

**UNIVERSIDAD NACIONAL DE INGENIERÍA
FACULTAD DE INGENIERÍA CIVIL**



TESIS

**SELECCIÓN DE REGISTROS SÍSMICOS A FIN DE REDUCIR LA
VARIABILIDAD DE LA RESPUESTA ESTRUCTURAL SÍSMICA EN EDIFICIOS DE
ALBAÑILERÍA CONFINADA**

**PARA OBTENER EL TÍTULO PROFESIONAL DE INGENIERO CIVIL
ELABORADO POR**

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Dedicatoria

A mis padres Soledad y Santiago

*Por brindarme siempre su estima y soporte incondicional a lo largo de mi vida
universitaria hasta la actualidad.*

A mi hermana Rosario

*Por las ideas que en algún momento me ayudó a generar con sus preguntas
acerca de mi investigación.*

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Resumen

Actualmente, los métodos de análisis estructural han evolucionado hacia enfoques que requieren mayor cantidad de datos de entrada, entre ellos los registros sísmicos. Sin embargo, la variabilidad en la respuesta estructural derivada de estos registros constituye un problema relevante, más aún considerando la limitada investigación nacional respecto a cómo la selección de registros influye en dicha variabilidad. En ese contexto, esta tesis plantea como hipótesis que ciertos criterios de selección permiten reducir la variabilidad de la respuesta estructural sísmica.

Para ello, se modelaron estructuras mediante sistemas de masas acopladas representativos de edificios de 1 a 5 niveles, con periodos fundamentales entre 0,08 s y 0,40 s. Los modelos consideraron comportamiento histerético tetralineal, calibrado según propiedades de muros de albañilería con unidades sólidas artesanales. Se generaron 840 combinaciones de selección de registros sísmicos, variando cinco factores: criterio de magnitud-distancia, espectros objetivos, medida de error, método de normalización y tipo de selección. Cada combinación se aplicó a los cinco modelos, obteniéndose un total de 4200 casos de estudio.

Se definió el parámetro de variabilidad, V , para evaluar los resultados, y se establecieron cinco casos patrón. El 97,43 % de los casos logró reducir la variabilidad frente a estos patrones. Además, se concluyó que dicha variabilidad tiende a aumentar con la altura del edificio. Entre los factores evaluados, los que más contribuyeron a disminuirla fueron: la no inclusión de pares magnitud-distancia, el uso de espectros medios condicionados, la normalización tipo NSr, y la selección tipo Ssr.

Palabras Clave – Variabilidad estructural, registros sísmicos, selección de acelerogramas, modelos histeréticos, análisis dinámico no lineal.

Abstract

Currently, structural analysis methods have evolved toward approaches that require larger amounts of input data, including seismic records. However, the variability in the structural response derived from these records constitutes a significant problem, especially considering the limited national research on how record selection influences this variability. In this context, this thesis hypothesizes that certain selection criteria can reduce the variability of seismic structural response.

To this end, structures were modeled using coupled mass systems representative of buildings with 1 to 5 stories, with fundamental periods between 0.08 s and 0.40 s. The models considered tetralinear hysteretic behavior, calibrated according to the properties of masonry walls with artisanal solid units. Eighty-four combinations of seismic record selection were generated, varying five factors: magnitude-distance criterion, objective spectra, error measure, normalization method, and selection type. Each combination was applied to the five models, resulting in a total of 4,200 case studies.

The variability parameter, V , was defined to evaluate the results, and five standard cases were established. 97,43 % of the cases managed to reduce variability compared to these standards. Furthermore, it was concluded that this variability tends to increase with building height. Among the factors evaluated, those that most contributed to reducing it were: the absence of magnitude–distance pairs, the use of conditioned mean spectra, NSr–type normalization, and Ssr–type selection.

Keywords – Structural variability, seismic recordings, accelerogram selection, hysteretic models, nonlinear dynamic analysis.

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Lista de símbolos y siglas

(M, R): Par Magnitud – Distancia.

CEMOS: Centro de Monitoreo Sísmico

CENEPRED: Centro Nacional de Estimación, Prevención y Reducción del Riesgo de Desastres.

CESMD: Centro para la Ingeniería de Datos de Registros Sísmicos

CISMID: Centro Peruano Japonés de Investigaciones Sísmicas y Mitigación de Desastres.

EC: Espectro Condicionado.

EMC: Espectro Medio Condicionado.

EPU: Espectro de Peligro Uniforme.

IDA: Análisis Dinámico Incremental

IGP: Instituto Geofísico del Perú

INEI: Instituto Nacional de Estadística e Informática.

MAE: Error Absoluto Medio

MAPE: Error Porcentual Absoluto Medio

MEF: Ministerio de Economía y Finanzas.

MSE: Error Cuadrático Medio

MVCS: Ministerio de Vivienda, Construcción y Saneamiento.

PEER: Centro de Investigación de Ingeniería Sísmica del Pacífico

PGA: Aceleración Pico del Suelo

PSHA: Análisis de Riesgo Sísmico Probabilístico

REDACIS: Red Nacional de acelerógrafos del CISMID FIC-UNI

RENADIC: Red de Cobertura Nacional de Acelerógrafos

RMSE: Raíz del Error Cuadrático Medio

$S_a(T_1)$: aceleración espectral en el periodo fundamental del primer modo de la estructura.

GMPE: Ecuaciones de predicción del movimiento del suelo

Prólogo

El desarrollo de la investigación titulada “Selección de registros sísmicos a fin de reducir la variabilidad de la respuesta estructural sísmica en edificios de albañilería confinada” ha sido un proceso de aprendizaje continuo, en el cual he podido aportar guiando a Reynaldo en su formación en este campo.

La incertidumbre de la respuesta estructural es un tema que complica la predicción del estado de daño de edificaciones. Por ello, desde el inicio, el trabajo se centró en identificar y analizar los aspectos más relevantes de la problemática nacional. Para ello, se llevaron a cabo reuniones periódicas donde discutimos referencias científicas entre tesis y journals, con el propósito de construir un soporte sólido del estado del arte. En estas sesiones, Reynaldo presentó análisis críticos de diversas propuestas metodológicas, demostrando un compromiso constante con su investigación de inicio a fin.

En una segunda etapa, la investigación se enfocó en el desarrollo y la simulación de algoritmos iniciales para abordar los objetivos planteados. Durante este proceso, Reynaldo mostró un notable interés por el aprendizaje del lenguaje de programación Python, logrando desarrollar scripts básicos con el apoyo de sus compañeros Luis Maldonado y Nicole Quispe. Estas herramientas permitieron realizar simulaciones preliminares centradas en la selección de registros sísmicos.

Simultáneamente, Reynaldo trabajó en la redacción de su plan de tesis, actividad que fue fortalecida por su participación en el curso Seminario de Tesis, dictado por los ingenieros Regalado, Salgado y Mejía. Esta etapa consolidó sus criterios sobre la metodología de la investigación.

Más adelante, se inició la fase de programación para el análisis estructural, utilizando técnicas de paralelización que optimizaron los tiempos de procesamiento. Sin embargo, esta etapa presentó retos significativos debido a las limitaciones técnicas de su equipo de cómputo. Con el apoyo de su familia, especialmente de su padre, el señor Santiago Rodríguez, logró adquirir una computadora que le permitió superar estas dificultades y acelerar la obtención de resultados.

Tras un arduo trabajo de análisis, simulación y redacción, el tesista completó su investigación. Durante todo este proceso, mantuvo una comunicación constante y receptiva, integrando observaciones que elevaron la calidad de su tesis.

Ha sido profundamente gratificante presenciar su evolución académica y profesional. Estoy convencido de que este trabajo no solo refleja su dedicación y esfuerzo, sino que también constituye una valiosa contribución al avance del conocimiento en el ámbito de la ingeniería sísmica en nuestro país.

Dr. Ing. Edison A. Moscoso A.

Asesor de tesis

Capítulo I. Introducción

1.1 Generalidades

La ingeniería estructural actual consta de metodologías avanzadas de análisis que permiten representar de una manera apropiada el comportamiento de las estructuras. En la actualidad, el análisis no lineal considera el comportamiento plástico de los materiales, determina parámetros de demanda, y obtiene fuerzas internas y deformaciones en todo su rango de comportamiento. Esto es posible después de simular numéricamente a la estructura con movimientos sísmicos representados por las aceleraciones registradas en estaciones acelerográficas. Sin embargo, los registros sísmicos contienen una gran cantidad de características geofísicas que hace que la respuesta estructural sea variable. En consecuencia, es necesario considerar un criterio analítico para la selección de los registros sísmicos de manera que la respuesta estructural sea menos dispersa. Un criterio de selección de registros sísmicos aumenta la precisión al relacionar los parámetros de demanda en un determinado lugar con respecto a la estructura a analizar, lo que, a su vez, brinda facilidades para poder tomar acciones preventivas.

1.2 Descripción del problema de investigación

En Perú, la mayoría de viviendas (55.8%) tiene como material predominante los ladrillos o bloques de cemento según sus paredes exteriores (Instituto Nacional de Estadística e Informática, 2018). Asimismo, estudios de riesgo sísmico llevados a cabo por el CISMID por asignación del Ministerio de Vivienda, Construcción y Saneamiento (MVCS), CENEPRED, y Ministerio de Economía y Finanzas (MEF) indican que las viviendas de albañilería representan el 83% en Lima Metropolitana y Callao (Díaz et al., 2019). Es por ello que es necesario realizar investigaciones utilizando análisis avanzados como los dinámicos tiempo-historia que conduzcan a un estudio más preciso del desempeño sísmico para evaluar su confiabilidad. Sin embargo, estos análisis dependen de los registros sísmicos seleccionados que son algunas de las fuentes principales de incertidumbre (Jonathan y Kim, 2023).

Por tanto, es necesario proponer una sistematización de las metodologías de selección de registros sísmicos para analizar la variabilidad de la respuesta estructural sísmica de edificios de albañilería confinada. Así también, se necesita representar a estos edificios por modelos estructurales simplificados con la finalidad de reducir la incertidumbre introducida por ellos y solo evaluar la variabilidad introducida por los registros sísmicos.

Finalmente se necesita plantear una metodología que permita evaluar la variabilidad de la respuesta estructural sísmica de edificios de albañilería confinada y así identificar aquellas metodologías de la selección de registros sísmicos que generen menor variabilidad en la respuesta estructural.

1.2.1 Problema general

¿Qué metodologías de selección de registros sísmicos reducen la variabilidad de la respuesta estructural sísmica de edificios de albañilería confinada?

1.2.2 Problemas específicos

- ¿Cómo representar edificios de albañilería confinada tal que sean usadas para la evaluación de la selección de registros sísmicos?
- ¿Cómo gestionar las metodologías de selección de registros sísmicos para analizar la variabilidad de la respuesta estructural sísmica en edificios de albañilería confinada?
- ¿Cómo evaluar la variabilidad de la respuesta estructural sísmica a partir de la selección de registros sísmicos en edificios de albañilería confinada?

1.3 Objetivos del estudio

1.3.1 Objetivo general

Proponer y evaluar metodologías de la selección de registros sísmicos que reduzcan la variabilidad de la respuesta estructural sísmica de edificios de albañilería confinada.

1.3.2 Objetivos específicos

- Proponer modelos estructurales simplificados de edificios de albañilería confinada para ser usados en la selección de registros sísmicos.
- Proponer una sistematización de las metodologías de selección de registros sísmicos para analizar la variabilidad de la respuesta estructural sísmica de edificios de albañilería confinada.
- Plantear una metodología que permita evaluar la variabilidad de la respuesta estructural sísmica a partir de la selección de registros sísmicos de edificios de albañilería confinada.

1.4 Antecedentes investigativos

1.4.1 Antecedentes Internacionales

Diversas metodologías avanzadas empleadas en la evaluación estructural sísmica dependen en gran medida de la selección de registros sísmicos. Así, Valenzuela-Beltrán et al. (2020) evaluaron qué parámetros estructurales influyen en la amplitud y la distribución en altura de la distorsión de entrepiso de un edificio de concreto armado modelado como un sistema de varios grados de libertad en tres dimensiones. Con dicho objetivo, aunado a la reducción de la variabilidad, se evaluó distintos métodos de selección: a) de manera aleatoria, b) considerando la magnitud y distancia epicentral, y c) de manera que se ajustan a la forma de un espectro objetivo. Así, concluyeron que la selección basada en la forma de un espectro objetivo reduce efectivamente la variabilidad en la estimación de los parámetros mencionados. Asimismo, Li et al. (2023) examinan los métodos de selección que considera el espectro de peligro uniforme (EPU), el espectro medio condicionado (EMC) y el espectro condicionado (EC), resaltando sus ventajas y desventajas. Proponen una serie de espectros-objetivo condicionales, expresados como el producto de la aceleración máxima del suelo (PGA) y espectros normalizados, generados en base a cuatro parámetros que definen la forma espectral.

Viendo que el proceso de ajuste a la forma espectral de un espectro objetivo consiste en el escalado, Samanta y Huang (2017) analizan los procesos de 1) el escalado geométrico medio de pares de registros, 2) el ajuste espectral al espectro medio de los registros seleccionados por el método 1, 3) escalado basado en el primer modo hacia una aceleración espectral objetivo, 4) escalado de orientación máxima-mínima, sobre las distribuciones de la aceleración del suelo, la deriva de los niveles y la aceleración espectral, 5) el ajuste espectral a un espectro objetivo de diseño con periodo de retorno de 2475 años. En sus análisis encuentran que los métodos 1 y 3 proporcionan valores medios similares para las respuestas de aceleración y desplazamiento, mientras que el método 2 subestima ligeramente los valores medios del método 1. El método 3 muestra las dispersiones más grandes en el rango de periodos cortos, afectando las evaluaciones de rendimiento de edificios de gran altura. Finalmente, el método 5 proporciona valores medios más altos en comparación con el método 2.

Investigadores proponen algoritmos para automatizar el proceso de selección para elaborar un análisis no lineal tiempo-historia (Deb et al., 2002), mientras que otros los toman y mejoran, como Jonathan y Kim (2023) que incorporan al algoritmo anterior un procedimiento de inicialización determinado que consiste en encontrar registros que se ajustan eficientemente a la media y varianza del espectro condicional. Georgioudakis et al.

(2017) proponen un método basado en un nuevo algoritmo de optimización para crear un subconjunto de registros de una gran base de datos. Dicho método selecciona y escala los registros de movimientos sísmicos de manera que su espectro promedio y la dispersión (dependiente del periodo) se ajusten mejor a un espectro objetivo con menor dispersión. Moscoso y Saito (2022) mejoran y validan una metodología de machine learning propuesta para detectar el estado de daño estructural de un edificio, aplicada a dos edificios esenciales instrumentados de Japón. Se utilizan modelos tridimensionales en lugar de masa concentrada para los edificios. En este se introduce una metodología para seleccionar registros sísmicos basada en los intervalos de confianza aplicado a las respuestas estructurales (distorsión de entrepiso y la aceleración absoluta de cada piso) provenientes de un análisis dinámico incremental de manera que la variabilidad se vea disminuida.

1.4.2 Antecedentes Nacionales

A nivel nacional, Moscoso (2018) analizó el efecto de la bidireccionalidad y el ángulo de incidencia del sismo en la respuesta de estructuras de concreto armado usando el análisis tiempo-historia lineal de 11 estructuras con rigideces y excentricidades relativas diferentes en ambas direcciones utilizando ángulos de incidencia cada 10° . Usó 20 registros sísmicos peruanos entre suelos muy rígidos, intermedios y blandos obtenidos de la red nacional de acelerógrafos del CISMID y del IGP. Los criterios de selección de los registros consideraban el PGA y el tipo de suelo correspondiente a cada estación acelerográfica. Los registros pasaron por una corrección según su línea base y por el filtrado de señales. Además, se escalaron a un espectro objetivo de manera que el parámetro de medida de error sea el mínimo. Finalmente, se obtuvo una metodología para el análisis modal espectral y el análisis tiempo-historia que considera los efectos de bidireccionalidad y del ángulo de incidencia en estructuras de concreto armado, siendo una propuesta para la norma peruana E.030.

Por otra parte, Gálvez (2011) estudió un procedimiento para analizar una estructura considerando su rango inelástico y calibrando los elementos estructurales de la edificación con ensayos reales del PEER con el programa CANNY, se utilizaron diagramas esfuerzo-deformación de los materiales hasta obtener resultados muy similares al ensayo. Modeló y aplicó solicitaciones sísmicas incrementales de registros nacionales de la costa peruana sobre suelos rígidos a una edificación escolar de 2 pisos con sistemas aporticado y de muros de albañilería confinada. El criterio de selección de registros empleado consistió en considerar un solo tipo de suelo correspondiente al lugar de estudio y la ubicación. Asimismo, siguió recomendaciones de Lestuzzi et al. (2004), y Kalkan y Chopra (2010). Luego de estudiar el procedimiento y aplicarlo en un caso práctico se concluyó que el

análisis es una herramienta precisa y racional para el diseño de estructuras y que para poder aplicarlo se requiere de un banco de información con ensayos de materiales, elementos y registros nacionales.

1.4.3 Alcance de la investigación

Se propuso una selección de registros sísmicos al comparar diferentes metodologías con la finalidad de reducir la variabilidad de la respuesta estructural con el siguiente alcance

- Se estudió la influencia de los siguientes factores:
 - Magnitud-Distancia epicentral (M,R).
 - Espectros objetivos como referencia de los escenarios sísmicos.
 - Medida de error de la metodología.
 - Método de normalización a los escenarios sísmicos.
 - Criterio de selección.
- El análisis sísmico fue solo unidireccional.
- El tipo de suelo considerado para la selección fue S1 según norma E.030.
- Se usaron registros sísmicos con un criterio de PGA mayor 400 gal o típicos de la zona de subducción de la costa peruana.
- Los factores de escala para el análisis dinámico incremental después de normalizado a un escenario sísmico fueron: 0.25, 0.50, 1.00, 1.10, 1.20, 1.30, 1.40 y 1.50.
- Se analizaron 5 modelos que representan edificios de albañilería confinada de 1 a 5 niveles, donde el periodo fundamental representativo de cada uno es $T=0.08N$, donde “N” es el número total de niveles del edificio que representa.
- Los modelos histeréticos se calibraron a elementos de una estructura de albañilería confinada mediante el modelo tetralineal de Saito (2024).

Capítulo II. Marco teórico y conceptual

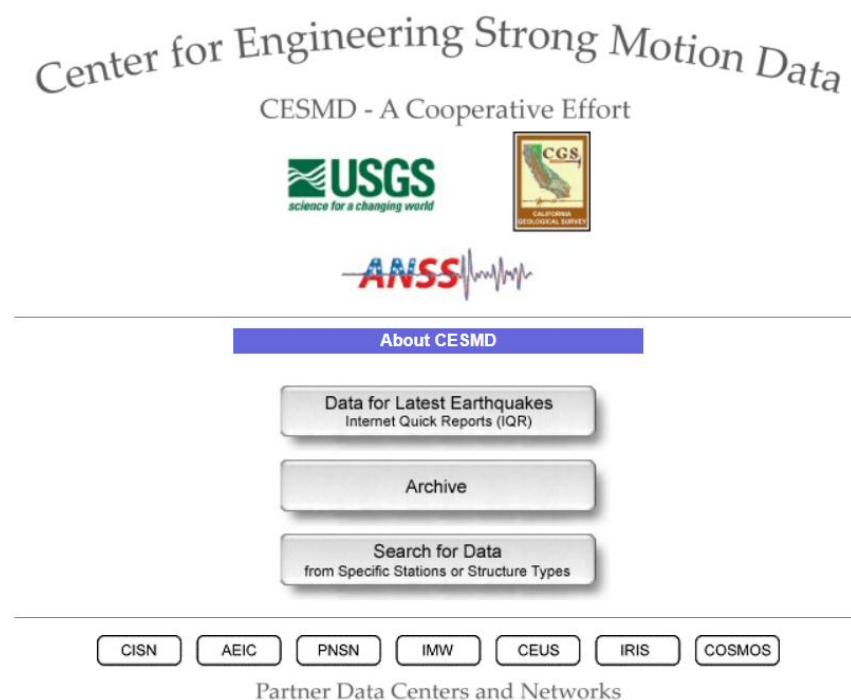
2.1 Acelerógrafos y registros sísmicos

Los acelerógrafos son instrumentos que permiten la caracterización del movimiento del terreno mediante registros sísmicos. Los registros sísmicos son las aceleraciones medidas con los acelerógrafos y usado en el análisis dinámico tiempo-historia. Estos registros constan de tres direcciones, este-oeste, norte-sur y vertical (Desena, 2016).

Diversas investigaciones internacionales donde se emplean registros sísmicos para un análisis no lineal utilizan distintas bases de datos. Samanta y Huang (2017) seleccionaron sus registros del PEER Ground Motion Database, mientras que Moscoso y Saito (2022) generaron su base de datos de registros obtenidos del Centro para la Ingeniería de Datos de Registros Sísmicos (CESMD) del USGS y Estudio Geológico de California (CGS) (ver **Figura 1**). Asimismo, existen otros centros sismológicos de cada nación como el Red de Cobertura Nacional de Acelerógrafos (RENADIC), de la Universidad de Chile (ver **Figura 2**); o el Servicio Sismológico Nacional, de la UNAM de México; entre otros.

Figura 1

Página del CESMD del USGS y CGS



Nota. Adaptado de CESMD (<https://www.strongmotioncenter.org>)

Figura 2

Página del RENADIC de la Universidad de Chile

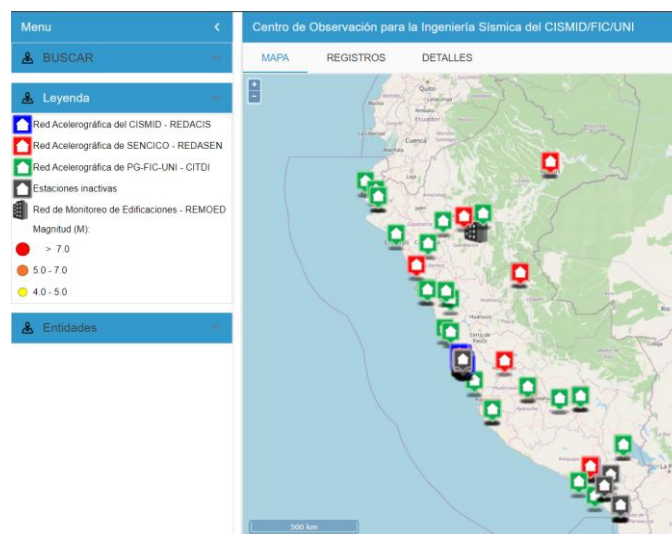


Nota. Adaptado de RENADIC (<http://terremotos.ing.uchile.cl>)

El Centro Peruano Japonés de Investigaciones Sísmicas y Mitigación de Desastres (CISMID) de la Facultad de Ingeniería Civil de la Universidad Nacional de Ingeniería cuenta con el Centro de Observación para la Ingeniería Sísmica (CEOIS), el cual tiene una red de acelerógrafos a nivel nacional, instalados en las principales ciudades del país formando la Red Nacional de acelerógrafos del CISMID FIC-UNI (REDACIS) (ver Figura 3). Asimismo, el Instituto Geofísico del Perú (IGP) posee una Red Nacional de acelerógrafos (ver **Figura 4**) que se presenta en su portal de acceso libre, y cuyos registros están desde el 2005 a la actualidad para diferentes tipos de suelo. Finalmente, existen otras redes nacionales públicas y privadas donde se están agregando en los últimos años estaciones acelerográficas (Moscoso E. , 2018).

Figura 3

Red de Acelerógrafos del CISMID FIC-UNI, REDACIS.



Nota. Adaptado de CEOIS (<https://www.cismid.uni.edu.pe/ceojs/red>)

Figura 4

Mapa de estaciones de los acelerómetros del IGP

PERU Ministerio del Ambiente IGP Instituto Geológico y Minero del Perú INICIO RED ACCELEROMÉTRICA NACIONAL > EDIFICACIONES > GLOSARIO

Listado de reportes y registros acelerométricos (mayor e igual a M.4.5)					
Número de reporte	Fecha y hora	Magnitud	Profundidad	Ubicación	Acciones
IGP/ACELDAT-PERU 2024-0713	20/11/2024, 17:53:32	4.5	32 km.	-13.610, -77.090	 
IGP/ACELDAT-PERU 2024-0712	20/11/2024, 14:48:27	4.5	27 km.	-4.980, -81.210	 
IGP/ACELDAT-PERU 2024-0708	18/11/2024, 08:04:47	4.8	59 km.	-16.790, -72.680	 
IGP/ACELDAT-PERU 2024-0693	08/11/2024, 20:17:18	4.5	49 km.	-11.700, -77.630	 
IGP/ACELDAT-PERU 2024-0688	07/11/2024, 01:24:37	5.5	38 km.	-14.850, -75.340	 
IGP/ACELDAT-PERU 2024-0685	06/11/2024, 19:38:05	4.5	85 km.	-15.150, -74.220	 
IGP/ACELDAT-PERU 2024-0682	05/11/2024, 14:39:42	6	139 km.	-13.150, -75.710	 
IGP/ACELDAT-PERU 2024-0681	05/11/2024, 12:00:10	4.6	32 km.	-15.580, -75.140	 
IGP/ACELDAT-PERU 2024-0678	03/11/2024, 16:18:39	4.8	315 km.	-19.170, -67.680	 
IGP/ACELDAT-PERU 2024-0677	24/10/2024, 11:00:00	4.8	117 km.	-17.660, -78.700	 

Nota. Adaptado de IGP (<https://www.igp.gob.pe/servicios/aceldat-peru/reportes-registros-acelerometricos>)

2.2 Selección de registros sísmicos

La selección de registros sísmicos reduce el sesgo y dispersión en la respuesta estructural de un análisis dinámico tiempo-historia no lineal; es decir, si se realiza de manera adecuada, esta selección permite la reducción de la variabilidad, incluso cuando se utilizan medidas de intensidad básicas como el PGA o la aceleración espectral en el periodo del primer modo de la estructura, $Sa(T_1)$ (Valenzuela-Beltrán et al., 2020).

El criterio más práctico en la ingeniería estructural es el que considera la magnitud (M) y la distancia epicentral (R) debido a que son los parámetros más comunes relacionados a un evento sísmico (American Society of Civil Engineers, 2023); sin embargo, existen más parámetros a considerar que pueden reducir más la variabilidad de la respuesta estructural (Katsanos et al., 2010).

Otros métodos más sofisticados consisten en el ajuste a un espectro objetivo; es decir, escalan los registros de manera que la medida de error total respecto del espectro

objetivo es la menor posible (Li et al., 2023; Valenzuela-Beltrán et al., 2020). Asimismo, existen intervalos de confianza que permiten seleccionar los registros en base a un grado de confiabilidad (Moscoso y Saito, 2022).

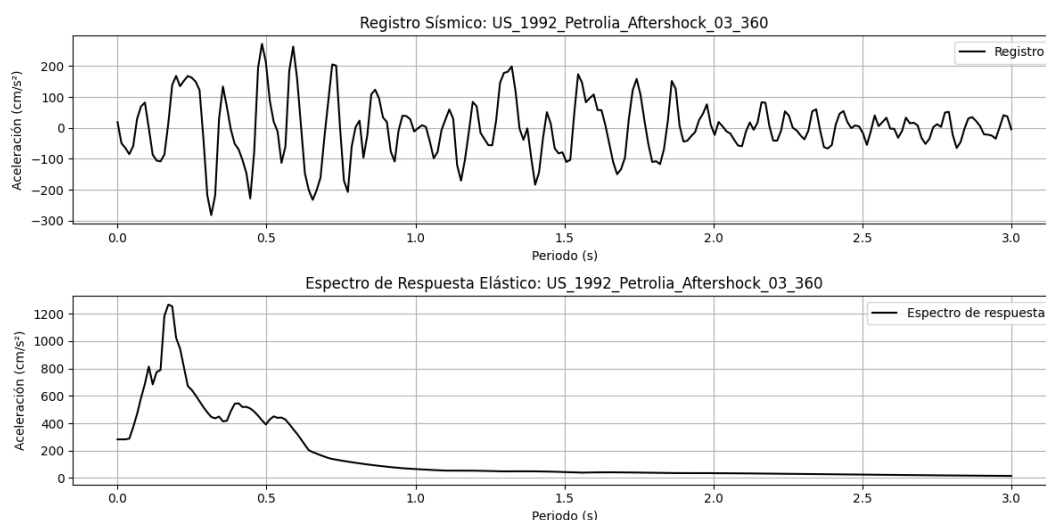
2.3 Espectro de respuesta elástico

Representa el valor máximo de respuesta que experimentaría un sistema elástico de un grado de libertad en función de su periodo natural (inversa de la frecuencia fundamental o natural), para una razón de amortiguamiento determinado, como consecuencia de un movimiento sísmico del terreno. La respuesta sísmica de una estructura se cuantifica en el espectro de respuesta elástico basado en sus desplazamientos, velocidades relativas y aceleraciones absolutas (Desena, 2016).

En la **Figura 5** se observa el registro sísmico de la réplica del terremoto en Petrolia (1992) y su respectivo espectro de respuesta elástico con una tasa de amortiguamiento del 5%. Dicho nombre se indica en el Anexo N°01 presentados.

Figura 5

Registro sísmico y espectro de respuesta elástico



2.4 Espectro de diseño según norma E030

Según la norma E030 (Ministerio de Vivienda, Construcción y Saneamiento, 2020), para sismos simulados el valor del factor de amplificación sísmica, C , se forma de la siguiente manera:

$$C = \begin{cases} 2.5 \left(\frac{T_p \times T_L}{T^2} \right), & T > T_L \\ 2.5 \left(\frac{T_p}{T} \right), & T_p < T < T_L \\ 2.5, & T < T_p \\ 1 + 7.5 \left(\frac{T}{T_p} \right), & T < 0.2T_p \end{cases} \quad (\text{Ec. 1})$$

Asimismo, el espectro inelástico de pseudoaceleraciones viene definido por:

$$S_a = \frac{Z \cdot U \cdot C \cdot S}{R} g \quad (\text{Ec. 2})$$

Donde g es la aceleración de la gravedad; Z , factor de zona; U , factor de uso o importancia; S , T_p y T_L , son los parámetros de sitio.

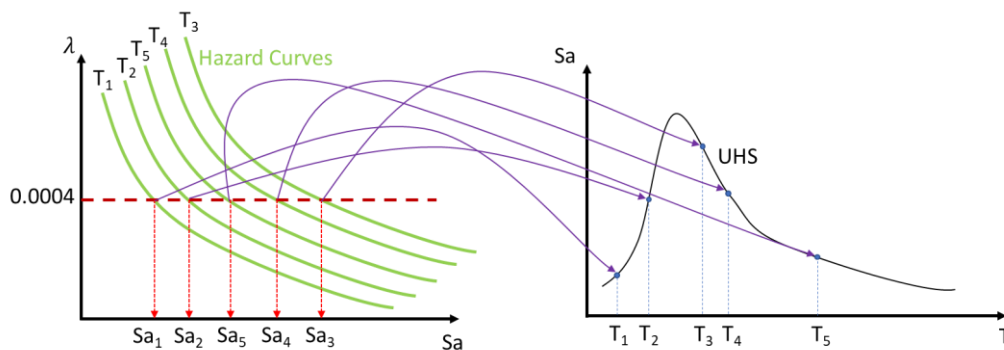
2.5 Espectro de peligro uniforme (EPU)

Chopra (2012) indica que los métodos modernos para construir espectros de diseño se basan en el análisis probabilístico de peligros sísmicos, que considera la tasa pasada de actividad sísmica en todas las fallas que contribuyen al peligro sísmico en el sitio. Li et al. (2023) detallan que el EPU es un conjunto de aceleraciones espectrales en diferentes periodos (T en **Figura 6**) que comparten un nivel de peligro común que a menudo se representa en forma de un periodo de retorno sísmico o una tasa anual de excedencia (λ) (ver **Figura 6**). Algunas limitaciones respecto a este espectro se listan a continuación:

- Dificultades con la descripción probabilística de las demandas sísmicas.
- Conservadurismo e inconsistencia con el comportamiento real del suelo.

Figura 6

Formación del Espectro de Peligro Uniforme (EPU)



2.6 Espectro medio condicionado (EMC)

El EMC se propuso originalmente como un espectro objetivo para superar las limitaciones del EPU en la selección de registros sísmicos (Li et al., 2023; Baker, 2011). Baker (2011) menciona que, por definición, el espectro objetivo basado en el EMC para un nivel de peligro sísmico especificado se condiciona a la aceleración espectral en un solo periodo de vibración (en adelante referido como el periodo de condicionamiento T^*) y calcula la media y la varianza del espectro en otros periodos de vibración (ver **Figura 7**). Las aceleraciones espectrales en otros periodos se derivan en función de los coeficientes de correlación de regresión entre los valores de ϵ (definidos como la cantidad de desviaciones estándar por la que un $\ln(Sa)$ dado difiere del valor promedio predicho de $\ln(Sa)$ para una magnitud y distancia dadas), de aceleraciones espectrales en diferentes periodos.

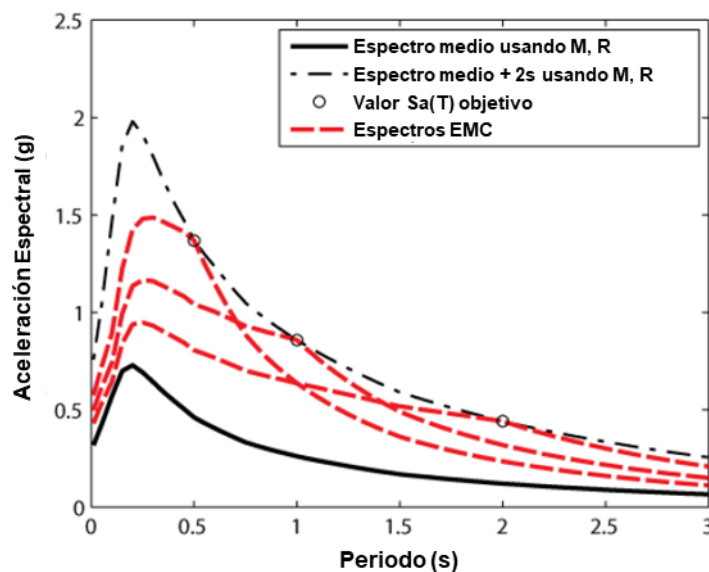
$$\epsilon(T) = \frac{\ln Sa(T) - \mu_{\ln Sa}(M, R, T)}{\sigma_{\ln Sa}(T)} \quad (\text{Ec. 3})$$

Donde $\mu_{\ln Sa}(M, R, T)$ y $\sigma_{\ln Sa}(T)$ son la media y desviación estándar predichas, respectivamente, de $\ln Sa$ en un periodo dado, y $\ln Sa(T)$ es el logaritmo natural de la aceleración espectral de interés. Los primeros dos parámetros se calculan usando las ecuaciones de predicción del movimiento del suelo (GMPE).

Generalmente, se construye utilizando el escenario de un solo terremoto aproximado (la magnitud y la distancia promedio o nodal). Cuando se tienen en cuenta múltiples escenarios asociados con una desagregación PSHA, la variabilidad en el espectro en otros periodos más allá de T^* aumenta (Lin et al., 2013).

Figura 7

Espectros Medios Condicionados en diversos periodos con igual probabilidad de excedencia



Nota. Tomado de “Conditional Mean Spectrum: Tool for ground motion selection” (p.18), por J.W. Baker, 2011, *Journal of Structural Engineering*, 137(3).

2.7 Intervalos de confianza

Un intervalo de confianza para una característica de una población es un intervalo de valores para dicha característica. Se construye de manera que, con un grado de confianza elegido, el valor de la característica estará comprendido entre los extremos inferior y superior del intervalo (Peck et al., 2008).

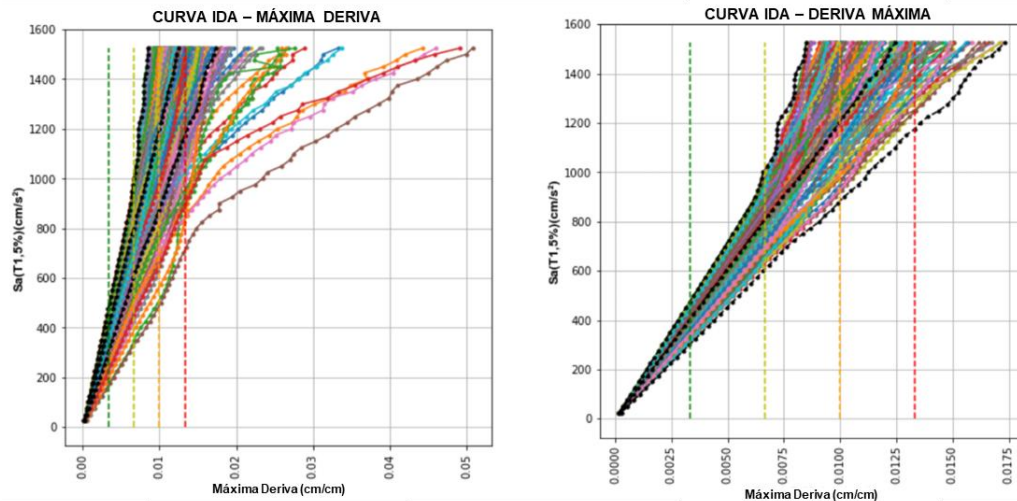
Asociado a cada intervalo de confianza se encuentra un nivel de confianza. El nivel de confianza proporciona información sobre cuánta “confianza” podemos tener en el método utilizado para construir la estimación del intervalo (no en un intervalo particular). Las elecciones habituales para los niveles de confianza son 90%, 95 y 99%, aunque también son posibles otros niveles. Si construyéramos un intervalo de confianza del 95% estaríamos utilizando un método que tiene éxito en el 95% de las ocasiones. Es decir, si este método se utilizara una y otra vez para generar una estimación de intervalo con diferentes muestras, a largo plazo, el 95% de los intervalos resultantes capturarían el valor real de la característica que se está estimando (Peck et al., 2008).

Moscoso y Saito (2022) a manera de considerar los rangos de comportamiento elástico e inelástico, aplicaron un intervalo de confianza que vaya desde el fractil 0% al 84% de las respuestas estructurales. En la **Figura 8** se aprecian de color negro los

percentiles 0%, 50% y 84% en todas las curvas IDA sin selección, y a la derecha, las curvas IDA de los registros seleccionados.

Figura 8

Curvas IDA, antes y después de selección de registros, del edificio de la ciudad de Tahara



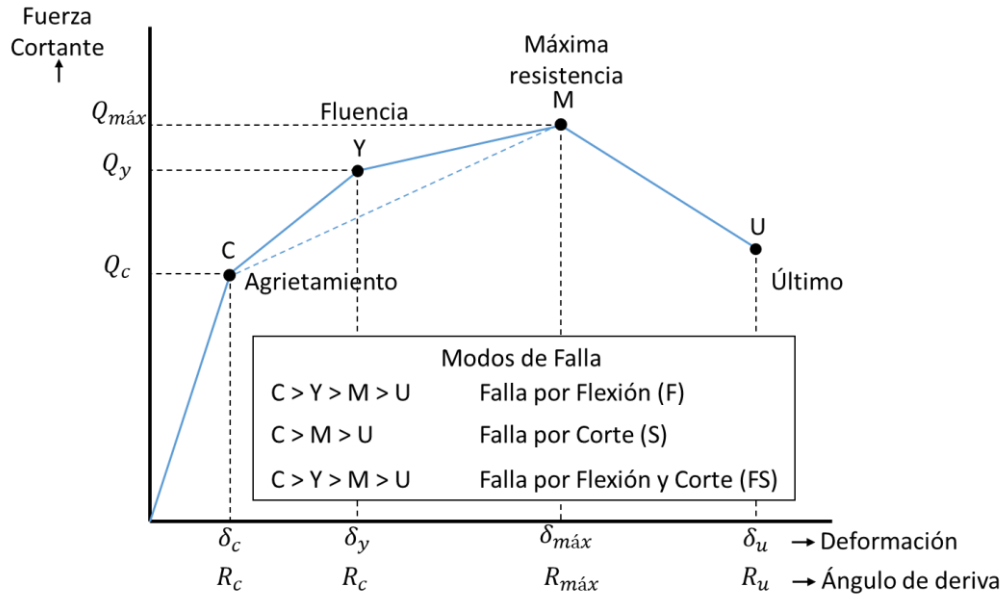
Nota. Adaptado de “Convolutional Neural Network-Based Rapid Post-Earthquake Structural Damage Detection: Case Study” (p.10), por E. Moscoso y T. Saito, 2022, *Sensors*, 22.

2.8 Modelos analíticos

Díaz et al. (2019) desarrolló una relación que permite la representación de la curva de capacidad de muros de albañilería en base a resultados experimentales. El modelo propuesto consiste en un modelo tetralineal (Sugano et al., 2014) que se construye en base a cuatro estados límites llamados agrietamiento, fluencia, máximo y último (ver **Figura 9**).

Figura 9

Comportamiento de los muros de albañilería contra fuerzas laterales



Nota. Adaptado de “Strength and Deformation of Confined Brick Masonry Walls Subjected to Lateral Forces – Review of Existing Test Data in Japan and Peru –” (p.24), por S. Sugano et al., 2014, *Journal of Disaster Research*, 9 (6).

La relación propuesta es la siguiente,

$$\frac{\tau}{F_m} = \beta_0 + \beta_1 \left(\frac{P_t \cdot \sigma_y}{F_m} \right)^{0.7} + \beta_2 \frac{P_{we} \cdot \sigma_{wy}}{F_m} + \beta_3 \frac{\sigma_0}{F_m} \quad (\text{Ec. 4})$$

Donde:

h : altura del muro.

L : longitud del muro.

l : longitud efectiva del muro ($\approx 0.9 \cdot L$).

P_t : relación del refuerzo longitudinal ($a_t/t \cdot l$).

P_{we} : relación del refuerzo transversal ($a_w/t \cdot sep \leq 0.012$).

a_t : área de la sección del refuerzo de tensión de la columna de amarre.

a_w : área de la sección del refuerzo lateral de la columna de amarre.

σ_y : esfuerzo de fluencia de las barras longitudinales de la columna de amarre.

σ_{wy} : esfuerzo de fluencia de las barras transversales de la columna de amarre.

σ_0 : carga axial.

F_m : resistencia axial de la pila de albañilería.

Los coeficientes se determinan de la **Tabla 1** para cada estado límite del muro.

Tabla 1

Coeficientes de la relación propuesta

Coeficiente	Agrietamiento	Fluencia	Máximo	Último
β_0	0.000	0.000	0.000	0.000
β_1	0.000	0.000	0.054	0.221
β_2	0.249	0.426	0.432	0.077
β_3	0.221	0.175	0.290	0.503

Nota. Adaptado de “Development of analytical models for confined masonry walls based on experimental results in Lima city” (p.27), por M. Diaz et al., 2019, *TECNIA*, 29 (2)

Asimismo, se obtuvo las deformaciones representativas para cada tipo de unidad de albañilería expresadas en derivas. Estos valores se muestran en la **Tabla 2**.

Tabla 2

Derivas representativas ($\times 10^{-3}$)

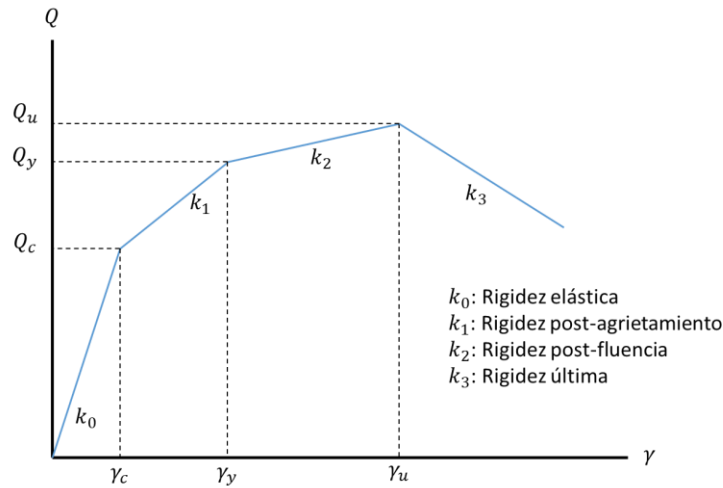
Unidad de albañilería	Agrietamiento	Fluencia	Máximo	Último
Sólido industrial	0.6	1.9	7.6	11.7
Sólido artesanal	0.4	1.3	3.5	8.0
Tubular	0.4	0.6	1.9	3.7

Nota. Adaptado de “Development of analytical models for confined masonry walls based on experimental results in Lima city” (p.24), por M. Diaz et al., 2019, *TECNIA*, 29 (2).

Por otro lado, Saito (2024) adaptó un modelo histerético trilineal degradante que consta de 4 segmentos, al igual que el modelo tetralineal, que se llamará en adelante tetralineal de Saito (2024). Dicho modelo parte de la curva de capacidad mostrada en la **Figura 10**.

Figura 10

Curva de capacidad del modelo tetralineal de Saito (2024)

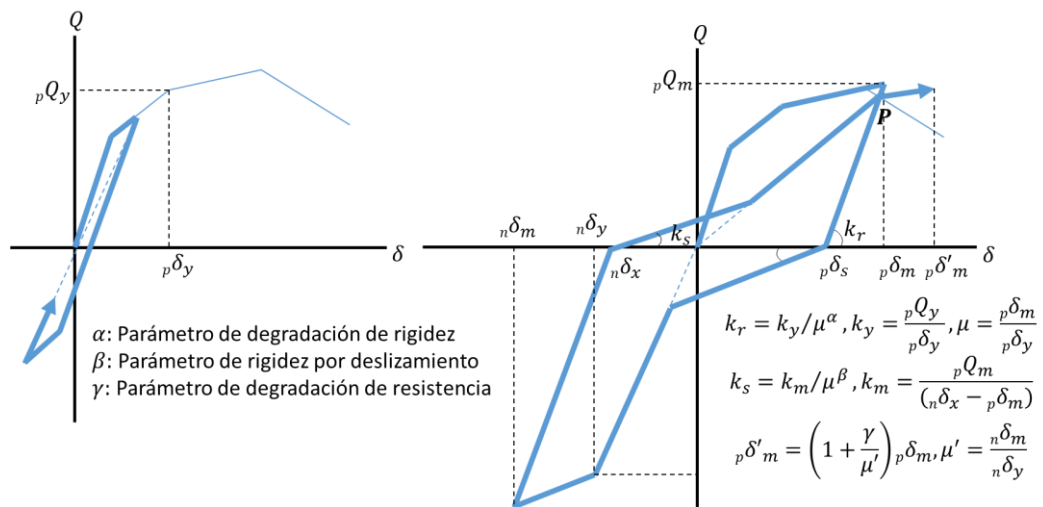


Nota. Adaptado de “STERA 3D User Guide Manual Version 11.5” (p.43), por T. Saito, 2024.

Asimismo, el modelo parte de la rigidez inicial elástica, k_0 . Luego, si nos encontramos en algún punto dentro del punto de agrietamiento y el punto de fluencia, la descarga se dirige hacia el punto máximo del otro lado. En la carga post-fluencia, si el desplazamiento es mayor que el punto de resistencia máxima, la descarga apuntará al punto último; caso contrario, la descarga tendrá una rigidez k_r . Consecuentemente, para cruzar la línea de fuerza cero, el punto objetivo del otro lado se incrementará según el factor de ductilidad, μ' . Después de cruzar dicha línea, la rigidez se calculará como k_s (ver **Figura 11**).

Figura 11

Modelo histerético tetralineal de Saito (2024)



Nota. Adaptado de “STERA 3D Technical Manual Version 7.5” (p.234), por T. Saito, 2024.

2.9 Análisis no lineal de respuesta sísmica

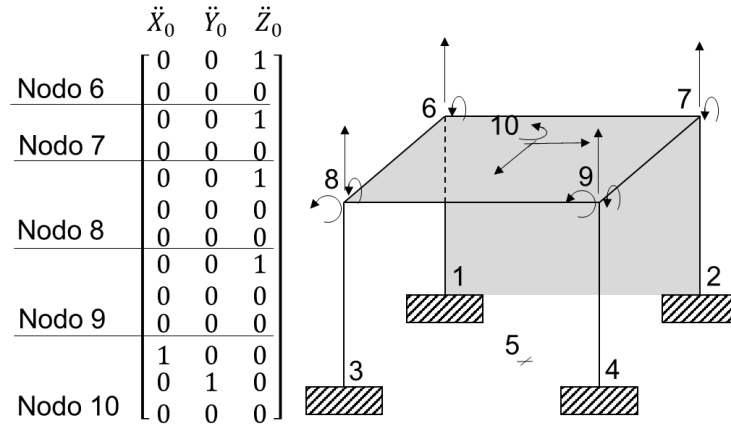
Saito (2024) comenta que considerando un registro sísmico definido por sus tres componentes; $\ddot{X}_0$, $\ddot{Y}_0$, y $\ddot{Z}_0$, en las direcciones X , Y y Z respectivamente. Las fuerzas de inercia en el nudo i son definidas como,

$$\begin{Bmatrix} \vdots \\ \vdots \\ -M_i(\ddot{u}_{xi} + \ddot{X}_0) \\ -M_i(\ddot{u}_{yi} + \ddot{Y}_0) \\ -M_i(\ddot{u}_{zi} + \ddot{Z}_0) \\ -I_i\ddot{\theta}_{xi} \\ -I_i\ddot{\theta}_{yi} \\ -I_i\ddot{\theta}_{zi} \\ \vdots \\ \vdots \end{Bmatrix} = -[M] \begin{Bmatrix} \vdots \\ \vdots \\ \ddot{u}_{xi} \\ \ddot{u}_{yi} \\ \ddot{\delta}_{zi} \\ \ddot{\theta}_{xi} \\ \ddot{\theta}_{yi} \\ \ddot{\theta}_{zi} \\ \vdots \\ \vdots \end{Bmatrix} - [M] \begin{bmatrix} \vdots \\ \vdots \\ 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ \vdots \\ \vdots \end{bmatrix} \begin{Bmatrix} \ddot{X}_0 \\ \ddot{Y}_0 \\ \ddot{Z}_0 \end{Bmatrix} = -[M] \begin{Bmatrix} \vdots \\ \vdots \\ \ddot{u}_{xi} \\ \ddot{u}_{yi} \\ \ddot{\delta}_{zi} \\ \ddot{\theta}_{xi} \\ \ddot{\theta}_{yi} \\ \ddot{\theta}_{zi} \\ \vdots \\ \vdots \end{Bmatrix} - [M][U] \begin{Bmatrix} \ddot{X}_0 \\ \ddot{Y}_0 \\ \ddot{Z}_0 \end{Bmatrix}$$

Para poder entender cómo se forma la componente de la matriz $[U]$ se muestra la **Figura 12** donde se muestra la estructura y su respectiva matriz.

Figura 12

Componentes de la matriz $[U]$



Nota. Adaptado de “STERA 3D Technical Manual Version 7.5” (p.305), por T. Saito, 2024.

Entonces, la condición de equilibrio de la estructura bajo un movimiento inducido por un sismo es:

$$[C]\{\dot{u}\} + [K]\{u\} = -[M]\{\ddot{u}\} - [M][U] \begin{Bmatrix} \ddot{X}_0 \\ \ddot{Y}_0 \\ \ddot{Z}_0 \end{Bmatrix} \quad (\text{Ec. 5})$$

Donde,

$[C]\{\dot{u}\}$: Fuerza de amortiguación

$[K]\{u\}$: Fuerza restauradora

$-[M]\{\ddot{u}\}$: Fuerza inercial

$-[M][U]\begin{Bmatrix} \ddot{X}_0 \\ \ddot{Y}_0 \\ \ddot{Z}_0 \end{Bmatrix}$: Condición inicial

Finalmente, la ecuación de movimiento es obtenida como

$$[M]\{\ddot{u}\} + [C]\{\dot{u}\} + [K]\{u\} = -[M][U]\begin{Bmatrix} \ddot{X}_0 \\ \ddot{Y}_0 \\ \ddot{Z}_0 \end{Bmatrix} = \{P\} \quad (\text{Ec. 6})$$

La fórmula anterior corresponde a un movimiento tridireccional. La adaptación respectiva a un movimiento unidireccional del registro sísmico es:

$$[M]\{\ddot{u}\} + [C]\{\dot{u}\} + [K]\{u\} = -[M][U]\begin{Bmatrix} \ddot{X}_0 \\ \ddot{Y}_0 \\ \ddot{Z}_0 \end{Bmatrix} = \{P\} \quad (\text{Ec. 7})$$

2.10 Análisis dinámico incremental (IDA)

El IDA implica realizar análisis dinámicos no lineales del modelo estructural bajo una serie de registros sísmicos, cada uno escalado a varios niveles de intensidad diseñados para forzar la estructura desde la elasticidad hasta la inestabilidad dinámica global (Vamvatsikos & Cornell, 2004).

Asimismo, comentan que aplicar el IDA para determinar el rendimiento de una estructura requiere varios pasos:

1. Formar un modelo estructural no lineal adecuado y compilar una serie de registros.
2. Para cada registro se debe seleccionar los niveles de escala.
3. Ejecutar los análisis dinámicos
4. Procesar los resultados

De esta manera, podemos generar curvas IDA de la respuesta estructural, evaluada por una medida de demanda (DM), como las derivas, frente al nivel de intensidad del movimiento del suelo, calculado por una medida de intensidad (IM), como la aceleración máxima del suelo PGA. A su vez, estos valores se interpolan para cada registro y se resumen en todos los registros para estimar la distribución de la demanda DM dada la intensidad IM.

2.11 Medidas de error

Peck et al. (2008) comentan que estos parámetros miden la variabilidad que existe en un conjunto de datos sobre una referencia. Las medidas de dispersión ayudan a comparar los resultados de un análisis y así seleccionar los métodos con mayor precisión. Estas medidas se derivan de considerar distintas maneras de considerar el error. En la **Tabla 3** se aprecian algunas medidas donde y_i es el valor observado; $\hat{y}_i$, el valor predicho; y n , el número de datos.

Tabla 3
Medidas de Error

Nombre	Abrev.	Fórmula	Fuente
Error Cuadrático Medio	MSE	$\frac{1}{n} \sum_{i=1}^n (y_i - \hat{y}_i)^2$	Peck et al. (2008)
Raíz de Error Cuadrático Medio	RMSE	$\sqrt{\frac{1}{n} \sum_{i=1}^n (y_i - \hat{y}_i)^2}$	Hodson (2022)
Error Porcentual Absoluto Medio	MAPE	$\frac{100}{n} \sum_{i=1}^n \frac{ y_i - \hat{y}_i }{y_i}$	S. Kim y H. Kim (2016)
Error Absoluto Medio	MAE	$\frac{1}{n} \sum_{i=1}^n y_i - \hat{y}_i $	Hodson (2022)

Capítulo III. Modelos simplificados de albañilería confinada

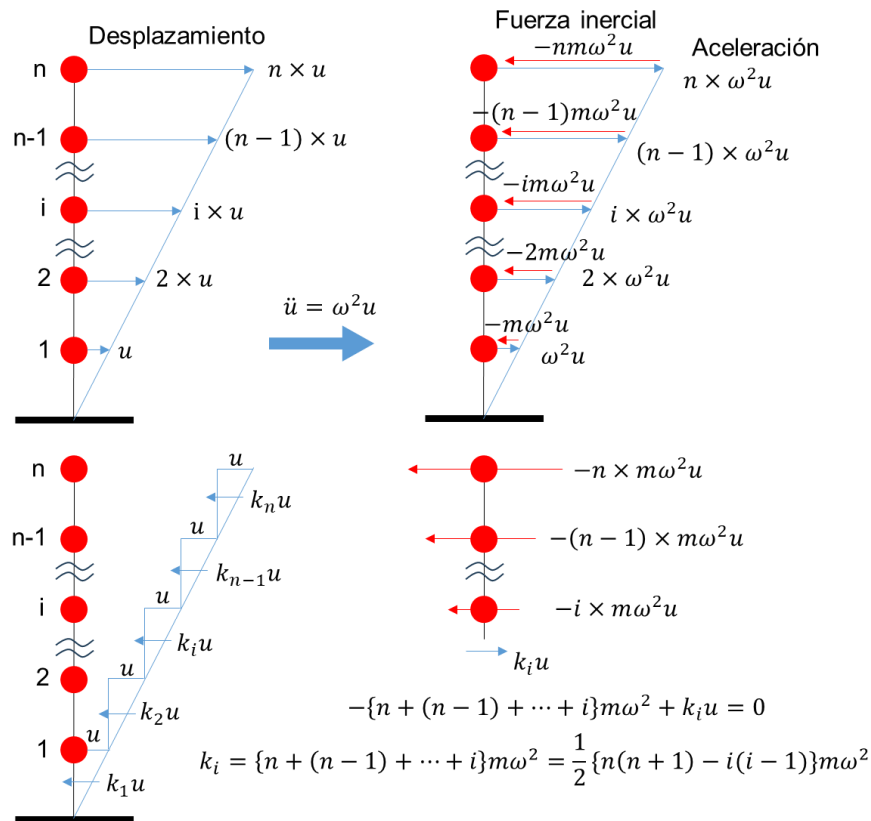
3.1 Sistema de masas acopladas

Se consideran cinco modelos de masas acopladas con el objetivo de reducir la incertidumbre causada por la naturaleza del modelo. La generación de los modelos partió de considerar periodos fundamentales objetivos: 0.08 s, 0.16 s, 0.24 s, 0.32 s y 0.40 s con la intención de representar edificios de uno a cinco niveles, respetando la correlación de los niveles con los Grados de Libertad (GDL) del modelo. Se considera una carga de 10 kN/m² por nivel, un área típica de 125 m² y una altura de entrepiso de 2.8 m.

Para lograr los periodos objetivos, se empezó considerando el planteamiento de Moscoso et al. (2021), para su generación de modelos de varios grados de libertad, que menciona que la forma de desplazamiento del primer modo es triangular como se muestra en la **Figura 13**.

Figura 13

Propiedades del primer modo de respuesta de un modelo de masas acopladas



Nota. Adaptado de “Structural Response Prediction for Damage Identification Using Wavelet Spectra in Convolutional Neural Network”, por Moscoso et al., 2021.

De esta manera, se dedujo la ecuación para determinar la rigidez elástica del nivel

i ,

$$k_{0i} = \frac{1}{2} \{n(n+1) - i(i-1)\} m \omega^2 \quad (\text{Ec. 8})$$

Donde:

$$\omega = \frac{2\pi}{T} \quad (\text{Ec. 9})$$

n : número de grados de libertad del modelo de masas acopladas

m : masa del nivel i

ω : frecuencia angular objetivo del modelo

T : periodo fundamental objetivo del modelo

En la **Tabla 4** se muestran las propiedades objetivas y las rigideces elásticas de cada modelo por cada nivel.

Tabla 4

Propiedades objetivo de los modelos de masas acopladas

Modelo Estructural	Altura total (m)	Peso total (kN)	Periodo objetivo T (s)	Frecuencia objetivo f (Hz)	Masa del nivel m (t)	Nivel i	Rigidez elástica k_{0i} (kN/mm)
1	2.80	1250	0.08	78.54	0.13	1	786.00
2	5.60	2500	0.16	39.27	0.13	2	393.00
					0.13	1	589.50
3	8.40	3750	0.24	26.18	0.13	3	262.00
					0.13	2	436.66
					0.13	1	524.00
4	11.20	5000	0.32	19.63	0.13	4	196.50
					0.13	3	343.87
					0.13	2	442.12
					0.13	1	491.25
5	14.00	6250	0.40	15.71	0.13	5	157.20
					0.13	4	282.96
					0.13	3	377.28
					0.13	2	440.16
					0.13	1	471.60

El modelo histerético a utilizar fue el tetralineal de Saito (2024). Para ello, se partió de considerar un muro de albañilería representativo compuesto de ladrillos sólidos artesanales para todos los niveles respectivamente. Las dimensiones y características principales del muro representativo en el nivel i se

muestran en la **Tabla 5** y **Figura 14**. Asimismo, los esfuerzos, fuerzas y desplazamientos calculados, mediante la Ec. 4 y la **Tabla 1**, se muestran en las

Tabla 6-Tabla 9.

Figura 14

Características generales del muro

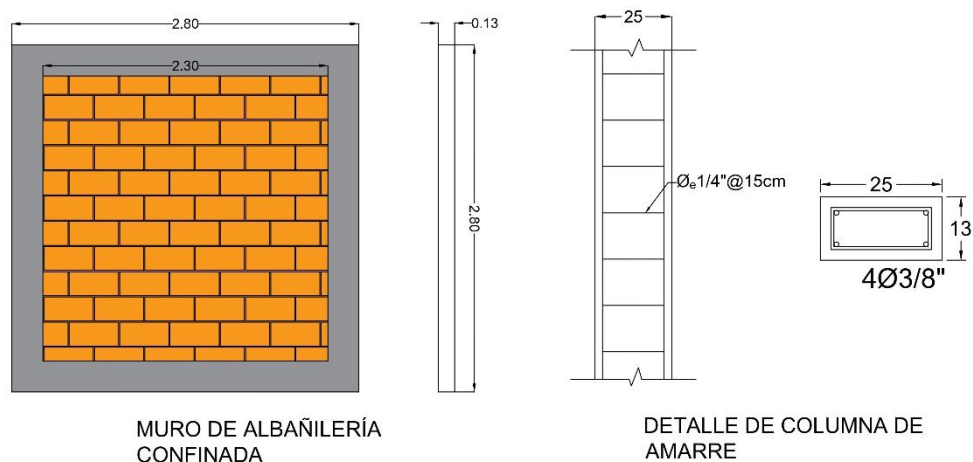


Tabla 5

Propiedades y características del muro representativo

Propiedad /Característica	Valor
Unidad de Albañilería	Sólido artesanal
Ancho tributario	3.00 m
Peso por m ²	10 kN/m ²
Longitud	2.80 m
Longitud efectiva	2.52 m
Refuerzo longitudinal: 4Ø3/8"	2.84 cm ²
Cuantía longitudinal	0.00087
Refuerzo transversal: Øe1/4"@15cm	0.32 cm ²
Cuantía transversal	0.00328
Resistencia a la compresión del muro	35 kgf/cm ²
Resistencia a la tracción diagonal del muro	5.1 kgf/cm ²
Resistencia a la fluencia del acero	4200 kgf/cm ²

Tabla 6

Esfuerzos y fuerzas representativas del Estado Límite de Agrietamiento por grados de libertad del modelo

Modelo Estructural	Nivel i	Esfuerzo axial σ_0 (kgf/cm ²)	Esfuerzo cortante τ (MPa)	Deriva	Fuerza Cortante V_m (kN)	Desplazamiento (cm)
1	1	2.308	39.42	0.0004	143.5	0.112
2	2	2.308	39.42	0.0004	143.5	0.112
	1	4.615	44.52	0.0004	162.07	0.112
3	3	2.308	39.42	0.0004	143.5	0.112
	2	4.615	44.52	0.0004	162.07	0.112
	1	6.923	49.62	0.0004	180.63	0.112
4	4	2.308	39.42	0.0004	143.5	0.112
	3	4.615	44.52	0.0004	162.07	0.112
	2	6.923	49.62	0.0004	180.63	0.112
	1	9.231	54.72	0.0004	199.19	0.112
5	5	2.308	39.42	0.0004	143.5	0.112
	4	4.615	44.52	0.0004	162.07	0.112
	3	6.923	49.62	0.0004	180.63	0.112
	2	9.231	54.72	0.0004	199.19	0.112
	1	11.538	59.82	0.0004	217.76	0.112

Tabla 7

Esfuerzos y fuerzas representativas del Estado Límite de Fluencia por grados de libertad del modelo

Modelo Estructural	Nivel i	Esfuerzo axial σ_0 (kgf/cm ²)	Esfuerzo cortante τ (MPa)	Deriva	Fuerza Cortante V_m (kN)	Desplazamiento (cm)
1	1	2.308	62.76	0.0013	228.45	0.364
2	2	2.308	62.76	0.0013	228.45	0.364
	1	4.615	66.80	0.0013	243.15	0.364
3	3	2.308	62.76	0.0013	228.45	0.364
	2	4.615	66.80	0.0013	243.15	0.364
	1	6.923	70.84	0.0013	257.85	0.364

4	4	2.308	62.76	0.0013	228.45	0.364
	3	4.615	66.80	0.0013	243.15	0.364
	2	6.923	70.84	0.0013	257.85	0.364
	1	9.231	74.88	0.0013	272.55	0.364
5	5	2.308	62.76	0.0013	228.45	0.364
	4	4.615	66.80	0.0013	243.15	0.364
	3	6.923	70.84	0.0013	257.85	0.364
	2	9.231	74.88	0.0013	272.55	0.364
	1	11.538	78.91	0.0013	287.25	0.364

Tabla 8

Esfuerzos y fuerzas representativas del Estado Límite Máximo por grados de libertad del modelo

Modelo Estructural	Nivel i	Esfuerzo axial σ_0 (kgf/cm ²)	Esfuerzo cortante τ (MPa)	Deriva	Fuerza Cortante V_m (kN)	Desplazamiento (cm)
1	1	2.308	70.12	0.0035	255.23	0.980
2	2	2.308	70.12	0.0035	255.23	0.980
	1	4.615	76.81	0.0035	279.59	0.980
3	3	2.308	70.12	0.0035	255.23	0.980
	2	4.615	76.81	0.0035	279.59	0.980
	1	6.923	83.50	0.0035	303.95	0.980
4	4	2.308	70.12	0.0035	255.23	0.980
	3	4.615	76.81	0.0035	279.59	0.980
	2	6.923	83.50	0.0035	303.95	0.980
	1	9.231	90.20	0.0035	328.31	0.980
5	5	2.308	70.12	0.0035	255.23	0.980
	4	4.615	76.81	0.0035	279.59	0.980
	3	6.923	83.50	0.0035	303.95	0.980
	2	9.231	90.20	0.0035	328.31	0.980
	1	11.538	96.89	0.0035	352.67	0.980

Tabla 9

Esfuerzos y fuerzas representativas del Estado Límite Último por grados de libertad del modelo

Modelo Estructural	Nivel i	Esfuerzo axial σ_0 (kgf/cm ²)	Esfuerzo cortante τ (MPa)	Deriva	Fuerza Cortante V_m (kN)	Desplazamiento (cm)
--------------------	---------	--	--------------------------------	--------	----------------------------	---------------------

1	1	2.308	56.09	0.008	204.19	2.240
2	2	2.308	56.09	0.008	204.19	2.240
	1	4.615	61.45	0.008	223.67	2.240
3	3	2.308	56.09	0.008	204.19	2.240
	2	4.615	61.45	0.008	223.67	2.240
	1	6.923	66.80	0.008	243.16	2.240
4	4	2.308	56.09	0.008	204.19	2.240
	3	4.615	61.45	0.008	223.67	2.240
	2	6.923	66.80	0.008	243.16	2.240
	1	9.231	72.91	0.008	265.40	2.240
5	5	2.308	56.09	0.008	204.19	2.240
	4	4.615	61.45	0.008	223.67	2.240
	3	6.923	66.80	0.008	243.16	2.240
	2	9.231	72.91	0.008	265.40	2.240
	1	11.538	84.52	0.008	307.65	2.240

Consecuentemente, en base a las fuerzas y desplazamientos, se determinaron las rigideces del muro representativo en cada nivel de cada modelo propuesto. Estos resultados se aprecian en la Tabla 10.

Tabla 10

Resumen de las rigideces del muro representativo ubicado en cada nivel por modelo

Modelo Estructural	Nivel i	Rigidez elástica K_0 (kN/mm)	Rigidez post-agrietamiento K_1 (kN/mm)	Rigidez post-fluencia K_2 (kN/mm)	Rigidez última K_3 (kN/mm)
1	1	128.13	33.71	4.35	-4.05
2	2	128.13	33.71	4.35	-4.05
	1	144.70	32.18	5.92	-4.44
3	3	128.13	33.71	4.35	-4.05
	2	144.70	32.18	5.92	-4.44
	1	161.28	30.64	7.48	-4.82
4	4	128.13	33.71	4.35	-4.05
	3	144.70	32.18	5.92	-4.44
	2	161.28	30.64	7.48	-4.82
	1	177.85	29.11	9.05	-4.99
5	5	128.13	33.71	4.35	-4.05
	4	144.70	32.18	5.92	-4.44
	3	161.28	30.64	7.48	-4.82
	2	177.85	29.11	9.05	-4.99
	1	194.43	27.58	10.62	-3.57

Después de ello, se ajustaron los valores de las rigideces elásticas del muro representativo (Tabla 4) de manera que sean iguales a aquellas rigideces elásticas objetivo (Tabla 10). Este valor de relación se multiplica a cada una de las otras rigideces inelásticas debido a la proporcionalidad que existe entre las fuerzas y las rigideces, manteniendo los desplazamientos constantes. Los valores de las rigideces finales que se utilizarán para poder determinar el comportamiento histerético para cada nivel de cada sistema de masas acopladas se muestran en la Tabla 11. Asimismo, todos los valores de las fuerzas ajustadas se muestran en la Tabla 12. Finalmente, en la Tabla 13 se muestran todos los parámetros que determinan el comportamiento histerético para cada modelo.

Tabla 11

Resumen de las rigideces del muro representativo ajustado ubicado en cada nivel por modelo

Modelo Estructural	Nivel i	Rigidez elástica k_0 (kN/mm)	Rigidez post-agrietamiento K_1 (kN/mm)	Rigidez post-fluencia K_2 (kN/mm)	Rigidez última K_3 (kN/mm)
1	1	786.00	206.79	26.67	-24.85
2	2	393.00	103.40	13.34	-12.43
	1	589.50	131.08	24.10	-18.08
3	3	262.00	68.93	8.89	-8.28
	2	436.66	97.10	17.85	-13.39
	1	524.00	99.56	24.32	-15.68
4	4	196.50	51.70	6.67	-6.21
	3	343.87	76.46	14.06	-10.55
	2	442.12	84.00	20.52	-13.23
	1	491.25	80.40	25.00	-13.79
5	5	157.20	41.36	5.33	-4.97
	4	282.96	62.92	11.57	-8.68
	3	377.28	71.68	17.51	-11.29
	2	440.16	72.04	22.40	-12.36
	1	471.60	66.89	25.76	-8.67

Tabla 12

Resumen de las fuerzas cortantes del muro representativo ajustado ubicado en cada nivel por modelo

Modelo Estructural	Nivel i	F. Cortante E. Agrietamiento V_{m_c} (kN)	F. Cortante E. Fluencia V_{m_y} (kN)	F. Cortante E. Máximo V_{m_m} (kN)	F. Cortante E. Último V_{m_u} (kN)
1	1	880.31	1401.44	1565.72	1252.61
2	2	440.15	700.71	782.86	626.30
	1	660.25	990.56	1139.01	911.20
3	3	293.43	467.14	521.90	417.54
	2	489.08	733.75	843.71	674.97
	1	586.88	837.77	987.55	790.04
4	4	220.08	350.36	391.43	313.15
	3	385.15	577.83	664.42	531.54
	2	495.18	706.87	833.25	666.60
	1	550.19	752.81	906.83	733.07
5	5	176.06	280.29	313.14	250.52
	4	316.92	475.47	546.73	437.38
	3	422.55	603.19	711.04	568.83
	2	492.97	674.52	812.52	656.83
	1	528.19	696.75	855.43	746.23

Tabla 13

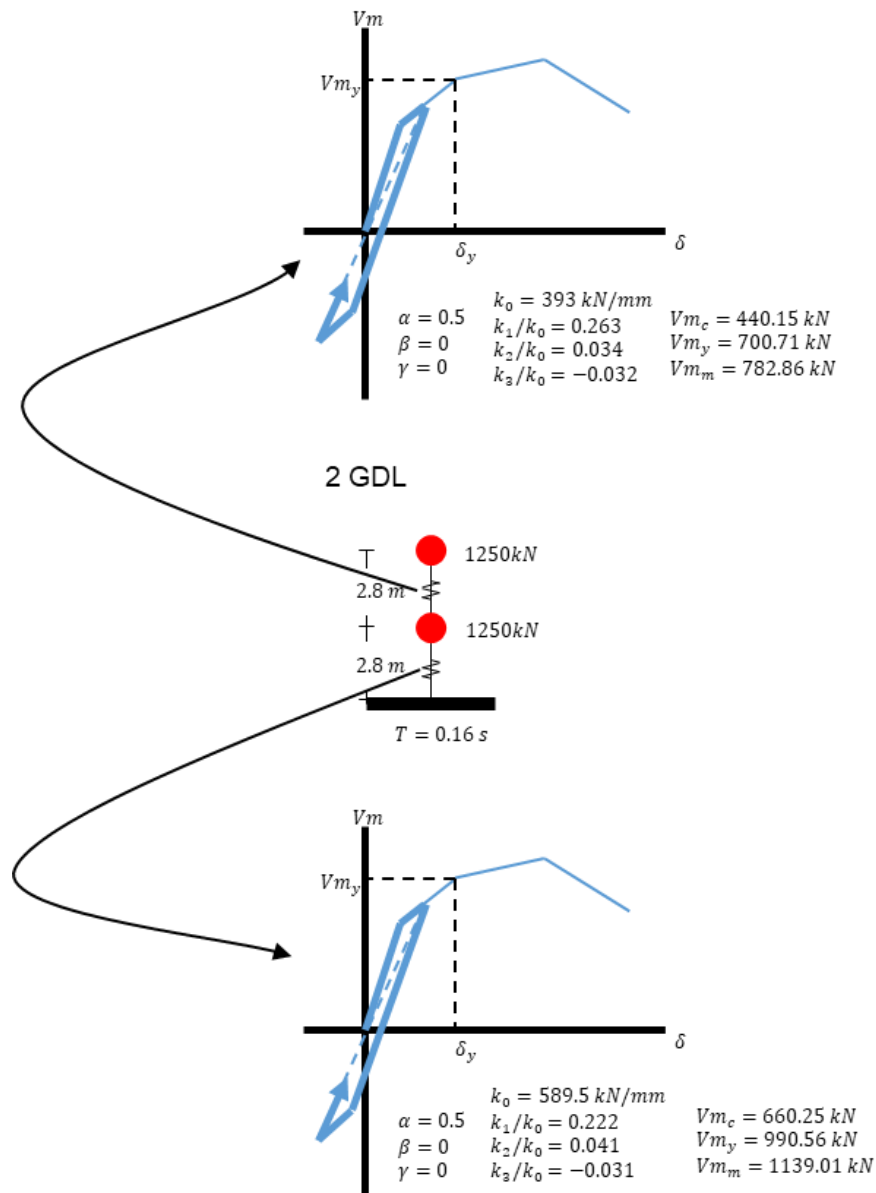
Resumen de los parámetros que determinan el modelo histerético del muro representativo ajustado en cada nivel por modelo

Modelo Estructural	Niv. i	K_0 (kN/mm)	K_1/K_0	V_{m_c} (kN)	K_2/K_0	V_{m_y} (kN)	K_3/K_0	V_{m_m} (kN)	α	β	γ
1	1	786.00	0.263	880.31	0.034	1401.44	-0.032	1565.72	0.5	0	0
2	2	393.00	0.263	440.15	0.034	700.71	-0.032	782.86	0.5	0	0
	1	589.50	0.222	660.25	0.041	990.56	-0.031	1139.01	0.5	0	0
3	3	262.00	0.263	293.43	0.034	467.14	-0.032	521.90	0.5	0	0
	2	436.66	0.222	489.08	0.041	733.75	-0.031	843.71	0.5	0	0
	1	524.00	0.190	586.88	0.046	837.77	-0.030	987.55	0.5	0	0
4	4	196.50	0.263	220.08	0.034	350.36	-0.032	391.43	0.5	0	0
	3	343.87	0.222	385.15	0.041	577.83	-0.031	664.42	0.5	0	0
	2	442.12	0.190	495.18	0.046	706.87	-0.030	833.25	0.5	0	0
	1	491.25	0.164	550.19	0.051	752.81	-0.028	906.83	0.5	0	0
5	5	157.20	0.263	176.06	0.034	280.29	-0.032	313.14	0.5	0	0
	4	282.96	0.222	316.92	0.041	475.47	-0.031	546.73	0.5	0	0
	3	377.28	0.190	422.55	0.046	603.19	-0.030	711.04	0.5	0	0
	2	440.16	0.164	492.97	0.051	674.52	-0.028	812.52	0.5	0	0
	1	471.60	0.142	528.19	0.055	696.75	-0.018	855.43	0.5	0	0

En la **Figura 15** se muestra como ejemplo el modelo equivalente simplificado de 2 GDL donde se muestran las principales propiedades para determinar su respuesta estructural. Este modelo representa una vivienda de dos niveles construida a base de unidades de albañilería sólidas artesanales.

Figura 15

Modelo equivalente simplificado de 2GDL



Capítulo IV. Metodología de selección de registros sísmicos

4.1 Banco de registros sísmicos

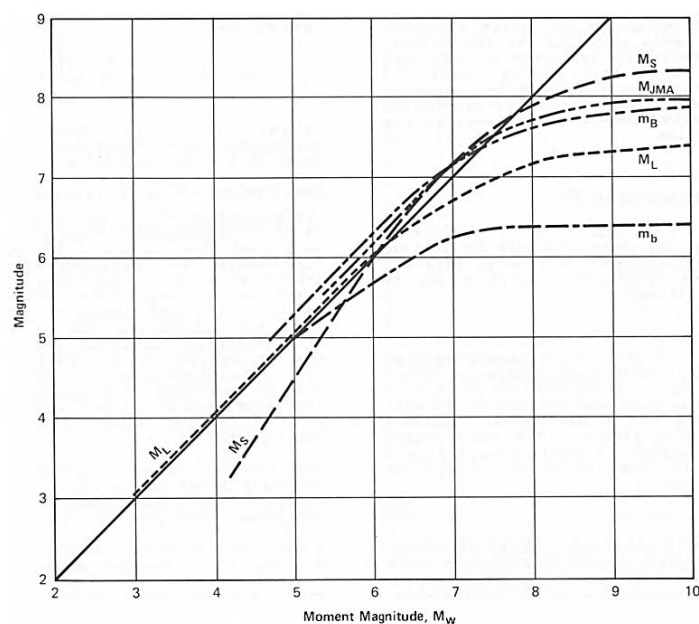
Para la conformación del banco de registros sísmicos se consideran 230 registros internacionales extraídos del CESMD cuyos PGA son mayores a 400 gal. A dicho banco se incluyen 41 registros peruanos extraídos del REDACIS e IGP, y 14 registros chilenos del CSN de la Universidad de Chile. Todos los registros constan de sus dos direcciones ortogonales horizontales, teniendo un total de 570 registros sísmicos. Dicha información se encuentra en detalle en los Anexos N°01 y 02.

Los registros pasaron por los procesos de filtro por pasa-banda y línea base. Así también, con el objetivo de disminuir el tiempo computacional, se buscó reducir la cantidad de puntos de cada registro sin modificar los parámetros principales que la definen. De esta manera, se hizo el recorte de los puntos que se encontraban dentro del 5% al 95% de la Intensidad de Arias (Arias, 1969).

Para uniformizar las escalas de magnitud, se utilizó las relaciones propuestas por Idriss (1985). En la **Figura 16**, se muestra las relaciones entre las distintas escalas de magnitud que se emplearon para uniformizarlas a magnitud momento (M_w).

Figura 16

Relación entre la magnitud momento (M_w) y otras escalas de magnitud



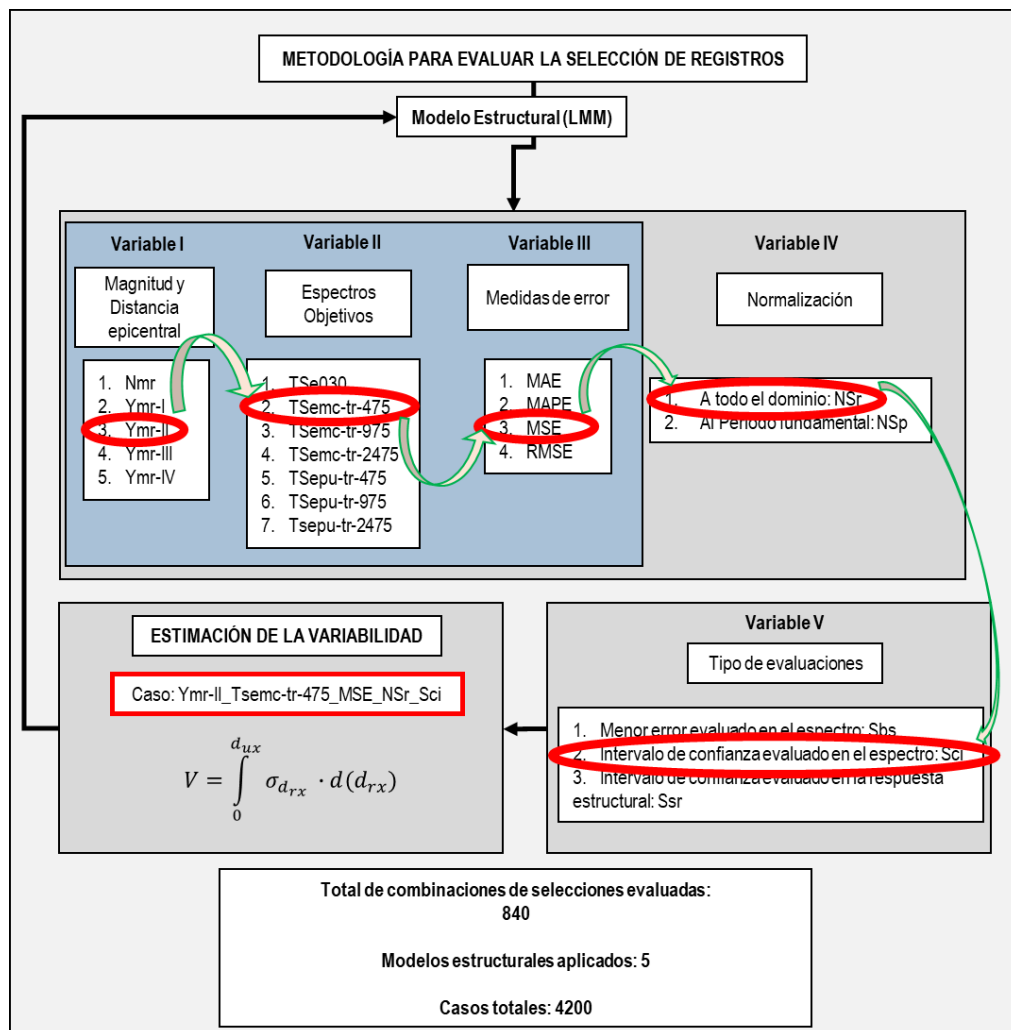
Nota. Tomado de “Evaluating seismic risk in engineering practica” (p.263), por I.M. Idriss, 1985, 11th International Conference on Soil Mechanics and Foundation Engineering.

4.2 Sistematización de metodologías de selección

Se consideró la selección de registros sísmicos para cada uno de los cinco modelos estructurales indicados en 3.1. Así también, se consideró los parámetros de magnitud y distancia epicentral (Variable I, ver 4.3), escenarios sísmicos representados por espectros objetivos (Variable II, ver 4.4), y medidas de error (Variable III, ver 4.5) para la metodología propuesta. Posteriormente, por cada caso resultante de la combinación de los factores mencionados, se normalizaron los registros a los escenarios sísmicos usando dos criterios (Variable IV, ver 4.5). Finalmente, cada caso se evalúa siguiendo tres criterios donde uno de ellos considera la respuesta estructural después del IDA (Variable V, ver 4.6). Por tanto, se estudiaron 840 evaluaciones de selección de registros sísmicos por cada modelo estructural resultando en 4200 casos totales (ver **Figura 17**).

Figura 17

Diagrama de flujo de metodología de evaluación de la selección



4.3 Selección considerando los parámetros sísmicos de magnitud y distancia epicentral (M, R)

Se consideran cuatro criterios de manera que se pueda analizar la influencia de la distancia y la magnitud por separado en la variabilidad de la respuesta estructural. Asimismo, se considera un caso que no tome en cuenta ninguno de los parámetros en mención.

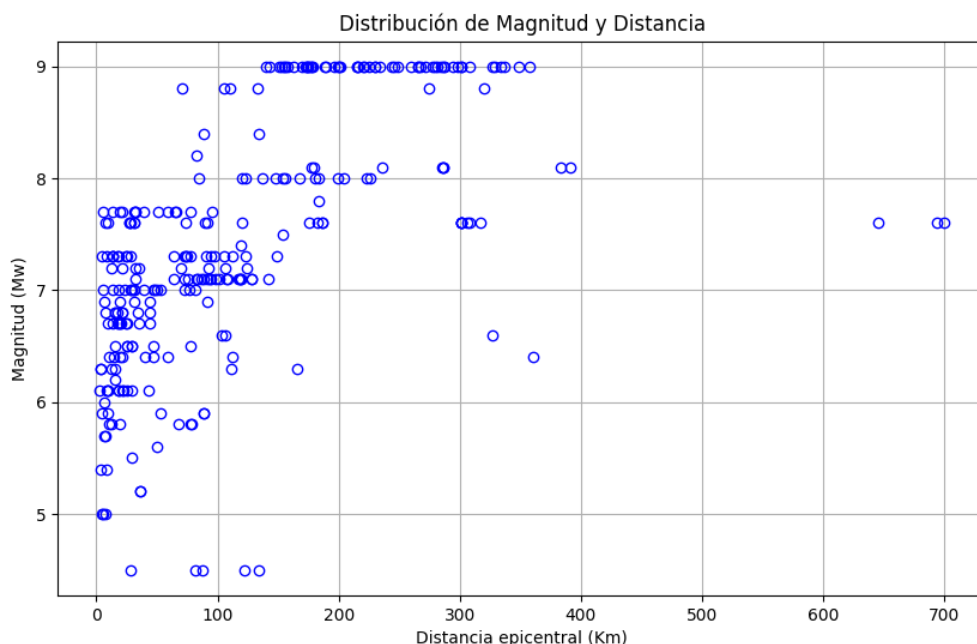
Para ello, en la Figura 18, se aprecia la distribución de los parámetros de magnitud y distancia epicentral del banco de registros sísmicos. En consecuencia, se denotan los cinco criterios:

1. Ymr-I: $M = 6.1-7.7$ Mw y $R = 2-35$ km
2. Ymr-II: $M = 5.7-6.5$ Mw y $R = 5-25$ km
3. Ymr-III: $M = 6.1-7.7$ Mw y $R = 48-100$ km
4. Ymr-IV: $M = 7.0-7.7$ Mw y $R = 5-30$ km
5. Nmr, que no considera ni magnitud ni distancia

Los criterios 1 y 3 permitirán estudiar la influencia de la distancia en la selección de registros. Los criterios 2 y 4 se escogieron debido a que se busca estudiar la influencia de la magnitud en la selección de los registros considerando ambos dentro del campo cercano.

Figura 18

Distribución de magnitud y distancia epicentral del banco de registros



4.4 Determinación de los espectros objetivos

Se proponen 7 espectros objetivos para el presente estudio. Del total, 3 son espectros de peligro uniforme (EPU), 3 son espectros medios condicionados (EMC) y el espectro de diseño de la norma E030. Los EPU y EMC considerados corresponden a periodos de retorno de 475, para representar sismos moderados; 975 y 2475 años, para representar sismos severos. El mismo criterio se usará para formar el espectro de diseño de la norma E030. Para todos los espectros en mención se considera la localidad de Lima (ver **Tabla 14**).

Tabla 14

Localidad del sitio en estudio

Departamento	Lima
Latitud	12.0° S
Longitud	76.5° W
Zona Sísmica (E030)	Z ₄
Perfil de Suelo (E030)	Roca o suelo muy rígido S ₁

Asimismo, para la presente investigación se usarán las siguientes notaciones para los espectros objetivos en mención:

1. TSe030: Espectro objetivo según norma E030.
2. TSepu-tr-475: Espectro objetivo según EPU ($Tr = 475$ años)
3. TSepu-tr-975: Espectro objetivo según EPU ($Tr = 975$ años)
4. TSepu-tr-2475: Espectro objetivo según EPU ($Tr = 2475$ años)
5. TSemc-tr-475: Espectro objetivo según EMC ($Tr = 475$ años)
6. TSemc-tr-975: Espectro objetivo según EMC ($Tr = 975$ años)
7. TSemc-tr-2475: Espectro objetivo según EMC ($Tr = 2475$ años)

4.4.1 Formación del espectro objetivo de la norma E030

En base a la localidad, en la **Tabla 15** se deducen los parámetros sísmicos de diseño según lo especificado en la norma E030.

Tabla 15

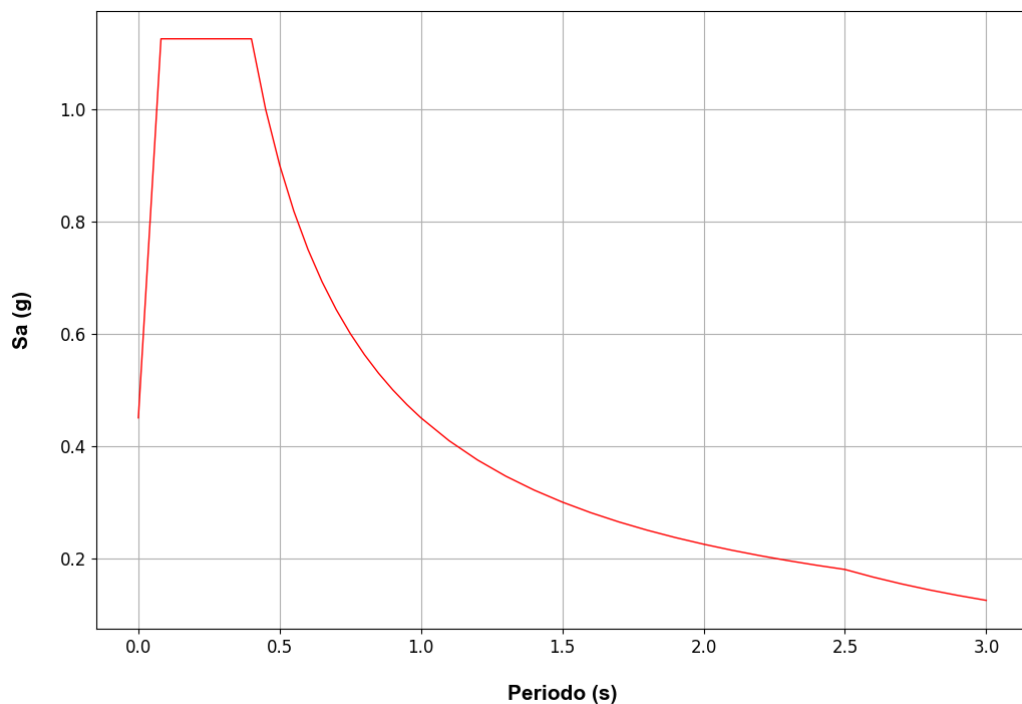
Parámetros sísmicos relativos a la norma E030

Parámetro Sísmico (E030)	Valor
Factor de Zona (Z)	0.45
Factor de Uso (U)	1
Factor de Suelo (S)	1
Periodo T_p	0.4
Periodo T_L	2.5
Coef. de Reducción (R)	3

Si bien es cierto que la norma indica dividir sobre el coeficiente de reducción (R) el producto de los factores Z , U , S y C , se considera para la formación del espectro $R=1$ debido a que no se está diseñando. Finalmente, considerando que la aceleración de la gravedad $g = 981 \text{ gal}$ aproximadamente, se muestra en la Figura 19 el espectro.

Figura 19

Espectro objetivo según norma E030



4.4.2 Formación del espectro objetivo según EPU

Para la formación del Espectro de Peligro Uniforme, se utiliza el programa R-CRISIS Ver 20.3.0. Para ello, se consideraron catorce fuentes sismogénicas de subducción, de mecanismos interfase (F1, F2, F3, F4 y F5), intraplaca superficial (F6, F7, F8, F9 y F10) e intermedias (F11, F12, F13 y F14). Asimismo, se utilizaron seis fuentes sismogénicas continentales (F15, F16, F17, F18, F19 y F20) (ZER Geosystem Perú SAC, 2014). Las coordenadas geográficas se muestran en las Tablas **Tabla 16-Tabla 18**, y en la **Figura 20** y **Figura 21** se muestran los mapas que se aprecian mejor en los Anexos N°03 y 04. Asimismo, en la **Tabla 19** se muestran los parámetros sismológicos de cada fuente.

Tabla 16

Coordenadas geográficas de las fuentes de interfase

Fuente	Coord. Geográficas		Profundidad (Km)
	Longitud	Latitud	
F1	-80.323	2.000	25
F1	-78.408	2.000	60
F1	-80.044	-2.448	60
F1	-81.284	-2.448	25
F1	-81.284	-0.595	25
F2	-80.821	-2.448	25
F2	-79.310	-2.448	50
F2	-80.214	-3.622	50
F2	-80.670	-5.420	50
F2	-79.156	-7.834	60
F2	-81.050	-8.931	25
F2	-81.693	-7.632	25
F2	-82.088	-6.198	25
F2	-82.000	-3.760	25
F3	-81.050	-8.931	30
F3	-79.156	-7.834	75
F3	-75.998	-13.999	75
F3	-77.028	-14.811	30
F4	-77.028	-14.811	30
F4	-75.998	-13.999	75
F4	-72.914	-16.397	75
F4	-74.063	-17.768	30
F4	-75.684	-16.501	30
F5	-74.063	-17.768	30
F5	-72.914	-16.397	60
F5	-71.427	-17.553	60
F5	-69.641	-18.721	70
F5	-69.627	-22.000	70
F5	-71.586	-22.000	30
F5	-71.617	-19.680	30

Nota. Adaptado de ZER Geosystem Perú SAC (2014).

Tabla 17

Coordenadas geográficas de las fuentes de intraplaca

Fuente	Coord. Geográficas		Profundidad (Km)
	Longitud	Latitud	
F6	-78.408	2.000	60
F6	-76.644	2.000	135
F6	-78.593	-2.448	150
F6	-80.044	-2.448	60
F7	-79.310	-2.448	50

F7	-78.593	-2.448	100
F7	-78.449	-5.045	125
F7	-77.429	-6.720	125
F7	-79.156	-7.834	60
F7	-80.670	-5.420	50
F7	-80.214	-3.622	50
F8	-79.156	-7.834	80
F8	-78.427	-7.363	100
F8	-74.996	-13.218	115
F8	-75.998	-13.999	80
F9	-75.998	-13.999	80
F9	-74.996	-13.218	110
F9	-72.160	-15.453	130
F9	-72.914	-16.397	80
F10	-72.914	-16.397	95
F10	-70.892	-13.863	245
F10	-69.055	-15.365	275
F10	-68.013	-19.959	200
F10	-67.868	-22.000	165
F10	-69.627	-22.000	100
F10	-69.641	-18.721	100
F10	-71.427	-17.553	110
F11	-77.923	-0.918	200
F11	-76.785	-0.918	200
F11	-75.236	-3.054	160
F11	-75.600	-5.539	145
F11	-77.429	-6.720	145
F11	-78.449	-5.045	150
F11	-78.593	-2.448	150
F12	-78.427	-7.363	100
F12	-77.177	-6.557	140
F12	-73.973	-12.421	135
F12	-74.996	-13.218	115
F13	-74.996	-13.218	110
F13	-73.577	-12.112	110
F13	-70.892	-13.863	130
F13	-72.160	-15.453	130
F14	-77.177	-6.557	145
F14	-75.600	-5.539	145
F14	-74.400	-6.567	155
F14	-73.589	-8.086	195
F14	-73.914	-9.347	170
F14	-72.963	-11.633	145
F14	-73.973	-12.421	140

Nota. Adaptado de ZER Geosystem Perú SAC (2014).

Tabla 18

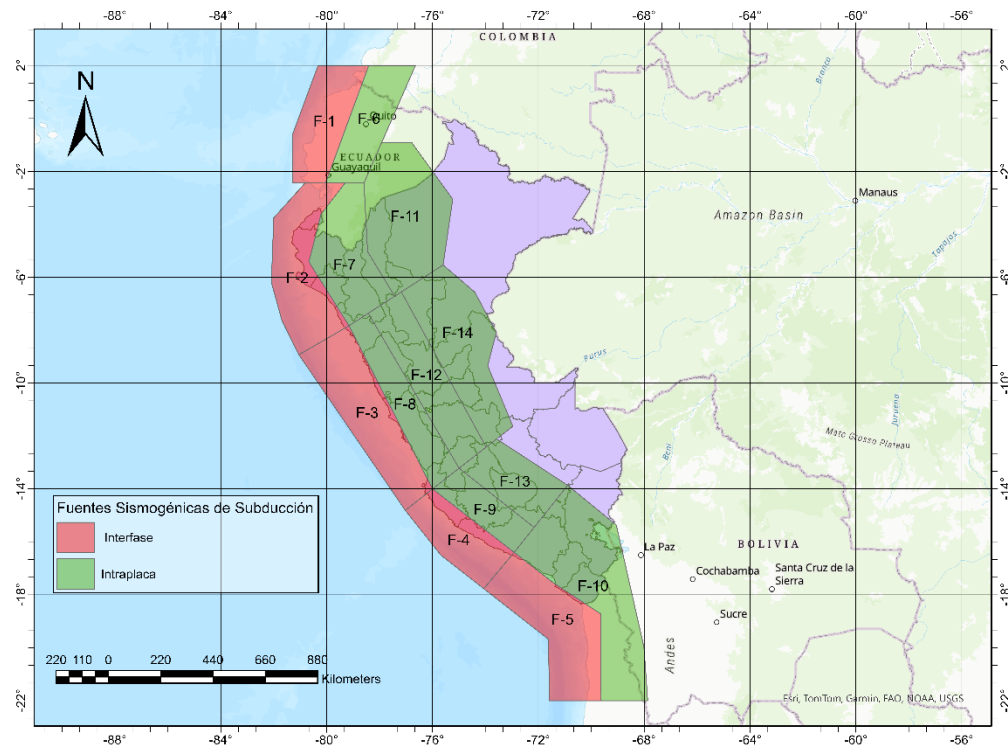
Coordenadas geográficas de las fuentes continentales

Fuente	Coord. Geográficas		Profundidad (Km)
	Longitud	Latitud	
F15	-79.156	-7.834	25
F15	-78.084	-7.213	40
F15	-76.340	-10.670	40
F15	-74.760	-13.130	40
F15	-75.998	-13.999	25
F16	-75.998	-13.999	25
F16	-74.760	-13.130	50
F16	-70.176	-15.201	50
F16	-70.434	-15.947	50
F16	-69.134	-17.789	50
F16	-69.641	-18.721	25
F16	-71.427	-17.553	25
F17	-78.100	0.748	25
F17	-76.872	0.373	40
F17	-77.410	-0.867	60
F17	-76.826	-4.705	60
F17	-79.100	-5.200	25
F17	-79.085	-0.370	25
F18	-79.100	-5.200	35
F18	-75.100	-4.330	35
F18	-74.422	-7.976	50
F18	-77.143	-9.079	50
F19	-77.143	-9.079	35
F19	-74.422	-7.976	35
F19	-74.170	-9.330	35
F19	-72.480	-11.400	40
F19	-74.760	-13.130	40
F19	-76.340	-10.670	35
F20	-74.760	-13.130	40
F20	-72.480	-11.400	40
F20	-69.400	-12.966	40
F20	-70.176	-15.201	40

Nota. Adaptado de ZER Geosystem Perú SAC (2014).

Figura 20

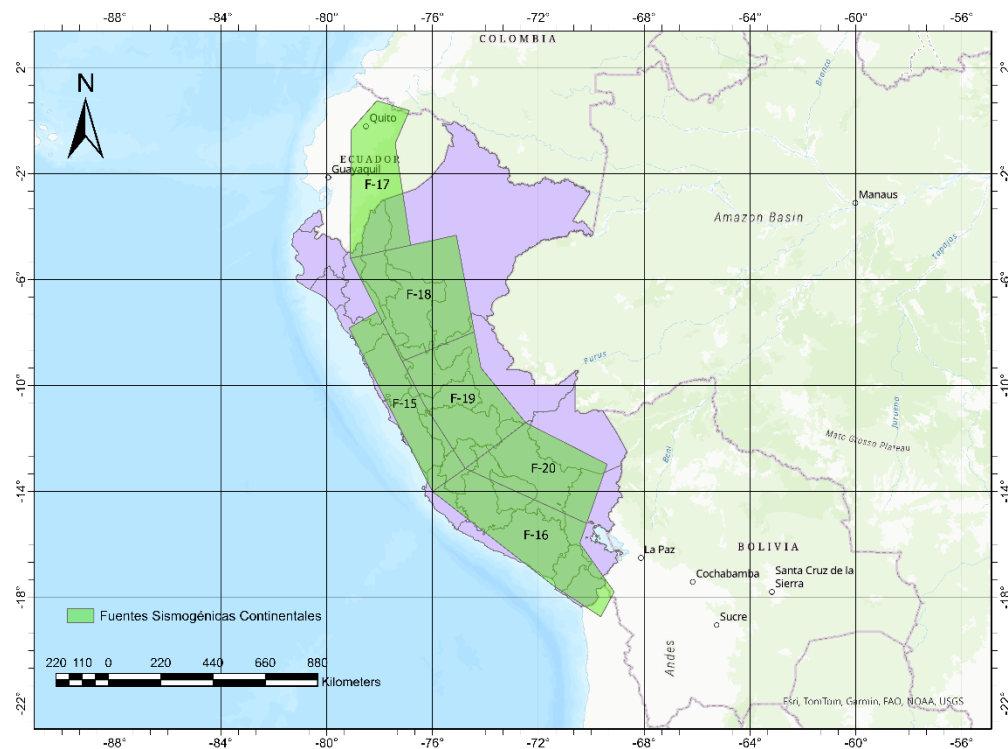
Mapa de Fuentes de Subducción



Nota. Elaborado con software ArcGIS Pro.

Figura 21

Mapa de Fuentes Continentales



Nota. Elaborado con software ArcGIS Pro.

Tabla 19

Parámetros sismológicos de las fuentes sismogénicas

Fuente	Mw			
	M _{min}	M _{máx}	β	Tasa
F1	4.2	8.3	1.1929	3.6990
F2	4.4	7.8	1.2471	5.8562
F3	4.3	8.6	1.5957	14.0302
F4	4.3	8.5	1.5440	9.7881
F5	4.2	8.8	1.3305	9.5505
F6	4.1	7.9	0.9541	2.0151
F7	4.2	6.6	1.3407	3.1144
F8	4.2	7.7	1.4477	3.7718
F9	4.4	7.5	1.5750	4.5766
F10	5	8	2.3454	13.0837
F11	4.3	7.5	1.6183	9.0854
F12	4.2	8.5	1.6555	3.2898
F13	4.3	7	1.3216	3.4012
F14	4.7	7.8	2.0615	5.4152
F15	4	7.3	0.6913	0.8147
F16	4.2	7.6	1.2578	2.3338
F17	4.2	7	1.0968	2.2363
F18	4.7	7.2	1.5437	1.6851
F19	4.2	7.1	1.2353	2.5516
F20	4.4	6.9	0.5029	0.5084

Nota. Adaptado de ZER Geosystem Perú SAC (2014).

La ley de atenuación para las fuentes de subducción es la propuesta por Youngs et al. (1997), mientras que para las fuentes continentales es la propuesta por Sadigh et al. (1997). En las Figura 22-Figura 24 se muestran los espectros generados.

Figura 22

Espectros Objetivos EPU a periodos de retorno de 475 años

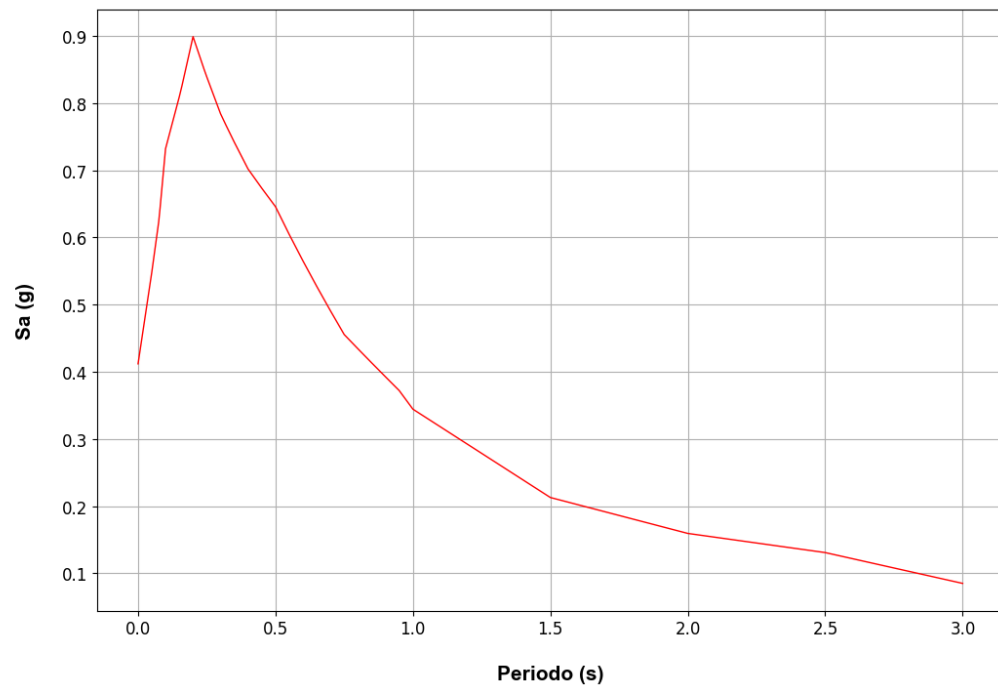


Figura 23

Espectros Objetivos EPU a periodos de retorno de 975 años

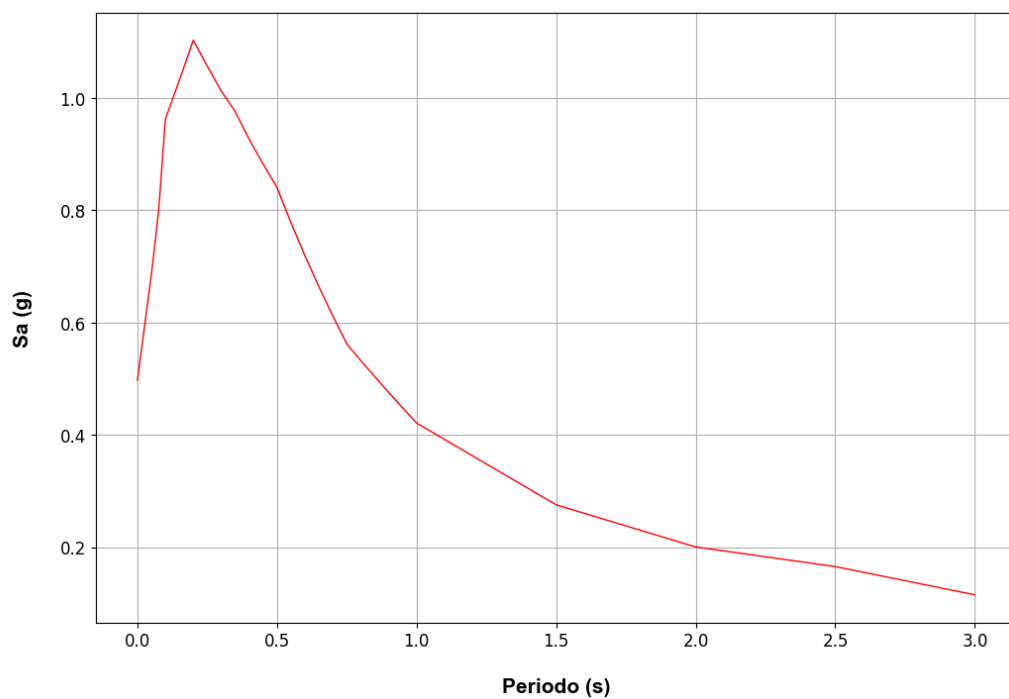
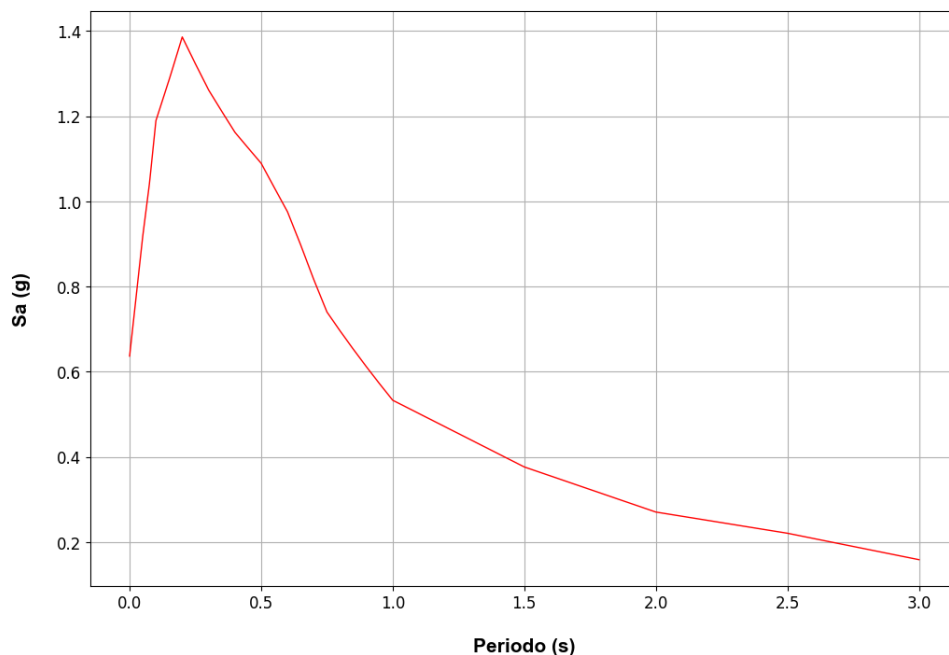


Figura 24

Espectros Objetivos EPU a periodos de retorno de 2475 años



4.4.3 Formación del espectro objetivo según EMC

Del procedimiento mencionado anteriormente, considerando el modelo de correlación entre periodos, $\rho(T^*, T)$, de Baker y Jayaram (2008), también se puede formar los Espectros Medios Condicionados a distintos periodos considerando los periodos de los modelos de estudio: 0.08s, 0.16s, 0.24s, 0.32s y 0.40s. En las Figura 25-

Figura 27

Espectro Objetivo EMC, condicionado a $T=0.08s$, a periodo de retorno de 2475 años se muestran los espectros EMC para el modelo con $T=0.08s$; sin embargo, los 15 espectros son presentados en el Anexo N° 05. Se observa que están condicionados a los valores espectrales del espectro EPU, de color negro, para su periodo de condicionamiento, 0.08s.

Figura 25

Espectro Objetivo EMC, condicionado a $T=0.08s$, a periodo de retorno de 475 años

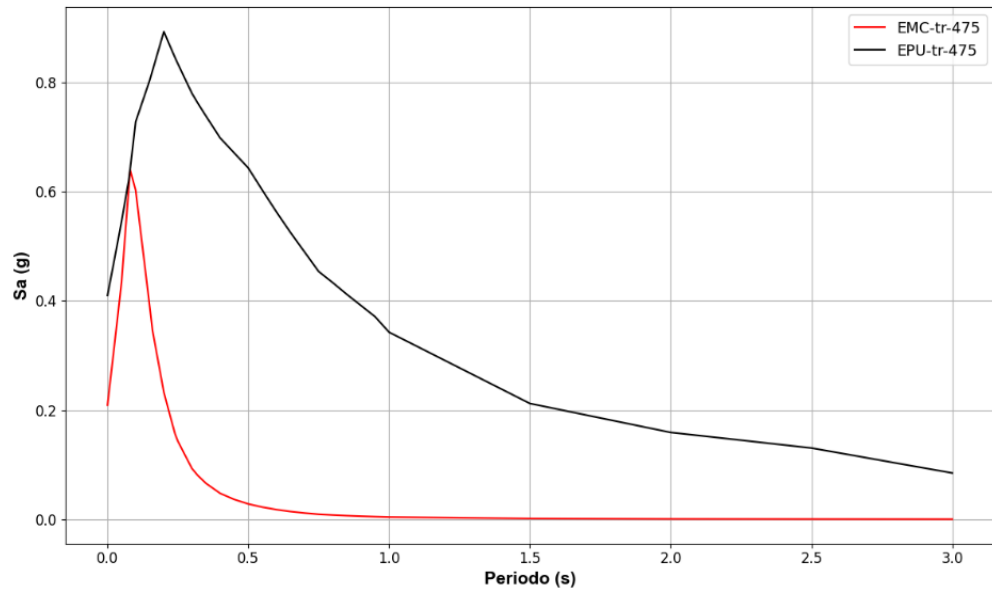


Figura 26

Espectro Objetivo EMC, condicionados a $T=0.08s$, a periodo de retorno de 975 años

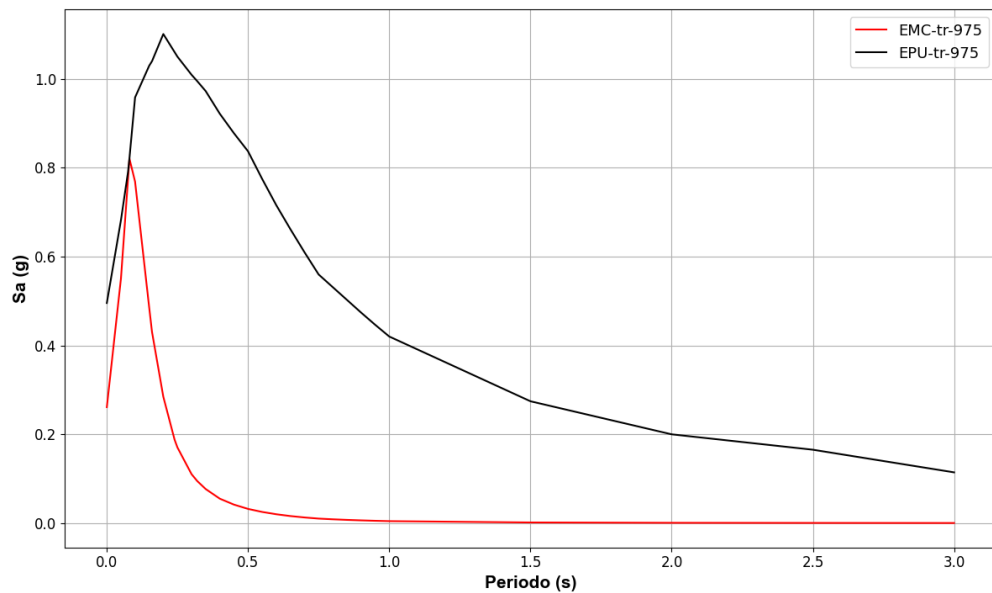
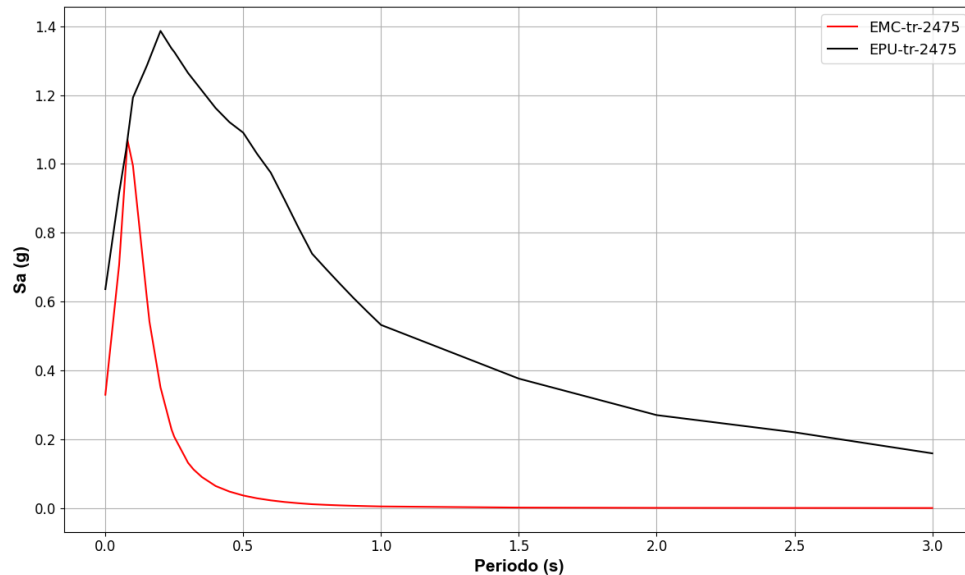


Figura 27

Espectro Objetivo EMC, condicionado a $T=0.08s$, a periodo de retorno de 2475 años



4.5 Normalización de los registros sísmicos

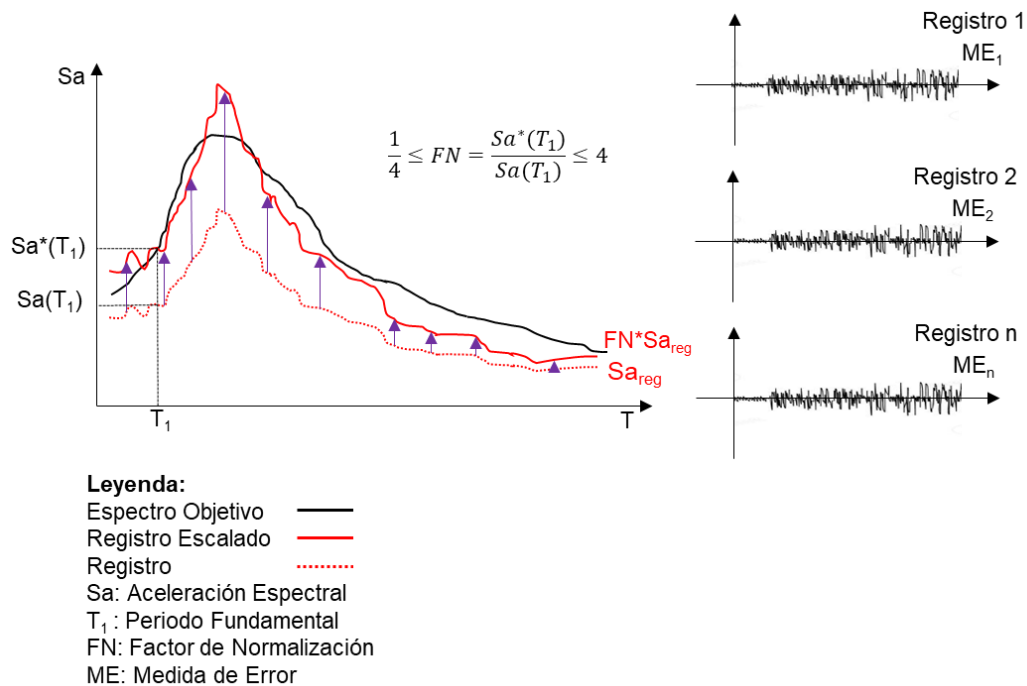
Ya teniendo el espectro objetivo seleccionado, se procede a escalar los registros de la base de datos según dos métodos:

- i) NSp: Normalizado de manera que la aceleración espectral del registro se ajuste a la aceleración espectral del espectro objetivo correspondiente al periodo fundamental.
- ii) NSr: Normalizado de manera que se ajuste al espectro objetivo en todo su rango.

El caso “i) NSp” (Haselton, 2009) consiste, en primera instancia, en identificar el periodo fundamental del modelo en estudio, T_1 . Consecuentemente, se identifica el valor de la aceleración espectral en el espectro de respuesta objetivo correspondiente a dicho periodo, $Sa^*(T_1)$. Previa identificación del valor espectral del registro a normalizar, $Sa(T_1)$, se determina el factor de normalización, $FN = \frac{Sa^*(T_1)}{Sa(T_1)}$. Finalmente, se verifica que el factor de normalización se encuentre dentro del rango de $\frac{1}{4}$ a 4 (Vanmarcke, 1979). El programa utilizado para el presente caso mide el error de los registros normalizados dentro del rango en comparación con el espectro objetivo empleado –según las medidas de error MSE, RMSE, MAPE, MAE–, almacena el factor de normalización, e identifica la cantidad de registros que pasan el máximo y mínimo valor del rango.

Figura 28

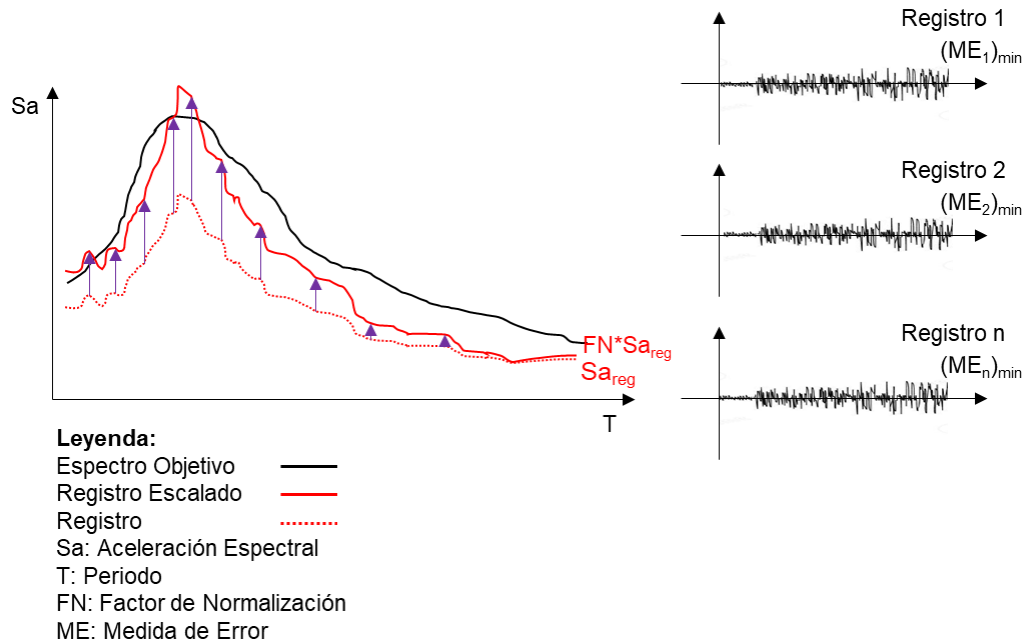
Esquema del proceso de escalado NSp



En el caso “ii) NSr” (Samanta & Huang, 2017) el programa primero escoge la medida de error a considerar –MSE, RMSE, MAPE, MAE–. Asimismo, define un rango de $\frac{1}{4}$ a 4 para el factor de normalización (Vanmarcke, 1979) y normaliza cada registro con cada factor dentro del rango de manera que dicho registro se ajuste mejor al espectro objetivo considerado. El programa almacena el error medido y el factor de normalización considerado.

Figura 29

Esquema del proceso de escalado NSr



4.6 Tipos de evaluaciones de los registros sísmicos

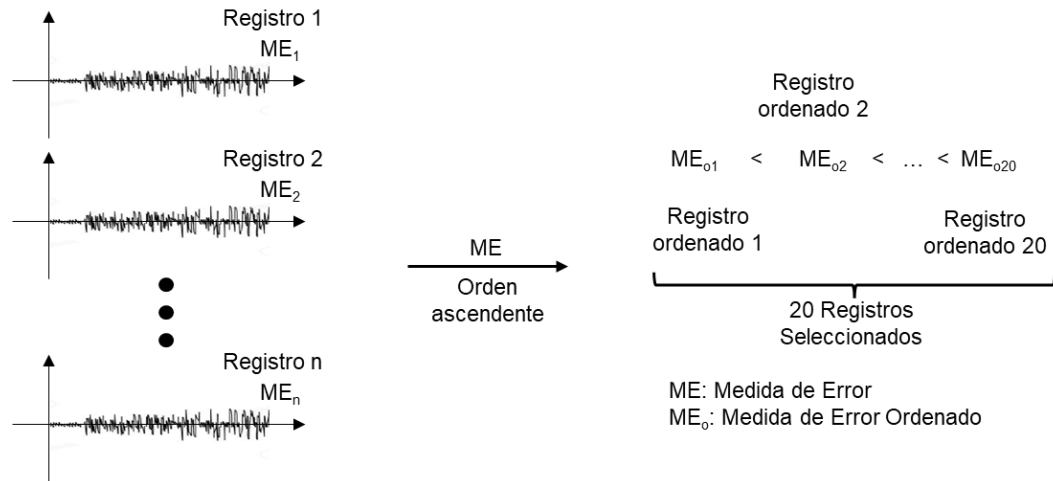
Después de haber normalizado todos los espectros de respuesta del banco de registros, se seleccionan aquellos espectros siguiendo tres métodos:

- i) Sbs: Selección de los veinte espectros de respuesta de mejor ajuste.
- ii) Sci: Selección basada en intervalos de confianza entre los percentiles 0.025 y 0.975.
- iii) Ssr: Selección basada en la aplicación de intervalos de confianza en la respuesta estructural.

El caso “i) Sbs” consiste en ordenar todos los registros normalizados de menor a mayor según la medida de error obtenida para cada uno. Consecuentemente, el programa registró los veinte primeros registros que son los seleccionados (American Society of Civil Engineers, 2023).

Figura 30

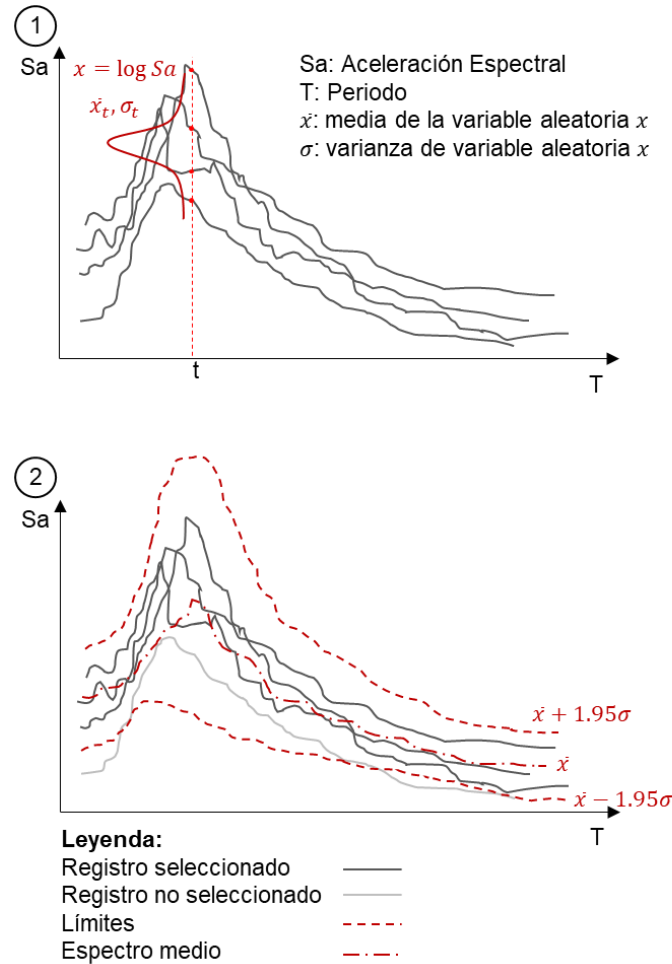
Esquema del caso de selección Sbs



En el caso “ii) Sci” (Moscoso & Saito, 2022) la variable aleatoria corresponde al logaritmo del valor espectral para cada valor del periodo. De esta manera, se determina la media y la desviación estándar de dicha variable, formando así un espectro medio y dos espectros límites, superior e inferior, correspondientes a los percentiles 0.025 y 0.975. Consecuentemente, se toman todos aquellos que se encuentran enmarcados entre ambos espectros límites. Este caso selecciona gran cantidad de registros debido a su alto nivel de confiabilidad, 95%; entonces, con la finalidad de poder estudiar los casos de manera comparativa, se tomaron solo los veinte registros mejores ajustados dentro de los seleccionados.

Figura 31

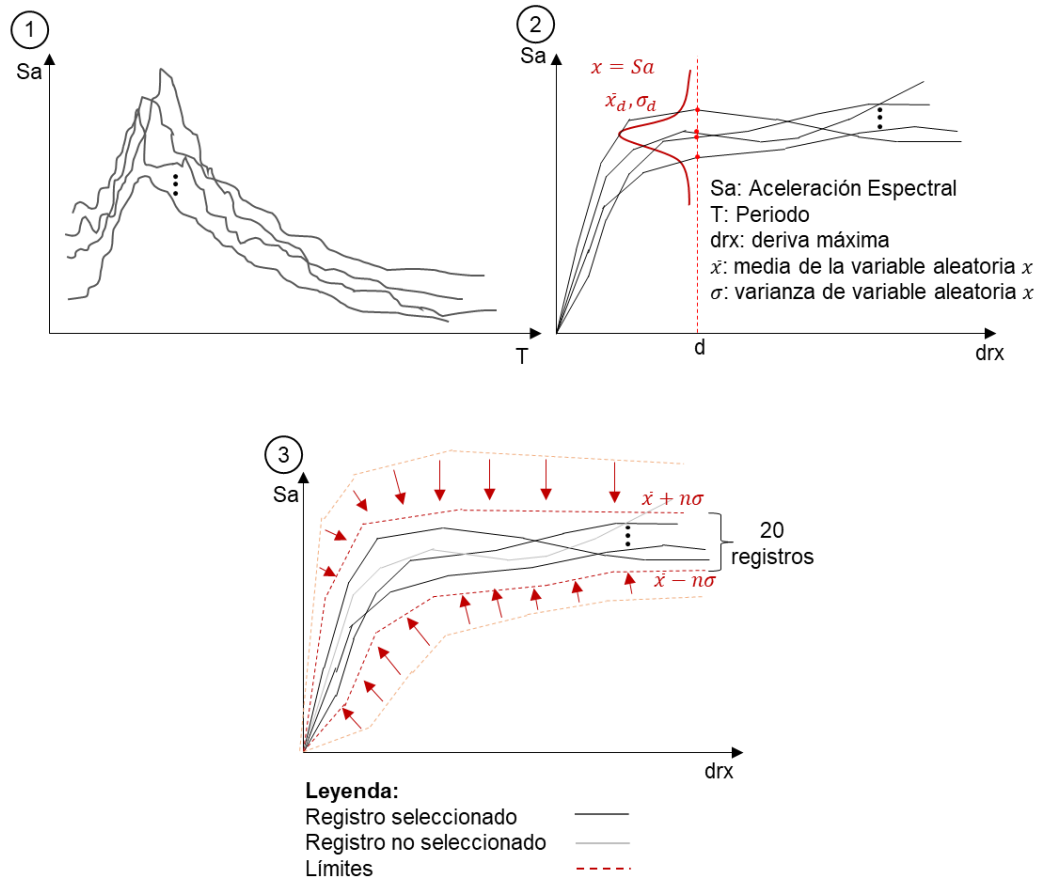
Esquema del caso de selección Sci



El caso “Ssr” (Moscoso & Saito, 2022) consiste en determinar la respuesta estructural de cada registro normalizado previo escalado. El rango empleado para los factores de escala, FS , considera los valores 0.25, 0.50, 0.75, 1.00, 1.10, 1.20, 1.30, 1.40, 1.50. Ello porque se apreció que el promedio de los PGA de los registros es 470 cm/s^2 - que es lo que equivale a un sismo con periodo de retorno de 475 años- y se buscó que los registros escalados superen escenarios de al menos 475 años de periodo de retorno. De esta manera, por cada registro normalizado, se generó una curva IDA compuesta por ocho puntos. De igual manera que en el caso anterior, por cada valor del parámetro de demanda se determina la media y la desviación estándar. Para este caso, el rango a escoger se determina de tal manera que los registros seleccionados son veinte con la finalidad de poder compararlos.

Figura 32

Esquema del caso de selección Ssr



4.7 Resultados de la selección

Los registros seleccionados para cada caso se encuentran en detalle en el Anexo N°06. Asimismo, en la **Tabla 20** se muestra el tiempo computacional de procesamiento de la corrida mediante la programación en Python. En primer lugar, se utilizó una laptop cuyas características se muestran a continuación:

- Sistema operativo: Windows 11 Pro
- Procesador: Intel® Core™ i7-8550 CPU @ 1.80GHz 1.99GHz
- Procesadores lógicos: 8
- RAM: 8.00 GB

Con la laptop se corrieron los casos Nmr – T=0.16s y Nmr – T=0.24s. En vista de que los casos generaban grandes tiempos computacionales, se decidió utilizar otro computador más potente cuyas características son:

- Sistema operativo: Windows 10
- Procesador: Intel® Core™ i9
- Procesadores lógicos: 24
- RAM: 8.00 GB

Tabla 20

Tiempo computacional, en horas, de corridas de análisis de cada modelo según los paquetes (M, R)

Modelo	Nmr	Ymr-I	Ymr-II	Ymr-III	Ymr-IV	Tiempo total (h)
T=0.08s	14.50	3.70	1.29	1.72	1.50	22.71
T=0.16s	344.11	2.99	1.08	1.47	1.23	350.88
T=0.24s	348.82	3.18	1.13	1.57	1.33	356.04
T=0.32s	16.57	3.19	1.14	1.61	1.45	23.97
T=0.40s	32.25	29.28	2.06	2.89	2.79	69.27

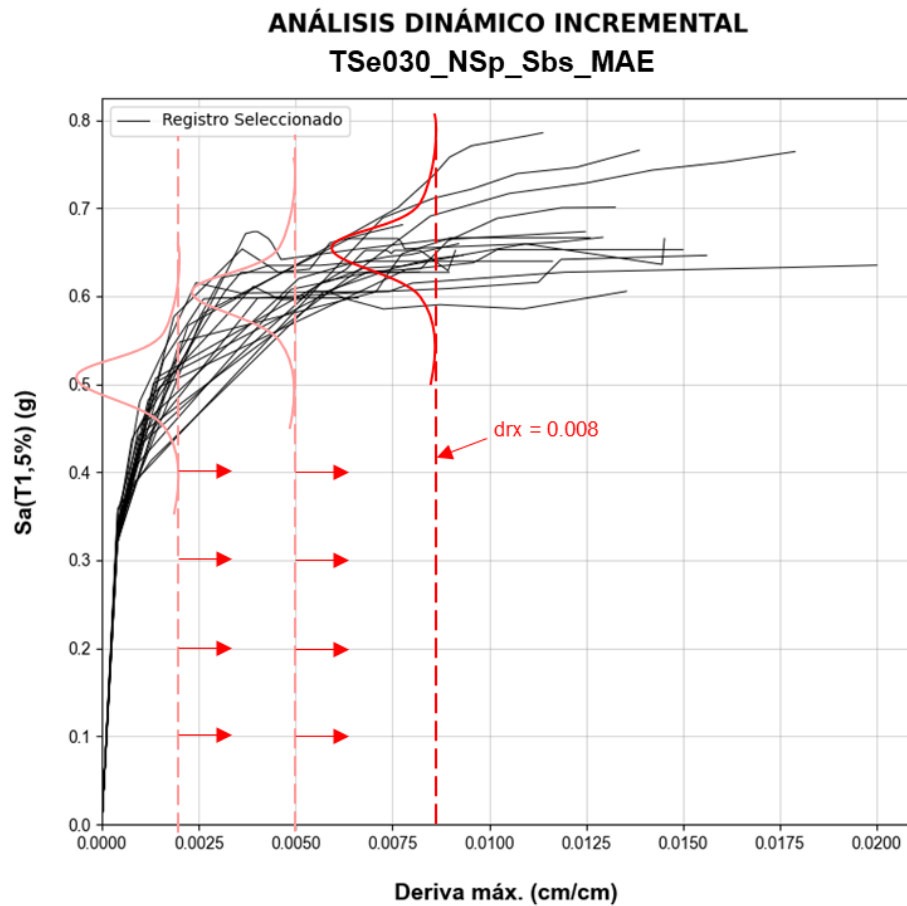
Capítulo V. Evaluación de la variabilidad de la respuesta estructural

5.1 Medición de la variabilidad de la respuesta estructural

Para la presente investigación se decidió medir la variabilidad, V , de la respuesta estructural de cada caso de criterio de selección con el objetivo de que sean valores representativos. Es decir, se apreció que la desviación estándar era variable a lo largo de las derivas máximas (ver Figura 33).

Figura 33

Variación de la desviación estándar a lo largo de las derivas máximas del caso Nmr – $T=0.16s$ – TSe030_NSp_Sbs_MAE



Por ello, se decidió integrar dicha función de manera que se considere toda la dispersión posible a lo largo del desarrollo de las curvas IDA (ver Figura 34),

$$V = \int_0^{d_{ux}} \sigma_{d_{rx}} \cdot d(d_{rx}) \quad (\text{Ec. 10})$$

Donde:

V : variabilidad (cm/s^2)

d_{rx} : deriva en la dirección x

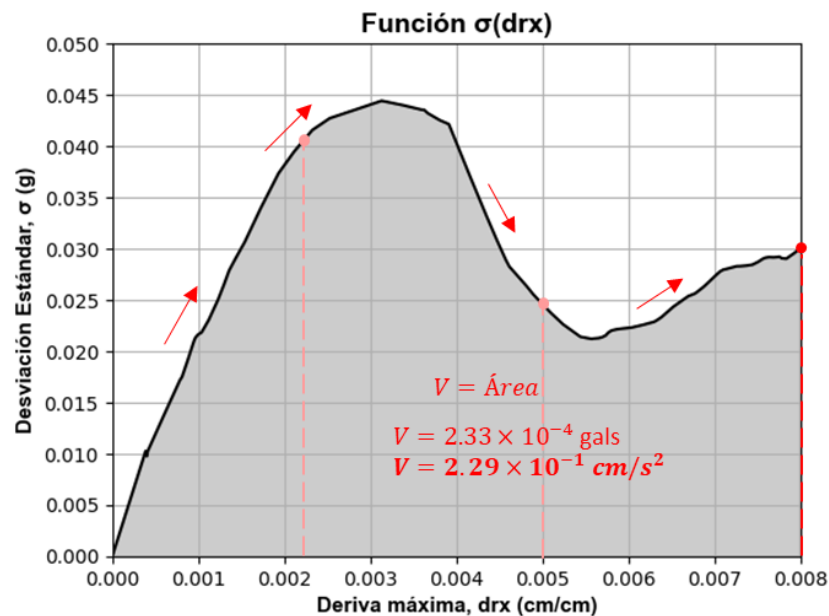
$\sigma_{d_{rx}}$: función desviación estándar dependiente de d_{rx}

d_{ux} : deriva en estado último en la dirección x , $d_{ux} = 8 \times 10^{-3}$

Nótese que los valores límites de la integral corresponden al inicio de las curvas IDA y a la deriva en el estado último del muro de albañilería. Para nuestro caso, se tomó el valor de 8×10^{-3} (Díaz et al., 2019). Asimismo, la unidad que se consideró para el parámetro V es cm/s^2 . Los valores del parámetro mencionado para cada combinación estudiada se muestran en el Anexo N°07.

Figura 34

Función desviación estándar del caso Nmr – $T=0.16\text{s}$ – TSe030_NSp_Sbs_MAE



5.2 Comparación de resultados

La comparación se realizó de manera que se puedan comparar los casos de manera estratégica con la finalidad de analizar las bondades de cada criterio de selección. Sin embargo, fue crucial conocer primero si las metodologías de selección generaron una reducción en la variabilidad de la respuesta estructural. En la **Tabla 21** se muestran los valores de variabilidad de los casos patrón para cada modelo propuesto. Asimismo, en la Figura 35 y Figura 36 se muestran los valores máximos y mínimos para cada modelo en estudio, y en la

Figura 37 se muestra que la cantidad de casos que redujeron su variabilidad por cada modelo no bajan del 90%. De manera general, se tiene que el 97.43% del total de los casos estudiados redujeron su variabilidad.

Tabla 21

Valores de variabilidad de los casos patrones

Modelo	Variabilidad (cm/s ²)
T= 0.08s (1 nivel)	4.93E-01
T= 0.16s (2 niveles)	5.30E-01
T= 0.24s (3 niveles)	5.39E-01
T= 0.32s (4 niveles)	6.25E-01
T= 0.40s (5 niveles)	7.02E-01

Figura 35

Variabilidad máxima por cada modelo

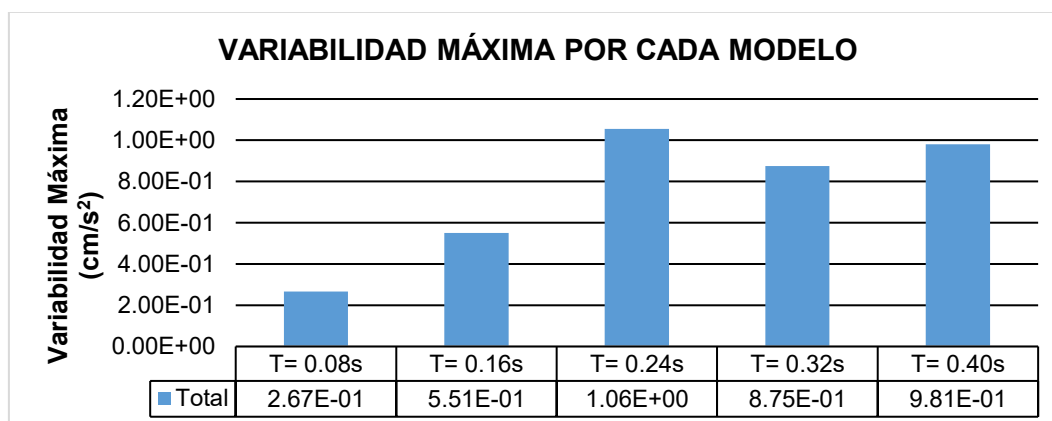


Figura 36

Variabilidad mínima por cada modelo

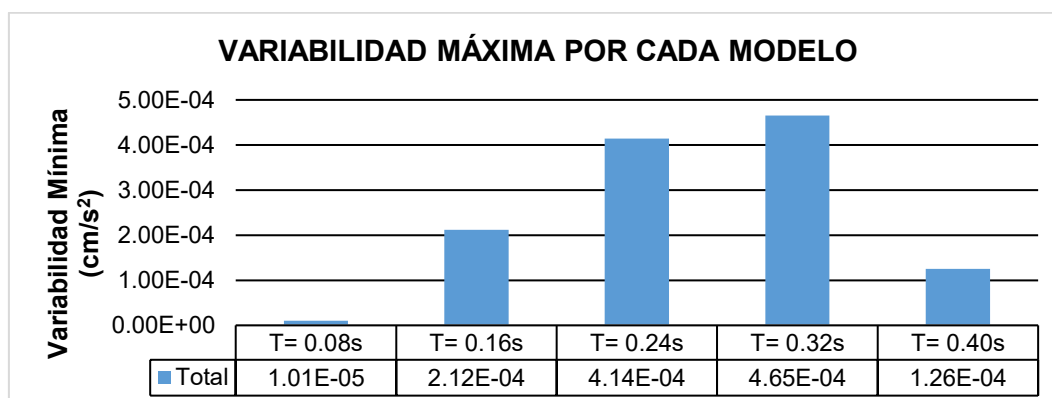
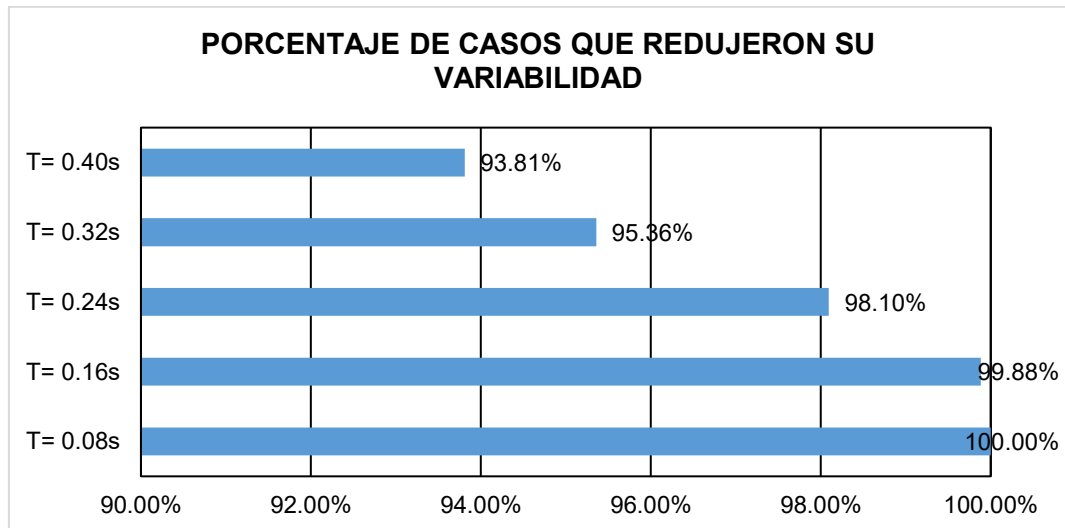


Figura 37

Porcentaje de casos que redujeron su variabilidad por modelo



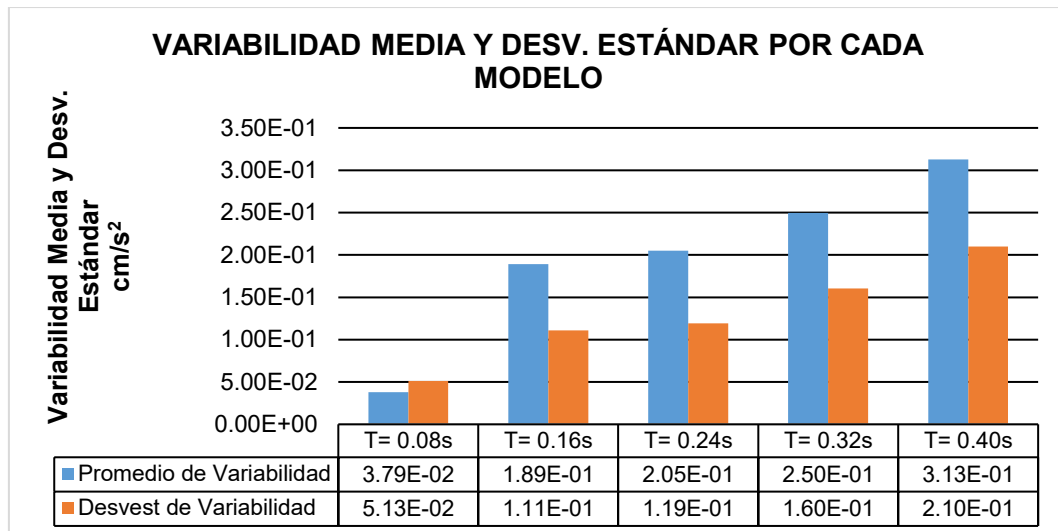
Para el análisis de influencia de los distintos factores estudiados, se tomó en cuenta la suma de la variabilidad de todos los casos correspondientes a dicho factor de estudio. Dicho análisis se explica en las líneas a continuación.

5.2.1 Análisis de la influencia del modelo en la variabilidad

La Figura 38 muestra que la variabilidad media de cada modelo aumenta conforme el periodo fundamental del modelo incrementa. Ello se debe a que la rigidez va disminuyendo conforme la altura de la edificación es aumentada, generando mayor variabilidad en la respuesta estructural.

Figura 38

Análisis de la influencia del modelo en la variabilidad media

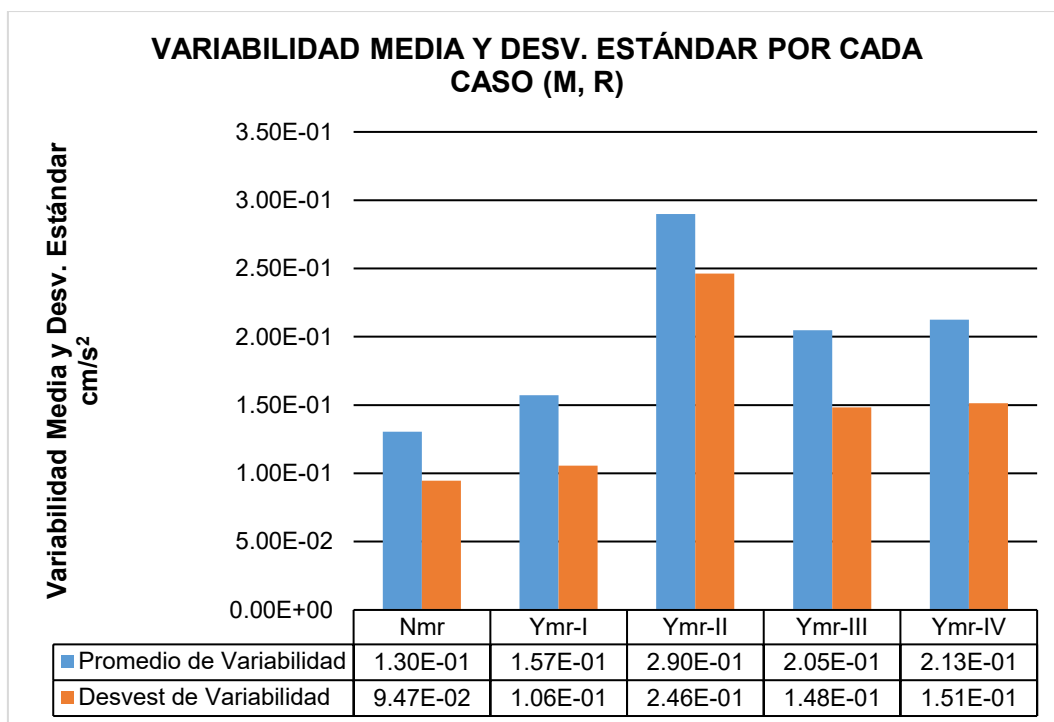


5.2.2 Análisis de la influencia de la magnitud y distancia epicentral en la variabilidad

De la Figura 39 se aprecia la variabilidad media por cada criterio (M, R). En primer lugar, para analizar la influencia de la distancia epicentral se compararon los casos Ymr-I e Ymr-III y se apreció que el primer par, cuyos registros presentan valores R pequeños, presenta menor variabilidad media que el caso Ymr-III, con mayores valores de distancia. Asimismo, se analizó la influencia de la magnitud comparando los casos Ymr-II e Ymr-IV y se apreció que el caso Ymr-II, con menores valores de magnitud, presenta mayor variabilidad media que el caso Ymr-IV. En conclusión, se muestra una tendencia donde aquellos criterios (M, R) donde la distancia epicentral es mayor, la variabilidad termina siendo mayor; y, por otra parte, cuando la magnitud disminuye, la variabilidad es mayor.

Figura 39

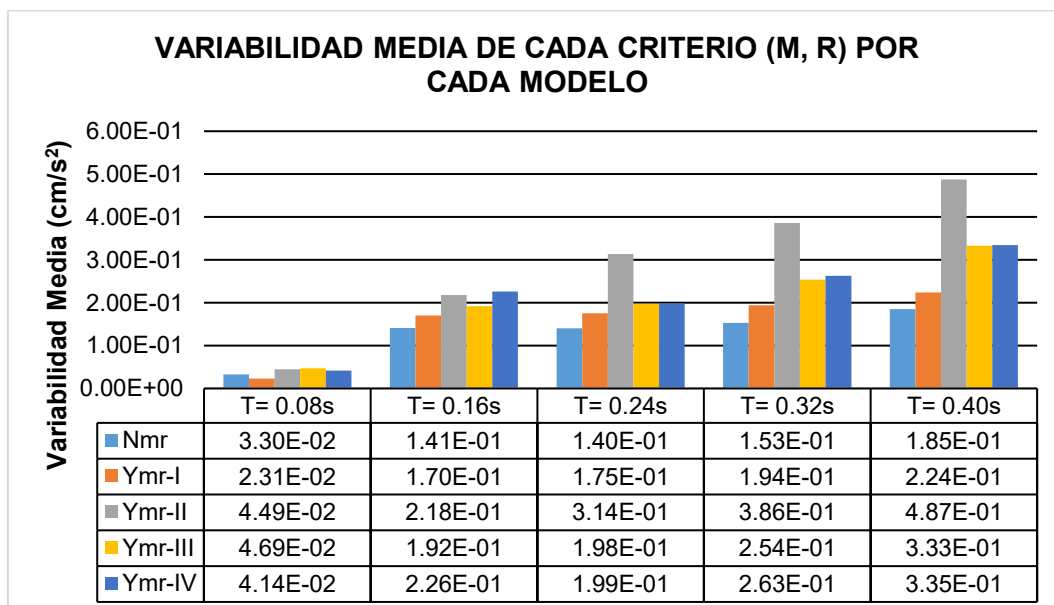
Análisis de la influencia del criterio (M, R) en la variabilidad media



Por otra parte, en la Figura 40 se observa que el caso Ymr-II presenta mayor variabilidad media que el caso Ymr-IV con excepción solo en el caso del modelo $T=0.16s$, donde es menor.

Figura 40

Análisis de la influencia del criterio (M, R) en la variabilidad media por cada modelo



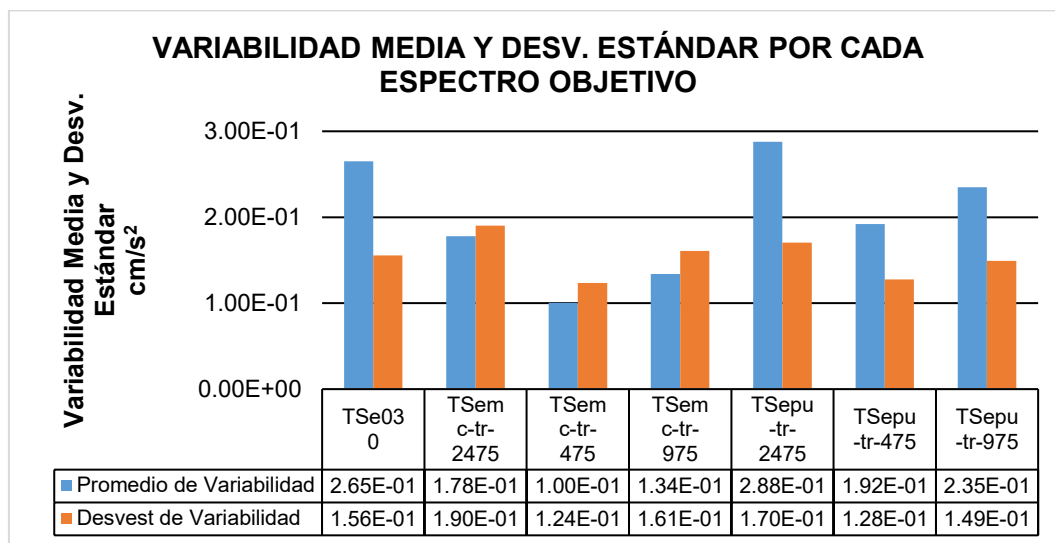
5.2.3 Análisis de la influencia del espectro objetivo en la variabilidad

En la Figura 41 se aprecia la variabilidad media y la desviación estándar por cada espectro objetivo estudiado. Asimismo, se aprecia que, para un espectro objetivo en específico, TSemc o TSepu, el periodo de retorno influye en la variabilidad de manera que a medida que el periodo aumenta, genera un incremento en dicho parámetro. A parte de ello, entre los espectros objetivo TSemc y TSepu, se aprecia que los segundos son aquellos que generan mayor variabilidad siempre y cuando los espectros sean análogos, es decir, con mismo periodo de retorno. Dicha tendencia también se puede apreciar en la Figura 44,

Figura 45 y Figura 46. Finalmente, entre los espectros objetivo TSe030, TSemc-tr-475 y TSepu-tr-475, el espectro medio condicionado es aquel que presenta menor variabilidad, mientras que el de la norma es aquel con el de mayor variabilidad considerando que dichos espectros representan sismos con periodos de retorno de 475 años.

Figura 41

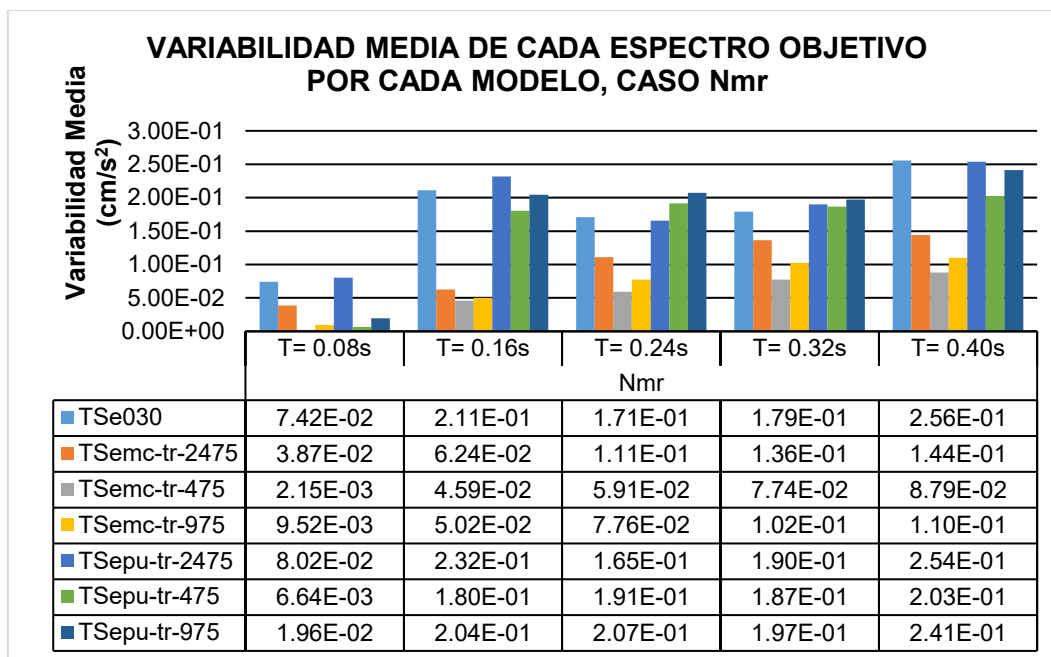
Análisis de la influencia del espectro objetivo en la variabilidad



Por otra parte, en la Figura 42 se puede apreciar una excepción en el caso particular Nmr para los modelos $T=0.24s$ y $T=0.32s$, donde la variabilidad media del espectro TSepu-tr-2475 es menor que la del TSepu-tr-975, e incluso menor que el del TSepu-tr-475 como es el caso del modelo $T=0.24s$.

Figura 42

Análisis de la influencia del espectro objetivo en la variabilidad por cada modelo, caso Nmr



Adicionalmente, en la Figura 43 se muestra nuevamente que para el modelo $T=0.24s$, la variabilidad media del espectro TSepu-tr-2475 es la menor de todos los espectros TSepu.

Figura 43

Análisis de la influencia del espectro objetivo en la variabilidad por cada modelo, caso Ymr-I

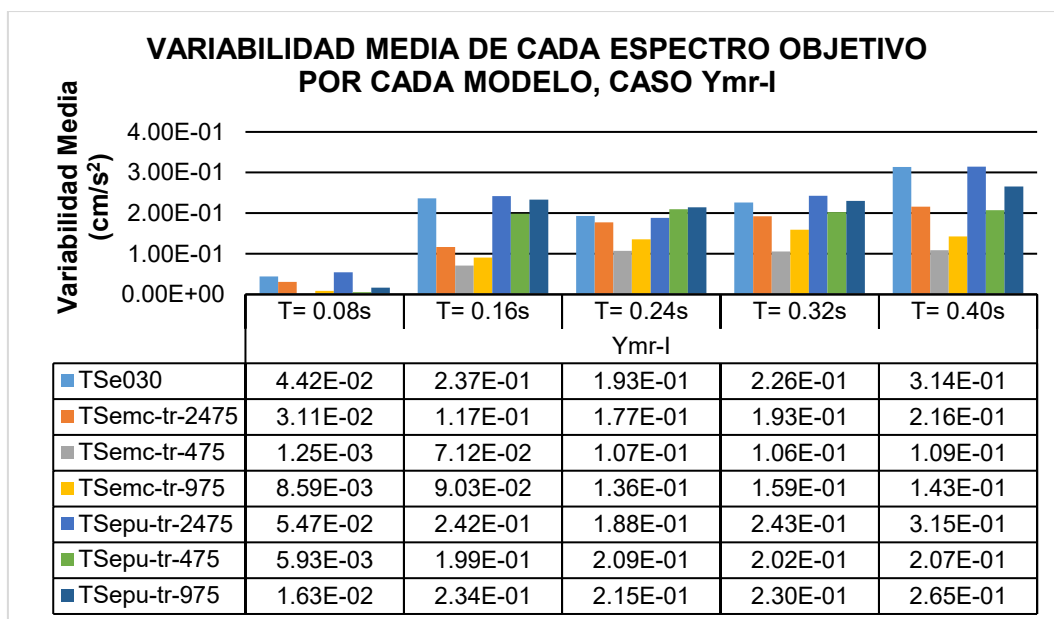


Figura 44

Análisis de la influencia del espectro objetivo en la variabilidad por cada modelo, caso Ymr-II

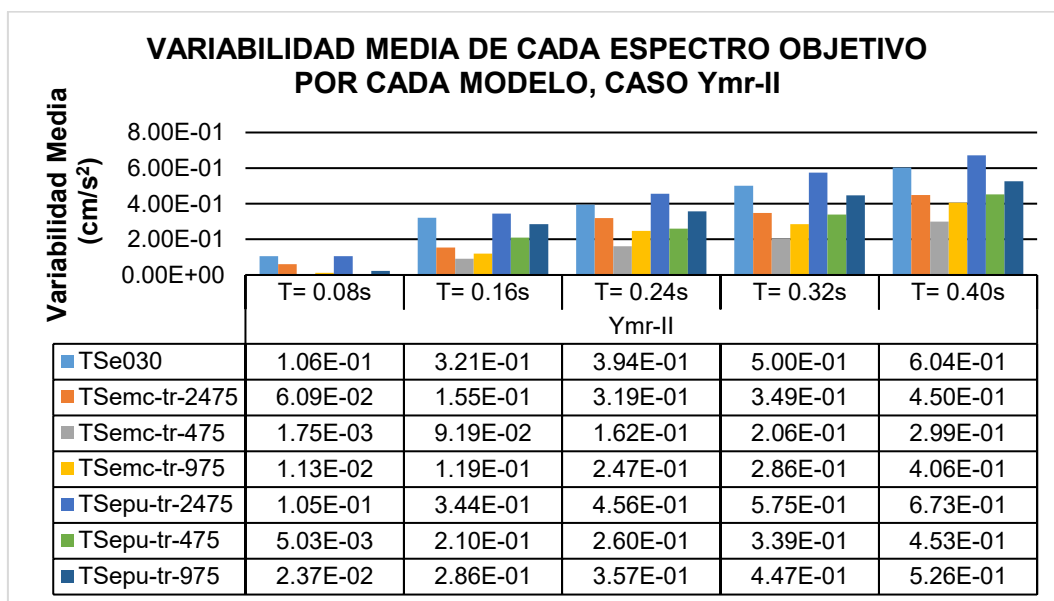


Figura 45

Análisis de la influencia del espectro objetivo en la variabilidad por cada modelo, caso Ymr-III

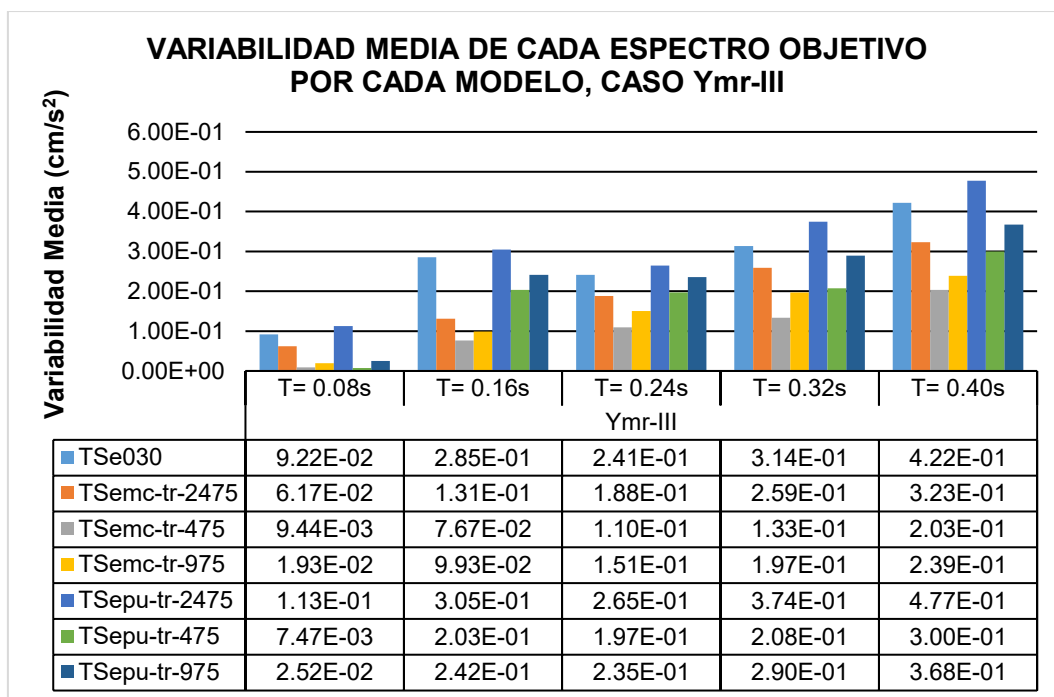
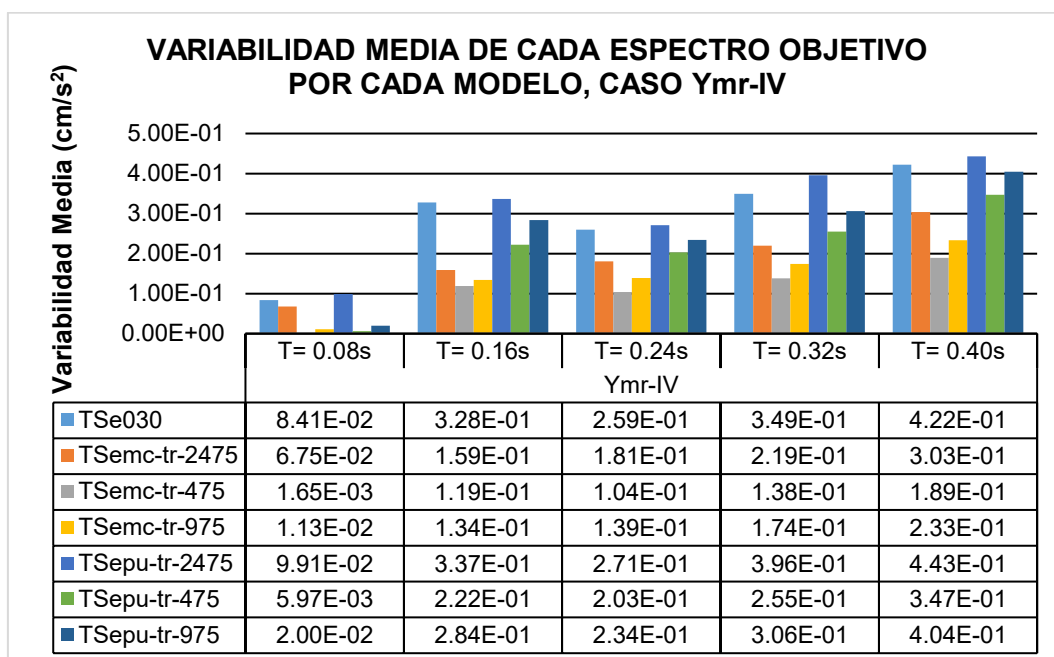


Figura 46

Análisis de la influencia del espectro objetivo en la variabilidad por cada modelo, caso Ymr-IV



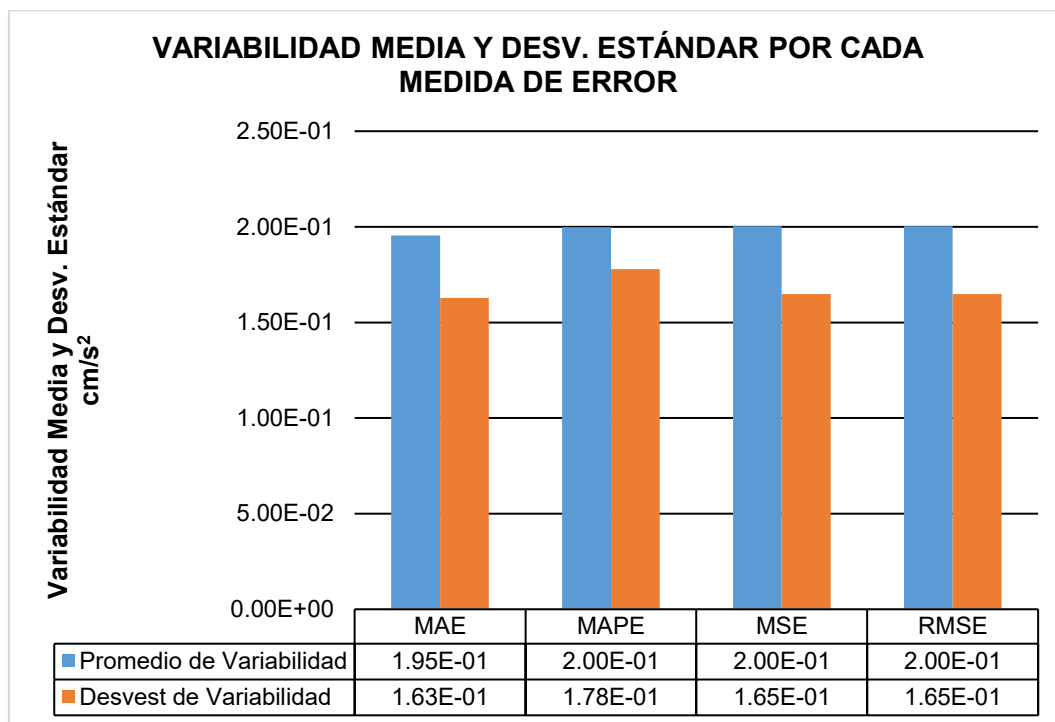
5.2.4 Análisis de la influencia de la medida de error en la variabilidad

En la Figura 47, se aprecia la variabilidad media y la desviación estándar por cada medida de error estudiada. Se aprecia que las variabilidades medias suelen ser próximas entre cada factor; sin embargo, se observa que, para la medida de error MAPE, se tiene

mucha mayor variabilidad de resultados respecto a las demás, y que, para la medida de error MAE, la variabilidad media es la menor al igual que su desviación estándar. Finalmente, se observa que las medidas MSE y RMSE obtienen los mismos resultados de variabilidad media y desviación estándar.

Figura 47

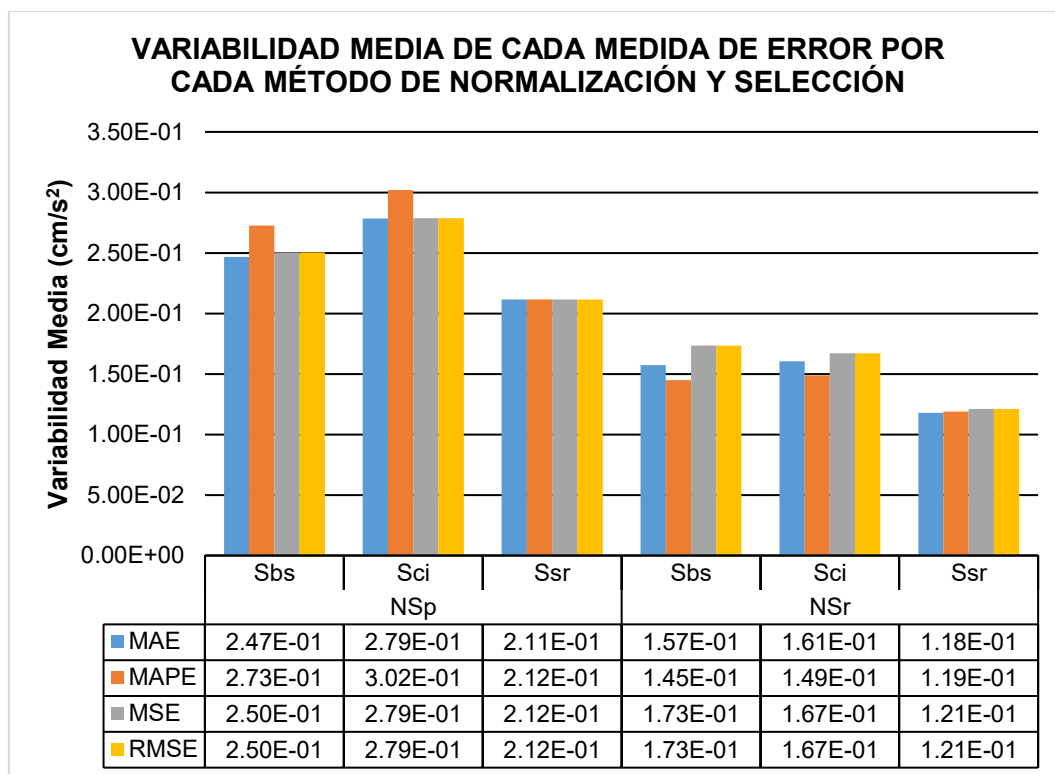
Análisis de la influencia de la medida de error en la variabilidad



En la Figura 48 se aprecia que la medida de error MAPE es la de mayor variabilidad media en casos donde el método de normalización es NSp, mientras que en el caso donde el método de normalización es NSr es la menor. Asimismo, se aprecia que en los casos donde se use la selección tipo Ssr, para cualquier método de normalización, la selección de la medida de error no afecta considerablemente en la variabilidad media que se produciría. Es decir, para los casos donde la selección se realiza en base a los espectros de respuesta elásticos, Sbs y Sci, el parámetro MAPE es mucho más sensible que cuando se selecciona mediante métodos aplicados directamente a la respuesta estructural obtenida, Ssr.

Figura 48

Análisis de la influencia de la medida de error en la variabilidad por cada método de normalización y selección

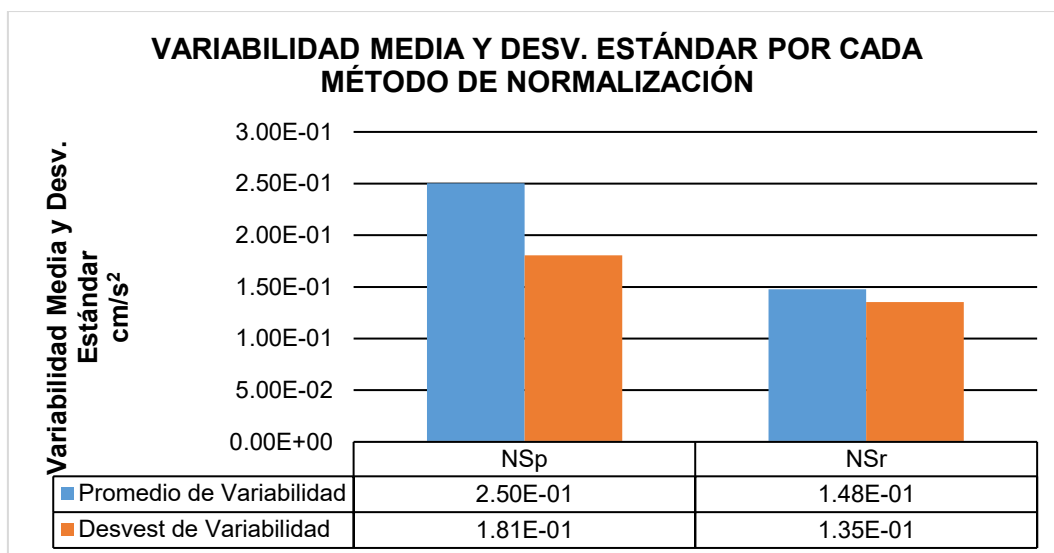


5.2.5 Análisis de la influencia del método de normalización en la variabilidad

La Figura 49 muestra la variabilidad media y la desviación estándar de la variabilidad en por cada método de normalización. Se aprecia que el método de normalización NSr es aquel que genera menor variabilidad media y menor variabilidad que aquel método NSp.

Figura 49

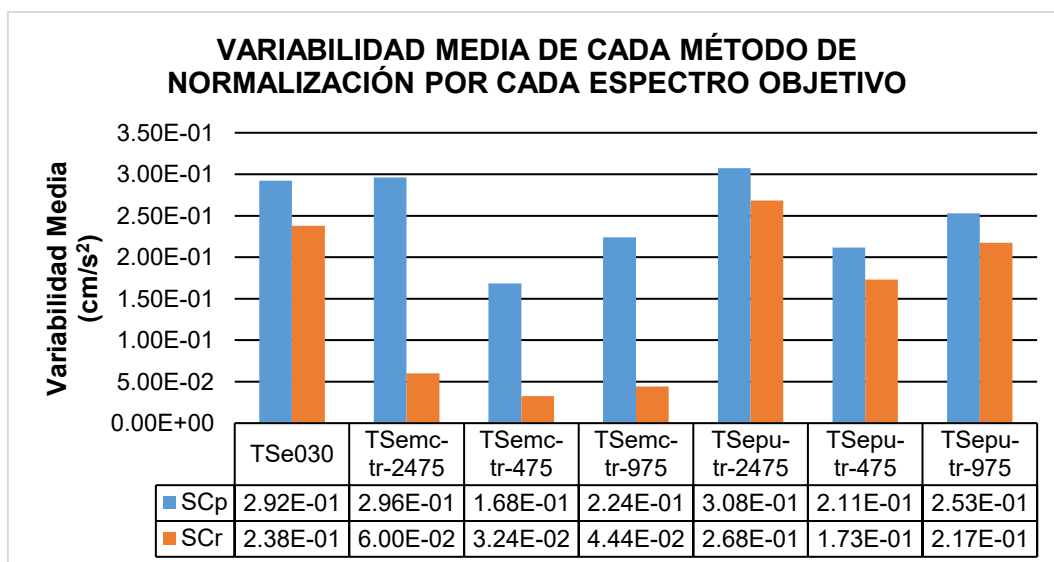
Análisis de la influencia del método de normalización en la variabilidad



En la Figura 50 se aprecia que la variabilidad media de los distintos métodos de normalización presenta una diferencia considerable para los espectros objetivo TSemc, mientras que para los espectros TSepu la diferencia es mucho menor. Asimismo, se aprecia que el espectro TSemc-tr-475 con normalización NSr es aquel que presenta menor variabilidad media, mientras que el espectro TSepu-tr-2475 con normalización NSp es aquel con mayor variabilidad media.

Figura 50

Análisis de la influencia del método de normalización en la variabilidad por cada espectro objetivo



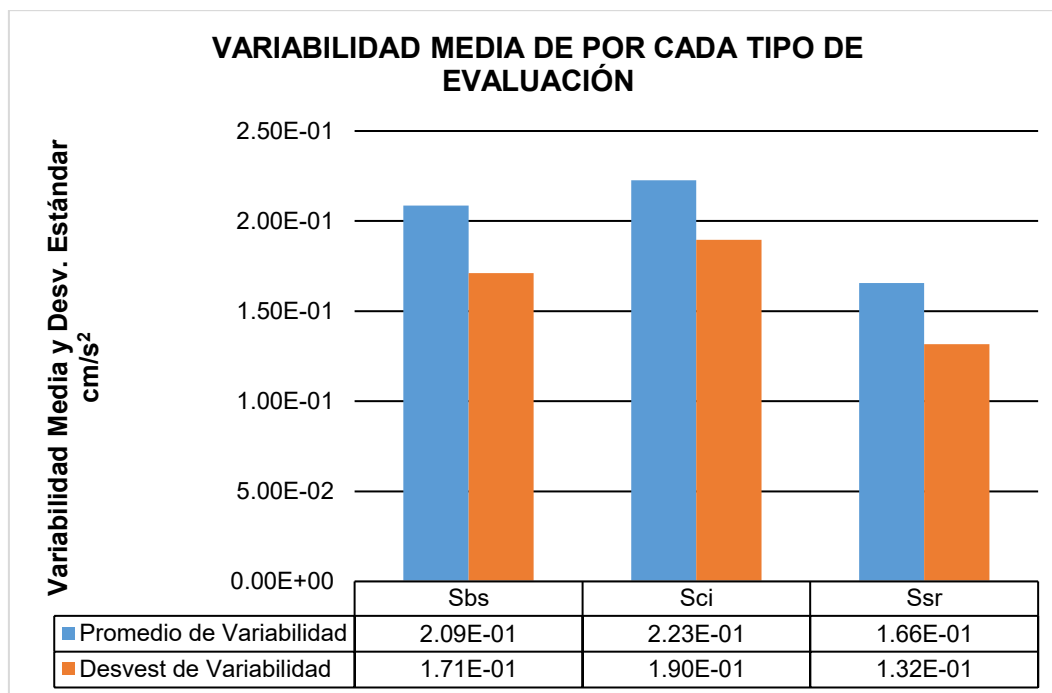
5.2.6 Análisis de la influencia del tipo de evaluación en la variabilidad

La Figura 51 muestra la variabilidad y la desviación estándar por cada tipo de evaluación. Se aprecia que el método Ssr es aquel que genera menor variabilidad media

y desviación estándar, mientras que el método Sci es aquel que genera mayores valores en ambos parámetros.

Figura 51

Análisis de la influencia del método de selección en la variabilidad



5.2.7 Recomendaciones para reducir la variabilidad de la respuesta estructural usando la selección de los registros sísmicos

De las tendencias identificadas en las líneas anteriores, se deducen las siguientes recomendaciones para reducir la variabilidad de la respuesta estructural empleando la selección de registros sísmicos.

Tabla 22

Recomendaciones para reducir la variabilidad de la respuesta estructural empleando la selección de registros sísmicos

Variable	Recomendación
I Magnitud y distancia epicentral	$\downarrow R, \uparrow M \rightarrow \downarrow \text{Variabilidad}$ $\uparrow R, \downarrow M \rightarrow \downarrow \text{Variabilidad}$
II Espectros Objetivos	El orden recomendado para tener menor variabilidad es: $Var_{emc} < Var_{epu} < Var_{e030}$
III Medidas de Error	Aplicando intervalos de confianza en la respuesta estructural: $NSr \rightarrow MAPE$ $NSp \rightarrow MAE, MSE \text{ o } RMSE$ Si no se aplican intervalos de confianza en la respuesta estructural: $MAPE, MAE, MSE \text{ o } RMSE$
IV Normalización	El orden recomendado en base a la variabilidad que generan es: $Var_{NSr} < Var_{NSp}$
V Tipo de Evaluaciones	El orden recomendado en base a la variabilidad que generan es: $Var_{SSr} < Var_{Sbs} < Var_{Sci}$

Conclusiones

Se mostró una metodología de selección de registros para disminuir la variabilidad en la respuesta estructural de 5 modelos estructurales. En base a ello, se concluye lo siguiente:

Los modelos histeréticos propuestos se tomaron de los estudios de varios muros de albañilería con ladrillos artesanales en Perú y fueron calibrados en base a la curva de capacidad de un muro de albañilería propuesto por Diaz et al. (2019). Dichos modelos se generaron partiendo de definir los periodos de 0.08 a 0.40s, de manera que representen 1 a 5 niveles.

La sistematización de registros sísmicos permitió analizar la influencia de los factores por separado en la variabilidad de la respuesta estructural de manera ordenada.

De los 8400 casos estudiados, el 97.43% representa la cantidad de casos cuya variabilidad se redujo. Asimismo, se observó que el porcentaje de casos cuya variabilidad se redujo iba disminuyendo conforme los modelos incrementaban su periodo. Así, el modelo de 1 nivel constaba del 100% de casos; el modelo de 2 niveles, de 99.88%; el modelo de 3 niveles, de 95.36%; el modelo de 4 niveles, 95.36%; y el modelo de 5 niveles, el 93.81%.

Se demostró que la variabilidad de los casos tiende a aumentar conforme la cantidad de niveles del edificio aumenta.

Para criterios de selección que correspondan al par (M, R), se mostró que aquellos pares que tenían mayor distancia epicentral generaban mayor variabilidad. Mientras que para aquellos pares con menor magnitud son aquellos que presentan mayor variabilidad en la respuesta estructural, salvo casos excepcionales que depende del periodo del modelo empleado.

Para efectos del espectro objetivo en la variabilidad de la respuesta estructural, se encontró, en primer lugar, que el espectro de la norma, TSe030, generaba mayor variabilidad, mientras que el espectro medio condicionado análogo TSemc-tr-475 era aquel que generaba menor variabilidad. Asimismo, se mostró que el espectro medio condicionado generaba menor variabilidad que el espectro de peligro uniforme. Además, para un determinado espectro objetivo dependiente del periodo de retorno, TSemc o TSePu, se encontró que la variabilidad incrementaba conforme el periodo de retorno era mayor.

Analizando el impacto de las medidas de error a emplear en el método de normalización, se identificó que la medida de error MAPE genera mayor variabilidad cuando se normaliza según el valor espectral en el periodo fundamental, NSp; y genera menor variabilidad cuando se normaliza según la forma espectral del espectro objetivo.

Ello, siempre y cuando el criterio de selección empleado se realice antes de realizar el análisis estructural. Es decir, cuando la selección solo depende de las propiedades del espectro de respuesta elástico del registro sísmico.

La medida de error en el método de normalización no tiene mucha influencia si la selección, mediante intervalos de confianza, se realiza en la respuesta estructural representada mediante las curvas IDA. Es decir, la variabilidad no se vería considerablemente afectada; sin embargo, las medidas de error MSE y RMSE son aquellas que generaron variabilidades numéricamente iguales en los resultados.

El método de normalización que menor variabilidad genera en la respuesta estructural es aquel que considera toda la forma espectral del espectro de respuesta elástico del registro sísmico, NSr. Mientras que la normalización que se realiza según el valor espectral en el periodo fundamental, NSp, es aquella que genera mayor variabilidad. Esta diferencia es mucho más notable cuando se emplea el espectro medio condicionado.

Finalmente, el tipo de evaluación que genera menor variabilidad en la respuesta estructural es aquel que se realiza después de ejecutar los análisis estructurales, Ssr; mientras que la selección que se realiza antes de generar la respuesta estructural es aquella que genera mayor variabilidad. Asimismo, si se desea seleccionar registros antes de determinar las curvas IDA para ahorrar tiempo computacional, el criterio de selección Sbs es aquel que genera menor variabilidad que el Sci.

Recomendaciones

Se recomienda profundizar mucho más en la influencia del criterio de la magnitud y la distancia en la selección de los registros sísmicos, de manera que se permita explicar de manera detallada a qué se deben las tendencias encontradas.

Se recomienda considerar otro tipo de espectros objetivos que la presente investigación no ha considerado como los registros artificiales para analizar su influencia en la variabilidad de la respuesta estructural.

Se recomienda ampliar el alcance de esta investigación de manera que se consideren modelos tridimensionales representativos para tener mejores estimaciones en la variabilidad.

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Anexo 1: Banco de registros sísmicos

N°	Sismo	Magnitud Original	Magnitud (Mw)	Latitud (°)	Longitud (°)	Profundidad (km)	Latitud de Estación (°)	Longitud de Estación (°)	Distancia Epicentral (Km)
1	JP_1996_21DEC	5.8 Mw	5.8	36.131	139.875	53	36.7258	139.7155	67.54
2	JP_1996_Nagano	5 Mw	5	38.803	140.597	10	38.7992	140.6507	4.68
3	JP_1997_13MAY	6.2 Mw	6.2	31.953	130.298	8	31.9006	130.4513	15.62
4	JP_1997_Kagoshima	6.3 Mw	6.3	31.986	130.365	8	31.9006	130.4513	12.5
5	JP_1997_Shizuoka	5 Mw	5	34.97	139.164	3	34.9652	139.1031	5.59
6	JP_2000_Mie	5.5 Mw	5.5	34.286	136.342	44	34.0637	136.1689	29.37
7	JP_2000_Tottori_01	7.3 Mw	7.3	35.278	133.345	11	35.1629	133.3063	13.25
8	JP_2000_Tottori_02	7.3 Mw	7.3	35.278	133.345	11	35.2963	133.2604	7.96
9	JP_2000_Tottori_03	7.3 Mw	7.3	35.278	133.345	11	35.1795	133.0929	25.42
10	JP_2000_Tottori_04	7.3 Mw	7.3	35.278	133.345	11	35.2235	133.0856	24.37
11	JP_2000_Tottori_05	7.3 Mw	7.3	35.278	133.345	11	35.2826	133.4876	12.98
12	JP_2001_Geiyo_01	6.4 Mw	6.4	34.123	132.705	51	34.5183	133.1375	59.22
13	JP_2001_Geiyo_02	6.4 Mw	6.4	34.123	132.705	51	33.7112	132.8032	46.57
14	JP_2001_Geiyo_03	6.4 Mw	6.4	34.123	132.705	51	34.3736	133.0236	40.42
15	JP_2003_Hokkaido_01	8 Mw	8	41.781	144.074	42	43.1211	143.6181	153.51
16	JP_2003_Hokkaido_02	8 Mw	8	41.781	144.074	42	42.8114	143.5203	123.23
17	JP_2003_Hokkaido_03	8 Mw	8	41.781	144.074	42	42.9283	143.4483	137.47
18	JP_2003_Hokkaido_04	8 Mw	8	41.781	144.074	42	43.6619	145.1307	226.16
19	JP_2003_Hokkaido_05	8 Mw	8	41.781	144.074	42	43.3852	145.284	204.01
20	JP_2003_Hokkaido_06	8 Mw	8	41.781	144.074	42	43.0767	145.1296	168.11
21	JP_2003_Hokkaido_07	8 Mw	8	41.781	144.074	42	43.1486	144.4976	155.86
22	JP_2003_Hokkaido_08	8 Mw	8	41.781	144.074	42	42.8526	143.8636	120.29
23	JP_2003_Hokkaido_09	8 Mw	8	41.781	144.074	42	42.2864	143.312	84.46
24	JP_2003_Hokkaido_10	7.1 Mw	7.1	41.71	143.691	21	42.1678	142.7673	91.94
25	JP_2003_Hokkaido_11	8 Mw	8	41.781	144.074	42	43.1142	144.123	148.15
26	JP_2003_Hokkaido_12	8 Mw	8	41.781	144.074	42	43.3848	144.6279	183.87
27	JP_2003_Hokkaido_13	8 Mw	8	41.781	144.074	42	43.6772	144.9618	222.84
28	JP_2003_Hokkaido_14	8 Mw	8	41.781	144.074	42	43.3978	145.1224	199.15
29	JP_2003_Miyagi_01	7 Mw	7	38.808	141.678	71	39.1809	141.3909	48.29
30	JP_2003_Miyagi_02	7 Mw	7	38.808	141.678	71	38.8654	141.3512	29.08
31	JP_2003_Miyagi_03	8 Mw	8	41.781	144.074	42	43.2084	145.1168	180.25
32	JP_2003_Miyagi_04	7 Mw	7	38.808	141.678	71	39.463	141.6775	72.72
33	JP_2003_Miyagi_05	7 Mw	7	38.808	141.678	71	39.4734	141.9336	77.11
34	JP_2003_Miyagi_06	7 Mw	7	38.808	141.678	71	39.2741	141.8233	53.25
35	JP_2003_Miyagi_07	7 Mw	7	38.808	141.678	71	39.0307	141.532	27.78
36	JP_2003_Miyagi_08	7 Mw	7	38.808	141.678	71	38.9207	141.6377	12.99
37	JP_2003_Miyagi_09	7 Mw	7	38.808	141.678	71	38.786	141.3254	30.73
38	JP_2003_Miyagi_10	7 Mw	7	38.808	141.678	71	38.5793	140.7804	82.11
39	JP_2004_06DIC	6.9 Mw	6.9	42.848	145.343	46	43.2084	145.1168	44.08
40	JP_2004_14DEC	6.1 Mw	6.1	44.075	141.699	9	44.1486	141.6642	8.64
41	JP_2004_23OCT	5.7 Mw	5.7	37.295	138.875	12	37.3057	138.7898	7.65
42	JP_2004_25OCT	5.8 Mw	5.8	37.33	138.947	15	37.2332	138.962	10.83

43	JP_2004_27OCT_01	6.1 Mw	6.1	37.291	139.032	12	37.3421	139.3147	25.69
44	JP_2004_27OCT_02	6.1 Mw	6.1	37.291	139.032	12	37.3057	138.7898	21.54
45	JP_2004_27OCT_03	6.1 Mw	6.1	37.291	139.032	12	37.2332	138.962	8.93
46	JP_2004_29NOV_01	7.1 Mw	7.1	42.946	145.274	48	43.2326	145.2604	31.86
47	JP_2004_29NOV_02	7.1 Mw	7.1	42.946	145.274	48	43.368	145.8026	63.61
48	JP_2004_29NOV_03	7.1 Mw	7.1	42.946	145.274	48	43.22	144.4285	75.28
49	JP_2004_Chuetzu_01	6.8 Mw	6.8	37.291	138.867	13	37.3057	138.7898	7.04
50	JP_2004_Chuetzu Aftershock_02	5 Mw	5	37.245	138.825	11	37.3057	138.7898	7.42
51	JP_2004_Chuetzu_03	6.8 Mw	6.8	37.291	138.867	13	37.6527	139.0676	43.89
52	JP_2004_Chuetzu_04	6.8 Mw	6.8	37.291	138.867	13	37.1281	138.7468	20.99
53	JP_2004_Chuetzu_05	6.8 Mw	6.8	37.291	138.867	13	37.4261	138.8862	15.09
54	JP_2004_Chuetzu_06	6.8 Mw	6.8	37.291	138.867	13	37.4272	138.8876	15.23
55	JP_2004_Chuetzu_07	6.8 Mw	6.8	37.291	138.867	13	37.1728	138.744	17.07
56	JP_2005_Miyagi_01	7.2 Mw	7.2	38.15	142.278	42	38.7348	141.3106	106.52
57	JP_2005_Miyagi_02	7.2 Mw	7.2	38.15	142.278	42	37.9411	140.8924	123.81
58	JP_2007_16JUL	6.8 Mw	6.8	37.557	138.608	17	37.3724	138.5579	20.96
59	JP_2007_Noto_01	6.9 Mw	6.9	37.22	136.685	11	37.1602	136.6897	6.65
60	JP_2007_Noto_02	6.9 Mw	6.9	37.22	136.685	11	37.2307	136.9039	19.46
61	JP_2008_Iwate_01	7.2 Mw	7.2	39.028	140.88	8	38.7292	141.0217	35.38
62	JP_2008_Iwate_02	7.2 Mw	7.2	39.028	140.88	8	39.174	140.7129	21.72
63	JP_2008_Iwate_03	7.2 Mw	7.2	39.028	140.88	8	38.969	141.0013	12.38
64	JP_2008_Iwate_04	7.2 Mw	7.2	39.028	140.88	8	38.7992	140.6507	32.26
65	JP_2009_Shizuoka_01	6.5 Mw	6.5	34.785	138.498	23	35.0146	138.3526	28.73
66	JP_2009_Shizuoka_02	6.5 Mw	6.5	34.785	138.498	23	34.7402	138.2241	25.56
67	JP_2009_Shizuoka_03	6.5 Mw	6.5	34.785	138.498	23	34.7988	138.7724	25.16
68	JP_2011_12APR	6.4 Mw	6.4	37.052	140.643	15	37.2169	140.5703	19.41
69	JP_2011_15MAR	6.4 Mw	6.4	35.308	138.713	14	35.2128	138.6016	14.64
70	JP_2011_16AGO_01	7.2 Mw	7.2	38.15	142.278	42	38.7262	141.5109	92.61
71	JP_2011_16AGO_02	7.2 Mw	7.2	38.15	142.278	42	38.3052	141.5044	69.89
72	JP_2011_16APR_01	5.9 Mw	5.9	36.34	139.945	79	36.1587	140.4892	52.89
73	JP_2011_16APR_02	5.4 Mw	5.4	34.79	136.407	16	34.8569	136.4493	8.37
74	JP_2011_16APR_03	5.4 Mw	5.4	34.79	136.407	16	34.8224	136.4245	3.93
75	JP_2011_19MAR_01	6.1 Mw	6.1	36.783	140.57	5	36.5915	140.6453	22.29
76	JP_2011_19MAR_02	6.1 Mw	6.1	36.783	140.57	5	36.5516	140.4102	29.39
77	JP_2011_Fukushima_01	7 Mw	7	36.945	140.672	6	36.5915	140.6453	39.3
78	JP_2011_Fukushima_02	6.4 Mw	6.4	37.052	140.643	15	36.9069	140.7929	20.91
79	JP_2011_Fukushima_03	7 Mw	7	36.945	140.672	6	37.1228	140.1914	47.09
80	JP_2011_Fukushima_04	7 Mw	7	36.945	140.672	6	37.2169	140.5703	31.5
81	JP_2011_Fukushima_05	7 Mw	7	36.945	140.672	6	36.5516	140.4102	49.52
82	JP_2011_Fukushima_06	7 Mw	7	36.945	140.672	6	36.7955	140.575	18.71
83	JP_2011_Miyagi_01	7.1 Mw	7.1	38.203	141.92	66	39.3209	141.1378	141.5
84	JP_2011_Miyagi_02	7.1 Mw	7.1	38.203	141.92	66	37.6799	140.7346	119.28
85	JP_2011_Miyagi_03	7.1 Mw	7.1	38.203	141.92	66	38.8654	141.3512	88.69
86	JP_2011_Miyagi_04	7.1 Mw	7.1	38.203	141.92	66	39.1809	141.3909	117.91
87	JP_2011_Miyagi_05	7.1 Mw	7.1	38.203	141.92	66	38.5801	140.9654	93.31
88	JP_2011_Miyagi_06	7.1 Mw	7.1	38.203	141.92	66	38.5793	140.7804	107.97

89	JP_2011_Miyagi_07	7.1 Mw	7.1	38.203	141.92	66	37.9411	140.8924	94.74
90	JP_2011_Miyagi_08	7.1 Mw	7.1	38.203	141.92	66	37.7949	140.9196	98.86
91	JP_2011_Miyagi_09	7.1 Mw	7.1	38.203	141.92	66	37.5031	140.7588	128.37
92	JP_2011_Miyagi_10	7.1 Mw	7.1	38.203	141.92	66	39.0187	141.4031	101.12
93	JP_2011_Miyagi_11	7.1 Mw	7.1	38.203	141.92	66	38.9334	141.1173	107.09
94	JP_2011_Miyagi_12	7.1 Mw	7.1	38.203	141.92	66	39.2741	141.8233	119.2
95	JP_2011_Miyagi_13	7.1 Mw	7.1	38.203	141.92	66	38.969	141.0013	116.78
96	JP_2011_Miyagi_14	7.1 Mw	7.1	38.203	141.92	66	39.0094	140.864	128.35
97	JP_2011_Miyagi_15	7.1 Mw	7.1	38.203	141.92	66	38.9015	141.5684	83.38
98	JP_2011_Miyagi_16	7.1 Mw	7.1	38.203	141.92	66	38.5876	141.251	72.38
99	JP_2011_Miyagi_17	7.1 Mw	7.1	38.203	141.92	66	38.2663	140.9293	87.02
100	JP_2011_Miyagi_18	7.1 Mw	7.1	38.203	141.92	66	38.786	141.3254	82.94
101	JP_2011_Tohoku_01	9 Mw	9	38.103	142.86	24	37.7949	140.9196	173.94
102	JP_2011_Tohoku_02	9 Mw	9	38.103	142.86	24	37.1616	140.093	265.64
103	JP_2011_Tohoku_03	9 Mw	9	38.103	142.86	24	38.3177	140.6357	196.25
104	JP_2011_Tohoku_04	9 Mw	9	38.103	142.86	24	37.2006	140.3386	244
105	JP_2011_Tohoku_05	9 Mw	9	38.103	142.86	24	35.9537	140.3194	328.6
106	JP_2011_Tohoku_06	9 Mw	9	38.103	142.86	24	36.8369	140.3181	265.14
107	JP_2011_Tohoku_07	9 Mw	9	38.103	142.86	24	39.0307	141.532	154.92
108	JP_2011_Tohoku_08	9 Mw	9	38.103	142.86	24	38.7348	141.3106	152.4
109	JP_2011_Tohoku_09	9 Mw	9	38.103	142.86	24	38.4466	140.8874	176.77
110	JP_2011_Tohoku_10	9 Mw	9	38.103	142.86	24	37.3961	140.3622	233.69
111	JP_2011_Tohoku_11	9 Mw	9	38.103	142.86	24	37.2169	140.5703	224.69
112	JP_2011_Tohoku_12	9 Mw	9	38.103	142.86	24	38.1049	140.8699	174.55
113	JP_2011_Tohoku_13	9 Mw	9	38.103	142.86	24	36.7955	140.575	248.86
114	JP_2011_Tohoku_14	9 Mw	9	38.103	142.86	24	37.1228	140.1914	259.51
115	JP_2011_Tohoku_15	9 Mw	9	38.103	142.86	24	37.4774	139.9294	267.3
116	JP_2011_Tohoku_16	9 Mw	9	38.103	142.86	24	37.4894	140.538	215.54
117	JP_2011_Tohoku_17	9 Mw	9	38.103	142.86	24	36.7061	140.7068	245.71
118	JP_2011_Tohoku_18	9 Mw	9	38.103	142.86	24	35.9112	140.0494	348.88
119	JP_2011_Tohoku_19	9 Mw	9	38.103	142.86	24	38.969	141.0013	188.42
120	JP_2011_Tohoku_20	9 Mw	9	38.103	142.86	24	36.8061	139.4204	336.62
121	JP_2011_Tohoku_21	9 Mw	9	38.103	142.86	24	36.548	140.0751	301.15
122	JP_2011_Tohoku_22	9 Mw	9	38.103	142.86	24	38.5793	140.7804	189.33
123	JP_2011_Tohoku_23	9 Mw	9	38.103	142.86	24	36.1843	139.9653	333.86
124	JP_2011_Tohoku_24	9 Mw	9	38.103	142.86	24	39.3367	141.5378	178.82
125	JP_2011_Tohoku_25	9 Mw	9	38.103	142.86	24	39.174	140.7129	221.53
126	JP_2011_Tohoku_26	9 Mw	9	38.103	142.86	24	35.7943	140.0564	357.74
127	JP_2011_Tohoku_27	9 Mw	9	38.103	142.86	24	37.8449	140.6013	200.51
128	JP_2011_Tohoku_28	9 Mw	9	38.103	142.86	24	37.6385	140.9849	172.85
129	JP_2011_Tohoku_29	9 Mw	9	38.103	142.86	24	37.4363	140.5668	215.16
130	JP_2011_Tohoku_30	9 Mw	9	38.103	142.86	24	37.2778	140.6349	216.57
131	JP_2011_Tohoku_31	9 Mw	9	38.103	142.86	24	37.603	140.4368	220.35
132	JP_2011_Tohoku_32	9 Mw	9	38.103	142.86	24	37.3364	140.8132	199.5
133	JP_2011_Tohoku_33	9 Mw	9	38.103	142.86	24	37.353	140.4264	230.11
134	JP_2011_Tohoku_34	9 Mw	9	38.103	142.86	24	36.5516	140.4102	277.09

135	JP_2011_Tohoku_35	9 Mw	9	38.103	142.86	24	36.3851	140.2372	300.82
136	JP_2011_Tohoku_36	9 Mw	9	38.103	142.86	24	36.369	140.4528	287.49
137	JP_2011_Tohoku_37	9 Mw	9	38.103	142.86	24	36.3523	140.5955	279.51
138	JP_2011_Tohoku_38	9 Mw	9	38.103	142.86	24	36.0729	140.1947	326.95
139	JP_2011_Tohoku_39	9 Mw	9	38.103	142.86	24	36.3701	140.1401	308.58
140	JP_2011_Tohoku_40	9 Mw	9	38.103	142.86	24	36.5566	140.3013	284.37
141	JP_2011_Tohoku_41	9 Mw	9	38.103	142.86	24	36.6405	140.3976	271.86
142	JP_2011_Tohoku_42	9 Mw	9	38.103	142.86	24	39.2701	141.8561	156.25
143	JP_2011_Tohoku_43	9 Mw	9	38.103	142.86	24	39.0187	141.4031	162.65
144	JP_2011_Tohoku_44	9 Mw	9	38.103	142.86	24	38.9334	141.1173	177.75
145	JP_2011_Tohoku_45	9 Mw	9	38.103	142.86	24	39.3209	141.1378	201.77
146	JP_2011_Tohoku_46	9 Mw	9	38.103	142.86	24	39.825	141.3826	230.08
147	JP_2011_Tohoku_47	9 Mw	9	38.103	142.86	24	39.2741	141.8233	158.23
148	JP_2011_Tohoku_48	9 Mw	9	38.103	142.86	24	38.9015	141.5684	143.35
149	JP_2011_Tohoku_49	9 Mw	9	38.103	142.86	24	38.7292	141.0217	174.94
150	JP_2011_Tohoku_50	9 Mw	9	38.103	142.86	24	38.5876	141.251	150.59
151	JP_2011_Tohoku_51	9 Mw	9	38.103	142.86	24	38.2663	140.9293	170.12
152	JP_2011_Tohoku_52	9 Mw	9	38.103	142.86	24	38.9207	141.6377	140.01
153	JP_2011_Tohoku_53	9 Mw	9	38.103	142.86	24	36.545	140.1742	294.2
154	JP_2011_Tohoku_54	9 Mw	9	38.103	142.86	24	36.8578	140.0225	286.49
155	JP_2011_Tohoku_55	9 Mw	9	38.103	142.86	24	36.6959	139.9842	298.69
156	JP_2011_Tohoku_56	9 Mw	9	38.103	142.86	24	36.7342	140.1781	281.83
157	JP_2011_Tohoku_57	7.7 Mw	7.7	36.108	141.265	43	36.5915	140.6453	77.28
158	JP_2011_Tohoku_58	7.7 Mw	7.7	36.108	141.265	43	36.3523	140.5955	66.01
159	JP_2011_Tohoku_59	7.7 Mw	7.7	36.108	141.265	43	35.977	140.6322	58.85
160	JP_2011_Tohoku_60	7.7 Mw	7.7	36.108	141.265	43	36.3631	140.6198	64.54
161	JP_2011_Tohoku_61	7.4 Mw	7.4	39.838	142.78	32	39.825	141.3826	119.63
162	JP_2012_25AGO	6.1 Mw	6.1	42.327	143.11	49	42.4865	143.152	18.05
163	JP_2012_30AGO	5.6 Mw	5.6	38.407	141.913	60	38.7262	141.5109	49.84
164	JP_2013_13APR	6.3 Mw	6.3	34.418	134.828	15	34.4149	134.7925	3.28
165	JP_2013_25FEB	6.3 Mw	6.3	36.873	139.412	3	36.8817	139.4534	3.82
166	JP_2016_14APR	6.5 Mw	6.5	32.742	130.808	11	32.6167	130.8652	14.9
167	JP_2016_28DEC	6.3 Mw	6.3	36.72	140.573	11	36.5915	140.6453	15.66
168	JP_2016_Kumamoto_01	7.3 Mw	7.3	32.753	130.762	12	32.7934	130.7772	4.7
169	JP_2016_Kumamoto_02	5.9 Mw	5.9	32.963	131.087	7	32.932	131.1214	4.71
170	JP_2016_Kumamoto_03	7.3 Mw	7.3	32.753	130.762	12	32.8761	130.8774	17.41
171	JP_2016_Kumamoto_04	7.3 Mw	7.3	32.753	130.762	12	32.6167	130.8652	17.95
172	JP_2016_Kumamoto_05	7.3 Mw	7.3	32.753	130.762	12	32.9984	130.8301	27.95
173	JP_2016_Kumamoto_06	7.3 Mw	7.3	32.753	130.762	12	32.6345	130.7521	13.17
174	JP_2016_Kumamoto_07	7.3 Mw	7.3	32.753	130.762	12	33.2569	131.3439	77.97
175	JP_2016_Kumamoto_08	7.3 Mw	7.3	32.753	130.762	12	33.2844	131.2118	72.38
176	JP_2018_Hokkaido_01	6.7 Mw	6.7	42.69	142.007	37	43.0587	141.8063	44.12
177	JP_2018_Hokkaido_02	6.7 Mw	6.7	42.69	142.007	37	42.5126	142.0381	19.87
178	JP_2018_Hokkaido_03	6.7 Mw	6.7	42.69	142.007	37	42.7275	142.2973	24.14
179	JP_2018_Hokkaido_04	6.7 Mw	6.7	42.69	142.007	37	42.7608	142.1346	13.08
180	JP_2018_Hokkaido_05	6.7 Mw	6.7	42.69	142.007	37	42.7655	141.8221	17.31

181	JP_2018_Hokkaido_06	6.7 Mw	6.7	42.69	142.007	37	42.79	141.601	35.05
182	JP_2018_Hokkaido_07	6.7 Mw	6.7	42.69	142.007	37	42.8739	141.8191	25.57
183	JP_2018_Osake	6.1 Mw	6.1	34.843	135.622	13	34.8573	135.5958	2.87
184	JP_2019_21FEB	5.8 Mw	5.8	42.765	142.003	33	42.8739	141.8191	19.3
185	JP_2021_Fukushima_01	7.3 Mw	7.3	37.728	141.698	55	38.1802	140.6405	105.63
186	JP_2021_Fukushima_02	7.3 Mw	7.3	37.728	141.698	55	37.3961	140.3622	123.63
187	JP_2021_Fukushima_03	7.3 Mw	7.3	37.728	141.698	55	37.8449	140.6013	97.47
188	JP_2021_Fukushima_04	7.3 Mw	7.3	37.728	141.698	55	37.6385	140.9849	63.68
189	JP_2021_Fukushima_05	7.3 Mw	7.3	37.728	141.698	55	37.4061	140.9632	74.1
190	JP_2021_Fukushima_06	7.3 Mw	7.3	37.728	141.698	55	37.1228	140.1914	149.31
191	JP_2021_Fukushima_07	7.3 Mw	7.3	37.728	141.698	55	37.603	140.4368	112.14
192	JP_2021_Fukushima_08	7.3 Mw	7.3	37.728	141.698	55	37.4703	140.7227	90.75
193	JP_2021_Fukushima_09	7.3 Mw	7.3	37.728	141.698	55	37.9411	140.8924	74.76
194	JP_2021_Fukushima_10	7.3 Mw	7.3	37.728	141.698	55	38.34	140.9551	94.17
195	JP_2021_Miyagi_01	6.9 Mw	6.9	38.467	141.627	59	38.1802	140.6405	91.95
196	JP_2021_Miyagi_02	6.9 Mw	6.9	38.467	141.627	59	38.6993	141.4176	31.59
197	US_1981_Westmorland	5.7 ML	5.7	33.099	-115.632	4	33.037	-115.623	6.93
198	US_1986_North_Palm_Springs	5.9 ML	5.9	33.998	-116.607	12	33.962	-116.509	9.90
199	US_1987_WhittierNarrows_01	6.1 ML	6.1	34.062	-118.078	9	34.037	-118.178	9.64
200	US_1987_WhittierNarrows_02	6.1 ML	6.1	34.062	-118.078	9	34.16	-118.534	43.45
201	US_1989_Loma_Prieta_01	7 ML	7.6	37.037	-121.883	18	36.974	-121.952	9.31
202	US_1989_Loma_Prieta_02	7 ML	7.6	37.037	-121.883	18	36.973	-121.572	28.58
203	US_1989_Loma_Prieta_03	7 ML	7.6	37.037	-121.883	18	36.987	-121.536	31.38
204	US_1989_Loma_Prieta_04	7 ML	7.6	37.037	-121.883	18	37.046	-121.803	7.19
205	US_1989_Loma_Prieta_05	7 ML	7.6	37.037	-121.883	18	37.118	-121.55	30.95
206	US_1989_Loma_Prieta_06	7 ML	7.6	37.037	-121.883	18	37.255	-122.031	27.54
207	US_1991_Petrolia	6 ML	6	40.282	-124.244	10	40.325	-124.287	6.01
208	US_1991_SierraMadre	5.8 ML	5.8	34.262	-118.002	12	34.177	-118.096	12.80
209	US_1992_Big_Bear	6.4 Mw	6.4	34.201	-116.826	7	34.238	-116.935	10.85
210	US_1992_Petrolia_01	7 Mw	7	40.368	-124.316	15	40.325	-124.287	5.37
211	US_1992_Petrolia_02	7 Mw	7	40.368	-124.316	15	40.503	-124.1	23.68
212	US_1992_Petrolia_Aftershock_01	6.6 MS	6.5	40.425	-124.601	20	40.325	-124.287	28.89
213	US_1992_Petrolia_Aftershock_02	6.6 MS	6.5	40.416	-124.825	15	40.325	-124.287	46.80
214	US_1992_Petrolia_Aftershock_03	6.6 MS	6.5	40.416	-124.825	15	40.026	-124.069	77.56
215	US_1994_Northridge_01	6.7 Mw	6.7	34.215	-118.538	18	34.068	-118.439	18.69
216	US_1994_Northridge_02	6.7 Mw	6.7	34.215	-118.538	18	34.236	-118.439	9.41
217	US_1994_Northridge_03	6.7 Mw	6.7	34.215	-118.538	18	34.387	-118.53	19.09
218	US_2005_Anza_01	5.2 Mw	5.2	33.533	-116.567	13.1	33.706	-116.235	36.29
219	US_2005_Anza_02	5.2 Mw	5.2	33.533	-116.567	13.1	33.706	-116.235	36.29
220	TW_1999_Chichi_01	7.7 Mw	7.7	23.853	120.816	8	23.632	120.605	32.59
221	TW_1999_Chichi_02	7.7 Mw	7.7	23.853	120.816	8	23.439	120.596	51.05
222	TW_1999_Chichi_03	7.7 Mw	7.7	23.853	120.816	8	23.597	120.678	31.65
223	TW_1999_Chichi_04	7.7 Mw	7.7	23.853	120.816	8	23.686	120.562	31.82
224	TW_1999_Chichi_05	7.7 Mw	7.7	23.853	120.816	8	24.198	120.739	39.01
225	TW_1999_Chichi_06	7.7 Mw	7.7	23.853	120.816	8	24.041	120.849	21.09
226	TW_1999_Chichi_07	7.7 Mw	7.7	23.853	120.816	8	23.962	120.962	19.15

227	TW 1999 Chichi 08	7.7 Mw	7.7	23.853	120.816	8	23.812	120.845	5.42
228	TW 1999 Chichi 09	7.7 Mw	7.7	23.853	120.816	8	24.692	121.013	95.06
229	TW 1999 Chichi 10	7.7 Mw	7.7	23.853	120.816	8	23.878	120.684	13.73
230	MX 1985 Guerrero	7.5 Mw	7.5	18.021	-101.479	15	17.3444	-100.2145	153.64
231	CH 2012 GO05	6.8 Mw	6.8	-35.2	-72.22	40	-35.01	-71.93	33.81
232	CH 2014 PSGCX	8.2 Mw	8.2	-19.57	-70.91	38	-19.597	-70.123	82.63
233	CH 2014 Iquique 01	7.6 Mw	7.6	-20.52	-70.44	27	-19.995	-69.767	91.22
234	CH 2014 Iquique 02	7.6 Mw	7.6	-20.52	-70.44	27	-20.566	-70.181	27.49
235	CH 2015 Coquimbo 01	8.4 Mw	8.4	-31.55	-71.86	11	-30.855	-70.707	134.21
236	CH 2015 Coquimbo 02	8.4 Mw	8.4	-31.55	-71.86	11	-31.784	-70.97	88.30
237	CH 2016 GO07	7.6 Mw	7.6	-43.52	-74.39	30	-43.114	-73.664	74.18
238	CH 1995 Antofagasta	7.8 Ms	8	-23.34	-70.36	33	-22.09	-70.2	184
239	CH 2010 Maule 01	8.8 Mw	8.8	-36.29	-73.24	30	-35.34	-72.4	105
240	CH 2010 Maule 02	8.8 Mw	8.8	-36.29	-73.24	30	-36.83	-73.05	71
241	CH 2010 Maule 03	8.8 Mw	8.8	-36.29	-73.24	30	-34.98	-71.81	133
242	CH 2010 Maule 04	8.8 Mw	8.8	-36.29	-73.24	30	-33.62	-71.6	275
243	CH 2010 Maule 05	8.8 Mw	8.8	-36.29	-73.24	30	-33.51	-70.77	320
244	CH 2010 Maule 06	8.8 Mw	8.8	-36.29	-73.24	30	-35.43	-71.63	110
245	PE 1966 17OCT	8.1 Mw	8.1	-10.7	-78.7	24	-12.07	-77.04	236.2
246	PE 1970 31MAY	6.6 Mb	6.4	-9.36	-78.87	64	-12.07	-77.04	360.45
247	PE 1974 03OCT	6.6 Mb	6.4	-12.5	-77.98	13	-12.07	-77.04	112.78
248	PE 1974 05ENE 01	6.1 mb	5.9	-12.39	-76.29	91.7	-12.02	-77.01	88.4
249	PE 1974 05ENE 02	6.1 mb	5.9	-12.39	-76.29	91.7	-12.07	-77.04	88.95
250	PE 1974 09NOV 01	6 mb	5.8	-12.52	-77.59	12.8	-12.13	-76.98	79.14
251	PE 1974 09NOV 02	6 mb	5.8	-12.52	-77.59	12.8	-12.07	-77.04	77.83
252	PE 2001 07JUL 01	6.5 mb	6.3	-17.4	-71.67	33	-18.024	-70.249	165.8
253	PE 2001 07JUL 02	6.5 mb	6.3	-17.4	-71.67	33	-16.404	-71.524	111.32
254	PE 2001 23JUN	6.9 mb	6.6	-16.08	-73.77	33	-17.186	-70.928	326.98
255	PE 2005 13JUN 01	7.2 ML	8.1	-19.61	-69.97	146	-17.19	-70.921	286.08
256	PE 2005 13JUN 02	7.2 ML	8.1	-19.61	-69.97	146	-18.005	-70.226	179.69
257	PE 2005 13JUN 03	7.2 ML	8.1	-19.61	-69.97	146	-16.465	-71.493	383.62
258	PE 2005 13JUN 04	7.2 ML	8.1	-19.61	-69.97	146	-17.195	-70.921	285.56
259	PE 2005 13JUN 05	7.2 ML	8.1	-19.61	-69.97	146	-16.404	-71.524	391.14
260	PE 2005 13JUN 06	7.2 ML	8.1	-19.61	-69.97	146	-18.024	-70.249	178
261	PE 2005 13JUN 07	7.2 ML	8.1	-19.61	-69.97	146	-17.186	-70.928	286.76
262	PE 2005 25SET 01	7.0 ML	7.6	-5.8	-76.2	115	-12.089	-76.896	699.77
263	PE 2005 25SET 02	7.0 ML	7.6	-5.8	-76.2	115	-6.0336	-76.97	89.09
264	PE 2005 25SET 03	7.0 ML	7.6	-5.8	-76.2	115	-12.013	-77.05	693.49
265	PE 2007 PISCO 01	7.0 ML	7.6	-13.67	-76.76	40	-14.088	-75.732	120.36
266	PE 2007 PISCO 02	7.0 ML	7.6	-13.67	-76.76	40	-12.089	-76.896	175.53
267	PE 2007 PISCO 03	7.0 ML	7.6	-13.67	-76.76	40	-12.013	-77.05	186
268	PE 2007 PISCO 04	7.0 ML	7.6	-13.67	-76.76	40	-12.013	-77.05	186
269	PE 2007 PISCO 05	7.0 ML	7.6	-13.67	-76.76	40	-16.465	-71.493	645.16
270	PE 2007 PISCO 06	7.0 ML	7.6	-13.67	-76.76	40	-12.065	-77.155	182.66
271	PE 2010 05MAY 01	6.5 ML	6.6	-18.34	-71.17	36	-18.005	-70.226	106.54
272	PE 2010 05MAY 02	6.5 ML	6.6	-18.34	-71.17	36	-18.024	-70.249	103.52

273	PE_2011_24AGO_01	7.0 ML	7.6	-9.5	-76	149	-12.022	-77.049	301.64
274	PE_2011_24AGO_02	7.0 ML	7.6	-9.5	-76	149	-12.073	-77.031	306.13
275	PE_2011_24AGO_03	7.0 ML	7.6	-9.5	-76	149	-12.02	-77.05	301.47
276	PE_2011_24AGO_04	7.0 ML	7.6	-9.5	-76	149	-12.213	-76.938	317.13
277	PE_2011_24AGO_05	7.0 ML	7.6	-9.5	-76	149	-12.013	-77.05	300.76
278	PE_2011_24AGO_06	7.0 ML	7.6	-9.5	-76	149	-12.02	-77.049	301.43
279	PE_2011_24AGO_07	7.0 ML	7.6	-9.5	-76	149	-12.059	-77.123	308.55
280	PE_2012_14MAY	6.1 ML	6.1	-18.05	-70.06	98	-18.005	-70.226	18.27
281	PE_2015_24NOV_01	4.5 ML	4.5	-15.67	-71.86	13	-16.4	-70.9	134.4
282	PE_2015_24NOV_02	4.5 ML	4.5	-15.67	-71.86	13	-15.2	-72.9	121.7
283	PE_2015_24NOV_03	4.5 ML	4.5	-15.67	-71.86	13	-15.8	-72.7	87.1
284	PE_2015_24NOV_04	4.5 ML	4.5	-15.67	-71.86	13	-15.6	-71.6	28.1
285	PE_2015_24NOV_05	4.5 ML	4.5	-15.67	-71.86	13	-16.1	-72.5	81.2

Anexo 2: Caracterización de los registros sísmicos

N°	Registro Sísmico	PGA (cm/s ²)	PGV (cm/s)	PGD (cm)
1	CH_1995_Antofagasta_Long.txt	53.42	2.87	13.84
2	CH_1995_Antofagasta_Transv.txt	51.81	4.18	59.29
3	CH_2010_Maule_01_Long.txt	400.13	64.7	233.47
4	CH_2010_Maule_01_Transv.txt	280.67	53.17	676.93
5	CH_2010_Maule_02_Long.txt	518.37	45.25	21.24
6	CH_2010_Maule_02_Transv.txt	623.96	71.42	201.7
7	CH_2010_Maule_03_Long.txt	370.37	45.47	305.22
8	CH_2010_Maule_03_Trans.txt	479.44	42.18	647.7
9	CH_2010_Maule_04_Long.txt	338.34	30.77	221.28
10	CH_2010_Maule_04_Transv.txt	531.75	54.5	651.12
11	CH_2010_Maule_05_EW.txt	525.94	38.21	28.96
12	CH_2010_Maule_05_NS.txt	516.96	46.28	145.42
13	CH_2010_Maule_06_Long.txt	459.31	40.71	470.14
14	CH_2010_Maule_06_Transv.txt	450.12	56.5	1054.15
15	CH_2012_GO05_EW.txt	184.04	14.44	62.21
16	CH_2012_GO05_NS.txt	116.21	6.12	1.56
17	CH_2014_Iquique_01_EW.txt	568	31.25	9.97
18	CH_2014_Iquique_01_NS.txt	597.43	38.21	50.3
19	CH_2014_Iquique_02_EW.txt	143.6	12.71	84.4
20	CH_2014_Iquique_02_NS.txt	112.39	6.86	61.75
21	CH_2014_PSGCX_EW.txt	158.58	16.85	236.5
22	CH_2014_PSGCX_NS.txt	185.82	8.12	24.68
23	CH_2015_Coquimbo_01_EW.txt	421.73	17.3	96.35
24	CH_2015_Coquimbo_01_NS.txt	496.21	16.27	117.44
25	CH_2015_Coquimbo_02_EW.txt	360.27	16.02	18.93
26	CH_2015_Coquimbo_02_NS.txt	641.69	32.77	210.27
27	CH_2016_GO07_EW.txt	266.49	23.52	92.55
28	CH_2016_GO07_NS.txt	368.59	25.13	86.45
29	JP_1996_21DEC_EW.txt	413.36	159.36	1417.58
30	JP_1996_21DEC_UD.txt	211.88	2336.24	95979.89
31	JP_1996_Nagano_EW.txt	717.95	2012.04	205856.95
32	JP_1996_Nagano_NS.txt	328.4	592.71	42965.24
33	JP_1997_13MAY_EW.txt	899.75	43.8	39.67
34	JP_1997_13MAY_NS.txt	903.06	51.88	73.77
35	JP_1997_Kagoshima_EW.txt	492.62	29.44	58.91
36	JP_1997_Kagoshima_NS.txt	432.47	35.79	57.4
37	JP_1997_Shizuoka_EW.txt	588.44	45.76	49.89
38	JP_1997_Shizuoka_NS.txt	304.49	17.81	41.7
39	JP_2000_Mie_EW.txt	221.11	54.14	506.38
40	JP_2000_Mie_NS.txt	539.99	16.76	10.6
41	JP_2000_Tottori_01_EW.txt	604	857.15	42104.72
42	JP_2000_Tottori_01_NS.txt	655.29	5322.96	530212.44
43	JP_2000_Tottori_02_EW.txt	612.48	254.54	6066.34
44	JP_2000_Tottori_02_NS.txt	713.55	226.03	3818.33
45	JP_2000_Tottori_03_EW.txt	327.32	515.3	13096.09

46	JP_2000_Tottori_03_NS.txt	507.98	98.52	745.15
47	JP_2000_Tottori_04_EW.txt	317.78	97.72	1722.96
48	JP_2000_Tottori_04_NS.txt	560.79	85.14	1153.79
49	JP_2000_Tottori_05_EW.txt	567.81	100.21	910.12
50	JP_2000_Tottori_05_NS.txt	713.99	1006.99	44467.87
51	JP_2001_Geiyō_01_EW.txt	561.39	164.39	1930.85
52	JP_2001_Geiyō_01_NS.txt	382.35	241.74	3836.38
53	JP_2001_Geiyō_02_EW.txt	539.14	5382.46	416363.64
54	JP_2001_Geiyō_02_NS.txt	508.16	18.29	68.58
55	JP_2001_Geiyō_03_EW.txt	493.75	25.29	86.27
56	JP_2001_Geiyō_03_NS.txt	465.46	65.63	454.54
57	JP_2003_Hokkaido_01_EW.txt	407.34	46.54	644.3
58	JP_2003_Hokkaido_01_NS.txt	359.14	50.86	585.48
59	JP_2003_Hokkaido_02_EW.txt	406.06	100.48	1726.48
60	JP_2003_Hokkaido_02_NS.txt	367.29	93.89	1721.79
61	JP_2003_Hokkaido_03_EW.txt	609.4	59.89	249.52
62	JP_2003_Hokkaido_03_NS.txt	435.03	65.41	320.96
63	JP_2003_Hokkaido_04_EW.txt	531.54	10351.58	1321597.07
64	JP_2003_Hokkaido_04_NS.txt	457.78	6643.29	794829.24
65	JP_2003_Hokkaido_05_EW.txt	338.24	2169.19	210847.52
66	JP_2003_Hokkaido_05_NS.txt	484.26	1537.34	127485.71
67	JP_2003_Hokkaido_06_EW.txt	507	24.47	87.19
68	JP_2003_Hokkaido_06_NS.txt	378.29	42.84	230.55
69	JP_2003_Hokkaido_07_EW.txt	424.63	5192.69	590339.74
70	JP_2003_Hokkaido_07_NS.txt	288.84	176.74	3734.44
71	JP_2003_Hokkaido_08_EW.txt	802.79	1738.56	40012.81
72	JP_2003_Hokkaido_08_NS.txt	735.49	1457.76	63157.69
73	JP_2003_Hokkaido_09_EW.txt	985.65	606.31	14203.43
74	JP_2003_Hokkaido_09_NS.txt	828.73	2082.49	116305.61
75	JP_2003_Hokkaido_10_EW.txt	387.62	1864.97	81752.9
76	JP_2003_Hokkaido_10_NS.txt	580.92	417.33	7984.21
77	JP_2003_Hokkaido_11_EW.txt	405.38	49.24	181.01
78	JP_2003_Hokkaido_11_NS.txt	373.06	44.57	165.15
79	JP_2003_Hokkaido_12_EW.txt	299.83	28.08	35.62
80	JP_2003_Hokkaido_12_NS.txt	809.14	66.45	687.55
81	JP_2003_Hokkaido_13_EW.txt	453.36	63.55	957.94
82	JP_2003_Hokkaido_13_NS.txt	518.57	113.89	1255.39
83	JP_2003_Hokkaido_14_EW.txt	428.24	23.15	23.72
84	JP_2003_Hokkaido_14_NS.txt	438.73	59.77	1209.99
85	JP_2003_Miyagi_01_EW.txt	722.67	40.55	102.95
86	JP_2003_Miyagi_01_NS.txt	730.25	39.34	116.71
87	JP_2003_Miyagi_02_EW.txt	498.45	71.91	784.37
88	JP_2003_Miyagi_02_NS.txt	571.18	13.68	50.26
89	JP_2003_Miyagi_03_EW.txt	575.71	117.36	1265.29
90	JP_2003_Miyagi_03_NS.txt	537.68	63.5	642.2
91	JP_2003_Miyagi_04_EW.txt	434.5	15.88	44.97
92	JP_2003_Miyagi_04_NS.txt	462.16	14.81	71.46
93	JP_2003_Miyagi_05_EW.txt	584.52	35.99	319.82

94	JP_2003_Miyagi_05_NS.txt	554.27	62.99	416.59
95	JP_2003_Miyagi_06_EW.txt	529.92	20.72	68.51
96	JP_2003_Miyagi_06_NS.txt	420.04	12.39	4.26
97	JP_2003_Miyagi_07_EW.txt	560.28	94.7	1045.53
98	JP_2003_Miyagi_07_NS.txt	890.62	50.75	439.75
99	JP_2003_Miyagi_08_EW.txt	648.54	25.58	109.89
100	JP_2003_Miyagi_08_NS.txt	800.91	226.89	3130.59
101	JP_2003_Miyagi_09_EW.txt	498.56	73.93	668.64
102	JP_2003_Miyagi_09_NS.txt	661.08	66.41	586.29
103	JP_2003_Miyagi_10_EW.txt	579.29	35.66	72.51
104	JP_2003_Miyagi_10_NS.txt	615.27	23.71	48.18
105	JP_2004_06DIC_EW.txt	444.19	716.93	36866.25
106	JP_2004_06DIC_NS.txt	338.01	84.87	1081.7
107	JP_2004_14DEC_EW.txt	1122.05	125.66	1219.71
108	JP_2004_14DEC_NS.txt	529.21	708.56	38509
109	JP_2004_23OCT_EW.txt	440.32	1708.68	178040.87
110	JP_2004_23OCT_NS.txt	214.08	2822.15	354135.08
111	JP_2004_25OCT_EW.txt	205.36	849.84	88775.06
112	JP_2004_25OCT_NS.txt	441.33	3632.05	462006.84
113	JP_2004_27OCT_01_EW.txt	295.56	543.68	32130.07
114	JP_2004_27OCT_01_NS.txt	411.55	25.8	44.33
115	JP_2004_27OCT_02_EW.txt	503.31	574.09	21979.59
116	JP_2004_27OCT_02_NS.txt	187.9	1123.12	65539.34
117	JP_2004_27OCT_03_EW.txt	391.81	397.16	18652.91
118	JP_2004_27OCT_03_NS.txt	537.7	3495.59	418076.86
119	JP_2004_29NOV_01_EW.txt	418.42	55.94	533.68
120	JP_2004_29NOV_01_NS.txt	267.91	118.42	1634.15
121	JP_2004_29NOV_02_EW.txt	552.9	45.4	308
122	JP_2004_29NOV_02_NS.txt	485.11	551.62	18129.66
123	JP_2004_29NOV_03_EW.txt	571.64	1798.28	178210.07
124	JP_2004_29NOV_03_NS.txt	754.95	45.63	175.55
125	JP_2004_ChuetsuAftershock_02_EW.txt	391.44	518.45	14678.51
126	JP_2004_ChuetsuAftershock_02_NS.txt	388.41	740.16	28003.47
127	JP_2004_Chuetsu_01_EW.txt	1314.86	109.35	394.6
128	JP_2004_Chuetsu_01_NS.txt	1139.29	1421.47	119972.31
129	JP_2004_Chuetsu_03_EW.txt	410.33	27.57	583.09
130	JP_2004_Chuetsu_03_NS.txt	363.43	1413.67	150701.3
131	JP_2004_Chuetsu_04_EW.txt	853.26	58.06	200.88
132	JP_2004_Chuetsu_04_NS.txt	1712.81	90.37	94.21
133	JP_2004_Chuetsu_05_EW.txt	836.86	169056.97	43457918.26
134	JP_2004_Chuetsu_05_NS.txt	1188.19	181407.34	46658057.55
135	JP_2004_Chuetsu_06_EW.txt	656.77	68.91	74.72
136	JP_2004_Chuetsu_06_NS.txt	817.18	57.04	43.23
137	JP_2004_Chuetsu_07_EW.txt	589.2	66.89	46.83
138	JP_2004_Chuetsu_07_NS.txt	459.49	1094.2	117873.05
139	JP_2005_Miyagi_01_EW.txt	398.16	176.16	2602.91
140	JP_2005_Miyagi_01_NS.txt	389.47	1272.63	64335.58
141	JP_2005_Miyagi_02_EW.txt	408.95	17.24	103.43

142	JP_2005_Miyagi_02_NS.txt	303.05	38.62	495.41
143	JP_2007_16JUL_EW.txt	525.7	2325.82	225595.74
144	JP_2007_16JUL_NS.txt	690.61	5524.41	644762.85
145	JP_2007_Noto_01_EW.txt	846.76	52.29	65.74
146	JP_2007_Noto_01_NS.txt	716.68	42.81	86.53
147	JP_2007_Noto_02_EW.txt	781.96	113.53	178
148	JP_2007_Noto_02_NS.txt	447.2	6790.5	876036.68
149	JP_2008_Iwate_01_EW.txt	687.35	864.42	41169.59
150	JP_2008_Iwate_01_NS.txt	749.03	236.06	3105.98
151	JP_2008_Iwate_02_EW.txt	2445.83	100.65	182.45
152	JP_2008_Iwate_02_NS.txt	1322.15	69.1	173.28
153	JP_2008_Iwate_03_EW.txt	1043.52	315.78	4164.29
154	JP_2008_Iwate_03_NS.txt	904.91	2792.36	230962.92
155	JP_2008_Iwate_04_EW.txt	534.69	2860.62	307467.99
156	JP_2008_Iwate_04_NS.txt	471.41	7784.87	973845.28
157	JP_2009_Shizuoka_01_EW.txt	441.54	1459.33	105766.9
158	JP_2009_Shizuoka_01_NS.txt	433.47	48.89	255.94
159	JP_2009_Shizuoka_02_EW.txt	436.24	3884.3	283016.37
160	JP_2009_Shizuoka_02_NS.txt	255.61	3289.05	236485.34
161	JP_2009_Shizuoka_03_EW.txt	311.03	4119.37	520602.55
162	JP_2009_Shizuoka_03_NS.txt	523.84	53.32	316.04
163	JP_2011_12APR_EW.txt	438.6	2838.61	181408.51
164	JP_2011_12APR_NS.txt	359.5	1281.05	65981.63
165	JP_2011_15MAR_EW.txt	987.6	88.57	139.12
166	JP_2011_15MAR_NS.txt	516.36	3065.1	311811.72
167	JP_2011_16AGO_01_EW.txt	310	518.12	14669.1
168	JP_2011_16AGO_01_NS.txt	488.84	810.66	26394.97
169	JP_2011_16AGO_02_EW.txt	358.51	122.7	1430.39
170	JP_2011_16AGO_02_NS.txt	501.59	33.66	262.97
171	JP_2011_16APR_01_EW.txt	212.11	704.86	23261.38
172	JP_2011_16APR_01_NS.txt	402.27	249.75	3521.72
173	JP_2011_16APR_02_EW.txt	364.21	693.75	29555.18
174	JP_2011_16APR_02_NS.txt	707.67	460.22	13089.2
175	JP_2011_16APR_03_EW.txt	364.23	1177.99	70739.15
176	JP_2011_16APR_03_NS.txt	847.98	35.18	40.81
177	JP_2011_19MAR_01_EW.txt	502.73	11.44	39.07
178	JP_2011_19MAR_01_NS.txt	484.74	29.41	215.57
179	JP_2011_19MAR_02_EW.txt	562.21	20.01	42.64
180	JP_2011_19MAR_02_NS.txt	355.4	30.94	205.94
181	JP_2011_Fukushima_01_EW.txt	406.85	10.23	35.78
182	JP_2011_Fukushima_01_NS.txt	432.97	72.02	1375.27
183	JP_2011_Fukushima_02_EW.txt	484.1	82.08	584.54
184	JP_2011_Fukushima_02_NS.txt	206.91	614.31	17349.01
185	JP_2011_Fukushima_03_EW.txt	398.09	473.02	16229.32
186	JP_2011_Fukushima_03_NS.txt	458.08	953.38	46166.6
187	JP_2011_Fukushima_04_EW.txt	395.09	4436.84	449047.41
188	JP_2011_Fukushima_04_NS.txt	498.17	1283.57	67593.61
189	JP_2011_Fukushima_05_EW.txt	413.02	60.25	873.01

190	JP_2011_Fukushima_05_NS.txt	447.74	86.16	1608.09
191	JP_2011_Fukushima_06_EW.txt	462.16	4000.98	483018.85
192	JP_2011_Fukushima_06_NS.txt	376.71	3135.71	352114.25
193	JP_2011_Miyagi_01_EW.txt	420.74	44.89	810.02
194	JP_2011_Miyagi_01_NS.txt	708.69	46.82	311.58
195	JP_2011_Miyagi_02_EW.txt	322.95	217.37	3217.18
196	JP_2011_Miyagi_02_NS.txt	500.16	167.32	2200.21
197	JP_2011_Miyagi_03_EW.txt	569.72	44.61	509.63
198	JP_2011_Miyagi_03_NS.txt	821.85	574.72	11451.19
199	JP_2011_Miyagi_04_EW.txt	436.98	140.47	1846.76
200	JP_2011_Miyagi_04_NS.txt	568.53	1089.94	47112.41
201	JP_2011_Miyagi_05_EW.txt	482.03	105.91	1063.38
202	JP_2011_Miyagi_05_NS.txt	419.62	120.12	1536.87
203	JP_2011_Miyagi_06_EW.txt	381.22	1632.17	129395.91
204	JP_2011_Miyagi_06_NS.txt	449.21	132.61	2045.95
205	JP_2011_Miyagi_07_EW.txt	781.22	4865.6	486918.05
206	JP_2011_Miyagi_07_NS.txt	517.15	6319.08	740180.14
207	JP_2011_Miyagi_08_EW.txt	338.7	373.53	8150.89
208	JP_2011_Miyagi_08_NS.txt	574.85	90.11	1215.04
209	JP_2011_Miyagi_09_EW.txt	334.96	161.35	2390.24
210	JP_2011_Miyagi_09_NS.txt	426.23	352.64	6866.11
211	JP_2011_Miyagi_10_EW.txt	671.72	21.09	126.81
212	JP_2011_Miyagi_10_NS.txt	586.74	180.43	2806.11
213	JP_2011_Miyagi_11_EW.txt	763.67	5635.92	424727.65
214	JP_2011_Miyagi_11_NS.txt	782	3229.15	218474.02
215	JP_2011_Miyagi_12_EW.txt	498.18	1392.01	65885.37
216	JP_2011_Miyagi_12_NS.txt	542.02	4890.9	344924.11
217	JP_2011_Miyagi_13_EW.txt	447.26	2034.49	162183.72
218	JP_2011_Miyagi_13_NS.txt	551.57	4034.32	444747.36
219	JP_2011_Miyagi_14_EW.txt	394.9	19.73	146.71
220	JP_2011_Miyagi_14_NS.txt	423.76	983.54	49682.77
221	JP_2011_Miyagi_15_EW.txt	402.55	26.93	309.47
222	JP_2011_Miyagi_15_NS.txt	386.31	104.36	1489.91
223	JP_2011_Miyagi_16_EW.txt	477.89	3381.46	238068.67
224	JP_2011_Miyagi_16_NS.txt	328.43	6072.36	475473.62
225	JP_2011_Miyagi_17_EW.txt	1002.17	78.47	233.58
226	JP_2011_Miyagi_17_NS.txt	590.33	52.73	161.44
227	JP_2011_Miyagi_18_EW.txt	619.13	343.39	5770.56
228	JP_2011_Miyagi_18_NS.txt	541.19	171.41	2386
229	JP_2011_Tohoku_01_EW.txt	560.55	825.22	39810.92
230	JP_2011_Tohoku_01_NS.txt	615.4	371.63	18567.03
231	JP_2011_Tohoku_02_EW.txt	765.08	165.58	4078.05
232	JP_2011_Tohoku_02_NS.txt	1073.94	566.26	13579.58
233	JP_2011_Tohoku_03_EW.txt	423.89	652.85	37004.29
234	JP_2011_Tohoku_03_NS.txt	503.51	916.61	51894.13
235	JP_2011_Tohoku_04_EW.txt	396.45	188.79	5932.82
236	JP_2011_Tohoku_04_NS.txt	502.33	862.35	36719.85
237	JP_2011_Tohoku_05_EW.txt	405.96	370.03	11757.65

238	JP_2011_Tohoku_05_NS.txt	409.22	550.91	19878.96
239	JP_2011_Tohoku_06_EW.txt	538.59	1092.9	46752.7
240	JP_2011_Tohoku_06_NS.txt	602.04	113.09	2484
241	JP_2011_Tohoku_07_EW.txt	634.39	548.41	24708.69
242	JP_2011_Tohoku_07_NS.txt	729.34	745.41	31522.49
243	JP_2011_Tohoku_08_EW.txt	753.38	4670.1	387333.35
244	JP_2011_Tohoku_08_NS.txt	541.3	5584.77	526292.01
245	JP_2011_Tohoku_09_EW.txt	570.08	4575.12	473561.72
246	JP_2011_Tohoku_09_NS.txt	423.15	6279.88	722531.71
247	JP_2011_Tohoku_10_EW.txt	1080.87	1066.14	48891.96
248	JP_2011_Tohoku_10_NS.txt	731.94	1411.62	73793.02
249	JP_2011_Tohoku_11_EW.txt	432.98	2594.88	176640.24
250	JP_2011_Tohoku_11_NS.txt	347.77	766.75	29093.32
251	JP_2011_Tohoku_12_EW.txt	376.61	9065.3	985488.38
252	JP_2011_Tohoku_12_NS.txt	421.89	1359.15	82887.5
253	JP_2011_Tohoku_13_EW.txt	427.41	2038.31	125137.84
254	JP_2011_Tohoku_13_NS.txt	569.69	985.06	36019.37
255	JP_2011_Tohoku_14_EW.txt	955.72	343.43	8466.27
256	JP_2011_Tohoku_14_NS.txt	1285.61	422.06	8405.26
257	JP_2011_Tohoku_15_EW.txt	427.44	533.68	21482.94
258	JP_2011_Tohoku_15_NS.txt	456.33	522.96	23769.75
259	JP_2011_Tohoku_16_EW.txt	550.22	10199.75	1031239.58
260	JP_2011_Tohoku_16_NS.txt	574.36	403.73	17418.23
261	JP_2011_Tohoku_17_EW.txt	591.82	151.46	2850.44
262	JP_2011_Tohoku_17_NS.txt	522.11	144.52	3744.32
263	JP_2011_Tohoku_18_EW.txt	520.49	169.1	3452.27
264	JP_2011_Tohoku_18_NS.txt	464.57	261.51	6709.23
265	JP_2011_Tohoku_19_EW.txt	500.26	1453.91	83178.97
266	JP_2011_Tohoku_19_NS.txt	523.6	2651.53	192463.56
267	JP_2011_Tohoku_20_EW.txt	314.65	1959.98	214142.48
268	JP_2011_Tohoku_20_NS.txt	210.4	1021.04	91947.53
269	JP_2011_Tohoku_21_EW.txt	1196.47	121.14	1198.04
270	JP_2011_Tohoku_21_NS.txt	790.01	1062.18	35309.58
271	JP_2011_Tohoku_22_EW.txt	417.39	1222.2	71231.32
272	JP_2011_Tohoku_22_NS.txt	491.69	397.21	19279.27
273	JP_2011_Tohoku_23_EW.txt	406.88	76.49	1679.7
274	JP_2011_Tohoku_23_NS.txt	303.23	336.52	9541.58
275	JP_2011_Tohoku_24_EW.txt	452.97	1982.65	134945.13
276	JP_2011_Tohoku_24_NS.txt	360.92	935.65	47520.18
277	JP_2011_Tohoku_25_EW.txt	520.22	264.28	11426.44
278	JP_2011_Tohoku_25_NS.txt	356.09	389.82	15655.25
279	JP_2011_Tohoku_26_EW.txt	456.47	350.53	9567.87
280	JP_2011_Tohoku_26_NS.txt	472.52	41.63	341.85
281	JP_2011_Tohoku_27_EW.txt	547.03	999.37	50100.96
282	JP_2011_Tohoku_27_NS.txt	482.44	480.52	23926.77
283	JP_2011_Tohoku_28_EW.txt	450.36	505.15	23330.02
284	JP_2011_Tohoku_28_NS.txt	742.39	722.7	32831.55
285	JP_2011_Tohoku_29_EW.txt	712.16	3021.09	193562.52

286	JP_2011_Tohoku_29_NS.txt	1035.79	2203.56	101072
287	JP_2011_Tohoku_30_EW.txt	804.15	903.07	37740.02
288	JP_2011_Tohoku_30_NS.txt	491.93	1015.91	46520.8
289	JP_2011_Tohoku_31_EW.txt	401.05	2517.34	171976.39
290	JP_2011_Tohoku_31_NS.txt	391.92	1069.81	54282.09
291	JP_2011_Tohoku_32_EW.txt	399.2	708.39	29441.7
292	JP_2011_Tohoku_32_NS.txt	469.11	2932.18	243574.01
293	JP_2011_Tohoku_33_EW.txt	444.31	1171.59	61632.54
294	JP_2011_Tohoku_33_NS.txt	435.27	943.19	41069.99
295	JP_2011_Tohoku_34_EW.txt	1008.98	93.15	1392.33
296	JP_2011_Tohoku_34_NS.txt	1280.98	81.9	902.31
297	JP_2011_Tohoku_35_EW.txt	601.47	324.16	9215.57
298	JP_2011_Tohoku_35_NS.txt	981.22	974.95	34351.13
299	JP_2011_Tohoku_36_EW.txt	785.56	51.04	466.4
300	JP_2011_Tohoku_36_NS.txt	759.15	1857.53	87367.52
301	JP_2011_Tohoku_37_EW.txt	520.33	543.76	18234.78
302	JP_2011_Tohoku_37_NS.txt	547.21	154.81	4292.43
303	JP_2011_Tohoku_38_EW.txt	499.01	159.57	5635.48
304	JP_2011_Tohoku_38_NS.txt	384.53	139.12	4496.42
305	JP_2011_Tohoku_39_EW.txt	825.25	114.84	2909.75
306	JP_2011_Tohoku_39_NS.txt	840.08	3649.78	250061.37
307	JP_2011_Tohoku_40_EW.txt	792.54	531.03	11802.11
308	JP_2011_Tohoku_40_NS.txt	636.1	7845.78	852335.52
309	JP_2011_Tohoku_41_EW.txt	590.37	376.06	13125.41
310	JP_2011_Tohoku_41_NS.txt	503.67	42.88	325.63
311	JP_2011_Tohoku_42_EW.txt	695.74	115.48	4879.46
312	JP_2011_Tohoku_42_NS.txt	629.65	159.98	7211.66
313	JP_2011_Tohoku_43_EW.txt	511.3	66.08	2355.72
314	JP_2011_Tohoku_43_NS.txt	575.31	485.77	21652.11
315	JP_2011_Tohoku_44_EW.txt	817.51	7409.97	790262.24
316	JP_2011_Tohoku_44_NS.txt	1022.71	4271.39	365845.9
317	JP_2011_Tohoku_45_EW.txt	453.39	105.85	4653.94
318	JP_2011_Tohoku_45_NS.txt	591.7	130.44	8157.62
319	JP_2011_Tohoku_46_EW.txt	529.08	530.14	21075.81
320	JP_2011_Tohoku_46_NS.txt	600.83	1200.88	51969.66
321	JP_2011_Tohoku_47_EW.txt	501.16	1751.92	103625.76
322	JP_2011_Tohoku_47_NS.txt	389.31	8011.05	920975.35
323	JP_2011_Tohoku_48_EW.txt	428.06	149.14	6899.33
324	JP_2011_Tohoku_48_NS.txt	409.34	265.93	11137.85
325	JP_2011_Tohoku_49_EW.txt	1285.38	1591.8	74292.08
326	JP_2011_Tohoku_49_NS.txt	2679.43	1699.75	69697.37
327	JP_2011_Tohoku_50_EW.txt	675.73	4983.81	500987.34
328	JP_2011_Tohoku_50_NS.txt	606.14	8905.5	1038233.38
329	JP_2011_Tohoku_51_EW.txt	987.02	577.95	35452.27
330	JP_2011_Tohoku_51_NS.txt	1519.82	295.86	13774.33
331	JP_2011_Tohoku_52_EW.txt	424.5	71.71	3100.69
332	JP_2011_Tohoku_52_NS.txt	452.65	71.55	2708.5
333	JP_2011_Tohoku_53_EW.txt	1201.2	215.86	6165.69

334	JP_2011_Tohoku_53_NS.txt	718.14	504.18	18065.66
335	JP_2011_Tohoku_54_EW.txt	601.37	68.49	796.93
336	JP_2011_Tohoku_54_NS.txt	539.21	98.12	1607.76
337	JP_2011_Tohoku_55_EW.txt	366.82	5029.31	526731.34
338	JP_2011_Tohoku_55_NS.txt	451.3	1847.76	114122.91
339	JP_2011_Tohoku_56_EW.txt	827.93	717.84	21925.88
340	JP_2011_Tohoku_56_NS.txt	560.99	419.59	13466.35
341	JP_2011_Tohoku_57_EW.txt	333.93	14.76	72.72
342	JP_2011_Tohoku_57_NS.txt	478.24	43.48	449.12
343	JP_2011_Tohoku_58_EW.txt	469.92	349.33	9274.75
344	JP_2011_Tohoku_58_NS.txt	460.49	22.43	60.13
345	JP_2011_Tohoku_59_EW.txt	354.2	62.97	3049.95
346	JP_2011_Tohoku_59_NS.txt	408.42	51.52	2181.38
347	JP_2011_Tohoku_60_EW.txt	606.85	61.34	627.55
348	JP_2011_Tohoku_60_NS.txt	315.2	1509.45	128006.14
349	JP_2011_Tohoku_61_EW.txt	407.9	1191.17	107038.72
350	JP_2011_Tohoku_61_NS.txt	317.1	3320.34	397677.38
351	JP_2012_25AGO_EW.txt	494.58	55.91	374.27
352	JP_2012_25AGO_NS.txt	317.93	2632.47	173459.78
353	JP_2012_30AGO_EW.txt	621.73	982.76	30795.86
354	JP_2012_30AGO_NS.txt	477.32	1933.37	81241.16
355	JP_2013_13APR_EW.txt	559.87	1122.54	44770.29
356	JP_2013_13APR_NS.txt	370.81	814.72	32795.93
357	JP_2013_25FEB_EW.txt	839.97	45.21	16.21
358	JP_2013_25FEB_NS.txt	1210.53	1506.38	82373.07
359	JP_2016_14APR_EW.txt	481.17	194.21	4357.02
360	JP_2016_14APR_NS.txt	371.6	1991.22	212659.39
361	JP_2016_28DEC_EW.txt	538.89	18.24	155.56
362	JP_2016_28DEC_NS.txt	344.87	1421.48	117161.84
363	JP_2016_Kumamoto_01_EW.txt	616.98	92.72	67.73
364	JP_2016_Kumamoto_01_NS.txt	830.27	120.53	538.29
365	JP_2016_Kumamoto_02_EW.txt	525.2	27.13	13.5
366	JP_2016_Kumamoto_02_NS.txt	224.78	32.91	297.04
367	JP_2016_Kumamoto_03_EW.txt	491.73	1196.29	75797.46
368	JP_2016_Kumamoto_03_NS.txt	522.39	85.11	1127.6
369	JP_2016_Kumamoto_04_EW.txt	606.98	85.91	794.96
370	JP_2016_Kumamoto_04_NS.txt	607.04	1348.44	95632.78
371	JP_2016_Kumamoto_05_EW.txt	228.41	29.99	126.12
372	JP_2016_Kumamoto_05_NS.txt	787.16	76.19	21.34
373	JP_2016_Kumamoto_06_EW.txt	360.05	10997.79	1433791.27
374	JP_2016_Kumamoto_06_NS.txt	468.81	1794.16	140209.32
375	JP_2016_Kumamoto_07_EW.txt	718.41	93.57	98.26
376	JP_2016_Kumamoto_07_NS.txt	528.08	63.87	87.01
377	JP_2016_Kumamoto_08_EW.txt	518.74	20.33	23.05
378	JP_2016_Kumamoto_08_NS.txt	550.86	1489.86	111539.34
379	JP_2018_Hokkaido_01_EW.txt	484.6	2182.76	183723.24
380	JP_2018_Hokkaido_01_NS.txt	528.72	68.52	465.12
381	JP_2018_Hokkaido_02_EW.txt	422.7	55.02	210.19

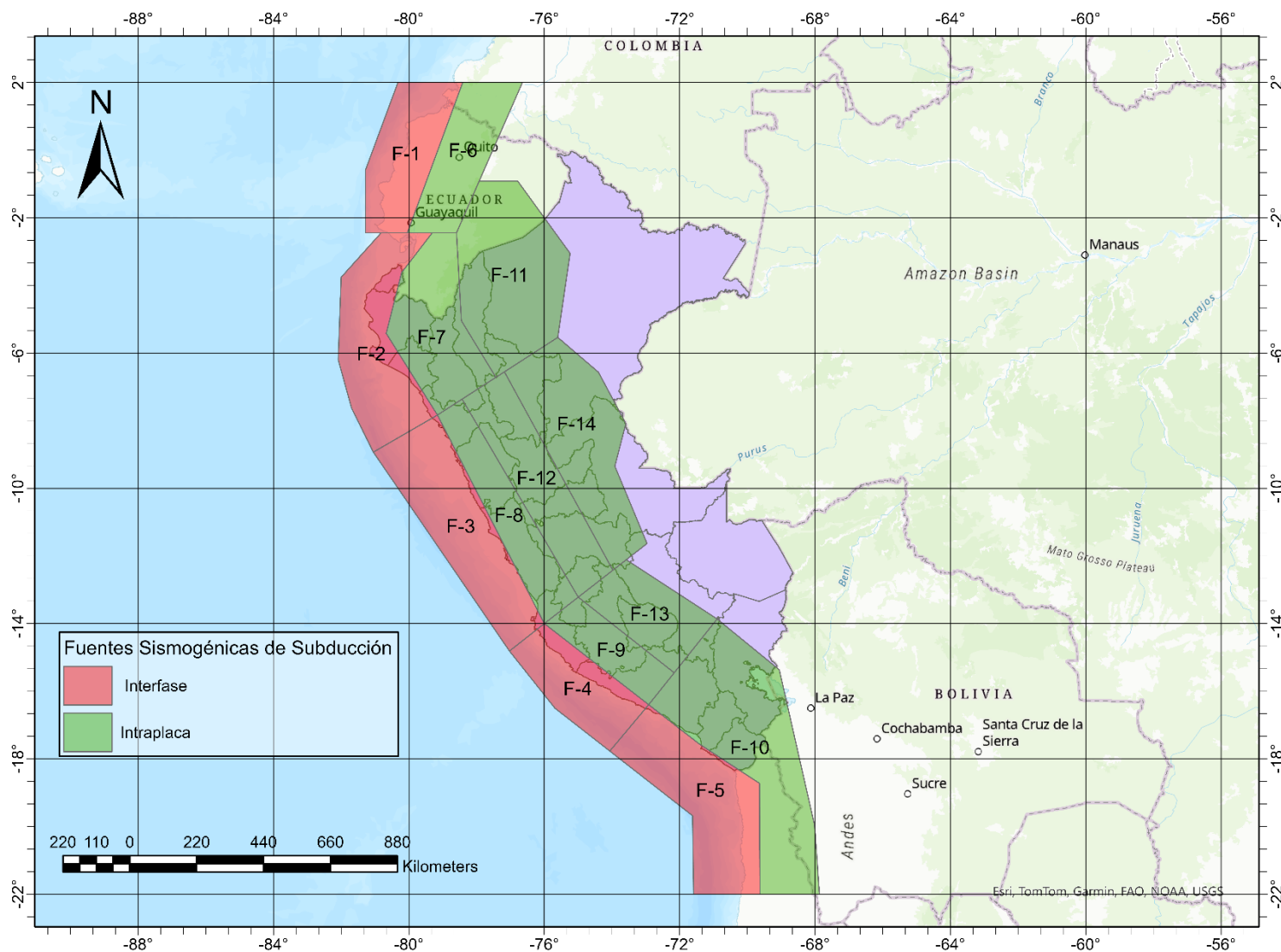
382	JP_2018_Hokkaido_02_NS.txt	367.47	1296.2	98151.41
383	JP_2018_Hokkaido_03_EW.txt	672.37	43.37	61.74
384	JP_2018_Hokkaido_03_NS.txt	568.82	71.72	542.83
385	JP_2018_Hokkaido_04_EW.txt	733.17	194.02	1962.64
386	JP_2018_Hokkaido_04_NS.txt	604.5	93.37	679.91
387	JP_2018_Hokkaido_05_EW.txt	666.19	127.82	1156.5
388	JP_2018_Hokkaido_05_NS.txt	551.93	100.9	732.06
389	JP_2018_Hokkaido_06_EW.txt	365.62	2236.88	178357.06
390	JP_2018_Hokkaido_06_NS.txt	321.05	3318.91	317325.6
391	JP_2018_Hokkaido_07_EW.txt	922.73	109.43	433.11
392	JP_2018_Hokkaido_07_NS.txt	1327.45	158.06	974.73
393	JP_2018_Osake_EW.txt	795.91	55.49	36.53
394	JP_2018_Osake_NS.txt	534.95	1193.14	52631.89
395	JP_2019_21FEB_EW.txt	411.2	171.92	2666.44
396	JP_2019_21FEB_NS.txt	448.78	1186.56	62219.76
397	JP_2021_Fukushima_01_EW.txt	517.34	60.5	571.71
398	JP_2021_Fukushima_01_NS.txt	711.39	70.97	729.88
399	JP_2021_Fukushima_02_EW.txt	518.66	77.65	563.42
400	JP_2021_Fukushima_02_NS.txt	257.9	1732.07	109241.42
401	JP_2021_Fukushima_03_EW.txt	502.45	339.24	6484.42
402	JP_2021_Fukushima_03_NS.txt	517.74	95.67	879.84
403	JP_2021_Fukushima_04_EW.txt	581	51.36	440.04
404	JP_2021_Fukushima_04_NS.txt	508.69	4060.35	439289.44
405	JP_2021_Fukushima_05_EW.txt	501.78	40.17	455.07
406	JP_2021_Fukushima_05_NS.txt	425.3	692.25	24521.76
407	JP_2021_Fukushima_06_EW.txt	483.59	872.87	33633.49
408	JP_2021_Fukushima_06_NS.txt	565.56	20.49	57.49
409	JP_2021_Fukushima_07_EW.txt	315.91	141.62	2176.17
410	JP_2021_Fukushima_07_NS.txt	436.77	936.53	40847.62
411	JP_2021_Fukushima_08_EW.txt	533.43	1168.45	56440.53
412	JP_2021_Fukushima_08_NS.txt	440.96	492.24	13892.87
413	JP_2021_Fukushima_09_EW.txt	1071.3	94.71	787.35
414	JP_2021_Fukushima_09_NS.txt	1425.69	78.46	32.43
415	JP_2021_Fukushima_10_EW.txt	298.69	377.17	10846.83
416	JP_2021_Fukushima_10_NS.txt	423.55	77.03	882.88
417	JP_2021_Miyagi_01_EW.txt	609.45	23.12	154.09
418	JP_2021_Miyagi_01_NS.txt	628.92	34.01	206.61
419	JP_2021_Miyagi_02_EW.txt	333.03	19.1	206.72
420	JP_2021_Miyagi_02_NS.txt	738.24	70.7	661.53
421	MX_1985_Guerrero_N00W.txt	625.9	11.25	11.03
422	MX_1985_Guerrero_N90W.txt	473.73	11.39	26.9
423	PE_1966_17OCT_EW.txt	180.56	17.18	77.12
424	PE_1966_17OCT_NS.txt	268.24	27.67	174.85
425	PE_1970_31MAY_EW.txt	105.05	10.71	146.91
426	PE_1970_31MAY_NS.txt	97.81	6.91	65.37
427	PE_1974_03OCT_EW.txt	194.2	88.92	2183.56
428	PE_1974_03OCT_NS.txt	180.09	57.93	1365.46
429	PE_1974_05ENE_01_EW.txt	138.94	7.73	30.28

430	PE_1974_05ENE_01_NS.txt	156.3	4.58	3.46
431	PE_1974_05ENE_02_EW.txt	66.72	6.41	48.29
432	PE_1974_05ENE_02_NS.txt	71.63	8.77	58.06
433	PE_1974_09NOV_01_EW.txt	117.08	8.78	18.49
434	PE_1974_09NOV_01_NS.txt	93.56	5.31	8.32
435	PE_1974_09NOV_02_EW.txt	46.28	5.69	45.75
436	PE_1974_09NOV_02_NS.txt	69.96	10.06	67.51
437	PE_2001_07JUL_01_EW.txt	35.92	7.93	22.16
438	PE_2001_07JUL_01_NS.txt	40.42	45.62	996.54
439	PE_2001_07JUL_02_EW.txt	123.21	15.06	212.99
440	PE_2001_07JUL_02_NS.txt	120.52	6.85	46.17
441	PE_2001_23JUN_EW.txt	295.15	28.4	142.54
442	PE_2001_23JUN_NS.txt	219.99	39.34	326.95
443	PE_2005_13JUN_01_EW.txt	50.01	2.74	13.59
444	PE_2005_13JUN_01_NS.txt	60.97	3.02	18.3
445	PE_2005_13JUN_02_EW.txt	119.11	6.76	17.11
446	PE_2005_13JUN_02_NS.txt	111.15	8.17	14.26
447	PE_2005_13JUN_03_EW.txt	138.5	3.23	30.67
448	PE_2005_13JUN_03_NS.txt	125.43	3.34	20.37
449	PE_2005_13JUN_04_EW.txt	81.06	3.05	17.13
450	PE_2005_13JUN_04_NS.txt	52.57	3.91	35.21
451	PE_2005_13JUN_05_EW.txt	80.92	4.32	22.9
452	PE_2005_13JUN_05_NS.txt	65.12	3.46	18.64
453	PE_2005_13JUN_06_EW.txt	85.54	4.94	10.58
454	PE_2005_13JUN_06_NS.txt	94.18	6.99	24.89
455	PE_2005_13JUN_07_EW.txt	57.45	5	53.72
456	PE_2005_13JUN_07_NS.txt	65.83	2.33	1.37
457	PE_2005_25SET_01_EW.txt	17.1	0.58	5.84
458	PE_2005_25SET_01_NS.txt	12.81	0.36	3.03
459	PE_2005_25SET_02_EW.txt	131.36	17.64	19.49
460	PE_2005_25SET_02_NS.txt	103.39	13.4	20.75
461	PE_2005_25SET_03_EW.txt	13.95	0.3	0.38
462	PE_2005_25SET_03_NS.txt	14.66	0.26	0.66
463	PE_2007_PISCO_01_EW.txt	272.82	63.39	2053.92
464	PE_2007_PISCO_01_NS.txt	333.66	69.11	1069.76
465	PE_2007_PISCO_02_EW.txt	78.73	6.5	21.39
466	PE_2007_PISCO_02_NS.txt	69.05	3.63	50.19
467	PE_2007_PISCO_03_EW.txt	73.89	9.3	200.03
468	PE_2007_PISCO_03_NS.txt	46.89	3.62	21.01
469	PE_2007_PISCO_04_EW.txt	73.89	9.3	200.03
470	PE_2007_PISCO_04_NS.txt	46.89	3.62	21.01
471	PE_2007_PISCO_05_EW.txt	5.76	3.08	115.82
472	PE_2007_PISCO_05_NS.txt	9.62	5.23	224.66
473	PE_2007_PISCO_06_EW.txt	101.03	12.19	183.26
474	PE_2007_PISCO_06_NS.txt	95.76	11.28	11.25
475	PE_2010_05MAY_01_EW.txt	99.7	8.7	4.59
476	PE_2010_05MAY_01_NS.txt	104	9	12.87
477	PE_2010_05MAY_02_EW.txt	154	8.54	2.25

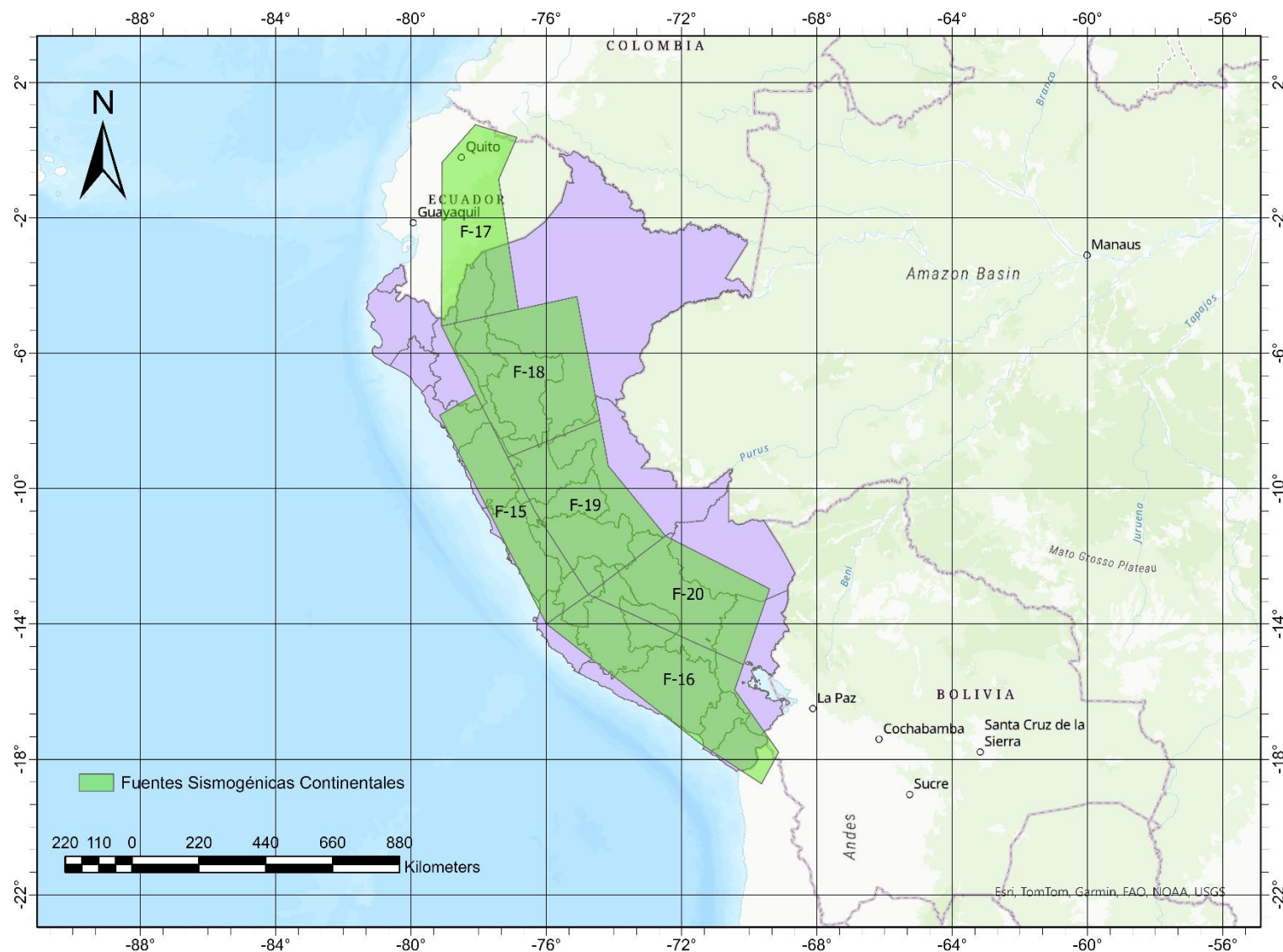
478	PE_2010_05MAY_02_NS.txt	190	11.37	2.64
479	PE_2011_24AGO_01_EW.txt	5.9	0.43	4.52
480	PE_2011_24AGO_01_NS.txt	5.26	0.42	4.29
481	PE_2011_24AGO_02_EW.txt	5.75	0.58	6.58
482	PE_2011_24AGO_02_NS.txt	5.58	0.51	3.1
483	PE_2011_24AGO_03_EW.txt	6.4	0.87	18.47
484	PE_2011_24AGO_03_NS.txt	6.71	0.44	7.51
485	PE_2011_24AGO_04_EW.txt	18.64	3.42	105.46
486	PE_2011_24AGO_04_NS.txt	21.97	2.45	67.11
487	PE_2011_24AGO_05_EW.txt	10.61	0.34	5.36
488	PE_2011_24AGO_05_NS.txt	9.57	0.43	2.11
489	PE_2011_24AGO_06_EW.txt	5.64	0.49	6.57
490	PE_2011_24AGO_06_NS.txt	6.93	0.44	6.17
491	PE_2011_24AGO_07_EW.txt	6.07	1.18	20.25
492	PE_2011_24AGO_07_NS.txt	5.8	1.38	41.55
493	PE_2012_14MAY_EW.txt	180	9.79	4.41
494	PE_2012_14MAY_NS.txt	85.6	5.09	3.35
495	PE_2015_24NOV_01_EW.txt	0.32	0.02	0.09
496	PE_2015_24NOV_01_NS.txt	0.25	0.02	0.17
497	PE_2015_24NOV_02_EW.txt	0.23	0.01	0.02
498	PE_2015_24NOV_02_NS.txt	0.19	0.01	0.06
499	PE_2015_24NOV_03_EW.txt	0.8	0.03	0.05
500	PE_2015_24NOV_03_NS.txt	0.8	0.02	0.04
501	PE_2015_24NOV_04_EW.txt	3.51	0.2	0.95
502	PE_2015_24NOV_04_NS.txt	3.53	0.24	0.44
503	PE_2015_24NOV_05_EW.txt	1.1	0.03	0.02
504	PE_2015_24NOV_05_NS.txt	0.86	0.04	0.01
505	TW_1999_ChiChi_01_360.txt	693.15	77	59.5
506	TW_1999_ChiChi_01_90.txt	582.63	60.31	157.06
507	TW_1999_ChiChi_02_360.txt	618.94	42.55	157
508	TW_1999_ChiChi_02_90.txt	297.63	22.09	132.96
509	TW_1999_ChiChi_03_360.txt	836.85	111.71	384.02
510	TW_1999_ChiChi_03_90.txt	792.82	96.65	215.97
511	TW_1999_ChiChi_04_360.txt	445.01	114.41	303.05
512	TW_1999_ChiChi_04_90.txt	338.55	57.85	103.01
513	TW_1999_ChiChi_05_360.txt	437.21	191.18	625.96
514	TW_1999_ChiChi_05_90.txt	352.18	131.82	229.27
515	TW_1999_ChiChi_06_360.txt	360.11	58.27	508.84
516	TW_1999_ChiChi_06_90.txt	466.87	73.35	49.55
517	TW_1999_ChiChi_07_360.txt	362.85	45.47	120.89
518	TW_1999_ChiChi_07_90.txt	584.17	76.97	47.24
519	TW_1999_ChiChi_08_360.txt	301.85	37.12	68.57
520	TW_1999_ChiChi_08_90.txt	433.57	39.24	33.66
521	TW_1999_ChiChi_09_360.txt	679.93	44.59	60.21
522	TW_1999_ChiChi_09_90.txt	366.4	44.46	129.36
523	TW_1999_ChiChi_10_360.txt	606.64	32.75	140.88
524	TW_1999_ChiChi_10_90.txt	937.26	66.07	65.4
525	US_1981_Westmorland_180.txt	465.63	49.22	93.34

526	US_1981_Westmorland_90.txt	376.66	42.39	37.64
527	US_1986_North Palm Springs_0.txt	293.96	35.24	17.85
528	US_1986_North Palm Springs_90.txt	263.76	21.1	33.98
529	US_1987_WhittierNarrows_01_270.txt	399.11	25.84	103.94
530	US_1987_WhittierNarrows_01_360.txt	420.11	20.09	34.83
531	US_1987_WhittierNarrows_02_0.txt	397.48	20.3	7.36
532	US_1987_WhittierNarrows_02_90.txt	526.92	29.81	29.54
533	US_1989_Loma Prieta_01_0.txt	462.92	44.97	110.92
534	US_1989_Loma Prieta_01_90.txt	390.79	34.8	47.01
535	US_1989_Loma Prieta_02_0.txt	426.61	34.49	24
536	US_1989_Loma Prieta_02_90.txt	433.62	50.13	58.62
537	US_1989_Loma Prieta_03_0.txt	531.66	39.08	124.78
538	US_1989_Loma Prieta_03_90.txt	362.01	43.07	18.95
539	US_1989_Loma Prieta_04_0.txt	617.7	81.42	192.74
540	US_1989_Loma Prieta_04_90.txt	469.38	52.32	116.29
541	US_1989_Loma Prieta_05_195.txt	148.69	19.1	66.53
542	US_1989_Loma Prieta_05_285.txt	470.96	44.2	76.64
543	US_1989_Loma Prieta_06_0.txt	494.45	41.29	20.02
544	US_1989_Loma Prieta_06_90.txt	316.19	69.5	221.16
545	US_1991_Petrolia_360.txt	369.71	27.27	55.88
546	US_1991_Petrolia_90.txt	488.68	34.55	27.85
547	US_1991_SierraMadre_0.txt	438.91	53.47	33.04
548	US_1991_SierraMadre_90.txt	175.62	10.26	13.4
549	US_1992_Big Bear_270.txt	472.17	31.57	34.88
550	US_1992_Big Bear_360.txt	534.23	31.44	30.27
551	US_1992_Petrolia_01_0.txt	578.14	81.08	633.11
552	US_1992_Petrolia_01_90.txt	649.44	99.21	163.94
553	US_1992_Petrolia_02_270.txt	378.27	42.34	127.59
554	US_1992_Petrolia_02_360.txt	538.52	44.03	20.58
555	US_1992_Petrolia_Aftershock_01_360.txt	587.24	71.4	45.21
556	US_1992_Petrolia_Aftershock_01_90.txt	431.05	29.08	11.16
557	US_1992_Petrolia_Aftershock_02_360.txt	316.8	25.91	9.69
558	US_1992_Petrolia_Aftershock_02_90.txt	483.48	52.32	36.42
559	US_1992_Petrolia_Aftershock_03_360.txt	282.51	15.31	2.33
560	US_1992_Petrolia_Aftershock_03_90.txt	479.66	27.18	26.09
561	US_1994_Northridge_01_360.txt	464.55	27.43	65.02
562	US_1994_Northridge_01_90.txt	272.41	23.29	15.83
563	US_1994_Northridge_02_360.txt	302.04	22.79	15.08
564	US_1994_Northridge_02_90.txt	337.32	34.37	68.63
565	US_1994_Northridge_03_360.txt	578.19	82.3	106.74
566	US_1994_Northridge_03_90.txt	571.62	93.52	112.9
567	US_2005_Anza_01_360.txt	165.66	13.82	48.67
568	US_2005_Anza_01_90.txt	340.66	14.05	25.7
569	US_2005_Anza_02_360.txt	473.4	18.37	10.78
570	US_2005_Anza_02_90.txt	557.36	20.84	1.83

Anexo 3: Fuentes sismogénicas de subducción

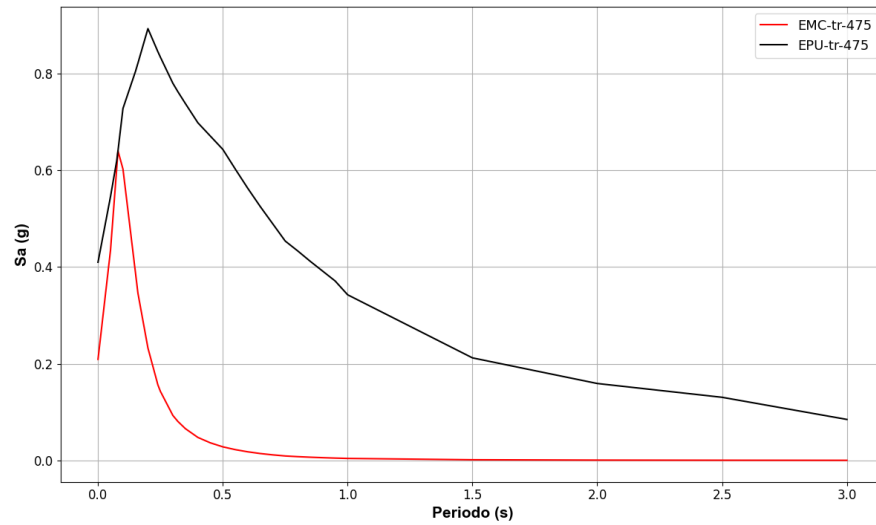


Anexo 4: Fuentes sismogénicas continentales

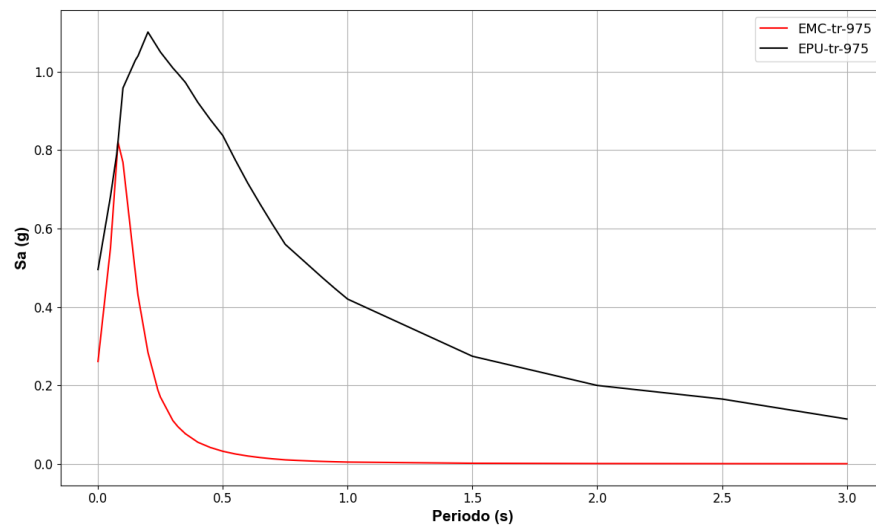


Anexo 5: Espectros medios condicionados

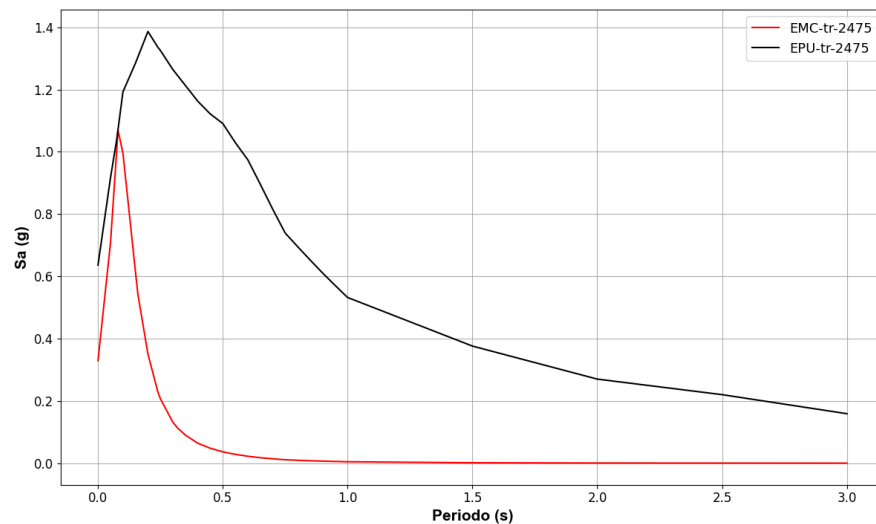
ESPECTRO OBJETIVO
TSemc-tr-475



ESPECTRO OBJETIVO
TSemc-tr-975

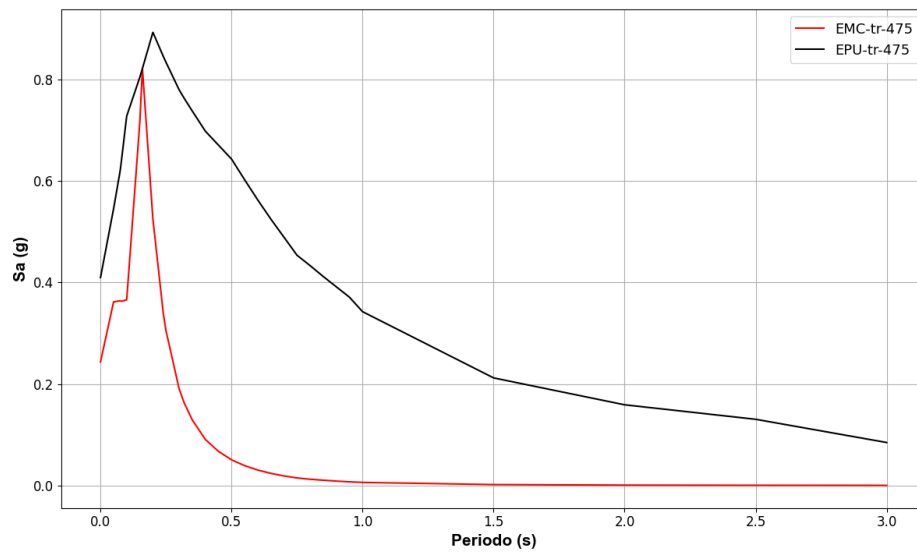


ESPECTRO OBJETIVO
TSemc-tr-2475



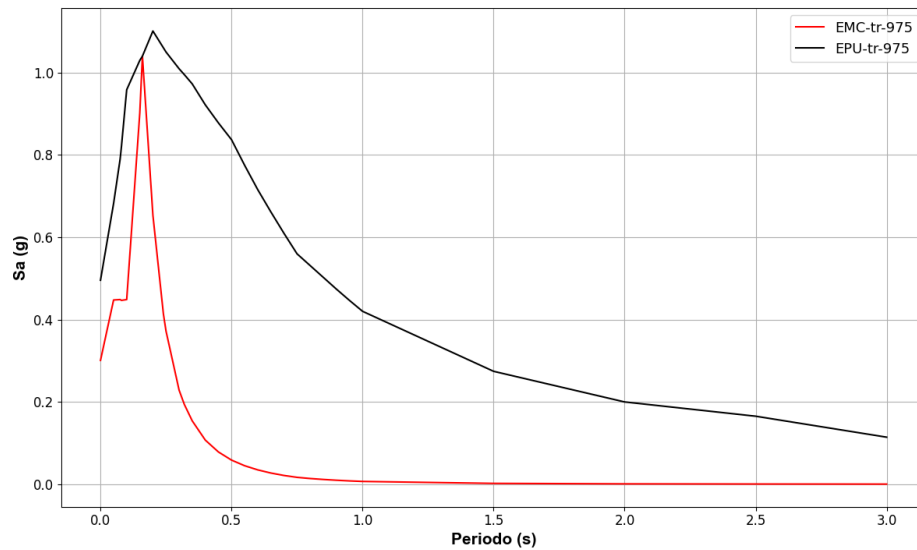
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**ESPECTRO OBJETIVO
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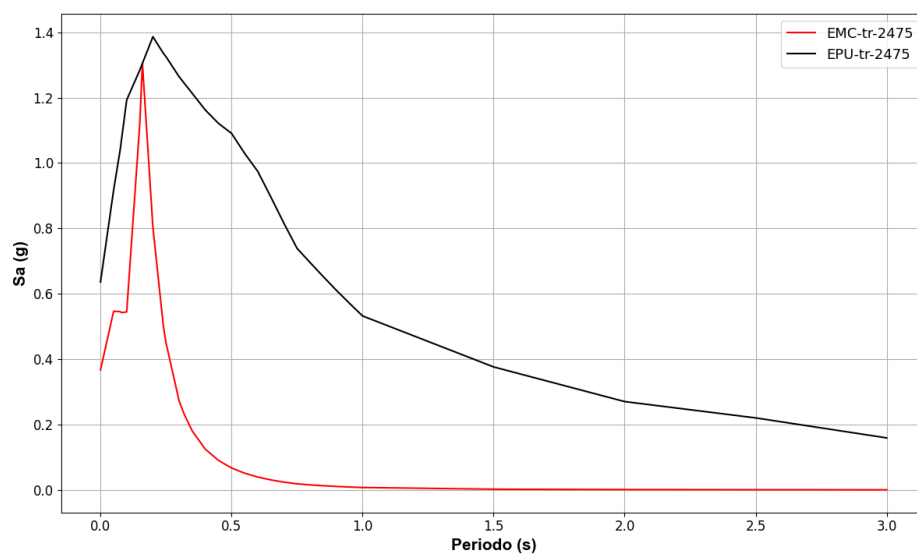


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TSemc-tr-975**

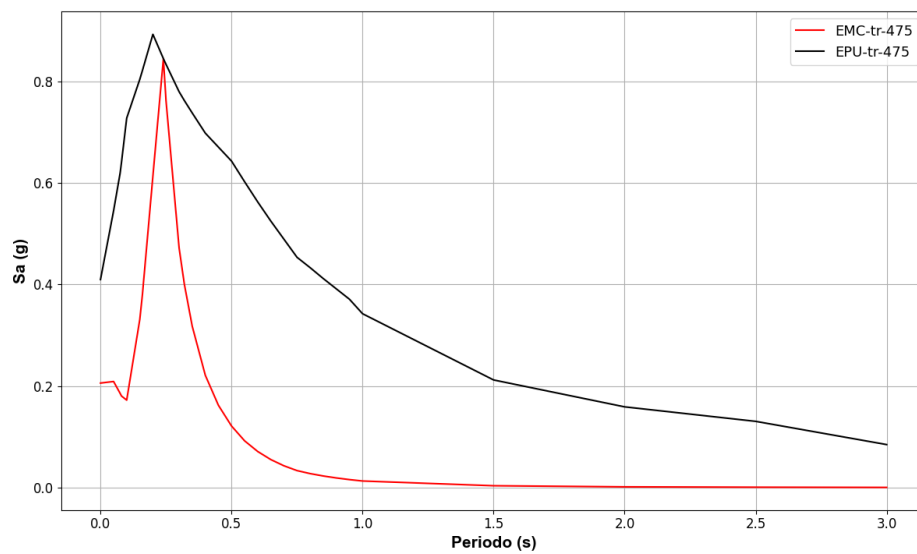
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**ESPECTRO OBJETIVO
TSemc-tr-2475**

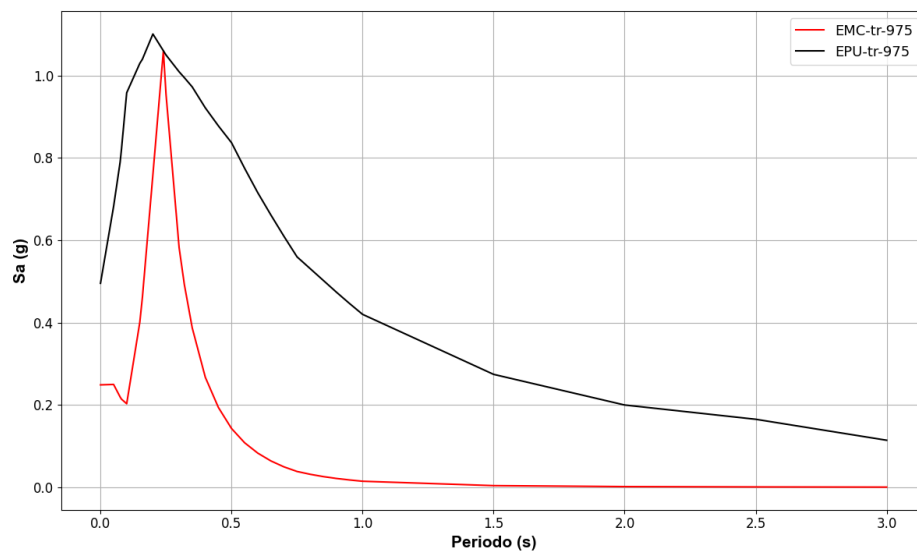


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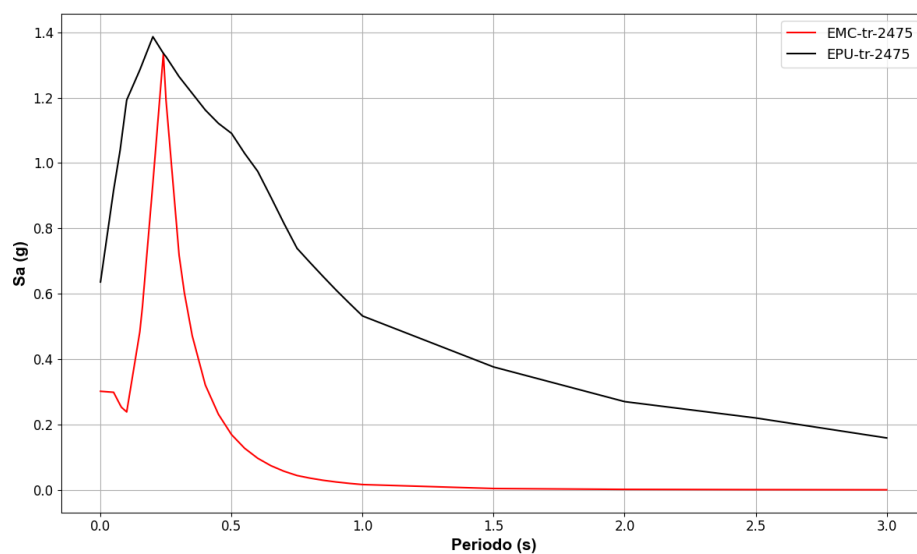


**ESPECTRO OBJETIVO
TSemc-tr-975**

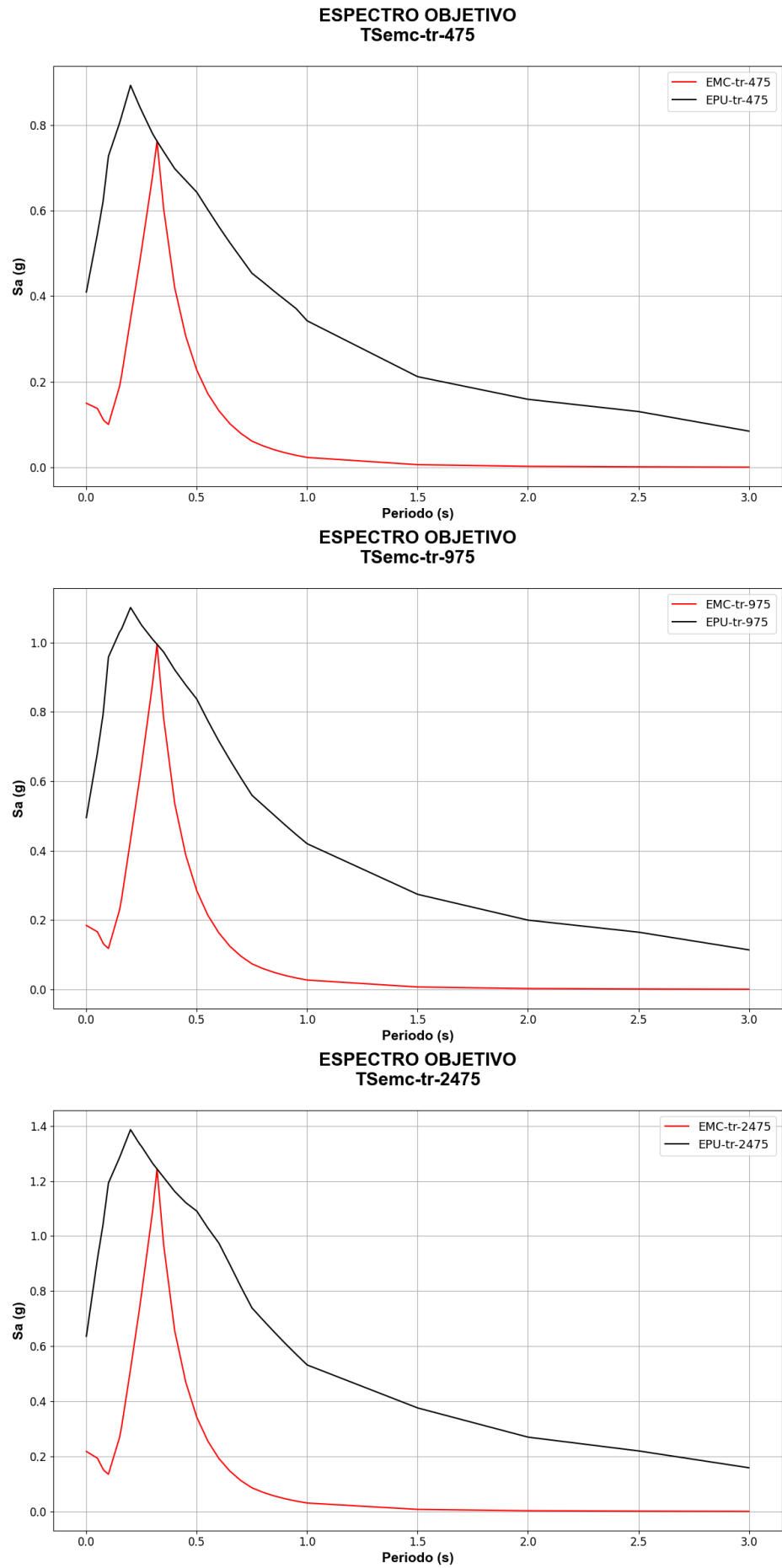
Modelo T=0.24s



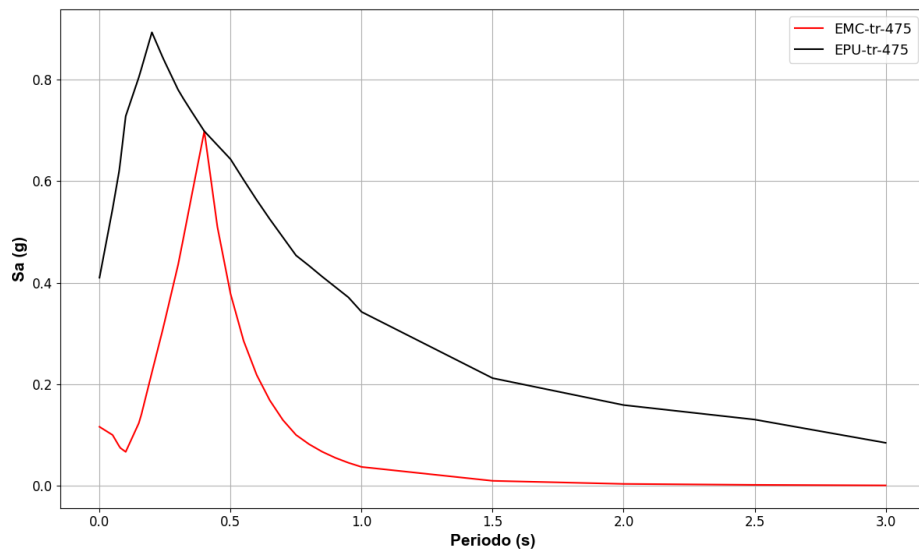
**ESPECTRO OBJETIVO
TSemc-tr-2475**



Modelo T=0.32s

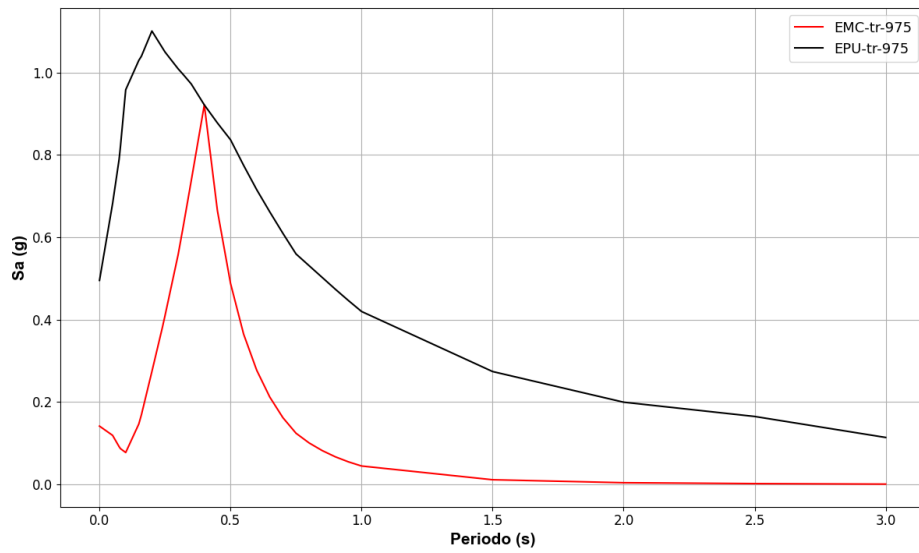


**ESPECTRO OBJETIVO
TSemc-tr-475**

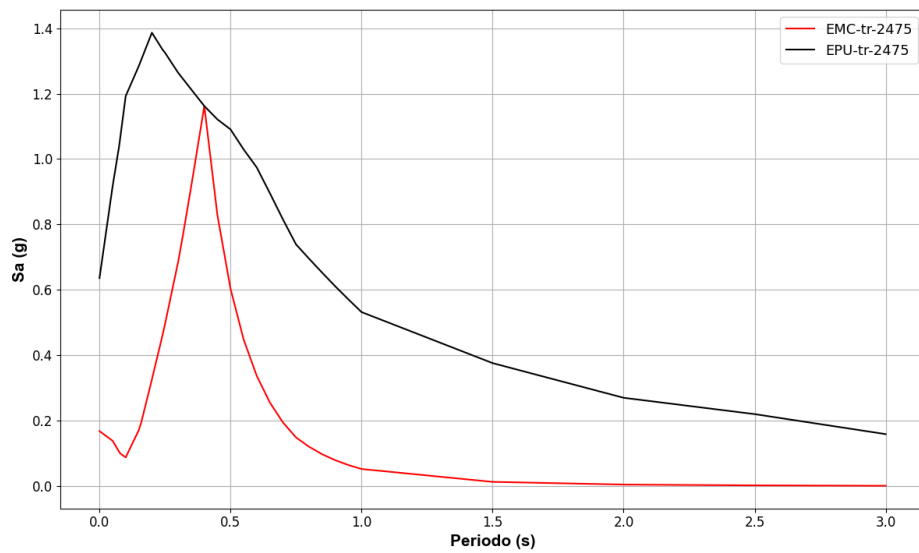


**ESPECTRO OBJETIVO
TSemc-tr-975**

Modelo T=0.40s



**ESPECTRO OBJETIVO
TSemc-tr-2475**



Anexo 6: Resultados de selección de registros sísmicos

REGISTROS SELECCIONADOS CASO Nmr T=0.08s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP 2004 Chuetsu 07 NS	1.216	63.69	JP 2004 Chuetsu 07 NS	1.216	63.69	CH 2010 Maule 04 Transv	1.185	270.90	JP 2004 Chuetsu 07 NS	1.182	63.43	JP 2004 Chuetsu 07 NS	1.182	63.43	JP 2011 Tohoku 15 EW	0.610	225.72
	2	JP 2004 Chuetsu 07 EW	0.923	71.85	JP 2004 Chuetsu 07 EW	0.923	71.85	JP 2003 Hokkaido 05 EW	2.425	357.03	JP 2011 Tohoku 55 EW	1.303	65.70	JP 2011 Tohoku 55 EW	1.303	65.70	PE 2005 25SET 01 EW	4.000	501.38
	3	CH 2014 Iquique 02 EW	3.274	84.71	CH 2014 Iquique 02 EW	3.274	84.71	JP 2004 27OCT 01 EW	1.936	219.89	JP 2004 Chuetsu 07 EW	0.925	71.83	JP 2004 Chuetsu 07 EW	0.925	71.83	PE 2005 25SET 01 NS	4.000	507.82
	4	PE 1974 03OCT EW	2.819	87.80	PE 1974 03OCT EW	2.819	87.80	JP 2005 Miyagi 02 EW	1.323	292.23	CH 2014 Iquique 02 EW	3.485	81.19	CH 2014 Iquique 02 EW	3.485	81.19	PE 2007 PINSO 05 EW	4.000	500.72
	5	JP 2011 Tohoku 01 NS	0.682	101.48	JP 2011 Tohoku 01 NS	0.682	101.48	JP 2007 Noto 02 NS	1.851	410.25	PE 1974 03OCT EW	2.606	82.90	PE 1974 03OCT EW	2.606	82.90	PE 2011 24AGO 01 EW	4.000	514.59
	6	CH 2014 PSGCX EW	2.668	106.99	CH 2014 PSGCX EW	2.668	106.99	JP 2011 12APR EW	1.809	291.44	JP 2003 Hokkaido 06 NS	1.212	86.50	JP 2003 Hokkaido 06 NS	1.212	86.50	PE 2011 24AGO 01 NS	4.000	515.81
	7	US 1994 Northridge 01 90	2.100	109.40	US 1994 Northridge 01 90	2.100	109.40	JP 2011 Miyagi 01 NS	1.009	293.77	TW 1999 ChiChi 10 90	0.760	91.72	TW 1999 ChiChi 10 90	0.760	91.72	PE 2011 24AGO 02 EW	4.000	509.68
	8	JP 2016 Kumamoto 05 EW	1.836	116.81	JP 2016 Kumamoto 05 EW	1.836	116.81	JP 2011 Miyagi 09 EW	2.247	323.47	JP 2011 Tohoku 01 NS	0.730	95.95	JP 2011 Tohoku 01 NS	0.730	95.95	PE 2011 24AGO 02 NS	4.000	509.48
	9	JP 2011 Tohoku 22 EW	1.229	116.90	JP 2011 Tohoku 22 EW	1.229	116.90	JP 2011 Miyagi 17 NS	1.147	269.52	US 1986 North Palm Springs 0	1.364	96.84	US 1986 North Palm Springs 0	1.364	96.84	PE 2011 24AGO 03 EW	4.000	514.00
	10	JP 2011 Tohoku 44 NS	0.578	120.37	JP 2004 14DEC EW	0.571	122.94	JP 2011 Tohoku 10 EW	0.758	145.12	PE 2001 07JUL 02 EW	3.545	97.67	PE 2001 07JUL 02 EW	3.545	97.67	PE 2011 24AGO 03 NS	4.000	513.56
	11	JP 2004 14DEC EW	0.571	122.94	JP 2011 Tohoku 59 EW	1.526	124.87	JP 2011 Tohoku 53 EW	0.769	385.83	JP 2011 Tohoku 55 NS	0.948	100.96	JP 2011 Tohoku 55 NS	0.948	100.96	PE 2011 24AGO 04 NS	4.000	465.22
	12	JP 2011 Tohoku 59 EW	1.526	124.87	CH 2012 GO05 EW	2.892	130.16	JP 2011 Tohoku 56 EW	0.945	473.60	TW 1999 ChiChi 08 90	0.880	105.54	TW 1999 ChiChi 08 90	0.880	105.54	PE 2011 24AGO 05 EW	4.000	512.49
	13	JP 2021 Fukushima 01 EW	0.860	126.75	JP 2011 Miyagi 11 EW	0.647	130.64	JP 2011 Tohoku 58 EW	2.157	314.37	US 1994 Northridge 01 90	2.000	106.61	US 1994 Northridge 01 90	2.000	106.61	PE 2011 24AGO 05 NS	4.000	512.70
	14	CH 2012 GO05 EW	2.892	130.16	JP 2011 Tohoku 28 EW	1.109	131.42	JP 2016 Kumamoto 05 NS	1.161	428.29	CH 2014 PSGCX EW	2.667	106.98	CH 2014 PSGCX EW	2.667	106.98	PE 2011 24AGO 06 EW	4.000	513.61
	15	JP 2011 Miyagi 11 EW	0.647	130.64	JP 2011 Tohoku 19 NS	1.272	137.08	JP 2016 Kumamoto 06 NS	1.843	585.92	JP 2011 Tohoku 09 EW	1.000	107.72	JP 2011 Tohoku 09 EW	1.000	107.72	PE 2011 24AGO 06 NS	4.000	513.68
	16	JP 2011 Tohoku 28 EW	1.109	131.42	US 1994 Northridge 01 360	1.436	137.99	JP 2018 Hokkaido 06 NS	1.634	159.74	JP 2011 Tohoku 59 EW	1.333	108.61	JP 2011 Tohoku 59 EW	1.333	108.61	PE 2015 24NOV 01 NS	4.000	532.90
	17	JP 2011 Tohoku 19 NS	1.272	137.08	JP 2011 Tohoku 44 EW	0.814	143.15	JP 2018 Osake NS	1.721	208.15	US 1994 Northridge 02 360	1.424	108.88	US 1994 Northridge 02 360	1.424	108.88	PE 2015 24NOV 03 NS	4.000	531.98
	18	US 1994 Northridge 01 360	1.436	137.99	JP 2011 Tohoku 05 EW	1.522	144.44	PE 2001 23JUN EW	2.392	307.23	TW 1999 ChiChi 08 360	1.212	108.94	TW 1999 ChiChi 08 360	1.212	108.94	PE 2015 24NOV 04 EW	4.000	522.97
	19	JP 2011 Tohoku 44 EW	0.814	143.15	PE 1974 03OCT NS	3.474	145.00	TW 1999 ChiChi 09 90	1.651	206.44	JP 2004 Chuetsu 06 EW	0.603	109.30	JP 2004 Chuetsu 06 EW	0.603	109.30	PE 2015 24NOV 05 EW	4.000	531.31
	20	JP 2011 Tohoku 05 EW	1.522	144.44	JP 2011 Tohoku 10 EW	0.758	145.12	US 1989 Loma Prieta 06 0	1.944	336.62	JP 2011 Tohoku 44 NS	0.655	109.56	JP 2011 Tohoku 44 NS	0.655	109.56	PE 2015 24NOV 05 NS	4.000	531.42
MAPE	1	JP 2004 Chuetsu 07 NS	1.216	15.22	JP 2004 Chuetsu 07 NS	1.216	15.22	CH 2010 Maule 04 Transv	1.185	46.41	JP 2011 Tohoku 55 EW	1.303	12.95	JP 2011 Tohoku 55 EW	1.303	12.95	CH 2010 Maule 01 Transv	0.528	54.60
	2	CH 2014 Iquique 02 EW	3.274	16.25	CH 2014 Iquique 02 EW	3.274	16.25	JP 2003 Hokkaido 05 EW	2.425	58.38	PE 2001 07JUL 02 EW	3.758	14.54	PE 2001 07JUL 02 EW	3.758	14.54	JP 2011 Fukushima 02 NS	1.212	36.19
	3	JP 2021 Fukushima 01 EW	0.860	19.79	JP 2011 Tohoku 01 NS	0.682	20.33	JP 2004 27OCT 01 EW	1.936	58.22	JP 2004 Chuetsu 07 NS	1.273	14.98	JP 2004 Chuetsu 07 NS	1.273	14.98	PE 2005 25SET 01 EW	4.000	95.43
	4	JP 2011 Tohoku 01 NS	0.682	20.33	TW 1999 ChiChi 10 90	0.952	21.41	JP 2005 Miyagi 02 EW	1.323	63.18	CH 2014 Iquique 02 EW	3.545	15.02	CH 2014 Iquique 02 EW	3.545	15.02	PE 2007 PINSO 01 EW	0.880	24.97
	5	TW 1999 ChiChi 10 90	0.952	21.41	JP 2004 Chuetsu 07 EW	0.923	21.61	JP 2007 Noto 02 NS	1.851	90.38	JP 2011 Tohoku 09 EW	0.948	16.72	JP 2011 Tohoku 09 EW	0.948	16.72	PE 2007 PINSO 05 EW	4.000	93.16
	6	JP 2004 Chuetsu 07 EW	0.923	21.61	JP 2016 Kumamoto 05 EW	1.836	22.50	JP 2011 12APR EW	1.809	55.03	JP 2011 Tohoku 55 NS	0.888	17.40	JP 2011 Tohoku 55 NS	0.888	17.40	PE 2007 PINSO 06 EW	2.848	40.83
	7	JP 2016 Kumamoto 05 EW	1.836	22.50	PE 1974 03OCT EW	2.819	22.87	JP 2011 Miyagi 01 NS	1.009	62.67	JP 2011 Tohoku 22 EW	0.985	17.40	JP 2011 Tohoku 22 EW	0.985	17.40	PE 2011 24AGO 02 EW	4.000	95.03
	8	PE 1974 03OCT EW	2.819	22.87	JP 2011 Tohoku 22 NS	0.874	22.93	JP 2011 Miyagi 09 EW	2.247	64.40	JP 2016 Kumamoto 05 EW	1.636	17.85	JP 2016 Kumamoto 05 EW	1.636	17.85	PE 2011 24AGO 02 NS	4.000	95.53
	9	JP 2011 Tohoku 22 NS	0.874	22.93	JP 2011 Tohoku 19 NS	1.272	23.44	JP 2011 Miyagi 17 NS	1.147	49.65	US 1994 Northridge 02 360	1.424	17.87	US 1994 Northridge 02 360	1.424	17.87	PE 2011 24AGO 03 EW	4.000	96.54
	10	JP 2011 Tohoku 19 NS	1.272	23.44	US 1994 Northridge 01 360	1.436	24.17	JP 2011 Tohoku 10 EW	0.758	35.06	JP 2011 Tohoku 19 EW	1.182	18.11	JP 2011 Tohoku 19 EW	1.182	18.11	PE 2011 24AGO 03 NS	4.000	96.77
	11	US 1994 Northridge 01 360	1.436	24.17	CH 2014 PSGCX EW	2.668	24.22	JP 2011 Tohoku 53 EW	0.769	66.12	TW 1999 ChiChi 01 90	0.558	18.24	TW 1999 ChiChi 01 90	0.558	18.24	PE 2011 24AGO 04 NS	4.000	90.38
	12	CH 2014 PSGCX EW	2.668	24.22	JP 2011 Tohoku 22 EW	1.229	25.14	JP 2011 Tohoku 56 EW	0.945	76.90	US 1986 North Palm Springs 0	1.394	18.53	US 1986 North Palm Springs 0	1.394	18.53	PE 2011 24AGO 05 EW	4.000	96.50
	13	JP 2011 Tohoku 22 EW	1.229	25.14	US 1994 Northridge 01 90	2.100	25.19	JP 2011 Tohoku 58 EW	2.157	50.51	JP 2011 Tohoku 01 NS	0.753	18.64	JP 2011 Tohoku 01 NS	0.753	18.64	PE 2011 24AGO 06 EW	4.000	96.58
	14	US 1994 Northridge 01 90	2.100	25.19	JP 2004 27OCT 03 NS	1.364	25.53	JP 2016 Kumamoto 05 NS	1.161	98.61	JP 2003 Hokkaido 11 NS	0.895	19.16	JP 2003 Hokkaido 11 NS	0.895	19.16	PE 2011 24AGO 07 EW	4.000	91.23
	15	JP 2004 27OCT 03 NS	1.364	25.53	JP 2018 Hokkaido 06 NS	1.634	26.12	JP 2016 Kumamoto 06 NS	1.843	150.79	TW 1999 ChiChi 10 90	0.865	19.32	TW 1999 ChiChi 10 90	0.865	19.32	PE 2015 24NOV 01 NS	4.000	99.85
	16	JP 2018 Hokkaido 06 NS	1.634	26.12	JP 2011 Tohoku 28 EW	1.109	26.63	JP 2018 Hokkaido 06 NS	1.634	26.12	JP 2003 Hokkaido 03 EW	0.685	19.58	JP 2003 Hokkaido 03 EW	0.685	19.58	PE 2015 24NOV 03 NS	4.000	99.76
	17	JP 2011 Tohoku 19 EW	1.437	26.24	CH 2012 GO05 EW	2.892	27.20	JP 2018 Osake NS	1.721	44.58	JP 2021 Fukushima 01 EW	0.895	19.61	JP 2021 Fukushima 01 EW	0.895	19.61	PE 2015 24NOV 04 EW	4.000	98.47
	18	JP 2011 Tohoku 28 EW	1.109	26.63	JP 2011 Tohoku 59 EW	1.526	28.18	PE 2001 23JUN EW	2.392	58.91	JP 2003 Hokkaido 06 NS	1.212	19.87	JP 2003 Hokkaido 06 NS	1.212	19.87	PE 2015 24NOV 05 EW	4.000	99.67
	19	CH 2012 GO05 EW	2.892	27.20	JP 2009 Shizuoca 02 EW	1.904	28.90	TW 1999 ChiChi 09 90	1.651	34.42	US 1989 Loma Prieta 03 90	0.940	20.25	US 1989 Loma Prieta 03 90	0.940	20.25	PE 2015 24NOV 05 NS	4.000	99.65
	20	JP 2011 Tohoku 59 EW	1.526	28.18	JP 2011 Tohoku 05 EW	1.522	28.97	US 1989 Loma Prieta 06 0	1.944	85.66	JP 2003 Hokkaido 05 EW	1.515	20.33	JP 2003 Hokkaido 05 EW	1.515	20.33	TW 1999 ChiChi 04 360	0.498	32.39

MSE	1	JP_2004_Chuetstu_07_NS	1.216	7142.34	JP_2004_Chuetstu_07_NS	1.216	7142.34	CH_2010_Maule_04_Transv	1.185	187671.30	JP_2004_Chuetstu_07_NS	1.152	5895.36	JP_2004_Chuetstu_07_NS	1.152	5895.36	PE_2005_25SET_01_EW	4.000	350351.33
	2	JP_2004_Chuetstu_07_EW	0.923	8896.64	JP_2004_Chuetstu_07_EW	0.923	8896.64	JP_2003_Hokkaido_05_EW	2.425	289549.22	JP_2004_Chuetstu_07_EW	0.910	8794.47	JP_2004_Chuetstu_07_EW	0.910	8794.47	PE_2005_25SET_01_NS	4.000	361772.39
	3	PE_1974_03OCT_EW	2.819	10771.17	PE_1974_03OCT_EW	2.819	10771.17	JP_2004_27OCT_01_EW	1.936	69834.38	PE_1974_03OCT_EW	2.636	8846.25	PE_1974_03OCT_EW	2.636	8846.25	PE_2007_PINSO_05_EW	4.000	357695.82
	4	CH_2014_Iquique_02_EW	3.274	15556.45	CH_2014_Iquique_02_EW	3.274	15556.45	JP_2005_Miyagi_02_EW	1.323	121620.72	JP_2011_Tohoku_55_EW	1.303	12534.00	JP_2011_Tohoku_55_EW	1.303	12534.00	PE_2011_24AGO_01_EW	4.000	374034.79
	5	JP_2004_14DEC_EW	0.571	18853.26	JP_2004_14DEC_EW	0.571	18853.26	JP_2007_Noto_02_NS	1.851	286498.45	CH_2014_Iquique_02_EW	3.515	13913.76	CH_2014_Iquique_02_EW	3.515	13913.76	PE_2011_24AGO_01_NS	4.000	375123.88
	6	JP_2011_Tohoku_01_NS	0.682	19504.38	JP_2011_Tohoku_01_NS	0.682	19504.38	JP_2011_12APR_EW	1.809	188033.11	TW_1999_ChiChi_10_90	0.700	13966.53	TW_1999_ChiChi_10_90	0.700	13966.53	PE_2011_24AGO_02_EW	4.000	370519.53
	7	JP_2011_Tohoku_44_NS	0.578	19754.67	US_1994_Northridge_01_90	2.100	22452.38	JP_2011_Miyagi_01_NS	1.009	171011.73	JP_2011_Tohoku_44_NS	0.633	16507.37	JP_2011_Tohoku_44_NS	0.633	16507.37	PE_2011_24AGO_02_NS	4.000	367311.05
	8	US_1994_Northridge_01_90	2.100	22452.38	JP_2011_Tohoku_22_EW	1.229	23911.04	JP_2011_Miyagi_09_EW	2.247	309485.36	JP_2011_Tohoku_01_NS	0.738	17149.83	JP_2011_Tohoku_01_NS	0.738	17149.83	PE_2011_24AGO_03_EW	4.000	373069.95
	9	JP_2011_Tohoku_22_EW	1.229	23911.04	CH_2014_PSGCX_EW	2.668	24979.12	JP_2011_Miyagi_17_NS	1.147	138900.98	JP_2004_14DEC_EW	0.550	18365.94	JP_2004_14DEC_EW	0.550	18365.94	PE_2011_24AGO_03_NS	4.000	371125.80
	10	CH_2014_PSGCX_EW	2.668	24979.12	JP_2011_Miyagi_11_EW	0.647	26080.64	JP_2011_Tohoku_10_EW	0.758	44193.49	JP_2011_Tohoku_32_NS	1.061	18391.55	JP_2011_Tohoku_32_NS	1.061	18391.55	PE_2011_24AGO_04_NS	4.000	295899.73
	11	JP_2011_Miyagi_11_EW	0.647	26080.64	JP_2016_Kumamoto_05_EW	1.836	27119.14	JP_2011_Tohoku_53_EW	0.769	495779.79	CH_2010_Maule_04_Long	1.121	18565.25	CH_2010_Maule_04_Long	1.121	18565.25	PE_2011_24AGO_05_EW	4.000	370521.71
	12	JP_2016_Kumamoto_05_EW	1.836	27119.14	JP_2011_Tohoku_59_EW	1.526	29001.38	JP_2011_Tohoku_56_EW	0.945	615241.87	JP_2003_Hokkaido_06_NS	1.212	19378.64	JP_2003_Hokkaido_06_NS	1.212	19378.64	PE_2011_24AGO_05_NS	4.000	370167.49
	13	JP_2011_Tohoku_59_EW	1.526	29001.38	JP_2004_Chuetstu_05_NS	0.544	29230.11	JP_2011_Tohoku_58_EW	2.157	251170.02	CH_2010_Maule_06_Long	1.182	19539.18	CH_2010_Maule_06_Long	1.182	19539.18	PE_2011_24AGO_06_EW	4.000	371622.96
	14	JP_2004_Chuetstu_05_NS	0.544	29230.11	CH_2012_GO05_EW	2.892	29402.85	JP_2016_Kumamoto_05_NS	1.161	459793.03	US_1994_Northridge_01_90	1.939	20212.74	US_1994_Northridge_01_90	1.939	20212.74	PE_2011_24AGO_06_NS	4.000	371021.72
	15	CH_2012_GO05_EW	2.892	29402.85	PE_1974_03OCT_NS	3.474	30064.00	JP_2016_Kumamoto_06_NS	1.843	476301.39	JP_2011_Tohoku_50_NS	0.955	20760.65	JP_2011_Tohoku_50_NS	0.955	20760.65	PE_2015_24NOV_01_NS	4.000	403225.79
	16	PE_1974_03OCT_NS	3.474	30064.00	JP_1997_13MAY_EW	0.608	31550.41	JP_2018_Hokkaido_06_NS	1.634	62647.49	TW_1999_ChiChi_08_90	0.865	20900.20	TW_1999_ChiChi_08_90	0.865	20900.20	PE_2015_24NOV_03_EW	4.000	401103.60
	17	JP_1997_13MAY_EW	0.608	31550.41	JP_2011_Tohoku_28_EW	1.109	32187.61	JP_2018_Osake_NS	1.721	92252.41	JP_2004_Chuetstu_06_EW	0.595	21150.88	JP_2004_Chuetstu_06_EW	0.595	21150.88	PE_2015_24NOV_03_NS	4.000	401268.60
	18	JP_2011_Tohoku_28_EW	1.109	32187.61	JP_2011_Tohoku_44_EW	0.814	34846.78	PE_2001_23JUN_EW	2.392	208454.81	PE_2010_05MAY_02_EW	4.000	21276.15	PE_2010_05MAY_02_EW	4.000	21276.15	PE_2015_24NOV_04_EW	4.000	386265.76
	19	JP_2011_Tohoku_44_EW	0.814	34846.78	JP_2004_27OCT_02_NS	2.936	36123.21	TW_1999_ChiChi_09_90	1.651	105026.40	JP_2011_Miyagi_17_NS	0.738	21554.14	JP_2011_Miyagi_17_NS	0.738	21554.14	PE_2015_24NOV_05_EW	4.000	400052.49
	20	JP_2021_Fukushima_01_EW	0.860	34946.28	JP_2011_Miyagi_11_NS	0.825	36170.73	US_1989_Loma_Prieta_06_0	1.944	148992.95	TW_1999_ChiChi_08_360	1.273	21741.04	TW_1999_ChiChi_08_360	1.273	21741.04	PE_2015_24NOV_05_NS	4.000	400557.75
RMSE	1	JP_2004_Chuetstu_07_NS	1.216	84.51	JP_2004_Chuetstu_07_NS	1.216	84.51	CH_2010_Maule_04_Transv	1.185	433.21	JP_2004_Chuetstu_07_NS	1.152	76.78	JP_2004_Chuetstu_07_NS	1.152	76.78	PE_2005_25SET_01_EW	4.000	591.90
	2	JP_2004_Chuetstu_07_EW	0.923	94.32	JP_2004_Chuetstu_07_EW	0.923	94.32	JP_2003_Hokkaido_05_EW	2.425	538.10	JP_2004_Chuetstu_07_EW	0.910	93.78	JP_2004_Chuetstu_07_EW	0.910	93.78	PE_2005_25SET_01_NS	4.000	601.48
	3	PE_1974_03OCT_EW	2.819	103.78	PE_1974_03OCT_EW	2.819	103.78	JP_2004_27OCT_01_EW	1.936	264.26	PE_1974_03OCT_EW	2.636	94.05	PE_1974_03OCT_EW	2.636	94.05	PE_2007_PINSO_05_EW	4.000	598.08
	4	CH_2014_Iquique_02_EW	3.274	124.73	CH_2014_Iquique_02_EW	3.274	124.73	JP_2005_Miyagi_02_EW	1.323	348.74	JP_2011_Tohoku_55_EW	1.303	111.96	JP_2011_Tohoku_55_EW	1.303	111.96	PE_2011_24AGO_01_EW	4.000	611.58
	5	JP_2004_14DEC_EW	0.571	137.31	JP_2004_14DEC_EW	0.571	137.31	JP_2007_Noto_02_NS	1.851	535.26	CH_2014_Iquique_02_EW	3.515	117.96	CH_2014_Iquique_02_EW	3.515	117.96	PE_2011_24AGO_01_NS	4.000	612.47
	6	JP_2011_Tohoku_01_NS	0.682	139.66	JP_2011_Tohoku_01_NS	0.682	139.66	JP_2011_12APR_EW	1.809	433.63	TW_1999_ChiChi_10_90	0.700	118.18	TW_1999_ChiChi_10_90	0.700	118.18	PE_2011_24AGO_02_EW	4.000	608.70
	7	JP_2011_Tohoku_44_NS	0.578	140.55	US_1994_Northridge_01_90	2.100	149.84	JP_2011_Miyagi_01_NS	1.009	413.54	JP_2011_Tohoku_44_NS	0.633	128.48	JP_2011_Tohoku_44_NS	0.633	128.48	PE_2011_24AGO_02_NS	4.000	606.06
	8	US_1994_Northridge_01_90	2.100	149.84	JP_2011_Tohoku_22_EW	1.229	154.63	JP_2011_Miyagi_09_EW	2.247	556.31	JP_2011_Tohoku_01_NS	0.738	130.96	JP_2011_Tohoku_01_NS	0.738	130.96	PE_2011_24AGO_03_EW	4.000	610.79
	9	JP_2011_Tohoku_22_EW	1.229	154.63	CH_2014_PSGCX_EW	2.668	158.05	JP_2011_Miyagi_17_NS	1.147	372.69	JP_2004_14DEC_EW	0.550	135.52	JP_2004_14DEC_EW	0.550	135.52	PE_2011_24AGO_03_NS	4.000	609.20
	10	CH_2014_PSGCX_EW	2.668	158.05	JP_2011_Miyagi_11_EW	0.647	161.50	JP_2011_Tohoku_10_EW	0.758	210.22	JP_2011_Tohoku_32_NS	1.061	135.62	JP_2011_Tohoku_32_NS	1.061	135.62	PE_2011_24AGO_04_NS	4.000	543.97
	11	JP_2011_Miyagi_11_EW	0.647	161.50	JP_2016_Kumamoto_05_EW	1.836	164.68	JP_2011_Tohoku_53_EW	0.769	704.12	CH_2010_Maule_04_Long	1.121	136.25	CH_2010_Maule_04_Long	1.121	136.25	PE_2011_24AGO_05_EW	4.000	608.70
	12	JP_2016_Kumamoto_05_EW	1.836	164.68	JP_2011_Tohoku_59_EW	1.526	170.30	JP_2011_Tohoku_56_EW	0.945	784.37	JP_2003_Hokkaido_06_NS	1.212	139.21	JP_2003_Hokkaido_06_NS	1.212	139.21	PE_2011_24AGO_05_NS	4.000	608.41
	13	JP_2011_Tohoku_59_EW	1.526	170.30	JP_2004_Chuetstu_05_NS	0.544	170.97	JP_2011_Tohoku_58_EW	2.157	501.17	CH_2010_Maule_06_Long	1.182	139.78	CH_2010_Maule_06_Long	1.182	139.78	PE_2011_24AGO_06_EW	4.000	609.61
	14	JP_2004_Chuetstu_05_NS	0.544	170.97	CH_2012_GO05_EW	2.892	171.47	JP_2016_Kumamoto_05_NS	1.161	678.08	US_1994_Northridge_01_90	1.939	142.17	US_1994_Northridge_01_90	1.939	142.17	PE_2011_24AGO_06_NS	4.000	609.12
	15	CH_2012_GO05_EW	2.892	171.47	PE_1974_03OCT_NS	3.474	173.39	JP_2016_Kumamoto_06_NS	1.843	690.15	JP_2011_Tohoku_50_NS	0.955	144.09	JP_2011_Tohoku_50_NS	0.955	144.09	PE_2015_24NOV_01_NS	4.000	635.00
	16	PE_1974_03OCT_NS	3.474	173.39	JP_1997_13MAY_EW	0.608	177.62	JP_2018_Hokkaido_06_NS	1.634	250.29	TW_1999_ChiChi_08_90	0.865	144.57	TW_1999_ChiChi_08_90	0.865	144.57	PE_2015_24NOV_03_EW	4.000	633.33
	17	JP_1997_13MAY_EW	0.608	177.62	JP_2011_Tohoku_28_EW	1.109	179.41	JP_2018_Osake_NS	1.721	303.73	JP_2004_Chuetstu_06_EW	0.595	145.43	JP_2004_Chuetstu_06_EW	0.595	145.43	PE_2015_24NOV_03_NS	4.000	633.46
	18	JP_2011_Tohoku_28_EW	1.109	179.41	JP_2011_Tohoku_44_EW	0.814	186.67	PE_2001_23JUN_EW	2.392	456.57	PE_2010_05MAY_02_EW	4.000	145.86	PE_2010_05MAY_02_EW	4.000	145.86	PE_2015_24NOV_04_EW	4.000	621.50
	19	JP_2011_Tohoku_44_EW	0.814	186.67	JP_2004_27OCT_02_NS	2.936	190.06	TW_1999_ChiChi_09_90	1.651	324.08	JP_2011_Miyagi_17_NS	0.738	146.81	JP_2011_Miyagi_17_NS	0.738	146.81	PE_2015_24NOV_05_EW	4.000	632.50
	20	JP_2021_Fukushima_01_EW	0.860	186.94	JP_2011_Miyagi_11_NS	0.825	190.19	US_1989_Loma_Prieta_06_0	1.944	386.00	TW_1999_ChiChi_08_360	1.273	147.45	TW_1999_ChiChi_08_360	1.273	147.45	PE_2015_24NOV_05_NS	4.000	632.90

REGISTROS SELECCIONADOS CASO Nmr T=0.08s - TSemc-tr-475																			
Caso:		TSemc-tr-475_NSp_Sbs			TSemc-tr-475_NSp_Sci			TSemc-tr-475_NSp_Ssr			TSemc-tr-475_NSr_Sbs			TSemc-tr-475_NSr_Sci			TSemc-tr-475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2012_30AGO_NS	0.443	22.30	JP_2011_Miyagi_12_EW	0.557	99.20	CH_2010_Maule_04_Long	0.875	434.22	JP_2012_30AGO_NS	0.438	22.41	JP_2012_30AGO_NS	0.438	22.41	CH_2010_Maule_01_Transv	0.250	152.43
	2	JP_2003_Miyagi_06_NS	0.400	31.34	JP_2011_Miyagi_18_EW	0.426	104.99	JP_2001_Geiyō_02_EW	0.638	197.70	JP_2005_Miyagi_01_NS	0.528	28.30	JP_2005_Miyagi_01_NS	0.528	28.30	CH_2010_Maule_06_Transv	0.250	166.34
	3	JP_2005_Miyagi_01_NS	0.472	33.62	JP_2011_Miyagi_02_EW	0.692	118.36	JP_2001_Geiyō_03_EW	0.667	254.01	JP_2003_Miyagi_08_EW	0.250	29.02	JP_2003_Miyagi_08_EW	0.250	29.02	JP_2000_Tottori_04_NS	0.250	100.56
	4	JP_2011_19MAR_01_EW	0.371	33.87	JP_2011_16AGO_01_NS	0.613	121.91	JP_2003_Hokkaido_12_EW	1.578	675.16	JP_2003_Miyagi_04_NS	0.333	29.06	JP_2003_Miyagi_04_NS	0.333	29.06	JP_2003_Hokkaido_06_NS	0.250	143.47
	5	JP_2003_Miyagi_08_EW	0.298	35.33	JP_2011_19MAR_02_NS	0.855	129.39	JP_2003_Miyagi_05_NS	0.335	105.46	JP_2003_Miyagi_06_NS	0.430	30.65	JP_2003_Miyagi_06_NS	0.430	30.65	JP_2004_27OCT_01_EW	0.333	94.87
	6	JP_2003_Miyagi_06_EW	0.273	39.33	CH_1995_Antofagasta_Long	3.749	129.87	JP_2003_Miyagi_09_EW	0.271	63.83	JP_2011_19MAR_01_EW	0.363	33.73	JP_2011_19MAR_01_EW	0.363	33.73	JP_2011_16APR_01_NS	0.250	87.96
	7	JP_2003_Miyagi_08_NS	0.269	40.29	JP_2011_Fukushima_03_EW	0.600	132.14	JP_2011_16APR_01_NS	0.946	226.36	JP_2011_16AGO_02_NS	0.408	37.11	JP_2011_16AGO_02_NS	0.408	37.11	JP_2011_Miyagi_15_EW	0.250	131.24
	8	JP_2003_Miyagi_07_NS	0.251	40.36	JP_2021_Fukushima_03_NS	0.418	139.29	JP_2011_Tohoku_02_NS	0.274	235.91	JP_2003_Miyagi_08_NS	0.250	38.24	JP_2003_Miyagi_08_NS	0.250	38.24	JP_2011_Tohoku_13_NS	0.250	175.67
	9	JP_2016_28DEC_EW	0.393	41.78	JP_2011_Miyagi_18_NS	0.512	139.97	JP_2011_Tohoku_09_NS	0.984	487.93	JP_2003_Miyagi_06_EW	0.273	39.38	JP_2003_Miyagi_06_EW	0.273	39.38	JP_2011_Tohoku_28_EW	0.250	130.31
	10	JP_2003_Miyagi_04_NS	0.445	42.43	JP_2011_Miyagi_03_NS	0.343	145.29	JP_2011_Tohoku_18_EW	0.813	440.12	JP_2003_Miyagi_07_NS	0.250	39.83	JP_2003_Miyagi_07_NS	0.250	39.83	JP_2011_Tohoku_37_NS	0.250	179.73
	11	JP_2005_Miyagi_01_EW	0.442	42.90	JP_2011_16APR_02_NS	0.344	153.76	JP_2011_Tohoku_21_NS	0.600	772.37	CH_2015_Coquimbo_01_NS	0.310	40.12	CH_2015_Coquimbo_01_NS	0.310	40.12	JP_2011_Tohoku_38_NS	0.250	169.18
	12	JP_2011_16AGO_02_NS	0.480	43.62	JP_2011_Tohoku_27_NS	0.419	159.60	JP_2011_Tohoku_34_NS	0.275	234.48	JP_2016_28DEC_EW	0.393	41.80	JP_2016_28DEC_EW	0.393	41.80	JP_2011_Tohoku_54_NS	0.250	171.29
	13	JP_1996_Nagano_NS	0.430	47.36	JP_2011_Tohoku_08_NS	0.445	160.12	JP_2011_Tohoku_57_EW	0.707	175.41	JP_2011_Miyagi_12_NS	0.348	42.55	JP_2011_Miyagi_12_NS	0.348	42.55	JP_2011_Tohoku_57_NS	0.250	105.01
	14	CH_2015_Coquimbo_01_EW	0.407	47.89	JP_2003_Miyagi_02_EW	0.533	161.46	JP_2011_Tohoku_58_NS	0.777	300.15	JP_2000_Mie_EW	0.745	42.58	JP_2000_Mie_EW	0.745	42.58	JP_2011_Tohoku_58_EW	0.250	141.03
	15	JP_2011_16APR_03_EW	0.443	51.75	JP_2011_16APR_03_NS	0.427	162.01	JP_2011_Tohoku_60_EW	0.699	294.25	JP_2005_Miyagi_01_EW	0.445	42.94	JP_2005_Miyagi_01_EW	0.445	42.94	JP_2021_Fukushima_06_NS	0.250	95.64
	16	JP_2011_Miyagi_12_NS	0.443	58.22	JP_2011_Tohoku_07_EW	0.460	163.09	PE_2005_13JUN_06_NS	2.903	232.52	JP_2000_Tottori_03_NS	0.258	44.11	JP_2000_Tottori_03_NS	0.258	44.11	PE_2001_23JUN_NS	0.250	143.49
	17	PE_2005_13JUN_03_EW	1.309	61.37	JP_2011_19MAR_02_EW	0.668	164.94	PE_2007_PINSO_02_NS	3.954	211.40	JP_2000_Tottori_03_EW	0.438	44.37	JP_2000_Tottori_03_EW	0.438	44.37	PE_2005_13JUN_04_NS	0.880	107.77
	18	JP_2016_28DEC_NS	0.531	61.62	JP_2011_Miyagi_14_EW	0.706	169.93	PE_2010_05MAY_01_EW	3.157	316.89	JP_1996_Nagano_NS	0.438	47.36	JP_1996_Nagano_NS	0.438	47.36	PE_2011_24AGO_06_EW	4.000	110.30
	19	JP_1996_Nagano_EW	0.367	63.03	JP_2004_29NOV_03_EW	0.554	170.99	TW_1999_ChiChi_09_360	0.552	381.16	MX_1985_Guerrero_N90W	0.430	47.76	MX_1985_Guerrero_N90W	0.430	47.76	PE_2015_24NOV_01_NS	4.000	138.16
	20	JP_2003_Miyagi_09_EW	0.271	63.83	JP_2011_16AGO_02_EW	0.795	173.50	TW_1999_ChiChi_09_90	0.940	445.75	CH_2015_Coquimbo_01_EW	0.408	47.97	CH_2015_Coquimbo_01_EW	0.408	47.97	TW_1999_ChiChi_04_360	0.250	191.28
MAPE	1	JP_2011_19MAR_01_EW	0.371	180.33	JP_2011_Miyagi_02_EW	0.692	710.02	CH_2010_Maule_04_Long	0.875	4079.62	PE_2015_24NOV_04_NS	2.212	53.31	PE_1974_05ENE_01_EW	0.250	82.24	CH_2010_Maule_01_Transv	0.250	2994.82
	2	JP_2016_28DEC_EW	0.393	250.82	JP_2011_19MAR_02_NS	0.855	725.46	JP_2001_Geiyō_02_EW	0.638	2024.91	PE_2015_24NOV_04_EW	2.818	57.33	PE_2005_13JUN_03_EW	0.250	84.05	CH_2010_Maule_06_Transv	0.250	1652.48
	3	JP_2003_Miyagi_07_NS	0.251	257.53	JP_2011_19MAR_02_EW	0.668	742.27	JP_2001_Geiyō_03_EW	0.667	885.11	PE_2011_24AGO_04_NS	0.513	64.46	MX_1985_Guerrero_N90W	0.250	88.74	CH_2014_Iquique_02_EW	0.250	520.11
	4	JP_2003_Miyagi_08_EW	0.298	301.95	JP_2021_Miyagi_02_EW	0.798	761.07	JP_2003_Hokkaido_12_EW	1.578	9639.54	PE_1974_05ENE_01_NS	0.250	71.31	PE_1974_05ENE_02_EW	0.250	96.85	JP_1997_Kagoshima_NS	0.250	1109.86
	5	MX_1985_Guerrero_N90W	0.692	307.90	US_2005_Anza_02_90	0.730	793.36	JP_2003_Miyagi_05_NS	0.335	643.49	PE_1974_05ENE_02_NS	0.273	73.33	CH_1995_Antofagasta_Long	0.250	103.79	JP_2003_Hokkaido_06_NS	0.250	1286.92
	6	JP_2003_Miyagi_09_EW	0.271	352.23	JP_2011_16APR_02_NS	0.344	825.33	JP_2003_Miyagi_09_EW	0.271	352.23	PE_2005_13JUN_03_NS	0.250	74.89	JP_2011_19MAR_01_EW	0.250	108.49	JP_2004_27OCT_01_EW	0.250	231.14
	7	JP_2000_Mie_EW	1.132	382.89	JP_2003_Miyagi_02_EW	0.533	825.87	JP_2011_16APR_01_NS	0.946	959.80	PE_2011_24AGO_04_EW	0.355	75.16	CH_1995_Antofagasta_Transv	0.250	110.32	JP_2011_16APR_01_NS	0.250	208.81
	8	JP_2003_Miyagi_04_NS	0.445	387.10	JP_2011_Miyagi_18_NS	0.512	827.01	JP_2011_Tohoku_02_NS	0.274	1485.40	PE_2005_25SET_03_NS	0.820	78.68	PE_2005_13JUN_05_NS	0.250	116.66	JP_2011_Miyagi_15_EW	0.250	525.58
	9	JP_2011_16APR_03_EW	0.443	411.87	JP_2011_Miyagi_12_EW	0.557	847.19	JP_2011_Tohoku_09_NS	0.984	10500.12	PE_2005_25SET_01_NS	0.595	79.72	JP_2011_Fukushima_01_EW	0.250	118.59	JP_2011_Tohoku_13_NS	0.250	1227.66
	10	JP_2003_Miyagi_08_NS	0.269	413.57	JP_2011_Miyagi_18_EW	0.426	867.77	JP_2011_Tohoku_18_EW	0.813	3516.09	PE_2005_25SET_01_EW	0.430	81.59	PE_2005_13JUN_01_NS	0.250	119.41	JP_2011_Tohoku_20_EW	0.250	270.34
	11	JP_2011_16AGO_02_NS	0.480	413.79	JP_2001_Geiyō_03_EW	0.667	885.11	JP_2011_Tohoku_21_NS	0.600	7161.15	PE_2015_24NOV_05_NS	4.000	81.70	JP_2011_Fukushima_01_NS	0.250	128.21	JP_2011_Tohoku_28_EW	0.250	2071.44
	12	JP_2003_Miyagi_06_EW	0.273	415.90	JP_2011_Miyagi_03_NS	0.343	921.84	JP_2011_Tohoku_34_NS	0.275	1754.08	PE_1974_05ENE_01_EW	0.250	82.24	PE_2005_13JUN_07_EW	0.250	133.27	JP_2011_Tohoku_37_NS	0.250	1329.81
	13	JP_2003_Miyagi_02_NS	0.369	423.93	JP_2011_Miyagi_15_NS	0.613	970.94	JP_2011_Tohoku_57_EW	0.707	572.26	PE_2005_25SET_03_EW	0.535	82.35	PE_2005_13JUN_04_EW	0.250	141.41	JP_2011_Tohoku_58_EW	0.250	823.22
	14	JP_2011_Miyagi_02_NS	0.445	431.87	JP_2021_Fukushima_06_NS	0.692	1011.47	JP_2011_Tohoku_58_NS	0.777	1540.53	PE_2005_13JUN_03_EW	0.250	84.05	JP_2016_28DEC_EW	0.250	143.52	JP_2021_Fukushima_06_NS	0.250	322.04
	15	JP_2011_Fukushima_01_NS	0.658	432.68	JP_2011_Tohoku_07_EW	0.460	1012.91	JP_2011_Tohoku_60_EW	0.699	1245.32	PE_2015_24NOV_05_EW	4.000	87.37	PE_2005_13JUN_04_NS	0.250	147.48	PE_2001_23JUN_NS	0.250	1432.81
	16	JP_2005_Miyagi_01_EW	0.442	449.54	JP_2011_16AGO_01_NS	0.613	1050.62	PE_2005_13JUN_06_NS	2.903	4624.46	PE_2011_24AGO_05_EW	0.303	87.43	JP_2011_Tohoku_57_EW	0.250	166.81	PE_2005_13JUN_04_NS	0.250	147.48
	17	PE_2005_13JUN_03_EW	1.309	458.53	US_1992_Petrolia_Aftershock_03_90	0.725	1059.31	PE_2007_PINSO_02_NS	3.954	3503.56	MX_1985_Guerrero_N90W	0.250	88.74	PE_2005_13JUN_05_EW	0.250	170.67	PE_2011_24AGO_03_NS	0.325	89.88
	18	JP_2011_Fukushima_01_EW	0.732	473.64	JP_2011_Tohoku_43_NS	0.571	1095.64	PE_2010_05MAY_01_EW	3.157	4220.12	PE_2011_24AGO_03_NS	0.325	89.88	MX_1985_Guerrero_N00W	0.250	171.82	PE_2011_24AGO_06_EW	0.250	89.96
	19	JP_2016_28DEC_NS	0.531	499.70	JP_2011_Tohoku_61_EW	1.028	1096.43	TW_1999_ChiChi_09_360	0.552	2611.18	PE_2015_24NOV_03_EW	4.000	89.93	JP_2011_19MAR_02_NS	0.250	176.17	PE_2015_24NOV_01_NS	4.000	91.21
	20	PE_1974_05ENE_01_NS	1.475	503.49	JP_2004_27OCT_01_NS	0.718	1102.38	TW_1999_ChiChi_09_90	0.940	5681.89	PE_2011_24AGO_06_EW	0.250	89.96	JP_2001_Geiyō_02_NS	0.250	187.98	TW_1999_ChiChi_04_360	0.250	4290.51
MSE	1	JP_2012_30AGO_NS	0.443	1070.98	JP_2011_Miyagi_12_EW	0.557	19490.06	CH_2010_Maule_04_Long	0.875	280800.16	JP_2012_30AGO_NS	0.453	1058.56	JP_2012_30AGO_NS	0.453	1058.56	CH_2010_Maule_01_Transv	0.250	42428.83
	2	JP_2003_Miyagi_06_NS	0.400	1324.49	JP_2011_Miyagi_18_EW	0.426	21440.81	JP_2001_Geiyō_02_EW	0.638	100066.17	JP_2003_Miyagi_06_NS	0.423	1176.04	JP_2003_Miyagi_06_NS	0.423	1176.04	CH_2010_Maule_06_Transv	0.250	39173.91

	3	JP_2011_19MAR_01_EW	0.371	2162.07	CH_1995_Antofagasta_Long	3.749	22573.66	JP_2001_Geiyō_03_EW	0.667	179507.08	JP_2003_Miyagi_04_NS	0.370	1617.24	JP_2003_Miyagi_04_NS	0.370	1617.24	JP_2003_Hokkaido_06_NS	0.250	32898.58
	4	JP_2003_Miyagi_06_EW	0.273	2451.08	JP_2011_16AGO_01_NS	0.613	25319.66	JP_2003_Hokkaido_12_EW	1.578	784611.81	JP_2005_Miyagi_01_NS	0.550	1833.77	JP_2005_Miyagi_01_NS	0.550	1833.77	JP_2004_27OCT_01_EW	0.445	20108.05
	5	JP_2005_Miyagi_01_NS	0.472	2878.65	JP_2011_Miyagi_02_EW	0.692	27314.57	JP_2003_Miyagi_05_NS	0.335	24289.79	JP_2011_19MAR_01_EW	0.363	2140.33	JP_2011_19MAR_01_EW	0.363	2140.33	JP_2011_16AGO_01_EW	0.415	11899.98
	6	CH_2015_Coquimbo_01_EW	0.407	3000.50	JP_2021_Fukushima_03_NS	0.418	30271.96	JP_2003_Miyagi_09_EW	0.271	6228.65	JP_2003_Miyagi_08_EW	0.258	2298.70	JP_2003_Miyagi_08_EW	0.258	2298.70	JP_2011_16APR_01_NS	0.258	29765.13
	7	JP_1996_Nagano_NS	0.430	3748.88	JP_2011_Fukushima_03_EW	0.600	35811.01	JP_2011_16APR_01_NS	0.946	222310.00	JP_2003_Miyagi_06_EW	0.273	2447.03	JP_2003_Miyagi_06_EW	0.273	2447.03	JP_2011_Miyagi_15_EW	0.250	34336.14
	8	JP_2003_Miyagi_08_EW	0.298	3807.17	JP_2011_16AGO_02_EW	0.795	40150.31	JP_2011_Tohoku_02_NS	0.274	150706.07	CH_2015_Coquimbo_01_NS	0.340	2621.80	CH_2015_Coquimbo_01_NS	0.340	2621.80	JP_2011_Tohoku_13_NS	0.250	48563.15
	9	JP_2005_Miyagi_01_EW	0.442	3883.29	JP_2011_19MAR_02_NS	0.855	40859.42	JP_2011_Tohoku_09_NS	0.984	337882.17	JP_2011_Miyagi_12_NS	0.348	2787.45	JP_2011_Miyagi_12_NS	0.348	2787.45	JP_2011_Tohoku_28_EW	0.250	24697.79
	10	JP_2011_16AGO_02_NS	0.480	3898.93	JP_2011_Tohoku_27_NS	0.419	41218.89	JP_2011_Tohoku_18_EW	0.813	374532.07	JP_2011_16AGO_02_NS	0.423	2840.23	JP_2011_16AGO_02_NS	0.423	2840.23	JP_2011_Tohoku_37_NS	0.250	47080.83
	11	JP_2003_Miyagi_04_NS	0.445	3928.49	JP_2011_Miyagi_03_NS	0.343	41577.20	JP_2011_Tohoku_21_NS	0.600	983052.65	CH_2015_Coquimbo_01_EW	0.400	2970.18	CH_2015_Coquimbo_01_EW	0.400	2970.18	JP_2011_Tohoku_38_NS	0.250	41115.16
	12	JP_2003_Miyagi_08_NS	0.269	4225.35	JP_2011_16APR_02_NS	0.344	42314.94	JP_2011_Tohoku_34_NS	0.275	123059.62	JP_2005_Miyagi_01_EW	0.483	3470.52	JP_2005_Miyagi_01_EW	0.483	3470.52	JP_2011_Tohoku_54_NS	0.250	42258.73
	13	JP_2016_28DEC_EW	0.393	4260.14	JP_2011_16APR_03_NS	0.427	42947.52	JP_2011_Tohoku_57_EW	0.707	88265.16	JP_1996_Nagano_NS	0.460	3520.53	JP_1996_Nagano_NS	0.460	3520.53	JP_2011_Tohoku_57_NS	0.250	27219.07
	14	JP_2003_Miyagi_09_EW	0.271	6228.65	JP_2011_Miyagi_14_EW	0.706	43502.14	JP_2011_Tohoku_58_NS	0.777	182656.05	JP_2003_Miyagi_08_NS	0.250	3784.45	JP_2003_Miyagi_08_NS	0.250	3784.45	JP_2011_Tohoku_58_EW	0.250	36403.10
	15	PE_2005_13JUN_03_EW	1.309	6367.45	JP_2011_Tohoku_08_NS	0.445	45570.05	JP_2011_Tohoku_60_EW	0.699	239503.11	JP_2016_28DEC_EW	0.400	4262.06	JP_2016_28DEC_EW	0.400	4262.06	JP_2011_Tohoku_59_EW	0.303	26438.15
	16	JP_2011_Miyagi_12_NS	0.443	6546.68	JP_2003_Miyagi_02_EW	0.533	45919.61	PE_2005_13JUN_06_NS	2.903	78004.69	JP_2003_Miyagi_02_NS	0.288	4541.61	JP_2003_Miyagi_02_NS	0.288	4541.61	JP_2021_Fukushima_06_NS	0.265	22062.39
	17	JP_2011_16APR_03_EW	0.443	6863.07	JP_2011_Miyagi_18_NS	0.512	51977.94	PE_2007_PINSO_02_NS	3.954	74324.84	PE_1974_05ENE_02_NS	2.333	5276.94	PE_1974_05ENE_02_NS	2.333	5276.94	PE_2001_23JUN_NS	0.265	39547.72
	18	CH_2015_Coquimbo_01_NS	0.439	7048.71	JP_2000_Tottori_01_NS	0.416	55855.00	PE_2010_05MAY_01_EW	3.157	140148.39	PE_2005_13JUN_03_EW	1.152	5581.62	PE_2005_13JUN_03_EW	1.152	5581.62	PE_2005_13JUN_06_NS	1.273	20198.01
	19	PE_1974_05ENE_02_NS	2.863	7821.52	JP_2011_Tohoku_22_NS	0.497	58920.85	TW_1999_ChiChi_09_360	0.552	297202.83	JP_2003_Miyagi_09_EW	0.250	5703.27	JP_2003_Miyagi_09_EW	0.250	5703.27	PE_2011_24AGO_06_EW	4.000	41207.64
	20	JP_2011_Tohoku_52_NS	0.416	8112.85	JP_2011_Tohoku_08_EW	0.410	59327.31	TW_1999_ChiChi_09_90	0.940	290033.55	JP_2011_Tohoku_52_NS	0.340	5740.74	JP_2011_Tohoku_52_NS	0.340	5740.74	PE_2015_24NOV_01_NS	4.000	55467.82
RMSE	1	JP_2012_30AGO_NS	0.443	32.73	JP_2011_Miyagi_12_EW	0.557	139.61	CH_2010_Maule_04_Long	0.875	529.91	JP_2012_30AGO_NS	0.453	32.54	JP_2012_30AGO_NS	0.453	32.54	CH_2010_Maule_01_Transv	0.250	205.98
	2	JP_2003_Miyagi_06_NS	0.400	36.39	JP_2011_Miyagi_18_EW	0.426	146.43	JP_2001_Geiyō_02_EW	0.638	316.33	JP_2003_Miyagi_06_NS	0.423	34.29	JP_2003_Miyagi_06_NS	0.423	34.29	CH_2010_Maule_06_Transv	0.250	197.92
	3	JP_2011_19MAR_01_EW	0.371	46.50	CH_1995_Antofagasta_Long	3.749	150.25	JP_2001_Geiyō_03_EW	0.667	423.68	JP_2003_Miyagi_04_NS	0.370	40.21	JP_2003_Miyagi_04_NS	0.370	40.21	JP_2003_Hokkaido_06_NS	0.250	181.38
	4	JP_2003_Miyagi_06_EW	0.273	49.51	JP_2011_16AGO_01_NS	0.613	159.12	JP_2003_Hokkaido_12_EW	1.578	885.78	JP_2005_Miyagi_01_NS	0.550	42.82	JP_2005_Miyagi_01_NS	0.550	42.82	JP_2004_27OCT_01_EW	0.445	141.80
	5	JP_2005_Miyagi_01_NS	0.472	53.65	JP_2011_Miyagi_02_EW	0.692	165.27	JP_2003_Miyagi_05_NS	0.335	155.85	JP_2011_19MAR_01_EW	0.363	46.26	JP_2011_19MAR_01_EW	0.363	46.26	JP_2011_16AGO_01_EW	0.415	109.09
	6	CH_2015_Coquimbo_01_EW	0.407	54.78	JP_2021_Fukushima_03_NS	0.418	173.99	JP_2003_Miyagi_09_EW	0.271	78.92	JP_2003_Miyagi_08_EW	0.258	47.94	JP_2003_Miyagi_08_EW	0.258	47.94	JP_2011_16APR_01_NS	0.258	172.53
	7	JP_1996_Nagano_NS	0.430	61.23	JP_2011_Fukushima_03_EW	0.600	189.24	JP_2011_16APR_01_NS	0.946	471.50	JP_2003_Miyagi_06_EW	0.273	49.47	JP_2003_Miyagi_06_EW	0.273	49.47	JP_2011_Miyagi_15_EW	0.250	185.30
	8	JP_2003_Miyagi_08_EW	0.298	61.70	JP_2011_16AGO_02_EW	0.795	200.38	JP_2011_Tohoku_02_NS	0.274	388.21	CH_2015_Coquimbo_01_NS	0.340	51.20	CH_2015_Coquimbo_01_NS	0.340	51.20	JP_2011_Tohoku_13_NS	0.250	220.37
	9	JP_2005_Miyagi_01_EW	0.442	62.32	JP_2011_19MAR_02_NS	0.855	202.14	JP_2011_Tohoku_09_NS	0.984	581.28	JP_2011_Miyagi_12_NS	0.348	52.80	JP_2011_Miyagi_12_NS	0.348	52.80	JP_2011_Tohoku_28_EW	0.250	157.16
	10	JP_2011_16AGO_02_NS	0.480	62.44	JP_2011_Tohoku_27_NS	0.419	203.02	JP_2011_Tohoku_18_EW	0.813	611.99	JP_2011_16AGO_02_NS	0.423	53.29	JP_2011_16AGO_02_NS	0.423	53.29	JP_2011_Tohoku_37_NS	0.250	216.98
	11	JP_2003_Miyagi_04_NS	0.445	62.68	JP_2011_Miyagi_03_NS	0.343	203.90	JP_2011_Tohoku_21_NS	0.600	991.49	CH_2015_Coquimbo_01_EW	0.400	54.50	CH_2015_Coquimbo_01_EW	0.400	54.50	JP_2011_Tohoku_38_NS	0.250	202.77
	12	JP_2003_Miyagi_08_NS	0.269	65.00	JP_2011_16APR_02_NS	0.344	205.71	JP_2011_Tohoku_34_NS	0.275	350.80	JP_2005_Miyagi_01_EW	0.483	58.91	JP_2005_Miyagi_01_EW	0.483	58.91	JP_2011_Tohoku_54_NS	0.250	205.57
	13	JP_2016_28DEC_EW	0.393	65.27	JP_2011_16APR_03_NS	0.427	207.24	JP_2011_Tohoku_57_EW	0.707	297.09	JP_1996_Nagano_NS	0.460	59.33	JP_1996_Nagano_NS	0.460	59.33	JP_2011_Tohoku_57_NS	0.250	164.98
	14	JP_2003_Miyagi_09_EW	0.271	78.92	JP_2011_Miyagi_14_EW	0.706	208.57	JP_2011_Tohoku_58_NS	0.777	427.38	JP_2003_Miyagi_08_NS	0.250	61.52	JP_2003_Miyagi_08_NS	0.250	61.52	JP_2011_Tohoku_58_EW	0.250	190.80
	15	PE_2005_13JUN_03_EW	1.309	79.80	JP_2011_Tohoku_08_NS	0.445	213.47	JP_2011_Tohoku_60_EW	0.699	489.39	JP_2016_28DEC_EW	0.400	65.28	JP_2016_28DEC_EW	0.400	65.28	JP_2011_Tohoku_59_EW	0.303	162.60
	16	JP_2011_Miyagi_12_NS	0.443	80.91	JP_2003_Miyagi_02_EW	0.533	214.29	PE_2005_13JUN_06_NS	2.903	279.29	JP_2003_Miyagi_02_NS	0.288	67.39	JP_2003_Miyagi_02_NS	0.288	67.39	JP_2021_Fukushima_06_NS	0.265	148.53
	17	JP_2011_16APR_03_EW	0.443	82.84	JP_2011_Miyagi_18_NS	0.512	227.99	PE_2007_PINSO_02_NS	3.954	272.63	PE_1974_05ENE_02_NS	2.333	72.64	PE_1974_05ENE_02_NS	2.333	72.64	PE_2001_23JUN_NS	0.265	198.87
	18	CH_2015_Coquimbo_01_NS	0.439	83.96	JP_2000_Tottori_01_NS	0.416	236.34	PE_2010_05MAY_01_EW	3.157	374.36	PE_2005_13JUN_03_EW	1.152	74.71	PE_2005_13JUN_03_EW	1.152	74.71	PE_2005_13JUN_06_NS	1.273	142.12
	19	PE_1974_05ENE_02_NS	2.863	88.44	JP_2011_Tohoku_22_NS	0.497	242.74	TW_1999_ChiChi_09_360	0.552	545.16	JP_2003_Miyagi_09_EW	0.250	75.52	JP_2003_Miyagi_09_EW	0.250	75.52	PE_2011_24AGO_06_EW	4.000	203.00
	20	JP_2011_Tohoku_52_NS	0.416	90.07	JP_2011_Tohoku_08_EW	0.410	243.57	TW_1999_ChiChi_09_90	0.940	538.55	JP_2011_Tohoku_52_NS	0.340	75.77	JP_2011_Tohoku_52_NS	0.340	75.77	PE_2015_24NOV_01_NS	4.000	235.52

REGISTROS SELECCIONADOS CASO Nmr T=0.08s - Tsemc-tr-975																			
Caso:		Tsemc-tr-975 NSp Sbs			Tsemc-tr-975 NSp Sci			Tsemc-tr-975 NSp Ssr			Tsemc-tr-975 NSr Sbs			Tsemc-tr-975 NSr Sci			Tsemc-tr-975 NSr Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP 2012 30AGO NS	0.56 8	31.73	JP 2011 Miyagi 12 EW	0.71 3	131.74	JP 2003 Hokkaido 13 EW	1.21 4	574.37	JP 2012 30AGO NS	0.56 5	31.78	JP 2012 30AGO NS	0.56 5	31.78	CH 2010 Maule 01 Transv	0.25 0	180.88
	2	JP 2003 Miyagi 06 NS	0.51 2	40.06	JP 2011 Miyagi 18 EW	0.54 6	139.16	JP 2004 29NOV 03 NS	0.77 8	497.45	JP 2005 Miyagi 01 NS	0.67 0	35.78	JP 2003 Miyagi 04 NS	0.42 3	39.05	CH 2010 Maule 06 Transv	0.25 0	189.62
	3	JP 2005 Miyagi 01 NS	0.60 5	41.01	JP 2011 Miyagi 02 EW	0.88 7	156.29	JP 2009 Shizuoca 01 NS	1.35 2	655.50	JP 2003 Miyagi 08 EW	0.30 3	36.74	JP 2003 Miyagi 06 NS	0.52 0	40.01	JP 2003 Hokkaido 06 NS	0.25 0	166.75
	4	JP 2011 19MAR 01 EW	0.47 5	45.92	JP 2011 16AGO 01 NS	0.78 6	160.85	JP 2011 12APR EW	1.31 9	558.31	JP 2003 Miyagi 04 NS	0.42 3	39.05	JP 2003 Miyagi 07 NS	0.26 5	44.34	JP 2004 27OCT 01 EW	0.40 0	122.00
	5	JP 2003 Miyagi 08 EW	0.38 2	47.97	JP 2011 19MAR 02 NS	1.09 5	170.04	JP 2011 16APR 01 NS	1.21 2	294.73	JP 2003 Miyagi 06 NS	0.52 0	40.01	JP 2011 19MAR 01 EW	0.45 3	45.12	JP 2011 16APR 01 NS	0.25 0	112.13
	6	JP 2003 Miyagi 06 EW	0.35 0	51.56	JP 2011 Fukushima 03 EW	0.76 9	173.33	JP 2011 Miyagi 01 NS	0.73 6	613.78	JP 2003 Miyagi 07 NS	0.26 5	44.34	JP 2003 Miyagi 08 NS	0.28 0	48.99	JP 2011 Miyagi 15 EW	0.25 0	155.09
	7	JP 2003 Miyagi 08 NS	0.34 5	54.32	JP 2021 Fukushima 03 NS	0.53 6	182.81	JP 2011 Miyagi 04 EW	0.77 0	307.82	JP 2011 19MAR 01 EW	0.45 3	45.12	JP 2003 Miyagi 06 EW	0.34 8	51.43	JP 2011 Tohoku 13 NS	0.25 0	188.63
	8	JP 2016 28DEC EW	0.50 4	55.90	JP 2011 Miyagi 18 NS	0.65 7	183.99	JP 2011 Miyagi 09 NS	1.12 0	452.60	JP 2011 16AGO 02 NS	0.50 5	48.37	CH 2015 Coquimbo 01 NS	0.40 0	53.54	JP 2011 Tohoku 21 NS	0.25 0	345.68
	9	JP 2003 Miyagi 07 NS	0.32 2	56.36	JP 2011 Miyagi 03 NS	0.43 9	190.82	JP 2011 Tohoku 10 EW	0.55 3	462.74	JP 2003 Miyagi 08 NS	0.28 0	48.99	JP 2011 Miyagi 12 NS	0.41 5	55.10	JP 2011 Tohoku 28 EW	0.25 0	150.58
	10	JP 2005 Miyagi 01 EW	0.56 6	56.46	JP 2011 16APR 02 NS	0.44 1	201.35	JP 2011 Tohoku 21 EW	0.46 2	813.44	JP 2003 Miyagi 06 EW	0.34 8	51.43	JP 2000 Mie EW	0.94 8	55.91	JP 2011 Tohoku 37 NS	0.25 0	201.45
	11	JP 1996 Nagano NS	0.55 1	58.23	JP 2011 Tohoku 27 NS	0.53 7	208.03	JP 2011 Tohoku 21 NS	0.76 9	994.71	CH 2015 Coquimbo 01 NS	0.40 0	53.54	JP 2016 28DEC EW	0.50 5	55.95	JP 2011 Tohoku 38 NS	0.25 0	195.71
	12	JP 2011 16AGO 02 NS	0.61 5	58.88	JP 2011 Tohoku 08 NS	0.57 1	209.82	JP 2011 Tohoku 23 EW	1.77 3	998.13	JP 2011 Miyagi 12 NS	0.41 5	55.10	JP 2005 Miyagi 01 EW	0.57 3	56.55	JP 2011 Tohoku 54 NS	0.25 0	184.69
	13	JP 2003 Miyagi 04 NS	0.57 0	59.03	JP 2003 Miyagi 02 EW	0.68 4	211.62	JP 2011 Tohoku 53 EW	0.56 1	757.18	JP 2000 Mie EW	0.94 8	55.91	JP 1996 Nagano NS	0.55 8	58.24	JP 2011 Tohoku 57 NS	0.25 0	127.25
	14	CH 2015 Coquimbo_01_E W	0.52 1	62.83	JP 2011 16APR 03 NS	0.54 8	212.03	JP 2011 Tohoku 60 EW	0.89 6	381.52	JP 2016 28DEC EW	0.50 5	55.95	JP 2000 Tottori 03 EW	0.55 8	58.40	JP 2011 Tohoku 58 EW	0.25 0	167.60
	15	JP 2011 16APR 03 EW	0.56 7	67.88	JP 2011 Tohoku 07 EW	0.58 9	213.71	JP 2016 Kumamoto 01 NS	0.60 5	608.85	JP 2005 Miyagi 01 EW	0.57 3	56.55	JP 2000 Tottori 03 NS	0.32 5	58.61	JP_2021_Fukushima_06_N S	0.25 0	117.63
	16	JP 2011 Miyagi 12 NS	0.56 8	79.09	JP 2011 19MAR 02 EW	0.85 7	216.07	JP 2016 Kumamoto 05 NS	0.84 7	681.03	JP 1996 Nagano NS	0.55 8	58.24	MX 1985 Guerrero N90W	0.51 3	62.81	PE 2001 23JUN NS	0.25 0	173.80
	17	JP 1996 Nagano EW	0.47 0	79.35	JP 2011 Miyagi 14 EW	0.90 6	222.01	JP_2016_Kumamoto_06_E W	1.63 2	945.53	JP 2000 Tottori 03 EW	0.55 8	58.40	CH 2015 Coquimbo 01 EW	0.52 0	62.85	PE 2005 13JUN 04 NS	1.06 1	137.53
	18	PE 2005 13JUN 03 EW	1.67 8	79.75	JP 2004 29NOV 03 EW	0.71 0	223.21	TW 1999 ChiChi 07 360	1.48 5	870.23	JP 2000 Tottori 03 NS	0.32 5	58.61	JP 2003 Miyagi 09 NS	0.25 0	63.22	PE 2005 13JUN 06 NS	0.87 3	135.15
	19	JP 2016 28DEC NS	0.68 1	81.15	JP 2011 16AGO 02 EW	1.02 0	227.04	TW 1999 ChiChi 09 360	0.70 8	493.24	MX 1985 Guerrero N90W	0.51 3	62.81	JP 2003 Miyagi 04 EW	0.40 8	65.07	PE 2011 24AGO 06 EW	4.00 0	144.77
	20	JP 2003 Miyagi 09 EW	0.34 7	84.90	JP 2000 Tottori 01 NS	0.53 3	229.59	US 2005 Anza 02 360	1.28 7	401.26	CH 2015 Coquimbo_01_E W	0.52 0	62.85	JP 2011 Miyagi 12 EW	0.38 5	66.82	PE 2015 24NOV 01 NS	4.00 0	172.95
MAP E	1	JP 2011 19MAR 01 EW	0.47 5	224.90	JP 2011 Miyagi 02 EW	0.88 7	861.44	JP 2003 Hokkaido 13 EW	1.21 4	4591.08	PE 2015 24NOV 04 NS	2.33 3	54.95	PE 1974 05ENE 01 EW	0.25 0	83.07	CH 2010 Maule 01 Transv	0.25 0	2839.30
	2	JP 2016 28DEC EW	0.50 4	311.46	JP 2011 19MAR 02 NS	1.09 5	879.23	JP 2004 29NOV 03 NS	0.77 8	2177.10	PE 2015 24NOV 04 EW	3.09 1	58.93	PE 2005 13JUN 03 EW	0.25 0	83.43	CH 2010 Maule 06 Transv	0.25 0	1546.85
	3	JP 2003 Miyagi 07 NS	0.32 2	323.11	JP 2011 19MAR 02 EW	0.85 7	896.30	JP 2009 Shizuoca 01 NS	1.35 2	2626.91	PE 2011 24AGO 04 NS	0.57 3	67.00	MX 1985 Guerrero N90W	0.25 0	88.63	CH 2014 Iquique 02 EW	0.25 0	493.06
	4	JP 2003 Miyagi 08 EW	0.38 2	375.97	JP 2021 Miyagi 02 EW	1.02 3	912.65	JP 2011 12APR EW	1.31 9	3455.68	PE 1974 05ENE 01 NS	0.25 0	70.66	PE 1974 05ENE 02 EW	0.25 0	96.37	JP 1997 Kagoshima NS	0.25 0	1037.57
	5	MX 1985 Guerrero N90W	0.88 7	378.93	US 2005 Anza 02 90	0.93 6	939.72	JP 2011 16APR 01 NS	1.21 2	1159.91	PE 2005 13JUN 03 NS	0.25 0	75.34	JP 2011 19MAR 01 EW	0.25 0	100.80	JP 2003 Hokkaido 06 NS	0.25 0	1200.21
	6	JP 2003 Miyagi 09 EW	0.34 7	429.70	JP 2011 16APR 02 NS	0.44 1	987.71	JP 2011 Miyagi 01 NS	0.73 6	3704.08	PE 1974 05ENE 02 NS	0.27 3	75.77	CH 1995 Antofagasta Long	0.25 0	102.77	JP 2004 27OCT 01 EW	0.25 0	213.78
	7	JP 2000 Mie EW	1.45 2	474.65	JP 2003 Miyagi 02 EW	0.68 4	988.66	JP 2011 Miyagi 04 EW	0.77 0	1859.65	PE 2011 24AGO 04 EW	0.37 8	77.00	JP 2011 Fukushima 01 EW	0.25 0	105.00	JP 2011 16APR 01 NS	0.25 0	194.27
	8	JP 2003 Miyagi 04 NS	0.57 0	477.44	JP 2011 Miyagi 18 NS	0.65 7	1002.97	JP 2011 Miyagi 09 NS	1.12 0	1839.52	PE 2005 25SET 03 NS	0.86 5	79.69	CH_1995_Antofagasta_Trans v	0.25 0	107.23	JP 2011 Miyagi 15 EW	0.25 0	484.50
	9	JP 2011 16AGO 02 NS	0.61 5	508.25	JP 2011 Miyagi 12 EW	0.71 3	1036.12	JP 2011 Tohoku 10 EW	0.55 3	3806.61	PE 2005 25SET 01 NS	0.61 8	80.42	PE 2005 13JUN 05 NS	0.25 0	110.35	JP 2011 Tohoku 13 NS	0.25 0	1136.11
	10	JP 2011 16APR 03 EW	0.56 7	508.93	JP 2001 Geiyo 03 EW	0.85 6	1051.82	JP 2011 Tohoku 21 EW	0.46 2	5734.37	PE 2005 25SET 01 EW	0.45 3	82.37	JP 2011 Fukushima 01 NS	0.25 0	117.42	JP 2011 Tohoku 20 EW	0.25 0	257.36
	11	JP 2003 Miyagi 06 EW	0.35 0	510.03	JP 2011 Miyagi 18 EW	0.54 6	1055.44	JP 2011 Tohoku 21 NS	0.76 9	8532.04	PE 2005 25SET 03 EW	0.55 0	83.05	PE 2005 13JUN 07 EW	0.25 0	129.82	JP 2011 Tohoku 28 EW	0.25 0	1959.46
	12	JP 2003 Miyagi 08 NS	0.34 5	513.18	JP 2011 Miyagi 10 EW	0.77 4	1112.89	JP 2011 Tohoku 23 EW	1.77 3	11440.12	PE 1974 05ENE 01 EW	0.25 0	83.07	JP 2016 28DEC EW	0.25 0	133.27	JP 2011 Tohoku 37 NS	0.25 0	1231.45
	13	JP 2003 Miyagi 02 NS	0.47 2	514.73	JP 2011 Miyagi 03 NS	0.43 9	1114.81	JP 2011 Tohoku 53 EW	0.56 1	3452.31	PE 2015 24NOV 05 NS	4.00 0	83.18	PE 2005 13JUN 04 EW	0.25 0	137.93	JP 2011 Tohoku 54 NS	0.25 0	2335.01
	14	JP 2011 Fukushima 01 NS	0.84 4	522.33	JP 2011 Miyagi 15 NS	0.78 6	1162.94	JP 2011 Tohoku 60 EW	0.89 6	1487.39	PE 2005 13JUN 03 EW	0.25 0	83.43	PE 2005 13JUN 04 NS	0.25 0	143.95	JP 2011 Tohoku 58 EW	0.25 0	761.89
	15	JP 2011 Miyagi 02 NS	0.57 1	527.80	JP 2021 Fukushima 06 NS	0.88 7	1200.66	JP 2016 Kumamoto 01 NS	0.60 5	7297.45	PE 2011 24AGO 05 EW	0.31 8	87.90	JP 2011 Tohoku 57 EW	0.25 0	150.23	JP_2021_Fukushima_06_N S	0.25 0	293.12
	16	PE 2005 13JUN 03 EW	1.67 8	556.45	JP 2011 Tohoku 07 EW	0.58 9	1224.70	JP 2016 Kumamoto 05 NS	0.84 7	11852.23	PE 2015 24NOV 05 EW	4.00 0	88.45	MX 1985 Guerrero N00W	0.25 0	160.35	PE 2001 23JUN NS	0.25 0	1346.45

	17	JP_2005_Miyagi_01_EW	0.56 6	556.47	US_1992_Petrolia_Aftershock_03_9 0	0.92 9	1263.34	JP_2016_Kumamoto_06_E W	1.63 2	14802.62	MX_1985_Guerrero_N90W	0.25 0	88.63	PE_2005_13JUN_05_EW	0.25 0	162.54	PE_2005_13JUN_04_NS	0.25 0	143.95
	18	JP_2011_Fukushima_01_E W	0.93 8	563.58	JP_2011_16AGO_01_NS	0.78 6	1276.94	TW_1999_ChiChi_07_360	1.48 5	12869.60	PE_2011_24AGO_06_EW	0.25 0	90.23	JP_2001_Geiyō_02_NS	0.25 0	167.41	PE_2011_24AGO_06_EW	0.25 0	90.23
	19	PE_1974_05ENE_01_NS	1.89 0	607.54	JP_2004_27OCT_01_NS	0.92 1	1319.50	TW_1999_ChiChi_09_360	0.70 8	3127.43	PE_2011_24AGO_03_NS	0.34 0	90.45	JP_2011_19MAR_02_NS	0.25 0	168.16	PE_2015_24NOV_01_NS	4.00 0	91.96
	20	JP_2016_28DEC_NS	0.68 1	613.71	JP_2011_Tohoku_43_NS	0.73 3	1322.88	US_2005_Anza_02_360	1.28 7	1345.54	PE_2011_24AGO_05_NS	0.34 8	90.76	JP_2021_Miyagi_02_EW	0.25 0	182.02	TW_1999_ChiChi_04_360	0.25 0	4069.01
MSE	1	JP_2012_30AGO_NS	0.56 8	1939.12	JP_2011_Miyagi_12_EW	0.71 3	34028.57	JP_2003_Hokkaido_13_EW	1.21 4	608579.35	JP_2012_30AGO_NS	0.57 3	1940.7 0	JP_2012_30AGO_NS	0.57 3	1940.7 0	CH_2010_Maule_01_Transv	0.28 0	68805.11
	2	JP_2003_Miyagi_06_NS	0.51 2	2184.36	JP_2011_Miyagi_18_EW	0.54 6	37452.33	JP_2004_29NOV_03_NS	0.77 8	580826.71	JP_2003_Miyagi_06_NS	0.53 5	2044.5 3	JP_2003_Miyagi_06_NS	0.53 5	2044.5 3	CH_2010_Maule_06_Transv	0.25 0	57874.29
	3	JP_2011_19MAR_01_EW	0.47 5	3866.81	JP_2011_16AGO_01_NS	0.78 6	43974.07	JP_2009_Shizuoka_01_NS	1.35 2	970489.68	JP_2005_Miyagi_01_NS	0.69 3	2950.6 9	JP_2005_Miyagi_01_NS	0.69 3	2950.6 9	JP_2011_Miyagi_15_EW	0.25 0	53492.03
	4	JP_2003_Miyagi_06_EW	0.35 0	4180.13	JP_2011_Miyagi_02_EW	0.88 7	47356.96	JP_2011_12APR_EW	1.31 9	622749.03	JP_2003_Miyagi_04_NS	0.46 8	2961.0 4	JP_2003_Miyagi_04_NS	0.46 8	2961.0 4	JP_2011_Miyagi_16_EW	0.27 3	52826.08
	5	JP_2005_Miyagi_01_NS	0.60 5	4389.56	JP_2021_Fukushima_03_NS	0.53 6	52112.14	JP_2011_16APR_01_NS	1.21 2	371345.92	JP_2011_19MAR_01_EW	0.46 0	3765.8 6	JP_2011_19MAR_01_EW	0.46 0	3765.8 6	JP_2011_Tohoku_13_NS	0.25 0	64078.54
	6	CH_2015_Coquimbo_01_E W	0.52 1	5247.89	JP_2011_Fukushima_03_EW	0.76 9	61571.93	JP_2011_Miyagi_01_NS	0.73 6	621260.78	JP_2003_Miyagi_08_EW	0.32 5	3773.6 2	JP_2003_Miyagi_06_EW	0.34 0	4116.7 7	JP_2011_Tohoku_21_NS	0.25 0	175527.6 2
	7	JP_1996_Nagano_NS	0.55 1	5654.92	JP_2011_16AGO_02_EW	1.02 0	68738.76	JP_2011_Miyagi_04_EW	0.77 0	175069.20	JP_2003_Miyagi_06_EW	0.34 0	4116.7 7	CH_2015_Coquimbo_01_NS	0.43 0	4674.5 0	JP_2011_Tohoku_28_EW	0.28 0	40173.01
	8	JP_2005_Miyagi_01_EW	0.56 6	6301.23	JP_2011_19MAR_02_NS	1.09 5	70067.95	JP_2011_Miyagi_09_NS	1.12 0	524424.21	CH_2015_Coquimbo_01_NS	0.43 0	4674.5 0	JP_2011_Miyagi_12_NS	0.44 5	4810.0 9	JP_2011_Tohoku_37_NS	0.25 0	62819.22
	9	JP_2003_Miyagi_08_EW	0.38 2	6633.09	JP_2011_Tohoku_27_NS	0.53 7	70490.18	JP_2011_Tohoku_10_EW	0.55 3	320312.23	JP_2011_16AGO_02_NS	0.53 5	4736.0 9	CH_2015_Coquimbo_01_EW	0.49 8	5117.2 4	JP_2011_Tohoku_38_NS	0.25 0	63789.13
	10	JP_2011_16AGO_02_NS	0.61 5	6803.95	JP_2011_Miyagi_03_NS	0.43 9	71511.88	JP_2011_Tohoku_21_EW	0.46 2	1270599.0 8	JP_2011_Miyagi_12_NS	0.44 5	4810.0 9	JP_1996_Nagano_NS	0.58 8	5389.2 4	JP_2011_Tohoku_54_NS	0.25 0	56168.86
	11	JP_2003_Miyagi_08_NS	0.34 5	6979.73	JP_2011_16APR_02_NS	0.44 1	72626.91	JP_2011_Tohoku_21_NS	0.76 9	1626415.4 2	CH_2015_Coquimbo_01_E W	0.49 8	5117.2 4	JP_2005_Miyagi_01_EW	0.61 0	5809.7 6	JP_2011_Tohoku_57_NS	0.25 0	42351.17
	12	JP_2003_Miyagi_04_NS	0.57 0	7284.26	JP_2011_16APR_03_NS	0.54 8	73795.15	JP_2011_Tohoku_23_EW	1.77 3	1540370.5 5	JP_1996_Nagano_NS	0.58 8	5389.2 4	JP_2003_Miyagi_08_NS	0.31 0	6036.9 9	JP_2011_Tohoku_58_EW	0.27 3	59070.34
	13	JP_2016_28DEC_EW	0.50 4	7335.05	JP_2011_Miyagi_14_EW	0.90 6	74268.33	JP_2011_Tohoku_53_EW	0.56 1	1103598.6 0	JP_2005_Miyagi_01_EW	0.61 0	5809.7 6	JP_2016_28DEC_EW	0.49 8	7333.2 6	JP_2011_Tohoku_58_NS	0.29 5	42781.30
	14	PE_2005_13JUN_03_EW	1.67 8	10662.2 6	JP_2011_Tohoku_08_NS	0.57 1	78052.08	JP_2011_Tohoku_60_EW	0.89 6	400814.74	JP_2003_Miyagi_08_NS	0.31 0	6036.9 9	JP_2003_Miyagi_07_NS	0.25 0	7876.9 1	JP_2011_Tohoku_59_EW	0.37 8	43727.21
	15	JP_2003_Miyagi_09_EW	0.34 7	11069.6 5	JP_2003_Miyagi_02_EW	0.68 4	78793.99	JP_2016_Kumamoto_01_NS	0.60 5	603474.94	JP_2016_28DEC_EW	0.49 8	7333.2 6	JP_2003_Miyagi_02_NS	0.36 3	7933.0 5	JP_2021_Fukushima_06_N S	0.32 5	36886.77
	16	JP_2011_16APR_03_EW	0.56 7	11302.7 2	JP_2011_Miyagi_18_NS	0.65 7	88742.99	JP_2016_Kumamoto_05_NS	0.84 7	682318.47	JP_2003_Miyagi_07_NS	0.25 0	7876.9 1	PE_1974_05ENE_02_NS	2.93 9	9098.6 4	PE_2001_23JUN_NS	0.33 3	64438.74
	17	JP_2011_Miyagi_12_NS	0.56 8	11643.0 8	JP_2000_Tottori_01_NS	0.53 3	95205.00	JP_2016_Kumamoto_06_E W	1.63 2	1219277.5 3	JP_2003_Miyagi_02_NS	0.36 3	7933.0 5	JP_1997_13MAY_NS	0.25 0	9408.4 2	PE_2010_05MAY_01_EW	1.27 3	51292.61
	18	JP_1997_13MAY_NS	0.28 5	12546.8 2	JP_2011_Tohoku_22_NS	0.63 7	99773.25	TW_1999_ChiChi_07_360	1.48 5	1086779.9 2	PE_2005_13JUN_03_EW	1.48 5	9094.2 4	JP_2011_Tohoku_52_NS	0.43 0	9759.7 7	PE_2011_24AGO_06_EW	4.00 0	70939.55
	19	CH_2015_Coquimbo_01_NS	0.56 3	12695.7 7	JP_2011_Tohoku_08_EW	0.52 6	101107.2 2	TW_1999_ChiChi_09_360	0.70 8	495810.17	PE_1974_05ENE_02_NS	2.93 9	9098.6 4	JP_2003_Miyagi_09_EW	0.31 0	9874.9 7	PE_2015_24NOV_01_NS	4.00 0	89254.75
	20	PE_1974_05ENE_02_NS	3.67 0	13879.2 2	JP_2011_Tohoku_07_EW	0.58 9	103434.1 3	US_2005_Anza_02_360	1.28 7	325079.11	JP_1997_13MAY_NS	0.25 0	9408.4 2	JP_2000_Tottori_03_EW	0.64 0	9979.7 6	US_1992_Big Bear_270	0.25 0	51525.98
RMS E	1	JP_2012_30AGO_NS	0.56 8	44.04	JP_2011_Miyagi_12_EW	0.71 3	184.47	JP_2003_Hokkaido_13_EW	1.21 4	780.11	JP_2012_30AGO_NS	0.57 3	44.05	JP_2012_30AGO_NS	0.57 3	44.05	CH_2010_Maule_01_Transv	0.28 0	262.31
	2	JP_2003_Miyagi_06_NS	0.51 2	46.74	JP_2011_Miyagi_18_EW	0.54 6	193.53	JP_2004_29NOV_03_NS	0.77 8	762.12	JP_2003_Miyagi_06_NS	0.53 5	45.22	JP_2003_Miyagi_06_NS	0.53 5	45.22	CH_2010_Maule_06_Transv	0.25 0	240.57
	3	JP_2011_19MAR_01_EW	0.47 5	62.18	JP_2011_16AGO_01_NS	0.78 6	209.70	JP_2009_Shizuoka_01_NS	1.35 2	985.13	JP_2005_Miyagi_01_NS	0.69 3	54.32	JP_2005_Miyagi_01_NS	0.69 3	54.32	JP_2011_Miyagi_15_EW	0.25 0	231.28
	4	JP_2003_Miyagi_06_EW	0.35 0	64.65	JP_2011_Miyagi_02_EW	0.88 7	217.62	JP_2011_12APR_EW	1.31 9	789.14	JP_2003_Miyagi_04_NS	0.46 8	54.42	JP_2003_Miyagi_04_NS	0.46 8	54.42	JP_2011_Miyagi_16_EW	0.27 3	229.84
	5	JP_2005_Miyagi_01_NS	0.60 5	66.25	JP_2021_Fukushima_03_NS	0.53 6	228.28	JP_2011_16APR_01_NS	1.21 2	609.38	JP_2011_19MAR_01_EW	0.46 0	61.37	JP_2011_19MAR_01_EW	0.46 0	61.37	JP_2011_Tohoku_13_NS	0.25 0	253.14
	6	CH_2015_Coquimbo_01_E W	0.52 1	72.44	JP_2011_Fukushima_03_EW	0.76 9	248.14	JP_2011_Miyagi_01_NS	0.73 6	788.20	JP_2003_Miyagi_08_EW	0.32 5	61.43	JP_2003_Miyagi_06_EW	0.34 0	64.16	JP_2011_Tohoku_21_NS	0.25 0	418.96
	7	JP_1996_Nagano_NS	0.55 1	75.20	JP_2011_16AGO_02_EW	1.02 0	262.18	JP_2011_Miyagi_04_EW	0.77 0	418.41	JP_2003_Miyagi_06_EW	0.34 0	64.16	CH_2015_Coquimbo_01_NS	0.43 0	68.37	JP_2011_Tohoku_28_EW	0.28 0	200.43
	8	JP_2005_Miyagi_01_EW	0.56 6	79.38	JP_2011_19MAR_02_NS	1.09 5	264.70	JP_2011_Miyagi_09_NS	1.12 0	724.17	CH_2015_Coquimbo_01_NS	0.43 0	68.37	JP_2011_Miyagi_12_NS	0.44 5	69.35	JP_2011_Tohoku_37_NS	0.25 0	250.64
	9	JP_2003_Miyagi_08_EW	0.38 2	81.44	JP_2011_Tohoku_27_NS	0.53 7	265.50	JP_2011_Tohoku_10_EW	0.55 3	565.96	JP_2011_16AGO_02_NS	0.53 5	68.82	CH_2015_Coquimbo_01_EW	0.49 8	71.53	JP_2011_Tohoku_38_NS	0.25 0	252.57
	10	JP_2011_16AGO_02_NS	0.61 5	82.49	JP_2011_Miyagi_03_NS	0.43 9	267.42	JP_2011_Tohoku_21_EW	0.46 2	1127.21	JP_2011_Miyagi_12_NS	0.44 5	69.35	JP_1996_Nagano_NS	0.58 8	73.41	JP_2011_Tohoku_54_NS	0.25 0	237.00
	11	JP_2003_Miyagi_08_NS	0.34 5	83.54	JP_2011_16APR_02_NS	0.44 1	269.49	JP_2011_Tohoku_21_NS	0.76 9	1275.31	CH_2015_Coquimbo_01_E W	0.49 8	71.53	JP_2005_Miyagi_01_EW	0.61 0	76.22	JP_2011_Tohoku_57_NS	0.25 0	205.79
	12	JP_2003_Miyagi_04_NS	0.57 0	85.35	JP_2011_16APR_03_NS	0.54 8	271.65	JP_2011_Tohoku_23_EW	1.77 3	1241.12	JP_1996_Nagano_NS	0.58 8	73.41	JP_2003_Miyagi_08_NS	0.31 0	77.70	JP_2011_Tohoku_58_EW	0.27 3	243.04
	13	JP_2016_28DEC_EW	0.50 4	85.64	JP_2011_Miyagi_14_EW	0.90 6	272.52	JP_2011_Tohoku_53_EW	0.56 1	1050.52	JP_2005_Miyagi_01_EW	0.61 0	76.22	JP_2016_28DEC_EW	0.49 8	85.63	JP_2011_Tohoku_58_NS	0.29 5	206.84
	14	PE_2005_13JUN_03_EW	1.67 8	103.26	JP_2011_Tohoku_08_NS	0.57 1	279.38	JP_2011_Tohoku_60_EW	0.89 6	633.10	JP_2003_Miyagi_08_NS	0.31 0	77.70	JP_2003_Miyagi_07_NS	0.25 0	88.75	JP_2011_Tohoku_59_EW	0.37 8	209.11
	15	JP_2003_Miyagi_09_EW	0.34 7	105.21	JP_2003_Miyagi_02_EW	0.68 4	280.70	JP_2016_Kumamoto_01_NS	0.60 5	776.84	JP_2016_28DEC_EW	0.49 8	85.63	JP_2003_Miyagi_02_NS	0.36 3	89.07	JP_2021_Fukushima_06_N S	0.32 5	192.06

	16	JP_2011_16APR_03_EW	0.567	106.31	JP_2011_Miyagi_18_NS	0.657	297.90	JP_2016_Kumamoto_05_NS	0.847	826.03	JP_2003_Miyagi_07_NS	0.250	88.75	PE_1974_05ENE_02_NS	2.939	95.39	PE_2001_23JUN_NS	0.333	253.85
	17	JP_2011_Miyagi_12_NS	0.568	107.90	JP_2000_Tottori_01_NS	0.533	308.55	JP_2016_Kumamoto_06_EW	1.632	1104.21	JP_2003_Miyagi_02_NS	0.363	89.07	JP_1997_13MAY_NS	0.250	97.00	PE_2010_05MAY_01_EW	1.273	226.48
	18	JP_1997_13MAY_NS	0.285	112.01	JP_2011_Tohoku_22_NS	0.637	315.87	TW_1999_ChiChi_07_360	1.485	1042.49	PE_2005_13JUN_03_EW	1.485	95.36	JP_2011_Tohoku_52_NS	0.430	98.79	PE_2011_24AGO_06_EW	4.000	266.34
	19	CH_2015_Coquimbo_01_NS	0.563	112.68	JP_2011_Tohoku_08_EW	0.526	317.97	TW_1999_ChiChi_09_360	0.708	704.14	PE_1974_05ENE_02_NS	2.939	95.39	JP_2003_Miyagi_09_EW	0.310	99.37	PE_2015_24NOV_01_NS	4.000	298.76
	20	PE_1974_05ENE_02_NS	3.670	117.81	JP_2011_Tohoku_07_EW	0.589	321.61	US_2005_Anza_02_360	1.287	570.16	JP_1997_13MAY_NS	0.250	97.00	JP_2000_Tottori_03_EW	0.640	99.90	US_1992_BigBear_270	0.250	226.99

REGISTROS SELECCIONADOS CASO Nmr T=0.08s - Tsemc-tr-2475																			
Caso:		TSemc-tr-2475_NSp_Sbs			TSemc-tr-2475_NSp_Sci			TSemc-tr-2475_NSp_Ssr			TSemc-tr-2475_NSi_Sbs			TSemc-tr-2475_NSi_Sci			TSemc-tr-2475_NSi_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2012_30AGO_NS	0.741	45.42	JP_2011_Miyagi_12_EW	0.931	178.16	CH_2010_Maule_04_Transv	1.127	874.73	JP_2012_30AGO_NS	0.738	45.47	JP_2003_Miyagi_04_NS	0.550	54.65	CH_2010_Maule_01_Transv	0.250	221.98
	2	JP_2005_Miyagi_01_NS	0.789	50.10	JP_2011_Miyagi_18_EW	0.712	187.84	JP_2004_29NOV_03_NS	1.014	655.18	JP_2005_Miyagi_01_NS	0.835	46.40	JP_2003_Miyagi_07_NS	0.325	58.64	CH_2010_Maule_06_Transv	0.250	221.63
	3	JP_2003_Miyagi_06_NS	0.668	53.34	JP_2011_Miyagi_02_EW	1.157	210.19	JP_2005_Miyagi_02_EW	1.258	344.44	JP_2003_Miyagi_08_EW	0.378	47.69	JP_2011_19MAR_01_EW	0.580	60.86	JP_2000_Tottori_04_NS	0.250	134.78
	4	JP_2011_19MAR_01_EW	0.620	62.89	JP_2011_16AGO_01_NS	1.025	216.13	JP_2007_Noto_02_NS	1.761	941.50	JP_2003_Miyagi_06_NS	0.670	53.38	JP_2011_Miyagi_12_NS	0.505	72.20	JP_2003_Hokkaido_06_NS	0.250	198.91
	5	JP_2003_Miyagi_08_EW	0.498	65.98	JP_2011_19MAR_02_NS	1.429	227.45	JP_2009_Shizuoca_01_NS	1.763	861.59	JP_2003_Miyagi_04_NS	0.550	54.65	CH_2015_Coquimbo_01_NS	0.513	72.55	JP_2004_27OCT_01_EW	0.490	158.95
	6	JP_2003_Miyagi_06_EW	0.457	68.49	JP_2011_Fukushima_03_EW	1.004	231.27	JP_2011_Miyagi_09_EW	2.138	800.11	JP_2003_Miyagi_07_NS	0.325	58.64	JP_2000_Mie_EW	1.212	75.22	JP_2011_Miyagi_15_EW	0.250	191.29
	7	JP_1996_Nagano_NS	0.719	72.75	JP_2021_Fukushima_03_NS	0.699	244.36	JP_2011_Miyagi_17_NS	1.091	826.48	JP_2011_19MAR_01_EW	0.580	60.86	JP_2000_Tottori_03_EW	0.715	78.11	JP_2011_Tohoku_13_NS	0.250	219.86
	8	JP_2003_Miyagi_08_NS	0.450	74.55	JP_2011_Miyagi_18_NS	0.856	246.32	JP_2011_Tohoku_17_EW	1.096	881.82	JP_2003_Miyagi_08_NS	0.340	63.67	JP_2000_Tottori_03_NS	0.408	79.30	JP_2011_Tohoku_28_EW	0.250	182.59
	9	JP_2005_Miyagi_01_EW	0.739	75.01	JP_2011_Miyagi_03_NS	0.573	255.22	JP_2011_Tohoku_21_NS	1.003	1304.03	JP_2011_16AGO_02_NS	0.648	64.85	MX_1985_Guerrero_N90W	0.610	83.71	JP_2011_Tohoku_37_NS	0.250	233.45
	10	JP_2016_28DEC_EW	0.658	75.68	JP_2011_16APR_02_NS	0.576	268.55	JP_2011_Tohoku_32_EW	1.684	744.43	JP_2003_Miyagi_06_EW	0.445	68.07	JP_2003_Miyagi_09_NS	0.303	84.62	JP_2011_Tohoku_38_NS	0.250	231.91
	11	JP_2003_Miyagi_07_NS	0.420	80.10	JP_2011_Tohoku_27_NS	0.700	276.53	JP_2011_Tohoku_37_EW	1.436	1161.40	JP_2011_Miyagi_12_NS	0.505	72.20	JP_2003_Miyagi_04_EW	0.513	86.67	JP_2011_Tohoku_54_NS	0.250	209.91
	12	JP_2011_16AGO_02_NS	0.803	80.73	JP_2011_Tohoku_08_NS	0.745	280.00	JP_2011_Tohoku_53_EW	0.731	994.12	CH_2015_Coquimbo_01_NS	0.513	72.55	JP_2011_Miyagi_12_EW	0.483	89.34	JP_2011_Tohoku_57_NS	0.250	159.25
	13	JP_2003_Miyagi_04_NS	0.744	83.58	JP_2011_Fukushima_05_NS	1.207	280.92	JP_2011_Tohoku_56_EW	0.899	1112.15	JP_1996_Nagano_NS	0.723	72.78	JP_2021_Miyagi_01_EW	0.378	91.56	JP_2011_Tohoku_58_EW	0.250	203.80
	14	CH_2015_Coquimbo_01_EW	0.680	83.68	JP_2003_Miyagi_02_EW	0.892	282.61	JP_2011_Tohoku_58_EW	2.052	924.87	JP_2005_Miyagi_01_EW	0.745	75.10	JP_2011_Tohoku_07_NS	0.280	91.74	JP_2011_Tohoku_59_EW	0.258	182.41
	15	JP_2011_16APR_03_EW	0.740	90.16	JP_2011_16APR_03_NS	0.715	283.15	JP_2016_Kumamoto_02_EW	1.388	544.40	JP_2000_Mie_EW	1.212	75.22	JP_2003_Miyagi_02_NS	0.490	93.70	JP_2021_Fukushima_06_NS	0.250	149.64
	16	JP_1996_Nagano_EW	0.613	101.39	JP_2011_Tohoku_07_EW	0.768	285.34	JP_2018_Hokkaido_06_NS	1.554	530.24	JP_2016_28DEC_EW	0.655	75.75	JP_2013_13APR_EW	0.483	94.25	PE_2001_23JUN_NS	0.250	215.69
	17	PE_2005_13JUN_03_EW	2.188	105.02	JP_2011_19MAR_02_EW	1.118	288.42	PE_2001_23JUN_EW	2.276	858.65	JP_2000_Tottori_03_EW	0.715	78.11	PE_1974_05ENE_02_NS	3.758	97.67	PE_2005_13JUN_04_NS	1.273	177.74
	18	JP_2016_28DEC_NS	0.888	108.62	JP_2011_Miyagi_14_EW	1.181	295.23	US_1989_LomaPrieta_06_0	1.850	833.39	JP_2000_Tottori_03_NS	0.408	79.30	JP_2003_Miyagi_07_EW	0.318	98.12	PE_2005_13JUN_06_NS	1.061	174.92
	19	JP_2011_Miyagi_12_NS	0.741	109.74	JP_2004_29NOV_03_EW	0.926	296.58	US_1989_LomaPrieta_06_90	2.208	803.54	CH_2015_Coquimbo_01_EW	0.678	83.57	JP_2016_28DEC_NS	0.768	98.37	PE_2011_24AGO_06_EW	4.000	191.19
	20	JP_2003_Miyagi_09_EW	0.453	114.51	JP_2011_16AGO_02_EW	1.330	302.73	US_2005_Anza_02_360	1.678	529.97	MX_1985_Guerrero_N90W	0.610	83.71	JP_2011_Miyagi_02_NS	0.370	99.80	PE_2015_24NOV_01_NS	4.000	219.52
MAP E	1	JP_2011_19MAR_01_EW	0.620	282.79	JP_2011_19MAR_01_NS	1.068	994.73	CH_2010_Maule_04_Transv	1.127	7054.01	PE_2015_24NOV_04_NS	2.545	56.64	PE_2005_13JUN_03_EW	0.250	82.56	CH_2010_Maule_01_Transv	0.250	2687.80
	2	JP_2016_28DEC_EW	0.658	390.91	JP_2011_Miyagi_02_EW	1.157	1060.48	JP_2004_29NOV_03_NS	1.014	2649.37	PE_2015_24NOV_04_EW	3.364	60.71	PE_1974_05ENE_01_EW	0.250	84.53	CH_2010_Maule_06_Transv	0.250	1444.88
	3	JP_2003_Miyagi_07_NS	0.420	409.61	JP_2011_19MAR_02_NS	1.429	1081.02	JP_2005_Miyagi_02_EW	1.258	1972.62	PE_2011_24AGO_04_NS	0.588	69.73	MX_1985_Guerrero_N90W	0.250	89.17	CH_2014_Iquique_02_EW	0.250	466.51
	4	MX_1985_Guerrero_N90W	1.157	471.96	JP_2011_19MAR_02_EW	1.118	1098.22	JP_2007_Noto_02_NS	1.761	14673.06	PE_1974_05ENE_01_NS	0.250	70.72	JP_2011_19MAR_01_EW	0.250	93.56	JP_1997_Kagoshima_NS	0.250	967.50
	5	JP_2003_Miyagi_08_EW	0.498	473.53	JP_2021_Miyagi_02_EW	1.334	1110.48	JP_2009_Shizuoca_01_NS	1.763	3153.83	PE_2005_13JUN_03_NS	0.250	76.24	JP_2011_Fukushima_01_EW	0.250	93.93	JP_2003_Hokkaido_06_NS	0.250	1116.34
	6	JP_2003_Miyagi_09_EW	0.453	530.62	US_2005_Anza_02_90	1.221	1128.84	JP_2011_Miyagi_09_EW	2.138	2747.09	PE_1974_05ENE_02_NS	0.288	78.21	PE_1974_05ENE_02_EW	0.250	95.99	JP_2004_27OCT_01_EW	0.250	197.19
	7	JP_2003_Miyagi_04_NS	0.744	596.12	JP_2011_16APR_02_NS	0.576	1198.66	JP_2011_Miyagi_17_NS	1.091	7060.85	PE_2011_24AGO_04_EW	0.400	78.89	CH_1995_Antofagasta_Long	0.250	101.62	JP_2011_16APR_01_NS	0.250	183.71
	8	JP_2000_Mie_EW	1.893	596.15	JP_2003_Miyagi_02_EW	0.892	1200.25	JP_2011_Tohoku_17_EW	1.096	10460.59	PE_2005_25SET_03_NS	0.783	80.70	PE_2005_13JUN_05_NS	0.250	104.40	JP_2011_Miyagi_15_EW	0.250	446.34

	9	JP_2011_16AGO_02_NS	0.80 3	632.17	JP_2011_Miyagi_18_NS	0.85 6	1234.27	JP_2011_Tohoku_21_NS	1.00 3	10319.13	PE_2005_25SET_01_NS	0.58 0	81.05	CH_1995_Antofagasta_Transv	0.25 0	105.06	JP_2011_Tohoku_13_NS	0.25 0	1051.46
	10	JP_2003_Miyagi_02_NS	0.61 6	632.87	JP_2001_Geiyo_03_EW	1.11 6	1267.94	JP_2011_Tohoku_32_EW	1.68 4	6693.46	PE_2005_13JUN_03_EW	0.25 0	82.56	JP_2011_Fukushima_01_NS	0.25 0	108.30	JP_2011_Tohoku_20_EW	0.25 0	245.50
	11	JP_2003_Miyagi_06_EW	0.45 7	633.54	JP_2011_Miyagi_12_EW	0.93 1	1286.39	JP_2011_Tohoku_37_EW	1.43 6	8848.74	PE_2005_25SET_01_EW	0.47 5	83.15	JP_2016_28DEC_EW	0.25 0	126.24	JP_2011_Tohoku_28_EW	0.25 0	1851.19
	12	JP_2011_16APR_03_EW	0.74 0	637.29	JP_2011_Miyagi_18_EW	0.71 2	1302.60	JP_2011_Tohoku_53_EW	0.73 1	4109.29	PE_2005_25SET_03_EW	0.57 3	83.72	PE_2005_13JUN_07_EW	0.25 0	126.60	JP_2011_Tohoku_37_NS	0.25 0	1137.43
	13	JP_2011_Fukushima_01_NS	1.10 1	639.10	JP_2011_Miyagi_10_EW	1.01 0	1334.24	JP_2011_Tohoku_56_EW	0.89 9	5101.52	PE_1974_05ENE_01_EW	0.25 0	84.53	JP_2011_Tohoku_57_EW	0.25 0	134.56	JP_2011_Tohoku_54_NS	0.25 0	2209.05
	14	JP_2003_Miyagi_08_NS	0.45 0	645.14	JP_2011_Miyagi_03_NS	0.57 3	1368.20	JP_2011_Tohoku_58_EW	2.05 2	6156.71	PE_2015_24NOV_05_NS	4.00 0	84.59	PE_2005_13JUN_04_EW	0.25 0	134.77	JP_2011_Tohoku_58_EW	0.25 0	702.92
	15	JP_2011_Miyagi_02_NS	0.74 4	653.61	JP_2008_Iwate_02_EW	0.25 7	1371.66	JP_2016_Kumamoto_02_EW	1.38 8	3000.85	PE_2011_24AGO_05_EW	0.32 5	88.35	PE_2005_13JUN_04_NS	0.25 0	140.58	JP_2021_Fukushima_06_NS	0.25 0	265.79
	16	JP_2011_Fukushima_01_EW	1.22 3	679.82	JP_2011_Miyagi_15_NS	1.02 5	1413.68	JP_2018_Hokkaido_06_NS	1.55 4	6835.13	MX_1985_Guerrero_N90W	0.25 0	89.17	JP_2001_Geiyo_02_NS	0.25 0	148.96	PE_2001_23JUN_NS	0.25 0	1263.09
	17	PE_2005_13JUN_03_EW	2.18 8	683.99	JP_2021_Fukushima_06_NS	1.15 7	1445.16	PE_2001_23JUN_EW	2.27 6	11697.96	PE_2015_24NOV_05_EW	4.00 0	89.45	MX_1985_Guerrero_N00W	0.25 0	152.07	PE_2005_13JUN_04_NS	0.25 0	140.58
	18	JP_2005_Miyagi_01_EW	0.73 9	697.98	JP_2011_Tohoku_07_EW	0.76 8	1503.24	US_1989_Loma_Prieta_06_0	1.85 0	14265.64	PE_2011_24AGO_06_EW	0.25 8	90.63	PE_2005_13JUN_05_EW	0.25 0	154.99	PE_2011_24AGO_06_EW	0.25 8	90.63
	19	PE_1974_05ENE_01_NS	2.46 5	742.68	US_1992_Petrolia_Aftershock_03_90	1.21 2	1530.12	US_1989_Loma_Prieta_06_90	2.20 8	14740.10	PE_2011_24AGO_03_NS	0.34 8	91.03	JP_2011_19MAR_02_NS	0.25 0	160.43	PE_2015_24NOV_01_NS	4.00 0	92.67
	20	JP_2016_28DEC_NS	0.88 8	764.45	JP_2011_16AGO_01_NS	1.02 5	1575.45	US_2005_Anza_02_360	1.67 8	1611.79	PE_2011_24AGO_02_NS	0.25 0	91.18	JP_2021_Miyagi_02_EW	0.25 0	166.65	TW_1999_ChiChi_04_360	0.25 0	3854.77
MSE	1	JP_2012_30AGO_NS	0.74 1	3736.61	JP_2011_Miyagi_12_EW	0.93 1	61789.82	CH_2010_Maule_04_Transv	1.12 7	1189514.39	JP_2012_30AGO_NS	0.73 0	3711.99	JP_2012_30AGO_NS	0.73 0	3711.99	CH_2010_Maule_01_Transv	0.35 5	115365.74
	2	JP_2003_Miyagi_06_NS	0.66 8	3806.39	JP_2011_Miyagi_18_EW	0.71 2	67970.45	JP_2004_29NOV_03_NS	1.01 4	1005010.84	JP_2003_Miyagi_06_NS	0.68 5	3714.60	JP_2003_Miyagi_06_NS	0.68 5	3714.60	CH_2010_Maule_06_Transv	0.26 5	96237.46
	3	JP_2005_Miyagi_01_NS	0.78 9	6880.33	JP_2011_16AGO_01_NS	1.02 5	79380.04	JP_2005_Miyagi_02_EW	1.25 8	290675.64	JP_2005_Miyagi_01_NS	0.89 5	4945.27	JP_2005_Miyagi_01_NS	0.89 5	4945.27	JP_2009_Shizuoca_03_NS	0.32 5	75261.16
	4	JP_2011_19MAR_01_EW	0.62 0	7219.20	JP_2011_Miyagi_02_EW	1.15 7	85246.20	JP_2007_Noto_02_NS	1.76 1	1156297.35	JP_2003_Miyagi_04_NS	0.59 5	5640.07	JP_2003_Miyagi_04_NS	0.59 5	5640.07	JP_2011_Miyagi_15_EW	0.31 0	90615.42
	5	JP_2003_Miyagi_06_EW	0.45 7	7454.98	JP_2021_Fukushima_03_NS	0.69 9	92998.62	JP_2009_Shizuoca_01_NS	1.76 3	1669694.71	JP_2003_Miyagi_08_EW	0.41 5	6480.00	JP_2011_19MAR_01_EW	0.58 8	6847.75	JP_2011_Miyagi_16_EW	0.34 8	89607.92
	6	JP_1996_Nagano_NS	0.71 9	8742.49	JP_2011_Fukushima_03_EW	1.00 4	109883.63	JP_2011_Miyagi_09_EW	2.13 8	1616110.13	JP_2011_19MAR_01_EW	0.58 8	6847.75	JP_2003_Miyagi_06_EW	0.43 8	7189.06	JP_2011_Miyagi_17_NS	0.25 0	104643.80
	7	CH_2015_Coquimbo_01_EW	0.68 0	9567.26	JP_2011_16AGO_02_EW	1.33 0	122089.45	JP_2011_Miyagi_17_NS	1.09 1	991326.82	JP_2003_Miyagi_06_EW	0.43 8	7189.06	JP_1996_Nagano_NS	0.75 3	8465.65	JP_2011_Tohoku_13_NS	0.25 0	98422.69
	8	JP_2005_Miyagi_01_EW	0.73 9	10582.29	JP_2011_19MAR_02_NS	1.42 9	124864.58	JP_2011_Tohoku_17_EW	1.09 6	1089832.39	JP_2011_16AGO_02_NS	0.68 5	8224.39	CH_2015_Coquimbo_01_NS	0.55 0	8629.89	JP_2011_Tohoku_17_NS	0.25 0	115513.36
	9	JP_2003_Miyagi_08_NS	0.45 0	12086.96	JP_2011_Tohoku_27_NS	0.70 0	124968.39	JP_2011_Tohoku_21_NS	1.00 3	2786447.52	JP_1996_Nagano_NS	0.75 3	8465.65	JP_2011_Miyagi_12_NS	0.56 5	8634.02	JP_2011_Tohoku_21_NS	0.25 0	205601.24
	10	JP_2003_Miyagi_08_EW	0.49 8	12179.92	JP_2011_Miyagi_03_NS	0.57 3	127589.77	JP_2011_Tohoku_32_EW	1.68 4	882339.83	CH_2015_Coquimbo_01_NS	0.55 0	8629.89	CH_2015_Coquimbo_01_EW	0.64 0	9113.86	JP_2011_Tohoku_37_NS	0.25 0	97478.50
	11	JP_2011_16AGO_02_NS	0.80 3	12475.86	JP_2011_16APR_02_NS	0.57 6	129236.49	JP_2011_Tohoku_37_EW	1.43 6	2074833.72	JP_2011_Miyagi_12_NS	0.56 5	8634.02	JP_2005_Miyagi_01_EW	0.79 0	10050.86	JP_2011_Tohoku_38_NS	0.28 8	106891.25
	12	JP_2016_28DEC_EW	0.65 8	13082.78	JP_2011_Miyagi_14_EW	1.18 1	131484.30	JP_2011_Tohoku_53_EW	0.73 1	1895851.01	CH_2015_Coquimbo_01_EW	0.64 0	9113.86	JP_2016_28DEC_EW	0.64 0	12997.33	JP_2011_Tohoku_54_NS	0.25 0	88396.76
	13	JP_2003_Miyagi_04_NS	0.74 4	14125.51	JP_2011_16APR_03_NS	0.71 5	131501.98	JP_2011_Tohoku_56_EW	0.89 9	2363280.82	JP_2003_Miyagi_08_NS	0.40 0	10021.36	JP_2003_Miyagi_07_NS	0.30 3	13601.60	JP_2011_Tohoku_58_NS	0.37 8	73296.31
	14	PE_2005_13JUN_03_EW	2.18 8	18572.47	JP_2011_Tohoku_08_NS	0.74 5	138719.34	JP_2011_Tohoku_58_EW	2.05 2	1299303.58	JP_2005_Miyagi_01_EW	0.79 6	10050.86	JP_2003_Miyagi_02_NS	0.46 8	14276.10	PE_2001_23JUN_NS	0.41 5	108190.54
	15	JP_2011_16APR_03_EW	0.74 0	19248.17	JP_2003_Miyagi_02_EW	0.89 2	140262.33	JP_2016_Kumamoto_02_EW	1.38 8	618483.59	JP_2016_28DEC_EW	0.64 3	12997.33	JP_1997_13MAY_NS	0.30 3	16042.55	PE_2011_24AGO_03_NS	4.00 0	124666.80
	16	JP_2003_Miyagi_09_EW	0.45 3	20367.35	JP_2011_Miyagi_18_NS	0.85 6	157361.72	JP_2018_Hokkaido_06_NS	1.55 4	494683.76	JP_2003_Miyagi_07_NS	0.30 3	13601.60	PE_1974_05ENE_02_NS	3.78 8	16164.23	PE_2011_24AGO_06_EW	4.00 0	124178.91
	17	JP_2011_Miyagi_12_NS	0.74 1	21644.02	JP_2000_Tottori_01_NS	0.69 6	168136.48	PE_2001_23JUN_EW	2.27 6	1007586.47	JP_2003_Miyagi_02_NS	0.46 8	14276.10	JP_2011_Tohoku_52_NS	0.55 0	17160.58	PE_2015_24NOV_01_NS	4.00 0	147944.03
	18	JP_1997_13MAY_NS	0.37 2	22819.86	JP_2011_Tohoku_22_NS	0.83 1	175157.62	US_1989_Loma_Prieta_06_0	1.85 0	839511.84	PE_2005_13JUN_03_EW	1.87 9	15295.52	JP_2003_Miyagi_09_EW	0.39 3	17664.28	TW_1999_ChiChi_04_360	0.25 0	116902.69
	19	CH_2015_Coquimbo_01_NS	0.73 4	23844.83	JP_2011_Tohoku_08_EW	0.68 6	178793.00	US_1989_Loma_Prieta_06_90	2.20 8	902190.57	JP_1997_13MAY_NS	0.30 3	16042.55	JP_2000_Tottori_03_EW	0.81 3	17815.45	TW_1999_ChiChi_07_360	0.25 0	121534.24
	20	JP_2008_Iwate_04_EW	0.47 2	24581.57	JP_2011_Tohoku_07_EW	0.76 8	182830.21	US_2005_Anza_02_360	1.67 8	565936.76	PE_1974_05ENE_02_NS	3.78 8	16164.23	JP_2011_Miyagi_12_EW	0.58 8	18041.64	US_1992_Big_Bear_270	0.31 0	87542.95
RMS E	1	JP_2012_30AGO_NS	0.74 1	61.13	JP_2011_Miyagi_12_EW	0.93 1	248.58	CH_2010_Maule_04_Transv	1.12 7	1090.65	JP_2012_30AGO_NS	0.73 0	60.93	JP_2012_30AGO_NS	0.73 0	60.93	CH_2010_Maule_01_Transv	0.35 5	339.66
	2	JP_2003_Miyagi_06_NS	0.66 8	61.70	JP_2011_Miyagi_18_EW	0.71 2	260.71	JP_2004_29NOV_03_NS	1.01 4	1002.50	JP_2003_Miyagi_06_NS	0.68 5	60.95	JP_2003_Miyagi_06_NS	0.68 5	60.95	CH_2010_Maule_06_Transv	0.26 5	310.22
	3	JP_2005_Miyagi_01_NS	0.78 9	82.95	JP_2011_16AGO_01_NS	1.02 5	281.74	JP_2005_Miyagi_02_EW	1.25 8	539.14	JP_2005_Miyagi_01_NS	0.89 5	70.32	JP_2005_Miyagi_01_NS	0.89 5	70.32	JP_2009_Shizuoca_03_NS	0.32 5	274.34
	4	JP_2011_19MAR_01_EW	0.62 0	84.97	JP_2011_Miyagi_02_EW	1.15 7	291.97	JP_2007_Noto_02_NS	1.76 1	1075.31	JP_2003_Miyagi_04_NS	0.59 5	75.10	JP_2003_Miyagi_04_NS	0.59 5	75.10	JP_2011_Miyagi_15_EW	0.31 0	301.02
	5	JP_2003_Miyagi_06_EW	0.45 7	86.34	JP_2021_Fukushima_03_NS	0.69 9	304.96	JP_2009_Shizuoca_01_NS	1.76 3	1292.17	JP_2003_Miyagi_08_EW	0.41 5	80.50	JP_2011_19MAR_01_EW	0.58 8	82.75	JP_2011_Miyagi_16_EW	0.34 8	299.35
	6	JP_1996_Nagano_NS	0.71 9	93.50	JP_2011_Fukushima_03_EW	1.00 4	331.49	JP_2011_Miyagi_09_EW	2.13 8	1271.26	JP_2011_19MAR_01_EW	0.58 8	82.75	JP_2003_Miyagi_06_EW	0.43 8	84.79	JP_2011_Miyagi_17_NS	0.25 0	323.49
	7	CH_2015_Coquimbo_01_EW	0.68 0	97.81	JP_2011_16AGO_02_EW	1.33 0	349.41	JP_2011_Miyagi_17_NS	1.09 1	995.65	JP_2003_Miyagi_06_EW	0.43 8	84.79	JP_1996_Nagano_NS	0.75 3	92.01	JP_2011_Tohoku_13_NS	0.25 0	313.72

	8	JP_2005_Miyagi_01_EW	0.73 9	102.87	JP_2011_19MAR_02_NS	1.42 9	353.36	JP_2011_Tohoku_17_EW	1.09 6	1043.95	JP_2011_16AGO_02_NS	0.68 5	90.69	CH_2015_Coquimbo_01_NS	0.55 0	92.90	JP_2011_Tohoku_17_NS	0.25 0	339.87
	9	JP_2003_Miyagi_08_NS	0.45 0	109.94	JP_2011_Tohoku_27_NS	0.70 0	353.51	JP_2011_Tohoku_21_NS	1.00 3	1669.27	JP_1996_Nagano_NS	0.75 3	92.01	JP_2011_Miyagi_12_NS	0.56 5	92.92	JP_2011_Tohoku_21_NS	0.25 0	453.43
	10	JP_2003_Miyagi_08_EW	0.49 8	110.36	JP_2011_Miyagi_03_NS	0.57 3	357.20	JP_2011_Tohoku_32_EW	1.68 4	939.33	CH_2015_Coquimbo_01_NS	0.55 0	92.90	CH_2015_Coquimbo_01_EW	0.64 0	95.47	JP_2011_Tohoku_37_NS	0.25 0	312.22
	11	JP_2011_16AGO_02_NS	0.80 3	111.70	JP_2011_16APR_02_NS	0.57 6	359.49	JP_2011_Tohoku_37_EW	1.43 6	1440.43	JP_2011_Miyagi_12_NS	0.56 5	92.92	JP_2005_Miyagi_01_EW	0.79 0	100.25	JP_2011_Tohoku_38_NS	0.28 8	326.94
	12	JP_2016_28DEC_EW	0.65 8	114.38	JP_2011_Miyagi_14_EW	1.18 1	362.61	JP_2011_Tohoku_53_EW	0.73 1	1376.90	CH_2015_Coquimbo_01_EW	0.64 0	95.47	JP_2016_28DEC_EW	0.64 0	114.01	JP_2011_Tohoku_54_NS	0.25 0	297.32
	13	JP_2003_Miyagi_04_NS	0.74 4	118.85	JP_2011_16APR_03_NS	0.71 5	362.63	JP_2011_Tohoku_56_EW	0.89 9	1537.30	JP_2003_Miyagi_08_NS	0.40 0	100.11	JP_2003_Miyagi_07_NS	0.30 3	116.63	JP_2011_Tohoku_58_NS	0.37 8	270.73
	14	PE_2005_13JUN_03_EW	2.18 8	136.28	JP_2011_Tohoku_08_NS	0.74 5	372.45	JP_2011_Tohoku_58_EW	2.05 2	1139.87	JP_2005_Miyagi_01_EW	0.79 0	100.25	JP_2003_Miyagi_02_NS	0.46 8	119.48	PE_2001_23JUN_NS	0.41 5	328.92
	15	JP_2011_16APR_03_EW	0.74 0	138.74	JP_2003_Miyagi_02_EW	0.89 2	374.52	JP_2016_Kumamoto_02_EW	1.38 8	786.44	JP_2016_28DEC_EW	0.64 0	114.01	JP_1997_13MAY_NS	0.30 3	126.66	PE_2011_24AGO_03_NS	4.00 0	353.08
	16	JP_2003_Miyagi_09_EW	0.45 3	142.71	JP_2011_Miyagi_18_NS	0.85 6	396.69	JP_2018_Hokkaido_06_NS	1.55 4	703.34	JP_2003_Miyagi_07_NS	0.30 3	116.63	PE_1974_05ENE_02_NS	3.78 8	127.14	PE_2011_24AGO_06_EW	4.00 0	352.39
	17	JP_2011_Miyagi_12_NS	0.74 1	147.12	JP_2000_Tottori_01_NS	0.69 6	410.04	PE_2001_23JUN_EW	2.27 6	1003.79	JP_2003_Miyagi_02_NS	0.46 8	119.48	JP_2011_Tohoku_52_NS	0.55 0	131.00	PE_2015_24NOV_01_NS	4.00 0	384.63
	18	JP_1997_13MAY_NS	0.37 2	151.06	JP_2011_Tohoku_22_NS	0.83 1	418.52	US_1989_Loma_Prieta_06_0	1.85 0	916.25	PE_2005_13JUN_03_EW	1.87 9	123.68	JP_2003_Miyagi_09_EW	0.39 3	132.91	TW_1999_ChiChi_04_360	0.25 0	341.91
	19	CH_2015_Coquimbo_01_NS	0.73 4	154.42	JP_2011_Tohoku_08_EW	0.68 6	422.84	US_1989_Loma_Prieta_06_90	2.20 3	949.84	JP_1997_13MAY_NS	0.30 3	126.66	JP_2000_Tottori_03_EW	0.81 3	133.47	TW_1999_ChiChi_07_360	0.25 0	348.62
	20	JP_2008_Iwate_04_EW	0.47 2	156.79	JP_2011_Tohoku_07_EW	0.76 8	427.59	US_2005_Anza_02_360	1.67 8	752.29	PE_1974_05ENE_02_NS	3.78 8	127.14	JP_2011_Miyagi_12_EW	0.58 8	134.32	US_1992_Big_Bear_270	0.31 0	295.88

REGISTROS SELECCIONADOS CASO Nmr T=0.08s - Tsemc-tr-475																			
Caso:		TSepu-tr-475_NSp_Sbs			TSepu-tr-475_NSp_Sci			TSepu-tr-475_NSp_Ssr			TSepu-tr-475_NSi_Sbs			TSepu-tr-475_NSi_Sci			TSepu-tr-475_NSi_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetsu_05_EW	0.45 5	61.45	CH_2016_GO07_NS	0.97 0	82.47	CH_2010_Maule_04_Long	0.87 5	94.98	PE_1974_03OCT_EW	1.84 8	60.22	PE_1974_03OCT_EW	1.84 8	60.22	JP_2011_Tohoku_15_EW	0.46 8	230.60
	2	CH_2016_GO07_NS	0.97 0	82.47	JP_2011_Tohoku_10_EW	0.43 1	84.29	JP_2001_Geiyō_02_EW	0.63 8	276.59	JP_2004_Chuetsu_05_EW	0.46 0	61.51	JP_2004_Chuetsu_05_EW	0.46 0	61.51	JP_2011_Tohoku_21_NS	0.26 5	187.08
	3	JP_2011_Tohoku_10_EW	0.43 1	84.29	PE_1974_03OCT_EW	1.60 4	84.50	JP_2001_Geiyō_03_EW	0.66 7	239.94	JP_2004_Chuetsu_07_EW	0.64 8	62.44	JP_2004_Chuetsu_07_EW	0.64 8	62.44	JP_2011_Tohoku_56_EW	0.27 3	208.10
	4	PE_1974_03OCT_EW	1.60 4	84.50	CH_2010_Maule_03_Trans	0.79 1	85.72	JP_2003_Hokkaido_12_EW	1.57 8	320.52	PE_2010_05MAY_01_EW	3.78 8	64.13	PE_2010_05MAY_01_EW	3.78 8	64.13	JP_2016_Kumamoto_06_EW	0.73 0	116.63
	5	CH_2010_Maule_03_Trans	0.79 1	85.72	JP_2003_Hokkaido_06_NS	0.98 7	92.99	JP_2003_Miyagi_05_NS	0.33 5	306.80	JP_2003_Hokkaido_06_NS	0.88 0	72.91	JP_2003_Hokkaido_06_NS	0.88 0	72.91	JP_2016_Kumamoto_08_NS	0.49 0	292.87
	6	JP_2003_Hokkaido_06_NS	0.98 7	92.99	CH_2010_Maule_04_Long	0.87 5	94.98	JP_2003_Miyagi_09_EW	0.27 1	364.62	JP_2011_Tohoku_55_EW	0.94 0	74.36	JP_2011_Tohoku_55_EW	0.94 0	74.36	PE_2005_25SET_01_EW	4.00 0	484.10
	7	CH_2010_Maule_04_Long	0.87 5	94.98	TW_1999_ChiChi_10_90	0.54 2	95.59	JP_2011_16APR_01_NS	0.94 6	305.28	CH_2016_GO07_NS	1.03 0	78.28	CH_2016_GO07_NS	1.03 0	78.28	PE_2007_PINSO_05_EW	4.00 0	493.41
	8	TW_1999_ChiChi_10_90	0.54 2	95.59	US_1994_Northridge_01_90	1.19 5	97.60	JP_2011_Tohoku_02_NS	0.27 4	251.51	PE_2005_25SET_02_EW	3.06 1	78.69	PE_2005_25SET_02_EW	3.06 1	78.69	PE_2011_24AGO_02_EW	4.00 0	505.48
	9	US_1994_Northridge_01_90	1.19 5	97.60	JP_2011_Tohoku_10_NS	0.60 6	101.18	JP_2011_Tohoku_09_NS	0.98 4	133.00	JP_2011_Tohoku_50_NS	0.64 8	79.54	JP_2011_Tohoku_50_NS	0.64 8	79.54	PE_2011_24AGO_02_NS	4.00 0	503.44
	10	PE_2010_05MAY_01_EW	3.15 7	97.94	JP_2004_Chuetsu_07_NS	0.69 2	108.24	JP_2011_Tohoku_18_EW	0.81 3	212.37	US_1994_Northridge_01_90	1.33 3	79.69	US_1994_Northridge_01_90	1.33 3	79.69	PE_2011_24AGO_03_EW	4.00 0	508.03
	11	JP_2011_Tohoku_10_NS	0.60 6	101.18	US_1992_Petrolia_Aftershock_02_360	1.11 3	111.11	JP_2011_Tohoku_21_NS	0.60 0	383.51	CH_2010_Maule_04_Long	0.78 3	80.26	CH_2010_Maule_04_Long	0.78 3	80.26	PE_2011_24AGO_03_NS	4.00 0	505.71
	12	JP_2011_Tohoku_19_EW	0.81 8	105.76	US_1986_North_Palm_Springs_0	1.10 5	112.14	JP_2011_Tohoku_34_NS	0.27 5	258.00	TW_1999_ChiChi_10_90	0.49 0	80.38	TW_1999_ChiChi_10_90	0.49 0	80.38	PE_2011_24AGO_04_NS	4.00 0	427.80
	13	JP_2004_Chuetsu_07_NS	0.69 2	108.24	CH_2016_GO07_EW	1.36 1	113.62	JP_2011_Tohoku_57_EW	0.70 7	260.76	US_1989_Loma_Prieta_06_0	0.96 3	80.87	US_1989_Loma_Prieta_06_0	0.96 3	80.87	PE_2011_24AGO_05_EW	4.00 0	505.06
	14	US_2005_Anza_01_360	2.54 5	108.92	JP_2009_Shizuoka_02_EW	1.08 3	113.88	JP_2011_Tohoku_58_NS	0.77 7	192.26	JP_2004_Chuetsu_07_NS	0.79 8	83.74	JP_2004_Chuetsu_07_NS	0.79 8	83.74	PE_2011_24AGO_06_EW	4.00 0	506.19
	15	US_1992_Petrolia_Aftershock_02_360	1.11 3	111.11	PE_2010_05MAY_02_EW	2.66 4	114.03	JP_2011_Tohoku_60_EW	0.69 9	257.52	JP_2011_Tohoku_10_EW	0.43 8	84.16	JP_2011_Tohoku_10_EW	0.43 8	84.16	PE_2015_24NOV_01_NS	4.00 0	536.62
	16	US_1986_North_Palm_Springs_0	1.10 5	112.14	US_1989_Loma_Prieta_06_0	1.10 6	114.43	PE_2005_13JUN_06_NS	2.90 3	176.56	JP_2011_Tohoku_10_NS	0.54 3	84.35	JP_2011_Tohoku_10_NS	0.54 3	84.35	PE_2015_24NOV_03_NS	4.00 0	534.63
	17	CH_2016_GO07_EW	1.36 1	113.62	JP_2000_Tottori_05_NS	0.51 4	114.95	PE_2007_PINSO_02_NS	3.95 4	242.40	CH_2014_Iquique_02_EW	2.60 6	85.15	CH_2014_Iquique_02_EW	2.60 6	85.15	PE_2015_24NOV_04_EW	4.00 0	520.23
	18	JP_2009_Shizuoka_02_EW	1.08 3	113.88	JP_2011_Tohoku_50_NS	0.75 5	115.24	PE_2010_05MAY_01_EW	3.15 7	97.94	CH_2010_Maule_03_Trans	0.76 8	85.54	CH_2010_Maule_03_Trans	0.76 8	85.54	PE_2015_24NOV_05_EW	4.00 0	533.50
	19	PE_2010_05MAY_02_EW	2.66 4	114.03	JP_2011_Tohoku_19_NS	0.72 4	115.96	TW_1999_ChiChi_09_360	0.55 2	195.87	JP_2011_Miyagi_17_NS	0.52 0	87.59	JP_2011_Miyagi_17_NS	0.52 0	87.59	PE_2015_24NOV_05_NS	4.00 0	533.96
	20	US_1989_Loma_Prieta_06_0	1.10 6	114.43	JP_2004_Chuetsu_07_EW	0.52 5	116.75	TW_1999_ChiChi_09_90	0.94 0	125.03	JP_2011_Miyagi_11_EW	0.44 5	89.86	JP_2011_Miyagi_11_EW	0.44 5	89.86	TW_1999_ChiChi_07_360	0.58 0	220.65

MAP E	1	JP_2011_Tohoku_19_EW	0.81 8	16.24	CH_2010_Maule_03_Trans	0.79 1	16.87	CH_2010_Maule_04_Long	0.87 5	21.33	PE_2010_05MAY_01_EW	3.87 9	12.24	PE_2010_05MAY_01_EW	3.87 9	12.24	JP_2003_Hokkaido_03_EW	0.50 5	22.77
	2	CH_2010_Maule_03_Trans	0.79 1	16.87	JP_2003_Hokkaido_06_NS	0.98 7	18.14	JP_2001_Geiyu_02_EW	0.63 8	55.22	JP_2004_Chuetzu_07_EW	0.67 8	14.24	JP_2004_Chuetzu_07_EW	0.67 8	14.24	JP_2011_Tohoku_15_EW	0.49 8	40.42
	3	JP_2003_Hokkaido_06_NS	0.98 7	18.14	TW_1999_ChiChi_10_90	0.54 2	18.60	JP_2001_Geiyu_03_EW	0.66 7	52.93	JP_2011_Tohoku_55_EW	0.95 5	14.25	JP_2011_Tohoku_55_EW	0.95 5	14.25	JP_2011_Tohoku_21_NS	0.26 5	37.74
	4	TW_1999_ChiChi_10_90	0.54 2	18.60	CH_2016_GO07_NS	0.97 0	18.69	JP_2003_Hokkaido_12_EW	1.57 8	53.15	CH_2014_Iquique_02_EW	2.66 7	14.72	CH_2014_Iquique_02_EW	2.66 7	14.72	PE_2005_25SET_01_EW	4.00 0	91.17
	5	CH_2016_GO07_NS	0.97 0	18.69	JP_2011_Tohoku_10_NS	0.60 6	19.09	JP_2003_Miyagi_05_NS	0.33 5	64.47	PE_1974_03OCT_EW	1.87 9	15.09	PE_1974_03OCT_EW	1.87 9	15.09	PE_2007_PINSO_05_EW	4.00 0	91.53
	6	JP_2011_Tohoku_10_NS	0.60 6	19.09	US_1986_North_Palm_Springs_0	1.10 5	19.20	JP_2003_Miyagi_09_EW	0.27 1	73.09	JP_2003_Hokkaido_06_NS	0.88 8	15.66	JP_2003_Hokkaido_06_NS	0.88 8	15.66	PE_2011_24AGO_02_EW	4.00 0	93.72
	7	US_1986_North_Palm_Springs_0	1.10 5	19.20	CH_2016_GO07_EW	1.36 1	19.95	JP_2011_16APR_01_NS	0.94 6	61.17	JP_2011_Tohoku_09_EW	0.71 5	15.70	JP_2011_Tohoku_09_EW	0.71 5	15.70	PE_2011_24AGO_02_NS	4.00 0	93.67
	8	CH_2016_GO07_EW	1.36 1	19.95	JP_2011_Tohoku_19_NS	0.72 4	20.21	JP_2011_Tohoku_02_NS	0.27 4	53.04	US_1989_Loma_Prieta_06_0	0.85 8	16.05	US_1989_Loma_Prieta_06_0	0.85 8	16.05	PE_2011_24AGO_03_EW	4.00 0	94.72
	9	JP_2011_Tohoku_19_NS	0.72 4	20.21	PE_1974_03OCT_EW	1.60 4	20.41	JP_2011_Tohoku_09_NS	0.98 4	28.05	JP_2011_Tohoku_19_EW	0.80 5	16.08	JP_2011_Tohoku_19_EW	0.80 5	16.08	PE_2011_24AGO_03_NS	4.00 0	94.44
	10	PE_2010_05MAY_01_EW	3.15 7	20.30	US_1994_Northridge_01_90	1.19 5	20.47	JP_2011_Tohoku_18_EW	0.81 3	38.16	JP_2011_Tohoku_50_NS	0.65 5	16.15	JP_2011_Tohoku_50_NS	0.65 5	16.15	PE_2011_24AGO_04_NS	4.00 0	81.65
	11	PE_1974_03OCT_EW	1.60 4	20.41	JP_2011_Tohoku_10_EW	0.43 1	20.67	JP_2011_Tohoku_21_NS	0.60 0	65.73	JP_2011_Tohoku_55_NS	0.70 8	16.41	JP_2011_Tohoku_55_NS	0.70 8	16.41	PE_2011_24AGO_05_EW	4.00 0	94.28
	12	US_1994_Northridge_01_90	1.19 5	20.47	JP_2011_Tohoku_55_EW	1.12 1	21.04	JP_2011_Tohoku_34_NS	0.27 5	52.46	US_1994_Northridge_01_90	1.39 4	16.49	US_1994_Northridge_01_90	1.39 4	16.49	PE_2011_24AGO_05_NS	4.00 0	94.12
	13	JP_2011_Tohoku_10_EW	0.43 1	20.67	CH_2010_Maule_04_Long	0.87 5	21.33	JP_2011_Tohoku_57_EW	0.70 7	58.30	CH_2010_Maule_03_Trans	0.72 3	16.59	CH_2010_Maule_03_Trans	0.72 3	16.59	PE_2011_24AGO_06_EW	4.00 0	94.58
	14	JP_2011_Tohoku_55_EW	1.12 1	21.04	JP_2011_Tohoku_50_NS	0.75 5	21.36	JP_2011_Tohoku_58_NS	0.77 7	43.12	JP_2004_Chuetzu_07_NS	0.86 5	16.65	JP_2004_Chuetzu_07_NS	0.86 5	16.65	PE_2015_24NOV_01_NS	4.00 0	99.71
	15	JP_2016_Kumamoto_05_EW	1.04 5	21.32	JP_2009_Shizuoka_02_EW	1.08 3	21.94	JP_2011_Tohoku_60_EW	0.69 9	53.13	TW_1999_ChiChi_10_90	0.50 5	17.60	TW_1999_ChiChi_10_90	0.50 5	17.60	PE_2015_24NOV_03_NS	4.00 0	99.42
	16	CH_2010_Maule_04_Long	0.87 5	21.33	JP_2011_Tohoku_32_EW	1.00 7	22.63	PE_2005_13JUN_06_NS	2.90 3	34.66	JP_2011_Tohoku_10_NS	0.55 0	17.62	JP_2011_Tohoku_10_NS	0.55 0	17.62	PE_2015_24NOV_04_EW	4.00 0	97.03
	17	JP_2011_Tohoku_50_NS	0.75 5	21.36	JP_2004_Chuetzu_07_NS	0.69 2	22.85	PE_2007_PINSO_02_NS	3.95 4	46.72	US_1986_North_Palm_Springs_0	0.99 3	17.72	US_1986_North_Palm_Springs_0	0.99 3	17.72	PE_2015_24NOV_05_EW	4.00 0	99.24
	18	JP_2009_Shizuoka_02_EW	1.08 3	21.94	US_1992_Petrolia_Aftershock_02_360	1.11 3	22.87	PE_2010_05MAY_01_EW	3.15 7	20.30	CH_2016_GO07_NS	1.03 0	18.03	CH_2016_GO07_NS	1.03 0	18.03	PE_2015_24NOV_05_NS	4.00 0	99.28
	19	JP_2011_Tohoku_32_NS	0.91 3	22.17	JP_2003_Hokkaido_14_NS	1.10 6	22.89	TW_1999_ChiChi_09_360	0.55 2	40.75	PE_2005_25SET_02_EW	2.97 0	18.04	PE_2005_25SET_02_EW	2.97 0	18.04	TW_1999_ChiChi_04_360	0.55 0	40.09
	20	JP_2011_Tohoku_32_EW	1.00 7	22.63	JP_2011_Tohoku_55_NS	0.86 8	23.26	TW_1999_ChiChi_09_90	0.94 0	24.11	JP_2011_Tohoku_38_EW	0.80 5	18.26	JP_2011_Tohoku_38_EW	0.80 5	18.26	TW_1999_ChiChi_07_360	0.52 0	38.99
MSE	1	JP_2004_Chuetzu_05_EW	0.45 5	7191.78	PE_1974_03OCT_EW	1.60 4	9434.64	CH_2010_Maule_04_Long	0.87 5	14922.19	PE_1974_03OCT_EW	1.81 8	5233.85	PE_1974_03OCT_EW	1.81 8	5233.85	JP_2011_Miyagi_09_EW	0.74 5	86861.20
	2	PE_1974_03OCT_EW	1.60 4	9434.64	CH_2016_GO07_NS	0.97 0	10896.80	JP_2001_Geiyu_02_EW	0.63 8	104911.37	JP_2004_Chuetzu_05_EW	0.45 3	7198.03	JP_2004_Chuetzu_07_EW	0.63 3	7821.92	JP_2011_Tohoku_15_EW	0.51 3	82741.35
	3	CH_2016_GO07_NS	0.97 0	10896.80	JP_2011_Tohoku_10_EW	0.43 1	11690.70	JP_2001_Geiyu_03_EW	0.66 7	85140.21	JP_2004_Chuetzu_07_EW	0.63 3	7821.92	PE_2010_05MAY_01_EW	3.69 7	8540.94	JP_2011_Tohoku_21_NS	0.30 3	50475.38
	4	JP_2011_Tohoku_10_EW	0.43 1	11690.70	CH_2010_Maule_03_Trans	0.79 1	12042.84	JP_2003_Hokkaido_12_EW	1.57 8	238962.49	PE_2010_05MAY_01_EW	3.69 7	8540.94	TW_1999_ChiChi_10_90	0.46 8	9475.63	JP_2011_Tohoku_37_EW	0.49 8	37025.52
	5	CH_2010_Maule_03_Trans	0.79 1	12042.84	US_1994_Northridge_01_90	1.19 5	14758.86	JP_2003_Miyagi_05_NS	0.33 5	116054.26	TW_1999_ChiChi_10_90	0.46 8	9475.63	JP_2003_Hokkaido_06_NS	0.85 0	9763.74	JP_2016_Kumamoto_06_EW	0.73 8	23695.03
	6	US_1994_Northridge_01_90	1.19 5	14758.86	CH_2010_Maule_04_Long	0.87 5	14922.19	JP_2003_Miyagi_09_EW	0.27 1	159801.55	JP_2003_Hokkaido_06_NS	0.85 0	9763.74	CH_2010_Maule_04_Long	0.77 5	9872.50	JP_2018_Hokkaido_03_NS	0.47 5	56491.21
	7	CH_2010_Maule_04_Long	0.87 5	14922.19	JP_2004_Chuetzu_07_NS	0.69 2	15379.71	JP_2011_16APR_01_NS	0.94 6	173051.03	CH_2010_Maule_04_Long	0.77 5	9872.50	JP_2004_Chuetzu_07_NS	0.79 0	10151.58	PE_2005_25SET_01_EW	4.00 0	270380.50
	8	JP_2004_Chuetzu_07_NS	0.69 2	15379.71	JP_2004_Chuetzu_07_EW	0.52 3	16831.33	JP_2011_Tohoku_02_NS	0.27 4	83223.64	JP_2004_Chuetzu_07_NS	0.79 0	10151.58	JP_2011_Tohoku_55_EW	0.88 8	10401.88	PE_2007_PINSO_05_EW	4.00 0	281997.69
	9	PE_2010_05MAY_01_EW	3.15 7	15673.28	TW_1999_ChiChi_10_90	0.54 2	16838.05	JP_2011_Tohoku_09_NS	0.98 4	32399.40	JP_2011_Tohoku_55_EW	0.88 0	10401.88	US_1989_Loma_Prieta_06_0	0.94 0	10573.79	PE_2011_24AGO_02_EW	4.00 0	296836.94
	10	US_2005_Anza_01_360	2.54 5	16174.05	JP_2003_Hokkaido_06_NS	0.98 7	18486.62	JP_2011_Tohoku_18_EW	0.81 3	91420.40	US_1989_Loma_Prieta_06_0	0.94 0	10573.79	CH_2016_GO07_NS	1.00 0	10621.59	PE_2011_24AGO_02_NS	4.00 0	293399.98
	11	JP_2004_Chuetzu_07_EW	0.52 5	16831.33	PE_2010_05MAY_02_NS	2.72 4	19244.74	JP_2011_Tohoku_21_NS	0.60 0	338941.82	CH_2016_GO07_NS	1.00 0	10621.59	JP_2011_Tohoku_10_NS	0.50 5	10903.22	PE_2011_24AGO_03_EW	4.00 0	297802.47
	12	TW_1999_ChiChi_10_90	0.54 2	16838.05	JP_2004_14DEC_EW	0.32 5	19345.93	JP_2011_Tohoku_34_NS	0.27 5	91663.67	JP_2011_Tohoku_10_NS	0.50 5	10903.22	US_1994_Northridge_01_90	1.33 3	11346.53	PE_2011_24AGO_03_NS	4.00 0	295052.04
	13	JP_2003_Hokkaido_06_NS	0.98 2	18486.62	US_1991_Petrolia_90	0.73 8	19347.20	JP_2011_Tohoku_57_EW	0.70 7	88846.94	US_1994_Northridge_01_90	1.33 3	11346.53	CH_2010_Maule_03_Trans	0.76 0	11439.30	PE_2011_24AGO_04_NS	4.00 0	208759.87
	14	PE_2010_05MAY_02_NS	2.72 4	19244.74	PE_1974_03OCT_NS	1.97 7	19751.33	JP_2011_Tohoku_58_NS	0.77 7	55140.66	CH_2010_Maule_03_Trans	0.76 0	11439.30	JP_2011_Tohoku_10_EW	0.43 8	11581.06	PE_2011_24AGO_05_EW	4.00 0	294734.17
	15	JP_2004_14DEC_EW	0.32 5	19345.93	JP_2000_Tottori_05_NS	0.51 4	19815.01	JP_2011_Tohoku_60_EW	0.69 9	103982.33	JP_2011_Tohoku_10_EW	0.43 8	11581.06	PE_2005_25SET_02_EW	3.00 0	11770.36	PE_2011_24AGO_06_EW	4.00 0	294630.07
	16	US_1991_Petrolia_90	0.73 8	19347.20	US_1989_Loma_Prieta_06_0	1.10 6	20635.98	PE_2005_13JUN_06_NS	2.90 3	43281.80	PE_2005_25SET_02_EW	3.00 0	11770.36	CH_2014_Iquique_02_EW	2.42 4	12102.82	PE_2015_24NOV_01_NS	4.00 0	334007.96
	17	PE_1974_03OCT_NS	1.97 7	19751.33	PE_2010_05MAY_02_EW	2.66 4	21230.84	PE_2007_PINSO_02_NS	3.95 4	72883.92	CH_2014_Iquique_02_EW	2.42 4	12102.82	JP_2011_Tohoku_44_NS	0.43 0	12231.98	PE_2015_24NOV_03_NS	4.00 0	331197.90
	18	JP_2000_Tottori_05_NS	0.51 4	19815.01	JP_2011_Tohoku_59_EW	0.86 8	21404.44	PE_2010_05MAY_01_EW	3.15 7	15673.28	JP_2011_Tohoku_44_NS	0.43 0	12231.98	JP_2011_Miyagi_16_EW	0.81 3	12249.22	PE_2015_24NOV_04_EW	4.00 0	312850.99
	19	US_1989_Loma_Prieta_06_0	1.10 6	20635.98	JP_2011_Tohoku_50_NS	0.75 5	21489.73	TW_1999_ChiChi_09_360	0.55 2	60888.97	JP_2011_Miyagi_16_EW	0.81 3	12249.22	TW_1999_ChiChi_08_90	0.60 3	12493.71	PE_2015_24NOV_05_EW	4.00 0	329740.82

	20	PE_2010_05MAY_02_EW	2.664	21230.84	US_1992_Petrolia_Aftershock_02_360	1.113	21585.73	TW_1999_ChiChi_09_90	0.940	30666.44	TW_1999_ChiChi_08_90	0.603	12493.71	JP_2011_Tohoku_50_NS	0.648	12660.53	PE_2015_24NOV_05_NS	4.000	330467.33
RMS E	1	JP_2004_Chuetsu_05_EW	0.455	84.80	PE_1974_03OCT_EW	1.604	97.13	CH_2010_Maule_04_Long	0.875	122.16	PE_1974_03OCT_EW	1.818	72.35	PE_1974_03OCT_EW	1.818	72.35	JP_2011_Miyagi_09_EW	0.745	294.72
	2	PE_1974_03OCT_EW	1.604	97.13	CH_2016_GO07_NS	0.970	104.39	JP_2001_Geiyu_02_EW	0.638	323.90	JP_2004_Chuetsu_05_EW	0.453	84.84	JP_2004_Chuetsu_07_EW	0.633	88.44	JP_2011_Tohoku_15_EW	0.513	287.65
	3	CH_2016_GO07_NS	0.970	104.39	JP_2011_Tohoku_10_EW	0.431	108.12	JP_2001_Geiyu_03_EW	0.667	291.79	JP_2004_Chuetsu_07_EW	0.633	88.44	PE_2010_05MAY_01_EW	3.697	92.42	JP_2011_Tohoku_21_NS	0.303	224.67
	4	JP_2011_Tohoku_10_EW	0.431	108.12	CH_2010_Maule_03_Trans	0.791	109.74	JP_2003_Hokkaido_12_EW	1.578	488.84	PE_2010_05MAY_01_EW	3.697	92.42	TW_1999_ChiChi_10_90	0.468	97.34	JP_2011_Tohoku_37_EW	0.498	192.42
	5	CH_2010_Maule_03_Trans	0.791	109.74	US_1994_Northridge_01_90	1.195	121.49	JP_2003_Miyagi_05_NS	0.335	340.67	TW_1999_ChiChi_10_90	0.468	97.34	JP_2003_Hokkaido_06_NS	0.850	98.81	JP_2016_Kumamoto_06_EW	0.738	153.93
	6	US_1994_Northridge_01_90	1.195	121.49	CH_2010_Maule_04_Long	0.875	122.16	JP_2003_Miyagi_09_EW	0.271	399.75	JP_2003_Hokkaido_06_NS	0.850	98.81	CH_2010_Maule_04_Long	0.775	99.36	JP_2018_Hokkaido_03_NS	0.475	237.68
	7	CH_2010_Maule_04_Long	0.875	122.16	JP_2004_Chuetsu_07_NS	0.692	124.01	JP_2011_16APR_01_NS	0.946	415.99	CH_2010_Maule_04_Long	0.775	99.36	JP_2004_Chuetsu_07_NS	0.790	100.76	PE_2005_25SET_01_EW	4.000	519.98
	8	JP_2004_Chuetsu_07_NS	0.692	124.01	JP_2004_Chuetsu_07_EW	0.525	129.74	JP_2011_Tohoku_02_NS	0.274	288.49	JP_2004_Chuetsu_07_NS	0.790	100.76	JP_2011_Tohoku_55_EW	0.880	101.99	PE_2007_PINSO_05_EW	4.000	531.03
	9	PE_2010_05MAY_01_EW	3.157	125.19	TW_1999_ChiChi_10_90	0.542	129.76	JP_2011_Tohoku_09_NS	0.984	180.00	JP_2011_Tohoku_55_EW	0.880	101.99	US_1989_Loma_Prieta_06_0	0.940	102.83	PE_2011_24AGO_02_EW	4.000	544.83
	10	US_2005_Anza_01_360	2.545	127.18	JP_2003_Hokkaido_06_NS	0.987	135.97	JP_2011_Tohoku_18_EW	0.813	302.36	US_1989_Loma_Prieta_06_0	0.940	102.83	CH_2016_GO07_NS	1.000	103.06	PE_2011_24AGO_02_NS	4.000	541.66
	11	JP_2004_Chuetsu_07_EW	0.525	129.74	PE_2010_05MAY_02_NS	2.724	138.73	JP_2011_Tohoku_21_NS	0.600	582.19	CH_2016_GO07_NS	1.000	103.06	JP_2011_Tohoku_10_NS	0.505	104.42	PE_2011_24AGO_03_EW	4.000	545.71
	12	TW_1999_ChiChi_10_90	0.542	129.76	JP_2004_14DEC_EW	0.325	139.09	JP_2011_Tohoku_34_NS	0.275	302.76	JP_2011_Tohoku_10_NS	0.505	104.42	US_1994_Northridge_01_90	1.333	106.52	PE_2011_24AGO_03_NS	4.000	543.19
	13	JP_2003_Hokkaido_06_NS	0.987	135.97	US_1991_Petrolia_90	0.738	139.09	JP_2011_Tohoku_57_EW	0.707	298.07	US_1994_Northridge_01_90	1.333	106.52	CH_2010_Maule_03_Trans	0.760	106.95	PE_2011_24AGO_04_NS	4.000	456.90
	14	PE_2010_05MAY_02_NS	2.724	138.73	PE_1974_03OCT_NS	1.977	140.54	JP_2011_Tohoku_58_NS	0.777	234.82	CH_2010_Maule_03_Trans	0.760	106.95	JP_2011_Tohoku_10_EW	0.438	107.62	PE_2011_24AGO_05_EW	4.000	542.89
	15	JP_2004_14DEC_EW	0.325	139.09	JP_2000_Tottori_05_NS	0.514	140.77	JP_2011_Tohoku_60_EW	0.699	322.46	JP_2011_Tohoku_10_EW	0.438	107.62	PE_2005_25SET_02_EW	3.000	108.49	PE_2011_24AGO_06_EW	4.000	542.80
	16	US_1991_Petrolia_90	0.738	139.09	US_1989_Loma_Prieta_06_0	1.106	143.65	PE_2005_13JUN_06_NS	2.903	208.04	PE_2005_25SET_02_EW	3.000	108.49	CH_2014_Iquique_02_EW	2.424	110.01	PE_2015_24NOV_01_NS	4.000	577.93
	17	PE_1974_03OCT_NS	1.977	140.54	PE_2010_05MAY_02_EW	2.664	145.71	PE_2007_PINSO_02_NS	3.954	269.97	CH_2014_Iquique_02_EW	2.424	110.01	JP_2011_Tohoku_44_NS	0.430	110.60	PE_2015_24NOV_03_NS	4.000	575.50
	18	JP_2000_Tottori_05_NS	0.514	140.77	JP_2011_Tohoku_59_EW	0.868	146.30	PE_2010_05MAY_01_EW	3.157	125.19	JP_2011_Tohoku_44_NS	0.430	110.60	JP_2011_Miyagi_16_EW	0.813	110.68	PE_2015_24NOV_04_EW	4.000	559.33
	19	US_1989_Loma_Prieta_06_0	1.106	143.65	JP_2011_Tohoku_50_NS	0.755	146.59	TW_1999_ChiChi_09_360	0.552	246.76	JP_2011_Miyagi_16_EW	0.813	110.68	TW_1999_ChiChi_08_90	0.603	111.78	PE_2015_24NOV_05_EW	4.000	574.23
	20	PE_2010_05MAY_02_EW	2.664	145.71	US_1992_Petrolia_Aftershock_02_360	1.113	146.92	TW_1999_ChiChi_09_90	0.940	175.12	TW_1999_ChiChi_08_90	0.603	111.78	JP_2011_Tohoku_50_NS	0.648	112.52	PE_2015_24NOV_05_NS	4.000	574.86

REGISTROS SELECCIONADOS CASO Nmr T=0.08s - TSepu-tr-975																			
Caso:		TSepu-tr-975_NSp_Sbs			TSepu-tr-975_NSp_Sci			TSepu-tr-975_NSp_Ssr			TSepu-tr-975_NSi_Sbs			TSepu-tr-975_NSi_Sci			TSepu-tr-975_NSi_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetsu_05_EW	0.584	81.02	PE_1974_03OCT_EW	2.056	98.50	JP_2003_Hokkaido_13_EW	1.214	237.82	PE_1974_03OCT_EW	2.333	71.49	PE_1974_03OCT_EW	2.333	71.49	JP_2011_Tohoku_15_EW	0.588	291.48
	2	PE_1974_03OCT_EW	2.056	98.50	JP_2011_Tohoku_10_EW	0.553	105.96	JP_2004_29NOV_03_NS	0.778	360.28	JP_2004_Chuetsu_07_EW	0.820	74.57	JP_2004_Chuetsu_07_EW	0.820	74.57	PE_2005_25SET_01_EW	4.000	628.74
	3	JP_2011_Tohoku_10_EW	0.553	105.96	CH_2016_GO07_NS	1.244	107.39	JP_2009_Shizuoca_01_NS	1.352	378.34	JP_2004_Chuetsu_05_EW	0.580	80.48	JP_2004_Chuetsu_05_EW	0.580	80.48	PE_2005_25SET_01_NS	4.000	639.29
	4	CH_2016_GO07_NS	1.244	107.39	CH_2010_Maule_03_Trans	1.013	110.14	JP_2011_12APR_EW	1.319	264.58	JP_2011_Tohoku_55_EW	1.212	89.79	JP_2011_Tohoku_55_EW	1.212	89.79	PE_2007_PINSO_05_EW	4.000	638.05
	5	CH_2010_Maule_03_Trans	1.013	110.14	TW_1999_ChiChi_10_90	0.694	117.87	JP_2011_16APR_01_NS	1.212	389.62	CH_2010_Maule_04_Long	0.985	93.49	CH_2010_Maule_04_Long	0.985	93.49	PE_2011_24AGO_01_EW	4.000	653.52
	6	TW_1999_ChiChi_10_90	0.694	117.87	CH_2010_Maule_04_Long	1.122	118.68	JP_2011_Miyagi_01_NS	0.736	218.39	JP_2004_Chuetsu_07_NS	1.030	93.77	JP_2004_Chuetsu_07_NS	1.030	93.77	PE_2011_24AGO_01_NS	4.000	654.42
	7	CH_2010_Maule_04_Long	1.122	118.68	US_1994_Northridge_01_90	1.532	121.37	JP_2011_Miyagi_04_EW	0.770	222.90	JP_2003_Hokkaido_06_NS	1.121	95.90	JP_2003_Hokkaido_06_NS	1.121	95.90	PE_2011_24AGO_02_EW	4.000	650.12
	8	US_1994_Northridge_01_90	1.532	121.37	JP_2003_Hokkaido_06_NS	1.265	123.04	JP_2011_Miyagi_09_NS	1.120	301.63	TW_1999_ChiChi_10_90	0.640	101.89	TW_1999_ChiChi_10_90	0.640	101.89	PE_2011_24AGO_02_NS	4.000	648.08
	9	JP_2003_Hokkaido_06_NS	1.265	123.04	JP_2004_Chuetsu_07_NS	0.887	128.67	JP_2011_Tohoku_10_EW	0.553	105.96	PE_2005_25SET_02_EW	3.788	102.10	PE_2005_25SET_02_EW	3.788	102.10	PE_2011_24AGO_03_EW	4.000	652.67
	10	JP_2004_Chuetsu_07_NS	0.887	128.67	JP_2011_Tohoku_10_NS	0.777	134.75	JP_2011_Tohoku_21_EW	0.462	404.45	JP_2011_Tohoku_50_NS	0.805	103.24	JP_2011_Tohoku_50_NS	0.805	103.24	PE_2011_24AGO_03_NS	4.000	650.36
	11	US_2005_Anza_01_360	3.263	132.19	JP_2004_Chuetsu_07_EW	0.673	141.17	JP_2011_Tohoku_21_NS	0.769	497.43	US_1994_Northridge_01_90	1.697	103.92	US_1994_Northridge_01_90	1.697	103.92	PE_2011_24AGO_04_NS	4.000	572.44
	12	JP_2011_Tohoku_10_NS	0.777	134.75	PE_2010_05MAY_02_EW	3.415	141.85	JP_2011_Tohoku_23_EW	1.773	490.03	JP_2011_Tohoku_10_NS	0.663	104.28	JP_2011_Tohoku_10_NS	0.663	104.28	PE_2011_24AGO_05_EW	4.000	649.70

	13	JP_2011_Tohoku_19_EW	1.048	140.45	JP_2000_Tottori_05_NS	0.659	142.88	JP_2011_Tohoku_53_EW	0.561	339.94	JP_2011_Tohoku_10_EW	0.558	106.06	JP_2011_Tohoku_10_EW	0.558	106.06	PE_2011_24AGO_05_NS	4.000	648.73
	14	JP_2004_Chuetstu_07_EW	0.673	141.17	JP_2011_Tohoku_59_EW	1.113	143.29	JP_2011_Tohoku_60_EW	0.896	333.15	CH_2016_GO07_NS	1.273	106.13	CH_2016_GO07_NS	1.273	106.13	PE_2011_24AGO_06_EW	4.000	650.83
	15	PE_2010_05MAY_02_EW	3.415	141.85	JP_2009_Shizuoca_02_EW	1.389	143.31	JP_2016_Kumamoto_01_NS	0.605	208.02	CH_2014_Iquique_02_EW	3.242	106.25	CH_2014_Iquique_02_EW	3.242	106.25	PE_2011_24AGO_06_NS	4.000	649.04
	16	JP_2000_Tottori_05_NS	0.659	142.88	JP_2004_14DEC_EW	0.417	144.66	JP_2016_Kumamoto_05_NS	0.847	287.88	CH_2010_Maule_03_Trans	0.985	108.82	CH_2010_Maule_03_Trans	0.985	108.82	PE_2015_24NOV_01_NS	4.000	681.27
	17	JP_2011_Tohoku_59_EW	1.113	143.29	US_1992_Petrolia_Aftershock_02_360	1.426	144.99	JP_2016_Kumamoto_06_EW	1.632	437.21	JP_2011_Miyagi_17_NS	0.655	108.94	JP_2011_Miyagi_17_NS	0.655	108.94	PE_2015_24NOV_03_NS	4.000	679.27
	18	JP_2009_Shizuoca_02_EW	1.389	143.31	PE_2010_05MAY_02_NS	3.492	145.73	TW_1999_ChiChi_07_360	1.485	396.91	TW_1999_ChiChi_08_90	0.775	110.03	TW_1999_ChiChi_08_90	0.775	110.03	PE_2015_24NOV_04_EW	4.000	664.87
	19	JP_2004_14DEC_EW	0.417	144.66	CH_2016_GO07_EW	1.744	146.58	TW_1999_ChiChi_09_360	0.708	239.97	JP_2011_Tohoku_32_NS	1.000	111.69	JP_2011_Tohoku_32_NS	1.000	111.69	PE_2015_24NOV_05_EW	4.000	678.14
	20	US_1992_Petrolia_Aftershock_02_360	1.426	144.99	PE_1974_03OCT_NS	2.534	148.18	US_2005_Anza_02_360	1.287	296.07	US_1989_Loma_Prieta_06_0	1.182	114.77	US_1989_Loma_Prieta_06_0	1.182	114.77	PE_2015_24NOV_05_NS	4.000	678.61
	21																		
MAP E	1	JP_2011_Tohoku_19_EW	1.048	16.86	CH_2010_Maule_03_Trans	1.013	17.39	JP_2003_Hokkaido_13_EW	1.214	33.04	JP_2011_Tohoku_55_EW	1.212	13.06	JP_2011_Tohoku_55_EW	1.212	13.06	PE_2005_25SET_01_EW	4.000	93.02
	2	CH_2010_Maule_03_Trans	1.013	17.39	TW_1999_ChiChi_10_90	0.694	18.21	JP_2004_29NOV_03_NS	0.778	55.22	JP_2004_Chuetstu_07_EW	0.843	13.36	JP_2004_Chuetstu_07_EW	0.843	13.36	PE_2005_25SET_01_NS	4.000	94.26
	3	TW_1999_ChiChi_10_90	0.694	18.21	JP_2003_Hokkaido_06_NS	1.265	18.92	JP_2009_Shizuoca_01_NS	1.352	55.58	PE_1974_03OCT_EW	2.394	14.27	PE_1974_03OCT_EW	2.394	14.27	PE_2007_PINSO_05_EW	4.000	93.32
	4	JP_2003_Hokkaido_06_NS	1.265	18.92	CH_2016_GO07_NS	1.244	18.98	JP_2011_12APR_EW	1.319	42.44	CH_2014_Iquique_02_EW	3.364	14.31	CH_2014_Iquique_02_EW	3.364	14.31	PE_2011_24AGO_01_EW	4.000	95.94
	5	CH_2016_GO07_NS	1.244	18.98	PE_1974_03OCT_EW	2.056	19.07	JP_2011_16APR_01_NS	1.212	61.29	JP_2004_Chuetstu_07_NS	1.061	15.16	JP_2004_Chuetstu_07_NS	1.061	15.16	PE_2011_24AGO_01_NS	4.000	96.14
	6	PE_1974_03OCT_EW	2.056	19.07	US_1994_Northridge_01_90	1.532	19.82	JP_2011_Miyagi_01_NS	0.736	37.08	JP_2003_Hokkaido_06_NS	1.121	15.94	JP_2003_Hokkaido_06_NS	1.121	15.94	PE_2011_24AGO_02_EW	4.000	95.05
	7	US_1994_Northridge_01_90	1.532	19.82	JP_2011_Tohoku_10_NS	0.777	20.09	JP_2011_Miyagi_04_EW	0.770	40.56	JP_2011_Tohoku_55_NS	0.903	16.36	JP_2011_Tohoku_55_NS	0.903	16.36	PE_2011_24AGO_02_NS	4.000	95.02
	8	JP_2011_Tohoku_10_NS	0.777	20.09	US_1986_North_Palm_Springs_0	1.416	20.27	JP_2011_Miyagi_09_NS	1.120	50.17	JP_2011_Tohoku_09_EW	0.918	16.42	JP_2011_Tohoku_09_EW	0.918	16.42	PE_2011_24AGO_03_EW	4.000	95.85
	9	US_1986_North_Palm_Springs_0	1.416	20.27	JP_2011_Tohoku_10_EW	0.553	20.34	JP_2011_Tohoku_10_EW	0.553	20.34	JP_2011_Tohoku_50_NS	0.805	16.61	JP_2011_Tohoku_50_NS	0.805	16.61	PE_2011_24AGO_03_NS	4.000	95.62
	10	JP_2011_Tohoku_10_EW	0.553	20.34	JP_2011_Tohoku_19_NS	0.928	20.39	JP_2011_Tohoku_21_EW	0.462	52.10	JP_2011_Tohoku_19_EW	1.030	16.65	JP_2011_Tohoku_19_EW	1.030	16.65	PE_2011_24AGO_04_NS	4.000	85.53
	11	JP_2011_Tohoku_19_NS	0.928	20.39	CH_2016_GO07_EW	1.744	20.59	JP_2011_Tohoku_21_NS	0.769	67.29	US_1989_Loma_Prieta_06_0	1.061	16.74	US_1989_Loma_Prieta_06_0	1.061	16.74	PE_2011_24AGO_05_EW	4.000	95.48
	12	CH_2016_GO07_EW	1.744	20.59	CH_2010_Maule_04_Long	1.122	20.90	JP_2011_Tohoku_23_EW	1.773	64.60	US_1994_Northridge_01_90	1.727	16.79	US_1994_Northridge_01_90	1.727	16.79	PE_2011_24AGO_05_NS	4.000	95.36
	13	CH_2010_Maule_04_Long	1.122	20.90	JP_2004_Chuetstu_07_NS	0.887	21.63	JP_2011_Tohoku_53_EW	0.561	48.40	CH_2010_Maule_03_Trans	0.918	16.90	CH_2010_Maule_03_Trans	0.918	16.90	PE_2011_24AGO_06_EW	4.000	95.74
	14	JP_2004_Chuetstu_07_NS	0.887	21.63	JP_2011_Tohoku_55_EW	1.437	21.85	JP_2011_Tohoku_60_EW	0.896	54.05	TW_1999_ChiChi_10_90	0.655	17.39	TW_1999_ChiChi_10_90	0.655	17.39	PE_2011_24AGO_06_NS	4.000	95.51
	15	JP_2016_Kumamoto_05_EW	1.339	21.81	JP_2011_Tohoku_22_EW	0.896	22.05	JP_2016_Kumamoto_01_NS	0.605	29.50	US_1986_North_Palm_Springs_0	1.212	17.70	US_1986_North_Palm_Springs_0	1.212	17.70	PE_2015_24NOV_01_NS	4.000	99.77
	16	JP_2011_Tohoku_55_EW	1.437	21.85	JP_2009_Shizuoca_02_EW	1.389	22.13	JP_2016_Kumamoto_05_NS	0.847	57.20	PE_2005_25SET_02_EW	3.697	17.78	PE_2005_25SET_02_EW	3.697	17.78	PE_2015_24NOV_03_EW	4.000	99.52
	17	JP_2011_Tohoku_22_EW	0.896	22.05	PE_2010_05MAY_02_EW	3.415	22.94	JP_2016_Kumamoto_06_EW	1.632	71.25	JP_2011_Tohoku_10_NS	0.678	17.85	JP_2011_Tohoku_10_NS	0.678	17.85	PE_2015_24NOV_03_NS	4.000	99.54
	18	JP_2009_Shizuoca_02_EW	1.389	22.13	JP_2011_Tohoku_59_EW	1.113	22.98	TW_1999_ChiChi_07_360	1.485	71.90	TW_1999_ChiChi_08_90	0.805	18.16	TW_1999_ChiChi_08_90	0.805	18.16	PE_2015_24NOV_04_EW	4.000	97.65
	19	PE_2010_05MAY_02_EW	3.415	22.94	JP_2003_Hokkaido_14_NS	1.417	23.01	TW_1999_ChiChi_09_360	0.708	39.47	JP_2011_Tohoku_32_NS	1.000	18.30	JP_2011_Tohoku_32_NS	1.000	18.30	PE_2015_24NOV_05_EW	4.000	99.40
	20	JP_2011_Tohoku_59_EW	1.113	22.98	JP_2011_Tohoku_50_NS	0.968	23.19	US_2005_Anza_02_360	1.287	49.97	JP_2011_Miyagi_17_NS	0.670	18.57	JP_2011_Miyagi_17_NS	0.670	18.57	PE_2015_24NOV_05_NS	4.000	99.43
21																			
MSE	1	JP_2004_Chuetstu_05_EW	0.584	12097.67	PE_1974_03OCT_EW	2.056	13385.92	JP_2003_Hokkaido_13_EW	1.214	138938.25	PE_1974_03OCT_EW	2.303	7156.08	PE_1974_03OCT_EW	2.303	7156.08	JP_2011_Tohoku_15_EW	0.655	131318.45
	2	PE_1974_03OCT_EW	2.056	13385.92	CH_2016_GO07_NS	1.244	19292.67	JP_2004_29NOV_03_NS	0.778	203177.77	JP_2004_Chuetstu_07_EW	0.805	11824.46	JP_2004_Chuetstu_07_EW	0.805	11824.46	PE_2005_25SET_01_EW	4.000	459107.64
	3	CH_2016_GO07_NS	1.244	19292.67	JP_2011_Tohoku_10_EW	0.553	19518.05	JP_2009_Shizuoca_01_NS	1.352	305425.26	JP_2004_Chuetstu_05_EW	0.580	12057.69	JP_2004_Chuetstu_05_EW	0.580	12057.69	PE_2005_25SET_01_NS	4.000	475967.77
	4	JP_2011_Tohoku_10_EW	0.553	19518.05	CH_2010_Maule_03_Trans	1.013	20115.49	JP_2011_12APR_EW	1.319	122824.94	JP_2004_Chuetstu_07_NS	1.000	13692.61	JP_2004_Chuetstu_07_NS	1.000	13692.61	PE_2007_PINSO_05_EW	4.000	474895.49
	5	CH_2010_Maule_03_Trans	1.013	20115.49	JP_2004_Chuetstu_07_NS	0.887	21643.30	JP_2011_16APR_01_NS	1.212	289058.43	CH_2010_Maule_04_Long	0.993	13847.65	CH_2010_Maule_04_Long	0.993	13847.65	PE_2011_24AGO_01_EW	4.000	496862.89
	6	JP_2004_Chuetstu_07_NS	0.887	21643.30	CH_2010_Maule_04_Long	1.122	22831.03	JP_2011_Miyagi_01_NS	0.736	88945.71	TW_1999_ChiChi_10_90	0.603	15052.33	TW_1999_ChiChi_10_90	0.603	15052.33	PE_2011_24AGO_01_NS	4.000	498158.38
	7	CH_2010_Maule_04_Long	1.122	22831.03	US_1994_Northridge_01_90	1.532	24780.74	JP_2011_Miyagi_04_EW	0.770	68169.14	JP_2011_Tohoku_55_EW	1.121	16323.26	JP_2011_Tohoku_55_EW	1.121	16323.26	PE_2011_24AGO_02_EW	4.000	494164.84
	8	US_2005_Anza_01_360	3.263	23937.50	JP_2004_Chuetstu_07_EW	0.673	25547.73	JP_2011_Miyagi_09_NS	1.120	161009.64	JP_2003_Hokkaido_06_NS	1.091	17534.02	JP_2003_Hokkaido_06_NS	1.091	17534.02	PE_2011_24AGO_02_NS	4.000	489666.58
	9	US_1994_Northridge_01_90	1.532	24780.74	PE_1974_03OCT_NS	2.534	27949.18	JP_2011_Tohoku_10_EW	0.553	19518.05	JP_2011_Tohoku_10_NS	0.640	18570.68	JP_2011_Tohoku_10_NS	0.640	18570.68	PE_2011_24AGO_03_EW	4.000	495420.42
	10	JP_2004_Chuetstu_07_EW	0.673	25547.73	TW_1999_ChiChi_10_90	0.694	28271.43	JP_2011_Tohoku_21_EW	0.462	397515.06	CH_2010_Maule_03_Trans	0.963	18762.00	CH_2010_Maule_03_Trans	0.963	18762.00	PE_2011_24AGO_03_NS	4.000	491829.41
	11	PE_1974_03OCT_NS	2.534	27949.18	PE_2010_05MAY_02_NS	3.492	28281.99	JP_2011_Tohoku_21_NS	0.769	553193.85	CH_2014_Iquique_02_EW	3.061	18855.98	CH_2014_Iquique_02_EW	3.061	18855.98	PE_2011_24AGO_04_NS	4.000	377614.86
	12																		
	13																		

	1	2	TW_1999_ChiChi_10_90	0.69 4	28271.4 2	JP_2004_14DEC_EW	0.41 7	28945.2 3	JP_2011_Tohoku_23_EW	1.77 3	486767.6 9	CH_2016_GO07_NS	1.27 3	19073.8 0	CH_2016_GO07_NS	1.27 3	19073.8 0	PE_2011_24AGO_05_E W	4.00 0	491518.0 8
	1	3	PE_2010_05MAY_02_NS	3.49 2	28281.9 9	JP_2000_Tottori_05_NS	0.65 9	29586.4 8	JP_2011_Tohoku_53_EW	0.56 1	325273.0 4	PE_2005_25SET_02_EW	3.81 8	19207.7 8	PE_2005_25SET_02_EW	3.81 8	19207.7 8	PE_2011_24AGO_05_N S	4.00 0	490276.9 5
	1	4	JP_2004_14DEC_EW	0.41 7	28945.2 3	US_1991_Petrolia_90	0.94 6	30759.6 8	JP_2011_Tohoku_60_EW	0.89 6	174211.6 7	JP_2011_Tohoku_10_EW	0.55 8	19454.2 9	JP_2011_Tohoku_10_EW	0.55 8	19454.2 9	PE_2011_24AGO_06_E W	4.00 0	491313.3 0
	1	5	JP_2000_Tottori_05_NS	0.65 9	29586.4 8	PE_2010_05MAY_02_EW	3.41 5	32095.2 3	JP_2016_Kumamoto_01_N S	0.60 5	91685.44	JP_2011_Tohoku_44_NS	0.55 0	19495.4 1	JP_2011_Tohoku_44_NS	0.55 0	19495.4 1	PE_2011_24AGO_06_N S	4.00 0	489161.0 5
	1	6	US_1991_Petrolia_90	0.94 6	30759.6 8	JP_2011_Tohoku_59_EW	1.11 3	32910.5 0	JP_2016_Kumamoto_05_N S	0.84 7	223852.7 8	TW_1999_ChiChi_08_90	0.76 8	19547.5 3	TW_1999_ChiChi_08_90	0.76 8	19547.5 3	PE_2015_24NOV_01_N S	4.00 0	541974.6 3
	1	7	PE_2010_05MAY_02_EW	3.41 5	32095.2 3	JP_2003_Hokkaido_06_NS	1.26 5	33328.4 8	JP_2016_Kumamoto_06_E W	1.63 2	312340.5 7	US_1989_Loma_Prieta_06_0	1.18 2	19691.3 2	US_1989_Loma_Prieta_06_0	1.18 2	19691.3 2	PE_2015_24NOV_03_N S	4.00 0	538384.5 9
	1	8	JP_2011_Tohoku_59_EW	1.11 3	32910.5 0	JP_2004_Chuetstu_05_NS	0.39 7	35903.9 6	TW_1999_ChiChi_07_360	1.48 5	333002.8 1	JP_2004_14DEC_EW	0.48 3	19978.3 1	JP_2004_14DEC_EW	0.48 3	19978.3 1	PE_2015_24NOV_04_E W	4.00 0	514837.9 2
	1	9	JP_2003_Hokkaido_06_NS	1.26 5	33328.4 8	PE_1970_31MAY_NS	3.54 4	36311.9 0	TW_1999_ChiChi_09_360	0.70 8	94555.57	US_1994_Northridge_01_90	1.69 7	20075.2 2	US_1994_Northridge_01_90	1.69 7	20075.2 2	PE_2015_24NOV_05_E W	4.00 0	536504.3 9
	2	0	JP_2004_Chuetstu_05_NS	0.39 7	35903.9 6	US_1992_Petrolia_Aftershock_02_3 60	1.42 6	37454.2 9	US_2005_Anza_02_360	1.28 7	125084.1 0	TW_1999_ChiChi_08_360	1.12 1	20110.7 0	TW_1999_ChiChi_08_360	1.12 1	20110.7 0	PE_2015_24NOV_05_N S	4.00 0	537467.1 0
RMS E	1		JP_2004_Chuetstu_05_EW	0.58 4	109.99	PE_1974_03OCT_EW	2.05 6	115.70	JP_2003_Hokkaido_13_EW	1.21 4	372.74	PE_1974_03OCT_EW	2.30 3	84.59	PE_1974_03OCT_EW	2.30 3	84.59	JP_2011_Tohoku_15_E W	0.65 5	362.38
	2		PE_1974_03OCT_EW	2.05 6	115.70	CH_2016_GO07_NS	1.24 4	138.90	JP_2004_29NOV_03_NS	0.77 8	450.75	JP_2004_Chuetstu_07_EW	0.80 5	108.74	JP_2004_Chuetstu_07_EW	0.80 5	108.74	PE_2005_25SET_01_E W	4.00 0	677.57
	3		CH_2016_GO07_NS	1.24 4	138.90	JP_2011_Tohoku_10_EW	0.55 3	139.71	JP_2009_Shizuoca_01_NS	1.35 2	552.65	JP_2004_Chuetstu_05_EW	0.58 0	109.81	JP_2004_Chuetstu_05_EW	0.58 0	109.81	PE_2005_25SET_01_N S	4.00 0	689.90
	4		JP_2011_Tohoku_10_EW	0.55 3	139.71	CH_2010_Maule_03_Trans	1.01 3	141.83	JP_2011_12APR_EW	1.31 9	350.46	JP_2004_Chuetstu_07_NS	1.00 0	117.02	JP_2004_Chuetstu_07_NS	1.00 0	117.02	PE_2007_PINSO_05_E W	4.00 0	689.13
	5		CH_2010_Maule_03_Trans	1.01 3	141.83	JP_2004_Chuetstu_07_NS	0.88 7	147.12	JP_2011_16APR_01_NS	1.21 2	537.64	CH_2010_Maule_04_Long	0.99 3	117.68	CH_2010_Maule_04_Long	0.99 3	117.68	PE_2011_24AGO_01_E W	4.00 0	704.89
	6		JP_2004_Chuetstu_07_NS	0.88 7	147.12	CH_2010_Maule_04_Long	1.12 2	151.10	JP_2011_Miyagi_01_NS	0.73 6	298.24	TW_1999_ChiChi_10_90	0.60 3	122.69	TW_1999_ChiChi_10_90	0.60 3	122.69	PE_2011_24AGO_01_N S	4.00 0	705.80
	7		CH_2010_Maule_04_Long	1.12 2	151.10	US_1994_Northridge_01_90	1.53 2	157.42	JP_2011_Miyagi_04_EW	0.77 0	261.09	JP_2011_Tohoku_55_EW	1.12 1	127.76	JP_2011_Tohoku_55_EW	1.12 1	127.76	PE_2011_24AGO_02_E W	4.00 0	702.97
	8		US_2005_Anza_01_360	3.26 3	154.72	JP_2004_Chuetstu_07_EW	0.67 3	159.84	JP_2011_Miyagi_09_NS	1.12 0	401.26	JP_2003_Hokkaido_06_NS	1.09 1	132.42	JP_2003_Hokkaido_06_NS	1.09 1	132.42	PE_2011_24AGO_02_N S	4.00 0	699.76
	9		US_1994_Northridge_01_90	1.53 2	157.42	PE_1974_03OCT_NS	2.53 4	167.18	JP_2011_Tohoku_10_EW	0.55 3	139.71	JP_2011_Tohoku_10_NS	0.64 0	136.27	JP_2011_Tohoku_10_NS	0.64 0	136.27	PE_2011_24AGO_03_E W	4.00 0	703.86
	1	0	JP_2004_Chuetstu_07_EW	0.67 3	159.84	TW_1999_ChiChi_10_90	0.69 4	168.14	JP_2011_Tohoku_21_EW	0.46 2	630.49	CH_2010_Maule_03_Trans	0.96 3	136.97	CH_2010_Maule_03_Trans	0.96 3	136.97	PE_2011_24AGO_03_N S	4.00 0	701.31
	1	1	PE_1974_03OCT_NS	2.53 4	167.18	PE_2010_05MAY_02_NS	3.49 2	168.17	JP_2011_Tohoku_21_NS	0.76 9	743.77	CH_2014_Iquique_02_EW	3.06 1	137.32	CH_2014_Iquique_02_EW	3.06 1	137.32	PE_2011_24AGO_04_N S	4.00 0	614.50
	1	2	TW_1999_ChiChi_10_90	0.69 4	168.14	JP_2004_14DEC_EW	0.41 7	170.13	JP_2011_Tohoku_23_EW	1.77 3	697.69	CH_2016_GO07_NS	1.27 3	138.11	CH_2016_GO07_NS	1.27 3	138.11	PE_2011_24AGO_05_E W	4.00 0	701.08
	1	3	PE_2010_05MAY_02_NS	3.49 2	168.17	JP_2000_Tottori_05_NS	0.65 9	172.01	JP_2011_Tohoku_53_EW	0.56 1	570.33	PE_2005_25SET_02_EW	3.81 8	138.59	PE_2005_25SET_02_EW	3.81 8	138.59	PE_2011_24AGO_05_N S	4.00 0	700.20
	1	4	JP_2004_14DEC_EW	0.41 7	170.13	US_1991_Petrolia_90	0.94 6	175.38	JP_2011_Tohoku_60_EW	0.89 6	417.39	JP_2011_Tohoku_10_EW	0.55 8	139.48	JP_2011_Tohoku_10_EW	0.55 8	139.48	PE_2011_24AGO_06_E W	4.00 0	700.94
	1	5	JP_2000_Tottori_05_NS	0.65 9	172.01	PE_2010_05MAY_02_EW	3.41 5	179.15	JP_2016_Kumamoto_01_N S	0.60 5	302.80	JP_2011_Tohoku_44_NS	0.55 0	139.63	JP_2011_Tohoku_44_NS	0.55 0	139.63	PE_2011_24AGO_06_N S	4.00 0	699.40
	1	6	US_1991_Petrolia_90	0.94 6	175.38	JP_2011_Tohoku_59_EW	1.11 3	181.41	JP_2016_Kumamoto_05_N S	0.84 7	473.13	TW_1999_ChiChi_08_90	0.76 8	139.81	TW_1999_ChiChi_08_90	0.76 8	139.81	PE_2015_24NOV_01_N S	4.00 0	736.19
	1	7	PE_2010_05MAY_02_EW	3.41 5	179.15	JP_2003_Hokkaido_06_NS	1.26 5	182.56	JP_2016_Kumamoto_06_E W	1.63 2	558.87	US_1989_Loma_Prieta_06_0	1.18 2	140.33	US_1989_Loma_Prieta_06_0	1.18 2	140.33	PE_2015_24NOV_03_N S	4.00 0	733.75
	1	8	JP_2011_Tohoku_59_EW	1.11 3	181.41	JP_2004_Chuetstu_05_NS	0.39 7	189.48	TW_1999_ChiChi_07_360	1.48 5	577.06	JP_2004_14DEC_EW	0.48 3	141.34	JP_2004_14DEC_EW	0.48 3	141.34	PE_2015_24NOV_04_E W	4.00 0	717.52
	1	9	JP_2003_Hokkaido_06_NS	1.26 5	182.56	PE_1970_31MAY_NS	3.54 4	190.56	TW_1999_ChiChi_09_360	0.70 8	307.50	US_1994_Northridge_01_90	1.69 7	141.69	US_1994_Northridge_01_90	1.69 7	141.69	PE_2015_24NOV_05_E W	4.00 0	732.46
	2	0	JP_2004_Chuetstu_05_NS	0.39 7	189.48	US_1992_Petrolia_Aftershock_02_3 60	1.42 6	193.53	US_2005_Anza_02_360	1.28 7	353.67	TW_1999_ChiChi_08_360	1.12 1	141.81	TW_1999_ChiChi_08_360	1.12 1	141.81	PE_2015_24NOV_05_N S	4.00 0	733.12

REGISTROS SELECCIONADOS CASO Nmr T=0.08s - Tsepu-tr-2475																			
Caso:		Tsepu-tr-2475_NSp_Sbs			Tsepu-tr-2475_NSp_Sci			Tsepu-tr-2475_NSp_Ssr			Tsepu-tr-2475_NSr_Sbs			Tsepu-tr-2475_NSr_Sci			Tsepu-tr-2475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetstu_05_EW	0.76 1	104.85	PE_1974_03OCT_EW	2.68 2	123.04	CH_2010_Maule_04_Transv	1.12 7	272.96	PE_1974_03OCT_EW	3.03 0	92.80	PE_1974_03OCT_EW	3.03 0	92.80	PE_2005_25SET_01_E W	4.00 0	824.32
	2	PE_1974_03OCT_EW	2.68 2	123.04	CH_2016_GO07_NS	1.62 2	132.77	JP_2004_29NOV_03_NS	1.01 4	481.74	JP_2004_Chuetstu_05_EW	0.74 5	101.25	JP_2004_Chuetstu_05_EW	0.74 5	101.25	PE_2005_25SET_01_NS	4.00 0	834.87
	3	CH_2016_GO07_NS	1.62 2	132.77	CH_2010_Maule_03_Trans	1.32 2	136.30	JP_2005_Miyagi_02_EW	1.25 8	428.87	JP_2004_Chuetstu_07_EW	1.06 1	104.47	JP_2004_Chuetstu_07_EW	1.06 1	104.47	PE_2007_PINSO_05_E W	4.00 0	833.63
	4	CH_2010_Maule_03_Trans	1.32 2	136.30	JP_2011_Tohoku_10_EW	0.72 1	139.97	JP_2007_Noto_02_NS	1.76 1	325.92	CH_2010_Maule_04_Long	1.27 3	126.78	CH_2010_Maule_04_Long	1.27 3	126.78	PE_2011_24AGO_01_E W	4.00 0	849.10

	5	JP_2011_Tohoku_10_EW	0.72 1	139.97	US_1994_Northridge_01_90	1.99 8	148.09	JP_2009_Shizuoca_01_NS	1.76 3	510.98	JP_2011_Tohoku_55_EW	1.54 5	129.99	JP_2011_Tohoku_55_EW	1.54 5	129.99	PE_2011_24AGO_01_N S	4.00 0	850.00
	6	US_1994_Northridge_01_90	1.99 8	148.09	JP_2004_Chuetstu_07_NS	1.15 7	161.09	JP_2011_Miyagi_09_EW	2.13 8	493.00	JP_2003_Hokkaido_06_NS	1.42 4	130.10	JP_2003_Hokkaido_06_NS	1.42 4	130.10	PE_2011_24AGO_02_E W	4.00 0	845.70
	7	JP_2004_Chuetstu_07_NS	1.15 7	161.09	CH_2010_Maule_04_Long	1.46 3	164.28	JP_2011_Miyagi_17_NS	1.09 1	234.79	JP_2004_Chuetstu_07_NS	1.30 3	130.17	JP_2004_Chuetstu_07_NS	1.30 3	130.17	PE_2011_24AGO_02_N S	4.00 0	843.66
	8	CH_2010_Maule_04_Long	1.46 3	164.28	JP_2003_Hokkaido_06_NS	1.65 0	169.60	JP_2011_Tohoku_17_EW	1.09 6	264.88	CH_2016_GO07_NS	1.66 7	132.35	CH_2016_GO07_NS	1.66 7	132.35	PE_2011_24AGO_03_E W	4.00 0	848.25
	9	JP_2003_Hokkaido_06_NS	1.65 0	169.60	TW_1999_ChiChi_10_90	0.90 6	170.34	JP_2011_Tohoku_21_NS	1.00 3	665.11	US_1994_Northridge_01_90	2.12 1	133.51	US_1994_Northridge_01_90	2.12 1	133.51	PE_2011_24AGO_03_N S	4.00 0	845.94
	10	TW_1999_ChiChi_10_90	0.90 6	170.34	JP_2004_Chuetstu_07_EW	0.87 8	173.78	JP_2011_Tohoku_32_EW	1.68 4	230.42	CH_2010_Maule_03_Trans	1.30 3	134.83	CH_2010_Maule_03_Trans	1.30 3	134.83	PE_2011_24AGO_04_N S	4.00 0	768.02
	11	JP_2004_Chuetstu_07_EW	0.87 8	173.78	US_1991_Petrolia_90	1.23 3	179.52	JP_2011_Tohoku_37_EW	1.43 6	524.67	JP_2011_Tohoku_10_EW	0.73 8	139.09	JP_2011_Tohoku_10_EW	0.73 8	139.09	PE_2011_24AGO_05_E W	4.00 0	845.28
	12	US_1991_Petrolia_90	1.23 3	179.52	US_1992_Petrolia_Aftershock_02_360	1.86 0	179.54	JP_2011_Tohoku_53_EW	0.73 1	454.99	TW_1999_ChiChi_10_90	0.82 0	139.66	TW_1999_ChiChi_10_90	0.82 0	139.66	PE_2011_24AGO_05_N S	4.00 0	844.31
	13	US_1992_Petrolia_Aftershock_02_360	1.86 0	179.54	JP_2011_Tohoku_51_EW	0.78 4	183.10	JP_2011_Tohoku_56_EW	0.89 9	582.52	JP_2011_Miyagi_17_NS	0.86 5	141.69	JP_2011_Miyagi_17_NS	0.86 5	141.69	PE_2011_24AGO_06_E W	4.00 0	846.41
	14	JP_2011_Miyagi_11_EW	0.61 6	181.93	JP_2011_Tohoku_59_EW	1.45 2	183.70	JP_2011_Tohoku_58_EW	2.05 2	330.47	TW_1999_ChiChi_08_90	0.97 8	142.95	TW_1999_ChiChi_08_90	0.97 8	142.95	PE_2011_24AGO_06_N S	4.00 0	844.62
	15	JP_2011_Tohoku_51_EW	0.78 4	183.10	JP_2004_14DEC_EW	0.54 3	184.73	JP_2016_Kumamoto_02_EW	1.38 8	333.21	JP_2011_Tohoku_50_NS	1.03 0	143.26	JP_2011_Tohoku_50_NS	1.03 0	143.26	PE_2015_24NOV_01_N S	4.00 0	876.85
	16	JP_2011_Tohoku_59_EW	1.45 2	183.70	JP_2011_Tohoku_10_NS	1.01 3	190.36	JP_2018_Hokkaido_06_NS	1.55 4	256.77	US_1989_Loma_Prieta_06_0	1.51 5	144.09	US_1989_Loma_Prieta_06_0	1.51 5	144.09	PE_2015_24NOV_03_E W	4.00 0	874.79
	17	JP_2004_14DEC_EW	0.54 3	184.73	CH_2016_GO07_EW	2.27 5	191.90	PE_2001_23JUN_EW	2.27 6	282.18	JP_2011_Miyagi_11_EW	0.71 5	144.37	JP_2011_Miyagi_11_EW	0.71 5	144.37	PE_2015_24NOV_03_N S	4.00 0	874.85
	18	JP_2011_Tohoku_19_EW	1.36 8	186.99	JP_2009_Shizuoca_02_EW	1.81 1	191.92	US_1989_Loma_Prieta_06_0	1.85 0	206.82	JP_2011_Tohoku_09_NS	1.33 3	145.95	JP_2011_Tohoku_09_NS	1.33 3	145.95	PE_2015_24NOV_04_E W	4.00 0	860.45
	19	JP_2016_Kumamoto_05_EW	1.74 7	187.85	JP_2004_Chuetstu_05_NS	0.51 7	193.58	US_1989_Loma_Prieta_06_90	2.20 8	214.20	JP_2011_Tohoku_32_NS	1.33 3	146.73	JP_2011_Tohoku_32_NS	1.33 3	146.73	PE_2015_24NOV_05_E W	4.00 0	873.72
	20	JP_2011_Tohoku_10_NS	1.01 3	190.36	JP_2000_Tottori_05_NS	0.85 9	195.94	US_2005_Anza_02_360	1.67 8	391.88	CH_2014_Iquique_02_EW	4.00 0	147.76	CH_2014_Iquique_02_EW	4.00 0	147.76	PE_2015_24NOV_05_N S	4.00 0	874.19
MAP E	1	CH_2010_Maule_03_Trans	1.32 2	17.27	CH_2010_Maule_03_Trans	1.32 2	17.27	CH_2010_Maule_04_Transv	1.12 7	31.28	JP_2011_Tohoku_55_EW	1.54 5	14.38	JP_2011_Tohoku_55_EW	1.54 5	14.38	PE_2005_25SET_01_E W	4.00 0	94.57
	2	JP_2011_Tohoku_19_EW	1.36 8	17.93	CH_2016_GO07_NS	1.62 2	18.79	JP_2004_29NOV_03_NS	1.01 4	56.79	PE_1974_03OCT_EW	3.09 1	14.44	PE_1974_03OCT_EW	3.09 1	14.44	PE_2005_25SET_01_NS	4.00 0	95.55
	3	CH_2016_GO07_NS	1.62 2	18.79	PE_1974_03OCT_EW	2.68 2	18.98	JP_2005_Miyagi_02_EW	1.25 8	55.42	JP_2004_Chuetstu_07_EW	1.09 1	14.62	JP_2004_Chuetstu_07_EW	1.09 1	14.62	PE_2007_PINSO_05_E W	4.00 0	94.85
	4	PE_1974_03OCT_EW	2.68 2	18.98	US_1994_Northridge_01_90	1.99 8	19.27	JP_2007_Noto_02_NS	1.76 1	46.10	JP_2011_Tohoku_55_NS	1.18 2	16.13	JP_2011_Tohoku_55_NS	1.18 2	16.13	PE_2011_24AGO_01_E W	4.00 0	96.86
	5	US_1994_Northridge_01_90	1.99 8	19.27	JP_2003_Hokkaido_06_NS	1.65 0	19.73	JP_2009_Shizuoca_01_NS	1.76 3	57.99	JP_2004_Chuetstu_07_NS	1.36 4	16.17	JP_2004_Chuetstu_07_NS	1.36 4	16.17	PE_2011_24AGO_01_N S	4.00 0	97.02
	6	JP_2003_Hokkaido_06_NS	1.65 0	19.73	TW_1999_ChiChi_10_90	0.90 6	20.11	JP_2011_Miyagi_09_EW	2.13 8	56.42	US_1989_Loma_Prieta_06_0	1.39 4	16.20	US_1989_Loma_Prieta_06_0	1.39 4	16.20	PE_2011_24AGO_02_E W	4.00 0	96.20
	7	TW_1999_ChiChi_10_90	0.90 6	20.11	JP_2011_Tohoku_10_EW	0.72 1	20.76	JP_2011_Miyagi_17_NS	1.09 1	27.66	JP_2003_Hokkaido_06_NS	1.45 5	16.53	JP_2003_Hokkaido_06_NS	1.45 5	16.53	PE_2011_24AGO_02_N S	4.00 0	96.16
	8	JP_2011_Tohoku_10_EW	0.72 1	20.76	JP_2011_Tohoku_19_NS	1.21 0	21.29	JP_2011_Tohoku_17_EW	1.09 6	37.38	JP_2011_Tohoku_09_EW	1.18 2	16.74	JP_2011_Tohoku_09_EW	1.18 2	16.74	PE_2011_24AGO_03_E W	4.00 0	96.79
	9	JP_2016_Kumamoto_05_EW	1.74 7	21.10	CH_2016_GO07_EW	2.27 5	21.37	JP_2011_Tohoku_21_NS	1.00 3	69.33	US_1994_Northridge_01_90	2.27 3	16.87	US_1994_Northridge_01_90	2.27 3	16.87	PE_2011_24AGO_03_N S	4.00 0	96.61
	10	JP_2011_Tohoku_19_NS	1.21 0	21.29	JP_2004_Chuetstu_07_NS	1.15 7	21.48	JP_2011_Tohoku_32_EW	1.68 4	25.26	CH_2010_Maule_03_Trans	1.24 2	16.90	CH_2010_Maule_03_Trans	1.24 2	16.90	PE_2011_24AGO_04_N S	4.00 0	88.80
	11	CH_2016_GO07_EW	2.27 5	21.37	JP_2011_Tohoku_22_EW	1.16 9	21.60	JP_2011_Tohoku_37_EW	1.43 6	56.40	CH_2014_Iquique_02_EW	4.00 0	16.99	CH_2014_Iquique_02_EW	4.00 0	16.99	PE_2011_24AGO_05_E W	4.00 0	96.50
	12	JP_2004_Chuetstu_07_NS	1.15 7	21.48	CH_2010_Maule_04_Long	1.46 3	21.83	JP_2011_Tohoku_53_EW	0.73 1	50.23	JP_2011_Tohoku_09_NS	1.33 3	17.13	JP_2011_Tohoku_09_NS	1.33 3	17.13	PE_2011_24AGO_05_N S	4.00 0	96.42
	13	JP_2011_Tohoku_22_EW	1.16 9	21.60	JP_2011_Tohoku_10_NS	1.01 3	21.95	JP_2011_Tohoku_56_EW	0.89 9	62.06	JP_2011_Tohoku_19_EW	1.33 3	17.34	JP_2011_Tohoku_19_EW	1.33 3	17.34	PE_2011_24AGO_06_E W	4.00 0	96.70
	14	CH_2010_Maule_04_Long	1.46 3	21.83	US_1986_North_Palm_Springs_0	1.84 7	22.02	JP_2011_Tohoku_58_EW	2.05 2	37.16	JP_2011_Tohoku_50_NS	1.03 0	17.57	JP_2011_Tohoku_50_NS	1.03 0	17.57	PE_2011_24AGO_06_N S	4.00 0	96.53
	15	JP_2011_Tohoku_10_NS	1.01 3	21.95	JP_2011_Tohoku_59_EW	1.45 2	22.58	JP_2016_Kumamoto_02_EW	1.38 8	44.03	JP_2011_Tohoku_32_NS	1.33 3	18.40	JP_2011_Tohoku_32_NS	1.33 3	18.40	PE_2015_24NOV_01_N S	4.00 0	99.82
	16	US_1986_North_Palm_Springs_0	1.84 7	22.02	JP_2009_Shizuoca_02_EW	1.81 1	22.87	JP_2018_Hokkaido_06_NS	1.55 4	30.73	TW_1999_ChiChi_08_90	1.03 0	18.57	TW_1999_ChiChi_08_90	1.03 0	18.57	PE_2015_24NOV_03_E W	4.00 0	99.63
	17	JP_2004_Chuetstu_05_EW	0.76 1	22.11	JP_2011_Tohoku_55_EW	1.87 4	23.19	PE_2001_23JUN_EW	2.27 6	39.47	TW_1999_ChiChi_10_90	0.82 8	18.74	TW_1999_ChiChi_10_90	0.82 8	18.74	PE_2015_24NOV_03_N S	4.00 0	99.64
	18	JP_2011_Tohoku_59_EW	1.45 2	22.58	JP_2011_Tohoku_51_EW	0.78 4	23.28	US_1989_Loma_Prieta_06_0	1.85 0	29.11	CH_2016_GO07_NS	1.66 7	18.75	CH_2016_GO07_NS	1.66 7	18.75	PE_2015_24NOV_04_E W	4.00 0	98.18
	19	JP_2009_Shizuoca_02_EW	1.81 1	22.87	JP_2003_Hokkaido_14_NS	1.84 9	23.40	US_1989_Loma_Prieta_06_90	2.20 8	26.49	JP_2016_Kumamoto_05_EW	2.00 0	18.85	JP_2016_Kumamoto_05_EW	2.00 0	18.85	PE_2015_24NOV_05_E W	4.00 0	99.53
	20	JP_2011_Tohoku_55_EW	1.87 4	23.19	JP_2004_Chuetstu_07_EW	0.87 8	23.68	US_2005_Anza_02_360	1.67 8	50.90	JP_2011_Miyagi_17_NS	0.87 3	18.88	JP_2011_Miyagi_17_NS	0.87 3	18.88	PE_2015_24NOV_05_N S	4.00 0	99.56
MSE	1	JP_2004_Chuetstu_05_EW	0.76 1	19197.47	PE_1974_03OCT_EW	2.68 2	19710.00	CH_2010_Maule_04_Transv	1.12 7	180856.17	PE_1974_03OCT_EW	2.93 9	12628.58	PE_1974_03OCT_EW	2.93 9	12628.58	PE_2005_25SET_01_E W	4.00 0	780942.01
	2	PE_1974_03OCT_EW	2.68 2	19710.00	CH_2016_GO07_NS	1.62 2	29611.03	JP_2004_29NOV_03_NS	1.01 4	369631.37	JP_2004_Chuetstu_05_EW	0.73 8	18528.07	JP_2004_Chuetstu_05_EW	0.73 8	18528.07	PE_2005_25SET_01_NS	4.00 0	802749.96
	3	CH_2016_GO07_NS	1.62 2	29611.03	CH_2010_Maule_03_Trans	1.32 2	33567.03	JP_2005_Miyagi_02_EW	1.25 8	253640.06	JP_2004_Chuetstu_07_EW	1.03 0	20304.45	JP_2004_Chuetstu_07_EW	1.03 0	20304.45	PE_2007_PINSO_05_E W	4.00 0	801787.54

	4	CH 2010 Maule 03 Trans	1.32 2	33567.0 3	JP 2011 Tohoku 10 EW	0.72 1	33884.3 7	JP 2007 Noto 02 NS	1.76 1	193216.4 3	CH 2010 Maule 04 Long	1.27 3	25064.8 9	CH 2010 Maule 04 Long	1.27 3	25064.8 9	PE 2011_24AGO_01_E W	4.00 0	830328.5 9
	5	JP 2011 Tohoku 10 EW	0.72 1	33884.3 7	JP 2004 Chuetsu 07 NS	1.15 7	34790.3 4	JP 2009 Shizuoca 01 NS	1.76 3	553916.2 7	JP 2004 Chuetsu 07 NS	1.30 3	25453.0 6	JP 2004 Chuetsu 07 NS	1.30 3	25453.0 6	PE 2011_24AGO_01_N S	4.00 0	831844.4 4
	6	JP 2004 Chuetsu 07 NS	1.15 7	34790.3 4	US 1994 Northridge 01 90	1.99 8	37191.9 3	JP 2011 Miyagi 09 EW	2.13 8	618664.7 1	TW 1999 ChiChi 10 90	0.76 8	28300.0 8	TW 1999 ChiChi 10 90	0.76 8	28300.0 8	PE 2011_24AGO_02_E W	4.00 0	826556.4 3
	7	US 1994 Northridge 01 90	1.99 8	37191.9 3	JP 2004 Chuetsu 07 EW	0.87 8	38276.2 6	JP 2011 Miyagi 17 NS	1.09 1	93140.09	CH 2010 Maule 03 Trans	1.24 2	29329.7 5	CH 2010 Maule 03 Trans	1.24 2	29329.7 5	PE 2011_24AGO_02_N S	4.00 0	820826.7 9
	8	JP 2004 Chuetsu 07 EW	0.87 8	38276.2 6	US 1991 Petrolia 90	1.23 3	44054.2 0	JP 2011 Tohoku 17 EW	1.09 6	151466.7 4	CH 2016 GO07 NS	1.63 6	29640.5 4	CH 2016 GO07 NS	1.63 6	29640.5 4	PE 2011_24AGO_03_E W	4.00 0	828418.3 5
	9	US 1991 Petrolia 90	1.23 3	44054.2 0	CH 2010 Maule 04 Long	1.46 3	45526.2 9	JP 2011 Tohoku 21 NS	1.00 3	960261.4 8	US_1989_Loma Prieta 06 0	1.51 5	30714.9 2	US_1989_Loma Prieta 06 0	1.51 5	30714.9 2	PE 2011_24AGO_03_N S	4.00 0	823676.9 2
	10	CH 2010 Maule 04 Long	1.46 3	45526.2 9	JP 2004 14DEC EW	0.54 3	47877.1 3	JP 2011 Tohoku 32 EW	1.68 8	126962.2 8	JP 2003 Hokkaido 06 NS	1.36 4	31384.2 0	JP 2003 Hokkaido 06 NS	1.36 4	31384.2 0	PE 2011_24AGO_04_N S	4.00 0	673172.5 6
	11	JP 2004 14DEC EW	0.54 3	47877.1 3	PE 1974 03OCT NS	3.30 6	49995.0 7	JP 2011 Tohoku 37 EW	1.43 6	560381.1 1	US 1994 Northridge 01 90	2.15 2	32059.2 0	US 1994 Northridge 01 90	2.15 2	32059.2 0	PE 2011_24AGO_05_E W	4.00 0	823206.3 8
	12	PE 1974 03OCT NS	3.30 6	49995.0 7	JP 2011 Tohoku 59 EW	1.45 2	53468.0 9	JP 2011 Tohoku 53 EW	0.73 1	582584.1 6	JP 2011 Tohoku 55 EW	1.42 4	32316.1 8	JP 2011 Tohoku 55 EW	1.42 4	32316.1 8	PE 2011_24AGO_05_N S	4.00 0	821412.7 9
	13	JP 2011 Tohoku 59 EW	1.45 2	53468.0 9	JP 2000 Tottori 05 NS	0.85 9	55648.4 9	JP 2011 Tohoku 56 EW	0.89 7	787910.6 7	TW 1999 ChiChi 08 90	0.98 5	32489.0 8	TW 1999 ChiChi 08 90	0.98 5	32489.0 8	PE 2011_24AGO_06_E W	4.00 0	823255.3 8
	14	JP 2000 Tottori 05 NS	0.85 9	55648.4 9	US_1992_Petrolia_Aftershock_02_36 0	1.86 0	56734.8 7	JP 2011 Tohoku 58 EW	2.05 2	216230.4 2	CH 2014 Iquique 02 EW	3.90 9	33251.6 9	CH 2014 Iquique 02 EW	3.90 9	33251.6 9	PE 2011_24AGO_06_N S	4.00 0	820245.7 5
	15	JP 2016 Kumamoto 05 EW	1.74 7	55756.6 3	TW 1999 ChiChi 10 90	0.90 6	57248.9 9	JP_2016_Kumamoto_02_E W	1.38 8	166767.9 9	JP 2011 Tohoku 10 EW	0.71 5	33817.9 6	JP 2011 Tohoku 10 EW	0.71 5	33817.9 6	PE 2015_24NOV_01_N S	4.00 0	888176.1 0
	16	US_1992_Petrolia_Aftershock_02_36 0	1.86 0	56734.8 7	JP 2004 Chuetsu 05 NS	0.51 7	58434.0 0	JP 2018 Hokkaido 06 NS	1.55 4	96288.42	JP 2011 Tohoku 44 NS	0.70 0	34516.8 2	JP 2011 Tohoku 44 NS	0.70 0	34516.8 2	PE 2015_24NOV_03_E W	4.00 0	883684.0 4
	17	TW 1999 ChiChi 10 90	0.90 6	57248.9 9	JP 2011 Tohoku 28 EW	1.05 6	62930.0 5	PE 2001 23JUN EW	2.27 6	159068.2 2	JP 2011 Tohoku 32 NS	1.21 2	34897.5 8	JP 2011 Tohoku 32 NS	1.21 2	34897.5 8	PE 2015_24NOV_03_N S	4.00 0	883591.3 0
	18	JP 1997 13MAY EW	0.57 8	58259.9 3	JP 2011 Tohoku 51 EW	0.78 4	62932.4 1	US 1989 Loma Prieta 06 0	1.85 0	68220.76	JP 2011 Tohoku 10 NS	0.82 0	34903.8 5	JP 2011 Tohoku 10 NS	0.82 0	34903.8 5	PE 2015_24NOV_04_E W	4.00 0	853413.4 1
	19	JP 2004 Chuetsu 05 NS	0.51 7	58434.0 0	JP 2011 Tohoku 22 EW	1.16 9	64043.8 2	US_1989_Loma Prieta 06 90	2.20 8	98454.54	JP 2011 Miyagi 11 EW	0.73 8	35733.0 7	JP 2011 Miyagi 11 EW	0.73 8	35733.0 7	PE 2015_24NOV_05_E W	4.00 0	881197.0 6
	20	JP 2011 Miyagi 11 EW	0.61 6	59093.9 4	JP 2003 Hokkaido 06 NS	1.65 0	65107.2 1	US 2005 Anza 02 360	1.67 8	223441.6 2	TW 1999 ChiChi 08 360	1.45 5	37039.9 4	TW 1999 ChiChi 08 360	1.45 5	37039.9 4	PE 2015_24NOV_05_N S	4.00 0	882426.4 1
RMS E	1	JP 2004 Chuetsu 05 EW	0.76 1	138.55	PE 1974 03OCT EW	2.68 2	140.39	CH 2010 Maule 04 Transv	1.12 7	425.27	PE 1974 03OCT EW	2.93 9	112.38	PE 1974 03OCT EW	2.93 9	112.38	PE 2005_25SET_01_E W	4.00 0	883.71
	2	PE 1974 03OCT EW	2.68 2	140.39	CH 2016 GO07 NS	1.62 2	172.08	JP 2004 29NOV_03 NS	1.01 4	607.97	JP 2004 Chuetsu 05 EW	0.73 8	136.12	JP 2004 Chuetsu 05 EW	0.73 8	136.12	PE 2005_25SET_01 NS	4.00 0	895.96
	3	CH 2016 GO07 NS	1.62 2	172.08	CH 2010 Maule 03 Trans	1.32 2	183.21	JP 2005 Miyagi 02 EW	1.25 8	503.63	JP 2004 Chuetsu 07 EW	1.03 0	142.49	JP 2004 Chuetsu 07 EW	1.03 0	142.49	PE 2007_PINSO_05_E W	4.00 0	895.43
	4	CH 2010 Maule 03 Trans	1.32 2	183.21	JP 2011 Tohoku 10 EW	0.72 1	184.08	JP 2007 Noto 02 NS	1.76 1	439.56	CH 2010 Maule 04 Long	1.27 3	158.32	CH 2010 Maule 04 Long	1.27 3	158.32	PE 2011_24AGO_01_E W	4.00 0	911.22
	5	JP 2011 Tohoku 10 EW	0.72 1	184.08	JP 2004 Chuetsu 07 NS	1.15 7	186.52	JP 2009 Shizuoca 01 NS	1.76 3	744.26	JP 2004 Chuetsu 07 NS	1.30 3	159.54	JP 2004 Chuetsu 07 NS	1.30 3	159.54	PE 2011_24AGO_01_N S	4.00 0	912.06
	6	JP 2004 Chuetsu 07 NS	1.15 7	186.52	US 1994 Northridge 01 90	1.99 8	192.85	JP 2011 Miyagi 09 EW	2.13 8	786.55	TW 1999 ChiChi 10 90	0.76 8	168.23	TW 1999 ChiChi 10 90	0.76 8	168.23	PE 2011_24AGO_02_E W	4.00 0	909.15
	7	US 1994 Northridge 01 90	1.99 8	192.85	JP 2004 Chuetsu 07 EW	0.87 8	195.64	JP 2011 Miyagi 17 NS	1.09 1	305.19	CH 2010 Maule 03 Trans	1.24 2	171.26	CH 2010 Maule 03 Trans	1.24 2	171.26	PE 2011_24AGO_02_N S	4.00 0	905.99
	8	JP 2004 Chuetsu 07 EW	0.87 8	195.64	US 1991 Petrolia 90	1.23 3	209.89	JP 2011 Tohoku 17 EW	1.09 6	389.19	CH 2016 GO07 NS	1.63 6	172.16	CH 2016 GO07 NS	1.63 6	172.16	PE 2011_24AGO_03_E W	4.00 0	910.17
	9	US 1991 Petrolia 90	1.23 3	209.89	CH 2010 Maule 04 Long	1.46 3	213.37	JP 2011 Tohoku 21 NS	1.00 3	979.93	US_1989_Loma Prieta 06 0	1.51 5	175.26	US_1989_Loma Prieta 06 0	1.51 5	175.26	PE 2011_24AGO_03_N S	4.00 0	907.57
	10	CH 2010 Maule 04 Long	1.46 3	213.37	JP 2004 14DEC EW	0.54 3	218.81	JP 2011 Tohoku 32 EW	1.68 4	356.32	JP 2003 Hokkaido 06 NS	1.36 4	177.16	JP 2003 Hokkaido 06 NS	1.36 4	177.16	PE 2011_24AGO_04_N S	4.00 0	820.47
	11	JP 2004 14DEC EW	0.54 3	218.81	PE 1974 03OCT NS	3.30 6	223.60	JP 2011 Tohoku 37 EW	1.43 6	748.59	US 1994 Northridge 01 90	2.15 2	179.05	US 1994 Northridge 01 90	2.15 2	179.05	PE 2011_24AGO_05_E W	4.00 0	907.31
	12	PE 1974 03OCT NS	3.30 6	223.60	JP 2011 Tohoku 59 EW	1.45 2	231.23	JP 2011 Tohoku 53 EW	0.73 1	763.27	JP 2011 Tohoku 55 EW	1.42 4	179.77	JP 2011 Tohoku 55 EW	1.42 4	179.77	PE 2011_24AGO_05_N S	4.00 0	906.32
	13	JP 2011 Tohoku 59 EW	1.45 2	231.23	JP 2000 Tottori 05 NS	0.85 9	235.90	JP 2011 Tohoku 56 EW	0.89 9	887.64	TW 1999 ChiChi 08 90	0.98 5	180.25	TW 1999 ChiChi 08 90	0.98 5	180.25	PE 2011_24AGO_06_E W	4.00 0	907.33
	14	JP 2000 Tottori 05 NS	0.85 9	235.90	US_1992_Petrolia_Aftershock_02_36 0	1.86 0	238.19	JP 2011 Tohoku 58 EW	2.05 2	465.01	CH 2014 Iquique 02 EW	3.90 9	182.35	CH 2014 Iquique 02 EW	3.90 9	182.35	PE 2011_24AGO_06_N S	4.00 0	905.67
	15	JP 2016 Kumamoto 05 EW	1.74 7	236.13	TW 1999 ChiChi 10 90	0.90 6	239.27	JP_2016_Kumamoto_02_E W	1.38 8	408.37	JP 2011 Tohoku 10 EW	0.71 5	183.90	JP 2011 Tohoku 10 EW	0.71 5	183.90	PE 2015_24NOV_01_N S	4.00 0	942.43
	16	US_1992_Petrolia_Aftershock_02_36 0	1.86 0	238.19	JP 2004 Chuetsu 05 NS	0.51 7	241.73	JP 2018 Hokkaido 06 NS	1.55 4	310.30	JP 2011 Tohoku 44 NS	0.70 0	185.79	JP 2011 Tohoku 44 NS	0.70 0	185.79	PE 2015_24NOV_03_E W	4.00 0	940.04
	17	TW 1999 ChiChi 10 90	0.90 6	239.27	JP 2011 Tohoku 28 EW	1.05 6	250.86	PE 2001 23JUN EW	2.27 6	398.83	JP 2011 Tohoku 32 NS	1.21 2	186.81	JP 2011 Tohoku 32 NS	1.21 2	186.81	PE 2015_24NOV_03_N S	4.00 0	940.00
	18	JP 1997 13MAY EW	0.57 8	241.37	JP 2011 Tohoku 51 EW	0.78 4	250.86	US 1989 Loma Prieta 06 0	1.85 0	261.19	JP 2011 Tohoku 10 NS	0.82 0	186.83	JP 2011 Tohoku 10 NS	0.82 0	186.83	PE 2015_24NOV_04_E W	4.00 0	923.80
	19	JP 2004 Chuetsu 05 NS	0.51 7	241.73	JP 2011 Tohoku 22 EW	1.16 9	253.07	US_1989_Loma Prieta 06 90	2.20 8	313.77	JP 2011 Miyagi 11 EW	0.73 8	189.03	JP 2011 Miyagi 11 EW	0.73 8	189.03	PE 2015_24NOV_05_E W	4.00 0	938.72
	20	JP 2011 Miyagi 11 EW	0.61 6	243.09	JP 2003 Hokkaido 06 NS	1.65 0	255.16	US 2005 Anza 02 360	1.67 8	472.70	TW 1999 ChiChi 08 360	1.45 5	192.46	TW 1999 ChiChi 08 360	1.45 5	192.46	PE 2015_24NOV_05_N S	4.00 0	939.38

REGISTROS SELECCIONADOS CASO Nmr T=0.16s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetsu_07_NS	1.30 1	79.43	JP_2004_Chuetsu_07_NS	1.30 1	79.43	CH_2010_Maule_04_Long	1.07 2	111.91	JP_2004_Chuetsu_07_NS	1.18 2	66.20	JP_2004_Chuetsu_07_NS	1.18 2	66.20	JP_2003_Hokkaido_03_NS	0.92 5	116.70
	2	JP_2004_Chuetsu_07_EW	0.88 7	79.47	JP_2004_Chuetsu_07_EW	0.88 7	79.47	JP_2003_Hokkaido_05_EW	1.57 9	141.35	JP_2004_Chuetsu_07_EW	0.92 5	74.45	JP_2004_Chuetsu_07_EW	0.92 5	74.45	JP_2011_Tohoku_50_NS	0.85 8	114.09
	3	PE_1974_03OCT_EW	2.71 1	86.76	PE_1974_03OCT_EW	2.71 1	86.76	JP_2003_Hokkaido_07_NS	1.12 9	180.24	JP_2011_Tohoku_55_EW	1.30 3	79.50	JP_2011_Tohoku_55_EW	1.30 3	79.50	JP_2018_Hokkaido_02_EW	0.97 8	128.60
	4	CH_2014_Iquique_02_EW	3.01 1	103.74	CH_2014_Iquique_02_EW	3.01 1	103.74	JP_2003_Miyagi_01_EW	0.50 4	252.74	PE_1974_03OCT_EW	2.54 5	84.27	PE_1974_03OCT_EW	2.54 5	84.27	JP_2021_Fukushima_07_NS	0.92 5	209.41
	5	JP_2016_Kumamoto_05_EW	1.76 2	107.26	JP_2016_Kumamoto_05_EW	1.76 2	107.26	JP_2004_Chuetsu_06_EW	0.62 0	110.11	CH_2014_Iquique_02_EW	3.45 5	86.22	CH_2014_Iquique_02_EW	3.45 5	86.22	PE_2005_13JUN_06_EW	4.00 0	249.14
	6	JP_2011_Tohoku_01_NS	0.81 9	107.33	JP_2004_Chuetsu_06_EW	0.62 0	110.11	JP_2011_Miyagi_11_EW	0.60 6	130.68	JP_2003_Hokkaido_06_NS	1.21 2	94.07	JP_2003_Hokkaido_06_NS	1.21 2	94.07	PE_2007_PISCO_05_EW	4.00 0	535.52
	7	JP_2004_Chuetsu_06_EW	0.62 0	110.11	JP_2011_Tohoku_32_NS	1.05 2	111.50	JP_2011_Tohoku_13_NS	0.59 9	224.81	JP_2011_Tohoku_01_NS	0.75 3	104.32	JP_2011_Tohoku_01_NS	0.75 3	104.32	PE_2007_PISCO_05_NS	4.00 0	517.83
	8	JP_2011_Tohoku_32_NS	1.05 2	111.50	JP_2011_Tohoku_59_EW	1.29 7	111.50	JP_2011_Tohoku_23_NS	1.31 6	189.13	US_1986_North Palm Springs_0	1.33 3	106.02	US_1986_North Palm Springs_0	1.33 3	106.02	PE_2010_05MAY_01_NS	4.00 0	181.67
	9	JP_2011_Tohoku_59_EW	1.29 7	111.50	CH_2010_Maule_04_Long	1.07 2	111.91	JP_2011_Tohoku_26_EW	1.02 9	172.61	PE_2001_07JUL_02_EW	3.42 4	106.25	PE_2001_07JUL_02_EW	3.42 4	106.25	PE_2011_24AGO_01_NS	4.00 0	551.36
	10	CH_2010_Maule_04_Long	1.07 2	111.91	JP_2011_Tohoku_44_NS	0.68 3	114.00	JP_2011_Tohoku_51_EW	0.93 8	201.08	TW_1999_ChiChi_10_90	0.74 5	106.42	TW_1999_ChiChi_10_90	0.74 5	106.42	PE_2011_24AGO_03_NS	4.00 0	548.79
	11	PE_2001_07JUL_02_EW	3.71 7	111.99	JP_2011_Tohoku_50_NS	0.85 6	114.04	JP_2011_Tohoku_59_EW	1.29 7	111.50	JP_2016_Kumamoto_05_EW	1.75 8	107.14	JP_2016_Kumamoto_05_EW	1.75 8	107.14	PE_2011_24AGO_04_EW	4.00 0	499.92
	12	JP_2011_Tohoku_44_NS	0.68 3	114.00	US_1989_Loma Prieta_06_90	1.36 3	120.50	JP_2016_Kumamoto_01_NS	0.78 0	229.10	TW_1999_ChiChi_08_360	1.21 2	108.08	TW_1999_ChiChi_08_360	1.21 2	108.08	PE_2011_24AGO_07_NS	4.00 0	535.35
	13	JP_2011_Tohoku_50_NS	0.85 6	114.04	CH_2014_PSGCX_EW	2.78 4	121.60	JP_2018_Hokkaido_03_EW	0.72 4	177.27	TW_1999_ChiChi_08_90	0.86 5	108.54	TW_1999_ChiChi_08_90	0.86 5	108.54	PE_2015_24NOV_01_EW	4.00 0	569.88
	14	US_1989_Loma Prieta_06_90	1.36 3	120.50	US_1989_Loma Prieta_03_90	1.11 5	126.29	JP_2021_Fukushima_08_E W	0.80 4	204.73	JP_2004_Chuetsu_06_EW	0.61 8	110.19	JP_2004_Chuetsu_06_EW	0.61 8	110.19	PE_2015_24NOV_01_NS	4.00 0	569.94
	15	CH_2014_PSGCX_EW	2.78 4	121.60	CH_2012_GO05_EW	3.19 7	127.89	PE_2001_23JUN_NS	1.69 6	152.45	JP_2011_Tohoku_44_NS	0.64 8	110.94	JP_2011_Tohoku_44_NS	0.64 8	110.94	PE_2015_24NOV_02_NS	4.00 0	570.36
	16	US_1989_Loma Prieta_03_90	1.11 5	126.29	JP_2004_14DEC_EW	0.52 2	128.59	TW_1999_ChiChi_04_90	1.20 8	197.70	JP_2011_Tohoku_59_EW	1.33 3	111.01	JP_2011_Tohoku_59_EW	1.33 3	111.01	PE_2015_24NOV_04_EW	4.00 0	558.80
	17	CH_2012_GO05_EW	3.19 7	127.89	US_1989_Loma Prieta_05_195	2.50 2	129.31	TW_1999_ChiChi_08_360	1.05 6	133.07	JP_2011_Tohoku_55_NS	0.96 3	111.62	JP_2011_Tohoku_55_NS	0.96 3	111.62	PE_2015_24NOV_04_NS	4.00 0	557.21
	18	JP_2004_14DEC_EW	0.52 2	128.59	JP_2011_Tohoku_10_EW	0.65 8	129.49	US_1989_Loma Prieta_06_0	1.01 5	145.70	CH_2010_Maule_04_Long	1.09 1	111.94	CH_2010_Maule_04_Long	1.09 1	111.94	US_1981_Westmorland_180	1.06 1	189.57
	19	US_1989_Loma Prieta_05_195	2.50 2	129.31	JP_2011_Miyagi_11_EW	0.60 6	130.68	US_1992_Big Bear_270	0.69 1	272.32	JP_2011_Tohoku_32_NS	1.06 1	111.97	JP_2011_Tohoku_32_NS	1.06 1	111.97	US_1981_Westmorland_90	1.21 2	188.34
	20	JP_2011_Tohoku_10_EW	0.65 8	129.49	JP_2018_Hokkaido_02_EW	1.03 5	130.71	US_1994_Northridge_02_90	1.66 3	165.70	JP_2003_Hokkaido_03_EW	0.68 5	112.73	JP_2003_Hokkaido_03_EW	0.68 5	112.73	US_1989_Loma Prieta_04_90	0.91 0	222.54
MAP E	1	JP_2004_Chuetsu_07_NS	1.30 1	15.16	JP_2004_Chuetsu_07_NS	1.30 1	15.16	CH_2010_Maule_04_Long	1.07 2	31.78	JP_2011_Tohoku_55_EW	1.30 3	13.75	JP_2011_Tohoku_55_EW	1.30 3	13.75	JP_2003_Hokkaido_03_NS	0.88 8	20.86
	2	PE_2001_07JUL_02_EW	3.71 7	15.28	JP_2016_Kumamoto_05_EW	1.76 2	19.03	JP_2003_Hokkaido_05_EW	1.57 9	20.92	JP_2004_Chuetsu_07_NS	1.24 2	14.81	JP_2004_Chuetsu_07_NS	1.24 2	14.81	JP_2007_16JUL_EW	0.37 8	51.32
	3	JP_2016_Kumamoto_05_EW	1.76 2	19.03	CH_2014_Iquique_02_EW	3.01 1	19.15	JP_2003_Hokkaido_07_NS	1.12 9	34.69	CH_2014_Iquique_02_EW	3.51 5	15.03	CH_2014_Iquique_02_EW	3.51 5	15.03	JP_2007_16JUL_NS	0.25 0	57.86
	4	CH_2014_Iquique_02_EW	3.01 1	19.15	JP_2011_Tohoku_55_NS	0.80 5	19.21	JP_2003_Miyagi_01_EW	0.50 4	61.08	PE_2001_07JUL_02_EW	3.75 8	15.28	PE_2001_07JUL_02_EW	3.75 8	15.28	PE_1974_09NOV_02_NS	4.00 0	58.56
	5	JP_2011_Tohoku_55_NS	0.80 5	19.21	US_1989_Loma Prieta_05_195	2.50 2	20.16	JP_2004_Chuetsu_06_EW	0.62 0	23.53	JP_2011_Tohoku_09_EW	0.96 3	16.95	JP_2011_Tohoku_09_EW	0.96 3	16.95	PE_2001_07JUL_01_EW	4.00 0	47.23
	6	JP_2011_Tohoku_01_NS	0.81 9	19.36	US_1989_Loma Prieta_06_90	1.36 3	20.83	JP_2011_Miyagi_11_EW	0.60 6	31.29	JP_2016_Kumamoto_05_EW	1.63 6	17.14	JP_2016_Kumamoto_05_EW	1.63 6	17.14	PE_2005_13JUN_05_EW	4.00 0	54.80
	7	US_1989_Loma Prieta_05_195	2.50 2	20.16	JP_2003_Hokkaido_05_EW	1.57 9	20.92	JP_2011_Tohoku_13_NS	0.59 9	52.91	JP_2011_Tohoku_55_NS	0.88 8	17.87	JP_2011_Tohoku_55_NS	0.88 8	17.87	PE_2005_13JUN_06_EW	4.00 0	49.23
	8	US_1989_Loma Prieta_06_90	1.36 3	20.83	JP_2011_Tohoku_59_EW	1.29 7	21.20	JP_2011_Tohoku_23_NS	1.31 6	34.53	JP_2011_Tohoku_22_EW	0.98 5	18.04	JP_2011_Tohoku_22_EW	0.98 5	18.04	PE_2007_PISCO_05_EW	4.00 0	93.20
	9	JP_2003_Hokkaido_05_EW	1.57 9	20.92	JP_2011_Tohoku_09_EW	1.13 7	22.29	JP_2011_Tohoku_26_EW	1.02 9	33.09	US_1994_Northridge_02_360	1.39 4	18.15	US_1994_Northridge_02_360	1.39 4	18.15	PE_2007_PISCO_05_NS	4.00 0	89.82
	10	JP_2011_Tohoku_59_EW	1.29 7	21.20	JP_2004_Chuetsu_07_EW	0.88 7	22.32	JP_2011_Tohoku_51_EW	0.93 8	35.73	TW_1999_ChiChi_01_90	0.55 8	18.40	TW_1999_ChiChi_01_90	0.55 8	18.40	PE_2011_24AGO_07_NS	4.00 0	92.41
	11	JP_2011_Tohoku_09_EW	1.13 7	22.29	PE_1974_03OCT_EW	2.71 1	22.38	JP_2011_Tohoku_59_EW	1.29 7	21.20	JP_2011_Tohoku_01_NS	0.76 0	18.62	JP_2011_Tohoku_01_NS	0.76 0	18.62	PE_2012_14MAY_NS	4.00 0	51.60
	12	JP_2004_Chuetsu_07_EW	0.88 7	22.32	US_1989_Loma Prieta_06_0	1.01 5	22.44	JP_2016_Kumamoto_01_NS	0.78 0	34.99	US_1986_North Palm Springs_0	1.36 4	18.89	US_1986_North Palm Springs_0	1.36 4	18.89	PE_2015_24NOV_01_EW	4.00 0	99.84
	13	PE_1974_03OCT_EW	2.71 1	22.38	US_1989_Loma Prieta_03_90	1.11 5	22.50	JP_2018_Hokkaido_03_EW	0.72 4	37.11	JP_2003_Hokkaido_03_EW	0.68 5	18.96	JP_2003_Hokkaido_03_EW	0.68 5	18.96	PE_2015_24NOV_01_NS	4.00 0	99.84
	14	US_1989_Loma Prieta_06_0	1.01 5	22.44	JP_2004_Chuetsu_06_EW	0.62 0	23.53	JP_2021_Fukushima_08_E W	0.80 4	52.01	JP_2003_Hokkaido_11_NS	0.89 5	19.34	JP_2003_Hokkaido_11_NS	0.89 5	19.34	PE_2015_24NOV_02_NS	4.00 0	99.89
	15	US_1989_Loma Prieta_03_90	1.11 5	22.50	JP_2011_Tohoku_22_NS	0.85 5	23.53	PE_2001_23JUN_NS	1.69 6	25.54	JP_2003_Hokkaido_06_NS	1.21 2	19.77	JP_2003_Hokkaido_06_NS	1.21 2	19.77	PE_2015_24NOV_04_EW	4.00 0	98.39
	16	JP_2004_Chuetsu_06_EW	0.62 0	23.53	JP_2011_Tohoku_50_NS	0.85 6	23.76	TW_1999_ChiChi_04_90	1.20 8	50.06	US_1989_Loma Prieta_03_90	0.96 3	20.07	US_1989_Loma Prieta_03_90	0.96 3	20.07	PE_2015_24NOV_04_NS	4.00 0	98.16

	17	JP_2011_Tohoku_22_NS	0.85 5	23.53	CH_2014_PSGCX_EW	2.78 4	24.12	TW_1999_ChiChi_08_360	1.05 6	28.99	JP_2011_Tohoku_19_EW	1.18 2	20.09	JP_2011_Tohoku_19_EW	1.18 2	20.09	TW_1999_ChiChi_04_360	0.57 3	34.73
	18	JP_2011_Tohoku_50_NS	0.85 6	23.76	JP_2011_Tohoku_23_EW	1.34 9	24.49	US_1989_Loma Prieta_06_0	1.01 5	22.44	US_1989_Loma Prieta_05_195	2.51 5	20.18	US_1989_Loma Prieta_05_195	2.51 5	20.18	TW_1999_ChiChi_05_360	0.31 8	42.11
	19	CH_2014_PSGCX_EW	2.78 4	24.12	JP_2018_Hokkaido_02_EW	1.03 5	24.54	US_1992_Big Bear_270	0.69 1	61.11	JP_2003_Hokkaido_05_EW	1.45 5	20.41	JP_2003_Hokkaido_05_EW	1.45 5	20.41	TW_1999_ChiChi_05_90	0.32 5	48.17
	20	JP_2011_Tohoku_23_EW	1.34 9	24.49	JP_2011_Tohoku_44_NS	0.68 3	24.72	US_1994_Northridge_02_90	1.66 3	29.18	JP_2004_Chuettsu_07_EW	0.95 5	20.53	JP_2004_Chuettsu_07_EW	0.95 5	20.53	US_1981_Westmorland_90	0.87 3	36.71
MSE	1	JP_2004_Chuettsu_07_EW	0.88 7	9712.30	JP_2004_Chuettsu_07_EW	0.88 7	9712.30	CH_2010_Maule_04_Long	1.07 2	17853.79	JP_2004_Chuettsu_07_NS	1.15 2	6141.90	JP_2004_Chuettsu_07_NS	1.15 2	6141.90	JP_2011_15MAR_EW	0.35 5	57252.72
	2	PE_1974_03OCT_EW	2.71 1	10246.5 5	PE_1974_03OCT_EW	2.71 1	10246.5 5	JP_2003_Hokkaido_05_EW	1.57 9	49238.36	PE_1974_03OCT_EW	2.60 6	9305.64	PE_1974_03OCT_EW	2.60 6	9305.64	JP_2021_Fukushima_07_NS	0.91 0	55471.59
	3	JP_2004_Chuettsu_07_NS	1.30 1	14106.0 0	JP_2004_Chuettsu_07_NS	1.30 1	14106.0 0	JP_2003_Hokkaido_07_NS	1.12 9	51251.68	JP_2004_Chuettsu_07_EW	0.91 0	9378.42	JP_2004_Chuettsu_07_EW	0.91 0	9378.42	PE_2001_07JUL_01_EW	4.00 0	210637.0 7
	4	CH_2010_Maule_04_Long	1.07 2	17853.7 9	CH_2010_Maule_04_Long	1.07 2	17853.7 9	JP_2003_Miyagi_01_EW	0.50 4	83568.93	CH_2014_Iquique_02_EW	3.45 5	14621.0 7	CH_2014_Iquique_02_EW	3.45 5	14621.0 7	PE_2005_13JUN_06_EW	4.00 0	84220.55
	5	JP_2011_Tohoku_32_NS	1.05 2	18982.3 6	JP_2011_Tohoku_32_NS	1.05 2	18982.3 6	JP_2004_Chuettsu_06_EW	0.62 0	22101.90	JP_2011_Tohoku_44_NS	0.62 5	16908.6 9	JP_2011_Tohoku_44_NS	0.62 5	16908.6 9	PE_2007_PISCO_05_EW	4.00 0	404172.2 1
	6	JP_2011_Tohoku_44_NS	0.68 3	20531.9 0	JP_2011_Tohoku_44_NS	0.68 3	20531.9 0	JP_2011_Miyagi_11_EW	0.60 6	30133.42	CH_2010_Maule_04_Long	1.09 1	17546.3 8	CH_2010_Maule_04_Long	1.09 1	17546.3 8	PE_2007_PISCO_05_NS	4.00 0	382035.0 3
	7	JP_2004_14DEC_EW	0.52 2	20706.6 6	JP_2004_14DEC_EW	0.52 2	20706.6 6	JP_2011_Tohoku_13_NS	0.59 9	66544.78	JP_2011_Tohoku_55_EW	1.24 2	18171.4 2	JP_2011_Tohoku_55_EW	1.24 2	18171.4 2	PE_2010_05MAY_01_NS	4.00 0	41103.94
	8	CH_2014_Iquique_02_EW	3.01 1	21671.6 2	CH_2014_Iquique_02_EW	3.01 1	21671.6 2	JP_2011_Tohoku_23_NS	1.31 6	71939.15	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	PE_2011_24AGO_01_NS	4.00 0	424076.6 2
	9	JP_2011_Tohoku_01_NS	0.81 9	21851.5 5	JP_2004_Chuettsu_06_EW	0.62 0	22101.9 0	JP_2011_Tohoku_26_EW	1.02 9	60448.68	JP_2011_Tohoku_32_NS	1.06 1	18900.1 2	JP_2011_Tohoku_32_NS	1.06 1	18900.1 2	PE_2011_24AGO_03_NS	4.00 0	419340.8 9
	10	JP_2004_Chuettsu_06_EW	0.62 0	22101.9 0	JP_2016_Kumamoto_05_EW	1.76 2	24397.4 9	JP_2011_Tohoku_51_EW	0.93 8	109654.8 5	JP_2011_Tohoku_01_NS	0.76 0	19349.5 6	JP_2011_Tohoku_01_NS	0.76 0	19349.5 6	PE_2011_24AGO_04_EW	4.00 0	340650.9 7
	11	JP_2016_Kumamoto_05_EW	1.76 2	24397.4 9	JP_2011_Tohoku_50_NS	0.85 6	25048.7 4	JP_2011_Tohoku_59_EW	1.29 7	26157.67	JP_2004_14DEC_EW	0.53 5	20298.4 5	JP_2004_14DEC_EW	0.53 5	20298.4 5	PE_2011_24AGO_05_NS	4.00 0	418308.9 4
	12	JP_2011_Tohoku_50_NS	0.85 6	25048.7 4	PE_1974_03OCT_NS	3.11 2	25563.4 2	JP_2016_Kumamoto_01_NS	0.78 0	141920.6 0	JP_2003_Hokkaido_06_NS	1.18 2	21048.7 8	JP_2003_Hokkaido_06_NS	1.18 2	21048.7 8	PE_2011_24AGO_07_EW	4.00 0	407838.7 8
	13	PE_1974_03OCT_NS	3.11 2	25563.4 2	PE_2010_05MAY_02_NS	3.80 6	25771.0 3	JP_2018_Hokkaido_03_EW	0.72 4	60355.67	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	PE_2011_24AGO_07_NS	4.00 0	409797.2 8
	14	PE_2010_05MAY_02_NS	3.80 6	25771.0 3	JP_2011_Tohoku_59_EW	1.29 7	26157.6 7	JP_2021_Fukushima_08_E W	0.80 4	52121.76	PE_2010_05MAY_02_EW	4.00 0	21901.9 9	PE_2010_05MAY_02_EW	4.00 0	21901.9 9	PE_2015_24NOV_01_EW	4.00 0	455814.6 4
	15	JP_2011_Tohoku_59_EW	1.29 7	26157.6 7	TW_1999_ChiChi_10_90	0.58 0	26455.5 0	PE_2001_23JUN_NS	1.69 6	51351.36	JP_2004_Chuettsu_06_EW	0.61 0	21916.3 0	JP_2004_Chuettsu_06_EW	0.61 0	21916.3 0	PE_2015_24NOV_01_NS	4.00 0	455970.0 6
	16	TW_1999_ChiChi_10_90	0.58 0	26455.5 0	JP_2011_Tohoku_10_EW	0.65 8	26761.8 8	TW_1999_ChiChi_04_90	1.20 8	62875.18	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	PE_2015_24NOV_02_NS	4.00 0	456774.9 0
	17	JP_2011_Tohoku_10_EW	0.65 8	26761.8 8	JP_2011_Tohoku_10_NS	0.66 8	27357.1 6	TW_1999_ChiChi_08_360	1.05 6	30899.54	JP_2011_Tohoku_50_NS	0.90 3	23896.3 5	JP_2011_Tohoku_50_NS	0.90 3	23896.3 5	PE_2015_24NOV_04_EW	4.00 0	436074.7 8
	18	JP_2011_Tohoku_10_NS	0.66 8	27357.1 6	JP_2011_Tohoku_37_NS	0.81 1	28609.5 2	US_1989_Loma Prieta_06_0	1.01 5	46624.84	US_1994_Northridge_01_90	1.90 9	23993.2 0	US_1994_Northridge_01_90	1.90 9	23993.2 0	PE_2015_24NOV_04_NS	4.00 0	433576.5 5
	19	JP_2011_Tohoku_37_NS	0.81 1	28609.5 2	JP_2011_Miyagi_11_EW	0.60 6	30133.4 2	US_1992_Big Bear_270	0.69 1	100118.6 0	PE_2010_05MAY_02_NS	3.60 6	24276.1 2	PE_2010_05MAY_02_NS	3.60 6	24276.1 2	US_1981_Westmorland_180	0.97 8	73388.62
	20	CH_2010_Maule_03_Trans	1.15 4	29982.0 6	CH_2014_PSGCX_EW	2.78 4	30531.3 7	US_1994_Northridge_02_90	1.66 3	51489.94	JP_2016_Kumamoto_05_EW	1.72 7	24314.9 1	JP_2016_Kumamoto_05_EW	1.72 7	24314.9 1	US_1989_Loma Prieta_04_90	0.85 0	85772.07
RMS E	1	JP_2004_Chuettsu_07_EW	0.88 7	98.55	JP_2004_Chuettsu_07_EW	0.88 7	98.55	CH_2010_Maule_04_Long	1.07 2	133.62	JP_2004_Chuettsu_07_NS	1.15 2	78.37	JP_2004_Chuettsu_07_NS	1.15 2	78.37	JP_2011_15MAR_EW	0.35 5	239.28
	2	PE_1974_03OCT_EW	2.71 1	101.23	PE_1974_03OCT_EW	2.71 1	101.23	JP_2003_Hokkaido_05_EW	1.57 9	221.90	PE_1974_03OCT_EW	2.60 6	96.47	PE_1974_03OCT_EW	2.60 6	96.47	JP_2021_Fukushima_07_NS	0.91 0	235.52
	3	JP_2004_Chuettsu_07_NS	1.30 1	118.77	JP_2004_Chuettsu_07_NS	1.30 1	118.77	JP_2003_Hokkaido_07_NS	1.12 9	226.39	JP_2004_Chuettsu_07_EW	0.91 0	96.84	JP_2004_Chuettsu_07_EW	0.91 0	96.84	PE_2001_07JUL_01_EW	4.00 0	458.95
	4	CH_2010_Maule_04_Long	1.07 2	133.62	CH_2010_Maule_04_Long	1.07 2	133.62	JP_2003_Miyagi_01_EW	0.50 4	289.08	CH_2014_Iquique_02_EW	3.45 5	120.92	CH_2014_Iquique_02_EW	3.45 5	120.92	PE_2005_13JUN_06_EW	4.00 0	290.21
	5	JP_2011_Tohoku_32_NS	1.05 2	137.78	JP_2011_Tohoku_32_NS	1.05 2	137.78	JP_2004_Chuettsu_06_EW	0.62 0	148.67	JP_2011_Tohoku_44_NS	0.62 5	130.03	JP_2011_Tohoku_44_NS	0.62 5	130.03	PE_2007_PISCO_05_EW	4.00 0	635.75
	6	JP_2011_Tohoku_44_NS	0.68 3	143.29	JP_2011_Tohoku_44_NS	0.68 3	143.29	JP_2011_Miyagi_11_EW	0.60 6	173.59	CH_2010_Maule_04_Long	1.09 1	132.46	CH_2010_Maule_04_Long	1.09 1	132.46	PE_2007_PISCO_05_NS	4.00 0	618.09
	7	JP_2004_14DEC_EW	0.52 2	143.90	JP_2004_14DEC_EW	0.52 2	143.90	JP_2011_Tohoku_13_NS	0.59 9	257.96	JP_2011_Tohoku_55_EW	1.24 2	134.80	JP_2011_Tohoku_55_EW	1.24 2	134.80	PE_2010_05MAY_01_NS	4.00 0	202.74
	8	CH_2014_Iquique_02_EW	3.01 1	147.21	CH_2014_Iquique_02_EW	3.01 1	147.21	JP_2011_Tohoku_23_NS	1.31 6	268.21	TW_1999_ChiChi_10_90	0.67 0	136.80	TW_1999_ChiChi_10_90	0.67 0	136.80	PE_2011_24AGO_01_NS	4.00 0	651.21
	9	JP_2011_Tohoku_01_NS	0.81 9	147.82	JP_2004_Chuettsu_06_EW	0.62 0	148.67	JP_2011_Tohoku_26_EW	1.02 9	245.86	JP_2011_Tohoku_32_NS	1.06 1	137.48	JP_2011_Tohoku_32_NS	1.06 1	137.48	PE_2011_24AGO_03_NS	4.00 0	647.57
	10	JP_2004_Chuettsu_06_EW	0.62 0	148.67	JP_2016_Kumamoto_05_EW	1.76 2	156.20	JP_2011_Tohoku_51_EW	0.93 8	331.14	JP_2011_Tohoku_01_NS	0.76 0	139.10	JP_2011_Tohoku_01_NS	0.76 0	139.10	PE_2011_24AGO_04_EW	4.00 0	583.65
	11	JP_2016_Kumamoto_05_EW	1.76 2	156.20	JP_2011_Tohoku_50_NS	0.85 6	158.27	JP_2011_Tohoku_59_EW	1.29 7	161.73	JP_2004_14DEC_EW	0.53 5	142.47	JP_2004_14DEC_EW	0.53 5	142.47	PE_2011_24AGO_05_NS	4.00 0	646.77
	12	JP_2011_Tohoku_50_NS	0.85 6	158.27	PE_1974_03OCT_NS	3.11 2	159.89	JP_2016_Kumamoto_01_NS	0.78 0	376.72	JP_2003_Hokkaido_06_NS	1.18 2	145.08	JP_2003_Hokkaido_06_NS	1.18 2	145.08	PE_2011_24AGO_07_EW	4.00 0	638.62
	13	PE_1974_03OCT_NS	3.11 2	159.89	PE_2010_05MAY_02_NS	3.80 6	160.53	JP_2018_Hokkaido_03_EW	0.72 4	245.67	TW_1999_ChiChi_08_360	1.24 2	146.16	TW_1999_ChiChi_08_360	1.24 2	146.16	PE_2011_24AGO_07_NS	4.00 0	640.15
	14	PE_2010_05MAY_02_NS	3.80 6	160.53	JP_2011_Tohoku_59_EW	1.29 7	161.73	JP_2021_Fukushima_08_E W	0.80 4	228.30	PE_2010_05MAY_02_EW	4.00 0	147.99	PE_2010_05MAY_02_EW	4.00 0	147.99	PE_2015_24NOV_01_EW	4.00 0	675.14
	15	JP_2011_Tohoku_59_EW	1.29 7	161.73	TW_1999_ChiChi_10_90	0.58 0	162.65	PE_2001_23JUN_NS	1.69 6	226.61	JP_2004_Chuettsu_06_EW	0.61 0	148.04	JP_2004_Chuettsu_06_EW	0.61 0	148.04	PE_2015_24NOV_01_NS	4.00 0	675.26

	16	TW_1999_ChiChi_10_90	0.58 0	162.65	JP_2011_Tohoku_10_EW	0.65 8	163.59	TW_1999_ChiChi_04_90	1.20 8	250.75	TW_1999_ChiChi_08_90	0.85 0	148.49	TW_1999_ChiChi_08_90	0.85 0	148.49	PE_2015_24NOV_02_NS	4.00 0	675.85
	17	JP_2011_Tohoku_10_EW	0.65 8	163.59	JP_2011_Tohoku_10_NS	0.66 8	165.40	TW_1999_ChiChi_08_360	1.05 6	175.78	JP_2011_Tohoku_50_NS	0.90 3	154.58	JP_2011_Tohoku_50_NS	0.90 3	154.58	PE_2015_24NOV_04_EW	4.00 0	660.36
	18	JP_2011_Tohoku_10_NS	0.66 8	165.40	JP_2011_Tohoku_37_NS	0.81 1	169.14	US_1989_Loma Prieta_06_0	1.01 5	215.93	US_1994_Northridge_01_90	1.90 9	154.90	US_1994_Northridge_01_90	1.90 9	154.90	PE_2015_24NOV_04_NS	4.00 0	658.47
	19	JP_2011_Tohoku_37_NS	0.81 1	169.14	JP_2011_Miyagi_11_EW	0.60 6	173.59	US_1992_Big Bear_270	0.69 1	316.42	PE_2010_05MAY_02_NS	3.60 6	155.81	PE_2010_05MAY_02_NS	3.60 6	155.81	US_1981_Westmorland_180	0.97 8	270.90
	20	CH_2010_Maule_03_Trans	1.15 4	173.15	CH_2014_PSGCX_EW	2.78 4	174.73	US_1994_Northridge_02_90	1.66 3	226.91	JP_2016_Kumamoto_05_EW	1.72 7	155.93	JP_2016_Kumamoto_05_EW	1.72 7	155.93	US_1989_Loma Prieta_04_90	0.85 0	292.87

REGISTROS SELECCIONADOS CASO Nmr T=0.16s - TSemc-tr-475																			
Caso:		TSemc-tr-475_NSp_Sbs			TSemc-tr-475_NSp_Sci			TSemc-tr-475_NSp_Ssr			TSemc-tr-475_NSr_Sbs			TSemc-tr-475_NSr_Sci			TSemc-tr-475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2001_Geiyō_02_NS	0.35 4	31.92	JP_2005_Miyagi_02_EW	0.48 8	57.43	CH_2010_Maule_01_Transv	1.24 0	426.43	JP_2001_Geiyō_02_NS	0.34 0	31.09	JP_2001_Geiyō_02_NS	0.34 0	31.09	JP_2003_Hokkaido_02_NS	0.25 0	205.27
	2	JP_2011_Tohoku_61_NS	0.48 9	36.93	JP_2005_Miyagi_02_NS	0.72 3	75.61	CH_2010_Maule_03_Long	1.01 0	566.93	JP_2011_19MAR_02_EW	0.37 8	32.15	JP_2011_19MAR_02_EW	0.37 8	32.15	JP_2003_Hokkaido_05_EW	0.25 0	148.39
	3	JP_2001_Geiyō_02_EW	0.34 9	37.41	JP_2011_Tohoku_07_EW	0.37 6	78.61	JP_2003_Hokkaido_12_EW	0.91 0	299.99	JP_2013_13APR_NS	0.58 8	34.77	JP_2013_13APR_NS	0.58 8	34.77	JP_2004_27OCT_02_NS	0.42 3	127.83
	4	JP_2011_16AGO_01_EW	0.56 7	40.64	JP_2012_25AGO_NS	0.57 4	79.45	JP_2004_23OCT_NS	1.80 0	413.54	JP_2011_Tohoku_61_NS	0.49 0	36.99	JP_2011_Tohoku_61_NS	0.49 0	36.99	JP_2021_Fukushima_02_NS	0.25 0	153.14
	5	JP_2011_Fukushima_05_E W	0.57 0	41.33	JP_2011_16APR_01_EW	1.14 2	86.37	JP_2004_29NOV_02_NS	0.94 0	338.99	JP_2001_Geiyō_02_EW	0.36 3	37.24	JP_2001_Geiyō_02_EW	0.36 3	37.24	PE_1974_03OCT_EW	0.35 5	132.13
	6	JP_2012_30AGO_EW	0.32 2	42.03	JP_2011_Tohoku_40_NS	0.33 7	87.54	JP_2011_Tohoku_03_EW	0.80 0	361.46	JP_2013_13APR_EW	0.43 8	38.29	JP_2013_13APR_EW	0.43 8	38.29	PE_2007_PISCO_05_NS	2.33 3	157.09
	7	JP_2011_Fukushima_05_N S	0.40 7	44.41	JP_2001_Geiyō_01_EW	0.37 5	92.66	JP_2011_Tohoku_04_NS	0.69 0	402.91	MX_1985_Guerrero_N90W	0.55 0	39.90	MX_1985_Guerrero_N90W	0.55 0	39.90	PE_2011_24AGO_01_NS	4.00 0	147.08
	8	JP_2011_19MAR_02_EW	0.47 7	46.28	JP_2011_Miyagi_13_NS	0.39 4	94.41	JP_2011_Tohoku_13_NS	0.44 0	213.25	JP_2011_Tohoku_43_NS	0.25 0	40.45	JP_2011_Tohoku_43_NS	0.25 0	40.45	PE_2011_24AGO_03_NS	4.00 0	143.29
	9	JP_2000_Tottori_03_NS	0.48 5	46.32	US_1992_Petrolia_Aftershock_03_36 0	0.67 0	99.11	JP_2011_Tohoku_31_EW	0.70 0	281.72	JP_2011_16AGO_01_EW	0.56 5	40.68	JP_2011_16AGO_01_EW	0.56 5	40.68	PE_2011_24AGO_04_EW	4.00 0	112.58
	10	JP_2011_19MAR_02_NS	0.70 3	49.36	JP_2011_Tohoku_58_NS	0.47 4	102.65	JP_2011_Tohoku_32_NS	0.77 0	352.50	MX_1985_Guerrero_N00W	0.45 3	40.99	MX_1985_Guerrero_N00W	0.45 3	40.99	PE_2011_24AGO_05_NS	4.00 0	141.37
	11	MX_1985_Guerrero_N90W	0.66 8	50.01	JP_2012_25AGO_EW	0.49 8	102.81	JP_2016_Kumamoto_03_E W	0.49 0	207.34	JP_2011_Fukushima_05_E W	0.57 3	41.48	JP_2011_Fukushima_05_EW	0.57 3	41.48	PE_2011_24AGO_06_NS	4.00 0	141.71
	12	JP_2000_Tottori_04_NS	0.29 0	50.68	JP_2000_Tottori_04_EW	0.78 6	104.09	JP_2016_Kumamoto_04_NS	0.70 0	319.10	JP_2011_19MAR_02_NS	0.61 0	41.87	JP_2011_19MAR_02_NS	0.61 0	41.87	PE_2011_24AGO_07_EW	3.97 0	156.75
	13	JP_2011_Tohoku_61_EW	0.50 4	51.00	JP_2011_Miyagi_10_NS	0.32 5	104.22	JP_2018_Osake_EW	0.41 0	197.07	JP_2012_30AGO_EW	0.32 5	42.17	JP_2011_Miyagi_18_NS	0.33 3	43.52	PE_2015_24NOV_01_EW	4.00 0	172.59
	14	JP_2000_Mie_NS	0.31 5	52.00	JP_2004_29NOV_03_NS	0.30 9	105.39	JP_2021_Fukushima_07_E W	0.65 0	179.94	JP_2011_Miyagi_18_NS	0.33 3	43.52	JP_2011_Fukushima_01_EW	0.39 3	44.26	PE_2015_24NOV_02_EW	4.00 0	173.23
	15	JP_2011_Tohoku_43_EW	0.28 5	52.90	PE_2007_PISCO_02_NS	3.09 8	105.43	PE_2005_25SET_02_EW	2.96 0	349.40	JP_2011_Fukushima_01_E W	0.39 3	44.26	JP_2011_Fukushima_05_NS	0.40 8	44.42	PE_2015_24NOV_02_NS	4.00 0	173.36
	16	JP_2011_Tohoku_43_NS	0.34 1	53.90	JP_2008_Iwate_01_EW	0.38 1	108.44	PE_2005_25SET_02_NS	3.15 0	412.41	JP_2011_Fukushima_05_N S	0.40 8	44.42	JP_2000_Tottori_03_NS	0.47 5	45.28	PE_2015_24NOV_04_NS	4.00 0	154.71
	17	JP_2011_Tohoku_46_EW	0.32 8	55.20	JP_2011_16AGO_01_NS	0.68 3	111.42	PE_2007_PISCO_01_EW	1.17 0	438.29	JP_2000_Tottori_03_NS	0.47 5	45.28	JP_2011_Tohoku_07_NS	0.28 8	45.94	TW_1999_ChiChi_09_90	0.25 0	156.53
	18	JP_2011_Tohoku_07_NS	0.36 3	56.69	JP_2011_Miyagi_18_EW	0.51 8	116.06	TW_1999_ChiChi_04_90	0.88 0	294.60	JP_2011_Tohoku_07_NS	0.28 8	45.94	JP_2001_Geiyō_03_NS	0.34 0	47.87	US_1989_Loma Prieta_05_195	0.35 5	149.02
	19	JP_2005_Miyagi_02_EW	0.48 8	57.43	PE_1974_05ENE_01_NS	1.86 4	119.63	US_1989_Loma Prieta_04_90	0.88 0	510.75	JP_2001_Geiyō_03_NS	0.34 0	47.87	JP_2000_Tottori_04_NS	0.33 3	48.18	US_1992_Petrolia_Aftershock_01_9 0	0.25 0	166.42
	20	JP_2013_13APR_EW	0.59 5	59.99	JP_2016_Kumamoto_08_NS	0.46 1	122.94	US_1992_Petrolia_01_90	0.66 0	503.02	JP_2000_Tottori_04_NS	0.33 3	48.18	JP_2011_Miyagi_18_EW	0.31 8	50.10	US_1994_Northridge_02_90	0.25 0	155.23
MAP E	1	JP_2001_Geiyō_02_NS	0.35 4	163.49	JP_2012_25AGO_EW	0.49 8	335.79	CH_2010_Maule_01_Transv	1.24 3	11203.57	PE_2015_24NOV_04_NS	3.27 3	58.75	JP_2011_Fukushima_01_EW	0.25 0	62.70	CH_2014_Iquique_02_NS	0.25 0	202.25
	2	JP_2000_Mie_NS	0.31 5	185.33	JP_2001_Geiyō_01_EW	0.37 5	412.88	CH_2010_Maule_03_Long	1.01 5	4906.43	JP_2011_Fukushima_01_E W	0.25 0	62.70	JP_2011_19MAR_01_EW	0.25 0	69.71	CH_2014_PSGCX_NS	0.25 0	280.60
	3	JP_2011_Fukushima_01_E W	0.55 0	188.78	PE_1974_05ENE_01_NS	1.86 4	425.42	JP_2003_Hokkaido_12_EW	0.90 9	4092.95	PE_2015_24NOV_04_EW	4.00 0	63.48	PE_1974_05ENE_01_NS	0.28 8	71.09	JP_2003_Hokkaido_02_NS	0.25 0	3407.01
	4	MX_1985_Guerrero_N90W	0.66 8	190.64	JP_2003_Miyagi_09_EW	0.49 5	466.52	JP_2004_23OCT_NS	1.80 0	3205.12	JP_2011_19MAR_01_EW	0.25 0	69.71	PE_2011_24AGO_04_NS	0.76 0	73.39	JP_2004_27OCT_02_NS	0.25 0	359.80
	5	JP_2003_Miyagi_07_NS	0.28 5	223.33	JP_2021_Miyagi_02_EW	0.78 4	484.72	JP_2004_29NOV_02_NS	0.93 7	1733.61	PE_1974_05ENE_01_NS	0.28 8	71.09	PE_2005_13JUN_03_EW	0.25 0	74.66	PE_1974_03OCT_EW	0.25 0	376.90
	6	JP_2011_Miyagi_10_EW	0.28 2	230.85	US_2005_Anza_02_90	0.73 0	493.91	JP_2011_Tohoku_03_EW	0.79 8	3054.41	PE_2011_24AGO_04_NS	0.76 0	73.39	PE_1974_05ENE_01_EW	0.25 0	83.19	PE_2001_07JUL_02_NS	0.25 0	199.38
	7	JP_2000_Mie_EW	1.23 9	301.90	JP_2021_Fukushima_06_NS	0.56 1	503.50	JP_2011_Tohoku_04_NS	0.69 2	5621.52	PE_2005_13JUN_03_EW	0.25 0	74.66	MX_1985_Guerrero_N90W	0.25 0	84.33	PE_2005_13JUN_04_EW	0.25 0	119.87
	8	JP_2012_30AGO_EW	0.32 2	305.48	JP_2011_Miyagi_10_NS	0.32 5	527.84	JP_2011_Tohoku_13_NS	0.43 7	1488.33	PE_2005_13JUN_03_NS	0.25 0	74.76	JP_2011_Fukushima_01_NS	0.25 0	85.20	PE_2010_05MAY_02_EW	0.25 0	255.42

	9	JP_2011_19MAR_02_EW	0.47 7	327.93	JP_2000_Tottori_04_EW	0.78 6	547.18	JP_2011_Tohoku_31_EW	0.69 9	1646.06	PE_1974_05ENE_02_NS	0.35 5	79.72	PE_2005_13JUN_05_NS	0.25 0	87.44	PE_2011_24AGO_01_NS	0.39 3	92.46
	10	JP_2011_Tohoku_61_EW	0.50 4	332.79	JP_2011_Tohoku_07_EW	0.37 6	553.48	JP_2011_Tohoku_32_NS	0.76 8	2785.16	PE_2005_25SET_03_NS	0.93 3	80.92	PE_1974_05ENE_02_EW	0.25 0	89.89	PE_2011_24AGO_03_NS	0.40 8	91.73
	11	JP_2012_25AGO_EW	0.49 8	335.79	JP_2005_Miyagi_02_EW	0.48 8	575.31	JP_2016_Kumamoto_03_E W	0.49 1	4537.36	PE_2011_24AGO_04_EW	0.25 0	80.98	JP_2011_Tohoku_57_EW	0.25 0	93.75	PE_2011_24AGO_04_EW	0.25 0	80.98
	12	JP_2011_Fukushima_01_N S	0.78 1	337.78	JP_2011_Tohoku_58_NS	0.47 4	587.72	JP_2016_Kumamoto_04_NS	0.70 0	1789.31	PE_2005_25SET_01_NS	0.68 5	81.15	CH_1995_Antofagasta_Trans v	0.25 0	98.27	PE_2011_24AGO_05_NS	0.41 5	91.79
	13	JP_2011_Tohoku_46_EW	0.32 8	338.52	JP_2004_29NOV_03_NS	0.30 9	591.06	JP_2018_Osake_EW	0.41 1	1383.83	PE_1974_05ENE_01_EW	0.25 0	83.19	JP_2016_28DEC_EW	0.25 0	101.10	PE_2011_24AGO_07_EW	0.25 0	100.44
	14	MX_1985_Guerrero_N00W	0.63 4	346.41	JP_2003_Miyagi_05_NS	0.45 8	625.63	JP_2021_Fukushima_07_E W	0.64 7	657.06	PE_2005_25SET_01_EW	0.56 5	83.56	JP_2001_Geiyō_02_NS	0.25 0	110.49	PE_2015_24NOV_01_EW	4.00 0	94.41
	15	JP_2000_Tottori_04_NS	0.29 0	358.15	JP_2003_Miyagi_02_EW	0.62 3	643.55	PE_2005_25SET_02_EW	2.96 3	6197.71	PE_2005_25SET_03_EW	0.67 0	83.92	PE_2005_13JUN_07_EW	0.25 0	112.42	PE_2015_24NOV_02_EW	4.00 0	95.00
	16	US_2005_Anza_02_360	0.56 2	363.21	JP_2011_Tohoku_60_EW	0.56 4	649.35	PE_2005_25SET_02_NS	3.15 3	5001.32	MX_1985_Guerrero_N90W	0.25 0	84.33	JP_2011_Tohoku_57_NS	0.25 0	119.54	PE_2015_24NOV_02_NS	4.00 0	95.62
	17	JP_2011_19MAR_01_NS	0.56 2	370.32	JP_2021_Fukushima_07_EW	0.64 7	657.06	PE_2007_PISCO_01_EW	1.16 6	9250.56	JP_2011_Fukushima_01_N S	0.25 0	85.20	PE_2005_13JUN_04_EW	0.25 0	119.87	PE_2015_24NOV_04_NS	3.27 3	58.75
	18	JP_2011_Miyagi_02_NS	0.55 7	374.94	JP_2011_Miyagi_03_EW	0.45 8	669.34	TW_1999_ChiChi_04_90	0.88 2	10245.40	PE_2005_13JUN_05_NS	0.25 0	87.44	MX_1985_Guerrero_N00W	0.25 0	121.04	TW_1999_ChiChi_09_90	0.25 0	1040.92
	19	JP_2011_19MAR_02_NS	0.70 3	386.59	JP_2011_Miyagi_02_EW	0.91 8	670.78	US_1989_Loma Prieta 04 90	0.87 7	4668.08	PE_2015_24NOV_05_NS	4.00 0	87.54	PE_2005_13JUN_04_NS	0.25 0	126.71	US_1989_Loma Prieta_05_195	0.25 0	645.03
	20	JP_2001_Geiyō_01_NS	0.44 8	388.25	JP_2011_16APR_02_EW	0.70 2	681.45	US_1992_Petrolia_01_90	0.66 3	6695.99	PE_2011_24AGO_05_EW	0.38 5	88.87	JP_2021_Miyagi_02_EW	0.25 0	130.04	US_1992_Petrolia_Aftershock_01_9 0	0.25 0	1035.32
MSE	1	JP_2001_Geiyō_02_NS	0.35 4	1781.8 6	JP_2005_Miyagi_02_EW	0.48 8	6125.98	CH_2010_Maule_01_Transv	1.24 3	268882.2 9	JP_2001_Geiyō_02_NS	0.35 5	1785.7 4	JP_2001_Geiyō_02_NS	0.35 5	1785.7 4	JP_2003_Hokkaido_02_NS	0.25 0	60426.2 1
	2	JP_2001_Geiyō_02_EW	0.34 9	2000.3 4	JP_2005_Miyagi_02_NS	0.72 3	9181.98	CH_2010_Maule_03_Long	1.01 5	435870.9 7	JP_2001_Geiyō_02_EW	0.36 3	1930.6 4	JP_2001_Geiyō_02_EW	0.36 3	1930.6 4	JP_2004_27OCT_02_NS	0.66 3	35227.4 3
	3	JP_2011_Tohoku_61_NS	0.48 9	2484.6 9	JP_2011_Tohoku_07_EW	0.37 6	11999.2 9	JP_2003_Hokkaido_12_EW	0.90 9	170322.4 6	JP_2011_19MAR_02_EW	0.40 0	2285.3 1	JP_2011_19MAR_02_EW	0.40 0	2285.3 1	JP_2011_Fukushima_04_NS	0.25 0	55437.4 0
	4	JP_2011_16AGO_01_EW	0.56 7	3527.7 5	JP_2011_Tohoku_40_NS	0.33 7	12321.4 4	JP_2004_23OCT_NS	1.80 0	293544.1 8	JP_2011_Tohoku_61_NS	0.49 0	2486.0 8	JP_2011_Tohoku_61_NS	0.49 0	2486.0 8	JP_2011_Miyagi_09_EW	0.27 3	41637.5 8
	5	JP_2000_Tottori_04_NS	0.29 0	3909.5 6	JP_2011_Miyagi_13_NS	0.39 4	12862.8 4	JP_2004_29NOV_02_NS	0.93 7	213038.4 9	JP_2013_13APR_NS	0.58 8	2580.4 0	JP_2013_13APR_NS	0.58 8	2580.4 0	PE_2001_07JUL_01_NS	2.00 0	47884.9 4
	6	JP_2011_Fukushima_05_N S	0.40 7	4209.4 5	JP_2012_25AGO_NS	0.57 4	14392.4 4	JP_2011_Tohoku_03_EW	0.79 8	216809.4 1	JP_2000_Tottori_04_NS	0.32 5	3144.5 6	JP_2000_Tottori_04_NS	0.32 5	3144.5 6	PE_2007_PISCO_05_NS	4.00 0	58416.9 7
	7	JP_2012_30AGO_EW	0.32 2	4379.6 8	JP_2008_Iwate_01_EW	0.38 1	14895.3 1	JP_2011_Tohoku_04_NS	0.69 2	246093.5 7	JP_2011_16AGO_01_EW	0.52 8	3212.0 8	JP_2011_16AGO_01_EW	0.52 8	3212.0 8	PE_2011_24AGO_01_NS	4.00 0	59338.6 5
	8	JP_2011_Fukushima_05_E W	0.57 0	4484.9 0	US_1992_Petrolia_Aftershock_03_36 0	0.67 0	15948.6 3	JP_2011_Tohoku_13_NS	0.43 7	91666.03	JP_2011_Tohoku_43_NS	0.28 0	3407.7 8	JP_2011_Tohoku_43_NS	0.28 0	3407.7 8	PE_2011_24AGO_03_NS	4.00 0	58229.6 1
	9	JP_2011_Tohoku_43_EW	0.28 5	4913.1 8	PE_2007_PISCO_02_NS	3.09 8	17064.1 2	JP_2011_Tohoku_31_EW	0.69 9	163453.2 5	JP_2011_Fukushima_03_E W	0.45 3	3464.4 5	JP_2011_Fukushima_03_EW	0.45 3	3464.4 5	PE_2011_24AGO_04_EW	4.00 0	33998.9 5
	10	JP_2011_19MAR_02_EW	0.47 7	5057.8 4	JP_2011_Tohoku_58_NS	0.47 4	18933.0 8	JP_2011_Tohoku_32_NS	0.76 8	184590.3 1	JP_2011_19MAR_02_NS	0.58 8	3502.3 7	JP_2011_19MAR_02_NS	0.58 8	3502.3 7	PE_2011_24AGO_05_NS	4.00 0	55863.7 1
	11	JP_2011_Fukushima_03_E W	0.52 0	5251.3 8	JP_2000_Tottori_04_EW	0.78 6	21075.3 7	JP_2016_Kumamoto_03_E W	0.49 1	60067.57	MX_1985_Guerrero_N00W	0.47 5	3691.9 6	MX_1985_Guerrero_N00W	0.47 5	3691.9 6	PE_2011_24AGO_06_NS	4.00 0	55492.1 1
	12	JP_2011_19MAR_02_NS	0.70 3	6120.1 7	JP_2021_Fukushima_01_EW	0.37 7	21575.7 1	JP_2016_Kumamoto_04_NS	0.70 0	176774.3 1	JP_2011_Fukushima_05_E W	0.52 0	3902.8 1	JP_2011_Fukushima_05_EW	0.52 0	3902.8 1	PE_2011_24AGO_07_EW	4.00 0	61082.0 5
	13	JP_2003_Hokkaido_06_EW	0.38 5	6123.6 7	JP_2011_Miyagi_10_NS	0.32 5	22025.7 6	JP_2018_Osake_EW	0.41 1	87751.63	MX_1985_Guerrero_N90W	0.55 8	4120.4 3	MX_1985_Guerrero_N90W	0.55 8	4120.4 3	PE_2011_24AGO_07_NS	4.00 0	62206.1 7
	14	JP_2005_Miyagi_02_EW	0.48 8	6125.9 8	JP_2011_Tohoku_19_NS	0.39 8	22327.2 3	JP_2021_Fukushima_07_E W	0.64 7	79015.12	JP_2011_Fukushima_05_N S	0.40 0	4210.1 7	JP_2011_Fukushima_05_NS	0.40 0	4210.1 7	PE_2015_24NOV_01_EW	4.00 0	74079.7 5
	15	JP_2000_Mie_NS	0.31 5	6754.9 4	JP_2011_Tohoku_19_EW	0.38 6	23907.2 6	PE_2005_25SET_02_EW	2.96 3	156780.7 2	JP_2013_13APR_EW	0.44 5	4320.5 6	JP_2013_13APR_EW	0.44 5	4320.5 6	PE_2015_24NOV_02_EW	4.00 0	74430.4 4
	16	MX_1985_Guerrero_N90W	0.66 8	6949.8 2	JP_2011_16APR_01_EW	1.14 2	25165.0 4	PE_2005_25SET_02_NS	3.15 3	269920.7 0	JP_2012_30AGO_EW	0.31 8	4342.9 7	JP_2005_Miyagi_02_EW	0.42 3	4502.1 4	PE_2015_24NOV_02_NS	4.00 0	74496.1 0
	17	JP_2011_Tohoku_43_NS	0.34 1	6971.7 5	JP_2004_29NOV_02_EW	0.43 3	26324.5 6	PE_2007_PISCO_01_EW	1.16 6	283878.5 2	JP_2005_Miyagi_02_EW	0.42 3	4502.1 4	JP_2011_Fukushima_01_EW	0.41 5	4502.6 3	PE_2015_24NOV_04_NS	4.00 0	65931.4 4
	18	JP_2013_13APR_NS	0.73 5	7229.0 6	JP_2011_16AGO_01_NS	0.68 3	26493.0 7	TW_1999_ChiChi_04_90	0.88 2	121174.3 3	JP_2011_Fukushima_01_E W	0.41 5	4502.6 3	JP_2011_Miyagi_18_NS	0.33 3	4568.2 0	TW_1999_ChiChi_09_90	0.26 5	42206.1 7
	19	JP_2001_Geiyō_01_NS	0.44 8	8368.2 0	JP_2001_Geiyō_01_EW	0.37 5	27243.9 5	US_1989_Loma Prieta 04 90	0.87 7	404149.7 3	JP_2011_Miyagi_18_NS	0.33 3	4568.2 0	JP_2011_Tohoku_43_EW	0.26 5	4656.9 9	US_1992_Petrolia_Aftershock_01_9 0	0.25 8	49586.9 1
	20	JP_2005_Miyagi_02_NS	0.72 3	9181.9 8	JP_2021_Fukushima_06_NS	0.56 1	27272.8 4	US_1992_Petrolia_01_90	0.66 3	404192.1 5	JP_2011_Tohoku_43_EW	0.26 5	4656.9 9	JP_2001_Geiyō_03_NS	0.34 0	4776.3 1	US_1992_Petrolia_Aftershock_02_9 0	0.25 0	51575.4 6
RMS E	1	JP_2001_Geiyō_02_NS	0.35 4	42.21	JP_2005_Miyagi_02_EW	0.48 8	78.27	CH_2010_Maule_01_Transv	1.24 3	518.54	JP_2001_Geiyō_02_NS	0.35 5	42.26	JP_2001_Geiyō_02_NS	0.35 5	42.26	JP_2003_Hokkaido_02_NS	0.25 0	245.82
	2	JP_2001_Geiyō_02_EW	0.34 9	44.73	JP_2005_Miyagi_02_NS	0.72 3	95.82	CH_2010_Maule_03_Long	1.01 5	660.21	JP_2001_Geiyō_02_EW	0.36 3	43.94	JP_2001_Geiyō_02_EW	0.36 3	43.94	JP_2004_27OCT_02_NS	0.66 3	187.69
	3	JP_2011_Tohoku_61_NS	0.48 9	49.85	JP_2011_Tohoku_07_EW	0.37 6	109.54	JP_2003_Hokkaido_12_EW	0.90 9	412.70	JP_2011_19MAR_02_EW	0.40 0	47.80	JP_2011_19MAR_02_EW	0.40 0	47.80	JP_2011_Fukushima_04_NS	0.25 0	235.45
	4	JP_2011_16AGO_01_EW	0.56 7	59.39	JP_2011_Tohoku_40_NS	0.33 7	111.00	JP_2004_23OCT_NS	1.80 0	541.80	JP_2011_Tohoku_61_NS	0.49 0	49.86	JP_2011_Tohoku_61_NS	0.49 0	49.86	JP_2011_Miyagi_09_EW	0.27 3	204.05
	5	JP_2000_Tottori_04_NS	0.29 0	62.53	JP_2011_Miyagi_13_NS	0.39 4	113.41	JP_2004_29NOV_02_NS	0.93 7	461.56	JP_2013_13APR_NS	0.58 8	50.80	JP_2013_13APR_NS	0.58 8	50.80	PE_2001_07JUL_01_NS	2.00 0	218.83
	6	JP_2011_Fukushima_05_N S	0.40 7	64.88	JP_2012_25AGO_NS	0.57 4	119.97	JP_2011_Tohoku_03_EW	0.79 8	465.63	JP_2000_Tottori_04_NS	0.32 5	56.08	JP_2000_Tottori_04_NS	0.32 5	56.08	PE_2007_PISCO_05_NS	4.00 0	241.70
	7	JP_2012_30AGO_EW	0.32 2	66.18	JP_2008_Iwate_01_EW	0.38 1	122.05	JP_2011_Tohoku_04_NS	0.69 2	496.08	JP_2011_16AGO_01_EW	0.52 8	56.68	JP_2011_16AGO_01_EW	0.52 8	56.68	PE_2011_24AGO_01_NS	4.00 0	243.60

	8	JP_2011_Fukushima_05_E W	0.57 0	66.97	US_1992_Petrolia_Aftershock_03_36 0	0.67 0	126.29	JP_2011_Tohoku_13_NS	0.43 7	302.76	JP_2011_Tohoku_43_NS	0.28 0	58.38	JP_2011_Tohoku_43_NS	0.28 0	58.38	PE_2011_24AGO_03_NS	4.00 0	241.31
	9	JP_2011_Tohoku_43_EW	0.28 5	70.09	PE_2007_PISCO_02_NS	3.09 8	130.63	JP_2011_Tohoku_31_EW	0.69 9	404.29	JP_2011_Fukushima_03_E W	0.45 3	58.86	JP_2011_Fukushima_03_EW	0.45 3	58.86	PE_2011_24AGO_04_EW	4.00 0	184.39
	10	JP_2011_19MAR_02_EW	0.47 7	71.12	JP_2011_Tohoku_58_NS	0.47 4	137.60	JP_2011_Tohoku_32_NS	0.76 8	429.64	JP_2011_19MAR_02_NS	0.58 8	59.18	JP_2011_19MAR_02_NS	0.58 8	59.18	PE_2011_24AGO_05_NS	4.00 0	236.36
	11	JP_2011_Fukushima_03_E W	0.52 0	72.47	JP_2000_Tottori_04_EW	0.78 6	145.17	JP_2016_Kumamoto_03_E W	0.49 1	245.09	MX_1985_Guerrero_N00W	0.47 5	60.76	MX_1985_Guerrero_N00W	0.47 5	60.76	PE_2011_24AGO_06_NS	4.00 0	235.57
	12	JP_2011_19MAR_02_NS	0.70 3	78.23	JP_2021_Fukushima_01_EW	0.37 7	146.89	JP_2016_Kumamoto_04_NS	0.70 0	420.45	JP_2011_Fukushima_05_E W	0.52 0	62.47	JP_2011_Fukushima_05_EW	0.52 0	62.47	PE_2011_24AGO_07_EW	4.00 0	247.15
	13	JP_2003_Hokkaido_06_EW	0.38 5	78.25	JP_2011_Miyagi_10_NS	0.32 5	148.41	JP_2018_Osake_EW	0.41 1	296.23	MX_1985_Guerrero_N90W	0.55 8	64.19	MX_1985_Guerrero_N90W	0.55 8	64.19	PE_2011_24AGO_07_NS	4.00 0	249.41
	14	JP_2005_Miyagi_02_EW	0.48 8	78.27	JP_2011_Tohoku_19_NS	0.39 8	149.42	JP_2021_Fukushima_07_E W	0.64 7	281.10	JP_2011_Fukushima_05_N S	0.40 0	64.89	JP_2011_Fukushima_05_NS	0.40 0	64.89	PE_2015_24NOV_01_EW	4.00 0	272.18
	15	JP_2000_Mie_NS	0.31 5	82.19	JP_2011_Tohoku_19_EW	0.38 6	154.62	PE_2005_25SET_02_EW	2.96 3	395.96	JP_2013_13APR_EW	0.44 5	65.73	JP_2013_13APR_EW	0.44 5	65.73	PE_2015_24NOV_02_EW	4.00 0	272.82
	16	MX_1985_Guerrero_N90W	0.66 8	83.37	JP_2011_16APR_01_EW	1.14 2	158.63	PE_2005_25SET_02_NS	3.15 3	519.54	JP_2012_30AGO_EW	0.31 8	65.90	JP_2005_Miyagi_02_EW	0.42 3	67.10	PE_2015_24NOV_02_NS	4.00 0	272.94
	17	JP_2011_Tohoku_43_NS	0.34 1	83.50	JP_2004_29NOV_02_EW	0.43 3	162.25	PE_2007_PISCO_01_EW	1.16 6	532.80	JP_2005_Miyagi_02_EW	0.42 3	67.10	JP_2011_Fukushima_01_EW	0.41 5	67.10	PE_2015_24NOV_04_NS	4.00 0	256.77
	18	JP_2013_13APR_NS	0.73 5	85.02	JP_2011_16AGO_01_NS	0.68 3	162.77	TW_1999_ChiChi_04_90	0.88 2	348.10	JP_2011_Fukushima_01_E W	0.41 5	67.10	JP_2011_Miyagi_18_NS	0.33 3	67.59	TW_1999_ChiChi_09_90	0.26 5	205.44
	19	JP_2001_Geiyō_01_NS	0.44 8	91.48	JP_2001_Geiyō_01_EW	0.37 5	165.06	US_1989_Loma Prieta_04_90	0.87 7	635.73	JP_2011_Miyagi_18_NS	0.33 3	67.59	JP_2011_Tohoku_43_EW	0.26 5	68.24	US_1992_Petrolia_Aftershock_01_9 0	0.25 8	222.68
	20	JP_2005_Miyagi_02_NS	0.72 3	95.82	JP_2021_Fukushima_06_NS	0.56 1	165.14	US_1992_Petrolia_01_90	0.66 3	635.76	JP_2011_Tohoku_43_EW	0.26 5	68.24	JP_2001_Geiyō_03_NS	0.34 0	69.11	US_1992_Petrolia_Aftershock_02_9 0	0.25 0	227.10

REGISTROS SELECCIONADOS CASO Nmr T=0.16s - TSemc-tr-975																			
Caso:		TSemc-tr-975_NSp_Sbs			TSemc-tr-975_NSp_Sci			TSemc-tr-975_NSp_Ssr			TSemc-tr-975_NSr_Sbs			TSemc-tr-975_NSr_Sci			TSemc-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2001_Geiyō_02_NS	0.44 8	42.37	JP_2005_Miyagi_02_EW	0.61 7	76.70	CH_2010_Maule_04_Long	0.99 1	429.61	JP_2011_19MAR_02_EW	0.46 8	40.77	JP_2011_19MAR_02_EW	0.46 8	40.77	JP_2003_Hokkaido_02_NS	0.25 0	236.16
	2	JP_2011_Tohoku_61_NS	0.61 8	45.62	JP_2011_Fukushima_03_EW	0.65 8	80.78	CH_2014_Iquique_02_EW	2.78 3	372.88	JP_2001_Geiyō_02_NS	0.42 3	41.27	JP_2001_Geiyō_02_NS	0.42 3	41.27	JP_2003_Hokkaido_05_EW	0.25 0	179.29
	3	JP_2001_Geiyō_02_EW	0.44 2	47.43	JP_2011_Tohoku_40_EW	0.28 9	99.65	JP_2003_Hokkaido_07_NS	1.04 3	309.50	JP_2011_Tohoku_61_NS	0.61 8	45.68	JP_2011_Tohoku_61_NS	0.61 8	45.68	JP_2004_27OCT_02_NS	0.50 5	160.36
	4	JP_2012_30AGO_EW	0.40 7	50.24	JP_2005_Miyagi_02_NS	0.91 5	99.71	JP_2004_Chuetzu_06_EW	0.57 3	472.73	JP_2013_13APR_NS	0.70 8	46.01	JP_2013_13APR_NS	0.70 8	46.01	JP_2021_Fukushima_02_NS	0.25 0	189.61
	5	JP_2011_16AGO_01_EW	0.71 7	52.18	JP_2012_25AGO_NS	0.72 6	102.99	JP_2011_Miyagi_11_EW	0.56 0	425.54	JP_2001_Geiyō_02_EW	0.44 5	47.53	JP_2001_Geiyō_02_EW	0.44 5	47.53	PE_1974_03OCT_EW	0.42 3	165.51
	6	JP_2011_Fukushima_05_E W	0.72 1	52.69	JP_2011_Tohoku_07_EW	0.47 6	104.57	JP_2011_Tohoku_13_EW	0.79 9	362.86	JP_2013_13APR_EW	0.54 3	47.54	JP_2013_13APR_EW	0.54 3	47.54	PE_2001_23JUN_NS	0.25 0	197.19
	7	JP_2011_Fukushima_05_N S	0.51 5	54.47	JP_2011_Tohoku_34_EW	0.25 5	105.10	JP_2011_Tohoku_13_NS	0.55 3	274.01	JP_2011_Miyagi_07_EW	0.25 0	49.00	JP_2011_Miyagi_07_EW	0.25 0	49.00	PE_2007_PISCO_05_NS	2.69 7	195.14
	8	JP_2011_Miyagi_07_EW	0.27 4	54.93	JP_2011_16APR_01_EW	1.44 5	113.52	JP_2011_Tohoku_24_NS	1.09 4	422.07	JP_2012_30AGO_EW	0.40 8	50.27	MX_1985_Guerrero_N90W	0.69 3	50.46	PE_2011_24AGO_01_NS	4.00 0	187.44
	9	JP_2000_Tottori_03_NS	0.61 4	61.30	JP_2011_Tohoku_40_NS	0.42 7	114.26	JP_2011_Tohoku_26_EW	0.95 1	490.34	MX_1985_Guerrero_N90W	0.69 3	50.46	JP_2011_Tohoku_43_NS	0.31 8	51.03	PE_2011_24AGO_03_NS	4.00 0	183.48
	10	JP_2000_Mie_NS	0.39 8	61.88	JP_2001_Geiyō_01_EW	0.47 5	119.71	JP_2011_Tohoku_51_EW	0.86 7	743.50	JP_2011_Tohoku_43_NS	0.31 8	51.03	JP_2011_16AGO_01_EW	0.70 0	51.75	PE_2011_24AGO_04_EW	4.00 0	148.60
	11	JP_2011_19MAR_02_EW	0.60 4	63.08	JP_2011_Miyagi_13_NS	0.49 9	123.71	JP_2021_Fukushima_07_E W	0.81 9	231.25	JP_2011_16AGO_01_EW	0.70 0	51.75	JP_2011_Fukushima_05_E W	0.71 5	52.59	PE_2011_24AGO_05_NS	4.00 0	181.78
	12	JP_2000_Tottori_04_NS	0.36 7	63.28	US_1992_Petrolia_Aftershock_03_3 60	0.84 8	129.44	JP_2021_Fukushima_08_E W	0.74 3	327.68	JP_2011_Fukushima_05_E W	0.71 5	52.59	MX_1985_Guerrero_N00W	0.55 0	53.48	PE_2011_24AGO_06_NS	4.00 0	182.06
	13	MX_1985_Guerrero_N90W	0.84 6	64.43	JP_2012_25AGO_EW	0.63 0	133.52	PE_2001_23JUN_NS	1.56 7	490.20	MX_1985_Guerrero_N00W	0.55 0	53.48	JP_2011_19MAR_02_NS	0.76 8	54.57	PE_2011_24AGO_07_EW	4.00 0	195.28
	14	JP_2011_Tohoku_61_EW	0.63 8	64.50	JP_2011_Tohoku_58_NS	0.60 0	133.70	PE_2005_25SET_02_EW	3.75 0	448.03	JP_2011_19MAR_02_NS	0.76 8	54.57	JP_2011_Fukushima_05_NS	0.51 3	54.61	PE_2015_24NOV_01_EW	4.00 0	213.05
	15	JP_2011_19MAR_02_NS	0.89 0	65.97	JP_2004_29NOV_03_NS	0.39 1	135.13	PE_2005_25SET_02_NS	3.99 0	527.11	JP_2011_Fukushima_05_N S	0.51 3	54.61	JP_2011_Miyagi_18_NS	0.39 3	55.97	PE_2015_24NOV_02_EW	4.00 0	213.69
	16	JP_2011_Tohoku_43_EW	0.36 1	66.57	JP_2011_Miyagi_10_NS	0.41 1	135.37	TW_1999_ChiChi_04_90	1.11 6	377.79	JP_2011_Miyagi_18_NS	0.39 3	55.97	JP_2000_Tottori_03_NS	0.58 0	57.85	PE_2015_24NOV_02_NS	4.00 0	213.82
	17	JP_2011_Tohoku_46_EW	0.41 5	70.03	JP_2000_Tottori_04_EW	0.99 5	136.16	TW_1999_ChiChi_08_360	0.97 6	338.85	JP_2000_Tottori_03_NS	0.58 0	57.85	JP_2011_Fukushima_01_E W	0.47 5	58.06	PE_2015_24NOV_04_NS	4.00 0	194.83
	18	JP_2011_Tohoku_43_NS	0.43 1	71.68	PE_2007_PISCO_02_NS	3.92 1	137.46	US_1989_Loma Prieta_04_90	1.11 0	652.22	JP_2011_Fukushima_01_E W	0.47 5	58.06	JP_2011_Tohoku_07_NS	0.36 3	58.36	TW_1999_ChiChi_09_90	0.25 0	187.93
	19	JP_2011_Tohoku_07_NS	0.45 9	75.03	JP_2008_Iwate_01_EW	0.48 2	143.09	US_1989_Loma Prieta_06_0	0.93 8	319.68	JP_2011_Tohoku_07_NS	0.36 3	58.36	JP_2000_Tottori_04_NS	0.42 3	60.01	US_1992_Petrolia_Aftershock_01_9 0	0.25 0	199.94
	20	JP_2005_Miyagi_02_EW	0.61 7	76.70	JP_2011_16AGO_01_NS	0.86 4	146.39	US_1992_Big Bear_270	0.63 8	195.28	JP_2000_Tottori_04_NS	0.42 3	60.01	JP_2001_Geiyō_03_NS	0.43 0	60.87	US_1994_Northridge_02_90	0.25 0	187.70

MAP E	1	JP_2001_Geiyō_02_NS	0.44 8	200.13	JP_2012_25AGO_EW	0.63 0	403.35	CH_2010_Maule_04_Long	0.99 1	2947.48	PE_2015_24NOV_04_NS	3.57 6	60.55	JP_2011_Fukushima_01_E W	0.25 0	63.05	CH_2014_Iquique_02_NS	0.25 0	195.99
	2	JP_2000_Mie_NS	0.39 8	224.84	JP_2001_Geiyō_01_EW	0.47 5	494.18	CH_2014_Iquique_02_EW	2.78 3	4232.42	JP_2011_Fukushima_01_E W	0.25 0	63.05	JP_2011_19MAR_01_EW	0.25 0	69.50	CH_2014_PSGCX_NS	0.25 0	267.19
	3	JP_2011_Fukushima_01_E W	0.69 6	228.44	US_1992_Petrolia_Aftershock_03_9 0	0.58 8	496.74	JP_2003_Hokkaido_07_NS	1.04 3	6258.12	PE_2015_24NOV_04_EW	4.00 0	66.17	PE_2005_13JUN_03_EW	0.25 0	75.41	JP_2003_Hokkaido_02_NS	0.25 0	3223.13
	4	MX_1985_Guerrero_N90W	0.84 6	232.92	PE_1974_05ENE_01_NS	2.35 9	505.64	JP_2004_Chuetso_06_EW	0.57 3	4308.92	JP_2011_19MAR_01_EW	0.25 0	69.50	PE_2005_13JUN_05_NS	0.25 0	84.33	JP_2004_27OCT_02_NS	0.25 0	340.10
	5	JP_2003_Miyagi_07_NS	0.36 0	269.77	JP_2011_Tohoku_40_EW	0.28 9	524.70	JP_2011_Miyagi_11_EW	0.56 0	3307.72	PE_1974_05ENE_01_NS	0.25 0	74.66	PE_1974_05ENE_01_EW	0.25 0	85.64	PE_1974_03OCT_EW	0.25 0	354.05
	6	JP_2011_Miyagi_10_EW	0.35 6	277.55	JP_2003_Miyagi_09_EW	0.62 6	554.67	JP_2011_Tohoku_13_EW	0.79 9	2386.20	PE_2005_13JUN_03_EW	0.25 0	75.41	JP_2011_Fukushima_01_NS	0.25 0	87.68	PE_2001_07JUL_02_NS	0.25 0	185.70
	7	JP_2000_Mie_EW	1.56 8	367.47	JP_2021_Miyagi_02_EW	0.99 2	577.55	JP_2011_Tohoku_13_NS	0.55 3	1757.00	PE_2011_24AGO_04_NS	0.58 0	75.74	MX_1985_Guerrero_N90W	0.25 0	88.55	PE_2005_13JUN_04_EW	0.25 0	117.64
	8	JP_2012_30AGO_EW	0.40 7	368.59	US_2005_Anza_02_90	0.92 4	580.38	JP_2011_Tohoku_24_NS	1.09 4	2393.59	PE_2005_13JUN_03_NS	0.25 0	77.12	PE_1974_05ENE_02_EW	0.25 0	90.12	PE_2010_05MAY_02_EW	0.25 0	243.51
	9	JP_2011_19MAR_02_EW	0.60 4	397.97	JP_2021_Fukushima_06_NS	0.71 0	594.54	JP_2011_Tohoku_26_EW	0.95 1	4171.28	PE_1974_05ENE_02_NS	0.25 0	81.63	JP_2011_Tohoku_57_EW	0.25 0	90.94	PE_2011_24AGO_01_NS	0.40 8	92.89
	10	JP_2012_25AGO_EW	0.63 0	403.35	JP_2011_Miyagi_10_NS	0.41 1	629.29	JP_2011_Tohoku_51_EW	0.86 7	6218.94	PE_2005_25SET_01_NS	0.72 3	81.74	CH_1995_Antofagasta_Tran sv	0.25 0	98.24	PE_2011_24AGO_03_NS	0.43 0	92.22
	11	JP_2011_Fukushima_01_N S	0.98 8	403.66	JP_2000_Tottori_04_EW	0.99 5	653.24	JP_2021_Fukushima_07_E W	0.81 9	771.09	PE_2005_25SET_03_NS	0.98 5	81.78	JP_2016_28DEC_EW	0.25 0	100.92	PE_2011_24AGO_04_EW	0.25 8	81.91
	12	JP_2011_Tohoku_61_EW	0.63 8	405.07	JP_2011_Tohoku_07_EW	0.47 6	665.75	JP_2021_Fukushima_08_E W	0.74 3	1446.76	PE_2011_24AGO_04_EW	0.25 8	81.91	JP_2001_Geiyō_02_NS	0.25 0	106.58	PE_2011_24AGO_05_NS	0.43 8	92.22
	13	JP_2011_Tohoku_46_EW	0.41 5	412.14	JP_2005_Miyagi_02_EW	0.61 7	696.39	PE_2001_23JUN_NS	1.56 7	6191.02	PE_2005_25SET_01_EW	0.59 5	84.30	PE_2005_13JUN_07_EW	0.25 0	110.35	PE_2011_24AGO_07_EW	0.25 0	99.77
	14	MX_1985_Guerrero_N00W	0.80 2	417.08	JP_2011_Tohoku_58_NS	0.60 0	697.95	PE_2005_25SET_02_EW	3.75 0	7409.60	PE_2005_13JUN_05_NS	0.25 0	84.33	JP_2011_Tohoku_57_NS	0.25 0	110.47	PE_2015_24NOV_01_EW	4.00 0	94.91
	15	US_2005_Anza_02_360	0.71 2	430.55	JP_2004_29NOV_03_NS	0.39 1	707.85	PE_2005_25SET_02_NS	3.99 0	5920.03	PE_2005_25SET_03_EW	0.70 0	84.56	PE_2005_13JUN_04_EW	0.25 0	117.64	PE_2015_24NOV_02_EW	4.00 0	95.40
	16	JP_2000_Tottori_04_NS	0.36 7	431.70	JP_2003_Miyagi_05_NS	0.57 9	749.41	TW_1999_ChiChi_04_90	1.11 6	12351.10	PE_1974_05ENE_01_EW	0.25 0	85.64	US_2005_Anza_02_90	0.25 0	118.42	PE_2015_24NOV_02_NS	4.00 0	95.98
	17	JP_2011_19MAR_01_NS	0.71 1	437.92	JP_2003_Miyagi_02_EW	0.78 9	759.88	TW_1999_ChiChi_08_360	0.97 6	3674.57	JP_2011_Fukushima_01_N S	0.25 0	87.68	MX_1985_Guerrero_N00W	0.25 0	119.14	PE_2015_24NOV_04_NS	3.57 6	60.55
	18	JP_2011_Miyagi_02_NS	0.70 4	451.93	JP_2021_Fukushima_07_EW	0.81 9	771.09	US_1989_Loma Prieta_04_90	1.11 0	5466.29	MX_1985_Guerrero_N90W	0.25 0	88.55	JP_2011_19MAR_01_NS	0.25 0	120.07	TW_1999_ChiChi_09_90	0.25 0	973.20
	19	JP_2001_Geiyō_01_NS	0.56 7	464.38	JP_2011_Tohoku_60_EW	0.71 3	771.45	US_1989_Loma Prieta_06_0	0.93 8	5577.08	PE_2015_24NOV_05_NS	4.00 0	88.62	PE_2005_13JUN_04_NS	0.25 0	124.25	US_1989_Loma Prieta_05_195	0.25 0	607.42
	20	JP_2011_19MAR_02_NS	0.89 0	467.46	JP_2011_Miyagi_03_EW	0.57 9	793.06	US_1992_Big Bear_270	0.63 8	1194.42	PE_2011_24AGO_05_EW	0.40 0	89.28	US_1991_SierraMadre_90	0.25 0	124.41	US_1992_Petrolia_Aftershock_01_9 0	0.25 0	966.57
MSE	1	JP_2001_Geiyō_02_NS	0.44 8	2921.82	JP_2011_Fukushima_03_EW	0.65 8	9378.12	CH_2010_Maule_04_Long	0.99 1	278211.6 6	JP_2001_Geiyō_02_NS	0.43 8	2866.0 4	JP_2001_Geiyō_02_NS	0.43 8	2866.0 4	JP_2003_Hokkaido_02_NS	0.25 0	90757.15
	2	JP_2001_Geiyō_02_EW	0.44 2	3173.16	JP_2005_Miyagi_02_EW	0.61 7	10824.1 7	CH_2014_Iquique_02_EW	2.78 3	185562.5 1	JP_2001_Geiyō_02_EW	0.45 3	3150.4 4	JP_2001_Geiyō_02_EW	0.45 3	3150.4 4	JP_2003_Hokkaido_10_EW	0.25 0	87651.97
	3	JP_2011_Tohoku_61_NS	0.61 8	3881.53	JP_2005_Miyagi_02_NS	0.91 5	15849.4 5	JP_2003_Hokkaido_07_NS	1.04 3	154661.1 4	JP_2011_19MAR_02_EW	0.49 8	3805.9 9	JP_2011_19MAR_02_EW	0.49 8	3805.9 9	JP_2004_23OCT_NS	0.58 8	67614.10
	4	JP_2011_Miyagi_07_EW	0.27 4	4610.66	JP_2011_Tohoku_34_EW	0.25 5	15878.8 6	JP_2004_Chuetso_06_EW	0.57 3	329835.5 6	JP_2011_Tohoku_61_NS	0.61 0	3848.2 6	JP_2011_Tohoku_61_NS	0.61 0	3848.2 6	JP_2011_Fukushima_04_NS	0.25 0	77088.77
	5	JP_2000_Tottori_04_NS	0.36 7	5771.68	JP_2011_Tohoku_40_EW	0.28 9	17354.3 5	JP_2011_Miyagi_11_EW	0.56 0	237601.3 1	JP_2011_Miyagi_07_EW	0.26 5	4476.4 3	JP_2011_Miyagi_07_EW	0.26 5	4476.4 3	JP_2011_Tohoku_31_NS	0.27 3	63421.59
	6	JP_2011_16AGO_01_EW	0.71 7	6014.48	JP_2011_Tohoku_07_EW	0.47 6	20736.1 6	JP_2011_Tohoku_13_EW	0.79 9	224450.4 5	JP_2013_13APR_NS	0.73 0	4534.9 9	JP_2013_13APR_NS	0.73 0	4534.9 9	JP_2011_Tohoku_59_EW	0.49 0	36919.46
	7	JP_2012_30AGO_EW	0.40 7	6336.22	JP_2011_Tohoku_40_NS	0.42 7	21160.2 9	JP_2011_Tohoku_13_NS	0.55 3	150372.8 5	JP_2000_Tottori_04_NS	0.40 0	4877.1 1	JP_2000_Tottori_04_NS	0.40 0	4877.1 1	PE_2007_PISCO_05_NS	4.00 0	94908.32
	8	JP_2011_Fukushima_05_N S	0.51 5	6392.08	JP_2011_Miyagi_13_NS	0.49 9	22093.2 2	JP_2011_Tohoku_24_NS	1.09 4	302719.2 9	JP_2011_16AGO_01_EW	0.66 3	5227.6 0	JP_2011_16AGO_01_EW	0.66 3	5227.6 0	PE_2011_24AGO_01_NS	4.00 0	96869.29
	9	JP_2011_Fukushima_05_E W	0.72 1	7649.92	JP_2012_25AGO_NS	0.72 6	24336.3 3	JP_2011_Tohoku_26_EW	0.95 1	409650.3 3	JP_2011_Tohoku_43_NS	0.34 8	5431.4 9	JP_2011_Tohoku_43_NS	0.34 8	5431.4 9	PE_2011_24AGO_03_NS	4.00 0	95460.27
	10	JP_2011_Tohoku_43_EW	0.36 1	7865.78	JP_2008_Iwate_01_EW	0.48 2	25545.2 6	JP_2011_Tohoku_51_EW	0.86 7	711892.2 5	JP_2011_19MAR_02_NS	0.73 8	5823.1 4	JP_2011_19MAR_02_NS	0.73 8	5823.1 4	PE_2011_24AGO_04_EW	4.00 0	62364.21
	11	JP_2008_Iwate_01_NS	0.31 1	8829.85	US_1992_Petrolia_Aftershock_03_3 60	0.84 8	27121.8 5	JP_2021_Fukushima_07_E W	0.81 9	130106.9 4	JP_2011_Fukushima_03_E W	0.55 8	5856.3 4	JP_2011_Fukushima_03_E W	0.55 8	5856.3 4	PE_2011_24AGO_05_NS	4.00 0	92374.45
	12	JP_2011_19MAR_02_EW	0.60 4	9009.22	PE_2007_PISCO_02_NS	3.92 1	29167.4 0	JP_2021_Fukushima_08_E W	0.74 3	200257.0 4	JP_2012_30AGO_EW	0.39 3	6171.6 0	JP_2011_Fukushima_05_NS	0.50 5	6334.1 5	PE_2011_24AGO_06_NS	4.00 0	91938.29
	13	JP_2011_Fukushima_03_E W	0.65 8	9378.12	JP_2011_Tohoku_58_NS	0.60 0	32121.5 2	PE_2001_23JUN_NS	1.56 7	359813.5 5	JP_2011_Fukushima_05_N S	0.50 5	6334.1 5	JP_2011_Fukushima_05_E W	0.64 8	6351.4 4	PE_2011_24AGO_07_EW	4.00 0	98916.04
	14	JP_2000_Mie_NS	0.39 8	9617.83	JP_2000_Tottori_04_EW	0.99 5	35898.1 0	PE_2005_25SET_02_EW	3.75 0	256370.0 3	JP_2011_Fukushima_05_E W	0.64 8	6351.4 4	MX_1985_Guerrero_N00W	0.59 5	6390.4 5	PE_2011_24AGO_07_NS	4.00 0	100335.5 3
	15	JP_2003_Hokkaido_06_EW	0.48 7	10269.6 7	JP_2007_Noto_01_EW	0.30 6	36082.4 0	PE_2005_25SET_02_NS	3.99 0	437938.4 3	MX_1985_Guerrero_N00W	0.59 5	6390.4 5	MX_1985_Guerrero_N90W	0.69 3	6544.5 7	PE_2015_24NOV_01_EW	4.00 0	115403.4 2
	16	JP_2011_19MAR_02_NS	0.89 0	10778.5 8	JP_2021_Fukushima_01_EW	0.47 7	36449.5 6	TW_1999_ChiChi_04_90	1.11 6	197538.7 6	MX_1985_Guerrero_N90W	0.69 3	6544.5 7	JP_2008_Iwate_01_NS	0.27 3	6784.4 3	PE_2015_24NOV_02_EW	4.00 0	115835.5 1
	17	JP_2005_Miyagi_02_EW	0.61 7	10824.1 7	JP_2011_Tohoku_19_NS	0.50 4	37159.0 0	TW_1999_ChiChi_08_360	0.97 6	186017.3 6	JP_2008_Iwate_01_NS	0.27 3	6784.4 3	JP_2013_13APR_EW	0.55 8	7126.0 6	PE_2015_24NOV_02_NS	4.00 0	115916.1 3
	18	MX_1985_Guerrero_N90W	0.84 6	11811.8 7	JP_2011_Miyagi_10_NS	0.41 1	37405.4 9	US_1989_Loma Prieta_04_90	1.11 0	653983.8 2	JP_2013_13APR_EW	0.55 8	7126.0 6	JP_2011_Tohoku_43_EW	0.33 3	7209.4 0	PE_2015_24NOV_04_NS	4.00 0	105233.4 0
	19	JP_2011_Tohoku_43_NS	0.43 1	11969.5 9	JP_2011_Tohoku_19_EW	0.48 8	39476.8 9	US_1989_Loma Prieta_06_0	0.93 8	130430.1 0	JP_2011_Tohoku_43_EW	0.33 3	7209.4 0	JP_2011_Miyagi_18_NS	0.40 8	7569.6 4	US_1992_Petrolia_Aftershock_01_9 0	0.31 8	78245.61

	20	JP_2013_13APR_NS	0.930	13031.59	JP_2011_16APR_01_EW	1.445	42449.99	US_1992_Big Bear_270	0.638	87724.21	JP_2011_Miyagi_18_NS	0.408	7569.64	JP_2005_Miyagi_02_EW	0.528	7583.71	US_1992_Petrolia_Aftershock_02_360	0.438	69340.98
RMS E	1	JP_2001_Geiyō_02_NS	0.448	54.05	JP_2011_Fukushima_03_EW	0.658	96.84	CH_2010_Maule_04_Long	0.991	527.46	JP_2001_Geiyō_02_NS	0.438	53.54	JP_2001_Geiyō_02_NS	0.438	53.54	JP_2003_Hokkaido_02_NS	0.250	301.26
	2	JP_2001_Geiyō_02_EW	0.442	56.33	JP_2005_Miyagi_02_EW	0.617	104.04	CH_2014_Iquique_02_EW	2.783	430.77	JP_2001_Geiyō_02_EW	0.453	56.13	JP_2001_Geiyō_02_EW	0.453	56.13	JP_2003_Hokkaido_10_EW	0.250	296.06
	3	JP_2011_Tohoku_61_NS	0.618	62.30	JP_2005_Miyagi_02_NS	0.915	125.89	JP_2003_Hokkaido_07_NS	1.043	393.27	JP_2011_19MAR_02_EW	0.498	61.69	JP_2011_19MAR_02_EW	0.498	61.69	JP_2004_23OCT_NS	0.588	260.03
	4	JP_2011_Miyagi_07_EW	0.274	67.90	JP_2011_Tohoku_34_EW	0.255	126.01	JP_2004_Chuet-su_06_EW	0.573	574.31	JP_2011_Tohoku_61_NS	0.610	62.03	JP_2011_Tohoku_61_NS	0.610	62.03	JP_2011_Fukushima_04_NS	0.250	277.65
	5	JP_2000_Tottori_04_NS	0.367	75.97	JP_2011_Tohoku_40_EW	0.289	131.74	JP_2011_Miyagi_11_EW	0.560	487.44	JP_2011_Miyagi_07_EW	0.265	66.91	JP_2011_Miyagi_07_EW	0.265	66.91	JP_2011_Tohoku_31_NS	0.273	251.84
	6	JP_2011_16AGO_01_EW	0.718	77.55	JP_2011_Tohoku_07_EW	0.476	144.00	JP_2011_Tohoku_13_EW	0.799	473.76	JP_2013_13APR_NS	0.730	67.34	JP_2013_13APR_NS	0.730	67.34	JP_2011_Tohoku_59_EW	0.490	192.14
	7	JP_2012_30AGO_EW	0.407	79.60	JP_2011_Tohoku_40_NS	0.427	145.47	JP_2011_Tohoku_13_NS	0.553	387.78	JP_2000_Tottori_04_NS	0.400	69.84	JP_2000_Tottori_04_NS	0.400	69.84	PE_2007_PISCO_05_NS	4.000	308.07
	8	JP_2011_Fukushima_05_NS	0.515	79.95	JP_2011_Miyagi_13_NS	0.499	148.64	JP_2011_Tohoku_24_NS	1.094	550.20	JP_2011_16AGO_01_EW	0.663	72.30	JP_2011_16AGO_01_EW	0.663	72.30	PE_2011_24AGO_01_NS	4.000	311.24
	9	JP_2011_Fukushima_05_EW	0.721	87.46	JP_2012_25AGO_NS	0.726	156.00	JP_2011_Tohoku_26_EW	0.951	640.04	JP_2011_Tohoku_43_NS	0.348	73.70	JP_2011_Tohoku_43_NS	0.348	73.70	PE_2011_24AGO_03_NS	4.000	308.97
	10	JP_2011_Tohoku_43_EW	0.361	88.69	JP_2008_Iwate_01_EW	0.482	159.83	JP_2011_Tohoku_51_EW	0.867	843.74	JP_2011_19MAR_02_NS	0.738	76.31	JP_2011_19MAR_02_NS	0.738	76.31	PE_2011_24AGO_04_EW	4.000	249.73
	11	JP_2008_Iwate_01_NS	0.311	93.97	US_1992_Petrolia_Aftershock_03_360	0.848	164.69	JP_2021_Fukushima_07_EW	0.819	360.70	JP_2011_Fukushima_03_EW	0.558	76.53	JP_2011_Fukushima_03_EW	0.558	76.53	PE_2011_24AGO_05_NS	4.000	303.93
	12	JP_2011_19MAR_02_EW	0.604	94.92	PE_2007_PISCO_02_NS	3.921	170.78	JP_2021_Fukushima_08_EW	0.743	447.50	JP_2012_30AGO_EW	0.393	78.56	JP_2011_Fukushima_05_NS	0.505	79.59	PE_2011_24AGO_06_NS	4.000	303.21
	13	JP_2011_Fukushima_03_EW	0.658	96.84	JP_2011_Tohoku_58_NS	0.600	179.22	PE_2001_23JUN_NS	1.567	599.84	JP_2011_Fukushima_05_NS	0.505	79.59	JP_2011_Fukushima_05_EW	0.648	79.70	PE_2011_24AGO_07_EW	4.000	314.51
	14	JP_2000_Mie_NS	0.398	98.07	JP_2000_Tottori_04_EW	0.995	189.47	PE_2005_25SET_02_EW	3.750	506.33	JP_2011_Fukushima_05_EW	0.648	79.70	MX_1985_Guerrero_N00W	0.595	79.94	PE_2011_24AGO_07_NS	4.000	316.76
	15	JP_2003_Hokkaido_06_EW	0.487	101.34	JP_2007_Noto_01_EW	0.306	189.95	PE_2005_25SET_02_NS	3.990	661.77	MX_1985_Guerrero_N00W	0.595	79.94	MX_1985_Guerrero_N90W	0.693	80.90	PE_2015_24NOV_01_EW	4.000	339.71
	16	JP_2011_19MAR_02_NS	0.890	103.82	JP_2021_Fukushima_01_EW	0.477	190.92	TW_1999_ChiChi_04_90	1.116	444.45	MX_1985_Guerrero_N90W	0.693	80.90	JP_2008_Iwate_01_NS	0.273	82.37	PE_2015_24NOV_02_EW	4.000	340.35
	17	JP_2005_Miyagi_02_EW	0.617	104.04	JP_2011_Tohoku_19_NS	0.504	192.77	TW_1999_ChiChi_08_360	0.976	431.30	JP_2008_Iwate_01_NS	0.273	82.37	JP_2013_13APR_EW	0.558	84.42	PE_2015_24NOV_02_NS	4.000	340.46
	18	MX_1985_Guerrero_N90W	0.846	108.68	JP_2011_Miyagi_10_NS	0.411	193.40	US_1989_Loma Prieta_04_90	1.110	808.69	JP_2013_13APR_EW	0.558	84.42	JP_2011_Tohoku_43_EW	0.333	84.91	PE_2015_24NOV_04_NS	4.000	324.40
	19	JP_2011_Tohoku_43_NS	0.431	109.41	JP_2011_Tohoku_19_EW	0.488	198.69	US_1989_Loma Prieta_06_0	0.938	361.15	JP_2011_Tohoku_43_EW	0.333	84.91	JP_2011_Miyagi_18_NS	0.408	87.00	US_1992_Petrolia_Aftershock_01_90	0.318	279.72
	20	JP_2013_13APR_NS	0.930	114.16	JP_2011_16APR_01_EW	1.445	206.03	US_1992_Big Bear_270	0.638	296.18	JP_2011_Miyagi_18_NS	0.408	87.00	JP_2005_Miyagi_02_EW	0.528	87.08	US_1992_Petrolia_Aftershock_02_360	0.438	263.33

REGISTROS SELECCIONADOS CASO Nmr T=0.16s - TSemc-tr-2475																			
Caso:		TSemc-tr-2475_NSp_Sbs			TSemc-tr-2475_NSp_Sci			TSemc-tr-2475_NSp_Ssr			TSemc-tr-2475_NSr_Sbs			TSemc-tr-2475_NSr_Sci			TSemc-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2001_Geiyō_02_NS	0.562	55.34	JP_2011_19MAR_02_EW	0.758	85.35	CH_2010_Maule_04_Long	1.244	546.86	JP_2011_19MAR_02_EW	0.573	51.40	JP_2011_19MAR_02_EW	0.573	51.40	JP_2003_Hokkaido_02_NS	0.250	272.83
	2	JP_2011_Tohoku_61_NS	0.776	56.00	JP_2005_Miyagi_02_EW	0.775	101.03	CH_2014_Iquique_02_EW	3.493	475.68	JP_2001_Geiyō_02_NS	0.528	53.47	JP_2001_Geiyō_02_NS	0.528	53.47	JP_2003_Hokkaido_05_EW	0.250	216.01
	3	JP_2012_30AGO_EW	0.511	60.00	JP_2011_Tohoku_34_NS	0.266	102.42	JP_2003_Hokkaido_03_EW	1.034	821.14	JP_2011_Tohoku_61_NS	0.775	56.06	JP_2011_Tohoku_61_NS	0.775	56.06	JP_2004_27OCT_02_NS	0.603	198.62
	4	JP_2001_Geiyō_02_EW	0.555	60.71	JP_2011_Fukushima_03_EW	0.826	105.78	JP_2003_Hokkaido_07_NS	1.309	394.23	JP_2013_13APR_EW	0.655	58.84	JP_2013_13APR_EW	0.655	58.84	JP_2011_Tohoku_32_EW	0.250	191.88
	5	JP_2011_16AGO_01_EW	0.900	67.16	JP_2011_Tohoku_40_EW	0.362	127.24	JP_2004_Chuet-su_06_EW	0.719	600.97	JP_2013_13APR_NS	0.858	59.96	JP_2013_13APR_NS	0.858	59.96	JP_2021_Fukushima_02_NS	0.250	232.77
	6	JP_2011_Fukushima_05_NS	0.647	67.22	JP_2005_Miyagi_02_NS	1.148	130.04	JP_2007_Noto_01_NS	0.511	252.64	JP_2012_30AGO_EW	0.513	60.16	JP_2001_Geiyō_02_EW	0.550	60.96	PE_2001_23JUN_NS	0.250	240.35
	7	JP_2011_Fukushima_05_EW	0.905	68.24	JP_2012_25AGO_NS	0.912	131.78	JP_2011_Miyagi_11_EW	0.703	541.75	JP_2001_Geiyō_02_EW	0.550	60.96	JP_2011_Miyagi_07_EW	0.310	63.01	PE_2007_PISCO_05_NS	3.121	239.60
	8	JP_2011_Miyagi_07_EW	0.344	72.15	JP_2011_Tohoku_34_EW	0.319	137.35	JP_2011_Miyagi_16_EW	1.122	445.13	JP_2011_Miyagi_07_EW	0.310	63.01	MX_1985_Guerrero_N90W	0.850	63.47	PE_2011_24AGO_01_NS	4.000	234.39
	9	JP_2000_Mie_NS	0.500	73.37	JP_2011_Tohoku_07_EW	0.597	137.91	JP_2011_Tohoku_04_NS	1.098	654.95	MX_1985_Guerrero_N90W	0.850	63.47	JP_2011_Tohoku_43_NS	0.393	64.30	PE_2011_24AGO_03_NS	4.000	230.39
	10	JP_2000_Tottori_04_NS	0.460	77.42	JP_2011_16APR_01_EW	1.814	147.44	JP_2011_Tohoku_13_NS	0.694	349.53	JP_2011_Tohoku_43_NS	0.393	64.30	JP_2011_16AGO_01_EW	0.850	65.38	PE_2011_24AGO_04_EW	4.000	192.49
	11	JP_2011_Tohoku_61_EW	0.800	81.28	JP_2011_Tohoku_40_NS	0.536	147.74	JP_2011_Tohoku_23_NS	1.526	726.08	JP_2011_16AGO_01_EW	0.850	65.38	JP_2011_Fukushima_05_EW	0.873	66.59	PE_2011_24AGO_05_NS	4.000	228.77
	12	JP_2000_Tottori_03_NS	0.770	82.20	JP_2001_Geiyō_01_EW	0.596	152.76	JP_2011_Tohoku_24_NS	1.373	537.40	JP_2011_Fukushima_05_EW	0.873	66.59	JP_2011_Fukushima_05_NS	0.633	67.08	PE_2011_24AGO_06_NS	4.000	229.01

	13	MX_1985_Guerrero_N90W	1.062	83.52	JP_2011_Miyagi_13_NS	0.626	160.70	JP_2011_Tohoku_26_EW	1.194	623.07	JP_2011_Fukushima_05_NS	0.633	67.08	MX_1985_Guerrero_N00W	0.663	68.62	PE_2011_24AGO_07_EW	4.000	240.29
	14	JP_2011_Tohoku_43_EW	0.452	84.36	US_1992_Petrolia_Aftershock_03_360	1.064	167.21	JP_2011_Tohoku_50_EW	1.419	923.93	MX_1985_Guerrero_N00W	0.663	68.62	JP_2011_19MAR_02_NS	0.955	70.10	PE_2015_24NOV_01_EW	4.000	260.08
	15	JP_2011_19MAR_02_EW	0.758	85.35	JP_2012_25AGO_EW	0.790	171.41	JP_2018_Hokkaido_02_EW	1.201	602.06	JP_2011_19MAR_02_NS	0.955	70.10	JP_2011_Miyagi_18_NS	0.475	71.27	PE_2015_24NOV_02_EW	4.000	260.73
	16	JP_2011_19MAR_02_NS	1.116	88.34	JP_2004_29NOV_03_NS	0.491	172.94	JP_2018_Hokkaido_03_EW	0.839	569.78	JP_2011_Miyagi_18_NS	0.475	71.27	JP_2011_Tohoku_07_NS	0.445	73.13	PE_2015_24NOV_02_NS	4.000	260.85
	17	JP_2011_Tohoku_46_EW	0.520	88.46	JP_2011_Tohoku_58_NS	0.752	173.24	TW_1999_ChiChi_04_90	1.401	480.99	JP_2011_Tohoku_07_NS	0.445	73.13	JP_2000_Tottori_03_NS	0.708	73.43	PE_2015_24NOV_04_NS	4.000	241.69
	18	JP_2011_Tohoku_43_NS	0.541	94.31	JP_2011_Miyagi_10_NS	0.516	175.15	TW_1999_ChiChi_08_360	1.225	431.94	JP_2000_Tottori_03_NS	0.708	73.43	JP_2000_Mie_NS	0.505	73.51	TW_1999_ChiChi_09_90	0.250	227.09
	19	JP_2011_Tohoku_07_NS	0.576	99.27	JP_2000_Tottori_04_EW	1.248	176.55	US_1981_Westmorland_90	1.411	620.22	JP_2000_Mie_NS	0.505	73.51	JP_2000_Tottori_04_NS	0.520	73.92	US_1992_Petrolia_Aftershock_01_90	0.250	243.09
	20	JP_2005_Miyagi_02_EW	0.775	101.03	JP_2008_Iwate_01_EW	0.605	187.31	US_1989_Loma Prieta_06_0	1.177	408.91	JP_2000_Tottori_04_NS	0.520	73.92	JP_2011_Fukushima_01_EW	0.580	74.77	US_1994_Northridge_02_90	0.250	228.53
MAP E	1	JP_2001_Geiyō_02_NS	0.562	241.93	JP_2011_19MAR_02_EW	0.758	478.52	CH_2010_Maule_04_Long	1.244	3458.41	PE_2015_24NOV_04_NS	3.879	62.18	JP_2011_Fukushima_01_EW	0.258	67.60	CH_2014_Iquique_02_NS	0.250	190.75
	2	JP_2000_Mie_NS	0.500	271.18	JP_2011_Fukushima_01_NS	1.240	479.32	CH_2014_Iquique_02_EW	3.493	5020.60	JP_2011_Fukushima_01_EW	0.258	67.60	JP_2011_19MAR_01_EW	0.250	72.92	CH_2014_PSGCX_NS	0.250	256.68
	3	JP_2011_Fukushima_01_EW	0.873	273.83	JP_2012_25AGO_EW	0.790	480.92	JP_2003_Hokkaido_03_EW	1.034	9145.93	PE_2015_24NOV_04_EW	4.000	68.49	PE_2005_13JUN_03_EW	0.250	76.43	JP_2003_Hokkaido_02_NS	0.250	3057.26
	4	MX_1985_Guerrero_N90W	1.062	282.37	JP_2001_Geiyō_01_EW	0.596	587.31	JP_2003_Hokkaido_07_NS	1.309	7485.22	JP_2011_19MAR_01_EW	0.250	72.92	PE_2005_13JUN_05_NS	0.250	82.22	JP_2004_27OCT_02_NS	0.250	322.22
	5	JP_2003_Miyagi_07_NS	0.452	323.93	US_1992_Petrolia_Aftershock_03_90	0.738	590.66	JP_2004_Chuetsu_06_EW	0.719	5058.01	PE_2005_13JUN_03_EW	0.250	76.43	PE_1974_05ENE_01_EW	0.250	87.42	PE_1974_03OCT_EW	0.250	333.57
	6	JP_2011_Miyagi_10_EW	0.447	330.88	PE_1974_05ENE_01_NS	2.960	597.43	JP_2007_Noto_01_NS	0.511	1641.19	PE_1974_05ENE_01_NS	0.250	77.06	JP_2011_Fukushima_01_NS	0.250	89.86	PE_2001_07JUL_02_NS	0.250	174.32
	7	JP_2012_30AGO_EW	0.511	442.47	JP_2011_Tohoku_40_EW	0.362	624.62	JP_2011_Miyagi_11_EW	0.703	3879.74	PE_2011_24AGO_04_NS	0.618	77.60	PE_1974_05ENE_02_EW	0.250	90.05	PE_2005_13JUN_04_EW	0.250	116.52
	8	JP_2000_Mie_EW	1.968	443.56	JP_2003_Miyagi_09_EW	0.785	655.72	JP_2011_Miyagi_16_EW	1.122	3633.00	PE_2005_13JUN_03_NS	0.250	78.90	MX_1985_Guerrero_N90W	0.250	91.61	PE_2010_05MAY_02_EW	0.250	232.97
	9	JP_2011_19MAR_02_EW	0.758	478.52	US_2005_Anza_02_90	1.159	679.14	JP_2011_Tohoku_04_NS	1.098	7847.01	PE_2005_25SET_01_NS	0.760	82.22	JP_2011_Tohoku_57_EW	0.250	92.45	PE_2011_24AGO_01_NS	0.423	93.26
	10	JP_2011_Fukushima_01_NS	1.240	479.32	JP_2021_Miyagi_02_EW	1.245	684.08	JP_2011_Tohoku_13_NS	0.694	2065.43	PE_2005_13JUN_05_NS	0.250	82.22	CH_1995_Antofagasta_Transv	0.250	98.37	PE_2011_24AGO_03_NS	0.445	92.65
	11	JP_2012_25AGO_EW	0.790	480.92	JP_2021_Fukushima_06_NS	0.892	698.32	JP_2011_Tohoku_23_NS	1.526	6736.76	PE_2005_25SET_03_NS	1.030	82.52	JP_2016_28DEC_EW	0.250	102.09	PE_2011_24AGO_04_EW	0.273	82.68
	12	JP_2011_Tohoku_61_EW	0.800	489.33	JP_2011_Miyagi_10_NS	0.516	745.73	JP_2011_Tohoku_24_NS	1.373	2803.56	PE_2011_24AGO_04_EW	0.273	82.68	JP_2001_Geiyō_02_NS	0.250	102.54	PE_2011_24AGO_05_NS	0.453	92.63
	13	JP_2011_Tohoku_46_EW	0.520	497.64	JP_2003_Miyagi_04_NS	1.278	770.10	JP_2011_Tohoku_26_EW	1.194	4948.09	PE_1974_05ENE_02_NS	0.250	82.91	JP_2011_Tohoku_57_NS	0.250	105.71	PE_2011_24AGO_07_EW	0.250	99.07
	14	MX_1985_Guerrero_N00W	1.006	498.18	JP_2000_Tottori_04_EW	1.248	774.99	JP_2011_Tohoku_50_EW	1.419	8160.92	PE_2005_25SET_01_EW	0.625	84.93	PE_2005_13JUN_07_EW	0.250	109.16	PE_2015_24NOV_01_EW	4.000	95.33
	15	US_2005_Anza_02_360	0.893	507.37	JP_2011_Tohoku_07_EW	0.597	794.86	JP_2018_Hokkaido_02_EW	1.201	6475.63	PE_2005_25SET_03_EW	0.730	85.10	US_2005_Anza_02_90	0.250	109.98	PE_2015_24NOV_02_EW	4.000	95.75
	16	JP_2011_19MAR_01_NS	0.892	515.11	JP_2011_Tohoku_58_NS	0.752	824.26	JP_2018_Hokkaido_03_EW	0.839	4018.39	PE_1974_05ENE_01_EW	0.250	87.42	JP_2011_19MAR_01_NS	0.250	110.50	PE_2015_24NOV_02_NS	4.000	96.30
	17	JP_2000_Tottori_04_NS	0.460	516.06	JP_2005_Miyagi_02_EW	0.775	836.06	TW_1999_ChiChi_04_90	1.401	14794.14	PE_2015_24NOV_05_NS	4.000	89.53	US_1991_SierraMadre_90	0.250	115.94	PE_2015_24NOV_04_NS	3.879	62.18
	18	JP_2011_Miyagi_02_NS	0.884	540.46	JP_2004_29NOV_03_NS	0.491	842.56	TW_1999_ChiChi_08_360	1.225	4349.31	PE_2011_24AGO_05_EW	0.415	89.63	PE_2005_13JUN_04_EW	0.250	116.52	TW_1999_ChiChi_09_90	0.250	914.30
	19	JP_2001_Geiyō_01_NS	0.712	551.66	JP_2003_Miyagi_05_NS	0.727	892.08	US_1981_Westmorland_90	1.411	6555.17	JP_2011_Fukushima_01_NS	0.250	89.86	MX_1985_Guerrero_N00W	0.250	117.46	US_1989_Loma Prieta_05_195	0.250	573.94
	20	JP_2011_19MAR_02_NS	1.116	560.72	JP_2003_Miyagi_02_EW	0.990	892.96	US_1989_Loma Prieta_06_0	1.177	6623.79	PE_1974_05ENE_02_EW	0.250	90.05	PE_2005_13JUN_05_EW	0.250	121.22	US_1992_Petrolia_Aftershock_01_90	0.250	907.47
MSE	1	JP_2001_Geiyō_02_NS	0.562	4838.92	JP_2011_19MAR_02_EW	0.758	15998.47	CH_2010_Maule_04_Long	1.244	447469.89	JP_2001_Geiyō_02_NS	0.543	4554.61	JP_2001_Geiyō_02_NS	0.543	4554.61	JP_2003_Hokkaido_02_NS	0.265	138366.23
	2	JP_2001_Geiyō_02_EW	0.555	5011.58	JP_2011_Tohoku_34_NS	0.266	16073.44	CH_2014_Iquique_02_EW	3.493	300935.45	JP_2001_Geiyō_02_EW	0.550	5017.76	JP_2001_Geiyō_02_EW	0.550	5017.76	JP_2003_Hokkaido_10_EW	0.250	132879.11
	3	JP_2011_Tohoku_61_NS	0.776	6145.39	JP_2011_Fukushima_03_EW	0.826	16534.85	JP_2003_Hokkaido_03_EW	1.034	1010000.29	JP_2011_Tohoku_61_NS	0.753	5928.89	JP_2011_Tohoku_61_NS	0.753	5928.89	JP_2007_Noto_01_EW	0.265	29022.22
	4	JP_2011_Miyagi_07_EW	0.344	7353.46	JP_2005_Miyagi_02_EW	0.775	18822.29	JP_2003_Hokkaido_07_NS	1.309	250320.89	JP_2011_19MAR_02_EW	0.610	6303.61	JP_2011_19MAR_02_EW	0.610	6303.61	JP_2011_Fukushima_04_NS	0.250	114723.79
	5	JP_2000_Tottori_04_NS	0.460	8285.77	JP_2005_Miyagi_02_NS	1.148	26882.86	JP_2004_Chuetsu_06_EW	0.719	528439.80	JP_2011_Miyagi_07_EW	0.325	6874.48	JP_2011_Miyagi_07_EW	0.325	6874.48	JP_2011_Tohoku_37_EW	0.250	116588.98
	6	JP_2012_30AGO_EW	0.511	9206.65	JP_2011_Tohoku_34_EW	0.319	26917.25	JP_2007_Noto_01_NS	0.511	108324.33	JP_2000_Tottori_04_NS	0.498	7362.42	JP_2000_Tottori_04_NS	0.498	7362.42	PE_2007_PISCO_05_EW	4.000	153011.01
	7	JP_2011_Fukushima_05_NS	0.647	9678.37	JP_2011_Tohoku_40_EW	0.362	29083.54	JP_2011_Miyagi_11_EW	0.703	383032.24	JP_2013_13APR_NS	0.895	7783.39	JP_2013_13APR_NS	0.895	7783.39	PE_2007_PISCO_05_NS	4.000	149720.08
	8	JP_2011_16AGO_01_EW	0.900	10237.16	JP_2011_Tohoku_07_EW	0.597	35431.80	JP_2011_Miyagi_16_EW	1.122	266642.07	JP_2011_16AGO_01_EW	0.813	8387.05	JP_2011_16AGO_01_EW	0.813	8387.05	PE_2011_24AGO_01_NS	4.000	152847.04
	9	JP_2011_Tohoku_43_EW	0.452	12548.29	JP_2011_Tohoku_40_NS	0.536	35829.95	JP_2011_Tohoku_04_NS	1.098	636819.13	JP_2011_Tohoku_43_NS	0.430	8600.39	JP_2011_Tohoku_43_NS	0.430	8600.39	PE_2011_24AGO_03_NS	4.000	151096.43
	10	JP_2011_Fukushima_05_EW	0.905	12950.47	JP_2011_Miyagi_13_NS	0.626	37302.67	JP_2011_Tohoku_13_NS	0.694	242424.59	JP_2012_30AGO_EW	0.483	8702.25	JP_2011_Fukushima_05_NS	0.625	9408.59	PE_2011_24AGO_04_EW	4.000	107699.28
	11	JP_2000_Mie_NS	0.500	13370.48	JP_2012_25AGO_NS	0.912	40595.85	JP_2011_Tohoku_23_NS	1.526	845771.87	JP_2011_Fukushima_05_NS	0.625	9408.59	JP_2011_19MAR_02_NS	0.903	9516.41	PE_2011_24AGO_05_NS	4.000	147172.79

	12	JP_2008_Iwate_01_NS	0.391	14940.58	JP_2008_Iwate_01_EW	0.605	43124.93	JP_2011_Tohoku_24_NS	1.373	486457.60	JP_2011_19MAR_02_NS	0.903	9516.41	JP_2011_Fukushima_03_EW	0.685	9696.27	PE_2011_24AGO_06_NS	4.000	146649.50
	13	JP_2011_19MAR_02_EW	0.758	15998.47	US_1992_Petrolia_Aftershock_03_360	1.064	45330.78	JP_2011_Tohoku_26_EW	1.194	657940.39	JP_2011_Fukushima_03_EW	0.685	9696.27	JP_2011_Fukushima_05_EW	0.798	10134.76	PE_2011_24AGO_07_EW	4.000	155254.86
	14	JP_2011_Tohoku_34_NS	0.266	16073.44	JP_2011_Tohoku_58_NS	0.752	53607.29	JP_2011_Tohoku_50_EW	1.419	1076356.52	JP_2011_Fukushima_05_EW	0.798	10134.76	MX_1985_Guerrero_N90W	0.858	10307.56	PE_2011_24AGO_07_NS	4.000	157021.69
	15	JP_2011_Fukushima_03_EW	0.826	16534.85	JP_2000_Tottori_04_EW	1.248	60211.85	JP_2018_Hokkaido_02_EW	1.201	544260.26	MX_1985_Guerrero_N90W	0.858	10307.56	JP_2008_Iwate_01_NS	0.340	10777.64	PE_2015_24NOV_01_EW	4.000	175806.13
	16	JP_2003_Hokkaido_06_EW	0.612	17022.59	JP_2007_Noto_01_EW	0.384	60311.56	JP_2018_Hokkaido_03_EW	0.839	626647.35	JP_2008_Iwate_01_NS	0.340	10777.64	MX_1985_Guerrero_N00W	0.730	10788.09	PE_2015_24NOV_02_EW	4.000	176332.95
	17	JP_2011_19MAR_02_NS	1.116	18816.16	JP_2021_Fukushima_01_EW	0.599	60494.27	TW_1999_ChiChi_04_90	1.401	316483.17	MX_1985_Guerrero_N00W	0.730	10788.09	JP_2011_Tohoku_43_EW	0.415	10993.51	PE_2015_24NOV_02_NS	4.000	176430.60
	18	JP_2005_Miyagi_02_EW	0.775	18822.29	JP_2011_Tohoku_19_NS	0.632	60840.55	TW_1999_ChiChi_08_360	1.225	299854.80	JP_2011_Tohoku_43_EW	0.415	10993.51	JP_2011_Tohoku_34_NS	0.250	11518.72	PE_2015_24NOV_04_NS	4.000	163283.42
	19	MX_1985_Guerrero_N90W	1.062	20059.31	JP_2011_Miyagi_10_NS	0.516	62685.04	US_1981_Westmorland_90	1.411	538155.73	JP_2011_Tohoku_34_NS	0.250	11518.72	JP_2013_13APR_EW	0.685	11598.69	PE_2015_24NOV_05_NS	4.000	172952.45
	20	JP_2011_Tohoku_43_NS	0.541	20509.11	JP_2011_Tohoku_19_EW	0.613	64189.76	US_1989_Loma Prieta_06_0	1.177	210982.58	JP_2013_13APR_EW	0.685	11598.69	JP_2011_Miyagi_18_NS	0.505	12370.92	US_1992_Petrolia_Aftershock_02_360	0.535	107424.52
RMS E	1	JP_2001_Geiyō_02_NS	0.562	69.56	JP_2011_19MAR_02_EW	0.758	126.49	CH_2010_Maule_04_Long	1.244	668.93	JP_2001_Geiyō_02_NS	0.543	67.49	JP_2001_Geiyō_02_NS	0.543	67.49	JP_2003_Hokkaido_02_NS	0.265	371.98
	2	JP_2001_Geiyō_02_EW	0.555	70.79	JP_2011_Tohoku_34_NS	0.266	126.78	CH_2014_Iquique_02_EW	3.493	548.58	JP_2001_Geiyō_02_EW	0.550	70.84	JP_2001_Geiyō_02_EW	0.550	70.84	JP_2003_Hokkaido_10_EW	0.250	364.53
	3	JP_2011_Tohoku_61_NS	0.776	78.39	JP_2011_Fukushima_03_EW	0.826	128.59	JP_2003_Hokkaido_03_EW	1.034	1004.99	JP_2011_Tohoku_61_NS	0.753	77.00	JP_2011_Tohoku_61_NS	0.753	77.00	JP_2007_Noto_01_EW	0.265	170.36
	4	JP_2011_Miyagi_07_EW	0.344	85.75	JP_2005_Miyagi_02_EW	0.775	137.19	JP_2003_Hokkaido_07_NS	1.309	500.32	JP_2011_19MAR_02_EW	0.610	79.40	JP_2011_19MAR_02_EW	0.610	79.40	JP_2011_Fukushima_04_NS	0.250	338.71
	5	JP_2000_Tottori_04_NS	0.460	91.03	JP_2005_Miyagi_02_NS	1.148	163.96	JP_2004_Chuetzu_06_EW	0.719	726.94	JP_2011_Miyagi_07_EW	0.325	82.91	JP_2011_Miyagi_07_EW	0.325	82.91	JP_2011_Tohoku_37_EW	0.250	341.45
	6	JP_2012_30AGO_EW	0.511	95.95	JP_2011_Tohoku_34_EW	0.319	164.06	JP_2007_Noto_01_NS	0.511	329.13	JP_2000_Tottori_04_NS	0.498	85.80	JP_2000_Tottori_04_NS	0.498	85.80	PE_2007_PISCO_05_EW	4.000	391.17
	7	JP_2011_Fukushima_05_NS	0.647	98.38	JP_2011_Tohoku_40_EW	0.362	170.54	JP_2011_Miyagi_11_EW	0.703	618.90	JP_2013_13APR_NS	0.895	88.22	JP_2013_13APR_NS	0.895	88.22	PE_2007_PISCO_05_NS	4.000	386.94
	8	JP_2011_16AGO_01_EW	0.900	101.18	JP_2011_Tohoku_07_EW	0.597	188.23	JP_2011_Miyagi_16_EW	1.122	516.37	JP_2011_16AGO_01_EW	0.813	91.58	JP_2011_16AGO_01_EW	0.813	91.58	PE_2011_24AGO_01_NS	4.000	390.96
	9	JP_2011_Tohoku_43_EW	0.452	112.02	JP_2011_Tohoku_40_NS	0.536	189.29	JP_2011_Tohoku_04_NS	1.098	798.01	JP_2011_Tohoku_43_NS	0.430	92.74	JP_2011_Tohoku_43_NS	0.430	92.74	PE_2011_24AGO_03_NS	4.000	388.71
	10	JP_2011_Fukushima_05_EW	0.905	113.80	JP_2011_Miyagi_13_NS	0.626	193.14	JP_2011_Tohoku_13_NS	0.694	492.37	JP_2012_30AGO_EW	0.483	93.29	JP_2011_Fukushima_05_NS	0.625	97.00	PE_2011_24AGO_04_EW	4.000	328.18
	11	JP_2000_Mie_NS	0.500	115.63	JP_2012_25AGO_NS	0.912	201.48	JP_2011_Tohoku_23_NS	1.526	919.66	JP_2011_Fukushima_05_NS	0.625	97.00	JP_2011_19MAR_02_NS	0.903	97.55	PE_2011_24AGO_05_NS	4.000	383.63
	12	JP_2008_Iwate_01_NS	0.391	122.23	JP_2008_Iwate_01_EW	0.605	207.67	JP_2011_Tohoku_24_NS	1.373	697.47	JP_2011_19MAR_02_NS	0.903	97.55	JP_2011_Fukushima_03_EW	0.685	98.47	PE_2011_24AGO_06_NS	4.000	382.95
	13	JP_2011_19MAR_02_EW	0.758	126.49	US_1992_Petrolia_Aftershock_03_360	1.064	212.91	JP_2011_Tohoku_26_EW	1.194	811.14	JP_2011_Fukushima_03_EW	0.685	98.47	JP_2011_Fukushima_05_EW	0.798	100.67	PE_2011_24AGO_07_EW	4.000	394.02
	14	JP_2011_Tohoku_34_NS	0.266	126.78	JP_2011_Tohoku_58_NS	0.752	231.53	JP_2011_Tohoku_50_EW	1.419	1037.48	JP_2011_Fukushima_05_EW	0.798	100.67	MX_1985_Guerrero_N90W	0.858	101.53	PE_2011_24AGO_07_NS	4.000	396.26
	15	JP_2011_Fukushima_03_EW	0.826	128.59	JP_2000_Tottori_04_EW	1.248	245.38	JP_2018_Hokkaido_02_EW	1.201	737.74	MX_1985_Guerrero_N90W	0.858	101.53	JP_2008_Iwate_01_NS	0.340	103.82	PE_2015_24NOV_01_EW	4.000	419.29
	16	JP_2003_Hokkaido_06_EW	0.612	130.47	JP_2007_Noto_01_EW	0.384	245.58	JP_2018_Hokkaido_03_EW	0.839	791.61	JP_2008_Iwate_01_NS	0.340	103.82	MX_1985_Guerrero_N00W	0.730	103.87	PE_2015_24NOV_02_EW	4.000	419.92
	17	JP_2011_19MAR_02_NS	1.116	137.17	JP_2021_Fukushima_01_EW	0.599	245.96	TW_1999_ChiChi_04_90	1.401	562.57	MX_1985_Guerrero_N00W	0.730	103.87	JP_2011_Tohoku_43_EW	0.415	104.85	PE_2015_24NOV_02_NS	4.000	420.04
	18	JP_2005_Miyagi_02_EW	0.775	137.19	JP_2011_Tohoku_19_NS	0.632	246.66	TW_1999_ChiChi_08_360	1.225	547.59	JP_2011_Tohoku_43_EW	0.415	104.85	JP_2011_Tohoku_34_NS	0.250	107.33	PE_2015_24NOV_04_NS	4.000	404.08
	19	MX_1985_Guerrero_N90W	1.062	141.63	JP_2011_Miyagi_10_NS	0.516	250.37	US_1981_Westmorland_90	1.411	733.59	JP_2011_Tohoku_34_NS	0.250	107.33	JP_2013_13APR_EW	0.685	107.70	PE_2015_24NOV_05_NS	4.000	415.88
	20	JP_2011_Tohoku_43_NS	0.541	143.21	JP_2011_Tohoku_19_EW	0.613	253.36	US_1989_Loma Prieta_06_0	1.177	459.33	JP_2013_13APR_EW	0.685	107.70	JP_2011_Miyagi_18_NS	0.505	111.22	US_1992_Petrolia_Aftershock_02_360	0.535	327.76

REGISTROS SELECCIONADOS CASO Nmr T=0.16s - TSepu-tr-475																			
Caso:		TSepu-tr-475_NSp_Sbs			TSepu-tr-475_NSp_Sci			TSepu-tr-475_NSp_Ssr			TSepu-tr-475_NSr_Sbs			TSepu-tr-475_NSr_Sci			TSepu-tr-475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetzu_07_EW	0.648	62.45	JP_2004_Chuetzu_07_EW	0.648	62.45	CH_2010_Maule_01_Transv	1.243	143.69	PE_1974_03OCT_EW	1.848	60.22	PE_1974_03OCT_EW	1.848	60.22	JP_2003_Hokkaido_07_NS	1.030	123.00
	2	PE_1974_03OCT_EW	1.980	70.23	PE_1974_03OCT_EW	1.980	70.23	CH_2010_Maule_03_Long	1.015	214.37	JP_2004_Chuetzu_05_EW	0.460	61.51	JP_2004_Chuetzu_05_EW	0.460	61.51	JP_2011_Tohoku_50_EW	0.640	122.24
	3	CH_2010_Maule_04_Long	0.783	80.24	CH_2010_Maule_04_Long	0.783	80.24	JP_2003_Hokkaido_12_EW	0.909	166.35	JP_2004_Chuetzu_07_EW	0.648	62.44	JP_2004_Chuetzu_07_EW	0.648	62.44	JP_2021_Fukushima_08_EW	0.663	157.12
	4	PE_2005_25SET_02_EW	2.963	80.63	PE_2005_25SET_02_EW	2.963	80.63	JP_2004_23OCT_NS	1.800	157.14	PE_2010_05MAY_01_EW	3.788	64.13	PE_2010_05MAY_01_EW	3.788	64.13	PE_2007_PISCO_03_EW	4.000	133.35

	5	JP_2011_Tohoku_50_NS	0.625	81.39	JP_2011_Tohoku_50_NS	0.625	81.39	JP_2004_29NOV_02_NS	0.937	181.99	JP_2003_Hokkaido_06_NS	0.880	72.91	JP_2003_Hokkaido_06_NS	0.880	72.91	PE_2007_PISCO_04_EW	4.000	133.35
	6	JP_2011_Tohoku_10_NS	0.488	88.15	JP_2011_Tohoku_10_NS	0.488	88.15	JP_2011_Tohoku_03_EW	0.798	123.06	JP_2011_Tohoku_55_EW	0.940	74.36	JP_2011_Tohoku_55_EW	0.940	74.36	PE_2007_PISCO_05_EW	4.000	493.41
	7	JP_2011_Miyagi_11_EW	0.443	89.63	JP_2011_Miyagi_11_EW	0.443	89.63	JP_2011_Tohoku_04_NS	0.692	172.12	CH_2016_GO07_NS	1.030	78.28	CH_2016_GO07_NS	1.030	78.28	PE_2007_PISCO_05_NS	4.000	470.05
	8	JP_2011_Tohoku_10_EW	0.481	89.69	JP_2011_Tohoku_10_EW	0.481	89.69	JP_2011_Tohoku_13_NS	0.437	184.17	PE_2005_25SET_02_EW	3.061	78.69	PE_2005_25SET_02_EW	3.061	78.69	PE_2011_24AGO_01_NS	4.000	509.78
	9	CH_2016_GO07_NS	1.111	90.30	CH_2016_GO07_NS	1.111	90.30	JP_2011_Tohoku_31_EW	0.699	162.27	JP_2011_Tohoku_50_NS	0.648	79.54	JP_2011_Tohoku_50_NS	0.648	79.54	PE_2011_24AGO_03_NS	4.000	505.71
	10	CH_2010_Maule_03_Trans	0.843	91.87	JP_2011_Tohoku_32_NS	0.768	95.04	JP_2011_Tohoku_32_NS	0.768	95.04	US_1994_Northridge_01_90	1.333	79.69	US_1994_Northridge_01_90	1.333	79.69	PE_2011_24AGO_04_EW	4.000	434.25
	11	JP_2011_Tohoku_32_NS	0.768	95.04	TW_1999_ChiChi_10_90	0.424	97.16	JP_2016_Kumamoto_03_EW	0.491	173.73	CH_2010_Maule_04_Long	0.783	80.26	CH_2010_Maule_04_Long	0.783	80.26	PE_2011_24AGO_05_NS	4.000	504.09
	12	TW_1999_ChiChi_10_90	0.424	97.16	JP_2004_14DEC_EW	0.381	98.24	JP_2016_Kumamoto_04_NS	0.700	168.44	TW_1999_ChiChi_10_90	0.490	80.38	TW_1999_ChiChi_10_90	0.490	80.38	PE_2011_24AGO_06_NS	4.000	504.39
	13	JP_2004_14DEC_EW	0.381	98.24	JP_2016_Kumamoto_05_EW	1.287	99.24	JP_2018_Osake_EW	0.411	203.77	US_1989_Loma Prieta_06_0	0.963	80.87	US_1989_Loma Prieta_06_0	0.963	80.87	PE_2011_24AGO_07_EW	4.000	495.42
	14	JP_2016_Kumamoto_05_EW	1.287	99.24	CH_2014_Iquique_02_EW	2.199	99.87	JP_2021_Fukushima_07_EW	0.647	217.56	JP_2004_Chuettsu_07_NS	0.798	83.74	JP_2004_Chuettsu_07_NS	0.798	83.74	PE_2011_24AGO_07_NS	4.000	497.29
	15	CH_2014_Iquique_02_EW	2.199	99.87	JP_2011_Tohoku_38_EW	0.831	100.87	PE_2005_25SET_02_EW	2.963	80.63	JP_2011_Tohoku_10_EW	0.438	84.16	JP_2011_Tohoku_10_EW	0.438	84.16	PE_2015_24NOV_01_EW	4.000	536.51
	16	JP_2011_Tohoku_38_EW	0.831	100.87	JP_2004_Chuettsu_07_NS	0.950	102.40	PE_2005_25SET_02_NS	3.153	160.69	JP_2011_Tohoku_10_NS	0.543	84.35	JP_2011_Tohoku_10_NS	0.543	84.35	PE_2015_24NOV_02_EW	4.000	537.15
	17	JP_2004_Chuettsu_07_NS	0.950	102.40	JP_2004_Chuettsu_06_EW	0.452	104.01	PE_2007_PISCO_01_EW	1.166	174.09	CH_2014_Iquique_02_EW	2.606	85.15	CH_2014_Iquique_02_EW	2.606	85.15	PE_2015_24NOV_02_NS	4.000	537.28
	18	JP_2004_Chuettsu_06_EW	0.452	104.01	JP_1997_13MAY_EW	0.426	106.78	TW_1999_ChiChi_04_90	0.882	154.44	CH_2010_Maule_03_Trans	0.768	85.54	CH_2010_Maule_03_Trans	0.768	85.54	PE_2015_24NOV_04_EW	4.000	520.23
	19	JP_1997_13MAY_EW	0.426	106.78	JP_2011_Tohoku_59_EW	0.947	107.75	US_1989_Loma Prieta_04_90	0.877	213.86	JP_2011_Miyagi_17_NS	0.520	87.59	JP_2011_Miyagi_17_NS	0.520	87.59	PE_2015_24NOV_04_NS	4.000	517.91
	20	PE_2001_07JUL_02_NS	2.597	107.36	JP_2011_Tohoku_09_EW	0.830	109.03	US_1992_Petrolia_01_90	0.663	229.58	JP_2011_Miyagi_11_EW	0.445	89.86	JP_2011_Miyagi_11_EW	0.445	89.86	PE_2015_24NOV_05_NS	4.000	533.96
MAP E	1	JP_2004_Chuettsu_07_EW	0.648	14.61	JP_2004_Chuettsu_07_EW	0.648	14.61	CH_2010_Maule_01_Transv	1.243	49.05	PE_2010_05MAY_01_EW	3.879	12.24	PE_2010_05MAY_01_EW	3.879	12.24	CH_2010_Maule_02_Transv	0.295	29.40
	2	PE_1974_03OCT_EW	1.980	15.94	PE_1974_03OCT_EW	1.980	15.94	CH_2010_Maule_03_Long	1.015	42.30	JP_2004_Chuettsu_07_EW	0.678	14.24	JP_2004_Chuettsu_07_EW	0.678	14.24	JP_2003_Hokkaido_07_NS	1.030	27.28
	3	JP_2011_Tohoku_50_NS	0.625	16.84	JP_2011_Tohoku_50_NS	0.625	16.84	JP_2003_Hokkaido_12_EW	0.909	31.92	JP_2011_Tohoku_55_EW	0.955	14.25	JP_2011_Tohoku_55_EW	0.955	14.25	JP_2004_Chuettsu_06_EW	0.438	21.50
	4	JP_2004_Chuettsu_07_NS	0.950	17.85	JP_2004_Chuettsu_07_NS	0.950	17.85	JP_2004_23OCT_NS	1.800	30.52	CH_2014_Iquique_02_EW	2.667	14.72	CH_2014_Iquique_02_EW	2.667	14.72	PE_2005_13JUN_02_NS	3.364	21.95
	5	PE_2005_25SET_02_EW	2.963	18.04	PE_2005_25SET_02_EW	2.963	18.04	JP_2004_29NOV_02_NS	0.937	39.04	PE_1974_03OCT_EW	1.879	15.09	PE_1974_03OCT_EW	1.879	15.09	PE_2007_PISCO_05_EW	4.000	91.53
	6	CH_2010_Maule_03_Trans	0.843	18.42	JP_2011_Tohoku_09_EW	0.830	18.97	JP_2011_Tohoku_03_EW	0.798	25.78	JP_2003_Hokkaido_06_NS	0.888	15.66	JP_2003_Hokkaido_06_NS	0.888	15.66	PE_2007_PISCO_05_NS	4.000	86.52
	7	JP_2011_Tohoku_09_EW	0.830	18.97	JP_2011_Tohoku_38_EW	0.831	19.09	JP_2011_Tohoku_04_NS	0.692	36.22	JP_2011_Tohoku_09_EW	0.715	15.70	JP_2011_Tohoku_09_EW	0.715	15.70	PE_2011_24AGO_01_NS	4.000	95.10
	8	JP_2011_Tohoku_38_EW	0.831	19.09	JP_2011_Tohoku_32_NS	0.768	19.94	JP_2011_Tohoku_13_NS	0.437	41.11	US_1989_Loma Prieta_06_0	0.858	16.05	US_1989_Loma Prieta_06_0	0.858	16.05	PE_2011_24AGO_03_NS	4.000	94.44
	9	JP_2011_Tohoku_32_NS	0.768	19.94	JP_2011_Miyagi_11_EW	0.443	20.04	JP_2011_Tohoku_23_NS	0.961	35.15	JP_2011_Tohoku_19_EW	0.805	16.08	JP_2011_Tohoku_19_EW	0.805	16.08	PE_2011_24AGO_04_EW	4.000	82.69
	10	JP_2011_Miyagi_11_EW	0.443	20.04	CH_2016_GO07_NS	1.111	20.05	JP_2011_Tohoku_31_EW	0.699	37.64	JP_2011_Tohoku_50_NS	0.655	16.15	JP_2011_Tohoku_50_NS	0.655	16.15	PE_2011_24AGO_05_NS	4.000	94.12
	11	CH_2016_GO07_NS	1.111	20.05	CH_2014_Iquique_02_EW	2.199	20.27	JP_2011_Tohoku_32_NS	0.768	19.94	JP_2011_Tohoku_55_NS	0.708	16.41	JP_2011_Tohoku_55_NS	0.708	16.41	PE_2011_24AGO_06_NS	4.000	94.30
	12	PE_2001_07JUL_02_EW	2.715	20.16	JP_2016_Kumamoto_05_EW	1.287	20.30	JP_2016_Kumamoto_03_EW	0.491	32.82	US_1994_Northridge_01_90	1.394	16.49	US_1994_Northridge_01_90	1.394	16.49	PE_2011_24AGO_07_EW	4.000	90.99
	13	CH_2014_Iquique_02_EW	2.199	20.27	CH_2010_Maule_04_Long	0.783	20.34	JP_2016_Kumamoto_04_NS	0.700	37.06	CH_2010_Maule_03_Trans	0.723	16.59	CH_2010_Maule_03_Trans	0.723	16.59	PE_2011_24AGO_07_NS	4.000	91.58
	14	JP_2016_Kumamoto_05_EW	1.287	20.30	JP_2011_Tohoku_10_EW	0.481	20.62	JP_2018_Osake_EW	0.411	45.14	JP_2004_Chuettsu_07_NS	0.865	16.65	JP_2004_Chuettsu_07_NS	0.865	16.65	PE_2015_24NOV_01_EW	4.000	99.69
	15	CH_2010_Maule_04_Long	0.783	20.34	JP_2011_Tohoku_10_NS	0.488	20.78	JP_2021_Fukushima_07_EW	0.647	50.53	TW_1999_ChiChi_10_90	0.505	17.60	TW_1999_ChiChi_10_90	0.505	17.60	PE_2015_24NOV_01_NS	4.000	99.71
	16	JP_2011_Tohoku_10_EW	0.481	20.62	US_1989_Loma Prieta_06_0	0.741	21.42	PE_2005_25SET_02_EW	2.963	18.04	JP_2011_Tohoku_10_NS	0.550	17.62	JP_2011_Tohoku_10_NS	0.550	17.62	PE_2015_24NOV_02_EW	4.000	99.79
	17	JP_2011_Tohoku_10_NS	0.488	20.78	US_1989_Loma Prieta_05_195	1.827	21.76	PE_2005_25SET_02_NS	3.153	31.36	US_1986_North Palm Springs_0	0.993	17.72	US_1986_North Palm Springs_0	0.993	17.72	PE_2015_24NOV_02_NS	4.000	99.81
	18	US_1989_Loma Prieta_06_0	0.741	21.42	JP_2004_Chuettsu_06_EW	0.452	21.83	PE_2007_PISCO_01_EW	1.166	44.58	CH_2016_GO07_NS	1.030	18.03	CH_2016_GO07_NS	1.030	18.03	PE_2015_24NOV_04_EW	4.000	97.03
	19	US_1989_Loma Prieta_05_195	1.827	21.76	US_1989_Loma Prieta_03_90	0.814	22.05	TW_1999_ChiChi_04_90	0.882	37.28	PE_2005_25SET_02_EW	2.970	18.04	PE_2005_25SET_02_EW	2.970	18.04	PE_2015_24NOV_04_NS	4.000	96.61
	20	JP_2004_Chuettsu_06_EW	0.452	21.83	TW_1999_ChiChi_10_90	0.424	22.15	US_1989_Loma Prieta_04_90	0.877	47.60	JP_2011_Tohoku_38_EW	0.805	18.26	JP_2011_Tohoku_38_EW	0.805	18.26	US_1989_Loma Prieta_05_195	1.970	21.44
MSE	1	JP_2004_Chuettsu_07_EW	0.648	8100.07	JP_2004_Chuettsu_07_EW	0.648	8100.07	CH_2010_Maule_01_Transv	1.243	65785.72	PE_1974_03OCT_EW	1.818	5233.85	PE_1974_03OCT_EW	1.818	5233.85	JP_2003_Hokkaido_07_NS	0.970	23508.41
	2	PE_1974_03OCT_EW	1.980	8212.39	PE_1974_03OCT_EW	1.980	8212.39	CH_2010_Maule_03_Long	1.015	83246.95	JP_2004_Chuettsu_05_EW	0.453	7198.03	JP_2004_Chuettsu_07_EW	0.633	7821.92	JP_2003_Miyagi_10_NS	0.678	33689.43
	3	CH_2010_Maule_04_Long	0.783	9879.04	CH_2010_Maule_04_Long	0.783	9879.04	JP_2003_Hokkaido_12_EW	0.909	38540.77	JP_2004_Chuettsu_07_EW	0.633	7821.92	PE_2010_05MAY_01_EW	3.697	8540.94	JP_2011_Tohoku_50_EW	0.633	20890.68

	4	JP_2011_Tohoku_10_NS	0.488	11313.88	JP_2011_Tohoku_10_NS	0.488	11313.88	JP_2004_23OCT_NS	1.800	48645.30	PE_2010_05MAY_01_EW	3.697	8540.94	TW_1999_ChiChi_10_90	0.468	9475.63	JP_2016_Kumamoto_04_NS	0.640	38534.28
	5	PE_2005_25SET_02_EW	2.963	11811.42	PE_2005_25SET_02_EW	2.963	11811.42	JP_2004_29NOV_02_NS	0.937	49617.54	TW_1999_ChiChi_10_90	0.468	9475.63	JP_2003_Hokkaido_06_NS	0.850	9763.74	JP_2021_Fukushima_08_EW	0.618	34348.98
	6	TW_1999_ChiChi_10_90	0.424	12770.18	TW_1999_ChiChi_10_90	0.424	12770.18	JP_2011_Tohoku_03_EW	0.798	25379.95	JP_2003_Hokkaido_06_NS	0.850	9763.74	CH_2010_Maule_04_Long	0.775	9872.50	PE_2007_PISCO_05_EW	4.000	281997.69
	7	JP_2011_Tohoku_50_NS	0.625	13078.78	JP_2011_Tohoku_50_NS	0.625	13078.78	JP_2011_Tohoku_04_NS	0.692	49831.99	CH_2010_Maule_04_Long	0.775	9872.50	JP_2004_Chuetsu_07_NS	0.790	10151.58	PE_2007_PISCO_05_NS	4.000	259991.54
	8	JP_2004_14DEC_EW	0.381	13482.37	JP_2004_14DEC_EW	0.381	13482.37	JP_2011_Tohoku_13_NS	0.437	42216.95	JP_2004_Chuetsu_07_NS	0.790	10151.58	JP_2011_Tohoku_55_EW	0.880	10401.88	PE_2011_24AGO_01_NS	4.000	299873.56
	9	JP_2011_Miyagi_11_EW	0.443	13518.26	JP_2011_Miyagi_11_EW	0.443	13518.26	JP_2011_Tohoku_23_NS	0.961	54165.82	JP_2011_Tohoku_55_EW	0.880	10401.88	US_1989_Loma Prieta_06_0	0.940	10573.79	PE_2011_24AGO_03_NS	4.000	295052.04
	10	JP_2011_Tohoku_10_EW	0.481	14352.94	JP_2011_Tohoku_10_EW	0.481	14352.94	JP_2011_Tohoku_31_EW	0.699	38541.69	US_1989_Loma Prieta_06_0	0.940	10573.79	CH_2016_GO07_NS	1.000	10621.59	PE_2011_24AGO_04_EW	4.000	214513.20
	11	CH_2014_Iquique_02_EW	2.199	14561.08	CH_2014_Iquique_02_EW	2.199	14561.08	JP_2011_Tohoku_32_NS	0.768	14921.28	CH_2016_GO07_NS	1.000	10621.59	JP_2011_Tohoku_10_NS	0.505	10903.22	PE_2011_24AGO_05_NS	4.000	293812.77
	12	CH_2016_GO07_NS	1.111	14656.38	CH_2016_GO07_NS	1.111	14656.38	JP_2016_Kumamoto_03_EW	0.491	41849.26	JP_2011_Tohoku_10_NS	0.505	10903.22	US_1994_Northridge_01_90	1.333	11346.53	PE_2011_24AGO_06_NS	4.000	292934.90
	13	JP_2011_Tohoku_32_NS	0.768	14921.28	JP_2011_Tohoku_32_NS	0.768	14921.28	JP_2016_Kumamoto_04_NS	0.700	41035.06	US_1994_Northridge_01_90	1.333	11346.53	CH_2010_Maule_03_Trans	0.760	11439.30	PE_2011_24AGO_07_EW	4.000	287884.89
	14	CH_2010_Maule_03_Trans	0.843	15519.26	JP_1997_13MAY_EW	0.426	16209.96	JP_2018_Osake_EW	0.411	54197.71	CH_2010_Maule_03_Trans	0.760	11439.30	JP_2011_Tohoku_10_EW	0.438	11581.06	PE_2011_24AGO_07_NS	4.000	289492.07
	15	JP_1997_13MAY_EW	0.426	16209.96	JP_2016_Kumamoto_05_EW	1.287	16400.24	JP_2021_Fukushima_07_EW	0.647	59059.96	JP_2011_Tohoku_10_EW	0.438	11581.06	PE_2005_25SET_02_EW	3.000	11770.36	PE_2015_24NOV_01_EW	4.000	333832.23
	16	JP_2016_Kumamoto_05_EW	1.287	16400.24	JP_2004_Chuetsu_06_EW	0.452	16644.32	PE_2005_25SET_02_EW	2.963	11811.42	PE_2005_25SET_02_EW	3.000	11770.36	CH_2014_Iquique_02_EW	2.424	12102.82	PE_2015_24NOV_02_EW	4.000	334757.23
	17	JP_2004_Chuetsu_06_EW	0.452	16644.32	JP_2011_Tohoku_59_EW	0.947	17574.82	PE_2005_25SET_02_NS	3.153	41517.28	CH_2014_Iquique_02_EW	2.424	12102.82	JP_2011_Tohoku_44_NS	0.430	12231.98	PE_2015_24NOV_02_NS	4.000	334896.33
	18	JP_2011_Tohoku_59_EW	0.947	17574.82	JP_2011_Miyagi_16_EW	0.706	17917.83	PE_2007_PISCO_01_EW	1.166	51422.26	JP_2011_Tohoku_44_NS	0.430	12231.98	JP_2011_Miyagi_16_EW	0.813	12249.22	PE_2015_24NOV_04_NS	4.000	310159.83
	19	JP_2011_Miyagi_16_EW	0.706	17917.83	JP_2004_Chuetsu_05_NS	0.329	18466.97	TW_1999_ChiChi_04_90	0.882	32924.85	JP_2011_Miyagi_16_EW	0.813	12249.22	TW_1999_ChiChi_08_90	0.603	12493.71	PE_2015_24NOV_05_NS	4.000	330467.33
	20	PE_2001_07JUL_02_NS	2.597	18385.64	US_1989_Loma Prieta_06_90	0.996	18536.77	US_1989_Loma Prieta_04_90	0.877	100334.02	TW_1999_ChiChi_08_90	0.603	12493.71	JP_2011_Tohoku_50_NS	0.648	12660.53	TW_1999_ChiChi_04_90	1.000	27920.90
RMS E	1	JP_2004_Chuetsu_07_EW	0.648	90.00	JP_2004_Chuetsu_07_EW	0.648	90.00	CH_2010_Maule_01_Transv	1.243	256.49	PE_1974_03OCT_EW	1.818	72.35	PE_1974_03OCT_EW	1.818	72.35	JP_2003_Hokkaido_07_NS	0.970	153.32
	2	PE_1974_03OCT_EW	1.980	90.62	PE_1974_03OCT_EW	1.980	90.62	CH_2010_Maule_03_Long	1.015	288.53	JP_2004_Chuetsu_05_EW	0.453	84.84	JP_2004_Chuetsu_07_EW	0.633	88.44	JP_2003_Miyagi_10_NS	0.678	183.55
	3	CH_2010_Maule_04_Long	0.783	99.39	CH_2010_Maule_04_Long	0.783	99.39	JP_2003_Hokkaido_12_EW	0.909	196.32	JP_2004_Chuetsu_07_EW	0.633	88.44	PE_2010_05MAY_01_EW	3.697	92.42	JP_2011_Tohoku_50_EW	0.633	144.54
	4	JP_2011_Tohoku_10_NS	0.488	106.37	JP_2011_Tohoku_10_NS	0.488	106.37	JP_2004_23OCT_NS	1.800	220.56	PE_2010_05MAY_01_EW	3.697	92.42	TW_1999_ChiChi_10_90	0.468	97.34	JP_2016_Kumamoto_04_NS	0.640	196.30
	5	PE_2005_25SET_02_EW	2.963	108.68	PE_2005_25SET_02_EW	2.963	108.68	JP_2004_29NOV_02_NS	0.937	222.75	TW_1999_ChiChi_10_90	0.468	97.34	JP_2003_Hokkaido_06_NS	0.850	98.81	JP_2021_Fukushima_08_EW	0.618	185.33
	6	TW_1999_ChiChi_10_90	0.424	113.01	TW_1999_ChiChi_10_90	0.424	113.01	JP_2011_Tohoku_03_EW	0.798	159.31	JP_2003_Hokkaido_06_NS	0.850	98.81	CH_2010_Maule_04_Long	0.775	99.36	PE_2007_PISCO_05_EW	4.000	531.03
	7	JP_2011_Tohoku_50_NS	0.625	114.36	JP_2011_Tohoku_50_NS	0.625	114.36	JP_2011_Tohoku_04_NS	0.692	223.23	CH_2010_Maule_04_Long	0.775	99.36	JP_2004_Chuetsu_07_NS	0.790	100.76	PE_2007_PISCO_05_NS	4.000	509.89
	8	JP_2004_14DEC_EW	0.381	116.11	JP_2004_14DEC_EW	0.381	116.11	JP_2011_Tohoku_13_NS	0.437	205.47	JP_2004_Chuetsu_07_NS	0.790	100.76	JP_2011_Tohoku_55_EW	0.880	101.99	PE_2011_24AGO_01_NS	4.000	547.61
	9	JP_2011_Miyagi_11_EW	0.443	116.27	JP_2011_Miyagi_11_EW	0.443	116.27	JP_2011_Tohoku_23_NS	0.961	232.74	JP_2011_Tohoku_55_EW	0.880	101.99	US_1989_Loma Prieta_06_0	0.940	102.83	PE_2011_24AGO_03_NS	4.000	543.19
	10	JP_2011_Tohoku_10_EW	0.481	119.80	JP_2011_Tohoku_10_EW	0.481	119.80	JP_2011_Tohoku_31_EW	0.699	196.32	US_1989_Loma Prieta_06_0	0.940	102.83	CH_2016_GO07_NS	1.000	103.06	PE_2011_24AGO_04_EW	4.000	463.16
	11	CH_2014_Iquique_02_EW	2.199	120.67	CH_2014_Iquique_02_EW	2.199	120.67	JP_2011_Tohoku_32_NS	0.768	122.15	CH_2016_GO07_NS	1.000	103.06	JP_2011_Tohoku_10_NS	0.505	104.42	PE_2011_24AGO_05_NS	4.000	542.04
	12	CH_2016_GO07_NS	1.111	121.06	CH_2016_GO07_NS	1.111	121.06	JP_2016_Kumamoto_03_EW	0.491	204.57	JP_2011_Tohoku_10_NS	0.505	104.42	US_1994_Northridge_01_90	1.333	106.52	PE_2011_24AGO_06_NS	4.000	541.23
	13	JP_2011_Tohoku_32_NS	0.768	122.15	JP_2011_Tohoku_32_NS	0.768	122.15	JP_2016_Kumamoto_04_NS	0.700	202.57	US_1994_Northridge_01_90	1.333	106.52	CH_2010_Maule_03_Trans	0.760	106.95	PE_2011_24AGO_07_EW	4.000	536.55
	14	CH_2010_Maule_03_Trans	0.843	124.58	JP_1997_13MAY_EW	0.426	127.32	JP_2018_Osake_EW	0.411	232.80	CH_2010_Maule_03_Trans	0.760	106.95	JP_2011_Tohoku_10_EW	0.438	107.62	PE_2011_24AGO_07_NS	4.000	538.04
	15	JP_1997_13MAY_EW	0.426	127.32	JP_2016_Kumamoto_05_EW	1.287	128.06	JP_2021_Fukushima_07_EW	0.647	243.02	JP_2011_Tohoku_10_EW	0.438	107.62	PE_2005_25SET_02_EW	3.000	108.49	PE_2015_24NOV_01_EW	4.000	577.78
	16	JP_2016_Kumamoto_05_EW	1.287	128.06	JP_2004_Chuetsu_06_EW	0.452	129.01	PE_2005_25SET_02_EW	2.963	108.68	PE_2005_25SET_02_EW	3.000	108.49	CH_2014_Iquique_02_EW	2.424	110.01	PE_2015_24NOV_02_EW	4.000	578.58
	17	JP_2004_Chuetsu_06_EW	0.452	129.01	JP_2011_Tohoku_59_EW	0.947	132.57	PE_2005_25SET_02_NS	3.153	203.76	CH_2014_Iquique_02_EW	2.424	110.01	JP_2011_Tohoku_44_NS	0.430	110.60	PE_2015_24NOV_02_NS	4.000	578.70
	18	JP_2011_Tohoku_59_EW	0.947	132.57	JP_2011_Miyagi_16_EW	0.706	133.86	PE_2007_PISCO_01_EW	1.166	226.76	JP_2011_Tohoku_44_NS	0.430	110.60	JP_2011_Miyagi_16_EW	0.813	110.68	PE_2015_24NOV_04_NS	4.000	556.92
	19	JP_2011_Miyagi_16_EW	0.706	133.86	JP_2004_Chuetsu_05_NS	0.329	135.89	TW_1999_ChiChi_04_90	0.882	181.45	JP_2011_Miyagi_16_EW	0.813	110.68	TW_1999_ChiChi_08_90	0.603	111.78	PE_2015_24NOV_05_NS	4.000	574.86
	20	PE_2001_07JUL_02_NS	2.597	135.59	US_1989_Loma Prieta_06_90	0.996	136.15	US_1989_Loma Prieta_04_90	0.877	316.76	TW_1999_ChiChi_08_90	0.603	111.78	JP_2011_Tohoku_50_NS	0.648	112.52	TW_1999_ChiChi_04_90	1.000	167.10

REGISTROS SELECCIONADOS CASO Nmr T=0.16s - TSepu-tr-975																			
Caso:		TSepu-tr-975_NSp_Sbs			TSepu-tr-975_NSp_Sci			TSepu-tr-975_NSp_Ssr			TSepu-tr-975_NSr_Sbs			TSepu-tr-975_NSr_Sci			TSepu-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetstu_07_EW	0.820	74.57	JP_2004_Chuetstu_07_EW	0.820	74.57	CH_2010_Maule_04_Long	0.991	93.46	PE_1974_03OCT_EW	2.333	71.49	PE_1974_03OCT_EW	2.333	71.49	JP_2004_Chuetstu_06_EW	0.565	128.89
	2	PE_1974_03OCT_EW	2.506	80.99	PE_1974_03OCT_EW	2.506	80.99	CH_2014_Iquique_02_EW	2.783	124.72	JP_2004_Chuetstu_07_EW	0.820	74.57	JP_2004_Chuetstu_07_EW	0.820	74.57	JP_2011_15MAR_EW	0.363	194.67
	3	CH_2010_Maule_04_Long	0.991	93.46	CH_2010_Maule_04_Long	0.991	93.46	JP_2003_Hokkaido_07_NS	1.043	201.87	JP_2004_Chuetstu_05_EW	0.580	80.48	JP_2004_Chuetstu_05_EW	0.580	80.48	JP_2011_Miyagi_11_EW	0.558	120.93
	4	PE_2005_25SET_02_EW	3.750	102.63	PE_2005_25SET_02_EW	3.750	102.63	JP_2004_Chuetstu_06_EW	0.573	128.99	JP_2011_Tohoku_55_EW	1.212	89.79	JP_2011_Tohoku_55_EW	1.212	89.79	PE_2005_25SET_02_EW	3.788	102.10
	5	JP_2011_Tohoku_50_NS	0.791	104.32	JP_2011_Tohoku_50_NS	0.791	104.32	JP_2011_Miyagi_11_EW	0.560	120.79	CH_2010_Maule_04_Long	0.985	93.49	CH_2010_Maule_04_Long	0.985	93.49	PE_2007_PISCO_05_EW	4.000	638.05
	6	JP_2011_Tohoku_10_NS	0.617	111.61	JP_2011_Tohoku_10_NS	0.617	111.61	JP_2011_Tohoku_13_EW	0.799	144.72	JP_2004_Chuetstu_07_NS	1.030	93.77	JP_2004_Chuetstu_07_NS	1.030	93.77	PE_2007_PISCO_05_NS	4.000	614.70
	7	JP_2011_Tohoku_32_NS	0.972	112.61	JP_2011_Tohoku_32_NS	0.972	112.61	JP_2011_Tohoku_13_NS	0.553	228.32	JP_2003_Hokkaido_06_NS	1.121	95.90	JP_2003_Hokkaido_06_NS	1.121	95.90	PE_2010_05MAY_01_NS	4.000	152.01
	8	JP_2011_Tohoku_10_EW	0.608	112.65	JP_2011_Tohoku_10_EW	0.608	112.65	JP_2011_Tohoku_23_NS	1.216	224.53	TW_1999_ChiChi_10_90	0.640	101.89	TW_1999_ChiChi_10_90	0.640	101.89	PE_2011_24AGO_01_NS	4.000	654.42
	9	CH_2010_Maule_03_Trans	1.066	119.76	CH_2016_GO07_NS	1.405	120.46	JP_2011_Tohoku_24_NS	1.094	170.65	PE_2005_25SET_02_EW	3.788	102.10	PE_2005_25SET_02_EW	3.788	102.10	PE_2011_24AGO_03_NS	4.000	650.36
	10	CH_2016_GO07_NS	1.405	120.46	JP_2011_Miyagi_11_EW	0.560	120.79	JP_2011_Tohoku_26_EW	0.951	178.50	JP_2011_Tohoku_50_NS	0.805	103.24	JP_2011_Tohoku_50_NS	0.805	103.24	PE_2011_24AGO_04_EW	4.000	578.89
	11	JP_2011_Miyagi_11_EW	0.560	120.79	JP_2004_14DEC_EW	0.482	120.90	JP_2011_Tohoku_51_EW	0.867	280.54	US_1994_Northridge_01_90	1.697	103.92	US_1994_Northridge_01_90	1.697	103.92	PE_2011_24AGO_05_NS	4.000	648.73
	12	JP_2004_14DEC_EW	0.482	120.90	JP_2004_Chuetstu_07_NS	1.202	121.14	JP_2021_Fukushima_07_EW	0.819	273.72	JP_2011_Tohoku_10_NS	0.663	104.28	JP_2011_Tohoku_10_NS	0.663	104.28	PE_2011_24AGO_07_EW	4.000	640.06
	13	JP_2004_Chuetstu_07_NS	1.202	121.14	CH_2014_Iquique_02_EW	2.783	124.72	JP_2021_Fukushima_08_EW	0.743	200.64	JP_2011_Tohoku_10_EW	0.558	106.06	JP_2011_Tohoku_10_EW	0.558	106.06	PE_2011_24AGO_07_NS	4.000	641.93
	14	CH_2014_Iquique_02_EW	2.783	124.72	TW_1999_ChiChi_10_90	0.536	127.21	PE_2001_23JUN_NS	1.567	180.39	CH_2016_GO07_NS	1.273	106.13	CH_2016_GO07_NS	1.273	106.13	PE_2015_24NOV_01_EW	4.000	681.15
	15	TW_1999_ChiChi_10_90	0.536	127.21	JP_2004_Chuetstu_06_EW	0.573	128.99	PE_2005_25SET_02_EW	3.750	102.63	CH_2014_Iquique_02_EW	3.242	106.25	CH_2014_Iquique_02_EW	3.242	106.25	PE_2015_24NOV_01_NS	4.000	681.27
	16	JP_2004_Chuetstu_06_EW	0.573	128.99	JP_1997_13MAY_EW	0.539	130.84	PE_2005_25SET_02_NS	3.990	203.30	CH_2010_Maule_03_Trans	0.985	108.82	CH_2010_Maule_03_Trans	0.985	108.82	PE_2015_24NOV_02_EW	4.000	681.79
	17	JP_1997_13MAY_EW	0.539	130.84	JP_2011_Tohoku_59_EW	1.199	131.16	TW_1999_ChiChi_04_90	1.116	204.06	JP_2011_Miyagi_17_NS	0.655	108.94	JP_2011_Miyagi_17_NS	0.655	108.94	PE_2015_24NOV_02_NS	4.000	681.92
	18	JP_2011_Tohoku_59_EW	1.199	131.16	JP_2016_Kumamoto_05_EW	1.628	131.72	TW_1999_ChiChi_08_360	0.976	145.79	TW_1999_ChiChi_08_90	0.775	110.03	TW_1999_ChiChi_08_90	0.775	110.03	PE_2015_24NOV_04_EW	4.000	664.87
	19	JP_2016_Kumamoto_05_EW	1.628	131.72	JP_2011_Tohoku_38_EW	1.051	132.77	US_1989_Loma Prieta_04_90	1.110	281.33	JP_2011_Tohoku_32_NS	1.000	111.69	JP_2011_Tohoku_32_NS	1.000	111.69	PE_2015_24NOV_04_NS	4.000	662.55
	20	JP_2011_Tohoku_38_EW	1.051	132.77	PE_1974_03OCT_NS	2.876	137.72	US_1989_Loma Prieta_06_0	0.938	159.20	US_1989_Loma Prieta_06_0	1.182	114.77	US_1989_Loma Prieta_06_0	1.182	114.77	US_1981_Westmorland_180	0.993	210.18
MAP E	1	JP_2004_Chuetstu_07_EW	0.820	13.66	JP_2004_Chuetstu_07_EW	0.820	13.66	CH_2010_Maule_04_Long	0.991	19.22	JP_2011_Tohoku_55_EW	1.212	13.06	JP_2011_Tohoku_55_EW	1.212	13.06	JP_2011_Miyagi_11_EW	0.558	20.77
	2	PE_1974_03OCT_EW	2.506	14.83	PE_1974_03OCT_EW	2.506	14.83	CH_2014_Iquique_02_EW	2.783	19.83	JP_2004_Chuetstu_07_EW	0.843	13.36	JP_2004_Chuetstu_07_EW	0.843	13.36	PE_2005_13JUN_06_EW	4.000	39.84
	3	JP_2004_Chuetstu_07_NS	1.202	16.67	JP_2004_Chuetstu_07_NS	1.202	16.67	JP_2003_Hokkaido_07_NS	1.043	33.21	PE_1974_03OCT_EW	2.394	14.27	PE_1974_03OCT_EW	2.394	14.27	PE_2007_PISCO_05_EW	4.000	93.32
	4	JP_2011_Tohoku_50_NS	0.791	16.85	JP_2011_Tohoku_50_NS	0.791	16.85	JP_2004_Chuetstu_06_EW	0.573	21.91	CH_2014_Iquique_02_EW	3.364	14.31	CH_2014_Iquique_02_EW	3.364	14.31	PE_2007_PISCO_05_NS	4.000	89.37
	5	PE_2005_25SET_02_EW	3.750	17.80	PE_2005_25SET_02_EW	3.750	17.80	JP_2011_Miyagi_11_EW	0.560	20.76	JP_2004_Chuetstu_07_NS	1.061	15.16	JP_2004_Chuetstu_07_NS	1.061	15.16	PE_2010_05MAY_01_NS	4.000	27.65
	6	JP_2011_Tohoku_32_NS	0.972	18.77	JP_2011_Tohoku_32_NS	0.972	18.77	JP_2011_Tohoku_13_EW	0.799	28.34	JP_2003_Hokkaido_06_NS	1.121	15.94	JP_2003_Hokkaido_06_NS	1.121	15.94	PE_2011_24AGO_01_NS	4.000	96.14
	7	PE_2001_07JUL_02_EW	3.436	19.11	CH_2010_Maule_04_Long	0.991	19.22	JP_2011_Tohoku_13_NS	0.553	40.53	JP_2011_Tohoku_55_NS	0.903	16.36	JP_2011_Tohoku_55_NS	0.903	16.36	PE_2011_24AGO_03_NS	4.000	95.62
	8	CH_2010_Maule_04_Long	0.991	19.22	JP_2011_Tohoku_09_EW	1.051	19.67	JP_2011_Tohoku_23_NS	1.216	35.13	JP_2011_Tohoku_09_EW	0.918	16.42	JP_2011_Tohoku_09_EW	0.918	16.42	PE_2011_24AGO_04_EW	4.000	86.34
	9	CH_2010_Maule_03_Trans	1.066	19.32	JP_2011_Tohoku_38_EW	1.051	19.82	JP_2011_Tohoku_24_NS	1.094	29.86	JP_2011_Tohoku_50_NS	0.805	16.61	JP_2011_Tohoku_50_NS	0.805	16.61	PE_2011_24AGO_05_NS	4.000	95.36
	10	JP_2011_Tohoku_09_EW	1.051	19.67	CH_2014_Iquique_02_EW	2.783	19.83	JP_2011_Tohoku_26_EW	0.951	26.23	JP_2011_Tohoku_19_EW	1.030	16.65	JP_2011_Tohoku_19_EW	1.030	16.65	PE_2011_24AGO_06_NS	4.000	95.51
	11	JP_2011_Tohoku_38_EW	1.051	19.82	JP_2011_Tohoku_10_NS	0.617	20.39	JP_2011_Tohoku_51_EW	0.867	46.13	US_1989_Loma Prieta_06_0	1.061	16.74	US_1989_Loma Prieta_06_0	1.061	16.74	PE_2011_24AGO_07_EW	4.000	92.89
	12	CH_2014_Iquique_02_EW	2.783	19.83	JP_2011_Tohoku_10_EW	0.608	20.46	JP_2021_Fukushima_07_EW	0.819	50.53	US_1994_Northridge_01_90	1.727	16.79	US_1994_Northridge_01_90	1.727	16.79	PE_2011_24AGO_07_NS	4.000	93.36
	13	JP_2011_Tohoku_10_NS	0.617	20.39	JP_2011_Miyagi_11_EW	0.560	20.76	JP_2021_Fukushima_08_EW	0.743	37.63	CH_2010_Maule_03_Trans	0.918	16.90	CH_2010_Maule_03_Trans	0.918	16.90	PE_2015_24NOV_01_EW	4.000	99.76
	14	JP_2011_Tohoku_10_EW	0.608	20.46	JP_2016_Kumamoto_05_EW	1.628	20.89	PE_2001_23JUN_NS	1.567	28.57	TW_1999_ChiChi_10_90	0.655	17.39	TW_1999_ChiChi_10_90	0.655	17.39	PE_2015_24NOV_01_NS	4.000	99.77
	15	JP_2011_Miyagi_11_EW	0.560	20.76	US_1989_Loma Prieta_06_0	0.938	21.10	PE_2005_25SET_02_EW	3.750	17.80	US_1986_North Palm Springs_0	1.212	17.70	US_1986_North Palm Springs_0	1.212	17.70	PE_2015_24NOV_02_EW	4.000	99.83
	16	JP_2016_Kumamoto_05_EW	1.628	20.89	US_1989_Loma Prieta_03_90	1.030	21.13	PE_2005_25SET_02_NS	3.990	31.68	PE_2005_25SET_02_EW	3.697	17.78	PE_2005_25SET_02_EW	3.697	17.78	PE_2015_24NOV_02_NS	4.000	99.85
	17	US_1989_Loma Prieta_06_0	0.938	21.10	CH_2016_GO07_NS	1.405	21.31	TW_1999_ChiChi_04_90	1.116	37.81	JP_2011_Tohoku_10_NS	0.678	17.85	JP_2011_Tohoku_10_NS	0.678	17.85	PE_2015_24NOV_04_EW	4.000	97.65
	18	US_1989_Loma Prieta_03_90	1.030	21.13	JP_2003_Hokkaido_05_EW	1.459	21.33	TW_1999_ChiChi_08_360	0.976	25.16	TW_1999_ChiChi_08_90	0.805	18.16	TW_1999_ChiChi_08_90	0.805	18.16	PE_2015_24NOV_04_NS	4.000	97.32
	19	CH_2016_GO07_NS	1.405	21.31	JP_2011_Tohoku_59_EW	1.199	21.66	US_1989_Loma Prieta_04_90	1.110	49.86	JP_2011_Tohoku_32_NS	1.000	18.30	JP_2011_Tohoku_32_NS	1.000	18.30	TW_1999_ChiChi_04_90	0.978	36.12
	20	JP_2003_Hokkaido_05_EW	1.459	21.33	JP_2004_Chuetstu_06_EW	0.573	21.91	US_1989_Loma Prieta_06_0	0.938	21.10	JP_2011_Miyagi_17_NS	0.670	18.57	JP_2011_Miyagi_17_NS	0.670	18.57	US_1981_Westmorland_180	0.978	31.38
MSE	1	PE_1974_03OCT_EW	2.506	11255.74	PE_1974_03OCT_EW	2.506	11255.74	CH_2010_Maule_04_Long	0.991	13849.03	PE_1974_03OCT_EW	2.303	7156.08	PE_1974_03OCT_EW	2.303	7156.08	JP_2004_Chuetstu_06_EW	0.550	23977.62
	2	JP_2004_Chuetstu_07_EW	0.820	12090.99	JP_2004_Chuetstu_07_EW	0.820	12090.99	CH_2014_Iquique_02_EW	2.783	23424.64	JP_2004_Chuetstu_07_EW	0.805	11824.46	JP_2004_Chuetstu_07_EW	0.805	11824.46	JP_2011_Miyagi_11_EW	0.573	25049.52

	3	CH_2010_Maule_04_Long	0.991	13849.03	CH_2010_Maule_04_Long	0.991	13849.03	JP_2003_Hokkaido_07_NS	1.043	50356.16	JP_2004_Chuet <u>su</u> _05_EW	0.580	12057.69	JP_2004_Chuet <u>su</u> _05_EW	0.580	12057.69	JP_2011_Tohoku_37_EW	0.633	58391.39
	4	PE_2005_25SET_02_EW	3.750	19357.66	PE_2005_25SET_02_EW	3.750	19357.66	JP_2004_Chuet <u>su</u> _06_EW	0.573	24765.83	JP_2004_Chuet <u>su</u> _07_NS	1.000	13692.61	JP_2004_Chuet <u>su</u> _07_NS	1.000	13692.61	PE_2005_25SET_02_EW	3.818	19207.78
	5	JP_2011_Tohoku_10_NS	0.617	19415.94	JP_2011_Tohoku_10_NS	0.617	19415.94	JP_2011_Miyagi_11_EW	0.560	25371.46	CH_2010_Maule_04_Long	0.993	13847.65	CH_2010_Maule_04_Long	0.993	13847.65	PE_2007_PISCO_05_EW	4.000	474895.49
	6	JP_2004_14DEC_EW	0.482	19974.34	JP_2004_14DEC_EW	0.482	19974.34	JP_2011_Tohoku_13_EW	0.799	31067.85	TW_1999_ChiChi_10_90	0.603	15052.33	TW_1999_ChiChi_10_90	0.603	15052.33	PE_2007_PISCO_05_NS	4.000	445979.25
	7	TW_1999_ChiChi_10_90	0.536	21008.12	TW_1999_ChiChi_10_90	0.536	21008.12	JP_2011_Tohoku_13_NS	0.553	65198.83	JP_2011_Tohoku_55_EW	1.121	16323.26	JP_2011_Tohoku_55_EW	1.121	16323.26	PE_2010_05MAY_01_NS	4.000	31889.12
	8	JP_2011_Tohoku_32_NS	0.972	21350.90	JP_2011_Tohoku_32_NS	0.972	21350.90	JP_2011_Tohoku_23_NS	1.216	85543.13	JP_2003_Hokkaido_06_NS	1.091	17534.02	JP_2003_Hokkaido_06_NS	1.091	17534.02	PE_2011_24AGO_01_NS	4.000	498158.38
	9	JP_2011_Tohoku_50_NS	0.791	22590.45	JP_2011_Tohoku_50_NS	0.791	22590.45	JP_2011_Tohoku_24_NS	1.094	47180.67	JP_2011_Tohoku_10_NS	0.640	18570.68	JP_2011_Tohoku_10_NS	0.640	18570.68	PE_2011_24AGO_03_NS	4.000	491829.41
	10	JP_2011_Tohoku_10_EW	0.608	23416.89	JP_2011_Tohoku_10_EW	0.608	23416.89	JP_2011_Tohoku_26_EW	0.951	67447.81	CH_2010_Maule_03_Trans	0.963	18762.00	CH_2010_Maule_03_Trans	0.963	18762.00	PE_2011_24AGO_04_EW	4.000	385509.60
	11	CH_2014_Iquique_02_EW	2.783	23424.64	CH_2014_Iquique_02_EW	2.783	23424.64	JP_2011_Tohoku_51_EW	0.867	146372.41	CH_2014_Iquique_02_EW	3.061	18855.98	CH_2014_Iquique_02_EW	3.061	18855.98	PE_2011_24AGO_05_NS	4.000	490276.95
	12	CH_2010_Maule_03_Trans	1.066	24658.53	JP_2004_Chuet <u>su</u> _06_EW	0.573	24765.83	JP_2021_Fukushima_07_EW	0.819	91958.19	CH_2016_GO07_NS	1.273	19073.80	CH_2016_GO07_NS	1.273	19073.80	PE_2011_24AGO_06_NS	4.000	489161.05
	13	JP_2004_Chuet <u>su</u> _06_EW	0.573	24765.83	CH_2016_GO07_NS	1.405	25068.68	JP_2021_Fukushima_08_EW	0.743	52056.44	PE_2005_25SET_02_EW	3.818	19207.78	PE_2005_25SET_02_EW	3.818	19207.78	PE_2011_24AGO_07_EW	4.000	482716.82
	14	CH_2016_GO07_NS	1.405	25068.68	JP_2011_Miyagi_11_EW	0.560	25371.46	PE_2001_23JUN_NS	1.567	53211.33	JP_2011_Tohoku_10_EW	0.558	19454.29	JP_2011_Tohoku_10_EW	0.558	19454.29	PE_2011_24AGO_07_NS	4.000	484679.79
	15	JP_2011_Miyagi_11_EW	0.560	25371.46	JP_1997_13MAY_EW	0.539	26286.31	PE_2005_25SET_02_EW	3.750	19357.66	JP_2011_Tohoku_44_NS	0.550	19495.41	JP_2011_Tohoku_44_NS	0.550	19495.41	PE_2015_24NOV_01_EW	4.000	541742.86
	16	JP_1997_13MAY_EW	0.539	26286.31	PE_1974_03OCT_NS	2.876	26667.49	PE_2005_25SET_02_NS	3.990	65925.01	TW_1999_ChiChi_08_90	0.768	19547.53	TW_1999_ChiChi_08_90	0.768	19547.53	PE_2015_24NOV_01_NS	4.000	541974.63
	17	PE_1974_03OCT_NS	2.876	26667.49	JP_2011_Tohoku_59_EW	1.199	27555.22	TW_1999_ChiChi_04_90	1.116	56490.82	US_1989_Loma Prieta_06_0	1.182	19691.32	US_1989_Loma Prieta_06_0	1.182	19691.32	PE_2015_24NOV_02_EW	4.000	542921.51
	18	JP_2011_Tohoku_59_EW	1.199	27555.22	JP_2011_Tohoku_37_NS	0.750	28632.65	TW_1999_ChiChi_08_360	0.976	30133.11	JP_2004_14DEC_EW	0.483	19978.31	JP_2004_14DEC_EW	0.483	19978.31	PE_2015_24NOV_02_NS	4.000	543099.50
	19	JP_2011_Tohoku_37_NS	0.750	28632.65	JP_2016_Kumamoto_05_EW	1.628	28714.27	US_1989_Loma Prieta_04_90	1.110	166065.99	US_1994_Northridge_01_90	1.697	20075.22	US_1994_Northridge_01_90	1.697	20075.22	PE_2015_24NOV_04_EW	4.000	514837.92
	20	JP_2016_Kumamoto_05_EW	1.628	28714.27	PE_2010_05MAY_02_NS	3.518	29112.82	US_1989_Loma Prieta_06_0	0.938	43978.58	TW_1999_ChiChi_08_360	1.121	20110.70	TW_1999_ChiChi_08_360	1.121	20110.70	PE_2015_24NOV_04_NS	4.000	511399.01
RMS E	1	PE_1974_03OCT_EW	2.506	106.09	PE_1974_03OCT_EW	2.506	106.09	CH_2010_Maule_04_Long	0.991	117.68	PE_1974_03OCT_EW	2.303	84.59	PE_1974_03OCT_EW	2.303	84.59	JP_2004_Chuet <u>su</u> _06_EW	0.550	154.85
	2	JP_2004_Chuet <u>su</u> _07_EW	0.820	109.96	JP_2004_Chuet <u>su</u> _07_EW	0.820	109.96	CH_2014_Iquique_02_EW	2.783	153.05	JP_2004_Chuet <u>su</u> _07_EW	0.805	108.74	JP_2004_Chuet <u>su</u> _07_EW	0.805	108.74	JP_2011_Miyagi_11_EW	0.573	158.27
	3	CH_2010_Maule_04_Long	0.991	117.68	CH_2010_Maule_04_Long	0.991	117.68	JP_2003_Hokkaido_07_NS	1.043	224.40	JP_2004_Chuet <u>su</u> _05_EW	0.580	109.81	JP_2004_Chuet <u>su</u> _05_EW	0.580	109.81	JP_2011_Tohoku_37_EW	0.633	241.64
	4	PE_2005_25SET_02_EW	3.750	139.13	PE_2005_25SET_02_EW	3.750	139.13	JP_2004_Chuet <u>su</u> _06_EW	0.573	157.37	JP_2004_Chuet <u>su</u> _07_NS	1.000	117.02	JP_2004_Chuet <u>su</u> _07_NS	1.000	117.02	PE_2005_25SET_02_EW	3.818	138.59
	5	JP_2011_Tohoku_10_NS	0.617	139.34	JP_2011_Tohoku_10_NS	0.617	139.34	JP_2011_Miyagi_11_EW	0.560	159.28	CH_2010_Maule_04_Long	0.993	117.68	CH_2010_Maule_04_Long	0.993	117.68	PE_2007_PISCO_05_EW	4.000	689.13
	6	JP_2004_14DEC_EW	0.482	141.33	JP_2004_14DEC_EW	0.482	141.33	JP_2011_Tohoku_13_EW	0.799	176.26	TW_1999_ChiChi_10_90	0.603	122.69	TW_1999_ChiChi_10_90	0.603	122.69	PE_2007_PISCO_05_NS	4.000	667.82
	7	TW_1999_ChiChi_10_90	0.536	144.94	TW_1999_ChiChi_10_90	0.536	144.94	JP_2011_Tohoku_13_NS	0.553	255.34	JP_2011_Tohoku_55_EW	1.121	127.76	JP_2011_Tohoku_55_EW	1.121	127.76	PE_2010_05MAY_01_NS	4.000	178.58
	8	JP_2011_Tohoku_32_NS	0.972	146.12	JP_2011_Tohoku_32_NS	0.972	146.12	JP_2011_Tohoku_23_NS	1.216	292.48	JP_2003_Hokkaido_06_NS	1.091	132.42	JP_2003_Hokkaido_06_NS	1.091	132.42	PE_2011_24AGO_01_NS	4.000	705.80
	9	JP_2011_Tohoku_50_NS	0.791	150.30	JP_2011_Tohoku_50_NS	0.791	150.30	JP_2011_Tohoku_24_NS	1.094	217.21	JP_2011_Tohoku_10_NS	0.640	136.27	JP_2011_Tohoku_10_NS	0.640	136.27	PE_2011_24AGO_03_NS	4.000	701.31
	10	JP_2011_Tohoku_10_EW	0.608	153.03	JP_2011_Tohoku_10_EW	0.608	153.03	JP_2011_Tohoku_26_EW	0.951	259.71	CH_2010_Maule_03_Trans	0.963	136.97	CH_2010_Maule_03_Trans	0.963	136.97	PE_2011_24AGO_04_EW	4.000	620.89
	11	CH_2014_Iquique_02_EW	2.783	153.05	CH_2014_Iquique_02_EW	2.783	153.05	JP_2011_Tohoku_51_EW	0.867	382.59	CH_2014_Iquique_02_EW	3.061	137.32	CH_2014_Iquique_02_EW	3.061	137.32	PE_2011_24AGO_05_NS	4.000	700.20
	12	CH_2010_Maule_03_Trans	1.066	157.03	JP_2004_Chuet <u>su</u> _06_EW	0.573	157.37	JP_2021_Fukushima_07_EW	0.819	303.25	CH_2016_GO07_NS	1.273	138.11	CH_2016_GO07_NS	1.273	138.11	PE_2011_24AGO_06_NS	4.000	699.40
	13	JP_2004_Chuet <u>su</u> _06_EW	0.573	157.37	CH_2016_GO07_NS	1.405	158.33	JP_2021_Fukushima_08_EW	0.743	228.16	PE_2005_25SET_02_EW	3.818	138.59	PE_2005_25SET_02_EW	3.818	138.59	PE_2011_24AGO_07_EW	4.000	694.78
	14	CH_2016_GO07_NS	1.405	158.33	JP_2011_Miyagi_11_EW	0.560	159.28	PE_2001_23JUN_NS	1.567	230.68	JP_2011_Tohoku_10_EW	0.558	139.48	JP_2011_Tohoku_10_EW	0.558	139.48	PE_2011_24AGO_07_NS	4.000	696.19
	15	JP_2011_Miyagi_11_EW	0.560	159.28	JP_1997_13MAY_EW	0.539	162.13	PE_2005_25SET_02_EW	3.750	139.13	JP_2011_Tohoku_44_NS	0.550	139.63	JP_2011_Tohoku_44_NS	0.550	139.63	PE_2015_24NOV_01_EW	4.000	736.03
	16	JP_1997_13MAY_EW	0.539	162.13	PE_1974_03OCT_NS	2.876	163.30	PE_2005_25SET_02_NS	3.990	256.76	TW_1999_ChiChi_08_90	0.768	139.81	TW_1999_ChiChi_08_90	0.768	139.81	PE_2015_24NOV_01_NS	4.000	736.19
	17	PE_1974_03OCT_NS	2.876	163.30	JP_2011_Tohoku_59_EW	1.199	166.00	TW_1999_ChiChi_04_90	1.116	237.68	US_1989_Loma Prieta_06_0	1.182	140.33	US_1989_Loma Prieta_06_0	1.182	140.33	PE_2015_24NOV_02_EW	4.000	736.83
	18	JP_2011_Tohoku_59_EW	1.199	166.00	JP_2011_Tohoku_37_NS	0.750	169.21	TW_1999_ChiChi_08_360	0.976	173.59	JP_2004_14DEC_EW	0.483	141.34	JP_2004_14DEC_EW	0.483	141.34	PE_2015_24NOV_02_NS	4.000	736.95
	19	JP_2011_Tohoku_37_NS	0.750	169.21	JP_2016_Kumamoto_05_EW	1.628	169.45	US_1989_Loma Prieta_04_90	1.110	407.51	US_1994_Northridge_01_90	1.697	141.69	US_1994_Northridge_01_90	1.697	141.69	PE_2015_24NOV_04_EW	4.000	717.52
	20	JP_2016_Kumamoto_05_EW	1.628	169.45	PE_2010_05MAY_02_NS	3.518	170.62	US_1989_Loma Prieta_06_0	0.938	209.71	TW_1999_ChiChi_08_360	1.121	141.81	TW_1999_ChiChi_08_360	1.121	141.81	PE_2015_24NOV_04_NS	4.000	715.12

REGISTROS SELECCIONADOS CASO Nmr T=0.16s - TSepu-tr-2475																			
Caso:		TSepu-tr-2475_NSp_Sbs			TSepu-tr-2475_NSp_Sci			TSepu-tr-2475_NSp_Ssr			TSepu-tr-2475_NSr_Sbs			TSepu-tr-2475_NSr_Sci			TSepu-tr-2475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	PE_1974_03OCT_EW	3.145	98.16	PE_1974_03OCT_EW	3.145	98.16	CH_2010_Maule_04_Long	1.244	126.78	PE_1974_03OCT_EW	3.030	93.24	PE_1974_03OCT_EW	3.030	93.24	CH_2014_Iquique_02_EW	4.000	148.48
	2	JP_2004_Chuetstu_07_EW	1.029	106.66	JP_2004_Chuetstu_07_EW	1.029	106.66	JP_2000_Tottori_02_NS	0.612	324.78	JP_2004_Chuetstu_05_EW	0.745	101.27	JP_2004_Chuetstu_05_EW	0.745	101.27	JP_2000_Tottori_02_NS	0.678	315.75
	3	CH_2010_Maule_04_Long	1.244	126.78	CH_2010_Maule_04_Long	1.244	126.78	JP_2003_Hokkaido_03_NS	1.370	228.72	JP_2004_Chuetstu_07_EW	1.061	104.65	JP_2004_Chuetstu_07_EW	1.061	104.65	JP_2003_Hokkaido_07_NS	1.697	211.61
	4	CH_2010_Maule_03_Trans	1.339	138.57	CH_2016_GO07_NS	1.764	140.17	JP_2003_Hokkaido_07_NS	1.309	272.51	CH_2010_Maule_04_Long	1.273	126.67	CH_2010_Maule_04_Long	1.273	126.67	JP_2003_Miyagi_03_NS	1.152	197.28
	5	CH_2016_GO07_NS	1.764	140.17	JP_2011_Tohoku_10_EW	0.763	140.66	JP_2004_Chuetstu_06_EW	0.719	168.72	JP_2011_Tohoku_55_EW	1.515	130.24	JP_2011_Tohoku_55_EW	1.515	130.24	JP_2011_Tohoku_13_EW	1.030	202.52
	6	JP_2011_Tohoku_10_EW	0.763	140.66	JP_2011_Miyagi_11_EW	0.703	144.37	JP_2007_Noto_01_NS	0.511	371.22	JP_2003_Hokkaido_06_NS	1.424	130.29	JP_2003_Hokkaido_06_NS	1.424	130.29	JP_2011_Tohoku_50_NS	1.030	143.78
	7	JP_2011_Miyagi_11_EW	0.703	144.37	JP_2011_Tohoku_50_NS	0.993	147.60	JP_2011_Miyagi_11_EW	0.703	144.37	JP_2004_Chuetstu_07_NS	1.333	130.96	JP_2004_Chuetstu_07_NS	1.333	130.96	JP_2021_Fukushima_07_EW	1.273	318.33
	8	JP_2011_Tohoku_50_NS	0.993	147.60	JP_2011_Tohoku_32_NS	1.220	152.53	JP_2011_Miyagi_16_EW	1.122	203.48	CH_2016_GO07_NS	1.667	132.39	CH_2016_GO07_NS	1.667	132.39	PE_1974_09NOV_01_EW	3.939	215.12
	9	JP_2011_Tohoku_32_NS	1.220	152.53	JP_2004_Chuetstu_07_NS	1.509	159.92	JP_2011_Tohoku_04_NS	1.098	278.79	US_1994_Northridge_01_90	2.121	134.07	US_1994_Northridge_01_90	2.121	134.07	PE_1974_09NOV_02_NS	4.000	522.50
	10	JP_2004_Chuetstu_07_NS	1.509	159.92	JP_2011_Tohoku_10_NS	0.774	161.04	JP_2011_Tohoku_13_NS	0.695	307.31	CH_2010_Maule_03_Trans	1.303	134.49	CH_2010_Maule_03_Trans	1.303	134.49	PE_2001_07JUL_01_EW	4.000	621.19
	11	JP_2011_Tohoku_10_NS	0.774	161.04	JP_2016_Kumamoto_05_EW	2.044	163.15	JP_2011_Tohoku_23_NS	1.526	279.92	JP_2011_Tohoku_10_EW	0.738	139.57	JP_2011_Tohoku_10_EW	0.738	139.57	PE_2001_07JUL_01_NS	4.000	591.45
	12	JP_2016_Kumamoto_05_EW	2.044	163.15	JP_2004_14DEC_EW	0.605	165.81	JP_2011_Tohoku_24_NS	1.373	226.31	TW_1999_ChiChi_10_90	0.820	140.13	TW_1999_ChiChi_10_90	0.820	140.13	PE_2005_13JUN_05_EW	4.000	485.52
	13	JP_2004_14DEC_EW	0.605	165.81	JP_2004_Chuetstu_06_EW	0.719	168.72	JP_2011_Tohoku_26_EW	1.194	242.54	JP_2011_Miyagi_17_NS	0.865	142.23	JP_2011_Miyagi_17_NS	0.865	142.23	PE_2005_13JUN_06_EW	4.000	427.87
	14	JP_2004_Chuetstu_06_EW	0.719	168.72	JP_2011_Tohoku_38_EW	1.320	171.69	JP_2011_Tohoku_42_EW	0.639	327.36	TW_1999_ChiChi_08_90	0.978	142.78	TW_1999_ChiChi_08_90	0.978	142.78	PE_2007_PISCO_05_EW	4.000	833.94
	15	JP_2011_Tohoku_38_EW	1.320	171.69	CH_2014_Iquique_02_EW	3.493	173.41	JP_2011_Tohoku_50_EW	1.419	329.30	US_1989_Loma Prieta_06_0	1.515	143.67	US_1989_Loma Prieta_06_0	1.515	143.67	PE_2007_PISCO_05_NS	4.000	810.59
	16	JP_2011_Tohoku_01_NS	0.950	172.13	JP_2011_Tohoku_59_EW	1.505	175.64	JP_2018_Hokkaido_03_EW	0.839	262.64	JP_2011_Tohoku_50_NS	1.030	143.78	JP_2011_Tohoku_50_NS	1.030	143.78	PE_2010_05MAY_01_NS	4.000	322.08
	17	CH_2014_Iquique_02_EW	3.493	173.41	TW_1999_ChiChi_10_90	0.673	178.86	TW_1999_ChiChi_04_90	1.401	257.27	JP_2011_Miyagi_11_EW	0.715	144.15	JP_2011_Miyagi_11_EW	0.715	144.15	PE_2011_24AGO_07_NS	4.000	837.83
	18	JP_2011_Tohoku_59_EW	1.505	175.64	JP_2011_Tohoku_09_EW	1.319	179.50	TW_1999_ChiChi_08_360	1.225	201.07	JP_2011_Tohoku_09_NS	1.333	146.22	JP_2011_Tohoku_09_NS	1.333	146.22	PE_2015_24NOV_01_NS	4.000	877.16
	19	TW_1999_ChiChi_10_90	0.673	178.86	JP_2011_Tohoku_44_NS	0.793	186.30	US_1981_Westmorland_90	1.412	234.67	JP_2011_Tohoku_32_NS	1.333	146.69	JP_2011_Tohoku_32_NS	1.333	146.69	PE_2015_24NOV_04_EW	4.000	860.76
	20	JP_2011_Tohoku_09_EW	1.319	179.50	JP_2004_Chuetstu_06_NS	0.686	187.77	US_1989_Loma Prieta_06_0	1.177	217.89	CH_2014_Iquique_02_EW	4.000	148.48	CH_2014_Iquique_02_EW	4.000	148.48	PE_2015_24NOV_04_NS	4.000	858.45
MAP E	1	PE_1974_03OCT_EW	3.145	14.59	PE_1974_03OCT_EW	3.145	14.59	CH_2010_Maule_04_Long	1.244	20.23	JP_2011_Tohoku_55_EW	1.545	14.45	JP_2011_Tohoku_55_EW	1.545	14.45	CH_2014_Iquique_02_EW	4.000	17.07
	2	JP_2004_Chuetstu_07_EW	1.029	15.44	JP_2004_Chuetstu_07_EW	1.029	15.44	JP_2000_Tottori_02_NS	0.612	46.12	PE_1974_03OCT_EW	3.091	14.50	PE_1974_03OCT_EW	3.091	14.50	JP_2003_Hokkaido_07_NS	1.818	27.11
	3	JP_2004_Chuetstu_07_NS	1.509	17.59	JP_2004_Chuetstu_07_NS	1.509	17.59	JP_2003_Hokkaido_03_NS	1.370	26.81	JP_2004_Chuetstu_07_EW	1.091	14.64	JP_2004_Chuetstu_07_EW	1.091	14.64	JP_2003_Miyagi_03_NS	1.182	29.02
	4	CH_2010_Maule_03_Trans	1.339	17.64	JP_2011_Tohoku_50_NS	0.993	18.34	JP_2003_Hokkaido_07_NS	1.309	34.16	JP_2011_Tohoku_55_NS	1.182	16.13	JP_2011_Tohoku_55_NS	1.182	16.13	JP_2004_Chuetstu_01_EW	0.295	38.18
	5	JP_2011_Tohoku_50_NS	0.993	18.34	JP_2011_Tohoku_09_EW	1.319	18.45	JP_2004_Chuetstu_06_EW	0.719	22.09	US_1989_Loma Prieta_06_0	1.394	16.15	US_1989_Loma Prieta_06_0	1.394	16.15	JP_2011_Miyagi_11_NS	0.850	30.13
	6	JP_2011_Tohoku_09_EW	1.319	18.45	JP_2016_Kumamoto_05_EW	2.044	18.95	JP_2007_Noto_01_NS	0.511	50.13	JP_2004_Chuetstu_07_NS	1.364	16.20	JP_2004_Chuetstu_07_NS	1.364	16.20	JP_2011_Miyagi_16_EW	1.333	23.55
	7	JP_2016_Kumamoto_05_EW	2.044	18.95	JP_2011_Tohoku_38_EW	1.320	19.69	JP_2011_Miyagi_11_EW	0.703	19.79	JP_2003_Hokkaido_06_NS	1.455	16.55	JP_2003_Hokkaido_06_NS	1.455	16.55	JP_2011_Tohoku_50_NS	1.030	17.61
	8	JP_2011_Tohoku_38_EW	1.320	19.69	CH_2016_GO07_NS	1.764	19.71	JP_2011_Miyagi_16_EW	1.122	26.79	JP_2011_Tohoku_09_EW	1.182	16.76	JP_2011_Tohoku_09_EW	1.182	16.76	JP_2021_Fukushima_07_EW	1.364	45.96
	9	CH_2016_GO07_NS	1.764	19.71	JP_2011_Miyagi_11_EW	0.703	19.79	JP_2011_Tohoku_04_NS	1.098	35.94	CH_2010_Maule_03_Trans	1.242	16.88	CH_2010_Maule_03_Trans	1.242	16.88	PE_1974_09NOV_01_EW	4.000	27.68
	10	JP_2011_Miyagi_11_EW	0.703	19.79	JP_2011_Tohoku_32_NS	1.220	20.11	JP_2011_Tohoku_13_NS	0.695	41.91	US_1994_Northridge_01_90	2.273	16.90	US_1994_Northridge_01_90	2.273	16.90	PE_1974_09NOV_02_NS	4.000	61.94
	11	JP_2011_Tohoku_01_NS	0.950	19.83	CH_2010_Maule_04_Long	1.244	20.23	JP_2011_Tohoku_23_NS	1.526	33.64	CH_2014_Iquique_02_EW	4.000	17.07	CH_2014_Iquique_02_EW	4.000	17.07	PE_2001_07JUL_01_EW	4.000	65.57
	12	JP_2011_Tohoku_32_NS	1.220	20.11	JP_2011_Tohoku_10_EW	0.763	20.34	JP_2011_Tohoku_24_NS	1.373	31.10	JP_2011_Tohoku_09_NS	1.333	17.15	JP_2011_Tohoku_09_NS	1.333	17.15	PE_2001_07JUL_01_NS	4.000	63.95
	13	CH_2010_Maule_04_Long	1.244	20.23	JP_2003_Hokkaido_05_EW	1.831	21.19	JP_2011_Tohoku_26_EW	1.194	28.38	JP_2011_Tohoku_19_EW	1.333	17.34	JP_2011_Tohoku_19_EW	1.333	17.34	PE_2005_13JUN_05_EW	4.000	56.85
	14	JP_2011_Tohoku_10_EW	0.763	20.34	US_1989_Loma Prieta_03_90	1.293	21.62	JP_2011_Tohoku_42_EW	0.639	45.10	JP_2011_Tohoku_50_NS	1.030	17.61	JP_2011_Tohoku_50_NS	1.030	17.61	PE_2005_13JUN_06_EW	4.000	52.29
	15	JP_2003_Hokkaido_05_EW	1.831	21.19	JP_2011_Tohoku_59_EW	1.505	21.77	JP_2011_Tohoku_50_EW	1.419	43.43	JP_2011_Tohoku_32_NS	1.333	18.40	JP_2011_Tohoku_32_NS	1.333	18.40	PE_2007_PISCO_05_EW	4.000	94.86
	16	US_1989_Loma Prieta_03_90	1.293	21.62	CH_2014_Iquique_02_EW	3.493	21.91	JP_2018_Hokkaido_03_EW	0.839	32.69	TW_1999_ChiChi_08_90	1.030	18.55	TW_1999_ChiChi_08_90	1.030	18.55	PE_2011_24AGO_07_NS	4.000	94.92

	17	JP_2011_Tohoku_59_EW	1.505	21.77	CH_2014_PSGCX_EW	3.230	21.93	TW_1999_ChiChi_04_90	1.401	35.26	CH_2016_GO07_NS	1.667	18.74	CH_2016_GO07_NS	1.667	18.74	PE_2015_24NOV_01_NS	4.000	99.82
	18	CH_2014_Iquique_02_EW	3.493	21.91	JP_2004_Chuetstu_06_EW	0.719	22.09	TW_1999_ChiChi_08_360	1.225	26.88	TW_1999_ChiChi_10_90	0.828	18.79	TW_1999_ChiChi_10_90	0.828	18.79	PE_2015_24NOV_04_EW	4.000	98.18
	19	CH_2014_PSGCX_EW	3.230	21.93	JP_2011_Tohoku_10_NS	0.774	22.65	US_1981_Westmorland_90	1.412	32.95	JP_2016_Kumamoto_05_EW	2.000	18.85	JP_2016_Kumamoto_05_EW	2.000	18.85	PE_2015_24NOV_04_NS	4.000	97.93
	20	JP_2004_Chuetstu_06_EW	0.719	22.09	US_1989_Loma Prieta_06_0	1.177	22.71	US_1989_Loma Prieta_06_0	1.177	22.71	JP_2011_Miyagi_17_NS	0.873	18.93	JP_2011_Miyagi_17_NS	0.873	18.93	TW_1999_ChiChi_07_360	0.895	39.01
MSE	1	PE_1974_03OCT_EW	3.145	16671.57	PE_1974_03OCT_EW	3.145	16671.57	CH_2010_Maule_04_Long	1.244	25432.31	PE_1974_03OCT_EW	2.939	12708.51	PE_1974_03OCT_EW	2.939	12708.51	JP_2003_Hokkaido_07_NS	1.576	68142.32
	2	JP_2004_Chuetstu_07_EW	1.029	20267.89	JP_2004_Chuetstu_07_EW	1.029	20267.89	JP_2000_Tottori_02_NS	0.612	141998.25	JP_2004_Chuetstu_05_EW	0.738	18577.69	JP_2004_Chuetstu_05_EW	0.738	18577.69	JP_2003_Miyagi_03_NS	1.121	52823.77
	3	CH_2010_Maule_04_Long	1.244	25432.31	CH_2010_Maule_04_Long	1.244	25432.31	JP_2003_Hokkaido_03_NS	1.370	90970.00	JP_2004_Chuetstu_07_EW	1.030	20277.26	JP_2004_Chuetstu_07_EW	1.030	20277.26	JP_2004_Chuetstu_01_NS	0.408	167130.43
	4	JP_2011_Tohoku_32_NS	1.220	34813.61	JP_2011_Tohoku_32_NS	1.220	34813.61	JP_2003_Hokkaido_07_NS	1.309	92322.38	CH_2010_Maule_04_Long	1.273	25118.41	CH_2010_Maule_04_Long	1.273	25118.41	JP_2021_Fukushima_07_EW	1.273	133577.52
	5	CH_2010_Maule_03_Trans	1.339	35238.69	CH_2016_GO07_NS	1.764	35829.57	JP_2004_Chuetstu_06_EW	0.719	40221.35	JP_2004_Chuetstu_07_NS	1.303	25675.68	JP_2004_Chuetstu_07_NS	1.303	25675.68	PE_1974_09NOV_01_EW	3.939	61092.15
	6	CH_2016_GO07_NS	1.764	35829.57	JP_2011_Miyagi_11_EW	0.703	37443.72	JP_2007_Noto_01_NS	0.511	164318.66	TW_1999_ChiChi_10_90	0.768	28414.23	TW_1999_ChiChi_10_90	0.768	28414.23	PE_2001_07JUL_01_EW	4.000	475496.96
	7	JP_2011_Miyagi_11_EW	0.703	37443.72	JP_2004_14DEC_EW	0.605	37490.36	JP_2011_Miyagi_11_EW	0.703	37443.72	CH_2010_Maule_03_Trans	1.242	29205.28	CH_2010_Maule_03_Trans	1.242	29205.28	PE_2001_07JUL_01_NS	4.000	428696.32
	8	JP_2004_14DEC_EW	0.605	37490.36	JP_2011_Tohoku_10_NS	0.774	37805.59	JP_2011_Miyagi_16_EW	1.122	60162.82	CH_2016_GO07_NS	1.636	29675.03	CH_2016_GO07_NS	1.636	29675.03	PE_2005_13JUN_05_EW	4.000	282503.38
	9	JP_2011_Tohoku_10_NS	0.774	37805.59	JP_2011_Tohoku_10_EW	0.763	37996.88	JP_2011_Tohoku_04_NS	1.098	127472.90	US_1989_Loma Prieta_06_0	1.545	30668.88	US_1989_Loma Prieta_06_0	1.545	30668.88	PE_2005_13JUN_06_EW	4.000	215024.99
	10	JP_2011_Tohoku_10_EW	0.763	37996.88	JP_2004_Chuetstu_06_EW	0.719	40221.35	JP_2011_Tohoku_13_NS	0.695	117635.08	JP_2003_Hokkaido_06_NS	1.364	31462.61	JP_2003_Hokkaido_06_NS	1.364	31462.61	PE_2007_PISCO_05_EW	4.000	802035.92
	11	JP_2004_Chuetstu_06_EW	0.719	40221.35	TW_1999_ChiChi_10_90	0.673	41109.63	JP_2011_Tohoku_23_NS	1.526	130487.93	US_1994_Northridge_01_90	2.152	32218.89	US_1994_Northridge_01_90	2.152	32218.89	PE_2007_PISCO_05_NS	4.000	763256.33
	12	TW_1999_ChiChi_10_90	0.673	41109.63	CH_2014_Iquique_02_EW	3.493	43730.55	JP_2011_Tohoku_24_NS	1.373	76547.04	JP_2011_Tohoku_55_EW	1.424	32379.98	JP_2011_Tohoku_55_EW	1.424	32379.98	PE_2010_05MAY_01_NS	4.000	121731.01
	13	CH_2014_Iquique_02_EW	3.493	43730.55	JP_2011_Tohoku_50_NS	0.993	44015.18	JP_2011_Tohoku_26_EW	1.194	114158.87	TW_1999_ChiChi_08_90	0.985	32384.23	TW_1999_ChiChi_08_90	0.985	32384.23	PE_2011_24AGO_03_NS	4.000	823939.82
	14	JP_2011_Tohoku_50_NS	0.993	44015.18	JP_2016_Kumamoto_05_EW	2.044	44458.28	JP_2011_Tohoku_42_EW	0.639	140010.18	CH_2014_Iquique_02_EW	3.909	33505.75	CH_2014_Iquique_02_EW	3.909	33505.75	PE_2011_24AGO_07_NS	4.000	814250.66
	15	JP_2016_Kumamoto_05_EW	2.044	44458.28	JP_2011_Tohoku_44_NS	0.793	49246.50	JP_2011_Tohoku_50_EW	1.419	170512.01	JP_2011_Tohoku_10_EW	0.715	34077.62	JP_2011_Tohoku_10_EW	0.715	34077.62	PE_2015_24NOV_01_EW	4.000	888135.97
	16	JP_2011_Tohoku_44_NS	0.793	49246.50	JP_2011_Tohoku_59_EW	1.505	49343.11	JP_2018_Hokkaido_03_EW	0.839	116528.88	JP_2011_Tohoku_44_NS	0.700	34756.83	JP_2011_Tohoku_44_NS	0.700	34756.83	PE_2015_24NOV_01_NS	4.000	888433.58
	17	JP_2011_Tohoku_59_EW	1.505	49343.11	PE_1974_03OCT_NS	3.610	49368.83	TW_1999_ChiChi_04_90	1.401	91853.61	JP_2011_Tohoku_32_NS	1.212	34857.36	JP_2011_Tohoku_32_NS	1.212	34857.36	PE_2015_24NOV_02_NS	4.000	889861.62
	18	PE_1974_03OCT_NS	3.610	49368.83	JP_2004_Chuetstu_07_NS	1.509	50189.99	TW_1999_ChiChi_08_360	1.225	57070.02	JP_2011_Tohoku_10_NS	0.820	35113.83	JP_2011_Tohoku_10_NS	0.820	35113.83	PE_2015_24NOV_04_EW	4.000	853674.68
	19	JP_2004_Chuetstu_07_NS	1.509	50189.99	JP_2011_Tohoku_37_NS	0.941	53729.31	US_1981_Westmorland_90	1.412	81552.92	JP_2011_Miyagi_11_EW	0.738	35561.83	JP_2011_Miyagi_11_EW	0.738	35561.83	PE_2015_24NOV_04_NS	4.000	849196.11
	20	JP_2011_Tohoku_01_NS	0.950	52229.43	JP_2018_Hokkaido_02_EW	1.201	55062.73	US_1989_Loma Prieta_06_0	1.177	76548.96	TW_1999_ChiChi_08_360	1.455	37101.72	TW_1999_ChiChi_08_360	1.455	37101.72	US_1981_Westmorland_90	1.364	80117.77
RMS E	1	PE_1974_03OCT_EW	3.145	129.12	PE_1974_03OCT_EW	3.145	129.12	CH_2010_Maule_04_Long	1.244	159.48	PE_1974_03OCT_EW	2.939	112.73	PE_1974_03OCT_EW	2.939	112.73	JP_2003_Hokkaido_07_NS	1.576	261.04
	2	JP_2004_Chuetstu_07_EW	1.029	142.37	JP_2004_Chuetstu_07_EW	1.029	142.37	JP_2000_Tottori_02_NS	0.612	376.83	JP_2004_Chuetstu_05_EW	0.738	136.30	JP_2004_Chuetstu_05_EW	0.738	136.30	JP_2003_Miyagi_03_NS	1.121	229.83
	3	CH_2010_Maule_04_Long	1.244	159.48	CH_2010_Maule_04_Long	1.244	159.48	JP_2003_Hokkaido_03_NS	1.370	301.61	JP_2004_Chuetstu_07_EW	1.030	142.40	JP_2004_Chuetstu_07_EW	1.030	142.40	JP_2004_Chuetstu_01_NS	0.408	408.82
	4	JP_2011_Tohoku_32_NS	1.220	186.58	JP_2011_Tohoku_32_NS	1.220	186.58	JP_2003_Hokkaido_07_NS	1.309	303.85	CH_2010_Maule_04_Long	1.273	158.49	CH_2010_Maule_04_Long	1.273	158.49	JP_2021_Fukushima_07_EW	1.273	365.48
	5	CH_2010_Maule_03_Trans	1.339	187.72	CH_2016_GO07_NS	1.764	189.29	JP_2004_Chuetstu_06_EW	0.719	200.55	JP_2004_Chuetstu_07_NS	1.303	160.24	JP_2004_Chuetstu_07_NS	1.303	160.24	PE_1974_09NOV_01_EW	3.939	247.17
	6	CH_2016_GO07_NS	1.764	189.29	JP_2011_Miyagi_11_EW	0.703	193.50	JP_2007_Noto_01_NS	0.511	405.36	TW_1999_ChiChi_10_90	0.768	168.57	TW_1999_ChiChi_10_90	0.768	168.57	PE_2001_07JUL_01_EW	4.000	689.56
	7	JP_2011_Miyagi_11_EW	0.703	193.50	JP_2004_14DEC_EW	0.605	193.62	JP_2011_Miyagi_11_EW	0.703	193.50	CH_2010_Maule_03_Trans	1.242	170.90	CH_2010_Maule_03_Trans	1.242	170.90	PE_2001_07JUL_01_NS	4.000	654.75
	8	JP_2004_14DEC_EW	0.605	193.62	JP_2011_Tohoku_10_NS	0.774	194.44	JP_2011_Miyagi_16_EW	1.122	245.28	CH_2016_GO07_NS	1.636	172.26	CH_2016_GO07_NS	1.636	172.26	PE_2005_13JUN_05_EW	4.000	531.51
	9	JP_2011_Tohoku_10_NS	0.774	194.44	JP_2011_Tohoku_10_EW	0.763	194.93	JP_2011_Tohoku_04_NS	1.098	357.03	US_1989_Loma Prieta_06_0	1.545	175.13	US_1989_Loma Prieta_06_0	1.545	175.13	PE_2005_13JUN_06_EW	4.000	463.71
	10	JP_2011_Tohoku_10_EW	0.763	194.93	JP_2004_Chuetstu_06_EW	0.719	200.55	JP_2011_Tohoku_13_NS	0.695	342.98	JP_2003_Hokkaido_06_NS	1.364	177.38	JP_2003_Hokkaido_06_NS	1.364	177.38	PE_2007_PISCO_05_EW	4.000	895.56
	11	JP_2004_Chuetstu_06_EW	0.719	200.55	TW_1999_ChiChi_10_90	0.673	202.76	JP_2011_Tohoku_23_NS	1.526	361.23	US_1994_Northridge_01_90	2.152	179.50	US_1994_Northridge_01_90	2.152	179.50	PE_2007_PISCO_05_NS	4.000	873.65
	12	TW_1999_ChiChi_10_90	0.673	202.76	CH_2014_Iquique_02_EW	3.493	209.12	JP_2011_Tohoku_24_NS	1.373	276.67	JP_2011_Tohoku_55_EW	1.424	179.94	JP_2011_Tohoku_55_EW	1.424	179.94	PE_2010_05MAY_01_NS	4.000	348.90
	13	CH_2014_Iquique_02_EW	3.493	209.12	JP_2011_Tohoku_50_NS	0.993	209.80	JP_2011_Tohoku_26_EW	1.194	337.87	TW_1999_ChiChi_08_90	0.985	179.96	TW_1999_ChiChi_08_90	0.985	179.96	PE_2011_24AGO_03_NS	4.000	907.71
	14	JP_2011_Tohoku_50_NS	0.993	209.80	JP_2016_Kumamoto_05_EW	2.044	210.85	JP_2011_Tohoku_42_EW	0.639	374.18	CH_2014_Iquique_02_EW	3.909	183.05	CH_2014_Iquique_02_EW	3.909	183.05	PE_2011_24AGO_07_NS	4.000	902.36
	15	JP_2016_Kumamoto_05_EW	2.044	210.85	JP_2011_Tohoku_44_NS	0.793	221.92	JP_2011_Tohoku_50_EW	1.419	412.93	JP_2011_Tohoku_10_EW	0.715	184.60	JP_2011_Tohoku_10_EW	0.715	184.60	PE_2015_24NOV_01_EW	4.000	942.41

	16	JP_2011_Tohoku_44_NS	0.793	221.92	JP_2011_Tohoku_59_EW	1.505	222.13	JP_2018_Hokkaido_03_EW	0.839	341.36	JP_2011_Tohoku_44_NS	0.700	186.43	JP_2011_Tohoku_44_NS	0.700	186.43	PE_2015_24NOV_01_NS	4.000	942.57
	17	JP_2011_Tohoku_59_EW	1.505	222.13	PE_1974_03OCT_NS	3.610	222.19	TW_1999_ChiChi_04_90	1.401	303.07	JP_2011_Tohoku_32_NS	1.212	186.70	JP_2011_Tohoku_32_NS	1.212	186.70	PE_2015_24NOV_02_NS	4.000	943.32
	18	PE_1974_03OCT_NS	3.610	222.19	JP_2004_Chuettsu_07_NS	1.509	224.03	TW_1999_ChiChi_08_360	1.225	238.89	JP_2011_Tohoku_10_NS	0.820	187.39	JP_2011_Tohoku_10_NS	0.820	187.39	PE_2015_24NOV_04_EW	4.000	923.95
	19	JP_2004_Chuettsu_07_NS	1.509	224.03	JP_2011_Tohoku_37_NS	0.941	231.80	US_1981_Westmorland_90	1.412	285.57	JP_2011_Miyagi_11_EW	0.738	188.58	JP_2011_Miyagi_11_EW	0.738	188.58	PE_2015_24NOV_04_NS	4.000	921.52
	20	JP_2011_Tohoku_01_NS	0.950	228.54	JP_2018_Hokkaido_02_EW	1.201	234.65	US_1989_Loma Prieta_06_0	1.177	276.67	TW_1999_ChiChi_08_360	1.455	192.62	TW_1999_ChiChi_08_360	1.455	192.62	US_1981_Westmorland_90	1.364	283.05

REGISTROS SELECCIONADOS CASO Nmr T=0.24s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuettsu_07_NS	1.098	71.95	JP_2004_Chuettsu_07_NS	1.098	71.95	CH_2010_Maule_04_Transv	0.504	230.25	JP_2004_Chuettsu_07_NS	1.182	66.20	JP_2004_Chuettsu_07_NS	1.182	66.20	CH_2010_Maule_02_Long	0.580	157.83
	2	JP_2004_Chuettsu_07_EW	0.860	86.19	JP_2004_Chuettsu_07_EW	0.860	86.19	CH_2015_Coquimbo_02_NS	0.956	226.75	JP_2004_Chuettsu_07_EW	0.925	74.45	JP_2004_Chuettsu_07_EW	0.925	74.45	CH_2010_Maule_02_Transv	0.415	181.54
	3	CH_2014_Iquique_02_EW	3.017	103.23	CH_2014_Iquique_02_EW	3.017	103.23	CH_2016_GO07_EW	1.211	187.52	JP_2011_Tohoku_55_EW	1.303	79.50	JP_2011_Tohoku_55_EW	1.303	79.50	CH_2010_Maule_04_Long	1.091	111.94
	4	JP_2011_Tohoku_55_EW	1.117	105.08	JP_2011_Tohoku_55_EW	1.117	105.08	JP_2003_Hokkaido_01_EW	0.568	313.25	PE_1974_03OCT_EW	2.545	84.27	PE_1974_03OCT_EW	2.545	84.27	CH_2010_Maule_06_Transv	0.970	144.29
	5	US_1986_North Palm Springs_0	1.287	106.89	US_1986_North Palm Springs_0	1.287	106.89	JP_2003_Hokkaido_01_NS	0.608	294.81	CH_2014_Iquique_02_EW	3.455	86.22	CH_2014_Iquique_02_EW	3.455	86.22	CH_2012_GO05_NS	4.000	158.02
	6	JP_2016_Kumamoto_05_EW	1.652	109.17	JP_2016_Kumamoto_05_EW	1.652	109.17	JP_2003_Hokkaido_09_NS	0.335	329.45	JP_2003_Hokkaido_06_NS	1.212	94.07	JP_2003_Hokkaido_06_NS	1.212	94.07	JP_1997_Shizuoca_NS	1.697	222.02
	7	TW_1999_ChiChi_08_360	1.166	110.20	TW_1999_ChiChi_08_360	1.166	110.20	JP_2003_Hokkaido_12_EW	1.281	155.11	JP_2011_Tohoku_01_NS	0.753	104.32	JP_2011_Tohoku_01_NS	0.753	104.32	JP_2003_Hokkaido_03_NS	0.925	116.70
	8	JP_2011_Tohoku_59_EW	1.352	111.28	JP_2011_Tohoku_59_EW	1.352	111.28	JP_2009_Shizuoca_01_NS	0.784	284.87	US_1986_North Palm Springs_0	1.333	106.02	US_1986_North Palm Springs_0	1.333	106.02	JP_2011_16APR_02_EW	1.061	260.08
	9	JP_2003_Hokkaido_03_EW	0.667	113.28	JP_2003_Hokkaido_03_EW	0.667	113.28	JP_2011_Fukushima_03_NS	0.790	268.08	PE_2001_07JUL_02_EW	3.424	106.25	PE_2001_07JUL_02_EW	3.424	106.25	JP_2011_Tohoku_20_NS	2.818	209.87
	10	TW_1999_ChiChi_08_90	0.931	113.54	TW_1999_ChiChi_08_90	0.931	113.54	JP_2011_Tohoku_10_NS	0.549	181.87	TW_1999_ChiChi_10_90	0.745	106.42	TW_1999_ChiChi_10_90	0.745	106.42	JP_2011_Tohoku_28_EW	0.955	134.30
	11	PE_1974_03OCT_EW	2.223	113.96	PE_1974_03OCT_EW	2.223	113.96	JP_2011_Tohoku_20_NS	2.598	215.82	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2011_Tohoku_28_NS	0.655	152.82
	12	CH_2010_Maule_04_Long	1.040	113.96	CH_2010_Maule_04_Long	1.040	113.96	JP_2011_Tohoku_23_EW	0.710	224.26	TW_1999_ChiChi_08_360	1.212	108.08	TW_1999_ChiChi_08_360	1.212	108.08	JP_2011_Tohoku_35_NS	0.415	238.90
	13	JP_2003_Hokkaido_03_NS	0.922	116.62	JP_2003_Hokkaido_03_NS	0.922	116.62	JP_2011_Tohoku_38_NS	1.027	141.53	TW_1999_ChiChi_08_90	0.865	108.54	TW_1999_ChiChi_08_90	0.865	108.54	JP_2011_Tohoku_55_NS	0.963	111.62
	14	JP_2003_Hokkaido_06_NS	1.048	118.55	JP_2003_Hokkaido_06_NS	1.048	118.55	JP_2011_Tohoku_39_EW	0.542	212.54	JP_2004_Chuettsu_06_EW	0.618	110.19	JP_2004_Chuettsu_06_EW	0.618	110.19	JP_2011_Tohoku_59_NS	1.364	175.80
	15	JP_2011_Miyagi_17_NS	0.671	120.79	JP_2011_Miyagi_17_NS	0.671	120.79	JP_2016_Kumamoto_01_EW	0.608	142.26	JP_2011_Tohoku_44_NS	0.648	110.94	JP_2011_Tohoku_44_NS	0.648	110.94	JP_2021_Fukushima_05_EW	1.333	179.62
	16	US_1989_Loma Prieta_06_90	1.607	125.41	US_1994_Northridge_02_90	1.185	125.95	JP_2018_Hokkaido_06_EW	0.750	303.52	JP_2011_Tohoku_59_EW	1.333	111.01	JP_2011_Tohoku_59_EW	1.333	111.01	PE_2001_07JUL_02_EW	3.424	106.25
	17	US_1994_Northridge_02_90	1.185	125.95	JP_2003_Hokkaido_05_EW	1.202	126.05	PE_1974_09NOV_01_EW	2.835	174.20	JP_2011_Tohoku_55_NS	0.963	111.62	JP_2011_Tohoku_55_NS	0.963	111.62	PE_2005_13JUN_02_EW	4.000	173.90
	18	JP_2003_Hokkaido_05_EW	1.202	126.05	US_1989_Loma Prieta_05_195	2.920	127.90	PE_2001_07JUL_02_EW	2.790	138.73	CH_2010_Maule_04_Long	1.091	111.94	CH_2010_Maule_04_Long	1.091	111.94	US_1986_North Palm Springs_90	1.667	143.77
	19	US_1989_Loma Prieta_05_195	2.920	127.90	TW_1999_ChiChi_01_90	0.570	128.92	US_1992_Big Bear_270	0.987	238.21	JP_2011_Tohoku_32_NS	1.061	111.97	JP_2011_Tohoku_32_NS	1.061	111.97	US_1989_Loma Prieta_05_195	2.758	124.94
	20	TW_1999_ChiChi_01_90	0.570	128.92	CH_2012_GO05_EW	3.337	132.75	US_1994_Northridge_02_360	1.240	134.99	JP_2003_Hokkaido_03_EW	0.685	112.73	JP_2003_Hokkaido_03_EW	0.685	112.73	US_1992_Big Bear_270	0.985	238.22
MAP E	1	JP_2016_Kumamoto_05_EW	1.652	17.14	JP_2016_Kumamoto_05_EW	1.652	17.14	CH_2010_Maule_04_Transv	0.504	50.07	JP_2011_Tohoku_55_EW	1.303	13.75	JP_2011_Tohoku_55_EW	1.303	13.75	CH_2014_Iquique_02_EW	3.515	15.03
	2	JP_2004_Chuettsu_07_NS	1.098	17.24	JP_2004_Chuettsu_07_NS	1.098	17.24	CH_2015_Coquimbo_02_NS	0.956	53.91	JP_2004_Chuettsu_07_NS	1.242	14.81	JP_2004_Chuettsu_07_NS	1.242	14.81	CH_2015_Coquimbo_02_NS	0.955	53.91
	3	JP_2011_Tohoku_55_EW	1.117	18.05	JP_2011_Tohoku_55_EW	1.117	18.05	CH_2016_GO07_EW	1.211	37.98	CH_2014_Iquique_02_EW	3.515	15.03	CH_2014_Iquique_02_EW	3.515	15.03	JP_2000_Tottori_01_EW	1.061	41.59
	4	TW_1999_ChiChi_01_90	0.570	18.60	TW_1999_ChiChi_01_90	0.570	18.60	JP_2003_Hokkaido_01_EW	0.568	62.66	PE_2001_07JUL_02_EW	3.758	15.28	PE_2001_07JUL_02_EW	3.758	15.28	JP_2003_Hokkaido_03_NS	0.888	20.86
	5	CH_2014_Iquique_02_EW	3.017	19.06	CH_2014_Iquique_02_EW	3.017	19.06	JP_2003_Hokkaido_01_NS	0.608	62.96	JP_2011_Tohoku_09_EW	0.963	16.95	JP_2011_Tohoku_09_EW	0.963	16.95	JP_2003_Hokkaido_07_NS	1.242	33.75
	6	JP_2003_Hokkaido_03_EW	0.667	19.08	JP_2003_Hokkaido_03_EW	0.667	19.08	JP_2003_Hokkaido_09_NS	0.335	69.42	JP_2016_Kumamoto_05_EW	1.636	17.14	JP_2016_Kumamoto_05_EW	1.636	17.14	JP_2003_Miyagi_01_NS	0.610	61.17
	7	US_1986_North Palm Springs_0	1.287	19.30	US_1986_North Palm Springs_0	1.287	19.30	JP_2003_Hokkaido_12_EW	1.281	24.35	JP_2011_Tohoku_55_NS	0.888	17.87	JP_2011_Tohoku_55_NS	0.888	17.87	JP_2011_15MAR_EW	0.438	49.66
	8	US_1994_Northridge_02_360	1.240	20.34	US_1994_Northridge_02_360	1.240	20.34	JP_2009_Shizuoca_01_NS	0.784	64.71	JP_2011_Tohoku_22_EW	0.985	18.04	JP_2011_Tohoku_22_EW	0.985	18.04	JP_2011_16APR_02_EW	1.212	60.95

	9	JP_2021_Fukushima_01_EW	0.92 0	20.74	JP_2021_Fukushima_01_EW	0.92 0	20.74	JP_2011_Fukushima_03_N S	0.79 0	58.07	US_1994_Northridge_02_360	1.39 4	18.15	US_1994_Northridge_02_360	1.39 4	18.15	JP_2011_Tohoku_17_EW	0.70 8	33.31
	10	JP_2011_Tohoku_19_EW	1.09 5	21.19	JP_2011_Tohoku_19_EW	1.09 5	21.19	JP_2011_Tohoku_10_NS	0.54 9	40.94	TW_1999_ChiChi_01_90	0.55 8	18.40	TW_1999_ChiChi_01_90	0.55 8	18.40	JP_2011_Tohoku_29_EW	0.85 0	52.49
	11	JP_2003_Hokkaido_03_NS	0.92 2	21.28	JP_2003_Hokkaido_03_NS	0.92 2	21.28	JP_2011_Tohoku_20_NS	2.59 8	49.32	JP_2011_Tohoku_01_NS	0.76 0	18.62	JP_2011_Tohoku_01_NS	0.76 0	18.62	JP_2011_Tohoku_36_NS	0.85 8	24.65
	12	JP_2011_Tohoku_59_EW	1.35 2	21.93	JP_2011_Tohoku_59_EW	1.35 2	21.93	JP_2011_Tohoku_23_EW	0.71 0	44.01	US_1986_North Palm Springs_0	1.36 4	18.89	US_1986_North Palm Springs_0	1.36 4	18.89	JP_2011_Tohoku_39_EW	0.57 3	52.49
	13	US_1989_Loma Prieta_05_195	2.92 0	22.95	US_1989_Loma Prieta_05_195	2.92 0	22.95	JP_2011_Tohoku_38_NS	1.02 7	23.47	JP_2003_Hokkaido_03_EW	0.68 5	18.96	JP_2003_Hokkaido_03_EW	0.68 5	18.96	JP_2011_Tohoku_59_NS	1.39 4	28.17
	14	JP_2011_Tohoku_28_EW	0.90 3	23.04	JP_2011_Tohoku_28_EW	0.90 3	23.04	JP_2011_Tohoku_39_EW	0.54 2	52.84	JP_2003_Hokkaido_11_NS	0.89 5	19.34	JP_2003_Hokkaido_11_NS	0.89 5	19.34	JP_2016_Kumamoto_03_EW	0.86 5	25.08
	15	TW_1999_ChiChi_08_90	0.93 1	23.10	TW_1999_ChiChi_08_90	0.93 1	23.10	JP_2016_Kumamoto_01_E W	0.60 8	25.47	JP_2003_Hokkaido_06_NS	1.21 2	19.77	JP_2003_Hokkaido_06_NS	1.21 2	19.77	JP_2021_Fukushima_05_EW	1.39 4	37.20
	16	JP_2011_Tohoku_09_NS	0.83 3	23.16	JP_2011_Tohoku_09_NS	0.83 3	23.16	JP_2018_Hokkaido_06_EW	0.75 0	62.22	US_1989_Loma Prieta_03_90	0.96 3	20.07	US_1989_Loma Prieta_03_90	0.96 3	20.07	PE_1970_31MAY_EW	4.00 0	40.25
	17	JP_2011_Tohoku_22_NS	1.01 2	23.17	JP_2011_Tohoku_22_NS	1.01 2	23.17	PE_1974_09NOV_01_EW	2.83 5	39.79	JP_2011_Tohoku_19_EW	1.18 2	20.09	JP_2011_Tohoku_19_EW	1.18 2	20.09	PE_2005_13JUN_02_EW	4.00 0	39.34
	18	JP_2011_Tohoku_38_NS	1.02 7	23.47	US_1994_Northridge_02_90	1.18 5	23.50	PE_2001_07JUL_02_EW	2.79 0	27.13	US_1989_Loma Prieta_05_195	2.51 5	20.18	US_1989_Loma Prieta_05_195	2.51 5	20.18	TW_1999_ChiChi_01_360	0.58 0	29.29
	19	US_1994_Northridge_02_90	1.18 5	23.50	JP_2004_Chuettsu_07_EW	0.86 0	23.78	US_1992_Big Bear_270	0.98 7	53.24	JP_2003_Hokkaido_05_EW	1.45 5	20.41	JP_2003_Hokkaido_05_EW	1.45 5	20.41	US_1986_North Palm Springs_90	1.87 9	34.87
	20	JP_2004_Chuettsu_07_EW	0.86 0	23.78	JP_2003_Hokkaido_12_EW	1.28 1	24.35	US_1994_Northridge_02_36 0	1.24 0	20.34	JP_2004_Chuettsu_07_EW	0.95 5	20.53	JP_2004_Chuettsu_07_EW	0.95 5	20.53	US_1994_Northridge_02_360	1.39 4	18.15
MSE	1	JP_2004_Chuettsu_07_NS	1.09 8	7028.40	JP_2004_Chuettsu_07_NS	1.09 8	7028.40	CH_2010_Maule_04_Trans v	0.50 4	75059.61	JP_2004_Chuettsu_07_NS	1.15 2	6141.90	JP_2004_Chuettsu_07_NS	1.15 2	6141.90	CH_2010_Maule_02_Long	0.58 8	53734.01
	2	JP_2004_Chuettsu_07_EW	0.86 0	10846.4 8	JP_2004_Chuettsu_07_EW	0.86 0	10846.4 8	CH_2015_Coquimbo_02_N S	0.95 6	73068.36	PE_1974_03OCT_EW	2.60 6	9305.64	PE_1974_03OCT_EW	2.60 6	9305.64	CH_2010_Maule_04_Long	1.09 1	17546.38
	3	PE_1974_03OCT_EW	2.22 3	18359.8 9	PE_1974_03OCT_EW	2.22 3	18359.8 9	CH_2016_GO07_EW	1.21 1	60071.04	JP_2004_Chuettsu_07_EW	0.91 0	9378.42	JP_2004_Chuettsu_07_EW	0.91 0	9378.42	CH_2010_Maule_06_Long	1.06 1	30516.82
	4	CH_2010_Maule_04_Long	1.04 0	18972.9 2	CH_2010_Maule_04_Long	1.04 0	18972.9 2	JP_2003_Hokkaido_01_EW	0.56 8	135864.1 7	CH_2014_Iquique_02_EW	3.45 5	14621.0 7	CH_2014_Iquique_02_EW	3.45 5	14621.0 7	CH_2010_Maule_06_Transv	0.91 8	39829.04
	5	CH_2014_Iquique_02_EW	3.01 7	21493.6 7	CH_2014_Iquique_02_EW	3.01 7	21493.6 7	JP_2003_Hokkaido_01_NS	0.60 8	120909.3 7	JP_2011_Tohoku_44_NS	0.62 5	16908.6 9	JP_2011_Tohoku_44_NS	0.62 5	16908.6 9	CH_2012_GO05_NS	4.00 0	34621.34
	6	JP_2011_Tohoku_55_EW	1.11 7	22280.4 4	JP_2011_Tohoku_55_EW	1.11 7	22280.4 4	JP_2003_Hokkaido_09_NS	0.33 5	138116.0 6	CH_2010_Maule_04_Long	1.09 1	17546.3 8	CH_2010_Maule_04_Long	1.09 1	17546.3 8	JP_1997_Shizuoca_NS	1.66 7	64662.02
	7	TW_1999_ChiChi_08_360	1.16 6	22900.8 2	TW_1999_ChiChi_08_360	1.16 6	22900.8 2	JP_2003_Hokkaido_12_EW	1.28 1	51588.72	JP_2011_Tohoku_55_EW	1.24 2	18171.4 2	JP_2011_Tohoku_55_EW	1.24 2	18171.4 2	JP_2000_Tottori_01_EW	0.90 3	33304.33
	8	JP_2011_Tohoku_59_EW	1.35 2	24936.9 9	JP_2011_Tohoku_59_EW	1.35 2	24936.9 9	JP_2009_Shizuoca_01_NS	0.78 4	103341.3 7	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	JP_2003_Hokkaido_12_EW	1.21 2	50651.09
	9	US_2005_Anza_01_360	3.69 7	24949.1 0	US_2005_Anza_01_360	3.69 7	24949.1 0	JP_2011_Fukushima_03_N S	0.79 0	108028.3 6	JP_2011_Tohoku_32_NS	1.06 1	18900.1 2	JP_2011_Tohoku_32_NS	1.06 1	18900.1 2	JP_2011_16APR_02_EW	1.06 1	96290.46
	10	JP_2016_Kumamoto_05_EW	1.65 2	25314.5 5	JP_2016_Kumamoto_05_EW	1.65 2	25314.5 5	JP_2011_Tohoku_10_NS	0.54 9	48147.19	JP_2011_Tohoku_01_NS	0.76 0	19349.5 6	JP_2011_Tohoku_01_NS	0.76 0	19349.5 6	JP_2011_Miyagi_16_EW	1.12 1	30250.53
	11	TW_1999_ChiChi_08_90	0.93 1	26028.8 1	TW_1999_ChiChi_08_90	0.93 1	26028.8 1	JP_2011_Tohoku_20_NS	2.59 8	66937.95	JP_2004_14DEC_EW	0.53 5	20298.4 5	JP_2004_14DEC_EW	0.53 5	20298.4 5	JP_2011_Tohoku_20_NS	2.60 6	66944.41
	12	PE_1974_03OCT_NS	2.93 1	26599.9 3	PE_1974_03OCT_NS	2.93 1	26599.9 3	JP_2011_Tohoku_23_EW	0.71 0	82925.79	JP_2003_Hokkaido_06_NS	1.18 2	21048.7 8	JP_2003_Hokkaido_06_NS	1.18 2	21048.7 8	JP_2011_Tohoku_28_EW	0.97 8	33279.46
	13	JP_2004_Chuettsu_05_EW	0.58 0	26763.4 8	JP_2003_Hokkaido_06_NS	1.04 8	26887.9 3	JP_2011_Tohoku_38_NS	1.02 7	39196.28	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	JP_2011_Tohoku_28_NS	0.67 0	31417.68
	14	JP_2003_Hokkaido_06_NS	1.04 8	26887.9 3	JP_2011_Miyagi_17_NS	0.67 1	28675.5 4	JP_2011_Tohoku_39_EW	0.54 2	64004.49	PE_2010_05MAY_02_EW	4.00 0	21901.9 9	PE_2010_05MAY_02_EW	4.00 0	21901.9 9	JP_2011_Tohoku_55_NS	0.97 0	28729.29
	15	JP_2011_Tohoku_10_EW	0.66 2	27111.7 0	JP_2003_Hokkaido_03_NS	0.92 2	29123.9 4	JP_2016_Kumamoto_01_E W	0.60 8	38880.18	JP_2004_Chuettsu_06_EW	0.61 0	21916.3 0	JP_2004_Chuettsu_06_EW	0.61 0	21916.3 0	JP_2011_Tohoku_59_NS	1.21 2	64233.74
	16	JP_2011_Miyagi_17_NS	0.67 1	28675.5 4	US_1986_North Palm Springs_90	1.68 0	29159.9 0	JP_2018_Hokkaido_06_EW	0.75 0	122687.8 4	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	US_1987_WhittierNarrows_02_ 0	0.88 0	131307.4 6
	17	JP_2003_Hokkaido_03_NS	0.92 2	29123.9 4	JP_2009_Shizuoca_02_EW	1.29 3	29416.5 9	PE_1974_09NOV_01_EW	2.83 5	48326.90	JP_2011_Tohoku_50_NS	0.90 3	23896.3 5	JP_2011_Tohoku_50_NS	0.90 3	23896.3 5	US_1987_WhittierNarrows_02_ 90	0.79 0	102266.6 3
	18	US_1986_North Palm Springs_90	1.68 1	29159.9 0	US_1986_North Palm Springs_0	1.28 7	29593.0 1	PE_2001_07JUL_02_EW	2.79 0	40166.99	US_1994_Northridge_01_90	1.90 9	23993.2 0	US_1994_Northridge_01_90	1.90 9	23993.2 0	US_1989_Loma Prieta_05_195	2.72 7	32807.60
	19	US_1989_Loma Prieta_06_90	1.60 7	29200.5 0	JP_2011_Miyagi_11_EW	0.66 7	29614.4 8	US_1992_Big Bear_270	0.98 7	71599.00	PE_2010_05MAY_02_NS	3.60 6	24276.1 2	PE_2010_05MAY_02_NS	3.60 6	24276.1 2	US_1991_Petrolia_90	1.09 1	32628.30
	20	JP_2009_Shizuoca_02_EW	1.29 3	29416.5 9	JP_2011_Tohoku_44_NS	0.51 6	30701.5 5	US_1994_Northridge_02_36 0	1.24 0	47377.20	JP_2016_Kumamoto_05_EW	1.72 7	24314.9 1	JP_2016_Kumamoto_05_EW	1.72 7	24314.9 1	US_1992_Big Bear_270	0.95 5	71070.61
RMS E	1	JP_2004_Chuettsu_07_NS	1.09 8	83.84	JP_2004_Chuettsu_07_NS	1.09 8	83.84	CH_2010_Maule_04_Trans v	0.50 4	273.97	JP_2004_Chuettsu_07_NS	1.15 2	78.37	JP_2004_Chuettsu_07_NS	1.15 2	78.37	CH_2010_Maule_02_Long	0.58 8	231.81
	2	JP_2004_Chuettsu_07_EW	0.86 0	104.15	JP_2004_Chuettsu_07_EW	0.86 0	104.15	CH_2015_Coquimbo_02_N S	0.95 6	270.31	PE_1974_03OCT_EW	2.60 6	96.47	PE_1974_03OCT_EW	2.60 6	96.47	CH_2010_Maule_04_Long	1.09 1	132.46
	3	PE_1974_03OCT_EW	2.22 3	135.50	PE_1974_03OCT_EW	2.22 3	135.50	CH_2016_GO07_EW	1.21 1	245.09	JP_2004_Chuettsu_07_EW	0.91 0	96.84	JP_2004_Chuettsu_07_EW	0.91 0	96.84	CH_2010_Maule_06_Long	1.06 1	174.69
	4	CH_2010_Maule_04_Long	1.04 0	137.74	CH_2010_Maule_04_Long	1.04 0	137.74	JP_2003_Hokkaido_01_EW	0.56 8	368.60	CH_2014_Iquique_02_EW	3.45 5	120.92	CH_2014_Iquique_02_EW	3.45 5	120.92	CH_2010_Maule_06_Transv	0.91 8	199.57
	5	CH_2014_Iquique_02_EW	3.01 7	146.61	CH_2014_Iquique_02_EW	3.01 7	146.61	JP_2003_Hokkaido_01_NS	0.60 8	347.72	JP_2011_Tohoku_44_NS	0.62 5	130.03	JP_2011_Tohoku_44_NS	0.62 5	130.03	CH_2012_GO05_NS	4.00 0	186.07
	6	JP_2011_Tohoku_55_EW	1.11 7	149.27	JP_2011_Tohoku_55_EW	1.11 7	149.27	JP_2003_Hokkaido_09_NS	0.33 5	371.64	CH_2010_Maule_04_Long	1.09 1	132.46	CH_2010_Maule_04_Long	1.09 1	132.46	JP_1997_Shizuoca_NS	1.66 7	254.29
	7	TW_1999_ChiChi_08_360	1.16 6	151.33	TW_1999_ChiChi_08_360	1.16 6	151.33	JP_2003_Hokkaido_12_EW	1.28 1	227.13	JP_2011_Tohoku_55_EW	1.24 2	134.80	JP_2011_Tohoku_55_EW	1.24 2	134.80	JP_2000_Tottori_01_EW	0.90 3	182.49

	8	JP_2011_Tohoku_59_EW	1.35 2	157.91	JP_2011_Tohoku_59_EW	1.35 2	157.91	JP_2009_Shizuoca_01_NS	0.78 4	321.47	TW_1999_ChiChi_10_90	0.67 0	136.80	TW_1999_ChiChi_10_90	0.67 0	136.80	JP_2003_Hokkaido_12_EW	1.21 2	225.06
	9	US_2005_Anza_01_360	3.69 7	157.95	US_2005_Anza_01_360	3.69 7	157.95	JP_2011_Fukushima_03_N S	0.79 0	328.68	JP_2011_Tohoku_32_NS	1.06 1	137.48	JP_2011_Tohoku_32_NS	1.06 1	137.48	JP_2011_16APR_02_EW	1.06 1	310.31
	10	JP_2016_Kumamoto_05_EW	1.65 2	159.11	JP_2016_Kumamoto_05_EW	1.65 2	159.11	JP_2011_Tohoku_10_NS	0.54 9	219.42	JP_2011_Tohoku_01_NS	0.76 0	139.10	JP_2011_Tohoku_01_NS	0.76 0	139.10	JP_2011_Miyagi_16_EW	1.12 1	173.93
	11	TW_1999_ChiChi_08_90	0.93 1	161.33	TW_1999_ChiChi_08_90	0.93 1	161.33	JP_2011_Tohoku_20_NS	2.59 8	258.72	JP_2004_14DEC_EW	0.53 5	142.47	JP_2004_14DEC_EW	0.53 5	142.47	JP_2011_Tohoku_20_NS	2.60 6	258.74
	12	PE_1974_03OCT_NS	2.93 1	163.09	PE_1974_03OCT_NS	2.93 1	163.09	JP_2011_Tohoku_23_EW	0.71 0	287.97	JP_2003_Hokkaido_06_NS	1.18 2	145.08	JP_2003_Hokkaido_06_NS	1.18 2	145.08	JP_2011_Tohoku_28_EW	0.97 8	182.43
	13	JP_2004_Chuetzu_05_EW	0.58 0	163.60	JP_2003_Hokkaido_06_NS	1.04 8	163.98	JP_2011_Tohoku_38_NS	1.02 7	197.98	TW_1999_ChiChi_08_360	1.24 2	146.16	TW_1999_ChiChi_08_360	1.24 2	146.16	JP_2011_Tohoku_28_NS	0.67 0	177.25
	14	JP_2003_Hokkaido_06_NS	1.04 8	163.98	JP_2011_Miyagi_17_NS	0.67 1	169.34	JP_2011_Tohoku_39_EW	0.54 2	252.99	PE_2010_05MAY_02_EW	4.00 0	147.99	PE_2010_05MAY_02_EW	4.00 0	147.99	JP_2011_Tohoku_55_NS	0.97 0	169.50
	15	JP_2011_Tohoku_10_EW	0.66 2	164.66	JP_2003_Hokkaido_03_NS	0.92 2	170.66	JP_2016_Kumamoto_01_E W	0.60 8	197.18	JP_2004_Chuetzu_06_EW	0.61 0	148.04	JP_2004_Chuetzu_06_EW	0.61 0	148.04	JP_2011_Tohoku_59_NS	1.21 2	253.44
	16	JP_2011_Miyagi_17_NS	0.67 1	169.34	US_1986_North Palm Springs 90	1.68 1	170.76	JP_2018_Hokkaido_06_EW	0.75 0	350.27	TW_1999_ChiChi_08_90	0.85 0	148.49	TW_1999_ChiChi_08_90	0.85 0	148.49	US_1987_WhittierNarrows_02_ 0	0.88 0	362.36
	17	JP_2003_Hokkaido_03_NS	0.92 2	170.66	JP_2009_Shizuoca_02_EW	1.29 3	171.51	PE_1974_09NOV_01_EW	2.83 5	219.83	JP_2011_Tohoku_50_NS	0.90 3	154.58	JP_2011_Tohoku_50_NS	0.90 3	154.58	US_1987_WhittierNarrows_02_ 90	0.79 0	319.79
	18	US_1986_North Palm Springs 90	1.68 1	170.76	US_1986_North Palm Springs 0	1.28 7	172.03	PE_2001_07JUL_02_EW	2.79 0	200.42	US_1994_Northridge_01_90	1.90 9	154.90	US_1994_Northridge_01_90	1.90 9	154.90	US_1989_Loma Prieta_05_195	2.72 7	181.13
	19	US_1989_Loma Prieta_06_90	1.60 7	170.88	JP_2011_Miyagi_11_EW	0.66 7	172.09	US_1992_Big Bear_270	0.98 7	267.58	PE_2010_05MAY_02_NS	3.60 6	155.81	PE_2010_05MAY_02_NS	3.60 6	155.81	US_1991_Petrolia_90	1.09 1	180.63
	20	JP_2009_Shizuoca_02_EW	1.29 3	171.51	JP_2011_Tohoku_44_NS	0.51 6	175.22	US_1994_Northridge_02_36 0	1.24 0	217.66	JP_2016_Kumamoto_05_EW	1.72 7	155.93	JP_2016_Kumamoto_05_EW	1.72 7	155.93	US_1992_Big Bear_270	0.95 5	266.59

REGISTROS SELECCIONADOS CASO Nmr T=0.24s - TSemc-tr-475																			
Caso:		TSemc-tr-475_NSp_Sbs			TSemc-tr-475_NSp_Sci			TSemc-tr-475_NSp_Ssr			TSemc-tr-475_NSr_Sbs			TSemc-tr-475_NSr_Sci			TSemc-tr-475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_1996_21DEC_EW	0.37 1	30.84	JP_2011_Miyagi_15_EW	0.44 9	76.05	CH_2016_GO07_EW	0.90 9	205.19	JP_1996_21DEC_EW	0.37 0	30.95	JP_1996_21DEC_EW	0.37 0	30.95	JP_2007_Noto_02_NS	0.25 0	150.04
	2	JP_2001_Geiyo_03_EW	0.39 6	46.14	JP_2011_Miyagi_07_NS	0.40 0	83.52	CH_2016_GO07_NS	0.81 4	225.69	JP_2011_Tohoku_06_EW	0.25 0	38.51	JP_2011_Tohoku_06_EW	0.25 0	38.51	JP_2011_Tohoku_09_EW	0.31 0	97.14
	3	JP_2011_Tohoku_60_EW	0.38 2	52.69	JP_2003_Hokkaido_09_NS	0.25 1	83.91	JP_1997_Kagoshima_EW	0.61 2	239.68	JP_2001_Geiyo_03_EW	0.35 5	42.86	JP_2001_Geiyo_03_EW	0.35 5	42.86	JP_2011_Tohoku_20_NS	0.37 8	123.57
	4	JP_2012_25AGO_EW	0.43 9	53.63	JP_2011_Tohoku_06_NS	0.33 2	90.57	JP_2000_Tottori_01_EW	0.71 0	346.61	JP_2011_Tohoku_60_EW	0.31 0	46.32	JP_2011_Tohoku_60_EW	0.31 0	46.32	JP_2016_Kumamoto_04_EW	0.25 0	118.60
	5	JP_2011_Tohoku_06_EW	0.31 0	54.40	JP_2011_Tohoku_25_NS	0.58 7	96.57	JP_2003_Hokkaido_07_NS	0.77 3	185.65	US_2005_Anza_02_90	0.36 3	47.69	US_2005_Anza_02_90	0.36 3	47.69	PE_2007_PISCO_05_EW	4.00 0	157.71
	6	JP_2011_Tohoku_60_NS	0.51 2	57.41	JP_2018_Hokkaido_06_E W	0.56 3	100.43	JP_2004_Chuetzu_03_NS	0.58 7	240.43	JP_2011_Tohoku_25_EW	0.29 5	49.16	JP_2011_Tohoku_25_EW	0.29 5	49.16	PE_2007_PISCO_05_NS	4.00 0	157.55
	7	US_1992_Petrolia_Aftershock_03 90	0.40 6	61.28	JP_2011_Tohoku_25_EW	0.48 5	105.57	JP_2011_Tohoku_20_NS	1.95 2	304.96	JP_2003_Hokkaido_12_NS	0.25 0	50.10	JP_2003_Hokkaido_12_NS	0.25 0	50.10	PE_2010_05MAY_01_EW	1.06 1	118.53
	8	JP_2016_Kumamoto_08_NS	0.34 7	62.04	JP_2018_Hokkaido_01_NS	0.38 3	109.88	JP_2011_Tohoku_23_EW	0.53 3	169.09	US_1992_Petrolia_Aftershock_03 90	0.32 5	50.14	US_1992_Petrolia_Aftershock_03 90	0.32 5	50.14	PE_2011_24AGO_01_EW	4.00 0	167.62
	9	JP_2011_Miyagi_15_EW	0.44 9	76.05	JP_2004_27OCT_03_EW	0.65 7	111.06	JP_2011_Tohoku_26_EW	0.44 4	137.57	JP_2012_25AGO_EW	0.40 8	50.22	JP_2012_25AGO_EW	0.40 8	50.22	PE_2011_24AGO_01_NS	4.00 0	168.04
	10	JP_2011_Miyagi_07_NS	0.40 0	83.52	JP_2018_Hokkaido_01_E W	0.44 0	114.55	JP_2011_Tohoku_35_EW	0.39 4	271.51	JP_2011_Miyagi_15_EW	0.35 5	51.49	JP_2011_Miyagi_15_EW	0.35 5	51.49	PE_2011_24AGO_02_EW	4.00 0	165.84
	11	JP_2003_Hokkaido_09_NS	0.25 1	83.91	JP_2011_Tohoku_18_EW	0.43 6	114.93	JP_2011_Tohoku_45_EW	0.59 2	255.33	JP_2011_Tohoku_60_NS	0.45 3	51.61	JP_2011_Tohoku_60_NS	0.45 3	51.61	PE_2011_24AGO_02_NS	4.00 0	162.90
	12	JP_2012_25AGO_NS	0.64 3	86.63	JP_2011_Tohoku_02_EW	0.36 0	115.29	JP_2011_Tohoku_60_NS	0.51 2	57.41	JP_2009_Shizuoca_01_EW	0.28 0	53.72	JP_2009_Shizuoca_01_EW	0.28 0	53.72	PE_2011_24AGO_03_EW	4.00 0	166.71
	13	JP_2003_Hokkaido_01_EW	0.42 7	87.21	JP_2000_Tottori_02_NS	0.32 7	120.27	JP_2016_14APR_EW	0.60 3	133.37	JP_2004_29NOV_03_NS	0.25 0	55.21	JP_2004_29NOV_03_NS	0.25 0	55.21	PE_2011_24AGO_06_NS	4.00 0	162.65
	14	JP_2011_Tohoku_57_NS	0.46 3	89.58	JP_2011_Tohoku_48_EW	0.47 5	126.55	JP_2016_Kumamoto_06_E W	0.71 4	294.41	JP_2011_Tohoku_06_NS	0.25 0	55.54	JP_2011_Tohoku_06_NS	0.25 0	55.54	PE_2015_24NOV_01_EW	4.00 0	193.89
	15	JP_2011_Tohoku_06_NS	0.33 2	90.57	JP_2018_Hokkaido_03_NS	0.38 0	135.88	JP_2018_Hokkaido_06_E W	0.56 3	100.43	JP_2011_Tohoku_25_NS	0.37 8	56.07	JP_2011_Tohoku_25_NS	0.37 8	56.07	PE_2015_24NOV_01_NS	4.00 0	194.01
	16	JP_2011_16APR_01_EW	1.12 0	91.81	JP_2011_Tohoku_26_EW	0.44 4	137.57	PE_1974_09NOV_01_EW	2.13 0	233.58	JP_2018_Hokkaido_06_EW	0.39 3	57.31	JP_2018_Hokkaido_06_EW	0.39 3	57.31	PE_2015_24NOV_02_EW	4.00 0	194.54
	17	JP_2004_29NOV_03_NS	0.32 7	92.88	CH_2014_Iquique_01_EW	0.45 6	141.62	TW_1999_ChiChi_08_90	0.69 9	396.35	JP_2011_Tohoku_18_EW	0.26 5	59.54	JP_2011_Tohoku_18_EW	0.26 5	59.54	PE_2015_24NOV_02_NS	4.00 0	194.66
	18	JP_2009_Shizuoca_01_EW	0.48 1	95.66	JP_2011_Tohoku_48_NS	0.62 0	142.54	US_1989_Loma Prieta 04 0	0.52 0	294.45	JP_2011_Tohoku_57_NS	0.31 8	59.73	JP_2011_Tohoku_57_NS	0.31 8	59.73	PE_2015_24NOV_03_NS	4.00 0	192.01
	19	JP_2016_Kumamoto_08_EW	0.43 5	96.18	JP_2000_Tottori_02_EW	0.42 6	146.78	US_1994_Northridge_01_9 0	1.04 2	215.26	JP_2016_Kumamoto_08_NS	0.33 3	60.85	JP_2016_Kumamoto_08_NS	0.33 3	60.85	PE_2015_24NOV_04_NS	4.00 0	175.31
	20	JP_2011_Tohoku_25_NS	0.58 7	96.57	JP_2011_Miyagi_01_EW	0.58 1	147.08	US_1994_Northridge_02_3 60	0.93 2	243.65	JP_2011_Tohoku_48_NS	0.32 5	60.88	JP_2011_Tohoku_48_NS	0.32 5	60.88	PE_2015_24NOV_05_EW	4.00 0	190.89

MAP E	1	JP_2011_Tohoku_57_NS	0.46 3	126.24	JP_2011_Miyagi_15_EW	0.44 9	300.56	CH_2016_GO07_EW	0.90 9	1353.95	US_2005_Anza_02_90	0.25 0	58.57	US_2005_Anza_02_90	0.25 0	58.57	CH_1995_Antofagasta_Transv	0.25 0	86.52
	2	JP_2001_Geiyō_03_EW	0.39 6	126.68	JP_2011_Tohoku_06_NS	0.33 2	314.24	CH_2016_GO07_NS	0.81 4	1115.57	JP_2011_Fukushima_01_EW	0.25 0	58.71	JP_2011_Fukushima_01_EW	0.25 0	58.71	CH_2012_GO05_EW	0.25 0	206.99
	3	JP_1996_21DEC_EW	0.37 1	126.88	JP_2003_Hokkaido_09_NS	0.25 1	334.12	JP_1997_Kagoshima_EW	0.61 2	918.26	US_2005_Anza_02_360	0.25 0	60.89	US_2005_Anza_02_360	0.25 0	60.89	CH_2012_GO05_NS	0.25 0	111.81
	4	JP_2012_25AGO_EW	0.43 9	128.45	US_2005_Anza_02_360	0.94 3	339.05	JP_2000_Tottori_01_EW	0.71 0	1210.00	JP_2011_19MAR_01_NS	0.25 0	61.72	JP_2011_19MAR_01_NS	0.25 0	61.72	JP_2004_ChuetsuAftershock_02_NS	0.25 0	186.50
	5	US_1992_Petrolia_Aftershock_03_90	0.40 6	162.04	JP_2003_Miyagi_01_NS	0.46 1	340.69	JP_2003_Hokkaido_07_NS	0.77 3	2598.56	JP_2001_Geiyō_02_NS	0.25 0	65.25	JP_2001_Geiyō_02_NS	0.25 0	65.25	PE_2001_07JUL_01_EW	0.25 0	206.56
	6	US_2005_Anza_02_90	0.58 6	173.57	JP_2011_Fukushima_01_NS	1.24 7	341.10	JP_2004_Chuetsu_03_NS	0.58 7	841.88	PE_1974_05ENE_01_NS	0.41 5	66.77	PE_1974_05ENE_01_NS	0.41 5	66.77	PE_2005_13JUN_03_NS	0.41 5	69.14
	7	JP_2011_Tohoku_57_EW	0.74 8	186.10	JP_2011_Tohoku_25_NS	0.58 7	341.92	JP_2011_Tohoku_20_NS	1.95 2	995.88	PE_2005_13JUN_03_EW	0.36 3	67.40	PE_2005_13JUN_03_EW	0.36 3	67.40	PE_2005_13JUN_07_EW	0.25 0	91.49
	8	JP_2011_Tohoku_60_EW	0.38 2	188.35	JP_2009_Shizuoka_01_NS	0.58 9	361.59	JP_2011_Tohoku_23_EW	0.53 3	1313.07	PE_2015_24NOV_04_NS	4.00 0	69.02	PE_2005_13JUN_03_NS	0.41 5	69.14	PE_2005_25SET_02_EW	0.25 0	278.58
	9	JP_2011_Fukushima_01_EW	0.95 3	216.81	JP_2011_Tohoku_25_EW	0.48 5	366.04	JP_2011_Tohoku_26_EW	0.44 4	1040.08	PE_2005_13JUN_03_NS	0.41 5	69.14	JP_2011_Tohoku_57_EW	0.25 0	69.26	PE_2007_PISCO_03_NS	0.25 0	118.23
	10	JP_2011_Miyagi_10_EW	0.48 4	227.85	JP_2018_Hokkaido_01_NS	0.38 3	371.32	JP_2011_Tohoku_35_EW	0.39 4	686.03	JP_2011_Tohoku_57_EW	0.25 0	69.26	PE_2005_13JUN_05_NS	0.31 0	70.33	PE_2007_PISCO_04_NS	0.25 0	118.23
	11	JP_2009_Shizuoka_01_EW	0.48 1	233.62	JP_2011_16APR_02_EW	0.77 1	383.97	JP_2011_Tohoku_45_EW	0.59 2	1231.18	PE_2005_13JUN_05_NS	0.31 0	70.33	US_1991_SierraMadre_90	0.25 0	70.90	PE_2007_PISCO_05_EW	0.25 0	92.70
	12	JP_2011_19MAR_01_NS	0.67 5	237.19	JP_2011_16APR_02_NS	0.46 9	390.87	JP_2011_Tohoku_60_NS	0.51 2	305.41	US_1991_SierraMadre_90	0.25 0	70.90	MX_1985_Guerrero_N90W	0.25 0	72.33	PE_2007_PISCO_05_NS	0.25 0	96.39
	13	JP_2001_Geiyō_01_EW	0.44 9	247.68	JP_2003_Miyagi_02_NS	0.82 8	405.32	JP_2016_14APR_EW	0.60 3	304.68	MX_1985_Guerrero_N90W	0.25 0	72.33	JP_2011_19MAR_01_EW	0.25 0	72.89	PE_2010_05MAY_02_EW	0.25 0	144.62
	14	JP_2021_Fukushima_06_NS	0.61 7	270.44	JP_2004_25OCT_EW	1.29 5	410.28	JP_2016_Kumamoto_06_EW	0.71 4	2540.31	JP_2011_19MAR_01_EW	0.25 0	72.89	JP_2011_Tohoku_57_NS	0.25 0	73.01	PE_2011_24AGO_01_EW	0.55 0	92.98
	15	JP_2001_Geiyō_03_NS	0.55 5	270.76	JP_2003_Miyagi_02_EW	0.74 6	410.99	JP_2018_Hokkaido_06_EW	0.56 3	687.90	JP_2011_Tohoku_57_NS	0.25 0	73.01	JP_2011_Fukushima_01_NS	0.25 0	73.10	PE_2011_24AGO_02_EW	0.26 5	88.98
	16	JP_2011_Tohoku_61_EW	0.70 3	270.77	JP_2004_27OCT_01_NS	0.78 8	412.13	PE_1974_09NOV_01_EW	2.13 0	1196.91	JP_2011_Fukushima_01_NS	0.25 0	73.10	US_1987_WhittierNarrows_02_0	0.25 0	74.66	PE_2011_24AGO_04_NS	1.09 1	75.41
	17	JP_2001_Geiyō_02_NS	0.84 2	274.48	JP_2011_Tohoku_40_EW	0.39 3	412.37	TW_1999_ChiChi_08_90	0.69 9	1847.83	US_1987_WhittierNarrows_02_0	0.25 0	74.66	PE_2011_24AGO_04_NS	1.09 1	75.41	PE_2015_24NOV_02_EW	4.00 0	97.36
	18	JP_2021_Miyagi_02_EW	0.86 0	275.47	JP_2011_Miyagi_15_NS	0.76 4	413.58	US_1989_Loma Prieta_04_0	0.52 0	1385.63	PE_2015_24NOV_04_EW	4.00 0	75.10	PE_1974_05ENE_02_NS	0.64 8	75.77	PE_2015_24NOV_02_NS	4.00 0	97.74
	19	JP_2011_Miyagi_09_EW	0.69 6	291.66	JP_2003_Miyagi_05_NS	0.55 9	423.65	US_1994_Northridge_01_90	1.04 2	1302.74	PE_2011_24AGO_04_NS	1.09 1	75.41	PE_1974_05ENE_01_EW	0.30 3	76.73	PE_2015_24NOV_05_EW	4.00 0	94.71
	20	JP_2011_Tohoku_06_EW	0.31 0	299.00	JP_2021_Fukushima_07_EW	0.85 7	432.61	US_1994_Northridge_02_360	0.93 2	2488.80	PE_1974_05ENE_02_NS	0.64 8	75.77	MX_1985_Guerrero_N00W	0.25 0	76.99	US_1991_SierraMadre_90	0.25 0	70.90
MSE	1	JP_1996_21DEC_EW	0.37 1	2248.52	JP_2011_Miyagi_15_EW	0.44 9	10281.47	CH_2016_GO07_EW	0.90 9	57460.24	JP_1996_21DEC_EW	0.37 0	2248.27	JP_1996_21DEC_EW	0.37 0	2248.27	JP_2004_27OCT_03_NS	0.28 0	17529.06
	2	JP_2011_Tohoku_06_EW	0.31 0	5079.03	JP_2003_Hokkaido_09_NS	0.25 1	11787.34	CH_2016_GO07_NS	0.81 4	73083.97	JP_2011_Tohoku_06_EW	0.26 5	2627.72	JP_2011_Tohoku_06_EW	0.26 5	2627.72	JP_2011_Tohoku_20_NS	0.73 0	33754.64
	3	JP_2001_Geiyō_03_EW	0.39 6	6797.94	JP_2011_Miyagi_07_NS	0.40 0	14625.82	JP_1997_Kagoshima_EW	0.61 2	86575.40	JP_2011_Tohoku_60_EW	0.31 8	4475.24	JP_2011_Tohoku_60_EW	0.31 8	4475.24	JP_2016_Kumamoto_04_EW	0.26 5	24430.76
	4	JP_2011_Tohoku_60_NS	0.51 2	6838.61	JP_2011_Tohoku_06_NS	0.33 2	15929.98	JP_2000_Tottori_01_EW	0.71 0	169785.72	JP_2001_Geiyō_03_EW	0.34 0	4643.23	JP_2001_Geiyō_03_EW	0.34 0	4643.23	PE_2007_PISCO_05_EW	4.00 0	62095.80
	5	JP_2011_Tohoku_60_EW	0.38 2	7469.63	JP_2018_Hokkaido_06_EW	0.56 3	16465.32	JP_2003_Hokkaido_07_NS	0.77 3	43124.97	JP_2011_Tohoku_60_NS	0.45 3	5313.68	JP_2011_Tohoku_60_NS	0.45 3	5313.68	PE_2007_PISCO_05_NS	4.00 0	59925.29
	6	JP_2016_Kumamoto_08_NS	0.34 7	9481.80	JP_2004_27OCT_03_EW	0.65 7	18527.14	JP_2004_Chuetsu_03_NS	0.58 7	110253.40	JP_2011_Miyagi_15_EW	0.36 3	5328.27	JP_2011_Miyagi_15_EW	0.36 3	5328.27	PE_2010_05MAY_02_EW	1.21 2	30926.36
	7	JP_2011_Miyagi_15_EW	0.44 9	10281.47	JP_2011_Tohoku_18_EW	0.43 6	21037.66	JP_2011_Tohoku_20_NS	1.95 2	178473.22	JP_2003_Hokkaido_12_NS	0.25 0	5644.14	JP_2003_Hokkaido_12_NS	0.25 0	5644.14	PE_2011_24AGO_01_EW	4.00 0	69691.84
	8	JP_2012_25AGO_EW	0.43 9	10781.58	JP_2000_Tottori_02_NS	0.32 7	22735.54	JP_2011_Tohoku_23_EW	0.53 3	49468.40	JP_2011_Tohoku_06_NS	0.25 0	5790.21	JP_2011_Tohoku_06_NS	0.25 0	5790.21	PE_2011_24AGO_01_NS	4.00 0	69908.16
	9	JP_2003_Hokkaido_09_NS	0.25 1	11787.34	JP_2011_Tohoku_25_EW	0.48 5	23202.03	JP_2011_Tohoku_26_EW	0.44 4	27020.37	US_1992_Petrolia_Aftershock_03_90	0.31 8	6072.92	US_1992_Petrolia_Aftershock_03_90	0.31 8	6072.92	PE_2011_24AGO_02_EW	4.00 0	70261.61
	10	US_1992_Petrolia_Aftershock_03_90	0.40 6	12792.68	JP_2018_Hokkaido_01_EW	0.44 0	23411.49	JP_2011_Tohoku_35_EW	0.39 4	121512.39	JP_2018_Hokkaido_06_EW	0.41 5	6094.18	JP_2018_Hokkaido_06_EW	0.41 5	6094.18	PE_2011_24AGO_02_NS	4.00 0	68511.89
	11	JP_2003_Hokkaido_01_EW	0.42 7	12976.11	JP_2011_Tohoku_25_NS	0.58 7	25150.71	JP_2011_Tohoku_45_EW	0.59 2	90101.82	JP_2011_Tohoku_18_EW	0.30 3	6968.30	JP_2011_Tohoku_18_EW	0.30 3	6968.30	PE_2011_24AGO_03_EW	4.00 0	68315.25
	12	JP_2011_Miyagi_07_NS	0.40 0	14625.82	JP_2011_Tohoku_48_EW	0.47 5	25986.43	JP_2011_Tohoku_60_NS	0.51 2	6838.61	US_2005_Anza_02_90	0.40 8	7058.86	US_2005_Anza_02_90	0.40 8	7058.86	PE_2011_24AGO_06_NS	4.00 0	66703.35
	13	JP_2011_Tohoku_06_NS	0.33 2	15929.98	JP_2011_Tohoku_26_EW	0.44 4	27020.37	JP_2016_14APR_EW	0.60 3	40827.79	JP_2011_Tohoku_25_EW	0.33 3	7092.38	JP_2011_Tohoku_25_EW	0.33 3	7092.38	PE_2015_24NOV_01_EW	4.00 0	84205.71
	14	JP_2003_Hokkaido_13_EW	0.47 3	16140.72	JP_2011_Tohoku_02_EW	0.36 0	27468.09	JP_2016_Kumamoto_06_EW	0.71 4	115722.87	JP_2012_25AGO_EW	0.36 3	7340.97	JP_2012_25AGO_EW	0.36 3	7340.97	PE_2015_24NOV_01_NS	4.00 0	84289.82
	15	JP_2018_Hokkaido_06_EW	0.56 3	16465.32	JP_2018_Hokkaido_01_NS	0.38 3	28347.44	JP_2018_Hokkaido_06_EW	0.56 3	16465.32	JP_2016_Kumamoto_08_NS	0.30 3	7524.61	JP_2016_Kumamoto_08_NS	0.30 3	7524.61	PE_2015_24NOV_02_EW	4.00 0	84729.09
	16	JP_2004_27OCT_03_EW	0.65 7	18527.14	CH_2014_Iquique_01_EW	0.45 6	31870.97	PE_1974_09NOV_01_EW	2.13 0	75912.04	JP_2000_Tottori_02_NS	0.25 0	7584.78	JP_2000_Tottori_02_NS	0.25 0	7584.78	PE_2015_24NOV_02_NS	4.00 0	84778.85
	17	JP_2004_06DIC_NS	0.70 6	18734.86	JP_2011_Tohoku_32_EW	0.61 2	32017.04	TW_1999_ChiChi_08_90	0.69 9	211261.53	JP_2003_Hokkaido_01_EW	0.34 0	7836.34	JP_2003_Hokkaido_01_EW	0.34 0	7836.34	PE_2015_24NOV_03_NS	4.00 0	82933.33
	18	JP_2011_Tohoku_18_EW	0.43 6	21037.66	JP_2011_Tohoku_09_EW	0.51 4	33513.53	US_1989_Loma Prieta_04_0	0.52 0	122742.87	JP_2011_Miyagi_07_NS	0.31 0	7864.57	JP_2011_Miyagi_07_NS	0.31 0	7864.57	PE_2015_24NOV_04_NS	4.00 0	74301.07
	19	US_2005_Anza_02_90	0.58 6	21463.86	JP_2011_Miyagi_01_EW	0.58 1	33911.14	US_1994_Northridge_01_90	1.04 2	64383.86	JP_2004_06DIC_NS	0.51 3	8083.86	JP_2004_06DIC_NS	0.51 3	8083.86	PE_2015_24NOV_05_EW	4.00 0	82411.62

	20	US_1994_Northridge_01_360	0.507	21876.84	JP_2018_Hokkaido_03_NS	0.380	35424.50	US_1994_Northridge_02_360	0.932	84225.06	JP_2009_Shizuoca_01_EW	0.333	8174.47	JP_2009_Shizuoca_01_EW	0.333	8174.47	US_1989_Loma Prieta_05_195	0.790	34676.54
RMS E	1	JP_1996_21DEC_EW	0.371	47.42	JP_2011_Miyagi_15_EW	0.449	101.40	CH_2016_GO07_EW	0.909	239.71	JP_1996_21DEC_EW	0.370	47.42	JP_1996_21DEC_EW	0.370	47.42	JP_2004_27OCT_03_NS	0.280	132.40
	2	JP_2011_Tohoku_06_EW	0.310	71.27	JP_2003_Hokkaido_09_NS	0.251	108.57	CH_2016_GO07_NS	0.814	270.34	JP_2011_Tohoku_06_EW	0.265	51.26	JP_2011_Tohoku_06_EW	0.265	51.26	JP_2011_Tohoku_20_NS	0.730	183.72
	3	JP_2001_Geiyō_03_EW	0.396	82.45	JP_2011_Miyagi_07_NS	0.400	120.94	JP_1997_Kagoshima_EW	0.612	294.24	JP_2011_Tohoku_60_EW	0.318	66.90	JP_2011_Tohoku_60_EW	0.318	66.90	JP_2016_Kumamoto_04_EW	0.265	156.30
	4	JP_2011_Tohoku_60_NS	0.512	82.70	JP_2011_Tohoku_06_NS	0.332	126.21	JP_2000_Tottori_01_EW	0.710	412.05	JP_2001_Geiyō_03_EW	0.340	68.14	JP_2001_Geiyō_03_EW	0.340	68.14	PE_2007_PISCO_05_EW	4.000	249.19
	5	JP_2011_Tohoku_60_EW	0.382	86.43	JP_2018_Hokkaido_06_EW	0.563	128.32	JP_2003_Hokkaido_07_NS	0.773	207.67	JP_2011_Tohoku_60_NS	0.453	72.90	JP_2011_Tohoku_60_NS	0.453	72.90	PE_2007_PISCO_05_NS	4.000	244.80
	6	JP_2016_Kumamoto_08_NS	0.347	97.37	JP_2004_27OCT_03_EW	0.657	136.11	JP_2004_Chūetsu_03_NS	0.587	332.04	JP_2011_Miyagi_15_EW	0.363	73.00	JP_2011_Miyagi_15_EW	0.363	73.00	PE_2010_05MAY_02_EW	1.212	175.86
	7	JP_2011_Miyagi_15_EW	0.449	101.40	JP_2011_Tohoku_18_EW	0.436	145.04	JP_2011_Tohoku_20_NS	1.952	422.46	JP_2003_Hokkaido_12_NS	0.250	75.13	JP_2003_Hokkaido_12_NS	0.250	75.13	PE_2011_24AGO_01_EW	4.000	263.99
	8	JP_2012_25AGO_EW	0.439	103.83	JP_2000_Tottori_02_NS	0.327	150.78	JP_2011_Tohoku_23_EW	0.533	222.41	JP_2011_Tohoku_06_NS	0.250	76.09	JP_2011_Tohoku_06_NS	0.250	76.09	PE_2011_24AGO_01_NS	4.000	264.40
	9	JP_2003_Hokkaido_09_NS	0.251	108.57	JP_2011_Tohoku_25_EW	0.485	152.32	JP_2011_Tohoku_26_EW	0.444	164.38	US_1992_Petrolia_Aftershock_0390	0.318	77.93	US_1992_Petrolia_Aftershock_0390	0.318	77.93	PE_2011_24AGO_02_EW	4.000	265.07
	10	US_1992_Petrolia_Aftershock_0390	0.406	113.10	JP_2018_Hokkaido_01_EW	0.440	153.01	JP_2011_Tohoku_35_EW	0.394	348.59	JP_2018_Hokkaido_06_EW	0.415	78.07	JP_2018_Hokkaido_06_EW	0.415	78.07	PE_2011_24AGO_02_NS	4.000	261.75
	11	JP_2003_Hokkaido_01_EW	0.427	113.91	JP_2011_Tohoku_25_NS	0.587	158.59	JP_2011_Tohoku_45_EW	0.592	300.17	JP_2011_Tohoku_18_EW	0.303	83.48	JP_2011_Tohoku_18_EW	0.303	83.48	PE_2011_24AGO_03_EW	4.000	261.37
	12	JP_2011_Miyagi_07_NS	0.400	120.94	JP_2011_Tohoku_48_EW	0.475	161.20	JP_2011_Tohoku_60_NS	0.512	82.70	US_2005_Anza_02_90	0.408	84.02	US_2005_Anza_02_90	0.408	84.02	PE_2011_24AGO_06_NS	4.000	258.27
	13	JP_2011_Tohoku_06_NS	0.332	126.21	JP_2011_Tohoku_26_EW	0.444	164.38	JP_2016_14APR_EW	0.603	202.06	JP_2011_Tohoku_25_EW	0.333	84.22	JP_2011_Tohoku_25_EW	0.333	84.22	PE_2015_24NOV_01_EW	4.000	290.18
	14	JP_2003_Hokkaido_13_EW	0.473	127.05	JP_2011_Tohoku_02_EW	0.360	165.73	JP_2016_Kumamoto_06_EW	0.714	340.18	JP_2012_25AGO_EW	0.363	85.68	JP_2012_25AGO_EW	0.363	85.68	PE_2015_24NOV_01_NS	4.000	290.33
	15	JP_2018_Hokkaido_06_EW	0.563	128.32	JP_2018_Hokkaido_01_NS	0.383	168.37	JP_2018_Hokkaido_06_EW	0.563	128.32	JP_2016_Kumamoto_08_NS	0.303	86.74	JP_2016_Kumamoto_08_NS	0.303	86.74	PE_2015_24NOV_02_EW	4.000	291.08
	16	JP_2004_27OCT_03_EW	0.657	136.11	CH_2014_Iquique_01_EW	0.456	178.52	PE_1974_09NOV_01_EW	2.130	275.52	JP_2000_Tottori_02_NS	0.250	87.09	JP_2000_Tottori_02_NS	0.250	87.09	PE_2015_24NOV_02_NS	4.000	291.17
	17	JP_2004_06DIC_NS	0.706	136.88	JP_2011_Tohoku_32_EW	0.612	178.93	TW_1999_ChiChi_08_90	0.699	459.63	JP_2003_Hokkaido_01_EW	0.340	88.52	JP_2003_Hokkaido_01_EW	0.340	88.52	PE_2015_24NOV_03_NS	4.000	287.98
	18	JP_2011_Tohoku_18_EW	0.436	145.04	JP_2011_Tohoku_09_EW	0.514	183.07	US_1989_Loma Prieta_04_0	0.520	350.35	JP_2011_Miyagi_07_NS	0.310	88.68	JP_2011_Miyagi_07_NS	0.310	88.68	PE_2015_24NOV_04_NS	4.000	272.58
	19	US_2005_Anza_02_90	0.586	146.51	JP_2011_Miyagi_01_EW	0.581	184.15	US_1994_Northridge_01_90	1.042	253.74	JP_2004_06DIC_NS	0.513	89.91	JP_2004_06DIC_NS	0.513	89.91	PE_2015_24NOV_05_EW	4.000	287.07
	20	US_1994_Northridge_01_360	0.507	147.91	JP_2018_Hokkaido_03_NS	0.380	188.21	US_1994_Northridge_02_360	0.932	290.22	JP_2009_Shizuoca_01_EW	0.333	90.41	JP_2009_Shizuoca_01_EW	0.333	90.41	US_1989_Loma Prieta_05_195	0.790	186.22

REGISTROS SELECCIONADOS CASO Nmr T=0.24s - TSemc-tr-975																			
Caso:		TSemc-tr-975_NSp_Sbs			TSemc-tr-975_NSp_Sci			TSemc-tr-975_NSp_Ssr			TSemc-tr-975_NSr_Sbs			TSemc-tr-975_NSr_Sci			TSemc-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_1996_21DEC_EW	0.466	36.47	JP_2011_Miyagi_15_EW	0.563	100.30	CH_2010_Maule_04_Transv	0.475	222.03	JP_2003_Hokkaido_12_NS	0.250	34.97	JP_2003_Hokkaido_12_NS	0.250	34.97	JP_2003_Hokkaido_05_EW	0.460	138.60
	2	JP_2003_Hokkaido_12_NS	0.275	40.97	JP_2011_Miyagi_07_NS	0.502	110.06	CH_2014_Iquique_02_EW	2.843	361.60	JP_1996_21DEC_EW	0.468	36.62	JP_1996_21DEC_EW	0.468	36.62	JP_2011_Tohoku_20_NS	0.453	153.99
	3	JP_2001_Geiyō_03_EW	0.497	59.93	JP_2003_Hokkaido_09_NS	0.315	111.38	CH_2016_GO07_EW	1.141	263.52	JP_2011_Tohoku_06_EW	0.303	49.53	JP_2011_Tohoku_06_EW	0.303	49.53	JP_2011_Tohoku_23_EW	0.355	153.14
	4	JP_2011_Tohoku_60_EW	0.479	69.90	JP_2011_Tohoku_06_NS	0.416	120.00	JP_2003_Hokkaido_01_EW	0.535	111.59	JP_2001_Geiyō_03_EW	0.453	55.46	JP_2001_Geiyō_03_EW	0.453	55.46	JP_2011_Tohoku_45_EW	0.310	133.21
	5	JP_2012_25AGO_EW	0.550	70.73	JP_2021_Fukushima_09_EW	0.259	121.34	JP_2003_Hokkaido_01_NS	0.573	145.47	JP_2011_Tohoku_60_EW	0.363	59.08	JP_2011_Tohoku_60_EW	0.363	59.08	JP_2011_Tohoku_45_NS	0.250	166.52
	6	JP_2011_Tohoku_06_EW	0.389	73.01	JP_2009_Shizuoca_01_EW	0.604	126.11	JP_2003_Hokkaido_03_NS	0.868	388.56	JP_2011_Tohoku_25_EW	0.363	62.00	JP_2011_Tohoku_25_EW	0.363	62.00	JP_2016_Kumamoto_04_EW	0.250	143.08
	7	JP_2011_Tohoku_60_NS	0.643	75.00	JP_2011_Tohoku_25_NS	0.737	127.28	JP_2003_Hokkaido_07_EW	1.382	533.92	US_2005_Anza_02_90	0.438	62.54	US_2005_Anza_02_90	0.438	62.54	PE_2007_PISCO_05_EW	4.000	200.12
	8	JP_2016_Kumamoto_08_NS	0.436	79.46	JP_2018_Hokkaido_06_EW	0.707	132.76	JP_2003_Hokkaido_09_NS	0.315	111.38	US_1992_Petrolia_Aftershock_0390	0.385	63.59	US_1992_Petrolia_Aftershock_0390	0.385	63.59	PE_2007_PISCO_05_NS	4.000	195.89
	9	US_1992_Petrolia_Aftershock_0390	0.510	79.84	JP_2003_Hokkaido_13_EW	0.593	133.84	JP_2003_Hokkaido_12_EW	1.207	383.75	JP_2012_25AGO_EW	0.490	63.76	JP_2012_25AGO_EW	0.490	63.76	PE_2010_05MAY_02_EW	1.061	136.73
	10	JP_2011_Miyagi_15_EW	0.563	100.30	JP_2011_Tohoku_25_EW	0.609	139.11	JP_2004_Chūetsu_03_NS	0.736	306.83	JP_2011_Miyagi_15_EW	0.445	65.82	JP_2011_Miyagi_15_EW	0.445	65.82	PE_2011_24AGO_01_EW	4.000	210.65
	11	JP_2011_Miyagi_07_NS	0.502	110.06	JP_2018_Hokkaido_01_NS	0.480	143.25	JP_2009_Shizuoca_01_NS	0.739	215.13	JP_2004_29NOV_03_NS	0.265	65.90	JP_2004_29NOV_03_NS	0.265	65.90	PE_2011_24AGO_01_NS	4.000	211.06
	12	JP_2003_Hokkaido_09_NS	0.315	111.38	JP_2004_27OCT_03_EW	0.824	146.01	JP_2011_Tohoku_10_NS	0.518	274.60	JP_2011_Tohoku_60_NS	0.565	66.36	JP_2011_Tohoku_60_NS	0.565	66.36	PE_2011_24AGO_02_EW	4.000	208.76

	13	JP_2003_Hokkaido_01_EW	0.535	111.59	JP_2018_Hokkaido_01_EW	0.552	150.38	JP_2011_Tohoku_23_EW	0.669	218.23	JP_2011_Tohoku_06_NS	0.273	67.13	JP_2011_Tohoku_06_NS	0.273	67.13	PE_2011_24AGO_03_EW	4.000	209.74
	14	JP_2012_25AGO_NS	0.807	112.47	JP_2011_Tohoku_02_EW	0.451	150.65	JP_2011_Tohoku_50_EW	0.991	589.85	JP_2009_Shizuoca_01_EW	0.340	67.50	JP_2009_Shizuoca_01_EW	0.340	67.50	PE_2015_24NOV_01_EW	4.000	236.95
	15	JP_2011_Tohoku_57_NS	0.580	116.82	JP_2011_Tohoku_18_EW	0.546	150.95	JP_2021_Fukushima_05_NS	2.125	777.62	JP_2011_Tohoku_25_NS	0.453	70.48	JP_2011_Tohoku_25_NS	0.453	70.48	PE_2015_24NOV_01_NS	4.000	237.07
	16	JP_2011_16APR_01_EW	1.406	118.06	JP_2000_Tottori_02_NS	0.410	157.64	PE_1974_09NOV_01_EW	2.672	299.80	JP_2018_Hokkaido_06_EW	0.475	73.43	JP_2018_Hokkaido_06_EW	0.475	73.43	PE_2015_24NOV_02_EW	4.000	237.60
	17	JP_2011_Tohoku_06_NS	0.416	120.00	JP_2011_Tohoku_14_EW	0.305	159.12	PE_2001_07JUL_02_EW	2.629	303.83	JP_2011_Tohoku_57_NS	0.378	74.31	JP_2011_Tohoku_57_NS	0.378	74.31	PE_2015_24NOV_02_NS	4.000	237.72
	18	JP_2021_Fukushima_09_EW	0.259	121.34	JP_2003_Hokkaido_09_EW	0.302	164.24	US_1989_Loma Prieta_05_195	2.752	496.92	JP_2003_Hokkaido_09_NS	0.250	74.50	JP_2003_Hokkaido_09_NS	0.250	74.50	PE_2015_24NOV_03_NS	4.000	235.07
	19	JP_2004_29NOV_03_NS	0.410	123.19	JP_2011_Tohoku_48_EW	0.596	165.53	US_1992_Big Bear_270	0.930	345.93	JP_2000_Tottori_02_NS	0.250	75.40	JP_2000_Tottori_02_NS	0.250	75.40	PE_2015_24NOV_04_NS	4.000	218.36
	20	JP_2016_Kumamoto_08_EW	0.545	124.05	JP_2013_25FEB_NS	0.281	175.33	US_1994_Northridge_02_360	1.169	312.42	JP_2011_Tohoku_18_EW	0.325	75.99	JP_2011_Tohoku_18_EW	0.325	75.99	PE_2015_24NOV_05_EW	4.000	233.95
MAP E	1	JP_2011_Tohoku_57_NS	0.580	149.24	JP_2009_Shizuoca_01_EW	0.604	275.87	CH_2010_Maule_04_Transv	0.475	1042.50	US_2005_Anza_02_360	0.250	60.15	US_2005_Anza_02_360	0.250	60.15	CH_1995_Antofagasta_Transv	0.250	86.98
	2	JP_1996_21DEC_EW	0.466	150.28	JP_2013_25FEB_NS	0.281	341.81	CH_2014_Iquique_02_EW	2.843	2222.80	JP_2011_Fukushima_01_EW	0.250	60.37	JP_2011_Fukushima_01_EW	0.250	60.37	CH_2012_GO05_EW	0.250	197.90
	3	JP_2001_Geiyu_03_EW	0.497	150.77	JP_2011_Miyagi_15_EW	0.563	351.82	CH_2016_GO07_EW	1.141	1565.30	US_2005_Anza_02_90	0.250	61.64	US_2005_Anza_02_90	0.250	61.64	CH_2012_GO05_NS	0.250	111.11
	4	JP_2012_25AGO_EW	0.550	154.29	JP_2011_Tohoku_06_NS	0.416	367.90	JP_2003_Hokkaido_01_EW	0.535	826.23	JP_2011_19MAR_01_NS	0.250	63.76	JP_2011_19MAR_01_NS	0.250	63.76	JP_2004_ChuetuAftershock_02_NS	0.250	170.55
	5	US_1992_Petrolia_Aftershock_03_90	0.510	192.44	US_2005_Anza_02_360	1.183	386.95	JP_2003_Hokkaido_01_NS	0.573	642.62	JP_2001_Geiyu_02_NS	0.250	63.89	JP_2001_Geiyu_02_NS	0.250	63.89	PE_2001_07JUL_01_EW	0.250	197.48
	6	US_2005_Anza_02_90	0.735	203.41	JP_2003_Miyagi_01_NS	0.578	388.97	JP_2003_Hokkaido_03_NS	0.868	3465.90	US_1987_WhittierNarrows_02_0	0.250	67.19	US_1987_WhittierNarrows_02_0	0.250	67.19	PE_2005_13JUN_03_NS	0.490	71.70
	7	JP_2011_Tohoku_57_EW	0.939	218.88	JP_2011_Fukushima_01_NS	1.565	390.16	JP_2003_Hokkaido_07_NS	0.969	3045.32	PE_1974_05ENE_01_NS	0.378	69.26	PE_1974_05ENE_01_NS	0.378	69.26	PE_2005_13JUN_07_EW	0.250	91.84
	8	JP_2011_Tohoku_60_EW	0.479	223.32	JP_2003_Hokkaido_09_NS	0.315	391.39	JP_2003_Hokkaido_09_NS	0.315	391.39	PE_2005_13JUN_03_EW	0.333	69.41	PE_2005_13JUN_03_EW	0.333	69.41	PE_2005_25SET_02_EW	0.250	263.24
	9	JP_2011_Fukushima_01_EW	1.195	248.69	JP_2011_Tohoku_25_NS	0.737	402.24	JP_2003_Hokkaido_12_EW	1.207	2678.29	PE_2005_13JUN_03_NS	0.490	71.70	PE_2005_13JUN_03_NS	0.490	71.70	PE_2007_PISCO_03_NS	0.250	116.92
	10	JP_2011_Miyagi_10_EW	0.607	263.07	JP_2009_Shizuoca_01_NS	0.739	419.07	JP_2004_Chuetu_03_NS	0.736	962.11	PE_2015_24NOV_04_NS	4.000	72.22	JP_2011_Tohoku_57_EW	0.250	72.29	PE_2007_PISCO_04_NS	0.250	116.92
	11	JP_2011_19MAR_01_NS	0.847	273.29	JP_2011_Tohoku_25_EW	0.609	430.18	JP_2009_Shizuoca_01_NS	0.739	419.07	JP_2011_Tohoku_57_EW	0.250	72.29	PE_2005_13JUN_05_NS	0.348	72.53	PE_2007_PISCO_05_EW	0.250	92.68
	12	JP_2009_Shizuoca_01_EW	0.604	275.87	JP_2018_Hokkaido_01_NS	0.480	430.54	JP_2011_Tohoku_10_NS	0.518	1207.55	PE_2005_13JUN_05_NS	0.348	72.53	US_1991_SierraMadre_90	0.250	73.41	PE_2007_PISCO_05_NS	0.250	96.40
	13	JP_2001_Geiyu_01_EW	0.563	289.60	JP_2011_16APR_02_EW	0.967	442.35	JP_2011_Tohoku_23_EW	0.669	1526.96	US_1991_SierraMadre_90	0.250	73.41	JP_2011_19MAR_01_EW	0.250	73.50	PE_2010_05MAY_02_EW	0.250	139.04
	14	JP_2021_Fukushima_06_NS	0.774	312.20	JP_2011_16APR_02_NS	0.589	449.32	JP_2011_Tohoku_50_EW	0.991	3035.16	JP_2011_19MAR_01_EW	0.250	73.50	MX_1985_Guerrero_N90W	0.250	74.15	PE_2011_24AGO_01_EW	0.580	93.37
	15	JP_2001_Geiyu_02_NS	1.057	314.22	JP_2003_Miyagi_02_NS	1.039	462.61	JP_2021_Fukushima_05_NS	2.125	2344.86	MX_1985_Guerrero_N90W	0.250	74.15	JP_2011_Tohoku_57_NS	0.250	74.29	PE_2011_24AGO_02_EW	0.280	89.27
	16	JP_2001_Geiyu_03_NS	0.696	315.09	JP_2003_Hokkaido_09_EW	0.302	468.60	PE_1974_09NOV_01_EW	2.672	1379.72	JP_2011_Tohoku_57_NS	0.250	74.29	JP_2011_Fukushima_01_NS	0.250	74.49	PE_2011_24AGO_04_NS	1.182	77.74
	17	JP_2011_Tohoku_61_EW	0.882	316.51	JP_2003_Miyagi_02_EW	0.936	471.49	PE_2001_07JUL_02_EW	2.629	1936.94	JP_2011_Fukushima_01_NS	0.250	74.49	JP_2001_Geiyu_03_EW	0.250	76.95	PE_2015_24NOV_02_EW	4.000	97.63
	18	JP_2021_Miyagi_02_EW	1.078	320.73	JP_2004_25OCT_EW	1.624	476.18	US_1989_Loma Prieta_05_195	2.752	3478.30	JP_2001_Geiyu_03_EW	0.250	76.95	MX_1985_Guerrero_N00W	0.250	77.13	PE_2015_24NOV_02_NS	4.000	97.97
	19	JP_2011_Miyagi_09_EW	0.873	338.42	JP_2004_27OCT_01_NS	0.989	476.64	US_1992_Big Bear_270	0.930	893.89	MX_1985_Guerrero_N00W	0.250	77.13	PE_2011_24AGO_04_NS	1.182	77.74	PE_2015_24NOV_05_EW	4.000	95.31
	20	JP_2013_25FEB_NS	0.281	341.81	JP_2011_Tohoku_40_EW	0.493	478.33	US_1994_Northridge_02_360	1.169	2899.77	PE_2015_24NOV_04_EW	4.000	77.64	PE_1974_05ENE_02_NS	0.760	78.45	US_1991_SierraMadre_90	0.250	73.41
MSE	1	JP_2003_Hokkaido_12_NS	0.275	3248.94	JP_2011_Miyagi_15_EW	0.563	17615.63	CH_2010_Maule_04_Transv	0.475	69852.34	JP_2003_Hokkaido_12_NS	0.250	2257.90	JP_2003_Hokkaido_12_NS	0.250	2257.90	CH_2010_Maule_03_Trans	0.363	55391.10
	2	JP_1996_21DEC_EW	0.466	3447.93	JP_2003_Hokkaido_09_NS	0.315	20173.24	CH_2014_Iquique_02_EW	2.843	177832.71	JP_1996_21DEC_EW	0.460	3414.65	JP_1996_21DEC_EW	0.460	3414.65	CH_2014_Iquique_02_EW	1.273	40010.39
	3	JP_2011_Tohoku_06_EW	0.389	9171.71	JP_2011_Miyagi_07_NS	0.502	24916.63	CH_2016_GO07_EW	1.141	93878.53	JP_2011_Tohoku_06_EW	0.325	4527.51	JP_2011_Tohoku_06_EW	0.325	4527.51	JP_1997_Kagoshima_EW	0.370	38236.18
	4	JP_2011_Tohoku_60_NS	0.643	11678.42	JP_2021_Fukushima_09_EW	0.259	26474.47	JP_2003_Hokkaido_01_EW	0.535	21821.50	JP_2011_Tohoku_60_EW	0.393	7349.73	JP_2011_Tohoku_60_EW	0.393	7349.73	JP_2011_Tohoku_45_NS	0.250	51429.63
	5	JP_2001_Geiyu_03_EW	0.497	11847.22	JP_2003_Hokkaido_13_EW	0.593	27343.32	JP_2003_Hokkaido_01_NS	0.573	39474.98	JP_2001_Geiyu_03_EW	0.423	7710.15	JP_2001_Geiyu_03_EW	0.423	7710.15	JP_2016_14APR_EW	0.468	28728.60
	6	JP_2011_Tohoku_60_EW	0.479	12926.08	JP_2011_Tohoku_06_NS	0.416	27419.56	JP_2003_Hokkaido_03_NS	0.868	204372.12	JP_2011_Tohoku_60_NS	0.558	8653.19	JP_2011_Tohoku_60_NS	0.558	8653.19	JP_2016_Kumamoto_04_EW	0.325	38829.56
	7	JP_2016_Kumamoto_08_NS	0.436	15580.37	JP_2018_Hokkaido_06_EW	0.707	28202.50	JP_2003_Hokkaido_07_NS	0.969	71448.16	JP_2011_Miyagi_15_EW	0.445	8706.72	JP_2011_Miyagi_15_EW	0.445	8706.72	PE_2007_PISCO_05_EW	4.000	101192.96
	8	JP_2011_Miyagi_15_EW	0.563	17615.63	JP_2004_27OCT_03_EW	0.824	31792.74	JP_2003_Hokkaido_09_NS	0.315	20173.24	JP_2003_Hokkaido_09_NS	0.250	9481.29	JP_2003_Hokkaido_09_NS	0.250	9481.29	PE_2007_PISCO_05_NS	4.000	97995.77
	9	JP_2012_25AGO_EW	0.550	18173.20	JP_2011_Tohoku_18_EW	0.546	35738.68	JP_2003_Hokkaido_12_EW	1.207	229991.56	JP_2011_Tohoku_06_NS	0.303	9698.23	JP_2011_Tohoku_06_NS	0.303	9698.23	PE_2011_24AGO_01_EW	4.000	110963.65
	10	JP_2003_Hokkaido_09_NS	0.315	20173.24	JP_2000_Tottori_02_NS	0.410	38685.61	JP_2004_Chuetu_03_NS	0.736	177548.51	US_1992_Petrolia_Aftershock_03_90	0.385	9991.55	US_1992_Petrolia_Aftershock_03_90	0.385	9991.55	PE_2011_24AGO_01_NS	4.000	111239.09
	11	JP_2003_Hokkaido_01_EW	0.535	21821.50	JP_2018_Hokkaido_01_EW	0.552	39308.09	JP_2009_Shizuoca_01_NS	0.739	100311.81	JP_2018_Hokkaido_06_EW	0.513	10189.71	JP_2018_Hokkaido_06_EW	0.513	10189.71	PE_2011_24AGO_02_EW	4.000	111684.03
	12																		

	12	US_1992_Petrolia_Aftershock_03_90	0.510	21894.77	JP_2011_Tohoku_25_EW	0.609	39355.70	JP_2011_Tohoku_10_NS	0.518	92608.06	JP_2000_Tottori_02_NS	0.280	11162.66	JP_2000_Tottori_02_NS	0.280	11162.66	PE_2011_24AGO_03_EW	4.000	109215.18
	13	JP_2011_Miyagi_07_NS	0.502	24916.63	JP_2009_Shizuoca_01_EW	0.604	39464.92	JP_2011_Tohoku_23_EW	0.669	80597.81	JP_2011_Tohoku_18_EW	0.378	11586.30	JP_2011_Tohoku_18_EW	0.378	11586.30	PE_2011_24AGO_06_NS	4.000	107171.01
	14	JP_2021_Fukushima_09_EW	0.259	26474.47	JP_2011_Tohoku_25_NS	0.737	42113.06	JP_2011_Tohoku_50_EW	0.991	440520.13	JP_2016_Kumamoto_08_NS	0.370	11828.28	JP_2016_Kumamoto_08_NS	0.370	11828.28	PE_2015_24NOV_01_EW	4.000	128975.03
	15	JP_2003_Hokkaido_13_EW	0.593	27343.32	JP_2011_Tohoku_48_EW	0.596	43569.92	JP_2021_Fukushima_05_NS	2.125	980686.08	JP_2012_25AGO_EW	0.445	11833.04	JP_2012_25AGO_EW	0.445	11833.04	PE_2015_24NOV_01_NS	4.000	129077.41
	16	JP_2011_Tohoku_06_NS	0.416	27419.56	JP_2011_Tohoku_26_EW	0.557	45228.00	PE_1974_09NOV_01_EW	2.672	123925.84	JP_2011_Tohoku_25_EW	0.408	11851.54	JP_2011_Tohoku_25_EW	0.408	11851.54	PE_2015_24NOV_02_EW	4.000	129622.67
	17	JP_2018_Hokkaido_06_EW	0.707	28202.50	JP_2011_Tohoku_02_EW	0.451	46075.19	PE_2001_07JUL_02_EW	2.629	125145.17	US_2005_Anza_02_90	0.505	11912.19	US_2005_Anza_02_90	0.505	11912.19	PE_2015_24NOV_02_NS	4.000	129682.29
	18	JP_2004_06DIC_NS	0.886	31730.15	JP_2011_Tohoku_14_EW	0.305	46601.55	US_1989_LomaPrieta_05_195	2.752	311676.63	JP_2003_Hokkaido_01_EW	0.415	12610.49	JP_2003_Hokkaido_01_EW	0.415	12610.49	PE_2015_24NOV_03_NS	4.000	127415.58
	19	JP_2004_27OCT_03_EW	0.824	31792.74	JP_2018_Hokkaido_01_NS	0.480	46850.06	US_1992_Big Bear_270	0.930	215368.11	JP_2011_Miyagi_07_NS	0.378	12912.24	JP_2011_Miyagi_07_NS	0.378	12912.24	PE_2015_24NOV_04_NS	4.000	116725.82
	20	JP_2011_Tohoku_18_EW	0.546	35738.68	JP_2003_Hokkaido_09_EW	0.302	52681.89	US_1994_Northridge_02_360	1.169	136601.41	JP_2004_06DIC_NS	0.633	13251.77	JP_2004_06DIC_NS	0.633	13251.77	PE_2015_24NOV_05_EW	4.000	126781.27
RMS E	1	JP_2003_Hokkaido_12_NS	0.275	57.00	JP_2011_Miyagi_15_EW	0.563	132.72	CH_2010_Maule_04_Transv	0.475	264.30	JP_2003_Hokkaido_12_NS	0.250	47.52	JP_2003_Hokkaido_12_NS	0.250	47.52	CH_2010_Maule_03_Trans	0.363	235.35
	2	JP_1996_21DEC_EW	0.466	58.72	JP_2003_Hokkaido_09_NS	0.315	142.03	CH_2014_Iquique_02_EW	2.843	421.70	JP_1996_21DEC_EW	0.460	58.44	JP_1996_21DEC_EW	0.460	58.44	CH_2014_Iquique_02_EW	1.273	200.03
	3	JP_2011_Tohoku_06_EW	0.389	95.77	JP_2011_Miyagi_07_NS	0.502	157.85	CH_2016_GO07_EW	1.141	306.40	JP_2011_Tohoku_06_EW	0.325	67.29	JP_2011_Tohoku_06_EW	0.325	67.29	JP_1997_Kagoshima_EW	0.370	195.54
	4	JP_2011_Tohoku_60_NS	0.643	108.07	JP_2021_Fukushima_09_EW	0.259	162.71	JP_2003_Hokkaido_01_EW	0.535	147.72	JP_2011_Tohoku_60_EW	0.393	85.73	JP_2011_Tohoku_60_EW	0.393	85.73	JP_2011_Tohoku_45_NS	0.250	226.78
	5	JP_2001_Geiyō_03_EW	0.497	108.84	JP_2003_Hokkaido_13_EW	0.593	165.36	JP_2003_Hokkaido_01_NS	0.573	198.68	JP_2001_Geiyō_03_EW	0.423	87.81	JP_2001_Geiyō_03_EW	0.423	87.81	JP_2016_14APR_EW	0.468	169.50
	6	JP_2011_Tohoku_60_EW	0.479	113.69	JP_2011_Tohoku_06_NS	0.416	165.59	JP_2003_Hokkaido_03_NS	0.868	452.08	JP_2011_Tohoku_60_NS	0.558	93.02	JP_2011_Tohoku_60_NS	0.558	93.02	JP_2016_Kumamoto_04_EW	0.325	197.05
	7	JP_2016_Kumamoto_08_NS	0.436	124.82	JP_2018_Hokkaido_06_EW	0.707	167.94	JP_2003_Hokkaido_07_NS	0.969	267.30	JP_2011_Miyagi_15_EW	0.445	93.31	JP_2011_Miyagi_15_EW	0.445	93.31	PE_2007_PISCO_05_EW	4.000	318.11
	8	JP_2011_Miyagi_15_EW	0.563	132.72	JP_2004_27OCT_03_EW	0.824	178.31	JP_2003_Hokkaido_09_NS	0.315	142.03	JP_2003_Hokkaido_09_NS	0.250	97.37	JP_2003_Hokkaido_09_NS	0.250	97.37	PE_2007_PISCO_05_NS	4.000	313.04
	9	JP_2012_25AGO_EW	0.550	134.81	JP_2011_Tohoku_18_EW	0.546	189.05	JP_2003_Hokkaido_12_EW	1.207	479.57	JP_2011_Tohoku_06_NS	0.303	98.48	JP_2011_Tohoku_06_NS	0.303	98.48	PE_2011_24AGO_01_EW	4.000	333.11
	10	JP_2003_Hokkaido_09_NS	0.315	142.03	JP_2000_Tottori_02_NS	0.410	196.69	JP_2004_Chuetzu_03_NS	0.736	421.37	US_1992_Petrolia_Aftershock_03_90	0.385	99.96	US_1992_Petrolia_Aftershock_03_90	0.385	99.96	PE_2011_24AGO_01_NS	4.000	333.53
	11	JP_2003_Hokkaido_01_EW	0.535	147.72	JP_2018_Hokkaido_01_EW	0.552	198.26	JP_2009_Shizuoca_01_NS	0.739	316.72	JP_2018_Hokkaido_06_EW	0.513	100.94	JP_2018_Hokkaido_06_EW	0.513	100.94	PE_2011_24AGO_02_EW	4.000	334.19
	12	US_1992_Petrolia_Aftershock_03_90	0.510	147.97	JP_2011_Tohoku_25_EW	0.609	198.38	JP_2011_Tohoku_10_NS	0.518	304.32	JP_2000_Tottori_02_NS	0.280	105.65	JP_2000_Tottori_02_NS	0.280	105.65	PE_2011_24AGO_03_EW	4.000	330.48
	13	JP_2011_Miyagi_07_NS	0.502	157.85	JP_2009_Shizuoca_01_EW	0.604	198.66	JP_2011_Tohoku_23_EW	0.669	283.90	JP_2011_Tohoku_18_EW	0.378	107.64	JP_2011_Tohoku_18_EW	0.378	107.64	PE_2011_24AGO_06_NS	4.000	327.37
	14	JP_2021_Fukushima_09_EW	0.259	162.71	JP_2011_Tohoku_25_NS	0.737	205.21	JP_2011_Tohoku_50_EW	0.991	663.72	JP_2016_Kumamoto_08_NS	0.370	108.76	JP_2016_Kumamoto_08_NS	0.370	108.76	PE_2015_24NOV_01_EW	4.000	359.13
	15	JP_2003_Hokkaido_13_EW	0.593	165.36	JP_2011_Tohoku_48_EW	0.596	208.73	JP_2021_Fukushima_05_NS	2.125	990.30	JP_2012_25AGO_EW	0.445	108.78	JP_2012_25AGO_EW	0.445	108.78	PE_2015_24NOV_01_NS	4.000	359.27
	16	JP_2011_Tohoku_06_NS	0.416	165.59	JP_2011_Tohoku_26_EW	0.557	212.67	PE_1974_09NOV_01_EW	2.672	352.03	JP_2011_Tohoku_25_EW	0.408	108.86	JP_2011_Tohoku_25_EW	0.408	108.86	PE_2015_24NOV_02_EW	4.000	360.03
	17	JP_2018_Hokkaido_06_EW	0.707	167.94	JP_2011_Tohoku_02_EW	0.451	214.65	PE_2001_07JUL_02_EW	2.629	353.76	US_2005_Anza_02_90	0.505	109.14	US_2005_Anza_02_90	0.505	109.14	PE_2015_24NOV_02_NS	4.000	360.11
	18	JP_2004_06DIC_NS	0.886	178.13	JP_2011_Tohoku_14_EW	0.305	215.87	US_1989_LomaPrieta_05_195	2.752	558.28	JP_2003_Hokkaido_01_EW	0.415	112.30	JP_2003_Hokkaido_01_EW	0.415	112.30	PE_2015_24NOV_03_NS	4.000	356.95
	19	JP_2004_27OCT_03_EW	0.824	178.31	JP_2018_Hokkaido_01_NS	0.480	216.45	US_1992_Big Bear_270	0.930	464.08	JP_2011_Miyagi_07_NS	0.378	113.63	JP_2011_Miyagi_07_NS	0.378	113.63	PE_2015_24NOV_04_NS	4.000	341.65
	20	JP_2011_Tohoku_18_EW	0.546	189.05	JP_2003_Hokkaido_09_EW	0.302	229.53	US_1994_Northridge_02_360	1.169	369.60	JP_2004_06DIC_NS	0.633	115.12	JP_2004_06DIC_NS	0.633	115.12	PE_2015_24NOV_05_EW	4.000	356.06

REGISTROS SELECCIONADOS CASO Nmr T=0.24s - TSemc-tr-2475																			
Caso:		TSemc-tr-2475_NSp_Sbs			TSemc-tr-2475_NSp_Sci			TSemc-tr-2475_NSp_Ssr			TSemc-tr-2475_NSr_Sbs			TSemc-tr-2475_NSr_Sci			TSemc-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_1996_21DEC_EW	0.586	45.73	JP_2011_Miyagi_15_EW	0.709	133.07	CH_2014_Iquique_02_EW	3.581	464.80	JP_2003_Hokkaido_12_NS	0.303	45.24	JP_2003_Hokkaido_12_NS	0.303	45.24	JP_1997_Kagoshima_EW	0.348	174.23
	2	JP_2003_Hokkaido_12_NS	0.346	56.58	JP_2011_Miyagi_07_NS	0.633	145.23	CH_2016_GO07_EW	1.437	340.13	JP_1996_21DEC_EW	0.573	45.39	JP_1996_21DEC_EW	0.573	45.39	JP_2004_27OCT_03_NS	0.303	129.54
	3	JP_2011_Tohoku_02_NS	0.258	69.96	JP_2003_Hokkaido_09_NS	0.397	148.49	CH_2016_GO07_NS	1.286	374.47	JP_2011_Tohoku_06_EW	0.363	64.12	JP_2011_Tohoku_06_EW	0.363	64.12	JP_2011_Miyagi_13_EW	0.288	191.20
	4	JP_2001_Geiyō_03_EW	0.626	81.36	JP_2011_Tohoku_06_NS	0.524	160.47	JP_2000_Tottori_01_EW	1.121	565.57	JP_2011_Tohoku_02_NS	0.250	68.18	JP_2011_Tohoku_02_NS	0.250	68.18	JP_2011_Tohoku_03_NS	0.288	161.72

	5	JP_2012_25AGO_EW	0.693	93.59	JP_2021_Fukushima_09_EW	0.326	162.16	JP_2009_Shizuoca_01_EW	0.761	167.05	JP_2001_Geiyō_03_EW	0.565	71.75	JP_2001_Geiyō_03_EW	0.565	71.75	JP_2011_Tohoku_45_NS	0.250	188.82
	6	JP_2011_Tohoku_60_EW	0.604	94.58	JP_2009_Shizuoca_01_EW	0.761	167.05	JP_2011_Tohoku_03_NS	0.854	384.26	JP_2011_Tohoku_60_EW	0.430	75.47	JP_2011_Tohoku_60_EW	0.430	75.47	JP_2016_14APR_NS	0.498	131.40
	7	JP_2011_Tohoku_06_EW	0.490	98.91	JP_2011_Tohoku_25_NS	0.928	168.66	JP_2011_Tohoku_10_NS	0.652	355.21	JP_2011_Tohoku_25_EW	0.438	78.57	JP_2011_Tohoku_25_EW	0.438	78.57	PE_2007_PISCO_05_EW	4.000	252.10
	8	JP_2011_Tohoku_60_NS	0.810	99.21	JP_2003_Hokkaido_13_EW	0.747	175.84	JP_2011_Tohoku_13_EW	1.028	450.67	US_1992_Petrolia_Aftershock_03_90	0.460	80.73	US_1992_Petrolia_Aftershock_03_90	0.460	80.73	PE_2007_PISCO_05_NS	4.000	243.99
	9	JP_2016_Kumamoto_08_NS	0.549	103.52	JP_2018_Hokkaido_06_EW	0.890	176.54	JP_2011_Tohoku_23_EW	0.843	283.08	JP_2012_25AGO_EW	0.580	81.13	JP_2012_25AGO_EW	0.580	81.13	PE_2010_05MAY_02_EW	1.273	171.26
	10	US_1992_Petrolia_Aftershock_03_90	0.642	107.48	JP_2011_Tohoku_25_EW	0.767	183.89	JP_2011_Tohoku_39_EW	0.644	506.09	US_2005_Anza_02_90	0.528	81.64	US_2005_Anza_02_90	0.528	81.64	PE_2011_24AGO_01_EW	4.000	263.29
	11	JP_2011_Miyagi_15_EW	0.709	133.07	JP_2018_Hokkaido_01_NS	0.605	187.13	JP_2011_Tohoku_45_EW	0.935	419.37	JP_2011_Miyagi_15_EW	0.543	84.36	JP_2011_Miyagi_15_EW	0.543	84.36	PE_2011_24AGO_01_NS	4.000	263.70
	12	JP_2003_Hokkaido_01_EW	0.674	143.97	JP_2004_27OCT_03_EW	1.038	192.57	JP_2011_Tohoku_48_EW	0.750	217.82	JP_2004_29NOV_03_NS	0.325	84.46	JP_2004_29NOV_03_NS	0.325	84.46	PE_2011_24AGO_02_EW	4.000	261.37
	13	JP_2011_Miyagi_07_NS	0.633	145.23	JP_2011_Tohoku_02_EW	0.569	197.37	JP_2021_Fukushima_05_EW	1.437	497.18	JP_2009_Shizuoca_01_EW	0.423	85.34	JP_2009_Shizuoca_01_EW	0.423	85.34	PE_2011_24AGO_07_EW	4.000	257.84
	14	JP_2012_25AGO_NS	1.016	146.31	JP_2018_Hokkaido_01_EW	0.696	198.12	JP_2021_Fukushima_07_NS	1.072	445.94	JP_2011_Tohoku_60_NS	0.700	85.38	JP_2011_Tohoku_60_NS	0.700	85.38	PE_2011_24AGO_07_NS	4.000	257.77
	15	JP_2003_Hokkaido_09_NS	0.397	148.49	JP_2011_Tohoku_18_EW	0.688	199.46	PE_1974_09NOV_01_EW	3.365	386.95	JP_2011_Tohoku_06_NS	0.333	86.75	JP_2011_Tohoku_06_NS	0.333	86.75	PE_2015_24NOV_01_EW	4.000	289.63
	16	JP_2011_16APR_01_EW	1.770	152.54	JP_2000_Tottori_02_NS	0.517	207.89	PE_2001_07JUL_02_EW	3.311	392.02	JP_2011_Tohoku_25_NS	0.550	88.64	JP_2011_Tohoku_25_NS	0.550	88.64	PE_2015_24NOV_02_EW	4.000	290.27
	17	JP_2011_Tohoku_57_NS	0.731	153.25	JP_2011_Tohoku_14_EW	0.384	209.75	TW_1999_ChiChi_09_360	0.611	284.66	JP_2003_Hokkaido_09_NS	0.295	92.65	JP_2003_Hokkaido_09_NS	0.295	92.65	PE_2015_24NOV_02_NS	4.000	290.40
	18	JP_2011_Tohoku_06_NS	0.524	160.47	JP_2003_Hokkaido_09_EW	0.381	215.07	US_1986_North Palm Springs_90	1.995	538.12	JP_2011_Tohoku_57_NS	0.460	92.88	JP_2011_Tohoku_57_NS	0.460	92.88	PE_2015_24NOV_04_NS	4.000	271.04
	19	JP_2016_Kumamoto_08_EW	0.687	160.89	JP_2011_Tohoku_14_NS	0.285	216.98	US_1992_Big Bear_360	0.885	347.72	JP_2021_Fukushima_09_EW	0.250	93.14	JP_2021_Fukushima_09_EW	0.250	93.14	PE_2015_24NOV_05_EW	4.000	286.62
	20	JP_2021_Fukushima_09_EW	0.326	162.16	JP_2011_Tohoku_48_EW	0.750	217.82	US_1994_Northridge_03_90	0.651	389.01	JP_2000_Tottori_02_NS	0.265	93.55	JP_2000_Tottori_02_NS	0.265	93.55	TW_1999_ChiChi_06_360	0.265	238.52
MAP E	1	JP_2011_Tohoku_57_NS	0.731	176.98	JP_2009_Shizuoca_01_EW	0.761	326.39	CH_2014_Iquique_02_EW	3.581	2591.44	US_2005_Anza_02_360	0.250	60.60	US_2005_Anza_02_360	0.250	60.60	CH_1995_Antofagasta_Transv	0.250	87.23
	2	JP_1996_21DEC_EW	0.586	180.32	JP_2021_Fukushima_06_NS	0.975	361.54	CH_2016_GO07_EW	1.437	1817.36	JP_2011_Fukushima_01_EW	0.280	62.68	JP_2011_Fukushima_01_EW	0.280	62.68	CH_2012_GO05_EW	0.250	191.02
	3	JP_2001_Geiyō_03_EW	0.626	180.83	JP_2011_Miyagi_09_EW	1.100	394.00	CH_2016_GO07_NS	1.286	1477.86	US_1987_WhittierNarrows_02_0	0.250	63.87	US_1987_WhittierNarrows_02_0	0.250	63.87	CH_2012_GO05_NS	0.250	110.64
	4	JP_2012_25AGO_EW	0.693	185.17	JP_2013_25FEB_NS	0.354	399.75	JP_2000_Tottori_01_EW	1.121	1623.12	JP_2001_Geiyō_02_NS	0.250	65.31	JP_2001_Geiyō_02_NS	0.250	65.31	JP_2004_ChuetzuAftershock_02_NS	0.250	156.01
	5	US_1992_Petrolia_Aftershock_03_90	0.642	229.94	JP_2011_Miyagi_15_EW	0.709	412.99	JP_2009_Shizuoca_01_EW	0.761	326.39	US_2005_Anza_02_90	0.258	65.81	US_2005_Anza_02_90	0.258	65.81	PE_2001_07JUL_01_EW	0.250	189.54
	6	US_2005_Anza_02_90	0.926	238.76	JP_2011_Tohoku_06_NS	0.524	432.08	JP_2011_Tohoku_03_NS	0.854	1144.47	JP_2011_19MAR_01_NS	0.250	66.12	JP_2011_19MAR_01_NS	0.250	66.12	PE_2005_13JUN_03_NS	0.468	74.49
	7	JP_2011_Tohoku_57_EW	1.182	257.98	US_2005_Anza_02_360	1.491	443.48	JP_2011_Tohoku_10_NS	0.652	1398.93	PE_2005_13JUN_03_EW	0.393	71.55	PE_2005_13JUN_03_EW	0.393	71.55	PE_2005_13JUN_07_EW	0.250	91.96
	8	JP_2011_Tohoku_60_EW	0.604	265.47	JP_2003_Miyagi_01_NS	0.728	446.15	JP_2011_Tohoku_13_EW	1.028	1388.96	PE_1974_05ENE_01_NS	0.438	71.69	PE_1974_05ENE_01_NS	0.438	71.69	PE_2005_25SET_02_EW	0.250	249.73
	9	JP_2011_Fukushima_01_EW	1.505	286.50	JP_2011_Fukushima_01_NS	1.971	448.55	JP_2011_Tohoku_23_EW	0.843	1783.15	JP_2011_19MAR_01_EW	0.250	73.89	JP_2011_19MAR_01_EW	0.250	73.89	PE_2007_PISCO_03_NS	0.250	115.49
	10	JP_2011_Miyagi_10_EW	0.765	305.04	JP_2008_Iwate_02_EW	0.282	454.28	JP_2011_Tohoku_39_EW	0.644	892.11	JP_2011_Miyagi_10_EW	0.250	74.03	JP_2011_Miyagi_10_EW	0.250	74.03	PE_2007_PISCO_04_NS	0.250	115.49
	11	JP_2011_19MAR_01_NS	1.067	316.12	JP_2003_Hokkaido_09_NS	0.397	459.71	JP_2011_Tohoku_45_EW	0.935	1626.17	PE_2005_13JUN_03_NS	0.468	74.49	PE_2005_13JUN_03_NS	0.468	74.49	PE_2007_PISCO_05_EW	0.250	92.63
	12	JP_2009_Shizuoca_01_EW	0.761	326.39	JP_2011_Tohoku_25_NS	0.928	474.43	JP_2011_Tohoku_48_EW	0.750	662.45	PE_2005_13JUN_05_NS	0.250	74.57	JP_2011_Tohoku_57_EW	0.273	75.81	PE_2007_PISCO_05_NS	0.250	96.36
	13	JP_2001_Geiyō_01_EW	0.709	339.62	JP_2009_Shizuoca_01_NS	0.931	487.49	JP_2021_Fukushima_05_EW	1.437	1654.56	PE_2015_24NOV_04_NS	4.000	75.01	JP_2011_Fukushima_01_NS	0.250	76.14	PE_2010_05MAY_02_EW	0.250	134.32
	14	JP_2001_Geiyō_02_NS	1.331	361.24	JP_2018_Hokkaido_01_NS	0.605	500.84	JP_2021_Fukushima_07_NS	1.072	846.96	JP_2011_Tohoku_57_EW	0.273	75.81	MX_1985_Guerrero_N90W	0.250	76.17	PE_2011_24AGO_01_EW	0.250	93.63
	15	JP_2021_Fukushima_06_NS	0.975	361.54	JP_2011_Tohoku_25_EW	0.767	506.99	PE_1974_09NOV_01_EW	3.365	1597.69	JP_2011_Fukushima_01_NS	0.250	76.14	JP_2021_Fukushima_06_NS	0.250	76.30	PE_2011_24AGO_02_EW	0.303	89.50
	16	JP_2001_Geiyō_03_NS	0.877	368.29	JP_2011_16APR_02_EW	1.218	511.79	PE_2001_07JUL_02_EW	3.311	2257.23	MX_1985_Guerrero_N90W	0.250	76.17	US_1991_SierraMadre_90	0.250	76.47	PE_2011_24AGO_04_NS	1.303	80.03
	17	JP_2011_Tohoku_61_EW	1.111	371.78	JP_2011_16APR_02_NS	0.742	518.65	TW_1999_ChiChi_09_360	0.611	829.25	JP_2021_Fukushima_06_NS	0.250	76.30	JP_2011_Tohoku_57_NS	0.250	76.83	PE_2015_24NOV_02_EW	4.000	97.86
	18	JP_2021_Miyagi_02_EW	1.358	374.66	JP_2003_Miyagi_02_NS	1.309	530.43	US_1986_North Palm Springs_90	1.995	1686.52	US_1991_SierraMadre_90	0.250	76.47	MX_1985_Guerrero_N00W	0.250	78.68	PE_2015_24NOV_02_NS	4.000	98.18
	19	JP_2021_Fukushima_09_NS	0.280	387.48	JP_2003_Miyagi_02_EW	1.179	543.24	US_1992_Big Bear_360	0.885	626.77	JP_2011_Tohoku_57_NS	0.250	76.83	JP_2001_Geiyō_03_EW	0.250	79.73	PE_2015_24NOV_05_EW	4.000	95.83
	20	JP_2011_Tohoku_02_NS	0.258	390.69	JP_2003_Hokkaido_09_EW	0.381	548.29	US_1994_Northridge_03_90	0.651	2417.40	MX_1985_Guerrero_N00W	0.250	78.68	PE_2011_24AGO_04_NS	1.303	80.03	US_1991_SierraMadre_90	0.250	76.47
MSE	1	JP_1996_21DEC_EW	0.586	5555.30	JP_2011_Miyagi_15_EW	0.709	30796.30	CH_2014_Iquique_02_EW	3.581	292528.75	JP_2003_Hokkaido_12_NS	0.310	3719.23	JP_2003_Hokkaido_12_NS	0.310	3719.23	CH_2014_Iquique_02_EW	1.545	63910.58
	2	JP_2003_Hokkaido_12_NS	0.346	6051.17	JP_2003_Hokkaido_09_NS	0.397	35141.50	CH_2016_GO07_EW	1.437	154973.88	JP_1996_21DEC_EW	0.565	5305.89	JP_1996_21DEC_EW	0.565	5305.89	JP_2011_Tohoku_04_EW	0.333	99304.93
	3	JP_2011_Tohoku_02_NS	0.258	10334.82	JP_2011_Miyagi_07_NS	0.633	43039.42	CH_2016_GO07_NS	1.286	196257.94	JP_2011_Tohoku_06_EW	0.400	7893.63	JP_2011_Tohoku_06_EW	0.400	7893.63	JP_2011_Tohoku_13_NS	0.333	76330.04

	4	JP_2011_Tohoku_06_EW	0.49 0	16924.1 3	JP_2021_Fukushima_09_EW	0.32 6	46252.1 2	JP_2000_Tottori_01_EW	1.12 1	451728.8 5	JP_2011_Tohoku_02_NS	0.25 0	9313.18	JP_2011_Tohoku_02_NS	0.25 0	9313.18	JP_2011_Tohoku_17_EW	0.31 0	83809.03
	5	JP_2011_Tohoku_60_NS	0.81 0	20308.4 5	JP_2003_Hokkaido_13_EW	0.74 7	46934.1 9	JP_2009_Shizuoca_01_EW	0.76 1	67258.12	JP_2011_Tohoku_60_EW	0.49 0	12186.1 2	JP_2011_Tohoku_60_EW	0.49 0	12186.1 2	JP_2011_Tohoku_28_EW	0.46 8	56679.41
	6	JP_2001_Geiyō_03_EW	0.62 6	21023.0 9	JP_2011_Tohoku_06_NS	0.52 4	47951.7 1	JP_2011_Tohoku_03_NS	0.85 4	276286.3 3	JP_2001_Geiyō_03_EW	0.52 0	12869.2 8	JP_2001_Geiyō_03_EW	0.52 0	12869.2 8	JP_2011_Tohoku_45_EW	0.43 8	57534.34
	7	JP_2011_Tohoku_60_EW	0.60 4	22832.2 1	JP_2018_Hokkaido_06_EW	0.89 0	49055.9 0	JP_2011_Tohoku_10_NS	0.65 2	154450.9 7	JP_2011_Tohoku_60_NS	0.68 5	14167.4 7	JP_2011_Tohoku_60_NS	0.68 5	14167.4 7	JP_2018_Hokkaido_04_NS	0.25 0	84842.61
	8	JP_2016_Kumamoto_08_NS	0.54 9	26129.9 9	JP_2004_27OCT_03_EW	1.03 8	55111.8 6	JP_2011_Tohoku_13_EW	1.02 8	294250.7 6	JP_2011_Miyagi_15_EW	0.55 0	14390.5 1	JP_2011_Miyagi_15_EW	0.55 0	14390.5 1	PE_2007_PISCO_05_EW	4.00 0	162917.6 0
	9	JP_2011_Miyagi_15_EW	0.70 9	30796.3 0	JP_2011_Tohoku_18_EW	0.68 8	61603.6 8	JP_2011_Tohoku_23_EW	0.84 3	132556.6 8	JP_2003_Hokkaido_09_NS	0.30 3	15515.0 7	JP_2003_Hokkaido_09_NS	0.30 3	15515.0 7	PE_2007_PISCO_05_NS	4.00 0	158488.5 1
	10	JP_2012_25AGO_EW	0.69 3	31165.4 6	JP_2000_Tottori_02_NS	0.51 7	66786.8 8	JP_2011_Tohoku_39_EW	0.64 4	442441.0 6	JP_2021_Fukushima_09_EW	0.25 0	16382.5 5	JP_2021_Fukushima_09_EW	0.25 0	16382.5 5	PE_2011_24AGO_01_EW	4.00 0	175396.9 6
	11	JP_2003_Hokkaido_09_NS	0.39 7	35141.5 0	JP_2018_Hokkaido_01_EW	0.69 6	66816.7 4	JP_2011_Tohoku_45_EW	0.93 5	240759.9 2	JP_2011_Tohoku_06_NS	0.37 0	16438.5 5	JP_2011_Tohoku_06_NS	0.37 0	16438.5 5	PE_2011_24AGO_01_NS	4.00 0	175739.9 1
	12	JP_2003_Hokkaido_01_EW	0.67 4	37295.0 9	JP_2009_Shizuoca_01_EW	0.76 1	67258.1 2	JP_2011_Tohoku_48_EW	0.75 0	74094.01	US_1992_Petrolia_Aftershock_03_90	0.47 5	16556.3 3	US_1992_Petrolia_Aftershock_03_90	0.47 5	16556.3 3	PE_2011_24AGO_02_EW	4.00 0	176306.5 1
	13	US_1992_Petrolia_Aftershock_03_90	0.64 2	38122.9 1	JP_2011_Tohoku_25_EW	0.76 7	67692.2 9	JP_2021_Fukushima_05_EW	1.43 7	409015.8 4	JP_2018_Hokkaido_06_EW	0.62 5	17098.8 9	JP_2018_Hokkaido_06_EW	0.62 5	17098.8 9	PE_2011_24AGO_07_EW	4.00 0	173555.8 1
	14	JP_2011_Miyagi_07_NS	0.63 3	43039.4 2	JP_2011_Tohoku_25_NS	0.92 8	71618.9 0	JP_2021_Fukushima_07_NS	1.07 2	339273.5 0	JP_2016_Kumamoto_08_NS	0.46 0	18776.0 5	JP_2016_Kumamoto_08_NS	0.46 0	18776.0 5	PE_2011_24AGO_07_NS	4.00 0	174665.7 4
	15	JP_2021_Fukushima_09_EW	0.32 6	46252.1 2	JP_2011_Tohoku_48_EW	0.75 0	74094.0 1	PE_1974_09NOV_01_EW	3.36 5	204599.4 0	JP_2000_Tottori_02_NS	0.34 0	18828.5 0	JP_2000_Tottori_02_NS	0.34 0	18828.5 0	PE_2015_24NOV_01_EW	4.00 0	197680.2 7
	16	JP_2003_Hokkaido_13_EW	0.74 7	46934.1 9	JP_2011_Tohoku_26_EW	0.70 2	76624.1 2	PE_2001_07JUL_02_EW	3.31 1	206598.9 0	JP_2012_25AGO_EW	0.55 0	19184.3 0	JP_2012_25AGO_EW	0.55 0	19184.3 0	PE_2015_24NOV_02_EW	4.00 0	198481.5 6
	17	JP_2011_Tohoku_06_NS	0.52 4	47951.7 1	JP_2011_Tohoku_02_EW	0.56 9	78264.2 4	TW_1999_ChiChi_09_360	0.61 1	144351.4 7	JP_2011_Tohoku_18_EW	0.46 0	19363.1 6	JP_2011_Tohoku_18_EW	0.46 0	19363.1 6	PE_2015_24NOV_02_NS	4.00 0	198552.9 0
	18	JP_2018_Hokkaido_06_EW	0.89 0	49055.9 0	JP_2018_Hokkaido_01_NS	0.60 5	78482.1 9	US_1986_North Palm Springs_90	1.99 5	415445.9 3	JP_2011_Tohoku_25_EW	0.50 5	19818.3 9	JP_2011_Tohoku_25_EW	0.50 5	19818.3 9	PE_2015_24NOV_04_NS	4.00 0	182556.6 1
	19	JP_2004_06DIC_NS	1.11 6	54515.2 2	JP_2011_Tohoku_14_EW	0.38 4	79411.3 9	US_1992_Big Bear_360	0.88 5	228573.5 7	US_2005_Anza_02_90	0.61 8	20095.0 8	US_2005_Anza_02_90	0.61 8	20095.0 8	PE_2015_24NOV_05_EW	4.00 0	195000.5 5
	20	JP_2004_27OCT_03_EW	1.03 8	55111.8 6	JP_2011_Tohoku_14_NS	0.28 5	82146.2 9	US_1994_Northridge_03_90	0.65 1	216470.8 2	JP_2003_Hokkaido_01_EW	0.51 3	20382.9 4	JP_2003_Hokkaido_01_EW	0.51 3	20382.9 4	US_1989_Loma Prieta_05_195	1.18 2	85679.44
RMS E	1	JP_1996_21DEC_EW	0.58 6	74.53	JP_2011_Miyagi_15_EW	0.70 9	175.49	CH_2014_Iquique_02_EW	3.58 1	540.86	JP_2003_Hokkaido_12_NS	0.31 0	60.99	JP_2003_Hokkaido_12_NS	0.31 0	60.99	CH_2014_Iquique_02_EW	1.54 5	252.81
	2	JP_2003_Hokkaido_12_NS	0.34 6	77.79	JP_2003_Hokkaido_09_NS	0.39 7	187.46	CH_2016_GO07_EW	1.43 7	393.67	JP_1996_21DEC_EW	0.56 5	72.84	JP_1996_21DEC_EW	0.56 5	72.84	JP_2011_Tohoku_04_EW	0.33 3	315.13
	3	JP_2011_Tohoku_02_NS	0.25 8	101.66	JP_2011_Miyagi_07_NS	0.63 3	207.46	CH_2016_GO07_NS	1.28 6	443.01	JP_2011_Tohoku_06_EW	0.40 0	88.85	JP_2011_Tohoku_06_EW	0.40 0	88.85	JP_2011_Tohoku_13_NS	0.33 3	276.28
	4	JP_2011_Tohoku_06_EW	0.49 0	130.09	JP_2021_Fukushima_09_EW	0.32 6	215.06	JP_2000_Tottori_01_EW	1.12 1	672.11	JP_2011_Tohoku_02_NS	0.25 0	96.50	JP_2011_Tohoku_02_NS	0.25 0	96.50	JP_2011_Tohoku_17_EW	0.31 0	289.50
	5	JP_2011_Tohoku_60_NS	0.81 0	142.51	JP_2003_Hokkaido_13_EW	0.74 7	216.64	JP_2009_Shizuoca_01_EW	0.76 1	259.34	JP_2011_Tohoku_60_EW	0.49 0	110.39	JP_2011_Tohoku_60_EW	0.49 0	110.39	JP_2011_Tohoku_28_EW	0.46 8	238.07
	6	JP_2001_Geiyō_03_EW	0.62 6	144.99	JP_2011_Tohoku_06_NS	0.52 4	218.98	JP_2011_Tohoku_03_NS	0.85 4	525.63	JP_2001_Geiyō_03_EW	0.52 0	113.44	JP_2001_Geiyō_03_EW	0.52 0	113.44	JP_2011_Tohoku_45_EW	0.43 8	239.86
	7	JP_2011_Tohoku_60_EW	0.60 4	151.10	JP_2018_Hokkaido_06_EW	0.89 0	221.49	JP_2011_Tohoku_10_NS	0.65 2	393.00	JP_2011_Tohoku_60_NS	0.68 5	119.03	JP_2011_Tohoku_60_NS	0.68 5	119.03	JP_2018_Hokkaido_04_NS	0.25 0	291.28
	8	JP_2016_Kumamoto_08_NS	0.54 9	161.65	JP_2004_27OCT_03_EW	1.03 8	234.76	JP_2011_Tohoku_13_EW	1.02 8	542.45	JP_2011_Miyagi_15_EW	0.55 0	119.96	JP_2011_Miyagi_15_EW	0.55 0	119.96	PE_2007_PISCO_05_EW	4.00 0	403.63
	9	JP_2011_Miyagi_15_EW	0.70 9	175.49	JP_2011_Tohoku_18_EW	0.68 8	248.20	JP_2011_Tohoku_23_EW	0.84 3	364.08	JP_2003_Hokkaido_09_NS	0.30 3	124.56	JP_2003_Hokkaido_09_NS	0.30 3	124.56	PE_2007_PISCO_05_NS	4.00 0	398.11
	10	JP_2012_25AGO_EW	0.69 3	176.54	JP_2000_Tottori_02_NS	0.51 7	258.43	JP_2011_Tohoku_39_EW	0.64 4	665.16	JP_2021_Fukushima_09_EW	0.25 0	127.99	JP_2021_Fukushima_09_EW	0.25 0	127.99	PE_2011_24AGO_01_EW	4.00 0	418.80
	11	JP_2003_Hokkaido_09_NS	0.39 7	187.46	JP_2018_Hokkaido_01_EW	0.69 6	258.49	JP_2011_Tohoku_45_EW	0.93 5	490.67	JP_2011_Tohoku_06_NS	0.37 0	128.21	JP_2011_Tohoku_06_NS	0.37 0	128.21	PE_2011_24AGO_01_NS	4.00 0	419.21
	12	JP_2003_Hokkaido_01_EW	0.67 4	193.12	JP_2009_Shizuoca_01_EW	0.76 1	259.34	JP_2011_Tohoku_48_EW	0.75 0	272.20	US_1992_Petrolia_Aftershock_03_90	0.47 5	128.67	US_1992_Petrolia_Aftershock_03_90	0.47 5	128.67	PE_2011_24AGO_02_EW	4.00 0	419.89
	13	US_1992_Petrolia_Aftershock_03_90	0.64 2	195.25	JP_2011_Tohoku_25_EW	0.76 7	260.18	JP_2021_Fukushima_05_EW	1.43 7	639.54	JP_2018_Hokkaido_06_EW	0.62 5	130.76	JP_2018_Hokkaido_06_EW	0.62 5	130.76	PE_2011_24AGO_07_EW	4.00 0	416.60
	14	JP_2011_Miyagi_07_NS	0.63 3	207.46	JP_2011_Tohoku_25_NS	0.92 8	267.62	JP_2021_Fukushima_07_NS	1.07 2	582.47	JP_2016_Kumamoto_08_NS	0.46 0	137.03	JP_2016_Kumamoto_08_NS	0.46 0	137.03	PE_2011_24AGO_07_NS	4.00 0	417.93
	15	JP_2021_Fukushima_09_EW	0.32 6	215.06	JP_2011_Tohoku_48_EW	0.75 0	272.20	PE_1974_09NOV_01_EW	3.36 5	452.33	JP_2000_Tottori_02_NS	0.34 0	137.22	JP_2000_Tottori_02_NS	0.34 0	137.22	PE_2015_24NOV_01_EW	4.00 0	444.61
	16	JP_2003_Hokkaido_13_EW	0.74 7	216.64	JP_2011_Tohoku_26_EW	0.70 2	276.81	PE_2001_07JUL_02_EW	3.31 1	454.53	JP_2012_25AGO_EW	0.55 0	138.51	JP_2012_25AGO_EW	0.55 0	138.51	PE_2015_24NOV_02_EW	4.00 0	445.51
	17	JP_2011_Tohoku_06_NS	0.52 4	218.98	JP_2011_Tohoku_02_EW	0.56 9	279.76	TW_1999_ChiChi_09_360	0.61 1	379.94	JP_2011_Tohoku_18_EW	0.46 0	139.15	JP_2011_Tohoku_18_EW	0.46 0	139.15	PE_2015_24NOV_02_NS	4.00 0	445.59
	18	JP_2018_Hokkaido_06_EW	0.89 0	221.49	JP_2018_Hokkaido_01_NS	0.60 5	280.15	US_1986_North Palm Springs_90	1.99 5	644.55	JP_2011_Tohoku_25_EW	0.50 5	140.78	JP_2011_Tohoku_25_EW	0.50 5	140.78	PE_2015_24NOV_04_NS	4.00 0	427.27
	19	JP_2004_06DIC_NS	1.11 6	233.48	JP_2011_Tohoku_14_EW	0.38 4	281.80	US_1992_Big Bear_360	0.88 5	478.09	US_2005_Anza_02_90	0.61 8	141.76	US_2005_Anza_02_90	0.61 8	141.76	PE_2015_24NOV_05_EW	4.00 0	441.59
	20	JP_2004_27OCT_03_EW	1.03 8	234.76	JP_2011_Tohoku_14_NS	0.28 5	286.61	US_1994_Northridge_03_90	0.65 1	465.26	JP_2003_Hokkaido_01_EW	0.51 3	142.77	JP_2003_Hokkaido_01_EW	0.51 3	142.77	US_1989_Loma Prieta_05_195	1.18 2	292.71

REGISTROS SELECCIONADOS CASO Nmr T=0.24s - TSepu-tr-475																			
Caso:		TSepu-tr-475_NSp_Sbs			TSepu-tr-475_NSp_Sci			TSepu-tr-475_NSp_Ssr			TSepu-tr-475_NSr_Sbs			TSepu-tr-475_NSr_Sci			TSepu-tr-475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetstu_07_EW	0.646	62.39	JP_2004_Chuetstu_07_EW	0.646	62.39	CH_2016_GO07_EW	0.909	151.94	PE_1974_03OCT_EW	1.848	60.22	PE_1974_03OCT_EW	1.848	60.22	CH_1995_Antofagasta_Transv	4.000	240.16
	2	JP_2004_Chuetstu_05_EW	0.436	67.88	PE_1974_03OCT_EW	1.670	72.84	CH_2016_GO07_NS	0.814	122.86	JP_2004_Chuetstu_05_EW	0.460	61.51	JP_2004_Chuetstu_05_EW	0.460	61.51	CH_2010_Maule_02_Transv	0.295	158.23
	3	PE_1974_03OCT_EW	1.670	72.84	CH_2010_Maule_04_Long	0.781	80.30	JP_1997_Kagoshima_EW	0.612	117.20	JP_2004_Chuetstu_07_EW	0.648	62.44	JP_2004_Chuetstu_07_EW	0.648	62.44	JP_2004_Chuetstu_03_NS	0.588	187.60
	4	CH_2010_Maule_04_Long	0.781	80.30	JP_2004_Chuetstu_07_NS	0.824	83.78	JP_2000_Tottori_01_EW	0.710	127.06	PE_2010_05MAY_01_EW	3.788	64.13	PE_2010_05MAY_01_EW	3.788	64.13	JP_2011_Tohoku_20_NS	1.970	187.36
	5	JP_2004_Chuetstu_07_NS	0.824	83.78	PE_2010_05MAY_01_EW	3.302	83.92	JP_2003_Hokkaido_07_NS	0.773	174.18	JP_2003_Hokkaido_06_NS	0.880	72.91	JP_2003_Hokkaido_06_NS	0.880	72.91	JP_2011_Tohoku_29_NS	0.385	258.16
	6	PE_2010_05MAY_01_EW	3.302	83.92	JP_2011_Tohoku_55_EW	0.839	84.65	JP_2004_Chuetstu_03_NS	0.587	187.56	JP_2011_Tohoku_55_EW	0.940	74.36	JP_2011_Tohoku_55_EW	0.940	74.36	JP_2011_Tohoku_47_NS	1.030	241.83
	7	JP_2011_Tohoku_55_EW	0.839	84.65	JP_2003_Hokkaido_06_NS	0.787	87.51	JP_2011_Tohoku_20_NS	1.952	187.60	CH_2016_GO07_NS	1.030	78.28	CH_2016_GO07_NS	1.030	78.28	JP_2018_Hokkaido_02_EW	0.670	113.33
	8	JP_2003_Hokkaido_06_NS	0.787	87.51	JP_2009_Shizuoca_02_EW	0.971	95.00	JP_2011_Tohoku_23_EW	0.533	188.39	PE_2005_25SET_02_EW	3.061	78.69	PE_2005_25SET_02_EW	3.061	78.69	JP_2018_Hokkaido_03_EW	0.475	160.94
	9	JP_2011_Miyagi_17_NS	0.504	89.13	US_1986_North Palm Springs_0	0.967	96.78	JP_2011_Tohoku_26_EW	0.444	210.28	JP_2011_Tohoku_50_NS	0.648	79.54	JP_2011_Tohoku_50_NS	0.648	79.54	JP_2021_Fukushima_07_EW	0.783	192.44
	10	CH_2014_Iquique_02_EW	2.266	92.99	JP_2016_Kumamoto_05_EW	1.241	98.26	JP_2011_Tohoku_35_EW	0.394	162.83	US_1994_Northridge_01_90	1.333	79.69	US_1994_Northridge_01_90	1.333	79.69	PE_2001_07JUL_02_EW	2.333	105.76
	11	JP_2009_Shizuoca_02_EW	0.971	95.00	US_1994_Northridge_02_90	0.890	99.20	JP_2011_Tohoku_45_EW	0.592	121.41	CH_2010_Maule_04_Long	0.783	80.26	CH_2010_Maule_04_Long	0.783	80.26	PE_2007_PISCO_05_NS	4.000	470.05
	12	US_1986_North Palm Springs_0	0.967	96.78	CH_2010_Maule_03_Trans	0.873	99.99	JP_2011_Tohoku_60_NS	0.512	303.92	TW_1999_ChiChi_10_90	0.490	80.38	TW_1999_ChiChi_10_90	0.490	80.38	PE_2011_24AGO_01_EW	4.000	508.88
	13	JP_2011_Tohoku_10_EW	0.498	96.89	TW_1999_ChiChi_08_360	0.876	99.99	JP_2016_14APR_EW	0.603	235.19	US_1989_Loma Prieta_06_0	0.963	80.87	US_1989_Loma Prieta_06_0	0.963	80.87	PE_2011_24AGO_07_EW	4.000	495.42
	14	JP_2016_Kumamoto_05_EW	1.241	98.26	TW_1999_ChiChi_08_90	0.699	102.82	JP_2016_Kumamoto_06_E W	0.714	119.67	JP_2004_Chuetstu_07_NS	0.798	83.74	JP_2004_Chuetstu_07_NS	0.798	83.74	PE_2011_24AGO_07_NS	4.000	497.29
	15	US_1994_Northridge_02_90	0.890	99.20	US_1989_Loma Prieta_05_195	2.194	103.89	JP_2018_Hokkaido_06_EW	0.563	249.12	JP_2011_Tohoku_10_EW	0.438	84.16	JP_2011_Tohoku_10_EW	0.438	84.16	PE_2015_24NOV_01_EW	4.000	536.51
	16	CH_2010_Maule_03_Trans	0.873	99.99	PE_1974_09NOV_01_NS	3.525	104.35	PE_1974_09NOV_01_EW	2.130	131.21	JP_2011_Tohoku_10_NS	0.543	84.35	JP_2011_Tohoku_10_NS	0.543	84.35	PE_2015_24NOV_02_NS	4.000	537.28
	17	TW_1999_ChiChi_08_360	0.876	99.99	JP_2011_Tohoku_44_NS	0.387	104.98	TW_1999_ChiChi_08_90	0.699	102.82	CH_2014_Iquique_02_EW	2.606	85.15	CH_2014_Iquique_02_EW	2.606	85.15	PE_2015_24NOV_05_NS	4.000	533.96
	18	TW_1999_ChiChi_08_90	0.699	102.82	US_1989_Loma Prieta_06_0	1.084	105.91	US_1989_Loma Prieta_04_0	0.520	131.94	CH_2010_Maule_03_Trans	0.768	85.54	CH_2010_Maule_03_Trans	0.768	85.54	US_1987_WhittierNarrows_02_0	0.858	252.57
	19	US_1989_Loma Prieta_06_90	1.207	103.65	JP_2011_Tohoku_19_EW	0.822	106.59	US_1994_Northridge_01_90	1.042	137.12	JP_2011_Miyagi_17_NS	0.520	87.59	JP_2011_Miyagi_17_NS	0.520	87.59	US_1989_Loma Prieta_04_0	0.520	131.97
	20	US_1989_Loma Prieta_05_195	2.194	103.89	US_1989_Loma Prieta_03_90	0.974	106.78	US_1994_Northridge_02_360	0.932	118.81	JP_2011_Miyagi_11_EW	0.445	89.86	JP_2011_Miyagi_11_EW	0.445	89.86	US_1991_Petrolia_90	0.775	117.26
MAP E	1	JP_2004_Chuetstu_07_EW	0.646	14.65	JP_2004_Chuetstu_07_EW	0.646	14.65	CH_2016_GO07_EW	0.909	29.95	PE_2010_05MAY_01_EW	3.879	12.24	PE_2010_05MAY_01_EW	3.879	12.24	CH_2010_Maule_02_Transv	0.295	29.40
	2	JP_2011_Tohoku_19_EW	0.822	16.35	JP_2011_Tohoku_19_EW	0.822	16.35	CH_2016_GO07_NS	0.814	26.16	JP_2004_Chuetstu_07_EW	0.678	14.24	JP_2004_Chuetstu_07_EW	0.678	14.24	CH_2015_Coquimbo_02_EW	1.121	41.56
	3	JP_2004_Chuetstu_07_NS	0.824	16.89	JP_2004_Chuetstu_07_NS	0.824	16.89	JP_1997_Kagoshima_EW	0.612	28.42	JP_2011_Tohoku_55_EW	0.955	14.25	JP_2011_Tohoku_55_EW	0.955	14.25	CH_2015_Coquimbo_02_NS	0.633	43.07
	4	JP_2011_Tohoku_55_EW	0.839	17.34	JP_2011_Tohoku_55_EW	0.839	17.34	JP_2000_Tottori_01_EW	0.710	28.59	CH_2014_Iquique_02_EW	2.667	14.72	CH_2014_Iquique_02_EW	2.667	14.72	JP_2004_Chuetstu_03_NS	0.640	39.77
	5	PE_2010_05MAY_01_EW	3.302	17.56	PE_2010_05MAY_01_EW	3.302	17.56	JP_2003_Hokkaido_07_NS	0.773	35.92	PE_1974_03OCT_EW	1.879	15.09	PE_1974_03OCT_EW	1.879	15.09	JP_2011_Miyagi_13_EW	0.708	27.94
	6	US_1986_North Palm Springs_0	0.967	17.85	US_1986_North Palm Springs_0	0.967	17.85	JP_2004_Chuetstu_03_NS	0.587	39.95	JP_2003_Hokkaido_06_NS	0.888	15.66	JP_2003_Hokkaido_06_NS	0.888	15.66	JP_2011_Miyagi_16_EW	0.843	20.95
	7	PE_1974_03OCT_EW	1.670	18.19	PE_1974_03OCT_EW	1.670	18.19	JP_2011_Tohoku_20_NS	1.952	39.99	JP_2011_Tohoku_09_EW	0.715	15.70	JP_2011_Tohoku_09_EW	0.715	15.70	JP_2011_Tohoku_13_NS	0.663	33.67
	8	CH_2014_Iquique_02_EW	2.266	18.76	JP_2003_Hokkaido_06_NS	0.787	18.79	JP_2011_Tohoku_23_EW	0.533	37.66	US_1989_Loma Prieta_06_0	0.858	16.05	US_1989_Loma Prieta_06_0	0.858	16.05	JP_2011_Tohoku_20_NS	2.030	39.86
	9	JP_2003_Hokkaido_06_NS	0.787	18.79	JP_2009_Shizuoca_02_EW	0.971	19.25	JP_2011_Tohoku_26_EW	0.444	44.55	JP_2011_Tohoku_19_EW	0.805	16.08	JP_2011_Tohoku_19_EW	0.805	16.08	JP_2011_Tohoku_29_NS	0.393	52.76
	10	JP_2009_Shizuoca_02_EW	0.971	19.25	JP_2016_Kumamoto_05_EW	1.241	19.55	JP_2011_Tohoku_35_EW	0.394	36.80	JP_2011_Tohoku_50_NS	0.655	16.15	JP_2011_Tohoku_50_NS	0.655	16.15	JP_2016_Kumamoto_06_EW	0.730	24.67
	11	JP_2011_Miyagi_17_NS	0.504	19.39	US_1994_Northridge_02_90	0.890	19.72	JP_2011_Tohoku_45_EW	0.592	24.90	JP_2011_Tohoku_55_NS	0.708	16.41	JP_2011_Tohoku_55_NS	0.708	16.41	JP_2018_Hokkaido_02_EW	0.663	22.54
	12	JP_2016_Kumamoto_05_EW	1.241	19.55	TW_1999_ChiChi_08_90	0.699	19.95	JP_2011_Tohoku_60_NS	0.512	64.02	US_1994_Northridge_01_90	1.394	16.49	US_1994_Northridge_01_90	1.394	16.49	JP_2018_Hokkaido_04_EW	0.438	27.79
	13	US_1994_Northridge_02_90	0.890	19.72	CH_2010_Maule_03_Trans	0.873	20.16	JP_2016_14APR_EW	0.603	52.16	CH_2010_Maule_03_Trans	0.723	16.59	CH_2010_Maule_03_Trans	0.723	16.59	PE_2007_PISCO_05_NS	4.000	86.52
	14	TW_1999_ChiChi_08_90	0.699	19.95	CH_2010_Maule_04_Long	0.781	20.37	JP_2016_Kumamoto_06_E W	0.714	25.01	JP_2004_Chuetstu_07_NS	0.865	16.65	JP_2004_Chuetstu_07_NS	0.865	16.65	PE_2011_24AGO_01_EW	4.000	94.84
	15	CH_2010_Maule_03_Trans	0.873	20.16	US_1994_Northridge_02_360	0.932	21.59	JP_2018_Hokkaido_06_EW	0.563	52.87	TW_1999_ChiChi_10_90	0.505	17.60	TW_1999_ChiChi_10_90	0.505	17.60	PE_2011_24AGO_07_EW	4.000	90.99

	16	JP_2011_Tohoku_38_NS	0.772	20.21	TW_1999_ChiChi_08_360	0.876	21.66	PE_1974_09NOV_01_EW	2.130	28.38	JP_2011_Tohoku_10_NS	0.550	17.62	JP_2011_Tohoku_10_NS	0.550	17.62	PE_2011_24AGO_07_NS	4.000	91.58
	17	CH_2010_Maule_04_Long	0.781	20.37	JP_2011_Tohoku_19_NS	0.681	21.92	TW_1999_ChiChi_08_90	0.699	19.95	US_1986_North Palm Springs_0	0.993	17.72	US_1986_North Palm Springs_0	0.993	17.72	PE_2015_24NOV_01_EW	4.000	99.69
	18	JP_2011_Tohoku_10_EW	0.498	21.47	JP_2003_Hokkaido_05_EW	0.903	22.28	US_1989_Loma Prieta_04_0	0.520	26.40	CH_2016_GO07_NS	1.030	18.03	CH_2016_GO07_NS	1.030	18.03	PE_2015_24NOV_02_NS	4.000	99.81
	19	US_1994_Northridge_02_360	0.932	21.59	US_1989_Loma Prieta_03_90	0.974	22.38	US_1994_Northridge_01_90	1.042	28.01	PE_2005_25SET_02_EW	2.970	18.04	PE_2005_25SET_02_EW	2.970	18.04	PE_2015_24NOV_05_NS	4.000	99.28
	20	TW_1999_ChiChi_08_360	0.876	21.66	JP_2011_Miyagi_11_EW	0.501	22.48	US_1994_Northridge_02_360	0.932	21.59	JP_2011_Tohoku_38_EW	0.805	18.26	JP_2011_Tohoku_38_EW	0.805	18.26	TW_1999_ChiChi_01_90	0.400	22.35
MSE	1	PE_1974_03OCT_EW	1.670	7157.92	PE_1974_03OCT_EW	1.670	7157.92	CH_2016_GO07_EW	0.909	33686.11	PE_1974_03OCT_EW	1.818	5233.85	PE_1974_03OCT_EW	1.818	5233.85	CH_1995_Antofagasta_Transv	4.000	65848.64
	2	JP_2004_Chuetstu_05_EW	0.436	7766.48	JP_2004_Chuetstu_07_EW	0.646	8042.19	CH_2016_GO07_NS	0.814	21818.94	JP_2004_Chuetstu_05_EW	0.453	7198.03	JP_2004_Chuetstu_07_EW	0.633	7821.92	JP_2004_Chuetstu_03_NS	0.610	49709.74
	3	JP_2004_Chuetstu_07_EW	0.646	8042.19	CH_2010_Maule_04_Long	0.781	9871.56	JP_1997_Kagoshima_EW	0.612	18862.73	JP_2004_Chuetstu_07_EW	0.633	7821.92	PE_2010_05MAY_01_EW	3.697	8540.94	JP_2011_Miyagi_16_EW	0.813	12249.22
	4	CH_2010_Maule_04_Long	0.781	9871.56	JP_2004_Chuetstu_07_NS	0.824	10680.18	JP_2000_Tottori_01_EW	0.710	24313.56	PE_2010_05MAY_01_EW	3.697	8540.94	TW_1999_ChiChi_10_90	0.468	9475.63	JP_2011_Tohoku_04_EW	0.573	42691.08
	5	JP_2004_Chuetstu_07_NS	0.824	10680.18	JP_2011_Tohoku_55_EW	0.839	11196.42	JP_2003_Hokkaido_07_NS	0.773	36834.23	TW_1999_ChiChi_10_90	0.468	9475.63	JP_2003_Hokkaido_06_NS	0.850	9763.74	JP_2011_Tohoku_20_NS	1.697	55696.74
	6	JP_2011_Tohoku_55_EW	0.839	11196.42	JP_2003_Hokkaido_06_NS	0.787	11480.84	JP_2004_Chuetstu_03_NS	0.587	50173.03	JP_2003_Hokkaido_06_NS	0.850	9763.74	CH_2010_Maule_04_Long	0.775	9872.50	JP_2011_Tohoku_29_NS	0.310	86750.64
	7	JP_2003_Hokkaido_06_NS	0.787	11480.84	PE_2010_05MAY_01_EW	3.302	12382.57	JP_2011_Tohoku_20_NS	1.952	61741.56	CH_2010_Maule_04_Long	0.775	9872.50	JP_2004_Chuetstu_07_NS	0.790	10151.58	JP_2011_Tohoku_35_EW	0.385	35221.15
	8	PE_2010_05MAY_01_EW	3.302	12382.57	TW_1999_ChiChi_08_360	0.876	13835.08	JP_2011_Tohoku_23_EW	0.533	52311.44	JP_2004_Chuetstu_07_NS	0.790	10151.58	JP_2011_Tohoku_55_EW	0.880	10401.88	JP_2011_Tohoku_42_EW	0.505	39164.54
	9	CH_2014_Iquique_02_EW	2.266	13239.59	PE_1974_09NOV_01_NS	3.525	14676.16	JP_2011_Tohoku_26_EW	0.444	54304.32	JP_2011_Tohoku_55_EW	0.880	10401.88	US_1989_Loma Prieta_06_0	0.940	10573.79	JP_2011_Tohoku_47_NS	0.865	80619.92
	10	TW_1999_ChiChi_08_360	0.876	13835.08	JP_2016_Kumamoto_05_EW	1.241	15540.87	JP_2011_Tohoku_35_EW	0.394	35313.87	US_1989_Loma Prieta_06_0	0.940	10573.79	CH_2016_GO07_NS	1.000	10621.59	JP_2021_Fukushima_07_NS	0.640	37537.47
	11	PE_1974_09NOV_01_NS	3.525	14676.16	JP_2011_Tohoku_44_NS	0.387	15581.83	JP_2011_Tohoku_45_EW	0.592	25197.08	CH_2016_GO07_NS	1.000	10621.59	JP_2011_Tohoku_10_NS	0.505	10903.22	PE_2007_PISCO_05_NS	4.000	259991.54
	12	JP_2016_Kumamoto_05_EW	1.241	15540.87	US_1994_Northridge_02_90	0.890	16213.45	JP_2011_Tohoku_60_NS	0.512	106590.46	JP_2011_Tohoku_10_NS	0.505	10903.22	US_1994_Northridge_01_90	1.333	11346.53	PE_2011_24AGO_01_EW	4.000	298985.02
	13	JP_2011_Tohoku_44_NS	0.387	15581.83	JP_2011_Miyagi_11_EW	0.501	16930.45	JP_2016_14APR_EW	0.603	69877.47	US_1994_Northridge_01_90	1.333	11346.53	CH_2010_Maule_03_Trans	0.760	11439.30	PE_2011_24AGO_02_EW	4.000	296836.94
	14	US_1994_Northridge_02_90	0.890	16213.45	JP_2011_Tohoku_59_EW	1.015	17599.02	JP_2016_Kumamoto_06_EW	0.714	24098.78	CH_2010_Maule_03_Trans	0.760	11439.30	JP_2011_Tohoku_10_EW	0.438	11581.06	PE_2011_24AGO_07_EW	4.000	287884.89
	15	JP_2011_Miyagi_17_NS	0.504	16837.48	PE_2010_05MAY_02_NS	2.368	17601.43	JP_2018_Hokkaido_06_EW	0.563	75842.40	JP_2011_Tohoku_10_EW	0.438	11581.06	PE_2005_25SET_02_EW	3.000	11770.36	PE_2011_24AGO_07_NS	4.000	289492.07
	16	JP_2011_Miyagi_11_EW	0.501	16930.45	JP_2011_Tohoku_37_NS	0.526	17825.18	PE_1974_09NOV_01_EW	2.130	25481.79	PE_2005_25SET_02_EW	3.000	11770.36	CH_2014_Iquique_02_EW	2.424	12102.82	PE_2015_24NOV_01_EW	4.000	333832.23
	17	JP_2011_Tohoku_10_EW	0.498	17162.37	US_1989_Loma Prieta_06_0	1.084	18126.17	TW_1999_ChiChi_08_90	0.699	20805.67	CH_2014_Iquique_02_EW	2.424	12102.82	JP_2011_Tohoku_44_NS	0.430	12231.98	PE_2015_24NOV_02_EW	4.000	334757.23
	18	JP_2004_Chuetstu_05_NS	0.336	17268.19	PE_1974_03OCT_NS	2.201	18212.34	US_1989_Loma Prieta_04_0	0.520	28258.35	JP_2011_Tohoku_44_NS	0.430	12231.98	JP_2011_Miyagi_16_EW	0.813	12249.22	PE_2015_24NOV_02_NS	4.000	334896.33
	19	JP_2011_Tohoku_59_EW	1.015	17599.02	JP_2009_Shizuoca_02_EW	0.971	18545.05	US_1994_Northridge_01_90	1.042	26699.13	JP_2011_Miyagi_16_EW	0.813	12249.22	TW_1999_ChiChi_08_90	0.603	12493.71	PE_2015_24NOV_05_EW	4.000	329740.82
	20	PE_2010_05MAY_02_NS	2.368	17601.43	JP_1997_Kagoshima_EW	0.612	18862.73	US_1994_Northridge_02_360	0.932	26092.42	TW_1999_ChiChi_08_90	0.603	12493.71	JP_2011_Tohoku_50_NS	0.648	12660.53	PE_2015_24NOV_05_NS	4.000	330467.33
RMS E	1	PE_1974_03OCT_EW	1.670	84.60	PE_1974_03OCT_EW	1.670	84.60	CH_2016_GO07_EW	0.909	183.54	PE_1974_03OCT_EW	1.818	72.35	PE_1974_03OCT_EW	1.818	72.35	CH_1995_Antofagasta_Transv	4.000	256.61
	2	JP_2004_Chuetstu_05_EW	0.436	88.13	JP_2004_Chuetstu_07_EW	0.646	89.68	CH_2016_GO07_NS	0.814	147.71	JP_2004_Chuetstu_05_EW	0.453	84.84	JP_2004_Chuetstu_07_EW	0.633	88.44	JP_2004_Chuetstu_03_NS	0.610	222.96
	3	JP_2004_Chuetstu_07_EW	0.646	89.68	CH_2010_Maule_04_Long	0.781	99.36	JP_1997_Kagoshima_EW	0.612	137.34	JP_2004_Chuetstu_07_EW	0.633	88.44	PE_2010_05MAY_01_EW	3.697	92.42	JP_2011_Miyagi_16_EW	0.813	110.68
	4	CH_2010_Maule_04_Long	0.781	99.36	JP_2004_Chuetstu_07_NS	0.824	103.34	JP_2000_Tottori_01_EW	0.710	155.93	PE_2010_05MAY_01_EW	3.697	92.42	TW_1999_ChiChi_10_90	0.468	97.34	JP_2011_Tohoku_04_EW	0.573	206.62
	5	JP_2004_Chuetstu_07_NS	0.824	103.34	JP_2011_Tohoku_55_EW	0.839	105.81	JP_2003_Hokkaido_07_NS	0.773	191.92	TW_1999_ChiChi_10_90	0.468	97.34	JP_2003_Hokkaido_06_NS	0.850	98.81	JP_2011_Tohoku_20_NS	1.697	236.00
	6	JP_2011_Tohoku_55_EW	0.839	105.81	JP_2003_Hokkaido_06_NS	0.787	107.15	JP_2004_Chuetstu_03_NS	0.587	223.99	JP_2003_Hokkaido_06_NS	0.850	98.81	CH_2010_Maule_04_Long	0.775	99.36	JP_2011_Tohoku_29_NS	0.310	294.53
	7	JP_2003_Hokkaido_06_NS	0.787	107.15	PE_2010_05MAY_01_EW	3.302	111.28	JP_2011_Tohoku_20_NS	1.952	248.48	CH_2010_Maule_04_Long	0.775	99.36	JP_2004_Chuetstu_07_NS	0.790	100.76	JP_2011_Tohoku_35_EW	0.385	187.67
	8	PE_2010_05MAY_01_EW	3.302	111.28	TW_1999_ChiChi_08_360	0.876	117.62	JP_2011_Tohoku_23_EW	0.533	228.72	JP_2004_Chuetstu_07_NS	0.790	100.76	JP_2011_Tohoku_55_EW	0.880	101.99	JP_2011_Tohoku_42_EW	0.505	197.90
	9	CH_2014_Iquique_02_EW	2.266	115.06	PE_1974_09NOV_01_NS	3.525	121.15	JP_2011_Tohoku_26_EW	0.444	233.03	JP_2011_Tohoku_55_EW	0.880	101.99	US_1989_Loma Prieta_06_0	0.940	102.83	JP_2011_Tohoku_47_NS	0.865	283.94
	10	TW_1999_ChiChi_08_360	0.876	117.62	JP_2016_Kumamoto_05_EW	1.241	124.66	JP_2011_Tohoku_35_EW	0.394	187.92	US_1989_Loma Prieta_06_0	0.940	102.83	CH_2016_GO07_NS	1.000	103.06	JP_2021_Fukushima_07_NS	0.640	193.75
	11	PE_1974_09NOV_01_NS	3.525	121.15	JP_2011_Tohoku_44_NS	0.387	124.83	JP_2011_Tohoku_45_EW	0.592	158.74	CH_2016_GO07_NS	1.000	103.06	JP_2011_Tohoku_10_NS	0.505	104.42	PE_2007_PISCO_05_NS	4.000	509.89
	12	JP_2016_Kumamoto_05_EW	1.241	124.66	US_1994_Northridge_02_90	0.890	127.33	JP_2011_Tohoku_60_NS	0.512	326.48	JP_2011_Tohoku_10_NS	0.505	104.42	US_1994_Northridge_01_90	1.333	106.52	PE_2011_24AGO_01_EW	4.000	546.80
	13	JP_2011_Tohoku_44_NS	0.387	124.83	JP_2011_Miyagi_11_EW	0.501	130.12	JP_2016_14APR_EW	0.603	264.34	US_1994_Northridge_01_90	1.333	106.52	CH_2010_Maule_03_Trans	0.760	106.95	PE_2011_24AGO_02_EW	4.000	544.83
	14	US_1994_Northridge_02_90	0.890	127.33	JP_2011_Tohoku_59_EW	1.015	132.66	JP_2016_Kumamoto_06_EW	0.714	155.24	CH_2010_Maule_03_Trans	0.760	106.95	JP_2011_Tohoku_10_EW	0.438	107.62	PE_2011_24AGO_07_EW	4.000	536.55

	15	JP_2011_Miyagi_17_NS	0.504	129.76	PE_2010_05MAY_02_NS	2.368	132.67	JP_2018_Hokkaido_06_EW	0.563	275.39	JP_2011_Tohoku_10_EW	0.438	107.62	PE_2005_25SET_02_EW	3.000	108.49	PE_2011_24AGO_07_NS	4.000	538.04
	16	JP_2011_Miyagi_11_EW	0.501	130.12	JP_2011_Tohoku_37_NS	0.526	133.51	PE_1974_09NOV_01_EW	2.130	159.63	PE_2005_25SET_02_EW	3.000	108.49	CH_2014_Iquique_02_EW	2.424	110.01	PE_2015_24NOV_01_EW	4.000	577.78
	17	JP_2011_Tohoku_10_EW	0.498	131.01	US_1989_Loma Prieta_06_0	1.084	134.63	TW_1999_ChiChi_08_90	0.699	144.24	CH_2014_Iquique_02_EW	2.424	110.01	JP_2011_Tohoku_44_NS	0.430	110.60	PE_2015_24NOV_02_EW	4.000	578.58
	18	JP_2004_Chuetstu_05_NS	0.336	131.41	PE_1974_03OCT_NS	2.201	134.95	US_1989_Loma Prieta_04_0	0.520	168.10	JP_2011_Tohoku_44_NS	0.430	110.60	JP_2011_Miyagi_16_EW	0.813	110.68	PE_2015_24NOV_02_NS	4.000	578.70
	19	JP_2011_Tohoku_59_EW	1.015	132.66	JP_2009_Shizuoca_02_EW	0.971	136.18	US_1994_Northridge_01_90	1.042	163.40	JP_2011_Miyagi_16_EW	0.813	110.68	TW_1999_ChiChi_08_90	0.603	111.78	PE_2015_24NOV_05_EW	4.000	574.23
	20	PE_2010_05MAY_02_NS	2.368	132.67	JP_1997_Kagoshima_EW	0.612	137.34	US_1994_Northridge_02_360	0.932	161.53	TW_1999_ChiChi_08_90	0.603	111.78	JP_2011_Tohoku_50_NS	0.648	112.52	PE_2015_24NOV_05_NS	4.000	574.86

REGISTROS SELECCIONADOS CASO Nmr T=0.24s - TSepu-tr-975																			
Caso:		TSepu-tr-975_NSp_Sbs			TSepu-tr-975_NSp_Sci			TSepu-tr-975_NSp_Ssr			TSepu-tr-975_NSr_Sbs			TSepu-tr-975_NSr_Sci			TSepu-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetstu_07_EW	0.810	75.96	JP_2004_Chuetstu_07_EW	0.810	75.96	CH_2010_Maule_04_Transv	0.475	229.63	PE_1974_03OCT_EW	2.333	71.49	PE_1974_03OCT_EW	2.333	71.49	CH_2010_Maule_02_Long	0.513	187.49
	2	JP_2004_Chuetstu_05_EW	0.546	90.96	PE_1974_03OCT_EW	2.095	91.21	CH_2014_Iquique_02_EW	2.843	118.46	JP_2004_Chuetstu_07_EW	0.820	74.57	JP_2004_Chuetstu_07_EW	0.820	74.57	CH_2010_Maule_02_Transv	0.378	204.15
	3	PE_1974_03OCT_EW	2.095	91.21	CH_2010_Maule_04_Long	0.980	93.63	CH_2016_GO07_EW	1.141	196.03	JP_2004_Chuetstu_05_EW	0.580	80.48	JP_2004_Chuetstu_05_EW	0.580	80.48	CH_2010_Maule_03_Long	0.888	158.94
	4	CH_2010_Maule_04_Long	0.980	93.63	JP_2004_Chuetstu_07_NS	1.034	93.78	JP_2003_Hokkaido_01_EW	0.535	343.21	JP_2011_Tohoku_55_EW	1.212	89.79	JP_2011_Tohoku_55_EW	1.212	89.79	CH_2010_Maule_06_Long	1.030	128.90
	5	JP_2004_Chuetstu_07_NS	1.034	93.78	JP_2011_Tohoku_55_EW	1.053	111.58	JP_2003_Hokkaido_01_NS	0.573	315.14	CH_2010_Maule_04_Long	0.985	93.49	CH_2010_Maule_04_Long	0.985	93.49	CH_2014_Iquique_02_EW	3.242	106.25
	6	JP_2011_Tohoku_55_EW	1.053	111.58	JP_2011_Miyagi_17_NS	0.632	112.47	JP_2003_Hokkaido_03_NS	0.868	142.65	JP_2004_Chuetstu_07_NS	1.030	93.77	JP_2004_Chuetstu_07_NS	1.030	93.77	CH_2015_Coquimbo_02_EW	1.303	236.65
	7	JP_2011_Miyagi_17_NS	0.632	112.47	JP_2003_Hokkaido_06_NS	0.987	116.56	JP_2003_Hokkaido_07_NS	0.969	225.29	JP_2003_Hokkaido_06_NS	1.121	95.90	JP_2003_Hokkaido_06_NS	1.121	95.90	JP_2003_Hokkaido_12_EW	1.182	203.16
	8	JP_2003_Hokkaido_06_NS	0.987	116.56	CH_2014_Iquique_02_EW	2.843	118.46	JP_2003_Hokkaido_09_NS	0.315	350.06	TW_1999_ChiChi_10_90	0.640	101.89	TW_1999_ChiChi_10_90	0.640	101.89	JP_2011_Tohoku_14_NS	0.340	246.28
	9	CH_2014_Iquique_02_EW	2.843	118.46	TW_1999_ChiChi_08_360	1.098	119.36	JP_2003_Hokkaido_12_EW	1.207	203.05	PE_2005_25SET_02_EW	3.788	102.10	PE_2005_25SET_02_EW	3.788	102.10	JP_2011_Tohoku_17_EW	0.693	157.91
	10	JP_2011_Tohoku_10_EW	0.624	119.32	US_1986_North Palm Springs_0	1.213	120.57	JP_2004_Chuetstu_03_NS	0.736	235.89	JP_2011_Tohoku_50_NS	0.805	103.24	JP_2011_Tohoku_50_NS	0.805	103.24	JP_2011_Tohoku_20_NS	2.545	237.72
	11	TW_1999_ChiChi_08_360	1.098	119.36	JP_2009_Shizuoca_02_EW	1.219	124.22	JP_2009_Shizuoca_01_NS	0.739	297.26	US_1994_Northridge_01_90	1.697	103.92	US_1994_Northridge_01_90	1.697	103.92	JP_2011_Tohoku_28_EW	0.873	150.54
	12	US_1986_North Palm Springs_0	1.213	120.57	CH_2010_Maule_03_Trans	1.095	127.67	JP_2011_Tohoku_10_NS	0.518	174.47	JP_2011_Tohoku_10_NS	0.663	104.28	JP_2011_Tohoku_10_NS	0.663	104.28	JP_2011_Tohoku_35_NS	0.370	226.54
	13	JP_2009_Shizuoca_02_EW	1.219	124.22	TW_1999_ChiChi_08_90	0.877	128.30	JP_2011_Tohoku_23_EW	0.669	241.52	JP_2011_Tohoku_10_EW	0.558	106.06	JP_2011_Tohoku_10_EW	0.558	106.06	JP_2011_Tohoku_39_NS	0.475	194.13
	14	CH_2010_Maule_03_Trans	1.095	127.67	JP_2016_Kumamoto_05_EW	1.557	130.18	JP_2011_Tohoku_50_EW	0.991	195.70	CH_2016_GO07_NS	1.273	106.13	CH_2016_GO07_NS	1.273	106.13	JP_2018_Hokkaido_04_NS	0.468	204.64
	15	TW_1999_ChiChi_08_90	0.877	128.30	JP_2011_Tohoku_59_EW	1.274	130.40	JP_2021_Fukushima_05_NS	2.125	374.00	CH_2014_Iquique_02_EW	3.242	106.25	CH_2014_Iquique_02_EW	3.242	106.25	PE_2015_24NOV_05_NS	4.000	678.61
	16	US_1989_Loma Prieta_06_90	1.514	128.73	US_1994_Northridge_02_90	1.116	135.15	PE_1974_09NOV_01_EW	2.672	168.45	CH_2010_Maule_03_Trans	0.985	108.82	CH_2010_Maule_03_Trans	0.985	108.82	TW_1999_ChiChi_08_90	0.775	110.03
	17	JP_2016_Kumamoto_05_EW	1.557	130.18	JP_2011_Tohoku_44_NS	0.486	135.68	PE_2001_07JUL_02_EW	2.629	151.50	JP_2011_Miyagi_17_NS	0.655	108.94	JP_2011_Miyagi_17_NS	0.655	108.94	US_1989_Loma Prieta_04_0	0.655	159.87
	18	JP_2011_Tohoku_59_EW	1.274	130.40	PE_1974_03OCT_NS	2.762	136.03	US_1989_Loma Prieta_05_195	2.752	136.49	TW_1999_ChiChi_08_90	0.775	110.03	TW_1999_ChiChi_08_90	0.775	110.03	US_1989_Loma Prieta_05_195	2.667	135.33
	19	US_1994_Northridge_02_90	1.116	135.15	US_1989_Loma Prieta_03_90	1.222	136.26	US_1992_Big Bear_270	0.930	243.44	JP_2011_Tohoku_32_NS	1.000	111.69	JP_2011_Tohoku_32_NS	1.000	111.69	US_1991_Petrolia_90	0.993	147.11
	20	JP_2011_Tohoku_44_NS	0.486	135.68	US_1989_Loma Prieta_06_0	1.360	136.46	US_1994_Northridge_02_360	1.169	153.80	US_1989_Loma Prieta_06_0	1.182	114.77	US_1989_Loma Prieta_06_0	1.182	114.77	US_1992_Big Bear_270	0.933	243.48
MAPE	1	JP_2004_Chuetstu_07_EW	0.810	14.03	JP_2004_Chuetstu_07_EW	0.810	14.03	CH_2010_Maule_04_Transv	0.475	38.04	JP_2011_Tohoku_55_EW	1.212	13.06	JP_2011_Tohoku_55_EW	1.212	13.06	CH_2010_Maule_02_Long	0.588	27.80
	2	JP_2004_Chuetstu_07_NS	1.034	15.31	JP_2004_Chuetstu_07_NS	1.034	15.31	CH_2014_Iquique_02_EW	2.843	18.74	JP_2004_Chuetstu_07_EW	0.843	13.36	JP_2004_Chuetstu_07_EW	0.843	13.36	CH_2010_Maule_02_Transv	0.378	29.73
	3	JP_2011_Tohoku_19_EW	1.031	16.65	JP_2011_Tohoku_19_EW	1.031	16.65	CH_2016_GO07_EW	1.141	30.19	PE_1974_03OCT_EW	2.394	14.27	PE_1974_03OCT_EW	2.394	14.27	CH_2010_Maule_06_Transv	0.925	24.31
	4	JP_2011_Tohoku_55_EW	1.053	17.48	JP_2011_Tohoku_55_EW	1.053	17.48	JP_2003_Hokkaido_01_EW	0.535	56.32	CH_2014_Iquique_02_EW	3.364	14.31	CH_2014_Iquique_02_EW	3.364	14.31	CH_2012_GO05_NS	4.000	30.38
	5	US_1986_North Palm Springs_0	1.213	17.69	US_1986_North Palm Springs_0	1.213	17.69	JP_2003_Hokkaido_01_NS	0.573	53.95	JP_2004_Chuetstu_07_NS	1.061	15.16	JP_2004_Chuetstu_07_NS	1.061	15.16	CH_2014_Iquique_02_EW	3.364	14.31
	6	PE_1974_03OCT_EW	2.095	18.01	PE_1974_03OCT_EW	2.095	18.01	JP_2003_Hokkaido_03_NS	0.868	22.79	JP_2003_Hokkaido_06_NS	1.121	15.94	JP_2003_Hokkaido_06_NS	1.121	15.94	JP_2003_Hokkaido_03_EW	0.633	21.29
	7	CH_2014_Iquique_02_EW	2.843	18.74	CH_2014_Iquique_02_EW	2.843	18.74	JP_2003_Hokkaido_07_NS	0.969	36.12	JP_2011_Tohoku_55_NS	0.903	16.36	JP_2011_Tohoku_55_NS	0.903	16.36	JP_2003_Hokkaido_03_NS	0.858	22.74
	8	JP_2003_Hokkaido_06_NS	0.987	19.17	JP_2003_Hokkaido_06_NS	0.987	19.17	JP_2003_Hokkaido_09_NS	0.315	58.85	JP_2011_Tohoku_09_EW	0.918	16.42	JP_2011_Tohoku_09_EW	0.918	16.42	JP_2003_Hokkaido_12_EW	1.212	30.36

	9	JP_2011_Miyagi_17_NS	0.63 2	19.33	JP_2011_Miyagi_17_NS	0.63 2	19.33	JP_2003_Hokkaido_12_EW	1.20 7	30.35	JP_2011_Tohoku_50_NS	0.80 5	16.61	JP_2011_Tohoku_50_NS	0.80 5	16.61	JP_2011_Miyagi_13_EW	0.82 0	29.50
	10	CH_2010_Maule_04_Long	0.98 0	19.34	CH_2010_Maule_04_Long	0.98 0	19.34	JP_2004_Chuetstu_03_NS	0.73 6	39.65	JP_2011_Tohoku_19_EW	1.03 0	16.65	JP_2011_Tohoku_19_EW	1.03 0	16.65	JP_2011_Tohoku_20_NS	2.57 6	39.91
	11	JP_2016_Kumamoto_05_EW	1.55 7	19.83	JP_2016_Kumamoto_05_EW	1.55 7	19.83	JP_2009_Shizuoca_01_NS	0.73 9	52.40	US_1989_Loma Prieta_06_0	1.06 1	16.74	US_1989_Loma Prieta_06_0	1.06 1	16.74	JP_2011_Tohoku_28_EW	0.91 0	22.84
	12	JP_2009_Shizuoca_02_EW	1.21 9	19.91	JP_2009_Shizuoca_02_EW	1.21 9	19.91	JP_2011_Tohoku_10_NS	0.51 8	30.37	US_1994_Northridge_01_90	1.72 7	16.79	US_1994_Northridge_01_90	1.72 7	16.79	JP_2011_Tohoku_28_NS	0.61 8	29.68
	13	TW_1999_ChiChi_08_90	0.87 7	20.13	TW_1999_ChiChi_08_90	0.87 7	20.13	JP_2011_Tohoku_23_EW	0.66 9	38.04	CH_2010_Maule_03_Trans	0.91 8	16.90	CH_2010_Maule_03_Trans	0.91 8	16.90	JP_2011_Tohoku_35_NS	0.40 0	38.95
	14	CH_2010_Maule_03_Trans	1.09 5	20.68	CH_2010_Maule_03_Trans	1.09 5	20.68	JP_2011_Tohoku_50_EW	0.99 1	34.55	TW_1999_ChiChi_10_90	0.65 5	17.39	TW_1999_ChiChi_10_90	0.65 5	17.39	JP_2011_Tohoku_39_NS	0.47 5	34.05
	15	TW_1999_ChiChi_08_360	1.09 8	20.74	TW_1999_ChiChi_08_360	1.09 8	20.74	JP_2021_Fukushima_05_NS	2.12 5	55.84	US_1986_North Palm Springs_0	1.21 2	17.70	US_1986_North Palm Springs_0	1.21 2	17.70	JP_2011_Tohoku_59_NS	1.27 3	32.00
	16	US_1989_Loma Prieta_06_90	1.51 4	20.88	US_1994_Northridge_02_90	1.11 6	21.10	PE_1974_09NOV_01_EW	2.67 2	28.63	PE_2005_25SET_02_EW	3.69 7	17.78	PE_2005_25SET_02_EW	3.69 7	17.78	JP_2016_Kumamoto_01_EW	0.62 5	24.30
	17	US_1994_Northridge_02_90	1.11 6	21.10	JP_2003_Hokkaido_03_EW	0.62 8	21.29	PE_2001_07JUL_02_EW	2.62 9	24.74	JP_2011_Tohoku_10_NS	0.67 8	17.85	JP_2011_Tohoku_10_NS	0.67 8	17.85	PE_2015_24NOV_05_NS	4.00 0	99.43
	18	JP_2011_Tohoku_10_EW	0.62 4	21.14	US_1994_Northridge_02_360	1.16 9	21.41	US_1989_Loma Prieta_05_195	2.75 2	24.82	TW_1999_ChiChi_08_90	0.80 5	18.16	TW_1999_ChiChi_08_90	0.80 5	18.16	TW_1999_ChiChi_08_90	0.80 5	18.16
	19	JP_2011_Tohoku_38_NS	0.96 8	21.22	JP_2003_Hokkaido_05_EW	1.13 3	21.73	US_1992_Big Bear_270	0.93 0	41.82	JP_2011_Tohoku_32_NS	1.00 0	18.30	JP_2011_Tohoku_32_NS	1.00 0	18.30	US_1991_Petrolia_90	0.99 3	26.32
	20	JP_2003_Hokkaido_03_EW	0.62 8	21.29	JP_2011_Tohoku_59_EW	1.27 4	21.73	US_1994_Northridge_02_360	1.16 9	21.41	JP_2011_Miyagi_17_NS	0.67 0	18.57	JP_2011_Miyagi_17_NS	0.67 0	18.57	US_1994_Northridge_02_90	1.15 2	20.85
MSE	1	PE_1974_03OCT_EW	2.09 5	11597.1 3	PE_1974_03OCT_EW	2.09 5	11597.1 3	CH_2010_Maule_04_Transv	0.47 5	66529.10	PE_1974_03OCT_EW	2.30 3	7156.08	PE_1974_03OCT_EW	2.30 3	7156.08	CH_2010_Maule_03_Long	0.89 5	37281.04
	2	JP_2004_Chuetstu_07_EW	0.81 0	11876.7 9	JP_2004_Chuetstu_07_EW	0.81 0	11876.7 9	CH_2014_Iquique_02_EW	2.84 3	21714.03	JP_2004_Chuetstu_07_EW	0.80 5	11824.4 6	JP_2004_Chuetstu_07_EW	0.80 5	11824.4 6	CH_2010_Maule_03_Trans	0.96 3	18762.00
	3	JP_2004_Chuetstu_05_EW	0.54 6	13683.6 9	JP_2004_Chuetstu_07_NS	1.03 4	13896.7 9	CH_2016_GO07_EW	1.14 1	57491.12	JP_2004_Chuetstu_05_EW	0.58 0	12057.6 9	JP_2004_Chuetstu_05_EW	0.58 0	12057.6 9	CH_2010_Maule_06_Long	0.96 3	28137.93
	4	JP_2004_Chuetstu_07_NS	1.03 4	13896.7 9	CH_2010_Maule_04_Long	0.98 0	13930.7 1	JP_2003_Hokkaido_01_EW	0.53 5	144923.2 7	JP_2004_Chuetstu_07_NS	1.00 0	13692.6 1	JP_2004_Chuetstu_07_NS	1.00 0	13692.6 1	CH_2012_GO05_NS	3.81 8	36986.81
	5	CH_2010_Maule_04_Long	0.98 0	13930.7 1	JP_2011_Tohoku_55_EW	1.05 3	18462.3 5	JP_2003_Hokkaido_01_NS	0.57 3	127861.8 1	CH_2010_Maule_04_Long	0.99 3	13847.6 5	CH_2010_Maule_04_Long	0.99 3	13847.6 5	CH_2014_Iquique_02_EW	3.06 1	18855.98
	6	JP_2011_Tohoku_55_EW	1.05 3	18462.3 5	TW_1999_ChiChi_08_360	1.09 8	20544.3 3	JP_2003_Hokkaido_03_NS	0.86 8	30140.14	TW_1999_ChiChi_10_90	0.60 3	15052.3 3	TW_1999_ChiChi_10_90	0.60 3	15052.3 3	JP_2003_Hokkaido_12_EW	1.12 1	57893.11
	7	TW_1999_ChiChi_08_360	1.09 8	20544.3 3	JP_2003_Hokkaido_06_NS	0.98 7	21228.7 4	JP_2003_Hokkaido_07_NS	0.96 9	61771.28	JP_2011_Tohoku_55_EW	1.12 1	16323.2 6	JP_2011_Tohoku_55_EW	1.12 1	16323.2 6	JP_2009_Shizuoca_02_NS	1.39 4	45305.43
	8	JP_2003_Hokkaido_06_NS	0.98 7	21228.7 4	CH_2014_Iquique_02_EW	2.84 3	21714.0 3	JP_2003_Hokkaido_09_NS	0.31 5	141836.9 9	JP_2003_Hokkaido_06_NS	1.09 1	17534.0 2	JP_2003_Hokkaido_06_NS	1.09 1	17534.0 2	JP_2011_Tohoku_20_NS	2.18 2	89156.31
	9	CH_2014_Iquique_02_EW	2.84 3	21714.0 3	PE_1974_03OCT_NS	2.76 2	25282.4 5	JP_2003_Hokkaido_12_EW	1.20 7	61814.02	JP_2011_Tohoku_10_NS	0.64 0	18570.6 8	JP_2011_Tohoku_10_NS	0.64 0	18570.6 8	JP_2011_Tohoku_28_NS	0.59 5	34389.70
	10	PE_1974_03OCT_NS	2.76 2	25282.4 5	PE_2010_05MAY_02_NS	2.97 0	26274.9 5	JP_2004_Chuetstu_03_NS	0.73 6	80407.80	CH_2010_Maule_03_Trans	0.96 3	18762.0 0	CH_2010_Maule_03_Trans	0.96 3	18762.0 0	JP_2011_Tohoku_29_NS	0.40 0	136992.2 8
	11	PE_2010_05MAY_02_NS	2.97 0	26274.9 5	JP_2011_Miyagi_17_NS	0.63 2	26306.3 2	JP_2009_Shizuoca_01_NS	0.73 9	106152.3 4	CH_2014_Iquique_02_EW	3.06 1	18855.9 8	CH_2014_Iquique_02_EW	3.06 1	18855.9 8	JP_2011_Tohoku_35_NS	0.38 5	71205.62
	12	JP_2011_Miyagi_17_NS	0.63 2	26306.3 2	JP_2011_Tohoku_44_NS	0.48 6	26437.6 3	JP_2011_Tohoku_10_NS	0.51 8	38592.99	CH_2016_GO07_NS	1.27 3	19073.8 0	CH_2016_GO07_NS	1.27 3	19073.8 0	JP_2011_Tohoku_39_NS	0.44 5	51027.98
	13	JP_2011_Tohoku_44_NS	0.48 6	26437.6 3	JP_2011_Tohoku_59_EW	1.27 4	26881.9 6	JP_2011_Tohoku_23_EW	0.66 9	86020.64	PE_2005_25SET_02_EW	3.81 8	19207.7 8	PE_2005_25SET_02_EW	3.81 8	19207.7 8	PE_2011_24AGO_07_EW	4.00 0	482716.8 2
	14	JP_2011_Tohoku_10_EW	0.62 4	26470.8 6	JP_2016_Kumamoto_05_EW	1.55 7	27389.8 8	JP_2011_Tohoku_50_EW	0.99 1	63709.04	JP_2011_Tohoku_10_EW	0.55 8	19454.2 9	JP_2011_Tohoku_10_EW	0.55 8	19454.2 9	PE_2011_24AGO_07_NS	4.00 0	484679.7 9
	15	JP_2011_Tohoku_59_EW	1.27 4	26881.9 6	US_2005_Anza_01_360	3.48 4	27691.3 6	JP_2021_Fukushima_05_NS	2.12 5	395626.9 8	JP_2011_Tohoku_44_NS	0.55 0	19495.4 1	JP_2011_Tohoku_44_NS	0.55 0	19495.4 1	PE_2015_24NOV_05_NS	4.00 0	537467.1 0
	16	JP_2016_Kumamoto_05_EW	1.55 7	27389.8 8	JP_2011_Tohoku_37_NS	0.65 9	27745.3 0	PE_1974_09NOV_01_EW	2.67 2	42754.57	TW_1999_ChiChi_08_90	0.76 8	19547.5 3	TW_1999_ChiChi_08_90	0.76 8	19547.5 3	US_1987_WhittierNarrows_02_0	0.79 0	145479.8 4
	17	US_2005_Anza_01_360	3.48 4	27691.3 6	JP_2009_Shizuoca_02_EW	1.21 9	28431.3 9	PE_2001_07JUL_02_EW	2.62 9	38133.43	US_1989_Loma Prieta_06_0	1.18 2	19691.3 2	US_1989_Loma Prieta_06_0	1.18 2	19691.3 2	US_1987_WhittierNarrows_02_90	0.70 8	110692.0 1
	18	JP_2011_Tohoku_37_NS	0.65 9	27745.3 0	CH_2010_Maule_03_Trans	1.09 5	28458.3 5	US_1989_Loma Prieta_05_195	2.75 2	33808.43	JP_2004_14DEC_EW	0.48 3	19978.3 1	JP_2004_14DEC_EW	0.48 3	19978.3 1	US_1989_Loma Prieta_05_195	2.51 5	29626.05
	19	JP_2009_Shizuoca_02_EW	1.21 9	28431.3 9	US_1994_Northridge_02_90	1.11 6	28486.9 2	US_1992_Big Bear_270	0.93 0	77307.39	US_1994_Northridge_01_90	1.69 7	20075.2 2	US_1994_Northridge_01_90	1.69 7	20075.2 2	US_1991_Petrolia_90	0.97 0	30430.70
	20	CH_2010_Maule_03_Trans	1.09 5	28458.3 5	JP_2000_Tottori_05_NS	0.59 7	28529.4 3	US_1994_Northridge_02_360	1.16 9	45442.19	TW_1999_ChiChi_08_360	1.12 1	20110.7 0	TW_1999_ChiChi_08_360	1.12 1	20110.7 0	US_1992_Big Bear_270	0.85 8	73605.79
RMS E	1	PE_1974_03OCT_EW	2.09 5	107.69	PE_1974_03OCT_EW	2.09 5	107.69	CH_2010_Maule_04_Transv	0.47 5	257.93	PE_1974_03OCT_EW	2.30 3	84.59	PE_1974_03OCT_EW	2.30 3	84.59	CH_2010_Maule_03_Long	0.89 5	193.08
	2	JP_2004_Chuetstu_07_EW	0.81 0	108.98	JP_2004_Chuetstu_07_EW	0.81 0	108.98	CH_2014_Iquique_02_EW	2.84 3	147.36	JP_2004_Chuetstu_07_EW	0.80 5	108.74	JP_2004_Chuetstu_07_EW	0.80 5	108.74	CH_2010_Maule_03_Trans	0.96 3	136.97
	3	JP_2004_Chuetstu_05_EW	0.54 6	116.98	JP_2004_Chuetstu_07_NS	1.03 4	117.88	CH_2016_GO07_EW	1.14 1	239.77	JP_2004_Chuetstu_05_EW	0.58 0	109.81	JP_2004_Chuetstu_05_EW	0.58 0	109.81	CH_2010_Maule_06_Long	0.96 3	167.74
	4	JP_2004_Chuetstu_07_NS	1.03 4	117.88	CH_2010_Maule_04_Long	0.98 0	118.03	JP_2003_Hokkaido_01_EW	0.53 5	380.69	JP_2004_Chuetstu_07_NS	1.00 0	117.02	JP_2004_Chuetstu_07_NS	1.00 0	117.02	CH_2012_GO05_NS	3.81 8	192.32
	5	CH_2010_Maule_04_Long	0.98 0	118.03	JP_2011_Tohoku_55_EW	1.05 3	135.88	JP_2003_Hokkaido_01_NS	0.57 3	357.58	CH_2010_Maule_04_Long	0.99 3	117.68	CH_2010_Maule_04_Long	0.99 3	117.68	CH_2014_Iquique_02_EW	3.06 1	137.32
	6	JP_2011_Tohoku_55_EW	1.05 3	135.88	TW_1999_ChiChi_08_360	1.09 8	143.33	JP_2003_Hokkaido_03_NS	0.86 8	173.61	TW_1999_ChiChi_10_90	0.60 3	122.69	TW_1999_ChiChi_10_90	0.60 3	122.69	JP_2003_Hokkaido_12_EW	1.12 1	240.61
	7	TW_1999_ChiChi_08_360	1.09 8	143.33	JP_2003_Hokkaido_06_NS	0.98 7	145.70	JP_2003_Hokkaido_07_NS	0.96 9	248.54	JP_2011_Tohoku_55_EW	1.12 1	127.76	JP_2011_Tohoku_55_EW	1.12 1	127.76	JP_2009_Shizuoca_02_NS	1.39 4	212.85

	8	JP_2003_Hokkaido_06_NS	0.98 7	145.70	CH_2014_Iquique_02_EW	2.84 3	147.36	JP_2003_Hokkaido_09_NS	0.31 5	376.61	JP_2003_Hokkaido_06_NS	1.09 1	132.42	JP_2003_Hokkaido_06_NS	1.09 1	132.42	JP_2011_Tohoku_20_NS	2.18 2	298.59
	9	CH_2014_Iquique_02_EW	2.84 3	147.36	PE_1974_03OCT_NS	2.76 2	159.00	JP_2003_Hokkaido_12_EW	1.20 7	248.62	JP_2011_Tohoku_10_NS	0.64 0	136.27	JP_2011_Tohoku_10_NS	0.64 0	136.27	JP_2011_Tohoku_28_NS	0.59 5	185.44
	10	PE_1974_03OCT_NS	2.76 2	159.00	PE_2010_05MAY_02_NS	2.97 0	162.10	JP_2004_Chuetstu_03_NS	0.73 6	283.56	CH_2010_Maule_03_Trans	0.96 3	136.97	CH_2010_Maule_03_Trans	0.96 3	136.97	JP_2011_Tohoku_29_NS	0.40 0	370.12
	11	PE_2010_05MAY_02_NS	2.97 0	162.10	JP_2011_Miyagi_17_NS	0.63 2	162.19	JP_2009_Shizuoca_01_NS	0.73 9	325.81	CH_2014_Iquique_02_EW	3.06 1	137.32	CH_2014_Iquique_02_EW	3.06 1	137.32	JP_2011_Tohoku_35_NS	0.38 5	266.84
	12	JP_2011_Miyagi_17_NS	0.63 2	162.19	JP_2011_Tohoku_44_NS	0.48 6	162.60	JP_2011_Tohoku_10_NS	0.51 8	196.45	CH_2016_GO07_NS	1.27 3	138.11	CH_2016_GO07_NS	1.27 3	138.11	JP_2011_Tohoku_39_NS	0.44 5	225.89
	13	JP_2011_Tohoku_44_NS	0.48 6	162.60	JP_2011_Tohoku_59_EW	1.27 4	163.96	JP_2011_Tohoku_23_EW	0.66 9	293.29	PE_2005_25SET_02_EW	3.81 8	138.59	PE_2005_25SET_02_EW	3.81 8	138.59	PE_2011_24AGO_07_EW	4.00 0	694.78
	14	JP_2011_Tohoku_10_EW	0.62 4	162.70	JP_2016_Kumamoto_05_EW	1.55 7	165.50	JP_2011_Tohoku_50_EW	0.99 1	252.41	JP_2011_Tohoku_10_EW	0.55 8	139.48	JP_2011_Tohoku_10_EW	0.55 8	139.48	PE_2011_24AGO_07_NS	4.00 0	696.19
	15	JP_2011_Tohoku_59_EW	1.27 4	163.96	US_2005_Anza_01_360	3.48 4	166.41	JP_2021_Fukushima_05_NS	2.12 5	628.99	JP_2011_Tohoku_44_NS	0.55 0	139.63	JP_2011_Tohoku_44_NS	0.55 0	139.63	PE_2015_24NOV_05_NS	4.00 0	733.12
	16	JP_2016_Kumamoto_05_EW	1.55 7	165.50	JP_2011_Tohoku_37_NS	0.65 9	166.57	PE_1974_09NOV_01_EW	2.67 2	206.77	TW_1999_ChiChi_08_90	0.76 8	139.81	TW_1999_ChiChi_08_90	0.76 8	139.81	US_1987_WhittierNarrows_02_0	0.79 0	381.42
	17	US_2005_Anza_01_360	3.48 4	166.41	JP_2009_Shizuoca_02_EW	1.21 9	168.62	PE_2001_07JUL_02_EW	2.62 9	195.28	US_1989_Loma Prieta_06_0	1.18 2	140.33	US_1989_Loma Prieta_06_0	1.18 2	140.33	US_1987_WhittierNarrows_02_90	0.70 8	332.70
	18	JP_2011_Tohoku_37_NS	0.65 9	166.57	CH_2010_Maule_03_Trans	1.09 5	168.70	US_1989_Loma Prieta_05_195	2.75 2	183.87	JP_2004_14DEC_EW	0.48 3	141.34	JP_2004_14DEC_EW	0.48 3	141.34	US_1989_Loma Prieta_05_195	2.51 5	172.12
	19	JP_2009_Shizuoca_02_EW	1.21 9	168.62	US_1994_Northridge_02_90	1.11 6	168.78	US_1992_Big Bear_270	0.93 0	278.04	US_1994_Northridge_01_90	1.69 7	141.69	US_1994_Northridge_01_90	1.69 7	141.69	US_1991_Petrolia_90	0.97 0	174.44
	20	CH_2010_Maule_03_Trans	1.09 5	168.70	JP_2000_Tottori_05_NS	0.59 7	168.91	US_1994_Northridge_02_360	1.16 9	213.17	TW_1999_ChiChi_08_360	1.12 1	141.81	TW_1999_ChiChi_08_360	1.12 1	141.81	US_1992_Big Bear_270	0.85 8	271.30

REGISTROS SELECCIONADOS CASO Nmr T=0.24s - TSepu-tr-2475																			
Caso:		TSepu-tr-2475_NSp_Sbs			TSepu-tr-2475_NSp_Sci			TSepu-tr-2475_NSp_Ssr			TSepu-tr-2475_NSr_Sbs			TSepu-tr-2475_NSr_Sci			TSepu-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetstu_07_EW	1.02 1	107.82	JP_2004_Chuetstu_07_EW	1.02 1	107.82	CH_2014_Iquique_02_EW	3.58 1	163.38	PE_1974_03OCT_EW	3.03 0	92.80	PE_1974_03OCT_EW	3.03 0	92.80	CH_2010_Maule_01_Long	1.21 2	231.88
	2	JP_2004_Chuetstu_05_EW	0.68 8	120.39	CH_2010_Maule_04_Long	1.23 5	128.34	CH_2016_GO07_EW	1.43 7	265.47	JP_2004_Chuetstu_05_EW	0.74 5	101.25	JP_2004_Chuetstu_05_EW	0.74 5	101.25	CH_2010_Maule_02_Long	0.64 8	242.74
	3	CH_2010_Maule_04_Long	1.23 5	128.34	JP_2004_Chuetstu_07_NS	1.30 3	130.18	CH_2016_GO07_NS	1.28 6	217.09	JP_2004_Chuetstu_07_EW	1.06 1	104.47	JP_2004_Chuetstu_07_EW	1.06 1	104.47	CH_2010_Maule_04_Transv	0.82 8	186.08
	4	JP_2004_Chuetstu_07_NS	1.30 3	130.18	PE_1974_03OCT_EW	2.63 9	131.16	JP_2000_Tottori_01_EW	1.12 1	207.66	CH_2010_Maule_04_Long	1.27 3	126.78	CH_2010_Maule_04_Long	1.27 3	126.78	CH_2010_Maule_06_Transv	1.06 1	206.46
	5	PE_1974_03OCT_EW	2.63 9	131.16	CH_2010_Maule_03_Trans	1.38 0	148.12	JP_2009_Shizuoca_01_EW	0.76 1	435.25	JP_2011_Tohoku_55_EW	1.54 5	129.99	JP_2011_Tohoku_55_EW	1.54 5	129.99	CH_2015_Coquimbo_02_NS	0.98 5	318.05
	6	JP_2011_Tohoku_10_EW	0.78 6	146.68	JP_2011_Miyagi_17_NS	0.79 7	151.08	JP_2011_Tohoku_03_NS	0.85 4	324.64	JP_2003_Hokkaido_06_NS	1.42 4	130.10	JP_2003_Hokkaido_06_NS	1.42 4	130.10	JP_2000_Tottori_01_NS	0.89 5	309.71
	7	CH_2010_Maule_03_Trans	1.38 0	148.12	JP_2009_Shizuoca_02_EW	1.53 5	153.20	JP_2011_Tohoku_10_NS	0.65 2	237.86	JP_2004_Chuetstu_07_NS	1.30 3	130.17	JP_2004_Chuetstu_07_NS	1.30 3	130.17	JP_2003_Hokkaido_07_NS	1.66 7	211.05
	8	JP_2011_Miyagi_17_NS	0.79 7	151.08	JP_2011_Tohoku_55_EW	1.32 6	157.73	JP_2011_Tohoku_13_EW	1.02 8	201.87	CH_2016_GO07_NS	1.66 7	132.35	CH_2016_GO07_NS	1.66 7	132.35	JP_2003_Hokkaido_14_EW	1.24 2	261.28
	9	JP_2009_Shizuoca_02_EW	1.53 5	153.20	US_1989_Loma Prieta_06_0	1.71 3	159.29	JP_2011_Tohoku_23_EW	0.84 3	321.06	US_1994_Northridge_01_90	2.12 1	133.51	US_1994_Northridge_01_90	2.12 1	133.51	JP_2011_16APR_02_EW	1.18 2	350.82
	10	JP_2011_Tohoku_55_EW	1.32 6	157.73	TW_1999_ChiChi_08_90	1.10 5	159.97	JP_2011_Tohoku_39_EW	0.64 4	245.12	CH_2010_Maule_03_Trans	1.30 3	134.83	CH_2010_Maule_03_Trans	1.30 3	134.83	JP_2011_Tohoku_08_EW	0.89 5	317.23
	11	US_1989_Loma Prieta_06_0	1.71 3	159.29	JP_2003_Hokkaido_06_NS	1.24 3	162.63	JP_2011_Tohoku_45_EW	0.93 5	213.68	JP_2011_Tohoku_10_EW	0.73 8	139.09	JP_2011_Tohoku_10_EW	0.73 8	139.09	JP_2011_Tohoku_28_EW	1.21 2	201.33
	12	TW_1999_ChiChi_08_90	1.10 5	159.97	CH_2014_Iquique_02_EW	3.58 1	163.38	JP_2011_Tohoku_48_EW	0.75 0	384.60	TW_1999_ChiChi_10_90	0.82 0	139.66	TW_1999_ChiChi_10_90	0.82 0	139.66	JP_2011_Tohoku_28_NS	0.73 8	215.70
	13	JP_2003_Hokkaido_06_NS	1.24 3	162.63	JP_2011_Miyagi_11_EW	0.79 1	163.69	JP_2021_Fukushima_05_EW	1.43 7	252.13	JP_2011_Miyagi_17_NS	0.86 5	141.69	JP_2011_Miyagi_17_NS	0.86 5	141.69	JP_2011_Tohoku_38_NS	1.30 3	187.16
	14	CH_2014_Iquique_02_EW	3.58 1	163.38	JP_2016_Kumamoto_05_EW	1.96 1	164.60	JP_2021_Fukushima_07_NS	1.07 2	280.89	TW_1999_ChiChi_08_90	0.97 8	142.95	TW_1999_ChiChi_08_90	0.97 8	142.95	JP_2011_Tohoku_44_EW	0.76 8	231.27
	15	JP_2011_Miyagi_11_EW	0.79 1	163.69	TW_1999_ChiChi_08_360	1.38 4	164.95	PE_1974_09NOV_01_EW	3.36 5	227.67	JP_2011_Tohoku_50_NS	1.03 0	143.26	JP_2011_Tohoku_50_NS	1.03 0	143.26	JP_2011_Tohoku_54_NS	1.15 2	281.76
	16	JP_2016_Kumamoto_05_EW	1.96 1	164.60	US_1989_Loma Prieta_05_195	3.46 7	165.27	PE_2001_07JUL_02_EW	3.31 1	210.32	US_1989_Loma Prieta_06_0	1.51 5	144.09	US_1989_Loma Prieta_06_0	1.51 5	144.09	JP_2018_Hokkaido_02_EW	1.12 1	191.30
	17	TW_1999_ChiChi_08_360	1.38 4	164.95	US_1986_North Palm Springs_0	1.52 8	169.60	TW_1999_ChiChi_09_360	0.61 1	336.67	JP_2011_Miyagi_11_EW	0.71 5	144.37	JP_2011_Miyagi_11_EW	0.71 5	144.37	PE_1970_31MAY_EW	4.00 0	272.02
	18	US_1989_Loma Prieta_05_195	3.46 7	165.27	JP_2011_Tohoku_59_EW	1.60 4	170.62	US_1986_North Palm Springs_90	1.99 5	204.71	JP_2011_Tohoku_09_NS	1.33 3	145.95	JP_2011_Tohoku_09_NS	1.33 3	145.95	PE_2005_13JUN_02_EW	4.00 0	272.47
	19	US_1986_North Palm Springs_0	1.52 8	169.60	US_1994_Northridge_02_90	1.40 6	171.52	US_1992_Big Bear_360	0.88 5	348.12	JP_2011_Tohoku_32_NS	1.33 3	146.73	JP_2011_Tohoku_32_NS	1.33 3	146.73	TW_1999_ChiChi_08_90	0.97 8	142.95
	20	JP_2011_Tohoku_59_EW	1.60 4	170.62	JP_2011_Tohoku_19_EW	1.29 9	175.14	US_1994_Northridge_03_90	0.65 1	254.41	CH_2014_Iquique_02_EW	4.00 0	147.76	CH_2014_Iquique_02_EW	4.00 0	147.76	US_1986_North Palm Springs_90	1.78 8	200.16

MAP E	1	JP_2004_Chuetasu_07_EW	1.02 1	15.67	JP_2004_Chuetasu_07_EW	1.02 1	15.67	CH_2014_Iquique_02_EW	3.58 1	20.61	JP_2011_Tohoku_55_EW	1.54 5	14.38	JP_2011_Tohoku_55_EW	1.54 5	14.38	CH_2010_Maule_04_Transv	0.84 3	24.85
	2	JP_2004_Chuetasu_07_NS	1.30 3	16.79	JP_2004_Chuetasu_07_NS	1.30 3	16.79	CH_2016_GO07_EW	1.43 7	32.09	PE_1974_03OCT_EW	3.09 1	14.44	PE_1974_03OCT_EW	3.09 1	14.44	CH_2012_GO05_EW	3.39 4	24.98
	3	JP_2011_Tohoku_19_EW	1.29 9	17.39	JP_2011_Tohoku_19_EW	1.29 9	17.39	CH_2016_GO07_NS	1.28 6	27.96	JP_2004_Chuetasu_07_EW	1.09 1	14.62	JP_2004_Chuetasu_07_EW	1.09 1	14.62	CH_2015_Coquimbo_02_NS	0.99 3	43.45
	4	JP_2016_Kumamoto_05_EW	1.96 1	18.90	JP_2016_Kumamoto_05_EW	1.96 1	18.90	JP_2000_Tottori_01_EW	1.12 1	29.22	JP_2011_Tohoku_55_NS	1.18 2	16.13	JP_2011_Tohoku_55_NS	1.18 2	16.13	JP_2000_Tottori_01_EW	1.06 1	29.15
	5	CH_2010_Maule_03_Trans	1.38 0	18.94	CH_2010_Maule_03_Trans	1.38 0	18.94	JP_2009_Shizuoca_01_EW	0.76 1	59.11	JP_2004_Chuetasu_07_NS	1.36 4	16.17	JP_2004_Chuetasu_07_NS	1.36 4	16.17	JP_2003_Hokkaido_14_EW	1.48 5	29.54
	6	JP_2011_Tohoku_55_EW	1.32 6	19.00	JP_2011_Tohoku_55_EW	1.32 6	19.00	JP_2011_Tohoku_03_NS	0.85 4	42.42	US_1989_Loma Prieta_06_0	1.39 4	16.20	US_1989_Loma Prieta_06_0	1.39 4	16.20	JP_2003_Hokkaido_14_NS	1.69 7	21.66
	7	US_1986_North Palm Springs_0	1.52 8	19.47	US_1986_North Palm Springs_0	1.52 8	19.47	JP_2011_Tohoku_10_NS	0.65 2	32.03	JP_2003_Hokkaido_06_NS	1.45 5	16.53	JP_2003_Hokkaido_06_NS	1.45 5	16.53	JP_2011_16APR_02_EW	1.21 2	49.17
	8	JP_2009_Shizuoca_02_EW	1.53 5	19.59	JP_2009_Shizuoca_02_EW	1.53 5	19.59	JP_2011_Tohoku_13_EW	1.02 8	29.72	JP_2011_Tohoku_09_EW	1.18 2	16.74	JP_2011_Tohoku_09_EW	1.18 2	16.74	JP_2011_Miyagi_16_EW	1.33 3	23.56
	9	TW_1999_ChiChi_08_90	1.10 5	19.77	TW_1999_ChiChi_08_90	1.10 5	19.77	JP_2011_Tohoku_23_EW	0.84 3	39.59	US_1994_Northridge_01_90	2.27 3	16.87	US_1994_Northridge_01_90	2.27 3	16.87	JP_2011_Tohoku_08_EW	0.91 0	40.66
	10	PE_1974_03OCT_EW	2.63 9	19.95	PE_1974_03OCT_EW	2.63 9	19.95	JP_2011_Tohoku_39_EW	0.64 4	35.82	CH_2010_Maule_03_Trans	1.24 2	16.90	CH_2010_Maule_03_Trans	1.24 2	16.90	JP_2011_Tohoku_28_EW	1.21 2	23.18
	11	CH_2010_Maule_04_Long	1.23 5	20.45	CH_2010_Maule_04_Long	1.23 5	20.45	JP_2011_Tohoku_45_EW	0.93 5	26.82	CH_2014_Iquique_02_EW	4.00 0	16.99	CH_2014_Iquique_02_EW	4.00 0	16.99	JP_2011_Tohoku_29_EW	0.87 3	45.74
	12	JP_2011_Miyagi_17_NS	0.79 7	20.56	JP_2011_Miyagi_17_NS	0.79 7	20.56	JP_2011_Tohoku_48_EW	0.75 0	51.06	JP_2011_Tohoku_09_NS	1.33 3	17.13	JP_2011_Tohoku_09_NS	1.33 3	17.13	JP_2011_Tohoku_36_NS	0.87 3	26.68
	13	CH_2014_Iquique_02_EW	3.58 1	20.61	CH_2014_Iquique_02_EW	3.58 1	20.61	JP_2021_Fukushima_05_EW	1.43 7	30.02	JP_2011_Tohoku_19_EW	1.33 3	17.34	JP_2011_Tohoku_19_EW	1.33 3	17.34	JP_2011_Tohoku_44_EW	0.77 5	30.48
	14	JP_2011_Tohoku_10_EW	0.78 6	20.69	US_1994_Northridge_02_90	1.40 6	20.78	JP_2021_Fukushima_07_NS	1.07 2	40.61	JP_2011_Tohoku_50_NS	1.03 0	17.57	JP_2011_Tohoku_50_NS	1.03 0	17.57	JP_2011_Tohoku_54_NS	1.15 2	28.07
	15	US_1994_Northridge_02_90	1.40 6	20.78	JP_2003_Hokkaido_03_EW	0.79 1	20.80	PE_1974_09NOV_01_EW	3.36 5	29.81	JP_2011_Tohoku_32_NS	1.33 3	18.40	JP_2011_Tohoku_32_NS	1.33 3	18.40	JP_2018_Hokkaido_02_EW	1.12 1	23.90
	16	JP_2003_Hokkaido_03_EW	0.79 1	20.80	JP_2003_Hokkaido_06_NS	1.24 3	20.85	PE_2001_07JUL_02_EW	3.31 1	26.93	TW_1999_ChiChi_08_90	1.03 0	18.57	TW_1999_ChiChi_08_90	1.03 0	18.57	JP_2021_Fukushima_05_EW	1.45 5	30.03
	17	JP_2003_Hokkaido_06_NS	1.24 3	20.85	US_1989_Loma Prieta_03_90	1.53 9	21.16	TW_1999_ChiChi_09_360	0.61 1	46.55	TW_1999_ChiChi_10_90	0.82 8	18.74	TW_1999_ChiChi_10_90	0.82 8	18.74	PE_1970_31MAY_EW	4.00 0	37.81
	18	US_1989_Loma Prieta_06_90	1.90 8	21.10	JP_2011_Tohoku_59_EW	1.60 4	21.21	US_1986_North Palm Springs_90	1.99 5	27.31	CH_2016_GO07_NS	1.66 7	18.75	CH_2016_GO07_NS	1.66 7	18.75	PE_2005_13JUN_02_EW	4.00 0	36.91
	19	JP_2011_Tohoku_22_EW	1.49 3	21.10	JP_2011_Miyagi_11_EW	0.79 1	21.45	US_1992_Big Bear_360	0.88 5	47.55	JP_2016_Kumamoto_05_EW	2.00 0	18.85	JP_2016_Kumamoto_05_EW	2.00 0	18.85	TW_1999_ChiChi_08_90	1.03 0	18.57
	20	US_1989_Loma Prieta_03_90	1.53 9	21.16	US_1994_Northridge_02_360	1.47 2	21.53	US_1994_Northridge_03_90	0.65 1	29.31	JP_2011_Miyagi_17_NS	0.87 3	18.88	JP_2011_Miyagi_17_NS	0.87 3	18.88	US_1989_Loma Prieta_05_195	3.24 2	22.22
MSE	1	JP_2004_Chuetasu_07_EW	1.02 1	20297.4 1	JP_2004_Chuetasu_07_EW	1.02 1	20297.4 1	CH_2014_Iquique_02_EW	3.58 1	39717.34	PE_1974_03OCT_EW	2.93 9	12628.5 8	PE_1974_03OCT_EW	2.93 9	12628.5 8	CH_2010_Maule_01_Long	1.15 2	98725.64
	2	PE_1974_03OCT_EW	2.63 9	22222.3 2	PE_1974_03OCT_EW	2.63 9	22222.3 2	CH_2016_GO07_EW	1.43 7	99842.37	JP_2004_Chuetasu_05_EW	0.73 8	18528.0 7	JP_2004_Chuetasu_05_EW	0.73 8	18528.0 7	CH_2010_Maule_02_Long	0.67 8	105359.4 3
	3	JP_2004_Chuetasu_05_EW	0.68 8	22862.4 8	JP_2004_Chuetasu_07_NS	1.30 3	25450.8 9	CH_2016_GO07_NS	1.28 6	67258.00	JP_2004_Chuetasu_07_EW	1.03 0	20304.4 5	JP_2004_Chuetasu_07_EW	1.03 0	20304.4 5	CH_2010_Maule_06_Transv	1.06 1	63951.63
	4	JP_2004_Chuetasu_07_NS	1.30 3	25450.8 9	CH_2010_Maule_04_Long	1.23 5	25661.6 1	JP_2000_Tottori_01_EW	1.12 1	61092.58	CH_2010_Maule_04_Long	1.27 3	25064.8 9	CH_2010_Maule_04_Long	1.27 3	25064.8 9	CH_2012_GO05_NS	4.00 0	93509.58
	5	CH_2010_Maule_04_Long	1.23 5	25661.6 1	JP_2011_Tohoku_55_EW	1.32 6	37138.0 5	JP_2009_Shizuoca_01_EW	0.76 1	244425.4 3	JP_2004_Chuetasu_07_NS	1.30 3	25453.0 6	JP_2004_Chuetasu_07_NS	1.30 3	25453.0 6	CH_2014_Iquique_01_EW	1.06 1	62288.11
	6	JP_2011_Tohoku_55_EW	1.32 6	37138.0 5	TW_1999_ChiChi_08_360	1.38 4	38610.4 7	JP_2011_Tohoku_03_NS	0.85 4	128705.3 2	TW_1999_ChiChi_10_90	0.76 8	28300.0 8	TW_1999_ChiChi_10_90	0.76 8	28300.0 8	JP_2000_Tottori_01_EW	1.03 0	52670.91
	7	TW_1999_ChiChi_08_360	1.38 4	38610.4 7	JP_2003_Hokkaido_06_NS	1.24 3	39439.7 1	JP_2011_Tohoku_10_NS	0.65 2	71082.56	CH_2010_Maule_03_Trans	1.24 2	29329.7 5	CH_2010_Maule_03_Trans	1.24 2	29329.7 5	JP_2003_Hokkaido_07_EW	1.42 4	54916.90
	8	JP_2003_Hokkaido_06_NS	1.24 3	39439.7 1	CH_2014_Iquique_02_EW	3.58 1	39717.3 4	JP_2011_Tohoku_13_EW	1.02 8	57717.83	CH_2016_GO07_NS	1.63 6	29640.5 4	CH_2016_GO07_NS	1.63 6	29640.5 4	JP_2003_Hokkaido_08_NS	0.63 3	102870.7 8
	9	CH_2014_Iquique_02_EW	3.58 1	39717.3 4	JP_2011_Miyagi_11_EW	0.79 1	40252.9 6	JP_2011_Tohoku_23_EW	0.84 3	147202.3 5	US_1989_Loma Prieta_06_0	1.51 5	30714.9 2	US_1989_Loma Prieta_06_0	1.51 5	30714.9 2	JP_2003_Hokkaido_14_EW	1.18 2	91217.42
	10	JP_2011_Miyagi_11_EW	0.79 1	40252.9 6	CH_2010_Maule_03_Trans	1.38 0	41162.0 3	JP_2011_Tohoku_39_EW	0.64 4	85392.78	JP_2003_Hokkaido_06_NS	1.36 4	31384.2 0	JP_2003_Hokkaido_06_NS	1.36 4	31384.2 0	JP_2011_Tohoku_20_NS	2.78 8	143913.5 7
	11	CH_2010_Maule_03_Trans	1.38 0	41162.0 3	JP_2009_Shizuoca_02_EW	1.53 5	42868.9 5	JP_2011_Tohoku_45_EW	0.93 5	74933.45	US_1994_Northridge_01_90	2.15 2	32059.2 0	US_1994_Northridge_01_90	2.15 2	32059.2 0	JP_2011_Tohoku_28_EW	1.12 1	59208.92
	12	JP_2011_Tohoku_10_EW	0.78 6	42334.7 9	US_1989_Loma Prieta_06_0	1.71 3	42981.0 9	JP_2011_Tohoku_48_EW	0.75 0	179329.0 3	JP_2011_Tohoku_55_EW	1.42 4	32316.1 8	JP_2011_Tohoku_55_EW	1.42 4	32316.1 8	JP_2011_Tohoku_50_EW	1.03 0	54038.72
	13	JP_2009_Shizuoca_02_EW	1.53 5	42868.9 5	JP_2016_Kumamoto_05_EW	1.96 1	43759.4 0	JP_2021_Fukushima_05_EW	1.43 7	119996.6 2	TW_1999_ChiChi_08_90	0.98 5	32489.0 8	TW_1999_ChiChi_08_90	0.98 5	32489.0 8	JP_2011_Tohoku_55_EW	1.42 4	32316.18
	14	US_1989_Loma Prieta_06_0	1.71 3	42981.0 9	JP_2011_Miyagi_17_NS	0.79 7	43846.9 9	JP_2021_Fukushima_07_NS	1.07 2	99716.12	CH_2014_Iquique_02_EW	3.90 9	33251.6 9	CH_2014_Iquique_02_EW	3.90 9	33251.6 9	JP_2011_Tohoku_55_NS	1.15 2	47970.99
	15	JP_2016_Kumamoto_05_EW	1.96 1	43759.4 0	TW_1999_ChiChi_08_90	1.10 5	45982.5 1	PE_1974_09NOV_01_EW	3.36 5	78690.97	JP_2011_Tohoku_10_EW	0.71 5	33817.9 6	JP_2011_Tohoku_10_EW	0.71 5	33817.9 6	JP_2011_Tohoku_59_NS	1.36 4	141563.4 9
	16	JP_2011_Miyagi_17_NS	0.79 7	43846.9 9	JP_2011_Tohoku_59_EW	1.60 4	46540.5 5	PE_2001_07JUL_02_EW	3.31 1	68201.79	JP_2011_Tohoku_44_NS	0.70 0	34516.8 2	JP_2011_Tohoku_44_NS	0.70 0	34516.8 2	JP_2021_Fukushima_05_EW	1.39 4	119151.2 1
	17	TW_1999_ChiChi_08_90	1.10 5	45982.5 1	US_1994_Northridge_02_90	1.40 6	47586.8 7	TW_1999_ChiChi_09_360	0.61 1	146562.9 8	JP_2011_Tohoku_32_NS	1.21 2	34897.5 8	JP_2011_Tohoku_32_NS	1.21 2	34897.5 8	PE_1970_31MAY_EW	4.00 0	97432.73
	18	JP_2011_Tohoku_59_EW	1.60 4	46540.5 5	PE_1974_03OCT_NS	3.47 9	47825.7 4	US_1986_North Palm Springs_90	1.99 5	55681.65	JP_2011_Tohoku_10_NS	0.82 0	34903.8 5	JP_2011_Tohoku_10_NS	0.82 0	34903.8 5	PE_2005_13JUN_02_EW	4.00 0	93530.48
	19	US_1994_Northridge_02_90	1.40 6	47586.8 7	JP_2011_Tohoku_44_NS	0.61 2	48414.7 0	US_1992_Big Bear_360	0.88 5	157444.9 6	JP_2011_Miyagi_11_EW	0.73 8	35733.0 7	JP_2011_Miyagi_11_EW	0.73 8	35733.0 7	US_1987_WhittierNarrows_02_0	1.00 0	249511.4 2

	20	PE_1974_03OCT_NS	3.479	47825.74	PE_2010_05MAY_02_NS	3.742	49388.74	US_1994_Northridge_03_90	0.651	99129.41	TW_1999_ChiChi_08_360	1.455	37039.94	TW_1999_ChiChi_08_360	1.455	37039.94	US_1989_Loma Prieta_05_195	3.242	47291.48
RMS E	1	JP_2004_Chuetstu_07_EW	1.021	142.47	JP_2004_Chuetstu_07_EW	1.021	142.47	CH_2014_Iquique_02_EW	3.581	199.29	PE_1974_03OCT_EW	2.939	112.38	PE_1974_03OCT_EW	2.939	112.38	CH_2010_Maule_01_Long	1.152	314.21
	2	PE_1974_03OCT_EW	2.639	149.07	PE_1974_03OCT_EW	2.639	149.07	CH_2016_GO07_EW	1.437	315.98	JP_2004_Chuetstu_05_EW	0.738	136.12	JP_2004_Chuetstu_05_EW	0.738	136.12	CH_2010_Maule_02_Long	0.678	324.59
	3	JP_2004_Chuetstu_05_EW	0.688	151.20	JP_2004_Chuetstu_07_NS	1.303	159.53	CH_2016_GO07_NS	1.286	259.34	JP_2004_Chuetstu_07_EW	1.030	142.49	JP_2004_Chuetstu_07_EW	1.030	142.49	CH_2010_Maule_06_Transv	1.061	252.89
	4	JP_2004_Chuetstu_07_NS	1.303	159.53	CH_2010_Maule_04_Long	1.235	160.19	JP_2000_Tottori_01_EW	1.121	247.17	CH_2010_Maule_04_Long	1.273	158.32	CH_2010_Maule_04_Long	1.273	158.32	CH_2012_GO05_NS	4.000	305.79
	5	CH_2010_Maule_04_Long	1.235	160.19	JP_2011_Tohoku_55_EW	1.326	192.71	JP_2009_Shizuoca_01_EW	0.761	494.39	JP_2004_Chuetstu_07_NS	1.303	159.54	JP_2004_Chuetstu_07_NS	1.303	159.54	CH_2014_Iquique_01_EW	1.061	249.58
	6	JP_2011_Tohoku_55_EW	1.326	192.71	TW_1999_ChiChi_08_360	1.384	196.50	JP_2011_Tohoku_03_NS	0.854	358.76	TW_1999_ChiChi_10_90	0.768	168.23	TW_1999_ChiChi_10_90	0.768	168.23	JP_2000_Tottori_01_EW	1.030	229.50
	7	TW_1999_ChiChi_08_360	1.384	196.50	JP_2003_Hokkaido_06_NS	1.243	198.59	JP_2011_Tohoku_10_NS	0.652	266.61	CH_2010_Maule_03_Trans	1.242	171.26	CH_2010_Maule_03_Trans	1.242	171.26	JP_2003_Hokkaido_07_EW	1.424	234.34
	8	JP_2003_Hokkaido_06_NS	1.243	198.59	CH_2014_Iquique_02_EW	3.581	199.29	JP_2011_Tohoku_13_EW	1.028	240.25	CH_2016_GO07_NS	1.636	172.16	CH_2016_GO07_NS	1.636	172.16	JP_2003_Hokkaido_08_NS	0.633	320.73
	9	CH_2014_Iquique_02_EW	3.581	199.29	JP_2011_Miyagi_11_EW	0.791	200.63	JP_2011_Tohoku_23_EW	0.843	383.67	US_1989_Loma Prieta_06_0	1.515	175.26	US_1989_Loma Prieta_06_0	1.515	175.26	JP_2003_Hokkaido_14_EW	1.182	302.02
	10	JP_2011_Miyagi_11_EW	0.791	200.63	CH_2010_Maule_03_Trans	1.380	202.88	JP_2011_Tohoku_39_EW	0.644	292.22	JP_2003_Hokkaido_06_NS	1.364	177.16	JP_2003_Hokkaido_06_NS	1.364	177.16	JP_2011_Tohoku_20_NS	2.788	379.36
	11	CH_2010_Maule_03_Trans	1.380	202.88	JP_2009_Shizuoca_02_EW	1.535	207.05	JP_2011_Tohoku_45_EW	0.935	273.74	US_1994_Northridge_01_90	2.152	179.05	US_1994_Northridge_01_90	2.152	179.05	JP_2011_Tohoku_28_EW	1.121	243.33
	12	JP_2011_Tohoku_10_EW	0.786	205.75	US_1989_Loma Prieta_06_0	1.713	207.32	JP_2011_Tohoku_48_EW	0.750	423.47	JP_2011_Tohoku_55_EW	1.424	179.77	JP_2011_Tohoku_55_EW	1.424	179.77	JP_2011_Tohoku_50_EW	1.030	232.46
	13	JP_2009_Shizuoca_02_EW	1.535	207.05	JP_2016_Kumamoto_05_EW	1.961	209.19	JP_2021_Fukushima_05_EW	1.437	346.41	TW_1999_ChiChi_08_90	0.985	180.25	TW_1999_ChiChi_08_90	0.985	180.25	JP_2011_Tohoku_55_EW	1.424	179.77
	14	US_1989_Loma Prieta_06_0	1.713	207.32	JP_2011_Miyagi_17_NS	0.797	209.40	JP_2021_Fukushima_07_NS	1.072	315.78	CH_2014_Iquique_02_EW	3.909	182.35	CH_2014_Iquique_02_EW	3.909	182.35	JP_2011_Tohoku_55_NS	1.152	219.02
	15	JP_2016_Kumamoto_05_EW	1.961	209.19	TW_1999_ChiChi_08_90	1.105	214.44	PE_1974_09NOV_01_EW	3.365	280.52	JP_2011_Tohoku_10_EW	0.715	183.90	JP_2011_Tohoku_10_EW	0.715	183.90	JP_2011_Tohoku_59_NS	1.364	376.25
	16	JP_2011_Miyagi_17_NS	0.797	209.40	JP_2011_Tohoku_59_EW	1.604	215.73	PE_2001_07JUL_02_EW	3.311	261.15	JP_2011_Tohoku_44_NS	0.700	185.79	JP_2011_Tohoku_44_NS	0.700	185.79	JP_2021_Fukushima_05_EW	1.394	345.18
	17	TW_1999_ChiChi_08_90	1.105	214.44	US_1994_Northridge_02_90	1.406	218.14	TW_1999_ChiChi_09_360	0.611	382.84	JP_2011_Tohoku_32_NS	1.212	186.81	JP_2011_Tohoku_32_NS	1.212	186.81	PE_1970_31MAY_EW	4.000	312.14
	18	JP_2011_Tohoku_59_EW	1.604	215.73	PE_1974_03OCT_NS	3.479	218.69	US_1986_North Palm Springs_90	1.995	235.97	JP_2011_Tohoku_10_NS	0.820	186.83	JP_2011_Tohoku_10_NS	0.820	186.83	PE_2005_13JUN_02_EW	4.000	305.83
	19	US_1994_Northridge_02_90	1.406	218.14	JP_2011_Tohoku_44_NS	0.612	220.03	US_1992_Big Bear_360	0.885	396.79	JP_2011_Miyagi_11_EW	0.738	189.03	JP_2011_Miyagi_11_EW	0.738	189.03	US_1987_WhittierNarrows_02_0	1.000	499.51
	20	PE_1974_03OCT_NS	3.479	218.69	PE_2010_05MAY_02_NS	3.742	222.24	US_1994_Northridge_03_90	0.651	314.85	TW_1999_ChiChi_08_360	1.455	192.46	TW_1999_ChiChi_08_360	1.455	192.46	US_1989_Loma Prieta_05_195	3.242	217.47

REGISTROS SELECCIONADOS CASO Nmr T=0.32s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetstu_07_NS	1.056	80.34	JP_2004_Chuetstu_07_NS	1.056	80.34	JP_2003_Hokkaido_03_NS	0.821	129.43	JP_2004_Chuetstu_07_NS	1.182	66.20	JP_2004_Chuetstu_07_NS	1.182	66.20	CH_2010_Maule_04_Long	1.091	111.94
	2	PE_1974_03OCT_EW	2.415	89.79	PE_1974_03OCT_EW	2.415	89.79	JP_2003_Miyagi_01_EW	0.488	258.37	JP_2004_Chuetstu_07_EW	0.925	74.45	JP_2004_Chuetstu_07_EW	0.925	74.45	CH_2016_GO07_NS	1.303	139.65
	3	JP_2011_Tohoku_55_EW	1.417	95.82	JP_2011_Tohoku_55_EW	1.417	95.82	JP_2003_Miyagi_10_EW	0.936	160.08	JP_2011_Tohoku_55_EW	1.303	79.50	JP_2011_Tohoku_55_EW	1.303	79.50	JP_2000_Tottori_01_EW	0.940	163.87
	4	CH_2014_Iquique_02_EW	3.955	103.20	CH_2014_Iquique_02_EW	3.955	103.20	JP_2004_Chuetstu_03_EW	0.829	236.49	PE_1974_03OCT_EW	2.545	84.27	PE_1974_03OCT_EW	2.545	84.27	JP_2009_Shizuoca_03_EW	1.485	160.91
	5	TW_1999_ChiChi_10_90	0.741	106.31	TW_1999_ChiChi_10_90	0.741	106.31	JP_2011_15MAR_NS	0.715	153.80	CH_2014_Iquique_02_EW	3.455	86.22	CH_2014_Iquique_02_EW	3.455	86.22	JP_2011_15MAR_NS	0.760	152.87
	6	US_1986_North Palm Springs_0	1.349	106.34	US_1986_North Palm Springs_0	1.349	106.34	JP_2011_Tohoku_03_EW	0.798	196.07	JP_2003_Hokkaido_06_NS	1.212	94.07	JP_2003_Hokkaido_06_NS	1.212	94.07	JP_2011_Miyagi_04_EW	1.061	188.31
	7	TW_1999_ChiChi_08_90	0.852	109.05	TW_1999_ChiChi_08_90	0.852	109.05	JP_2011_Tohoku_11_EW	0.572	272.85	JP_2011_Tohoku_01_NS	0.753	104.32	JP_2011_Tohoku_01_NS	0.753	104.32	JP_2011_Tohoku_10_NS	0.715	125.09
	8	JP_2011_Tohoku_44_NS	0.620	111.86	JP_2011_Tohoku_44_NS	0.620	111.86	JP_2011_Tohoku_17_NS	0.700	137.98	US_1986_North Palm Springs_0	1.333	106.02	US_1986_North Palm Springs_0	1.333	106.02	JP_2011_Tohoku_19_EW	1.121	138.28
	9	JP_2004_Chuetstu_06_EW	0.644	111.95	JP_2004_Chuetstu_06_EW	0.644	111.95	JP_2011_Tohoku_44_EW	0.637	162.82	PE_2001_07JUL_02_EW	3.424	106.25	PE_2001_07JUL_02_EW	3.424	106.25	JP_2011_Tohoku_26_EW	0.970	171.80
	10	CH_2010_Maule_04_Long	1.104	112.05	CH_2010_Maule_04_Long	1.104	112.05	JP_2011_Tohoku_53_EW	0.300	259.86	TW_1999_ChiChi_10_90	0.745	106.42	TW_1999_ChiChi_10_90	0.745	106.42	JP_2011_Tohoku_29_EW	0.693	238.30
	11	TW_1999_ChiChi_08_360	1.307	113.33	TW_1999_ChiChi_08_360	1.307	113.33	JP_2011_Tohoku_54_NS	1.140	209.59	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2011_Tohoku_45_EW	0.895	142.62
	12	JP_2003_Hokkaido_03_EW	0.714	113.36	JP_2003_Hokkaido_03_EW	0.714	113.36	JP_2016_Kumamoto_04_NS	0.738	225.66	TW_1999_ChiChi_08_360	1.212	108.08	TW_1999_ChiChi_08_360	1.212	108.08	JP_2011_Tohoku_54_NS	0.835	174.90

	13	JP_2003_Hokkaido_06_NS	1.351	114.21	JP_2003_Hokkaido_06_NS	1.351	114.21	JP_2021_Fukushima_01_EW	1.217	192.15	TW_1999_ChiChi_08_90	0.865	108.54	TW_1999_ChiChi_08_90	0.865	108.54	JP_2016_Kumamoto_05_EW	1.758	107.14
	14	JP_2011_Tohoku_09_EW	1.006	114.73	JP_2011_Tohoku_09_EW	1.006	114.73	JP_2021_Fukushima_08_EW	0.747	217.07	JP_2004_Chuettsu_06_EW	0.618	110.19	JP_2004_Chuettsu_06_EW	0.618	110.19	JP_2021_Fukushima_05_EW	1.333	179.62
	15	US_1994_Northridge_02_90	1.379	116.28	US_1994_Northridge_02_90	1.379	116.28	TW_1999_ChiChi_10_90	0.741	106.31	JP_2011_Tohoku_44_NS	0.648	110.94	JP_2011_Tohoku_44_NS	0.648	110.94	PE_1970_31MAY_EW	4.000	162.70
	16	US_1994_Northridge_01_90	1.918	116.44	US_1994_Northridge_01_90	1.918	116.44	US_1986_North Palm Springs_90	1.455	154.53	JP_2011_Tohoku_59_EW	1.333	111.01	JP_2011_Tohoku_59_EW	1.333	111.01	PE_1974_09NOV_01_EW	3.545	151.67
	17	JP_2016_Kumamoto_05_EW	1.877	118.26	JP_2011_Tohoku_32_NS	0.961	118.81	US_1989_Loma Prieta_01_0	0.640	163.01	JP_2011_Tohoku_55_NS	0.963	111.62	JP_2011_Tohoku_55_NS	0.963	111.62	PE_2010_05MAY_01_NS	4.000	181.67
	18	JP_2011_Tohoku_32_NS	0.961	118.81	JP_2011_Miyagi_17_NS	0.767	121.86	US_1989_Loma Prieta_02_0	1.011	208.60	CH_2010_Maule_04_Long	1.091	111.94	CH_2010_Maule_04_Long	1.091	111.94	PE_2012_14MAY_NS	4.000	257.21
	19	US_1989_Loma Prieta_06_90	1.537	119.90	PE_2005_25SET_02_EW	3.835	124.82	US_1989_Loma Prieta_02_90	0.759	223.03	JP_2011_Tohoku_32_NS	1.061	111.97	JP_2011_Tohoku_32_NS	1.061	111.97	TW_1999_ChiChi_08_90	0.865	108.54
	20	JP_2011_Miyagi_17_NS	0.767	121.86	JP_2011_Tohoku_10_NS	0.706	125.29	US_1991_SierraMadre_0	0.785	214.82	JP_2003_Hokkaido_03_EW	0.685	112.73	JP_2003_Hokkaido_03_EW	0.685	112.73	US_1994_Northridge_03_90	0.603	148.48
MAP E	1	JP_2011_Tohoku_55_EW	1.417	16.78	JP_2011_Tohoku_55_EW	1.417	16.78	JP_2003_Hokkaido_03_NS	0.821	21.29	JP_2011_Tohoku_55_EW	1.303	13.75	JP_2011_Tohoku_55_EW	1.303	13.75	CH_2016_GO07_NS	1.303	33.09
	2	CH_2014_Iquique_02_EW	3.955	17.18	CH_2014_Iquique_02_EW	3.955	17.18	JP_2003_Miyagi_01_EW	0.488	61.92	JP_2004_Chuettsu_07_NS	1.242	14.81	JP_2004_Chuettsu_07_NS	1.242	14.81	JP_2003_Hokkaido_03_NS	0.888	20.86
	3	JP_2011_Tohoku_09_EW	1.006	17.19	JP_2011_Tohoku_09_EW	1.006	17.19	JP_2003_Miyagi_10_EW	0.936	36.74	CH_2014_Iquique_02_EW	3.515	15.03	CH_2014_Iquique_02_EW	3.515	15.03	JP_2003_Hokkaido_07_EW	1.061	35.78
	4	JP_2004_Chuettsu_07_NS	1.056	18.85	JP_2004_Chuettsu_07_NS	1.056	18.85	JP_2004_Chuettsu_03_EW	0.829	54.41	PE_2001_07JUL_02_EW	3.758	15.28	PE_2001_07JUL_02_EW	3.758	15.28	JP_2003_Hokkaido_07_NS	1.242	33.75
	5	US_1986_North Palm Springs_0	1.349	18.88	US_1986_North Palm Springs_0	1.349	18.88	JP_2011_15MAR_NS	0.715	39.76	JP_2011_Tohoku_09_EW	0.963	16.95	JP_2011_Tohoku_09_EW	0.963	16.95	JP_2011_15MAR_NS	0.835	38.37
	6	US_1994_Northridge_02_360	1.291	18.92	TW_1999_ChiChi_01_90	0.586	19.16	JP_2011_Tohoku_03_EW	0.798	43.79	JP_2016_Kumamoto_05_EW	1.636	17.14	JP_2016_Kumamoto_05_EW	1.636	17.14	JP_2011_Tohoku_10_NS	0.798	28.54
	7	TW_1999_ChiChi_01_90	0.586	19.16	JP_2003_Hokkaido_03_EW	0.714	19.19	JP_2011_Tohoku_11_EW	0.572	58.08	JP_2011_Tohoku_55_NS	0.888	17.87	JP_2011_Tohoku_55_NS	0.888	17.87	JP_2011_Tohoku_19_NS	1.091	23.79
	8	JP_2003_Hokkaido_03_EW	0.714	19.19	JP_2003_Hokkaido_11_NS	0.862	19.93	JP_2011_Tohoku_17_NS	0.700	28.53	JP_2011_Tohoku_22_EW	0.985	18.04	JP_2011_Tohoku_22_EW	0.985	18.04	JP_2011_Tohoku_28_EW	0.948	22.89
	9	JP_2003_Hokkaido_11_NS	0.862	19.93	JP_2003_Hokkaido_03_NS	0.821	21.29	JP_2011_Tohoku_44_EW	0.637	36.60	US_1994_Northridge_02_360	1.394	18.15	US_1994_Northridge_02_360	1.394	18.15	JP_2011_Tohoku_29_EW	0.850	52.49
	10	US_1989_Loma Prieta_03_90	1.064	21.24	US_1994_Northridge_02_90	1.379	21.87	JP_2011_Tohoku_53_EW	0.300	60.31	TW_1999_ChiChi_01_90	0.558	18.40	TW_1999_ChiChi_01_90	0.558	18.40	JP_2011_Tohoku_41_NS	1.121	44.07
	11	JP_2003_Hokkaido_03_NS	0.821	21.29	JP_2003_Hokkaido_06_NS	1.351	22.00	JP_2011_Tohoku_54_NS	1.140	32.36	JP_2011_Tohoku_01_NS	0.760	18.62	JP_2011_Tohoku_01_NS	0.760	18.62	JP_2011_Tohoku_42_NS	0.828	54.07
	12	US_1994_Northridge_02_90	1.379	21.87	TW_1999_ChiChi_10_90	0.741	22.16	JP_2016_Kumamoto_04_NS	0.738	52.68	US_1986_North Palm Springs_0	1.364	18.89	US_1986_North Palm Springs_0	1.364	18.89	JP_2011_Tohoku_45_EW	0.903	31.14
	13	JP_2003_Hokkaido_06_NS	1.351	22.00	JP_2003_Hokkaido_14_NS	1.289	22.17	JP_2021_Fukushima_01_EW	1.217	32.31	JP_2003_Hokkaido_03_EW	0.685	18.96	JP_2003_Hokkaido_03_EW	0.685	18.96	JP_2016_Kumamoto_06_NS	0.768	34.53
	14	TW_1999_ChiChi_10_90	0.741	22.16	TW_1999_ChiChi_08_360	1.307	23.03	JP_2021_Fukushima_08_EW	0.747	54.18	JP_2003_Hokkaido_11_NS	0.895	19.34	JP_2003_Hokkaido_11_NS	0.895	19.34	PE_1970_31MAY_EW	4.000	40.25
	15	JP_2003_Hokkaido_14_NS	1.289	22.17	JP_2011_Tohoku_23_EW	1.263	23.20	TW_1999_ChiChi_10_90	0.741	22.16	JP_2003_Hokkaido_06_NS	1.212	19.77	JP_2003_Hokkaido_06_NS	1.212	19.77	PE_1974_09NOV_01_EW	3.788	33.08
	16	JP_2016_Kumamoto_05_EW	1.877	22.87	JP_2004_Chuettsu_06_EW	0.644	23.79	US_1986_North Palm Springs_90	1.455	39.94	US_1989_Loma Prieta_03_90	0.963	20.07	US_1989_Loma Prieta_03_90	0.963	20.07	PE_2010_05MAY_01_NS	4.000	42.60
	17	TW_1999_ChiChi_08_360	1.307	23.03	TW_1999_ChiChi_08_90	0.852	23.97	US_1989_Loma Prieta_01_0	0.640	34.69	JP_2011_Tohoku_19_EW	1.182	20.09	JP_2011_Tohoku_19_EW	1.182	20.09	PE_2012_14MAY_NS	4.000	51.60
	18	JP_2011_Tohoku_23_EW	1.263	23.20	JP_2016_Kumamoto_06_EW	1.085	24.23	US_1989_Loma Prieta_02_0	1.011	50.08	US_1989_Loma Prieta_05_195	2.515	20.18	US_1989_Loma Prieta_05_195	2.515	20.18	US_1989_Loma Prieta_01_0	0.805	30.65
	19	US_1989_Loma Prieta_06_90	1.537	23.55	JP_2016_Kumamoto_01_EW	0.658	24.70	US_1989_Loma Prieta_02_90	0.759	49.04	JP_2003_Hokkaido_05_EW	1.455	20.41	JP_2003_Hokkaido_05_EW	1.455	20.41	US_1994_Northridge_01_90	2.061	25.07
	20	JP_2004_Chuettsu_06_EW	0.644	23.79	PE_1974_03OCT_EW	2.415	24.75	US_1991_SierraMadre_0	0.785	47.80	JP_2004_Chuettsu_07_EW	0.955	20.53	JP_2004_Chuettsu_07_EW	0.955	20.53	US_1994_Northridge_03_90	0.715	24.30
MSE	1	JP_2004_Chuettsu_07_NS	1.056	9082.25	JP_2004_Chuettsu_07_NS	1.056	9082.25	JP_2003_Hokkaido_03_NS	0.821	37815.04	JP_2004_Chuettsu_07_NS	1.152	6141.90	JP_2004_Chuettsu_07_NS	1.152	6141.90	CH_2010_Maule_04_Long	1.091	17546.38
	2	PE_1974_03OCT_EW	2.415	11367.96	PE_1974_03OCT_EW	2.415	11367.96	JP_2003_Miyagi_01_EW	0.488	87232.75	PE_1974_03OCT_EW	2.606	9305.64	PE_1974_03OCT_EW	2.606	9305.64	JP_2011_15MAR_NS	0.730	36288.87
	3	JP_2011_Tohoku_44_NS	0.620	16960.35	JP_2011_Tohoku_44_NS	0.620	16960.35	JP_2003_Miyagi_10_EW	0.936	41554.43	JP_2004_Chuettsu_07_EW	0.910	9378.42	JP_2004_Chuettsu_07_EW	0.910	9378.42	JP_2011_Miyagi_04_EW	1.061	46333.06
	4	CH_2010_Maule_04_Long	1.104	17477.85	CH_2010_Maule_04_Long	1.104	17477.85	JP_2004_Chuettsu_03_EW	0.829	81585.22	CH_2014_Iquique_02_EW	3.455	14621.07	CH_2014_Iquique_02_EW	3.455	14621.07	JP_2011_Miyagi_08_EW	1.424	57208.57
	5	TW_1999_ChiChi_08_90	0.852	22052.64	TW_1999_ChiChi_08_90	0.852	22052.64	JP_2011_15MAR_NS	0.715	36543.48	JP_2011_Tohoku_44_NS	0.625	16908.69	JP_2011_Tohoku_44_NS	0.625	16908.69	JP_2011_Miyagi_13_EW	0.880	47249.66
	6	TW_1999_ChiChi_08_360	1.307	22676.94	TW_1999_ChiChi_08_360	1.307	22676.94	JP_2011_Tohoku_03_EW	0.798	53507.75	CH_2010_Maule_04_Long	1.091	17546.38	CH_2010_Maule_04_Long	1.091	17546.38	JP_2011_Tohoku_19_EW	0.873	66173.30
	7	JP_2011_Tohoku_32_NS	0.961	23294.04	JP_2011_Tohoku_32_NS	0.961	23294.04	JP_2011_Tohoku_11_EW	0.572	104151.67	JP_2011_Tohoku_55_EW	1.242	18171.42	JP_2011_Tohoku_55_EW	1.242	18171.42	JP_2011_Tohoku_26_EW	0.873	47640.35
	8	JP_2004_Chuettsu_06_EW	0.644	23539.58	JP_2004_Chuettsu_06_EW	0.644	23539.58	JP_2011_Tohoku_17_NS	0.700	45938.41	TW_1999_ChiChi_10_90	0.670	18713.13	TW_1999_ChiChi_10_90	0.670	18713.13	JP_2011_Tohoku_29_EW	0.648	75598.05
	9	TW_1999_ChiChi_10_90	0.741	23846.54	TW_1999_ChiChi_10_90	0.741	23846.54	JP_2011_Tohoku_44_EW	0.637	35804.01	JP_2011_Tohoku_32_NS	1.061	18900.12	JP_2011_Tohoku_32_NS	1.061	18900.12	JP_2011_Tohoku_36_EW	0.678	57777.24
	10	US_1994_Northridge_01_90	1.918	24019.28	US_1994_Northridge_01_90	1.918	24019.28	JP_2011_Tohoku_53_EW	0.300	87605.34	JP_2011_Tohoku_01_NS	0.760	19349.56	JP_2011_Tohoku_01_NS	0.760	19349.56	JP_2011_Tohoku_45_EW	0.910	36073.70
	11	CH_2014_Iquique_02_EW	3.955	24289.69	CH_2014_Iquique_02_EW	3.955	24289.69	JP_2011_Tohoku_54_NS	1.140	188225.44	JP_2004_14DEC_EW	0.535	20298.45	JP_2004_14DEC_EW	0.535	20298.45	JP_2011_Tohoku_45_NS	0.595	74030.60

	12	JP_2011_Miyagi_17_NS	0.767	24700.16	JP_2011_Miyagi_17_NS	0.767	24700.16	JP_2016_Kumamoto_04_NS	0.738	66622.72	JP_2003_Hokkaido_06_NS	1.182	21048.78	JP_2003_Hokkaido_06_NS	1.182	21048.78	JP_2011_Tohoku_55_EW	1.242	18171.42
	13	US_2005_Anza_01_360	3.563	25154.14	US_2005_Anza_01_360	3.563	25154.14	JP_2021_Fukushima_01_EW	1.217	119856.13	TW_1999_ChiChi_08_360	1.242	21363.30	TW_1999_ChiChi_08_360	1.242	21363.30	JP_2016_Kumamoto_05_EW	1.727	24314.91
	14	JP_2011_Tohoku_10_NS	0.706	25767.52	JP_2011_Tohoku_10_NS	0.706	25767.52	JP_2021_Fukushima_08_EW	0.747	58746.93	PE_2010_05MAY_02_EW	4.000	21901.99	PE_2010_05MAY_02_EW	4.000	21901.99	PE_1970_31MAY_EW	4.000	35096.53
	15	US_1994_Northridge_02_90	1.379	26741.65	US_1994_Northridge_02_90	1.379	26741.65	TW_1999_ChiChi_10_90	0.741	23846.54	JP_2004_Chuetasu_06_EW	0.610	21916.30	JP_2004_Chuetasu_06_EW	0.610	21916.30	PE_1970_31MAY_NS	4.000	37384.50
	16	JP_2016_Kumamoto_05_EW	1.877	27166.02	JP_2011_Tohoku_55_EW	1.417	27484.37	US_1986_North Palm Springs_90	1.455	35013.06	TW_1999_ChiChi_08_90	0.850	22049.68	TW_1999_ChiChi_08_90	0.850	22049.68	PE_1974_09NOV_01_NS	4.000	53851.59
	17	JP_2004_Chuetasu_05_NS	0.507	27276.16	TW_1999_ChiChi_09_90	1.118	27850.02	US_1989_Loma Prieta_01_0	0.640	49121.07	JP_2011_Tohoku_50_NS	0.903	23896.35	JP_2011_Tohoku_50_NS	0.903	23896.35	PE_1974_09NOV_02_NS	4.000	130568.13
	18	JP_2011_Tohoku_55_EW	1.417	27484.37	PE_2010_05MAY_02_EW	3.695	28321.95	US_1989_Loma Prieta_02_0	1.011	58358.25	US_1994_Northridge_01_90	1.909	23993.20	US_1994_Northridge_01_90	1.909	23993.20	PE_2010_05MAY_01_NS	4.000	41103.94
	19	US_1989_Loma Prieta_06_90	1.537	27563.15	CH_2012_GO05_EW	2.924	28513.49	US_1989_Loma Prieta_02_90	0.759	63794.48	PE_2010_05MAY_02_NS	3.606	24276.12	PE_2010_05MAY_02_NS	3.606	24276.12	PE_2012_14MAY_NS	4.000	91050.82
	20	TW_1999_ChiChi_09_90	1.118	27850.02	JP_2011_Tohoku_10_EW	0.569	28856.72	US_1991_SierraMadre_0	0.785	70215.91	JP_2016_Kumamoto_05_EW	1.727	24314.91	JP_2016_Kumamoto_05_EW	1.727	24314.91	TW_1999_ChiChi_08_90	0.850	22049.68
RMS E	1	JP_2004_Chuetasu_07_NS	1.056	95.30	JP_2004_Chuetasu_07_NS	1.056	95.30	JP_2003_Hokkaido_03_NS	0.821	194.46	JP_2004_Chuetasu_07_NS	1.152	78.37	JP_2004_Chuetasu_07_NS	1.152	78.37	CH_2010_Maule_04_Long	1.091	132.46
	2	PE_1974_03OCT_EW	2.415	106.62	PE_1974_03OCT_EW	2.415	106.62	JP_2003_Miyagi_01_EW	0.488	295.35	PE_1974_03OCT_EW	2.606	96.47	PE_1974_03OCT_EW	2.606	96.47	JP_2011_15MAR_NS	0.730	190.50
	3	JP_2011_Tohoku_44_NS	0.620	130.23	JP_2011_Tohoku_44_NS	0.620	130.23	JP_2003_Miyagi_10_EW	0.936	203.85	JP_2004_Chuetasu_07_EW	0.910	96.84	JP_2004_Chuetasu_07_EW	0.910	96.84	JP_2011_Miyagi_04_EW	1.061	215.25
	4	CH_2010_Maule_04_Long	1.104	132.20	CH_2010_Maule_04_Long	1.104	132.20	JP_2004_Chuetasu_03_EW	0.829	285.63	CH_2014_Iquique_02_EW	3.455	120.92	CH_2014_Iquique_02_EW	3.455	120.92	JP_2011_Miyagi_08_EW	1.424	239.18
	5	TW_1999_ChiChi_08_90	0.852	148.50	TW_1999_ChiChi_08_90	0.852	148.50	JP_2011_15MAR_NS	0.715	191.16	JP_2011_Tohoku_44_NS	0.625	130.03	JP_2011_Tohoku_44_NS	0.625	130.03	JP_2011_Miyagi_13_EW	0.880	217.37
	6	TW_1999_ChiChi_08_360	1.307	150.59	TW_1999_ChiChi_08_360	1.307	150.59	JP_2011_Tohoku_03_EW	0.798	231.32	CH_2010_Maule_04_Long	1.091	132.46	CH_2010_Maule_04_Long	1.091	132.46	JP_2011_Tohoku_19_EW	0.873	257.24
	7	JP_2011_Tohoku_32_NS	0.961	152.62	JP_2011_Tohoku_32_NS	0.961	152.62	JP_2011_Tohoku_11_EW	0.572	322.73	JP_2011_Tohoku_55_EW	1.242	134.80	JP_2011_Tohoku_55_EW	1.242	134.80	JP_2011_Tohoku_26_EW	0.873	218.27
	8	JP_2004_Chuetasu_06_EW	0.644	153.43	JP_2004_Chuetasu_06_EW	0.644	153.43	JP_2011_Tohoku_17_NS	0.700	214.33	TW_1999_ChiChi_10_90	0.670	136.80	TW_1999_ChiChi_10_90	0.670	136.80	JP_2011_Tohoku_29_EW	0.648	274.95
	9	TW_1999_ChiChi_10_90	0.741	154.42	TW_1999_ChiChi_10_90	0.741	154.42	JP_2011_Tohoku_44_EW	0.637	189.22	JP_2011_Tohoku_32_NS	1.061	137.48	JP_2011_Tohoku_32_NS	1.061	137.48	JP_2011_Tohoku_36_EW	0.678	240.37
	10	US_1994_Northridge_01_90	1.918	154.98	US_1994_Northridge_01_90	1.918	154.98	JP_2011_Tohoku_53_EW	0.300	295.98	JP_2011_Tohoku_01_NS	0.760	139.10	JP_2011_Tohoku_01_NS	0.760	139.10	JP_2011_Tohoku_45_EW	0.910	189.93
	11	CH_2014_Iquique_02_EW	3.955	155.85	CH_2014_Iquique_02_EW	3.955	155.85	JP_2011_Tohoku_54_NS	1.140	433.85	JP_2004_14DEC_EW	0.535	142.47	JP_2004_14DEC_EW	0.535	142.47	JP_2011_Tohoku_45_NS	0.595	272.09
	12	JP_2011_Miyagi_17_NS	0.767	157.16	JP_2011_Miyagi_17_NS	0.767	157.16	JP_2016_Kumamoto_04_NS	0.738	258.11	JP_2003_Hokkaido_06_NS	1.182	145.08	JP_2003_Hokkaido_06_NS	1.182	145.08	JP_2011_Tohoku_55_EW	1.242	134.80
	13	US_2005_Anza_01_360	3.563	158.60	US_2005_Anza_01_360	3.563	158.60	JP_2021_Fukushima_01_EW	1.217	346.20	TW_1999_ChiChi_08_360	1.242	146.16	TW_1999_ChiChi_08_360	1.242	146.16	JP_2016_Kumamoto_05_EW	1.727	155.93
	14	JP_2011_Tohoku_10_NS	0.706	160.52	JP_2011_Tohoku_10_NS	0.706	160.52	JP_2021_Fukushima_08_EW	0.747	242.38	PE_2010_05MAY_02_EW	4.000	147.99	PE_2010_05MAY_02_EW	4.000	147.99	PE_1970_31MAY_EW	4.000	187.34
	15	US_1994_Northridge_02_90	1.379	163.53	US_1994_Northridge_02_90	1.379	163.53	TW_1999_ChiChi_10_90	0.741	154.42	JP_2004_Chuetasu_06_EW	0.610	148.04	JP_2004_Chuetasu_06_EW	0.610	148.04	PE_1970_31MAY_NS	4.000	193.35
	16	JP_2016_Kumamoto_05_EW	1.877	164.82	JP_2011_Tohoku_55_EW	1.417	165.78	US_1986_North Palm Springs_90	1.455	187.12	TW_1999_ChiChi_08_90	0.850	148.49	TW_1999_ChiChi_08_90	0.850	148.49	PE_1974_09NOV_01_NS	4.000	232.06
	17	JP_2004_Chuetasu_05_NS	0.507	165.15	TW_1999_ChiChi_09_90	1.118	166.88	US_1989_Loma Prieta_01_0	0.640	221.63	JP_2011_Tohoku_50_NS	0.903	154.58	JP_2011_Tohoku_50_NS	0.903	154.58	PE_1974_09NOV_02_NS	4.000	361.34
	18	JP_2011_Tohoku_55_EW	1.417	165.78	PE_2010_05MAY_02_EW	3.695	168.29	US_1989_Loma Prieta_02_0	1.011	241.57	US_1994_Northridge_01_90	1.909	154.90	US_1994_Northridge_01_90	1.909	154.90	PE_2010_05MAY_01_NS	4.000	202.74
	19	US_1989_Loma Prieta_06_90	1.537	166.02	CH_2012_GO05_EW	2.924	168.86	US_1989_Loma Prieta_02_90	0.759	252.58	PE_2010_05MAY_02_NS	3.606	155.81	PE_2010_05MAY_02_NS	3.606	155.81	PE_2012_14MAY_NS	4.000	301.75
	20	TW_1999_ChiChi_09_90	1.118	166.88	JP_2011_Tohoku_10_EW	0.569	169.87	US_1991_SierraMadre_0	0.785	264.98	JP_2016_Kumamoto_05_EW	1.727	155.93	JP_2016_Kumamoto_05_EW	1.727	155.93	TW_1999_ChiChi_08_90	0.850	148.49

REGISTROS SELECCIONADOS CASO Nmr T=0.32s - TSemc-tr-475																			
Caso:		TSemc-tr-475_NSp_Sbs			TSemc-tr-475_NSp_Sci			TSemc-tr-475_NSp_Ssr			TSemc-tr-475_NSr_Sbs			TSemc-tr-475_NSr_Sci			TSemc-tr-475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2011_Miyagi_09_EW	0.407	37.85	JP_2011_Tohoku_03_NS	0.364	92.10	CH_2014_Iquique_02_EW	2.680	368.87	JP_2011_Fukushima_04_NS	0.250	33.01	JP_2011_Fukushima_04_NS	0.250	33.01	JP_1996_Nagano_NS	0.250	170.09
	2	US_1987_WhittierNarrows_02_0	0.354	39.97	JP_2004_27OCT_03_NS	0.382	93.23	JP_1997_Shizuoca_NS	1.054	200.91	JP_2011_Miyagi_09_EW	0.415	37.64	JP_2011_Miyagi_09_EW	0.415	37.64	PE_2005_25SET_03_EW	4.000	167.69
	3	US_1987_WhittierNarrows_02_90	0.322	47.96	JP_2004_29NOV_02_NS	0.542	99.78	JP_2003_Hokkaido_05_EW	0.735	194.49	JP_2009_Shizuoca_01_NS	0.325	38.25	JP_2009_Shizuoca_01_NS	0.325	38.25	PE_2005_25SET_03_NS	4.000	166.55
	4	JP_2009_Shizuoca_01_NS	0.409	57.01	JP_2018_Hokkaido_03_NS	0.344	100.53	JP_2003_Hokkaido_06_NS	0.916	354.93	US_1987_WhittierNarrows_02_0	0.333	39.46	US_1987_WhittierNarrows_02_0	0.333	39.46	PE_2007_PISCO_05_EW	4.000	155.99

	5	JP_2011_Miyagi_09_NS	0.45 2	59.05	JP_2018_Osake_EW	0.32 9	101.71	JP_2004_Chuetstu_06_EW	0.43 6	326.72	JP_2011_Miyagi_09_NS	0.38 5	46.28	JP_2011_Miyagi_09_NS	0.38 5	46.28	PE_2007_PISCO_05_NS	4.00 0	139.94
	6	JP_2011_Tohoku_56_NS	0.25 0	61.64	TW_1999_ChiChi_09_360	0.32 0	104.92	JP_2011_15MAR_NS	0.48 4	255.39	US_1987_WhittierNarrows_02_9 0	0.31 0	46.96	US_1987_WhittierNarrows_02_9 0	0.31 0	46.96	PE_2011_24AGO_01_NS	4.00 0	169.24
	7	JP_2011_12APR_NS	0.47 0	61.64	US_1992_Big Bear_270	0.49 8	115.91	JP_2011_Tohoku_03_NS	0.36 4	92.10	JP_2018_Hokkaido_03_NS	0.25 0	50.30	JP_2018_Hokkaido_03_NS	0.25 0	50.30	PE_2011_24AGO_02_EW	4.00 0	166.91
	8	JP_2011_Tohoku_31_NS	0.39 6	64.23	US_1994_Northridge_03_90	0.29 9	118.22	JP_2011_Tohoku_11_EW	0.38 8	106.99	JP_2011_12APR_EW	0.33 3	50.38	JP_2011_12APR_EW	0.33 3	50.38	PE_2011_24AGO_02_NS	4.00 0	163.98
	9	JP_2011_Fukushima_04_NS	0.34 4	64.24	JP_2011_12APR_EW	0.57 5	122.35	JP_2011_Tohoku_13_NS	0.48 1	224.65	JP_2011_Tohoku_31_NS	0.32 5	53.20	JP_2011_Tohoku_31_NS	0.32 5	53.20	PE_2011_24AGO_05_NS	4.00 0	163.89
	10	JP_2009_Shizuoca_01_EW	0.42 3	69.77	JP_2004_Chuetstu_04_EW	0.30 5	127.01	JP_2011_Tohoku_17_NS	0.47 4	217.03	JP_2003_Hokkaido_01_NS	0.28 8	53.83	JP_2003_Hokkaido_01_NS	0.28 8	53.83	PE_2011_24AGO_06_NS	4.00 0	163.85
	11	US_1992_Big Bear_360	0.37 4	75.34	JP_2003_Hokkaido_01_NS	0.50 1	128.89	JP_2011_Tohoku_19_EW	0.93 0	485.29	US_1992_Big Bear_360	0.31 0	55.20	US_1992_Big Bear_360	0.31 0	55.20	PE_2011_24AGO_07_EW	4.00 0	161.21
	12	JP_2016_14APR_NS	0.63 5	88.52	JP_2003_Hokkaido_12_EW	0.63 4	129.55	JP_2011_Tohoku_29_EW	0.47 1	248.81	JP_2003_Hokkaido_01_EW	0.26 5	55.37	JP_2003_Hokkaido_01_EW	0.26 5	55.37	PE_2011_24AGO_07_NS	4.00 0	161.72
	13	JP_2021_Fukushima_07_EW	0.53 3	88.68	JP_2011_Tohoku_26_NS	0.42 9	131.41	JP_2011_Tohoku_42_NS	0.50 6	209.91	JP_2009_Shizuoca_01_EW	0.32 5	57.49	JP_2009_Shizuoca_01_EW	0.32 5	57.49	PE_2015_24NOV_01_EW	4.00 0	195.37
	14	JP_2011_Tohoku_03_NS	0.36 4	92.10	JP_2011_Tohoku_41_EW	0.35 2	132.57	JP_2011_Tohoku_44_EW	0.43 2	218.03	JP_2011_Tohoku_03_NS	0.25 0	57.66	JP_2011_Tohoku_03_NS	0.25 0	57.66	PE_2015_24NOV_01_NS	4.00 0	195.49
	15	JP_2004_27OCT_03_NS	0.38 2	93.23	JP_2011_Tohoku_48_NS	0.60 8	137.79	JP_2011_Tohoku_44_NS	0.42 0	291.46	JP_2011_12APR_NS	0.42 3	58.65	JP_2011_12APR_NS	0.42 3	58.65	PE_2015_24NOV_02_EW	4.00 0	196.02
	16	JP_2011_Tohoku_45_NS	0.27 1	98.52	US_1991_SierraMadre_0	0.53 2	140.99	JP_2018_Hokkaido_02_EW	0.59 4	228.30	TW_1999_ChiChi_09_360	0.25 0	59.88	TW_1999_ChiChi_09_360	0.25 0	59.88	PE_2015_24NOV_02_NS	4.00 0	196.14
	17	JP_2004_29NOV_02_NS	0.54 2	99.78	JP_2003_Hokkaido_01_EW	0.53 8	144.43	JP_2018_Hokkaido_03_EW	0.40 6	203.65	JP_2011_Tohoku_56_NS	0.25 0	61.63	JP_2011_Tohoku_56_NS	0.25 0	61.63	PE_2015_24NOV_03_EW	4.00 0	193.43
	18	JP_2018_Hokkaido_03_NS	0.34 4	100.53	JP_2011_Tohoku_48_EW	0.50 7	147.15	JP_2021_Fukushima_05_E W	1.51 2	632.88	JP_2019_21FEB_NS	0.28 0	62.92	JP_2019_21FEB_NS	0.28 0	62.92	PE_2015_24NOV_04_EW	4.00 0	179.09
	19	JP_2016_Kumamoto_02_EW	0.50 9	100.96	JP_2004_Chuetstu_03_EW	0.56 2	148.26	JP_2021_Fukushima_10_E W	0.81 7	212.88	JP_2011_Tohoku_48_EW	0.27 3	63.23	JP_2011_Tohoku_48_EW	0.27 3	63.23	PE_2015_24NOV_05_NS	4.00 0	192.83
	20	JP_2019_21FEB_NS	0.45 2	101.12	JP_2021_Fukushima_07_NS	0.50 3	148.94	PE_2012_14MAY_NS	3.23 8	158.80	JP_2004_29NOV_02_NS	0.41 5	63.79	JP_2004_29NOV_02_NS	0.41 5	63.79	US_1994_Northridge_02_360	0.43 0	110.32
MAP E	1	US_1987_WhittierNarrows_02_0	0.35 4	55.72	JP_2013_25FEB_NS	0.25 3	244.54	CH_2014_Iquique_02_EW	2.68 0	1428.87	US_1987_WhittierNarrows_02_0	0.25 0	45.06	US_1987_WhittierNarrows_02_0	0.25 0	45.06	CH_1995_Antofagasta_Trans v	0.28 0	78.88
	2	JP_2011_Miyagi_09_EW	0.40 7	79.17	JP_2003_Miyagi_03_EW	0.38 8	255.14	JP_1997_Shizuoca_NS	1.05 4	306.81	US_2005_Anza_02_360	0.25 0	56.82	US_2005_Anza_02_360	0.25 0	56.82	CH_2012_GO05_NS	0.25 0	89.80
	3	US_1987_WhittierNarrows_02_9 0	0.32 2	93.27	JP_2011_Tohoku_41_EW	0.35 2	256.67	JP_2003_Hokkaido_05_EW	0.73 5	934.14	JP_2011_Miyagi_09_EW	0.25 0	59.22	JP_2011_Miyagi_09_EW	0.25 0	59.22	CH_2014_PSGCX_EW	0.25 0	147.06
	4	JP_2009_Shizuoca_01_NS	0.40 9	127.31	JP_2011_Miyagi_15_NS	0.70 8	260.12	JP_2003_Hokkaido_06_NS	0.91 6	1053.72	US_2005_Anza_02_90	0.25 0	60.23	US_2005_Anza_02_90	0.25 0	60.23	JP_1996_Nagano_NS	0.25 0	165.28
	5	JP_2009_Shizuoca_01_EW	0.42 3	128.44	JP_2011_16APR_02_EW	0.75 1	268.63	JP_2004_Chuetstu_06_EW	0.43 6	1060.43	US_1991_SierraMadre_90	0.34 8	61.89	US_1991_SierraMadre_90	0.34 8	61.89	PE_1974_05ENE_02_NS	0.51 3	70.97
	6	JP_2011_Miyagi_09_NS	0.45 2	128.94	JP_2021_Fukushima_07_NS	0.50 3	273.97	JP_2011_15MAR_NS	0.48 4	523.73	PE_2005_13JUN_05_NS	0.60 3	62.08	PE_2005_13JUN_05_NS	0.60 3	62.08	PE_1974_09NOV_02_NS	0.25 0	97.98
	7	JP_2021_Fukushima_07_EW	0.53 3	140.53	JP_2004_Chuetstu_04_EW	0.30 5	277.09	JP_2011_Tohoku_03_NS	0.36 4	316.61	JP_2021_Fukushima_06_NS	0.25 0	63.05	JP_2021_Fukushima_06_NS	0.25 0	63.05	PE_2001_07JUL_01_NS	0.25 0	242.52
	8	US_1992_Big Bear_360	0.37 4	169.70	JP_2011_Tohoku_06_NS	0.42 0	279.26	JP_2011_Tohoku_11_EW	0.38 8	352.65	JP_2021_Fukushima_07_EW	0.25 0	64.15	JP_2021_Fukushima_07_EW	0.25 0	64.15	PE_2005_25SET_03_EW	2.06 1	76.10
	9	JP_2011_12APR_NS	0.47 0	185.14	JP_2004_29NOV_02_NS	0.54 2	288.15	JP_2011_Tohoku_13_NS	0.48 1	503.98	PE_1974_05ENE_01_NS	0.31 0	64.79	CH_2015_Coquimbo_02_EW	0.25 0	66.66	PE_2007_PISCO_03_NS	0.25 0	98.45
	10	JP_2003_Miyagi_01_NS	0.38 1	185.68	JP_2011_Miyagi_01_NS	0.33 5	290.47	JP_2011_Tohoku_17_NS	0.47 4	785.40	CH_2015_Coquimbo_02_EW	0.25 0	66.66	US_2005_Anza_01_90	0.25 0	67.26	PE_2007_PISCO_04_NS	0.25 0	98.45
	11	JP_2011_19MAR_01_NS	0.64 7	186.67	TW_1999_ChiChi_09_360	0.32 0	299.40	JP_2011_Tohoku_19_EW	0.93 0	1629.05	US_2005_Anza_01_90	0.25 0	67.26	PE_2011_24AGO_04_NS	1.93 9	67.78	PE_2007_PISCO_05_EW	0.27 3	90.89
	12	JP_2003_Miyagi_01_EW	0.33 1	210.40	US_1992_Big Bear_270	0.49 8	303.94	JP_2011_Tohoku_29_EW	0.47 1	471.83	PE_2011_24AGO_04_NS	1.93 9	67.78	JP_2004_25OCT_EW	0.29 5	67.94	PE_2007_PISCO_05_NS	0.25 8	93.29
	13	JP_2011_Tohoku_31_NS	0.39 6	218.27	JP_2004_Chuetstu_03_EW	0.56 2	305.29	JP_2011_Tohoku_42_NS	0.50 6	347.22	JP_2004_25OCT_EW	0.29 5	67.94	PE_2005_13JUN_03_NS	0.34 0	68.33	PE_2011_24AGO_02_EW	0.43 8	88.70
	14	JP_2011_Tohoku_25_EW	0.46 3	233.04	JP_1997_Shizuoca_NS	1.05 4	306.81	JP_2011_Tohoku_44_EW	0.43 2	720.89	PE_2005_13JUN_03_NS	0.34 0	68.33	US_1987_WhittierNarrows_02_9 0	0.25 0	69.24	PE_2011_24AGO_07_NS	0.34 0	90.64
	15	JP_2011_Tohoku_56_NS	0.25 0	233.12	JP_2011_Tohoku_53_NS	0.29 8	315.60	JP_2011_Tohoku_44_NS	0.42 0	932.36	US_1987_WhittierNarrows_02_9 0	0.25 0	69.24	PE_2005_13JUN_03_EW	0.33 3	69.68	PE_2012_14MAY_NS	0.25 0	94.42
	16	JP_2011_Fukushima_01_EW	1.04 6	233.27	JP_2011_Tohoku_03_NS	0.36 4	316.61	JP_2018_Hokkaido_02_EW	0.59 4	1105.13	PE_2005_13JUN_03_EW	0.33 3	69.68	PE_2001_07JUL_02_NS	0.25 0	70.42	PE_2015_24NOV_01_EW	4.00 0	97.96
	17	JP_2011_Fukushima_04_NS	0.34 4	234.77	JP_2009_Shizuoca_03_NS	0.79 1	317.54	JP_2018_Hokkaido_03_EW	0.40 6	667.51	PE_2001_07JUL_02_NS	0.25 0	70.42	JP_2011_Tohoku_57_EW	0.25 0	70.63	PE_2015_24NOV_02_EW	4.00 0	98.22
	18	JP_2019_21FEB_NS	0.45 2	237.61	JP_2021_Fukushima_08_E W	0.50 6	321.62	JP_2021_Fukushima_05_E W	1.51 2	1404.00	JP_2011_Tohoku_57_EW	0.25 0	70.63	JP_2011_Fukushima_01_EW	0.25 0	70.96	PE_2015_24NOV_03_EW	4.00 0	96.72
	19	JP_2011_Tohoku_35_EW	0.25 8	238.65	JP_2011_Tohoku_48_EW	0.50 7	324.50	JP_2021_Fukushima_10_E W	0.81 7	473.26	PE_2005_25SET_03_NS	3.33 3	70.69	JP_1997_Shizuoca_NS	0.25 0	70.96	PE_2015_24NOV_04_EW	4.00 0	80.54
	20	JP_2013_25FEB_NS	0.25 3	244.54	JP_2011_12APR_EW	0.57 5	326.13	PE_2012_14MAY_NS	3.23 8	639.16	PE_2005_25SET_01_NS	2.30 3	70.72	PE_1974_05ENE_02_NS	0.51 3	70.97	TW_1999_ChiChi_02_90	0.25 0	179.99
MSE	1	JP_2011_Miyagi_09_EW	0.40 7	3389.50	JP_2011_Tohoku_03_NS	0.36 4	12346.4 1	CH_2014_Iquique_02_EW	2.68 0	191063.8 3	JP_2011_Fukushima_04_NS	0.26 5	2721.7 2	JP_2011_Fukushima_04_NS	0.26 5	2721.7 2	CH_2010_Maule_01_Long	0.28 8	31893.1 2
	2	US_1987_WhittierNarrows_02_0	0.35 4	3439.91	JP_2004_27OCT_03_NS	0.38 2	14691.0 2	JP_1997_Shizuoca_NS	1.05 4	94958.52	JP_2009_Shizuoca_01_NS	0.34 0	3211.2 6	JP_2009_Shizuoca_01_NS	0.34 0	3211.2 6	JP_1996_Nagano_NS	0.25 0	68503.8 6
	3	JP_2011_Tohoku_56_NS	0.25 0	5326.23	JP_2018_Hokkaido_03_NS	0.34 4	16268.9 0	JP_2003_Hokkaido_05_EW	0.73 5	49193.05	JP_2011_Miyagi_09_EW	0.41 5	3353.0 9	JP_2011_Miyagi_09_EW	0.41 5	3353.0 9	PE_2005_25SET_03_EW	4.00 0	68226.9 5

	4	US_1987_WhittierNarrows_02_90	0.322	5404.57	JP_2004_29NOV_02_NS	0.542	18579.37	JP_2003_Hokkaido_06_NS	0.916	170566.15	US_1987_WhittierNarrows_02_0	0.348	3419.67	US_1987_WhittierNarrows_02_0	0.348	3419.67	PE_2005_25SET_03_NS	4.000	68361.33
	5	JP_2009_Shizuoca_01_NS	0.409	6713.62	TW_1999_ChiChi_09_360	0.320	18646.61	JP_2004_Chuettsu_06_EW	0.436	137106.04	JP_2011_Miyagi_09_NS	0.363	4187.26	JP_2011_Miyagi_09_NS	0.363	4187.26	PE_2007_PISCO_05_EW	4.000	56929.03
	6	JP_2011_12APR_NS	0.470	7396.19	US_1994_Northridge_03_90	0.299	20138.78	JP_2011_15MAR_NS	0.484	96384.74	JP_2018_Hokkaido_03_NS	0.250	4352.12	JP_2018_Hokkaido_03_NS	0.250	4352.12	PE_2007_PISCO_05_NS	4.000	51803.06
	7	JP_2011_Miyagi_09_NS	0.452	8584.51	JP_2018_Osake_EW	0.329	23096.15	JP_2011_Tohoku_03_NS	0.364	12346.41	US_1987_WhittierNarrows_02_90	0.295	4760.17	US_1987_WhittierNarrows_02_90	0.295	4760.17	PE_2011_24AGO_01_NS	4.000	67059.42
	8	JP_2011_Fukushima_04_NS	0.344	9362.21	JP_2011_Tohoku_26_NS	0.429	23313.47	JP_2011_Tohoku_11_EW	0.388	17525.38	JP_2011_Tohoku_56_NS	0.250	5323.25	JP_2011_Tohoku_56_NS	0.250	5323.25	PE_2011_24AGO_02_EW	4.000	65095.03
	9	JP_2011_Tohoku_31_NS	0.396	9540.00	JP_2011_12APR_EW	0.575	23556.34	JP_2011_Tohoku_13_NS	0.481	86740.00	JP_2011_Tohoku_03_NS	0.280	5468.08	JP_2011_Tohoku_03_NS	0.280	5468.08	PE_2011_24AGO_02_NS	4.000	63580.43
	10	JP_2009_Shizuoca_01_EW	0.423	12092.35	JP_2003_Hokkaido_12_EW	0.634	26767.62	JP_2011_Tohoku_17_NS	0.474	60405.26	JP_2003_Hokkaido_01_NS	0.318	5622.46	JP_2003_Hokkaido_01_NS	0.318	5622.46	PE_2011_24AGO_05_NS	4.000	65047.69
	11	JP_2011_Tohoku_03_NS	0.364	12346.41	US_1989_Loma Prieta_04_0	0.374	29448.45	JP_2011_Tohoku_19_EW	0.930	406201.92	JP_2009_Shizuoca_01_EW	0.325	5740.78	JP_2009_Shizuoca_01_EW	0.325	5740.78	PE_2011_24AGO_07_EW	4.000	63102.77
	12	US_1992_Big Bear_360	0.374	13078.65	JP_2003_Hokkaido_01_NS	0.501	29740.83	JP_2011_Tohoku_29_EW	0.471	157641.11	JP_2011_Tohoku_31_NS	0.325	6208.02	JP_2011_Tohoku_31_NS	0.325	6208.02	PE_2011_24AGO_07_NS	4.000	62966.20
	13	JP_2019_21FEB_NS	0.452	14371.10	JP_2004_Chuettsu_04_EW	0.305	29771.91	JP_2011_Tohoku_42_NS	0.506	97826.76	JP_2011_12APR_EW	0.385	6441.32	JP_2011_12APR_EW	0.385	6441.32	PE_2015_24NOV_01_EW	4.000	79501.77
	14	JP_2004_27OCT_03_NS	0.382	14691.02	JP_2019_21FEB_EW	0.669	31674.32	JP_2011_Tohoku_44_EW	0.432	73206.76	JP_2011_12APR_NS	0.423	6497.59	JP_2011_12APR_NS	0.423	6497.59	PE_2015_24NOV_01_NS	4.000	79608.94
	15	JP_2018_Hokkaido_03_NS	0.344	16268.90	JP_2011_Tohoku_41_EW	0.352	31823.61	JP_2011_Tohoku_44_NS	0.420	114048.99	US_1992_Big Bear_360	0.288	6745.75	US_1992_Big Bear_360	0.288	6745.75	PE_2015_24NOV_02_EW	4.000	79954.96
	16	JP_2011_Tohoku_11_EW	0.388	17525.38	US_1991_SierraMadre_0	0.532	32764.23	JP_2018_Hokkaido_02_EW	0.594	68682.23	JP_2019_21FEB_NS	0.340	7028.15	JP_2019_21FEB_NS	0.340	7028.15	PE_2015_24NOV_02_NS	4.000	80014.60
	17	JP_2004_29NOV_02_NS	0.542	18579.37	JP_2004_Chuettsu_06_NS	0.272	33985.93	JP_2018_Hokkaido_03_EW	0.406	64041.40	TW_1999_ChiChi_09_360	0.250	7100.87	TW_1999_ChiChi_09_360	0.250	7100.87	PE_2015_24NOV_03_EW	4.000	78757.10
	18	TW_1999_ChiChi_09_360	0.320	18646.61	US_1992_Big Bear_270	0.498	33986.42	JP_2021_Fukushima_05_EW	1.512	613706.18	JP_2004_27OCT_03_NS	0.295	7879.93	JP_2004_27OCT_03_NS	0.295	7879.93	PE_2015_24NOV_04_EW	4.000	69883.28
	19	JP_2011_Tohoku_45_NS	0.271	19280.23	PE_1974_09NOV_01_EW	1.766	35610.72	JP_2021_Fukushima_10_EW	0.817	73733.63	JP_2003_Hokkaido_01_EW	0.325	8230.61	JP_2003_Hokkaido_01_EW	0.325	8230.61	PE_2015_24NOV_05_NS	4.000	78414.99
	20	JP_2016_14APR_NS	0.635	20128.47	JP_2011_Tohoku_48_EW	0.507	35677.26	PE_2012_14MAY_NS	3.238	45519.10	JP_2004_29NOV_02_NS	0.393	8303.44	JP_2004_29NOV_02_NS	0.393	8303.44	US_1994_Northridge_02_360	0.475	21236.04
RMS E	1	JP_2011_Miyagi_09_EW	0.407	58.22	JP_2011_Tohoku_03_NS	0.364	111.11	CH_2014_Iquique_02_EW	2.680	437.11	JP_2011_Fukushima_04_NS	0.265	52.17	JP_2011_Fukushima_04_NS	0.265	52.17	CH_2010_Maule_01_Long	0.288	178.59
	2	US_1987_WhittierNarrows_02_0	0.354	58.65	JP_2004_27OCT_03_NS	0.382	121.21	JP_1997_Shizuoca_NS	1.054	308.15	JP_2009_Shizuoca_01_NS	0.340	56.67	JP_2009_Shizuoca_01_NS	0.340	56.67	JP_1996_Nagano_NS	0.250	261.73
	3	JP_2011_Tohoku_56_NS	0.250	72.98	JP_2018_Hokkaido_03_NS	0.344	127.55	JP_2003_Hokkaido_05_EW	0.735	221.80	JP_2011_Miyagi_09_EW	0.415	57.91	JP_2011_Miyagi_09_EW	0.415	57.91	PE_2005_25SET_03_EW	4.000	261.20
	4	US_1987_WhittierNarrows_02_90	0.322	73.52	JP_2004_29NOV_02_NS	0.542	136.31	JP_2003_Hokkaido_06_NS	0.916	413.00	US_1987_WhittierNarrows_02_0	0.348	58.48	US_1987_WhittierNarrows_02_0	0.348	58.48	PE_2005_25SET_03_NS	4.000	261.46
	5	JP_2009_Shizuoca_01_NS	0.409	81.94	TW_1999_ChiChi_09_360	0.320	136.55	JP_2004_Chuettsu_06_EW	0.436	370.28	JP_2011_Miyagi_09_NS	0.363	64.71	JP_2011_Miyagi_09_NS	0.363	64.71	PE_2007_PISCO_05_EW	4.000	238.60
	6	JP_2011_12APR_NS	0.470	86.00	US_1994_Northridge_03_90	0.299	141.91	JP_2011_15MAR_NS	0.484	310.46	JP_2018_Hokkaido_03_NS	0.250	65.97	JP_2018_Hokkaido_03_NS	0.250	65.97	PE_2007_PISCO_05_NS	4.000	227.60
	7	JP_2011_Miyagi_09_NS	0.452	92.65	JP_2018_Osake_EW	0.329	151.97	JP_2011_Tohoku_03_NS	0.364	111.11	US_1987_WhittierNarrows_02_90	0.295	68.99	US_1987_WhittierNarrows_02_90	0.295	68.99	PE_2011_24AGO_01_NS	4.000	258.96
	8	JP_2011_Fukushima_04_NS	0.344	96.76	JP_2011_Tohoku_26_NS	0.429	152.69	JP_2011_Tohoku_11_EW	0.388	132.38	JP_2011_Tohoku_56_NS	0.250	72.96	JP_2011_Tohoku_56_NS	0.250	72.96	PE_2011_24AGO_02_EW	4.000	255.14
	9	JP_2011_Tohoku_31_NS	0.396	97.67	JP_2011_12APR_EW	0.575	153.48	JP_2011_Tohoku_13_NS	0.481	294.52	JP_2011_Tohoku_03_NS	0.280	73.95	JP_2011_Tohoku_03_NS	0.280	73.95	PE_2011_24AGO_02_NS	4.000	252.15
	10	JP_2009_Shizuoca_01_EW	0.423	109.97	JP_2003_Hokkaido_12_EW	0.634	163.61	JP_2011_Tohoku_17_NS	0.474	245.77	JP_2003_Hokkaido_01_NS	0.318	74.98	JP_2003_Hokkaido_01_NS	0.318	74.98	PE_2011_24AGO_05_NS	4.000	255.04
	11	JP_2011_Tohoku_03_NS	0.364	111.11	US_1989_Loma Prieta_04_0	0.374	171.61	JP_2011_Tohoku_19_EW	0.930	637.34	JP_2009_Shizuoca_01_EW	0.325	75.77	JP_2009_Shizuoca_01_EW	0.325	75.77	PE_2011_24AGO_07_EW	4.000	251.20
	12	US_1992_Big Bear_360	0.374	114.36	JP_2003_Hokkaido_01_NS	0.501	172.46	JP_2011_Tohoku_29_EW	0.471	397.04	JP_2011_Tohoku_31_NS	0.325	78.79	JP_2011_Tohoku_31_NS	0.325	78.79	PE_2011_24AGO_07_NS	4.000	250.93
	13	JP_2019_21FEB_NS	0.452	119.88	JP_2004_Chuettsu_04_EW	0.305	172.55	JP_2011_Tohoku_42_NS	0.506	312.77	JP_2011_12APR_EW	0.385	80.26	JP_2011_12APR_EW	0.385	80.26	PE_2015_24NOV_01_EW	4.000	281.96
	14	JP_2004_27OCT_03_NS	0.382	121.21	JP_2019_21FEB_EW	0.669	177.97	JP_2011_Tohoku_44_EW	0.432	270.57	JP_2011_12APR_NS	0.423	80.61	JP_2011_12APR_NS	0.423	80.61	PE_2015_24NOV_01_NS	4.000	282.15
	15	JP_2018_Hokkaido_03_NS	0.344	127.55	JP_2011_Tohoku_41_EW	0.352	178.39	JP_2011_Tohoku_44_NS	0.420	337.71	US_1992_Big Bear_360	0.288	82.13	US_1992_Big Bear_360	0.288	82.13	PE_2015_24NOV_02_EW	4.000	282.76
	16	JP_2011_Tohoku_11_EW	0.388	132.38	US_1991_SierraMadre_0	0.532	181.01	JP_2018_Hokkaido_02_EW	0.594	262.07	JP_2019_21FEB_NS	0.340	83.83	JP_2019_21FEB_NS	0.340	83.83	PE_2015_24NOV_02_NS	4.000	282.87
	17	JP_2004_29NOV_02_NS	0.542	136.31	JP_2004_Chuettsu_06_NS	0.272	184.35	JP_2018_Hokkaido_03_EW	0.406	253.06	TW_1999_ChiChi_09_360	0.250	84.27	TW_1999_ChiChi_09_360	0.250	84.27	PE_2015_24NOV_03_EW	4.000	280.64
	18	TW_1999_ChiChi_09_360	0.320	136.55	US_1992_Big Bear_270	0.498	184.35	JP_2021_Fukushima_05_EW	1.512	783.39	JP_2004_27OCT_03_NS	0.295	88.77	JP_2004_27OCT_03_NS	0.295	88.77	PE_2015_24NOV_04_EW	4.000	264.35
	19	JP_2011_Tohoku_45_NS	0.271	138.85	PE_1974_09NOV_01_EW	1.766	188.71	JP_2021_Fukushima_10_EW	0.817	271.54	JP_2003_Hokkaido_01_EW	0.325	90.72	JP_2003_Hokkaido_01_EW	0.325	90.72	PE_2015_24NOV_05_NS	4.000	280.03
	20	JP_2016_14APR_NS	0.635	141.87	JP_2011_Tohoku_48_EW	0.507	188.88	PE_2012_14MAY_NS	3.238	213.35	JP_2004_29NOV_02_NS	0.393	91.12	JP_2004_29NOV_02_NS	0.393	91.12	US_1994_Northridge_02_360	0.475	145.73

REGISTROS SELECCIONADOS CASO Nmr T=0.32s - TSemc-tr-975																			
Caso:		TSemc-tr-975_NSp_Sbs			TSemc-tr-975_NSp_Sci			TSemc-tr-975_NSp_Ssr			TSemc-tr-975_NSr_Sbs			TSemc-tr-975_NSr_Sci			TSemc-tr-975_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2011_Miyagi_09_EW	0.531	49.05	JP_2011_Tohoku_03_NS	0.475	128.65	JP_2000_Tottori_05_NS	0.688	424.00	JP_2011_Fukushima_04_NS	0.318	43.05	JP_2011_Fukushima_04_NS	0.318	43.05	JP_1996_Nagano_NS	0.280	215.72
	2	US_1987_WhittierNarrows_02_0	0.462	53.38	JP_2004_27OCT_03_NS	0.498	130.56	JP_2003_Hokkaido_03_EW	0.631	412.75	JP_2011_Miyagi_09_EW	0.535	49.45	JP_2011_Miyagi_09_EW	0.535	49.45	PE_2005_25SET_03_EW	4.000	215.23
	3	US_1987_WhittierNarrows_02_90	0.420	65.28	JP_2004_29NOV_02_NS	0.707	139.12	JP_2003_Hokkaido_07_NS	1.285	386.09	US_1987_WhittierNarrows_02_0	0.415	51.46	US_1987_WhittierNarrows_02_0	0.415	51.46	PE_2005_25SET_03_NS	4.000	213.82
	4	JP_2009_Shizuoca_01_NS	0.534	81.65	JP_2018_Hokkaido_03_NS	0.448	140.09	JP_2003_Miyagi_03_EW	0.506	225.51	JP_2009_Shizuoca_01_NS	0.408	52.45	JP_2009_Shizuoca_01_NS	0.408	52.45	PE_2007_PISCO_05_EW	4.000	206.64
	5	JP_2011_Miyagi_09_NS	0.590	82.19	JP_2018_Osake_EW	0.430	140.85	JP_2004_14DEC_NS	0.835	396.32	JP_2018_Hokkaido_03_NS	0.273	59.93	JP_2018_Hokkaido_03_NS	0.273	59.93	PE_2007_PISCO_05_NS	4.000	189.12
	6	JP_2011_12APR_NS	0.613	82.98	TW_1999_ChiChi_09_360	0.418	145.82	JP_2011_12APR_EW	0.751	168.56	JP_2011_Miyagi_09_NS	0.490	61.61	JP_2011_Miyagi_09_NS	0.490	61.61	PE_2011_24AGO_01_EW	4.000	219.94
	7	JP_2011_Tohoku_56_NS	0.326	86.17	US_1992_Big Bear_270	0.650	160.17	JP_2011_Fukushima_06_EW	0.836	267.61	US_1987_WhittierNarrows_02_90	0.400	62.17	US_1987_WhittierNarrows_02_90	0.400	62.17	PE_2011_24AGO_01_NS	4.000	220.41
	8	JP_2011_Tohoku_31_NS	0.516	90.95	US_1994_Northridge_03_90	0.390	161.15	JP_2011_Tohoku_11_EW	0.506	145.93	JP_2011_Tohoku_56_NS	0.258	65.21	JP_2011_Tohoku_56_NS	0.258	65.21	PE_2011_24AGO_02_EW	4.000	218.03
	9	JP_2011_Fukushima_04_NS	0.449	92.73	JP_2011_12APR_EW	0.751	168.56	JP_2011_Tohoku_17_NS	0.619	292.10	TW_1999_ChiChi_09_360	0.273	66.96	TW_1999_ChiChi_09_360	0.273	66.96	PE_2011_24AGO_02_NS	4.000	215.09
	10	JP_2009_Shizuoca_01_EW	0.552	95.87	JP_2004_Chuetstu_04_EW	0.398	174.64	JP_2011_Tohoku_53_EW	0.265	192.02	JP_2021_Miyagi_02_NS	0.250	67.19	JP_2021_Miyagi_02_NS	0.250	67.19	PE_2011_24AGO_05_NS	4.000	214.71
	11	US_1992_Big Bear_360	0.488	105.55	JP_2003_Hokkaido_01_NS	0.653	177.10	JP_2016_Kumamoto_04_NS	0.652	211.74	JP_2011_12APR_EW	0.415	67.93	JP_2011_12APR_EW	0.415	67.93	PE_2011_24AGO_06_NS	4.000	215.02
	12	JP_2016_14APR_NS	0.828	120.91	JP_2003_Hokkaido_12_EW	0.827	177.96	JP_2018_Hokkaido_04_EW	0.562	386.09	JP_2011_Tohoku_31_NS	0.393	70.69	JP_2011_Tohoku_31_NS	0.393	70.69	PE_2011_24AGO_07_EW	4.000	211.67
	13	JP_2003_Hokkaido_09_EW	0.263	121.95	JP_2011_Tohoku_26_NS	0.560	180.38	JP_2021_Fukushima_08_EW	0.660	244.18	JP_2003_Hokkaido_01_NS	0.363	71.41	JP_2003_Hokkaido_01_NS	0.363	71.41	PE_2011_24AGO_07_NS	4.000	212.16
	14	JP_2021_Fukushima_07_EW	0.696	124.20	JP_2011_Tohoku_41_EW	0.460	181.07	JP_2021_Fukushima_10_NS	0.727	234.84	JP_2003_Hokkaido_01_EW	0.333	73.17	JP_2003_Hokkaido_01_EW	0.333	73.17	PE_2015_24NOV_01_EW	4.000	246.57
	15	JP_2011_Tohoku_03_NS	0.475	128.65	JP_2011_Tohoku_48_NS	0.794	187.30	PE_1974_03OCT_NS	2.291	267.87	US_1992_Big Bear_360	0.400	74.20	US_1992_Big Bear_360	0.400	74.20	PE_2015_24NOV_01_NS	4.000	246.69
	16	JP_2004_27OCT_03_NS	0.498	130.56	US_1991_SierraMadre_0	0.694	192.89	PE_2010_05MAY_01_NS	4.000	314.15	JP_2009_Shizuoca_01_EW	0.385	75.31	JP_2009_Shizuoca_01_EW	0.385	75.31	PE_2015_24NOV_02_EW	4.000	247.21
	17	JP_2011_Tohoku_45_NS	0.353	134.79	JP_2003_Hokkaido_01_EW	0.702	197.38	US_1986_North Palm Springs_90	1.286	286.41	JP_2011_Tohoku_03_NS	0.295	75.86	JP_2011_Tohoku_03_NS	0.295	75.86	PE_2015_24NOV_02_NS	4.000	247.34
	18	JP_2016_Kumamoto_02_EW	0.664	138.06	JP_2011_Tohoku_48_EW	0.662	200.92	US_1989_Loma Prieta_02_0	0.894	233.78	JP_2004_Chuetstu_04_EW	0.250	76.62	JP_2004_Chuetstu_04_EW	0.250	76.62	PE_2015_24NOV_03_EW	4.000	244.63
	19	JP_2019_21FEB_NS	0.590	138.73	JP_2004_Chuetstu_03_EW	0.733	201.94	US_1989_Loma Prieta_02_90	0.672	230.88	JP_2011_12APR_NS	0.543	76.75	JP_2011_12APR_NS	0.543	76.75	PE_2015_24NOV_04_EW	4.000	230.29
	20	JP_2004_29NOV_02_NS	0.707	139.12	JP_2021_Fukushima_07_NS	0.657	203.26	US_1991_SierraMadre_0	0.694	192.89	JP_2011_Tohoku_48_EW	0.348	84.11	JP_2011_Tohoku_48_EW	0.348	84.11	PE_2015_24NOV_05_NS	4.000	244.03
MAP E	1	US_1987_WhittierNarrows_02_0	0.462	68.94	JP_2013_25FEB_NS	0.330	285.67	JP_2000_Tottori_05_NS	0.688	626.09	US_1987_WhittierNarrows_02_0	0.288	49.22	US_1987_WhittierNarrows_02_0	0.288	49.22	CH_1995_Antofagasta_Transv	0.318	80.30
	2	JP_2011_Miyagi_09_EW	0.531	95.15	JP_2003_Miyagi_03_EW	0.506	295.49	JP_2003_Hokkaido_03_EW	0.631	1758.87	US_2005_Anza_02_360	0.250	57.65	US_2005_Anza_02_360	0.250	57.65	CH_2012_GO05_NS	0.250	90.30
	3	US_1987_WhittierNarrows_02_90	0.420	112.72	JP_2011_Tohoku_41_EW	0.460	299.28	JP_2003_Hokkaido_07_NS	1.285	2417.36	US_2005_Anza_02_90	0.250	58.47	US_2005_Anza_02_90	0.250	58.47	CH_2014_PSGCX_EW	0.250	137.11
	4	JP_2009_Shizuoca_01_EW	0.552	152.19	JP_2011_Miyagi_15_NS	0.924	304.09	JP_2003_Miyagi_03_EW	0.506	295.49	JP_2021_Fukushima_06_NS	0.250	60.68	JP_2021_Fukushima_06_NS	0.250	60.68	JP_1996_Nagano_NS	0.250	153.88
	5	JP_2009_Shizuoca_01_NS	0.534	153.74	JP_2011_16APR_02_EW	0.979	311.46	JP_2004_14DEC_NS	0.835	789.69	JP_2011_Miyagi_09_EW	0.258	62.01	JP_2011_Miyagi_09_EW	0.258	62.01	PE_1970_31MAY_NS	0.250	80.69
	6	JP_2011_Miyagi_09_NS	0.590	154.85	JP_2021_Fukushima_07_NS	0.657	320.69	JP_2011_12APR_EW	0.751	385.59	CH_2015_Coquimbo_02_EW	0.250	62.70	CH_2015_Coquimbo_02_EW	0.250	62.70	PE_1974_09NOV_02_NS	0.250	97.70
	7	JP_2021_Fukushima_07_EW	0.696	167.94	JP_2011_Tohoku_06_NS	0.548	326.31	JP_2011_Fukushima_06_EW	0.836	402.96	JP_2021_Miyagi_02_NS	0.250	63.67	JP_2021_Miyagi_02_NS	0.250	63.67	PE_2001_07JUL_01_NS	0.250	227.86
	8	US_1992_Big Bear_360	0.488	201.28	JP_2004_Chuetstu_04_EW	0.398	327.21	JP_2011_Tohoku_11_EW	0.506	415.08	JP_2021_Fukushima_07_EW	0.250	64.59	JP_2021_Fukushima_07_EW	0.250	64.59	PE_2005_25SET_03_EW	2.303	76.92
	9	JP_2011_19MAR_01_NS	0.844	215.55	JP_2011_Miyagi_01_NS	0.437	332.36	JP_2011_Tohoku_17_NS	0.619	910.13	PE_2005_13JUN_05_NS	0.708	64.99	PE_2005_13JUN_05_NS	0.708	64.99	PE_2007_PISCO_03_NS	0.250	98.06
	10	JP_2003_Miyagi_01_NS	0.497	216.04	JP_2004_29NOV_02_NS	0.707	340.24	JP_2011_Tohoku_53_EW	0.265	246.75	US_1991_SierraMadre_90	0.415	65.34	US_1991_SierraMadre_90	0.415	65.34	PE_2007_PISCO_04_NS	0.250	98.06
	11	JP_2011_12APR_NS	0.613	218.37	TW_1999_ChiChi_09_360	0.418	353.59	JP_2016_Kumamoto_04_NS	0.652	457.47	PE_1974_05ENE_01_NS	0.370	66.15	PE_1974_05ENE_01_NS	0.370	66.15	PE_2007_PISCO_05_EW	0.303	91.17
	12	JP_2003_Hokkaido_09_EW	0.263	232.16	JP_1997_Shizuoca_NS	1.375	354.63	JP_2018_Hokkaido_04_EW	0.562	805.06	US_1987_WhittierNarrows_02_90	0.250	66.52	US_1987_WhittierNarrows_02_90	0.250	66.52	PE_2007_PISCO_05_NS	0.250	93.75
	13	JP_2003_Miyagi_01_EW	0.432	244.30	JP_2004_Chuetstu_03_EW	0.733	354.73	JP_2021_Fukushima_08_EW	0.660	372.79	JP_2011_Fukushima_01_EW	0.250	68.69	JP_2011_Fukushima_01_EW	0.250	68.69	PE_2011_24AGO_02_EW	0.483	89.02
	14	JP_2011_Tohoku_53_EW	0.265	246.75	US_1992_Big Bear_270	0.650	358.02	JP_2021_Fukushima_10_NS	0.727	558.04	PE_2005_13JUN_03_NS	0.400	69.03	PE_2005_13JUN_03_NS	0.400	69.03	PE_2011_24AGO_07_NS	0.378	91.04
	15	JP_2011_Tohoku_31_NS	0.516	261.19	JP_2009_Shizuoca_03_NS	1.031	365.98	PE_1974_03OCT_NS	2.291	588.02	US_2005_Anza_01_90	0.250	69.47	US_2005_Anza_01_90	0.250	69.47	PE_2012_14MAY_NS	0.250	93.85

	1 6	JP_2011_Fukushima_01_EW	1.36 5	266.07	JP_2011_Tohoku_53_NS	0.38 9	368.43	PE_2010_05MAY_01_NS	4.00 0	734.37	JP_2011_Tohoku_57_EW	0.25 0	69.61	JP_2011_Tohoku_57_EW	0.25 0	69.61	PE_2015_24NOV_01_EW	4.00 0	98.25
	1 7	JP_2011_Tohoku_25_EW	0.60 5	274.46	JP_2021_Fukushima_08_E W	0.66 0	372.79	US_1986_North Palm Springs_90	1.28 6	691.50	JP_1997_Shizuoca_NS	0.25 0	69.64	JP_1997_Shizuoca_NS	0.25 0	69.64	PE_2015_24NOV_02_EW	4.00 0	98.46
	1 8	JP_2011_Tohoku_56_NS	0.32 6	276.69	JP_2011_Tohoku_03_NS	0.47 5	373.50	US_1989_Loma Prieta_02_0	0.89 4	559.89	JP_2001_Geiyō_03_EW	0.25 0	70.20	JP_2001_Geiyō_03_EW	0.25 0	70.20	PE_2015_24NOV_03_EW	4.00 0	97.23
	1 9	JP_2011_Tohoku_35_EW	0.33 7	277.11	JP_2011_Tohoku_60_EW	0.96 5	378.60	US_1989_Loma Prieta_02_90	0.67 2	578.61	PE_2005_13JUN_03_EW	0.37 0	70.55	PE_2005_13JUN_03_EW	0.37 0	70.55	PE_2015_24NOV_04_EW	4.00 0	83.37
	2 0	JP_2019_21FEB_NS	0.59 0	279.01	JP_2011_Tohoku_48_EW	0.66 2	378.62	US_1991_SierraMadre_0	0.69 4	643.55	JP_2001_Geiyō_02_NS	0.25 0	70.80	JP_2001_Geiyō_02_NS	0.25 0	70.80	TW_1999_ChiChi_02_90	0.25 0	163.19
MSE	1	JP_2011_Miyagi_09_EW	0.53 1	5848.50	JP_2011_Tohoku_03_NS	0.47 5	23617.0 8	JP_2000_Tottori_05_NS	0.68 8	273946.8 7	JP_2011_Fukushima_04_NS	0.34 0	4951.45	JP_2011_Fukushima_04_NS	0.34 0	4951.45	CH_2010_Maule_01_Long	0.36 3	54023.66
	2	US_1987_WhittierNarrows_02_0	0.46 2	5915.79	JP_2004_27OCT_03_NS	0.49 8	27864.8 2	JP_2003_Hokkaido_03_EW	0.63 1	231024.3 8	US_1987_WhittierNarrows_02_0	0.44 5	5739.83	US_1987_WhittierNarrows_02_0	0.44 5	5739.83	JP_1996_Nagano_NS	0.27 3	113121.6 0
	3	US_1987_WhittierNarrows_02_90	0.42 0	10151.4 5	JP_2018_Hokkaido_03_NS	0.44 8	31028.0 0	JP_2003_Hokkaido_07_NS	1.28 5	207911.3 5	JP_2011_Miyagi_09_EW	0.52 8	5854.42	JP_2011_Miyagi_09_EW	0.52 8	5854.42	PE_2005_25SET_03_EW	4.00 0	115341.6 0
	4	JP_2011_Tohoku_56_NS	0.32 6	10500.0 7	JP_2004_29NOV_02_NS	0.70 7	34931.2 9	JP_2003_Miyagi_03_EW	0.50 6	86013.81	JP_2009_Shizuoca_01_NS	0.43 0	6125.78	JP_2009_Shizuoca_01_NS	0.43 0	6125.78	PE_2007_PISCO_05_EW	4.00 0	101121.2 3
	5	JP_2011_12APR_NS	0.61 3	13442.7 8	TW_1999_ChiChi_09_360	0.41 8	35283.0 8	JP_2004_14DEC_NS	0.83 5	296071.2 5	JP_2011_Tohoku_56_NS	0.28 0	6814.90	JP_2011_Tohoku_56_NS	0.28 0	6814.90	PE_2007_PISCO_05_NS	4.00 0	93873.37
	6	JP_2009_Shizuoca_01_NS	0.53 4	13457.2 9	US_1994_Northridge_03_90	0.39 0	37005.7 4	JP_2011_12APR_EW	0.75 1	44162.74	JP_2011_Miyagi_09_NS	0.46 8	7531.94	JP_2011_Miyagi_09_NS	0.46 8	7531.94	PE_2011_24AGO_01_EW	4.00 0	113420.4 5
	7	JP_2011_Miyagi_09_NS	0.59 0	16472.1 0	JP_2018_Osake_EW	0.43 0	42793.2 1	JP_2011_Fukushima_06_EW	0.83 6	122887.9 3	JP_2018_Hokkaido_03_NS	0.31 0	8197.46	JP_2018_Hokkaido_03_NS	0.31 0	8197.46	PE_2011_24AGO_01_NS	4.00 0	114535.6 7
	8	JP_2011_Tohoku_31_NS	0.51 6	17982.3 9	JP_2011_Tohoku_26_NS	0.56 0	43317.9 8	JP_2011_Tohoku_11_EW	0.50 6	32430.73	US_1987_WhittierNarrows_02_90	0.37 8	8462.03	US_1987_WhittierNarrows_02_90	0.37 8	8462.03	PE_2011_24AGO_02_EW	4.00 0	111923.9 7
	9	JP_2011_Fukushima_04_NS	0.44 9	17990.3 0	JP_2011_12APR_EW	0.75 1	44162.7 4	JP_2011_Tohoku_17_NS	0.61 9	108281.7 5	JP_2021_Miyagi_02_NS	0.25 0	9208.96	JP_2021_Miyagi_02_NS	0.25 0	9208.96	PE_2011_24AGO_03_EW	4.00 0	112206.4 7
	1 0	JP_2009_Shizuoca_01_EW	0.55 2	23022.2 7	JP_2003_Hokkaido_12_EW	0.82 7	49640.0 0	JP_2011_Tohoku_53_EW	0.26 5	64334.04	JP_2011_Tohoku_03_NS	0.35 5	9995.12	JP_2011_Tohoku_03_NS	0.35 5	9995.12	PE_2011_24AGO_05_NS	4.00 0	111786.5 3
	1 1	JP_2011_Tohoku_03_NS	0.47 5	23617.0 8	US_1989_Loma Prieta_04_0	0.48 8	54004.9 6	JP_2016_Kumamoto_04_NS	0.65 2	78916.86	JP_2003_Hokkaido_01_NS	0.40 8	10281.1 1	JP_2003_Hokkaido_01_NS	0.40 8	10281.1 1	PE_2011_24AGO_06_EW	4.00 0	111229.2 9
	1 2	US_1992_Big Bear_360	0.48 8	24762.7 6	JP_2003_Hokkaido_01_NS	0.65 3	54887.1 6	JP_2018_Hokkaido_04_EW	0.56 2	203066.8 6	JP_2009_Shizuoca_01_EW	0.41 5	10381.9 9	JP_2009_Shizuoca_01_EW	0.41 5	10381.9 9	PE_2011_24AGO_07_EW	4.00 0	109264.4 1
	1 3	JP_2019_21FEB_NS	0.59 0	27016.0 7	JP_2004_Chuetsu_04_EW	0.39 8	55237.2 5	JP_2021_Fukushima_08_EW	0.66 0	105347.1 2	JP_2011_Tohoku_31_NS	0.41 5	11006.0 1	JP_2011_Tohoku_31_NS	0.41 5	11006.0 1	PE_2011_24AGO_07_NS	4.00 0	109071.6 6
	1 4	JP_2004_27OCT_03_NS	0.49 8	27864.8 2	JP_2019_21FEB_EW	0.87 3	58612.5 7	JP_2021_Fukushima_10_NS	0.72 7	87847.75	JP_2011_12APR_NS	0.54 3	11240.6 8	JP_2011_12APR_NS	0.54 3	11240.6 8	PE_2015_24NOV_01_EW	4.00 0	130478.9 1
	1 5	JP_2003_Hokkaido_09_EW	0.26 3	27955.3 9	JP_2011_Tohoku_41_EW	0.46 0	58745.2 1	PE_1974_03OCT_NS	2.29 1	104271.1 1	TW_1999_ChiChi_09_360	0.28 8	11783.2 9	TW_1999_ChiChi_09_360	0.28 8	11783.2 9	PE_2015_24NOV_01_NS	4.00 0	130615.9 7
	1 6	JP_2018_Hokkaido_03_NS	0.44 8	31028.0 0	US_1991_SierraMadre_0	0.69 4	60225.0 5	PE_2010_05MAY_01_NS	4.00 0	145744.2 2	JP_2011_12APR_EW	0.49 8	11893.8 7	JP_2011_12APR_EW	0.49 8	11893.8 7	PE_2015_24NOV_02_EW	4.00 0	131055.2 4
	1 7	JP_2011_Tohoku_11_EW	0.50 6	32430.7 3	US_1992_Big Bear_270	0.65 0	61934.8 3	US_1986_North Palm Springs_90	1.28 6	125045.1 3	US_1992_Big Bear_360	0.37 0	12133.1 2	US_1992_Big Bear_360	0.37 0	12133.1 2	PE_2015_24NOV_02_NS	4.00 0	131130.5 5
	1 8	JP_2004_29NOV_02_NS	0.70 7	34931.2 9	JP_2004_Chuetsu_06_NS	0.35 6	62190.3 0	US_1989_Loma Prieta_02_0	0.89 4	91712.87	JP_2019_21FEB_NS	0.43 8	12538.2 4	JP_2019_21FEB_NS	0.43 8	12538.2 4	PE_2015_24NOV_03_EW	4.00 0	129554.1 0
	1 9	JP_2011_Tohoku_45_NS	0.35 3	34934.8 3	PE_1974_09NOV_01_EW	2.30 4	65003.2 3	US_1989_Loma Prieta_02_90	0.67 2	92487.17	JP_2004_27OCT_03_NS	0.37 0	14262.4 9	JP_2004_27OCT_03_NS	0.37 0	14262.4 9	PE_2015_24NOV_04_EW	4.00 0	118139.9 6
	2 0	TW_1999_ChiChi_09_360	0.41 8	35283.0 8	JP_2011_Tohoku_48_EW	0.66 2	65546.6 0	US_1991_SierraMadre_0	0.69 4	60225.05	JP_2003_Hokkaido_01_EW	0.41 5	14824.5 8	JP_2003_Hokkaido_01_EW	0.41 5	14824.5 8	PE_2015_24NOV_05_NS	4.00 0	129118.3 3
RMS E	1	JP_2011_Miyagi_09_EW	0.53 1	76.48	JP_2011_Tohoku_03_NS	0.47 5	153.68	JP_2000_Tottori_05_NS	0.68 8	523.40	JP_2011_Fukushima_04_NS	0.34 0	70.37	JP_2011_Fukushima_04_NS	0.34 0	70.37	CH_2010_Maule_01_Long	0.36 3	232.43
	2	US_1987_WhittierNarrows_02_0	0.46 2	76.91	JP_2004_27OCT_03_NS	0.49 8	166.93	JP_2003_Hokkaido_03_EW	0.63 1	480.65	US_1987_WhittierNarrows_02_0	0.44 5	75.76	US_1987_WhittierNarrows_02_0	0.44 5	75.76	JP_1996_Nagano_NS	0.27 3	336.34
	3	US_1987_WhittierNarrows_02_90	0.42 0	100.75	JP_2018_Hokkaido_03_NS	0.44 8	176.15	JP_2003_Hokkaido_07_NS	1.28 5	455.97	JP_2011_Miyagi_09_EW	0.52 8	76.51	JP_2011_Miyagi_09_EW	0.52 8	76.51	PE_2005_25SET_03_EW	4.00 0	339.62
	4	JP_2011_Tohoku_56_NS	0.32 6	102.47	JP_2004_29NOV_02_NS	0.70 7	186.90	JP_2003_Miyagi_03_EW	0.50 6	293.28	JP_2009_Shizuoca_01_NS	0.43 0	78.27	JP_2009_Shizuoca_01_NS	0.43 0	78.27	PE_2007_PISCO_05_EW	4.00 0	318.00
	5	JP_2011_12APR_NS	0.61 3	115.94	TW_1999_ChiChi_09_360	0.41 8	187.84	JP_2004_14DEC_NS	0.83 5	544.12	JP_2011_Tohoku_56_NS	0.28 0	82.55	JP_2011_Tohoku_56_NS	0.28 0	82.55	PE_2007_PISCO_05_NS	4.00 0	306.39
	6	JP_2009_Shizuoca_01_NS	0.53 4	116.01	US_1994_Northridge_03_90	0.39 0	192.37	JP_2011_12APR_EW	0.75 1	210.15	JP_2011_Miyagi_09_NS	0.46 8	86.79	JP_2011_Miyagi_09_NS	0.46 8	86.79	PE_2011_24AGO_01_EW	4.00 0	336.78
	7	JP_2011_Miyagi_09_NS	0.59 0	128.34	JP_2018_Osake_EW	0.43 0	206.87	JP_2011_Fukushima_06_EW	0.83 6	350.55	JP_2018_Hokkaido_03_NS	0.31 0	90.54	JP_2018_Hokkaido_03_NS	0.31 0	90.54	PE_2011_24AGO_01_NS	4.00 0	338.43
	8	JP_2011_Tohoku_31_NS	0.51 6	134.10	JP_2011_Tohoku_26_NS	0.56 0	208.13	JP_2011_Tohoku_11_EW	0.50 6	180.09	US_1987_WhittierNarrows_02_90	0.37 8	91.99	US_1987_WhittierNarrows_02_90	0.37 8	91.99	PE_2011_24AGO_02_EW	4.00 0	334.55
	9	JP_2011_Fukushima_04_NS	0.44 9	134.13	JP_2011_12APR_EW	0.75 1	210.15	JP_2011_Tohoku_17_NS	0.61 9	329.06	JP_2021_Miyagi_02_NS	0.25 0	95.96	JP_2021_Miyagi_02_NS	0.25 0	95.96	PE_2011_24AGO_03_EW	4.00 0	334.97
	1 0	JP_2009_Shizuoca_01_EW	0.55 2	151.73	JP_2003_Hokkaido_12_EW	0.82 7	222.80	JP_2011_Tohoku_53_EW	0.26 5	253.64	JP_2011_Tohoku_03_NS	0.35 5	99.98	JP_2011_Tohoku_03_NS	0.35 5	99.98	PE_2011_24AGO_05_NS	4.00 0	334.34
	1 1	JP_2011_Tohoku_03_NS	0.47 5	153.68	US_1989_Loma Prieta_04_0	0.48 8	232.39	JP_2016_Kumamoto_04_NS	0.65 2	280.92	JP_2003_Hokkaido_01_NS	0.40 8	101.40	JP_2003_Hokkaido_01_NS	0.40 8	101.40	PE_2011_24AGO_06_EW	4.00 0	333.51
	1 2	US_1992_Big Bear_360	0.48 8	157.36	JP_2003_Hokkaido_01_NS	0.65 3	234.28	JP_2018_Hokkaido_04_EW	0.56 2	450.63	JP_2009_Shizuoca_01_EW	0.41 5	101.89	JP_2009_Shizuoca_01_EW	0.41 5	101.89	PE_2011_24AGO_07_EW	4.00 0	330.55
	1 3	JP_2019_21FEB_NS	0.59 0	164.37	JP_2004_Chuetsu_04_EW	0.39 8	235.03	JP_2021_Fukushima_08_EW	0.66 0	324.57	JP_2011_Tohoku_31_NS	0.41 5	104.91	JP_2011_Tohoku_31_NS	0.41 5	104.91	PE_2011_24AGO_07_NS	4.00 0	330.26
	1 4	JP_2004_27OCT_03_NS	0.49 8	166.93	JP_2019_21FEB_EW	0.87 3	242.10	JP_2021_Fukushima_10_NS	0.72 7	296.39	JP_2011_12APR_NS	0.54 3	106.02	JP_2011_12APR_NS	0.54 3	106.02	PE_2015_24NOV_01_EW	4.00 0	361.22

	15	JP_2003_Hokkaido_09_EW	0.263	167.20	JP_2011_Tohoku_41_EW	0.460	242.37	PE_1974_03OCT_NS	2.291	322.91	TW_1999_ChiChi_09_360	0.288	108.55	TW_1999_ChiChi_09_360	0.288	108.55	PE_2015_24NOV_01_NS	4.000	361.41
	16	JP_2018_Hokkaido_03_NS	0.448	176.15	US_1991_SierraMadre_0	0.694	245.41	PE_2010_05MAY_01_NS	4.000	381.76	JP_2011_12APR_EW	0.498	109.06	JP_2011_12APR_EW	0.498	109.06	PE_2015_24NOV_02_EW	4.000	362.02
	17	JP_2011_Tohoku_11_EW	0.506	180.09	US_1992_Big Bear_270	0.650	248.87	US_1986_North Palm Springs_90	1.286	353.62	US_1992_Big Bear_360	0.370	110.15	US_1992_Big Bear_360	0.370	110.15	PE_2015_24NOV_02_NS	4.000	362.12
	18	JP_2004_29NOV_02_NS	0.707	186.90	JP_2004_Chuetstu_06_NS	0.356	249.38	US_1989_Loma Prieta_02_0	0.894	302.84	JP_2019_21FEB_NS	0.438	111.97	JP_2019_21FEB_NS	0.438	111.97	PE_2015_24NOV_03_EW	4.000	359.94
	19	JP_2011_Tohoku_45_NS	0.353	186.91	PE_1974_09NOV_01_EW	2.304	254.96	US_1989_Loma Prieta_02_90	0.672	304.12	JP_2004_27OCT_03_NS	0.370	119.43	JP_2004_27OCT_03_NS	0.370	119.43	PE_2015_24NOV_04_EW	4.000	343.71
	20	TW_1999_ChiChi_09_360	0.418	187.84	JP_2011_Tohoku_48_EW	0.662	256.02	US_1991_SierraMadre_0	0.694	245.41	JP_2003_Hokkaido_01_EW	0.415	121.76	JP_2003_Hokkaido_01_EW	0.415	121.76	PE_2015_24NOV_05_NS	4.000	359.33

REGISTROS SELECCIONADOS CASO Nmr T=0.32s - TSemc-tr-2475																			
Caso:		TSemc-tr-2475_NSp_Sbs			TSemc-tr-2475_NSp_Sci			TSemc-tr-2475_NSp_Ssr			TSemc-tr-2475_NSr_Sbs			TSemc-tr-2475_NSr_Sci			TSemc-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2011_Miyagi_09_EW	0.663	64.31	JP_2011_Tohoku_03_NS	0.594	169.64	JP_1997_Shizuoca_EW	0.755	274.70	JP_2011_Fukushima_04_NS	0.378	55.13	JP_2011_Fukushima_04_NS	0.378	55.13	CH_2010_Maule_01_Long	0.295	212.42
	2	US_1987_WhittierNarrows_02_0	0.578	69.57	JP_2004_27OCT_03_NS	0.622	172.83	JP_2000_Tottori_01_EW	1.056	506.38	JP_2011_Miyagi_09_EW	0.648	63.73	JP_2011_Miyagi_09_EW	0.648	63.73	PE_2005_25SET_03_EW	4.000	265.71
	3	JP_2021_Miyagi_02_NS	0.295	80.89	JP_2011_Tohoku_45_NS	0.441	175.40	JP_2003_Miyagi_01_EW	0.539	274.77	US_1987_WhittierNarrows_02_0	0.513	64.73	US_1987_WhittierNarrows_02_0	0.513	64.73	PE_2005_25SET_03_NS	4.000	264.47
	4	US_1987_WhittierNarrows_02_90	0.525	84.85	JP_2004_29NOV_02_NS	0.884	183.52	JP_2003_Miyagi_10_EW	1.034	502.29	JP_2009_Shizuoca_01_NS	0.490	67.83	JP_2009_Shizuoca_01_NS	0.490	67.83	PE_2007_PISCO_05_EW	4.000	258.99
	5	JP_2011_12APR_NS	0.766	106.42	JP_2018_Hokkaido_03_NS	0.561	184.73	JP_2004_Chuetstu_03_EW	0.917	261.49	JP_2018_Hokkaido_03_NS	0.325	77.01	JP_2018_Hokkaido_03_NS	0.325	77.01	PE_2007_PISCO_05_NS	4.000	240.57
	6	JP_2011_Miyagi_09_NS	0.737	108.95	JP_2018_Osake_EW	0.537	184.87	JP_2011_Miyagi_06_EW	1.906	707.87	JP_2011_Miyagi_09_NS	0.603	78.19	JP_2011_Miyagi_09_NS	0.603	78.19	PE_2011_24AGO_01_EW	4.000	272.34
	7	JP_2009_Shizuoca_01_NS	0.667	110.42	TW_1999_ChiChi_09_360	0.522	191.90	JP_2011_Tohoku_03_EW	0.882	291.65	US_1987_WhittierNarrows_02_90	0.483	79.22	US_1987_WhittierNarrows_02_90	0.483	79.22	PE_2011_24AGO_01_NS	4.000	272.86
	8	JP_2011_Tohoku_56_NS	0.408	115.90	US_1994_Northridge_03_90	0.487	208.49	JP_2011_Tohoku_11_EW	0.633	188.82	JP_2021_Miyagi_02_NS	0.295	80.90	JP_2021_Miyagi_02_NS	0.295	80.90	PE_2011_24AGO_02_EW	4.000	270.43
	9	JP_2011_Tohoku_31_NS	0.646	121.51	US_1992_Big Bear_270	0.812	209.84	JP_2011_Tohoku_17_NS	0.774	374.75	JP_2011_Tohoku_56_NS	0.318	84.24	JP_2011_Tohoku_56_NS	0.318	84.24	PE_2011_24AGO_03_EW	4.000	271.43
	10	JP_2009_Shizuoca_01_EW	0.690	125.21	JP_2011_15MAR_EW	0.291	214.69	JP_2011_Tohoku_27_EW	0.922	389.38	TW_1999_ChiChi_09_360	0.333	86.13	TW_1999_ChiChi_09_360	0.333	86.13	PE_2011_24AGO_05_NS	4.000	267.13
	11	JP_2011_Fukushima_04_NS	0.562	125.55	JP_2011_12APR_EW	0.938	220.33	JP_2011_Tohoku_29_EW	0.768	426.59	JP_2011_12APR_EW	0.498	87.25	JP_2011_12APR_EW	0.498	87.25	PE_2011_24AGO_06_EW	4.000	269.57
	12	JP_2008_Iwate_02_NS	0.292	129.09	JP_2004_Chuetstu_04_EW	0.498	227.93	JP_2011_Tohoku_41_NS	1.263	663.42	JP_2011_Tohoku_31_NS	0.468	89.20	JP_2011_Tohoku_31_NS	0.468	89.20	PE_2011_24AGO_07_EW	4.000	263.61
	13	US_1992_Big Bear_360	0.610	139.99	JP_2003_Hokkaido_01_NS	0.816	231.00	JP_2016_Kumamoto_04_NS	0.815	274.31	JP_2003_Hokkaido_01_NS	0.430	90.23	JP_2003_Hokkaido_01_NS	0.430	90.23	PE_2011_24AGO_07_NS	4.000	264.29
	14	JP_2011_Tohoku_56_EW	0.296	157.64	JP_2003_Hokkaido_12_EW	1.034	232.07	JP_2021_Fukushima_01_EW	1.345	729.88	JP_2003_Hokkaido_01_EW	0.408	92.63	JP_2003_Hokkaido_01_EW	0.408	92.63	PE_2015_24NOV_01_EW	4.000	299.05
	15	JP_2016_14APR_NS	1.035	157.68	JP_2011_Tohoku_26_NS	0.700	235.10	JP_2021_Fukushima_07_NS	0.821	263.71	JP_2009_Shizuoca_01_EW	0.445	94.09	JP_2009_Shizuoca_01_EW	0.445	94.09	PE_2015_24NOV_01_NS	4.000	299.16
	16	JP_2003_Hokkaido_09_EW	0.329	159.73	JP_2011_Tohoku_41_EW	0.575	235.74	JP_2021_Fukushima_08_EW	0.825	311.63	US_1992_Big Bear_360	0.483	94.68	US_1992_Big Bear_360	0.483	94.68	PE_2015_24NOV_02_EW	4.000	299.69
	17	JP_2021_Fukushima_07_EW	0.870	164.31	JP_2011_Tohoku_48_NS	0.992	242.88	TW_1999_ChiChi_10_90	0.819	577.87	JP_2011_12APR_NS	0.670	96.14	JP_2011_12APR_NS	0.670	96.14	PE_2015_24NOV_02_NS	4.000	299.81
	18	JP_2011_Tohoku_03_NS	0.594	169.64	JP_2011_Tohoku_53_EW	0.331	249.65	US_1989_Loma Prieta_02_0	1.118	301.85	JP_2004_Chuetstu_04_EW	0.288	96.46	JP_2004_Chuetstu_04_EW	0.288	96.46	PE_2015_24NOV_03_EW	4.000	297.10
	19	JP_2004_27OCT_03_NS	0.622	172.83	US_1991_SierraMadre_0	0.868	250.74	US_1989_Loma Prieta_02_90	0.839	298.23	JP_2011_Tohoku_03_NS	0.363	96.97	JP_2011_Tohoku_03_NS	0.363	96.97	PE_2015_24NOV_04_EW	4.000	282.77
	20	JP_2011_Tohoku_45_NS	0.441	175.40	JP_2003_Hokkaido_01_EW	0.878	256.35	US_1991_SierraMadre_0	0.868	250.74	JP_2003_Hokkaido_09_EW	0.250	100.76	JP_2003_Hokkaido_09_EW	0.250	100.76	PE_2015_24NOV_05_NS	4.000	296.50
MAPE	1	JP_2021_Miyagi_02_NS	0.295	68.57	JP_2011_15MAR_EW	0.291	278.00	JP_1997_Shizuoca_EW	0.755	521.21	US_1987_WhittierNarrows_02_0	0.333	52.74	US_1987_WhittierNarrows_02_0	0.333	52.74	CH_1995_Antofagasta_Transv	0.303	81.36
	2	US_1987_WhittierNarrows_02_0	0.578	82.76	JP_2011_Tohoku_53_EW	0.331	280.34	JP_2000_Tottori_01_EW	1.056	940.86	US_2005_Anza_02_360	0.250	58.14	US_2005_Anza_02_360	0.250	58.14	CH_2012_GO05_NS	0.250	90.49
	3	JP_2011_Miyagi_09_EW	0.663	112.12	US_2005_Anza_02_90	1.462	322.60	JP_2003_Miyagi_01_EW	0.539	277.32	US_2005_Anza_02_90	0.258	59.75	US_2005_Anza_02_90	0.258	59.75	CH_2014_PSGCX_EW	0.250	130.71
	4	US_1987_WhittierNarrows_02_90	0.525	132.08	JP_2013_25FEB_NS	0.413	326.09	JP_2003_Miyagi_10_EW	1.034	948.80	JP_2021_Miyagi_02_NS	0.250	60.40	JP_2021_Miyagi_02_NS	0.250	60.40	JP_1996_Nagano_NS	0.250	146.99
	5	JP_2009_Shizuoca_01_EW	0.690	175.99	JP_2003_Miyagi_03_EW	0.633	335.02	JP_2004_Chuetstu_03_EW	0.917	403.39	JP_2021_Fukushima_06_NS	0.250	60.61	JP_2021_Fukushima_06_NS	0.250	60.61	PE_1974_09NOV_02_NS	0.250	97.41
	6	JP_2009_Shizuoca_01_NS	0.667	180.13	JP_2011_Tohoku_41_EW	0.575	341.21	JP_2011_Miyagi_06_EW	1.906	1637.88	CH_2015_Coquimbo_02_EW	0.250	62.61	CH_2015_Coquimbo_02_EW	0.250	62.61	PE_2001_07JUL_01_NS	0.250	217.06
	7	JP_2011_Miyagi_09_NS	0.737	180.73	JP_2001_Geioyo_03_EW	1.292	346.55	JP_2011_Tohoku_03_EW	0.882	840.60	JP_2021_Fukushima_07_EW	0.250	64.87	JP_2021_Fukushima_07_EW	0.250	64.87	PE_2005_25SET_03_EW	2.697	77.78
	8	JP_2008_Iwate_02_NS	0.292	181.58	JP_2011_Miyagi_15_NS	1.155	347.35	JP_2011_Tohoku_11_EW	0.633	476.98	JP_2011_Miyagi_09_EW	0.295	65.43	JP_2011_Miyagi_09_EW	0.295	65.43	PE_2007_PISCO_03_NS	0.250	97.69

	9	JP_2021_Fukushima_07_EW	0.87 0	194.85	JP_2011_16APR_02_EW	1.22 4	353.46	JP_2011_Tohoku_17_NS	0.77 4	1033.55	PE_1974_05ENE_01_NS	0.42 3	67.32	PE_1974_05ENE_01_NS	0.42 3	67.32	PE_2007_PISCO_04_NS	0.25 0	97.69
	10	US_1992_Big Bear_360	0.61 0	232.41	JP_2021_Fukushima_07_NS	0.82 1	366.77	JP_2011_Tohoku_27_EW	0.92 2	744.92	PE_2005_13JUN_05_NS	0.80 5	67.53	PE_2005_13JUN_05_NS	0.80 5	67.53	PE_2007_PISCO_05_EW	0.33 3	91.40
	11	JP_2011_Tohoku_56_EW	0.29 6	232.87	JP_2011_Tohoku_06_NS	0.68 6	372.86	JP_2011_Tohoku_29_EW	0.76 8	618.57	US_1987_WhittierNarrows_02_90	0.25 0	67.61	US_1987_WhittierNarrows_02_90	0.25 0	67.61	PE_2007_PISCO_05_NS	0.25 0	94.04
	12	JP_2011_19MAR_01_NS	1.05 5	244.21	JP_2011_Miyagi_01_NS	0.54 6	373.01	JP_2011_Tohoku_41_NS	1.26 3	790.56	JP_2011_Fukushima_01_EW	0.25 0	67.81	JP_2011_Fukushima_01_EW	0.25 0	67.81	PE_2011_24AGO_02_EW	0.52 0	89.27
	13	JP_2003_Miyagi_01_NS	0.62 1	245.64	JP_2004_Chuetsu_04_EW	0.49 8	376.90	JP_2016_Kumamoto_04_NS	0.81 5	522.33	US_1991_SierraMadre_90	0.36 3	68.29	US_1991_SierraMadre_90	0.36 3	68.29	PE_2011_24AGO_04_EW	0.96 3	80.70
	14	JP_2011_12APR_NS	0.76 6	251.63	JP_2004_29NOV_02_NS	0.88 4	391.78	JP_2021_Fukushima_01_EW	1.34 5	2324.95	JP_2001_Geiyō_02_NS	0.25 0	68.84	JP_2001_Geiyō_02_NS	0.25 0	68.84	PE_2011_24AGO_07_NS	0.40 8	91.37
	15	JP_2003_Hokkaido_09_EW	0.32 9	269.02	JP_1997_Shizuoka_NS	1.71 9	401.33	JP_2021_Fukushima_07_NS	0.82 1	366.77	JP_2011_19MAR_01_NS	0.25 0	69.08	JP_2011_19MAR_01_NS	0.25 0	69.08	PE_2012_14MAY_NS	0.25 0	93.32
	16	JP_2003_Miyagi_01_EW	0.53 9	277.32	JP_2004_Chuetsu_03_EW	0.91 7	403.39	JP_2021_Fukushima_08_EW	0.82 5	423.04	JP_2001_Geiyō_03_EW	0.25 0	69.60	JP_2001_Geiyō_03_EW	0.25 0	69.60	PE_2015_24NOV_01_EW	4.00 0	98.46
	17	JP_2011_15MAR_EW	0.29 1	278.00	TW_1999_ChiChi_09_360	0.52 2	407.27	TW_1999_ChiChi_10_90	0.81 9	1445.33	PE_2005_13JUN_03_NS	0.46 0	69.69	PE_2005_13JUN_03_NS	0.46 0	69.69	PE_2015_24NOV_02_EW	4.00 0	98.64
	18	JP_2011_Tohoku_53_EW	0.33 1	280.34	US_1992_Big Bear_270	0.81 2	411.54	US_1989_Loma Prieta_02_0	1.11 8	641.52	JP_1997_Shizuoka_NS	0.25 0	70.13	JP_1997_Shizuoka_NS	0.25 0	70.13	PE_2015_24NOV_03_EW	4.00 0	97.59
	19	JP_2011_Fukushima_01_EW	1.70 6	298.11	JP_2009_Shizuoka_03_NS	1.28 9	413.52	US_1989_Loma Prieta_02_90	0.83 9	661.29	MX_1985_Guerrero_N90W	0.25 0	70.57	MX_1985_Guerrero_N90W	0.25 0	70.57	PE_2015_24NOV_04_EW	4.00 0	85.35
	20	JP_2011_Tohoku_31_NS	0.64 6	303.87	JP_2011_Tohoku_53_NS	0.48 6	420.60	US_1991_SierraMadre_0	0.86 8	739.77	JP_2021_Miyagi_02_EW	0.25 0	70.80	JP_2021_Miyagi_02_EW	0.25 0	70.80	TW_1999_ChiChi_02_90	0.25 0	150.83
MSE	1	JP_2011_Miyagi_09_EW	0.66 3	9425.70	JP_2011_Tohoku_03_NS	0.59 4	40622.34	JP_1997_Shizuoka_EW	0.75 5	127720.05	JP_2011_Fukushima_04_NS	0.41 5	8290.42	JP_2011_Fukushima_04_NS	0.41 5	8290.42	CH_2015_Coquimbo_02_EW	0.61 0	88928.86
	2	US_1987_WhittierNarrows_02_0	0.57 8	9565.88	JP_2004_27OCT_03_NS	0.62 2	47500.43	JP_2000_Tottori_01_EW	1.05 6	417506.31	US_1987_WhittierNarrows_02_0	0.55 0	8951.87	US_1987_WhittierNarrows_02_0	0.55 0	8951.87	JP_2011_Miyagi_13_EW	0.37 0	89836.07
	3	JP_2021_Miyagi_02_NS	0.29 5	13656.94	JP_2018_Hokkaido_03_NS	0.56 1	53276.16	JP_2003_Miyagi_01_EW	0.53 9	158462.01	JP_2011_Miyagi_09_EW	0.64 8	9362.98	JP_2011_Miyagi_09_EW	0.64 8	9362.98	PE_2005_25SET_03_EW	4.00 0	177921.90
	4	US_1987_WhittierNarrows_02_90	0.52 5	17324.39	JP_2011_Tohoku_45_NS	0.44 1	57629.67	JP_2003_Miyagi_10_EW	1.03 4	413021.17	JP_2009_Shizuoka_01_NS	0.52 8	10450.03	JP_2009_Shizuoka_01_NS	0.52 8	10450.03	PE_2007_PISCO_05_EW	4.00 0	160601.86
	5	JP_2011_Tohoku_56_NS	0.40 8	18596.01	JP_2004_29NOV_02_NS	0.88 4	59178.25	JP_2004_Chuetsu_03_EW	0.91 7	112575.62	JP_2011_Tohoku_56_NS	0.34 0	11347.13	JP_2011_Tohoku_56_NS	0.34 0	11347.13	PE_2007_PISCO_05_NS	4.00 0	151185.65
	6	JP_2011_12APR_NS	0.76 6	22352.59	TW_1999_ChiChi_09_360	0.52 2	60093.57	JP_2011_Miyagi_06_EW	1.90 6	969045.79	JP_2011_Miyagi_09_NS	0.57 3	12349.82	JP_2011_Miyagi_09_NS	0.57 3	12349.82	PE_2011_24AGO_01_EW	4.00 0	176004.98
	7	JP_2009_Shizuoka_01_NS	0.66 7	24003.57	US_1994_Northridge_03_90	0.48 7	61607.55	JP_2011_Tohoku_03_EW	0.88 2	118317.50	JP_2021_Miyagi_02_NS	0.29 5	13655.31	JP_2021_Miyagi_02_NS	0.29 5	13655.31	PE_2011_24AGO_01_NS	4.00 0	177433.67
	8	JP_2011_Miyagi_09_NS	0.73 7	28553.97	JP_2011_15MAR_EW	0.29 1	66567.45	JP_2011_Tohoku_11_EW	0.63 3	54333.74	US_1987_WhittierNarrows_02_90	0.46 0	13677.29	US_1987_WhittierNarrows_02_90	0.46 0	13677.29	PE_2011_24AGO_02_EW	4.00 0	174137.81
	9	JP_2011_Tohoku_31_NS	0.64 6	30572.86	JP_2018_Osaka_EW	0.53 7	71666.12	JP_2011_Tohoku_17_NS	0.77 4	176765.34	JP_2018_Hokkaido_03_NS	0.38 5	13833.05	JP_2018_Hokkaido_03_NS	0.38 5	13833.05	PE_2011_24AGO_03_EW	4.00 0	174519.20
	10	JP_2011_Fukushima_04_NS	0.56 2	31303.19	JP_2011_Tohoku_26_NS	0.70 0	72710.61	JP_2011_Tohoku_27_EW	0.92 2	309649.74	JP_2011_Tohoku_03_NS	0.43 8	16471.04	JP_2011_Tohoku_03_NS	0.43 8	16471.04	PE_2011_24AGO_05_NS	4.00 0	173934.18
	11	JP_2008_Iwate_02_NS	0.29 2	31526.39	JP_2011_12APR_EW	0.93 8	74707.40	JP_2011_Tohoku_29_EW	0.76 8	443544.74	JP_2009_Shizuoka_01_EW	0.51 3	16972.80	JP_2009_Shizuoka_01_EW	0.51 3	16972.80	PE_2011_24AGO_06_EW	4.00 0	173291.43
	12	JP_2009_Shizuoka_01_EW	0.69 0	39465.08	JP_2003_Hokkaido_12_EW	1.03 4	83220.75	JP_2011_Tohoku_41_NS	1.26 3	746773.11	JP_2003_Hokkaido_01_NS	0.49 8	16980.98	JP_2003_Hokkaido_01_NS	0.49 8	16980.98	PE_2011_24AGO_07_EW	4.00 0	170805.10
	13	JP_2011_Tohoku_03_NS	0.59 4	40622.34	US_1989_Loma Prieta_04_0	0.61 0	89815.49	JP_2016_Kumamoto_04_NS	0.81 5	129919.98	JP_2011_Tohoku_31_NS	0.51 3	17686.99	JP_2011_Tohoku_31_NS	0.51 3	17686.99	PE_2011_24AGO_07_NS	4.00 0	170545.02
	14	US_1992_Big Bear_360	0.61 0	42229.92	JP_2003_Hokkaido_01_NS	0.81 6	91842.25	JP_2021_Fukushima_01_EW	1.34 5	906251.90	JP_2011_12APR_NS	0.66 3	17793.15	JP_2011_12APR_NS	0.66 3	17793.15	PE_2015_24NOV_01_EW	4.00 0	196962.41
	15	JP_2011_Tohoku_56_EW	0.29 6	42928.48	JP_2004_Chuetsu_04_EW	0.49 8	92645.89	JP_2021_Fukushima_07_NS	0.82 1	114727.41	TW_1999_ChiChi_09_360	0.35 5	19487.83	TW_1999_ChiChi_09_360	0.35 5	19487.83	PE_2015_24NOV_02_EW	4.00 0	197665.92
	16	JP_2019_21FEB_NS	0.73 8	45854.50	JP_2011_Tohoku_41_EW	0.57 5	98064.25	JP_2021_Fukushima_08_EW	0.82 5	172105.35	JP_2011_12APR_EW	0.60 3	19718.33	JP_2011_12APR_EW	0.60 3	19718.33	PE_2015_24NOV_02_NS	4.00 0	197757.25
	17	JP_2003_Hokkaido_09_EW	0.32 9	47491.85	JP_2019_21FEB_EW	1.09 2	98085.67	TW_1999_ChiChi_10_90	0.81 9	438413.47	US_1992_Big Bear_360	0.45 3	19733.41	US_1992_Big Bear_360	0.45 3	19733.41	PE_2015_24NOV_03_EW	4.00 0	195856.45
	18	JP_2004_27OCT_03_NS	0.62 2	47500.43	US_1991_SierraMadre_0	0.86 8	100251.63	US_1989_Loma Prieta_02_0	1.11 8	151147.68	JP_2008_Iwate_02_NS	0.25 0	20079.26	JP_2008_Iwate_02_NS	0.25 0	20079.26	PE_2015_24NOV_04_EW	4.00 0	181812.10
	19	JP_2018_Hokkaido_03_NS	0.56 1	53276.16	US_1992_Big Bear_270	0.81 2	102301.17	US_1989_Loma Prieta_02_90	0.83 9	151548.44	JP_2019_21FEB_NS	0.53 5	20300.54	JP_2019_21FEB_NS	0.53 5	20300.54	PE_2015_24NOV_05_NS	4.00 0	195323.49
	20	JP_2011_Tohoku_11_EW	0.63 3	54333.74	JP_2004_Chuetsu_06_NS	0.44 4	103130.38	US_1991_SierraMadre_0	0.86 8	100251.63	JP_2003_Hokkaido_09_EW	0.25 0	21946.10	JP_2003_Hokkaido_09_EW	0.25 0	21946.10	US_1987_WhittierNarrows_01_270	0.63 3	75952.40
RMS E	1	JP_2011_Miyagi_09_EW	0.66 3	97.09	JP_2011_Tohoku_03_NS	0.59 4	201.55	JP_1997_Shizuoka_EW	0.75 5	357.38	JP_2011_Fukushima_04_NS	0.41 5	91.05	JP_2011_Fukushima_04_NS	0.41 5	91.05	CH_2015_Coquimbo_02_EW	0.61 0	298.21
	2	US_1987_WhittierNarrows_02_0	0.57 8	97.81	JP_2004_27OCT_03_NS	0.62 2	217.95	JP_2000_Tottori_01_EW	1.05 6	646.15	US_1987_WhittierNarrows_02_0	0.55 0	94.61	US_1987_WhittierNarrows_02_0	0.55 0	94.61	JP_2011_Miyagi_13_EW	0.37 0	299.73
	3	JP_2021_Miyagi_02_NS	0.29 5	116.86	JP_2018_Hokkaido_03_NS	0.56 1	230.82	JP_2003_Miyagi_01_EW	0.53 9	398.07	JP_2011_Miyagi_09_EW	0.64 8	96.76	JP_2011_Miyagi_09_EW	0.64 8	96.76	PE_2005_25SET_03_EW	4.00 0	421.81
	4	US_1987_WhittierNarrows_02_90	0.52 5	131.62	JP_2011_Tohoku_45_NS	0.44 1	240.06	JP_2003_Miyagi_10_EW	1.03 4	642.67	JP_2009_Shizuoka_01_NS	0.52 8	102.23	JP_2009_Shizuoka_01_NS	0.52 8	102.23	PE_2007_PISCO_05_EW	4.00 0	400.75
	5	JP_2011_Tohoku_56_NS	0.40 8	136.37	JP_2004_29NOV_02_NS	0.88 4	243.27	JP_2004_Chuetsu_03_EW	0.91 7	335.52	JP_2011_Tohoku_56_NS	0.34 0	106.52	JP_2011_Tohoku_56_NS	0.34 0	106.52	PE_2007_PISCO_05_NS	4.00 0	388.83
	6	JP_2011_12APR_NS	0.76 6	149.51	TW_1999_ChiChi_09_360	0.52 2	245.14	JP_2011_Miyagi_06_EW	1.90 6	984.40	JP_2011_Miyagi_09_NS	0.57 3	111.13	JP_2011_Miyagi_09_NS	0.57 3	111.13	PE_2011_24AGO_01_EW	4.00 0	419.53
	7	JP_2009_Shizuoka_01_NS	0.66 7	154.93	US_1994_Northridge_03_90	0.48 7	248.21	JP_2011_Tohoku_03_EW	0.88 2	343.97	JP_2021_Miyagi_02_NS	0.29 5	116.86	JP_2021_Miyagi_02_NS	0.29 5	116.86	PE_2011_24AGO_01_NS	4.00 0	421.23

	8	JP_2011_Miyagi_09_NS	0.73 7	168.98	JP_2011_15MAR_EW	0.29 1	258.01	JP_2011_Tohoku_11_EW	0.63 3	233.10	US_1987_WhittierNarrows_02_90	0.46 0	116.95	US_1987_WhittierNarrows_02_90	0.46 0	116.95	PE_2011_24AGO_02_EW	4.00 0	417.30
	9	JP_2011_Tohoku_31_NS	0.64 6	174.85	JP_2018_Osake_EW	0.53 7	267.71	JP_2011_Tohoku_17_NS	0.77 4	420.43	JP_2018_Hokkaido_03_NS	0.38 5	117.61	JP_2018_Hokkaido_03_NS	0.38 5	117.61	PE_2011_24AGO_03_EW	4.00 0	417.75
	10	JP_2011_Fukushima_04_NS	0.56 2	176.93	JP_2011_Tohoku_26_NS	0.70 0	269.65	JP_2011_Tohoku_27_EW	0.92 2	556.46	JP_2011_Tohoku_03_NS	0.43 8	128.34	JP_2011_Tohoku_03_NS	0.43 8	128.34	PE_2011_24AGO_05_NS	4.00 0	417.05
	11	JP_2008_Iwate_02_NS	0.29 2	177.56	JP_2011_12APR_EW	0.93 8	273.33	JP_2011_Tohoku_29_EW	0.76 8	665.99	JP_2009_Shizuoca_01_EW	0.51 3	130.28	JP_2009_Shizuoca_01_EW	0.51 3	130.28	PE_2011_24AGO_06_EW	4.00 0	416.28
	12	JP_2009_Shizuoca_01_EW	0.69 0	198.66	JP_2003_Hokkaido_12_EW	1.03 4	288.48	JP_2011_Tohoku_41_NS	1.26 3	864.16	JP_2003_Hokkaido_01_NS	0.49 8	130.31	JP_2003_Hokkaido_01_NS	0.49 8	130.31	PE_2011_24AGO_07_EW	4.00 0	413.29
	13	JP_2011_Tohoku_03_NS	0.59 4	201.55	US_1989_Loma Prieta_04_0	0.61 0	299.69	JP_2016_Kumamoto_04_NS	0.81 5	360.44	JP_2011_Tohoku_31_NS	0.51 3	132.99	JP_2011_Tohoku_31_NS	0.51 3	132.99	PE_2011_24AGO_07_NS	4.00 0	412.97
	14	US_1992_Big Bear_360	0.61 0	205.50	JP_2003_Hokkaido_01_NS	0.81 6	303.05	JP_2021_Fukushima_01_EW	1.34 5	951.97	JP_2011_12APR_NS	0.66 3	133.39	JP_2011_12APR_NS	0.66 3	133.39	PE_2015_24NOV_01_EW	4.00 0	443.80
	15	JP_2011_Tohoku_56_EW	0.29 6	207.19	JP_2004_Chuetzu_04_EW	0.49 8	304.38	JP_2021_Fukushima_07_NS	0.82 1	338.71	TW_1999_ChiChi_09_360	0.35 5	139.60	TW_1999_ChiChi_09_360	0.35 5	139.60	PE_2015_24NOV_02_EW	4.00 0	444.60
	16	JP_2019_21FEB_NS	0.73 8	214.14	JP_2011_Tohoku_41_EW	0.57 5	313.15	JP_2021_Fukushima_08_EW	0.82 5	414.86	JP_2011_12APR_EW	0.60 3	140.42	JP_2011_12APR_EW	0.60 3	140.42	PE_2015_24NOV_02_NS	4.00 0	444.70
	17	JP_2003_Hokkaido_09_EW	0.32 9	217.93	JP_2019_21FEB_EW	1.09 2	313.19	TW_1999_ChiChi_10_90	0.81 9	662.13	US_1992_Big Bear_360	0.45 3	140.48	US_1992_Big Bear_360	0.45 3	140.48	PE_2015_24NOV_03_EW	4.00 0	442.56
	18	JP_2004_27OCT_03_NS	0.62 2	217.95	US_1991_SierraMadre_0	0.86 8	316.63	US_1989_Loma Prieta_02_0	1.11 8	388.78	JP_2008_Iwate_02_NS	0.25 0	141.70	JP_2008_Iwate_02_NS	0.25 0	141.70	PE_2015_24NOV_04_EW	4.00 0	426.39
	19	JP_2018_Hokkaido_03_NS	0.56 1	230.82	US_1992_Big Bear_270	0.81 2	319.85	US_1989_Loma Prieta_02_90	0.83 9	389.29	JP_2019_21FEB_NS	0.53 5	142.48	JP_2019_21FEB_NS	0.53 5	142.48	PE_2015_24NOV_05_NS	4.00 0	441.95
	20	JP_2011_Tohoku_11_EW	0.63 3	233.10	JP_2004_Chuetzu_06_NS	0.44 4	321.14	US_1991_SierraMadre_0	0.86 8	316.63	JP_2003_Hokkaido_09_EW	0.25 0	148.14	JP_2003_Hokkaido_09_EW	0.25 0	148.14	US_1987_WhittierNarrows_01_270	0.63 3	275.59

REGISTROS SELECCIONADOS CASO Nmr T=0.32s - TSepu-tr-475																			
Caso:		TSepu-tr-475_NSp_Sbs			TSepu-tr-475_NSp_Sci			TSepu-tr-475_NSp_Ssr			TSepu-tr-475_NSr_Sbs			TSepu-tr-475_NSr_Sci			TSepu-tr-475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	PE_2010_05MAY_01_EW	3.77 7	64.19	PE_2010_05MAY_01_EW	3.77 7	64.19	CH_2014_Iquique_02_EW	2.68 0	86.83	PE_1974_03OCT_EW	1.84 8	60.22	PE_1974_03OCT_EW	1.84 8	60.22	CH_2010_Maule_06_Long	0.78 3	103.24
	2	JP_2011_Tohoku_55_EW	0.96 0	74.93	JP_2011_Tohoku_55_EW	0.96 0	74.93	JP_1997_Shizuoca_NS	1.05 4	192.85	JP_2004_Chuetzu_05_EW	0.46 0	61.51	JP_2004_Chuetzu_05_EW	0.46 0	61.51	CH_2010_Maule_06_Transv	0.65 5	121.09
	3	JP_2003_Hokkaido_06_NS	0.91 6	76.57	JP_2003_Hokkaido_06_NS	0.91 6	76.57	JP_2003_Hokkaido_05_EW	0.73 5	151.04	JP_2004_Chuetzu_07_EW	0.64 8	62.44	JP_2004_Chuetzu_07_EW	0.64 8	62.44	CH_2012_GO05_NS	2.81 8	137.47
	4	PE_1974_03OCT_EW	1.63 7	77.87	PE_1974_03OCT_EW	1.63 7	77.87	JP_2003_Hokkaido_06_NS	0.91 6	76.57	PE_2010_05MAY_01_EW	3.78 8	64.13	PE_2010_05MAY_01_EW	3.78 8	64.13	JP_1997_Shizuoca_NS	1.06 1	192.87
	5	CH_2016_GO07_NS	1.05 6	79.28	CH_2016_GO07_NS	1.05 6	79.28	JP_2004_Chuetzu_06_EW	0.43 6	103.21	JP_2003_Hokkaido_06_NS	0.88 0	72.91	JP_2003_Hokkaido_06_NS	0.88 0	72.91	JP_2003_Miyagi_01_EW	0.42 3	202.44
	6	TW_1999_ChiChi_10_90	0.50 2	81.60	TW_1999_ChiChi_10_90	0.50 2	81.60	JP_2011_15MAR_NS	0.48 4	117.61	JP_2011_Tohoku_55_EW	0.94 0	74.36	JP_2011_Tohoku_55_EW	0.94 0	74.36	JP_2011_Miyagi_01_NS	0.46 0	150.60
	7	US_1994_Northridge_01_90	1.30 0	82.75	US_1994_Northridge_01_90	1.30 0	82.75	JP_2011_Tohoku_03_NS	0.36 4	252.23	CH_2016_GO07_NS	1.03 0	78.28	CH_2016_GO07_NS	1.03 0	78.28	JP_2011_Tohoku_22_EW	0.88 8	106.75
	8	CH_2010_Maule_04_Long	0.74 8	83.97	CH_2010_Maule_04_Long	0.74 8	83.97	JP_2011_Tohoku_11_EW	0.38 8	255.63	PE_2005_25SET_02_EW	3.06 1	78.69	PE_2005_25SET_02_EW	3.06 1	78.69	JP_2011_Tohoku_24_EW	0.71 5	174.02
	9	CH_2014_Iquique_02_EW	2.68 0	86.83	CH_2014_Iquique_02_EW	2.68 0	86.83	JP_2011_Tohoku_13_NS	0.48 1	172.02	JP_2011_Tohoku_50_NS	0.64 8	79.54	JP_2011_Tohoku_50_NS	0.64 8	79.54	JP_2011_Tohoku_29_EW	0.44 5	216.88
	10	JP_2011_Miyagi_17_NS	0.52 0	87.58	JP_2011_Miyagi_17_NS	0.52 0	87.58	JP_2011_Tohoku_17_NS	0.47 4	139.52	US_1994_Northridge_01_90	1.33 3	79.69	US_1994_Northridge_01_90	1.33 3	79.69	JP_2011_Tohoku_35_EW	0.41 5	161.45
	11	JP_2011_Tohoku_10_NS	0.47 8	92.14	JP_2011_Tohoku_10_NS	0.47 8	92.14	JP_2011_Tohoku_19_EW	0.93 0	148.09	CH_2010_Maule_04_Long	0.78 3	80.26	CH_2010_Maule_04_Long	0.78 3	80.26	JP_2011_Tohoku_42_EW	0.50 5	171.29
	12	JP_2011_Tohoku_09_NS	0.81 5	92.61	JP_2011_Tohoku_09_NS	0.81 5	92.61	JP_2011_Tohoku_29_EW	0.47 1	217.03	TW_1999_ChiChi_10_90	0.49 0	80.38	TW_1999_ChiChi_10_90	0.49 0	80.38	PE_1970_31MAY_EW	3.09 1	130.85
	13	JP_2011_Tohoku_44_NS	0.42 0	93.53	JP_2011_Tohoku_44_NS	0.42 0	93.53	JP_2011_Tohoku_42_NS	0.50 6	188.00	US_1989_Loma Prieta_06_0	0.96 3	80.87	US_1989_Loma Prieta_06_0	0.96 3	80.87	PE_1974_09NOV_02_NS	4.00 0	193.06
	14	TW_1999_ChiChi_08_90	0.57 7	93.88	TW_1999_ChiChi_08_90	0.57 7	93.88	JP_2011_Tohoku_44_EW	0.43 2	151.76	JP_2004_Chuetzu_07_NS	0.79 8	83.74	JP_2004_Chuetzu_07_NS	0.79 8	83.74	PE_2005_13JUN_02_EW	3.06 1	132.75
	15	JP_2009_Shizuoca_02_EW	0.96 2	94.76	JP_2009_Shizuoca_02_EW	0.96 2	94.76	JP_2011_Tohoku_44_NS	0.42 0	93.53	JP_2011_Tohoku_10_EW	0.43 8	84.16	JP_2011_Tohoku_10_EW	0.43 8	84.16	PE_2005_13JUN_03_EW	2.90 9	337.03
	16	US_1994_Northridge_02_90	0.93 4	96.21	US_1994_Northridge_02_90	0.93 4	96.21	JP_2018_Hokkaido_02_EW	0.59 4	130.06	JP_2011_Tohoku_10_NS	0.54 3	84.35	JP_2011_Tohoku_10_NS	0.54 3	84.35	PE_2011_24AGO_03_EW	4.00 0	508.03
	17	JP_2016_Kumamoto_05_EW	1.27 2	98.39	PE_1974_09NOV_01_NS	3.66 4	98.95	JP_2018_Hokkaido_03_EW	0.40 6	181.61	CH_2014_Iquique_02_EW	2.60 6	85.15	CH_2014_Iquique_02_EW	2.60 6	85.15	PE_2011_24AGO_06_EW	4.00 0	506.19
	18	PE_1974_09NOV_01_NS	3.66 4	98.95	JP_2011_Tohoku_09_EW	0.68 2	98.98	JP_2021_Fukushima_05_EW	1.51 2	322.38	CH_2010_Maule_03_Trans	0.76 8	85.54	CH_2010_Maule_03_Trans	0.76 8	85.54	TW_1999_ChiChi_08_90	0.61 8	90.32
	19	JP_2011_Tohoku_09_EW	0.68 2	98.98	JP_2004_Chuetzu_07_NS	0.71 6	99.40	JP_2021_Fukushima_10_EW	0.81 7	182.79	JP_2011_Miyagi_17_NS	0.52 0	87.59	JP_2011_Miyagi_17_NS	0.52 0	87.59	US_1986_North Palm Springs_90	1.12 1	119.85
	20	JP_2004_Chuetzu_07_NS	0.71 6	99.40	TW_1999_ChiChi_08_360	0.88 6	99.95	PE_2012_14MAY_NS	3.23 8	194.62	JP_2011_Miyagi_11_EW	0.44 5	89.86	JP_2011_Miyagi_11_EW	0.44 5	89.86	US_1991_Petrolia_90	0.77 5	117.26

MAP E	1	PE_2010_05MAY_01_EW	3.77 7	12.50	PE_2010_05MAY_01_EW	3.77 7	12.50	CH_2014_Iquique_02_EW	2.68 0	14.72	PE_2010_05MAY_01_EW	3.87 9	12.24	PE_2010_05MAY_01_EW	3.87 9	12.24	CH_2010_Maule_06_Long	0.88 0	20.98
	2	JP_2011_Tohoku_55_EW	0.96 0	14.24	JP_2011_Tohoku_55_EW	0.96 0	14.24	JP_1997_Shizuoca_NS	1.05 4	44.41	JP_2004_Chuetzu_07_EW	0.67 8	14.24	JP_2004_Chuetzu_07_EW	0.67 8	14.24	CH_2010_Maule_06_Transv	0.76 0	23.98
	3	CH_2014_Iquique_02_EW	2.68 0	14.72	CH_2014_Iquique_02_EW	2.68 0	14.72	JP_2003_Hokkaido_05_EW	0.73 5	30.70	JP_2011_Tohoku_55_EW	0.95 5	14.25	JP_2011_Tohoku_55_EW	0.95 5	14.25	CH_2016_GO07_NS	1.03 0	18.03
	4	JP_2003_Hokkaido_06_NS	0.91 6	15.97	JP_2003_Hokkaido_06_NS	0.91 6	15.97	JP_2003_Hokkaido_06_NS	0.91 6	15.97	CH_2014_Iquique_02_EW	2.66 7	14.72	CH_2014_Iquique_02_EW	2.66 7	14.72	JP_1997_Shizuoca_NS	1.09 1	44.33
	5	JP_2011_Tohoku_09_EW	0.68 2	16.85	JP_2011_Tohoku_09_EW	0.68 2	16.85	JP_2004_Chuetzu_06_EW	0.43 6	21.48	PE_1974_03OCT_EW	1.87 9	15.09	PE_1974_03OCT_EW	1.87 9	15.09	JP_2000_Tottori_01_EW	0.67 0	27.79
	6	US_1994_Northridge_01_90	1.30 0	17.44	US_1994_Northridge_01_90	1.30 0	17.44	JP_2011_15MAR_NS	0.48 4	28.13	JP_2003_Hokkaido_06_NS	0.88 8	15.66	JP_2003_Hokkaido_06_NS	0.88 8	15.66	JP_2003_Hokkaido_07_NS	1.03 0	27.28
	7	TW_1999_ChiChi_10_90	0.50 2	17.59	TW_1999_ChiChi_10_90	0.50 2	17.59	JP_2011_Tohoku_03_NS	0.36 4	52.97	JP_2011_Tohoku_09_EW	0.71 5	15.70	JP_2011_Tohoku_09_EW	0.71 5	15.70	JP_2003_Miyagi_01_EW	0.43 8	45.13
	8	CH_2016_GO07_NS	1.05 6	18.22	CH_2016_GO07_NS	1.05 6	18.22	JP_2011_Tohoku_11_EW	0.38 8	52.99	US_1989_Loma Prieta_06_0	0.85 8	16.05	US_1989_Loma Prieta_06_0	0.85 8	16.05	JP_2009_Shizuoca_03_EW	1.12 1	30.65
	9	JP_2011_Miyagi_17_NS	0.52 0	18.88	JP_2011_Miyagi_17_NS	0.52 0	18.88	JP_2011_Tohoku_13_NS	0.48 1	38.45	JP_2011_Tohoku_19_EW	0.80 5	16.08	JP_2011_Tohoku_19_EW	0.80 5	16.08	JP_2011_Miyagi_01_NS	0.49 8	34.49
	10	JP_2011_Tohoku_09_NS	0.81 5	18.93	JP_2011_Tohoku_09_NS	0.81 5	18.93	JP_2011_Tohoku_17_NS	0.47 4	27.18	JP_2011_Tohoku_50_NS	0.65 5	16.15	JP_2011_Tohoku_50_NS	0.65 5	16.15	JP_2011_Tohoku_22_EW	0.86 5	21.02
	11	CH_2016_GO07_EW	1.21 3	18.96	PE_1974_03OCT_EW	1.63 7	19.18	JP_2011_Tohoku_19_EW	0.93 0	22.36	JP_2011_Tohoku_55_NS	0.70 8	16.41	JP_2011_Tohoku_55_NS	0.70 8	16.41	JP_2011_Tohoku_24_EW	0.71 5	39.58
	12	PE_1974_03OCT_EW	1.63 7	19.18	JP_2009_Shizuoca_02_EW	0.96 2	19.23	JP_2011_Tohoku_29_EW	0.47 1	46.17	US_1994_Northridge_01_90	1.39 4	16.49	US_1994_Northridge_01_90	1.39 4	16.49	JP_2011_Tohoku_26_EW	0.77 5	26.87
	13	JP_2009_Shizuoca_02_EW	0.96 2	19.23	US_1986_North Palm Springs_0	0.91 4	19.36	JP_2011_Tohoku_42_NS	0.50 6	43.35	CH_2010_Maule_03_Trans	0.72 3	16.59	CH_2010_Maule_03_Trans	0.72 3	16.59	JP_2011_Tohoku_29_EW	0.56 5	45.74
	14	US_1986_North Palm Springs_0	0.91 4	19.36	US_1994_Northridge_02_90	0.93 4	19.66	JP_2011_Tohoku_44_EW	0.43 2	32.69	JP_2004_Chuetzu_07_NS	0.86 5	16.65	JP_2004_Chuetzu_07_NS	0.86 5	16.65	JP_2011_Tohoku_35_EW	0.45 3	35.74
	15	US_1994_Northridge_02_90	0.93 4	19.66	TW_1999_ChiChi_08_90	0.57 7	20.10	JP_2011_Tohoku_44_NS	0.42 0	21.86	TW_1999_ChiChi_10_90	0.50 5	17.60	TW_1999_ChiChi_10_90	0.50 5	17.60	PE_1974_09NOV_02_NS	4.00 0	39.31
	16	JP_2016_Kumamoto_05_EW	1.27 2	19.97	JP_2004_Chuetzu_07_EW	0.77 0	20.29	JP_2018_Hokkaido_02_EW	0.59 4	25.06	JP_2011_Tohoku_10_NS	0.55 0	17.62	JP_2011_Tohoku_10_NS	0.55 0	17.62	PE_2005_13JUN_03_EW	2.90 9	66.14
	17	TW_1999_ChiChi_08_90	0.57 7	20.10	JP_2011_Tohoku_38_EW	0.86 8	20.84	JP_2018_Hokkaido_03_EW	0.40 6	38.68	US_1986_North Palm Springs_0	0.99 3	17.72	US_1986_North Palm Springs_0	0.99 3	17.72	PE_2011_24AGO_03_EW	4.00 0	94.72
	18	JP_2004_Chuetzu_07_EW	0.77 0	20.29	PE_2005_25SET_02_EW	2.59 9	20.84	JP_2021_Fukushima_05_E W	1.51 2	59.67	CH_2016_GO07_NS	1.03 0	18.03	CH_2016_GO07_NS	1.03 0	18.03	PE_2011_24AGO_06_EW	4.00 0	94.58
	19	JP_2011_Tohoku_38_EW	0.86 8	20.84	JP_2004_Chuetzu_07_NS	0.71 6	21.11	JP_2021_Fukushima_10_E W	0.81 7	39.76	PE_2005_25SET_02_EW	2.97 0	18.04	PE_2005_25SET_02_EW	2.97 0	18.04	TW_1999_ChiChi_08_90	0.64 8	18.43
	20	PE_2005_25SET_02_EW	2.59 9	20.84	CH_2010_Maule_04_Long	0.74 8	21.32	PE_2012_14MAY_NS	3.23 8	40.78	JP_2011_Tohoku_38_EW	0.80 5	18.26	JP_2011_Tohoku_38_EW	0.80 5	18.26	US_1991_Petrolia_90	0.78 3	26.76
MSE	1	PE_1974_03OCT_EW	1.63 7	8190.08	PE_1974_03OCT_EW	1.63 7	8190.08	CH_2014_Iquique_02_EW	2.68 0	16187.35	PE_1974_03OCT_EW	1.81 8	5233.85	PE_1974_03OCT_EW	1.81 8	5233.85	CH_2010_Maule_06_Long	0.76 0	17427.18
	2	PE_2010_05MAY_01_EW	3.77 7	8671.48	PE_2010_05MAY_01_EW	3.77 7	8671.48	JP_1997_Shizuoca_NS	1.05 4	52403.08	JP_2004_Chuetzu_05_EW	0.45 3	7198.03	JP_2004_Chuetzu_07_EW	0.63 3	7821.92	CH_2010_Maule_06_Transv	0.65 5	20954.03
	3	CH_2010_Maule_04_Long	0.74 8	10359.35	CH_2010_Maule_04_Long	0.74 8	10359.35	JP_2003_Hokkaido_05_EW	0.73 5	32842.46	JP_2004_Chuetzu_07_EW	0.63 3	7821.92	PE_2010_05MAY_01_EW	3.69 7	8540.94	JP_1997_13MAY_NS	0.40 8	98644.36
	4	TW_1999_ChiChi_10_90	0.50 2	10900.92	TW_1999_ChiChi_10_90	0.50 2	10900.92	JP_2003_Hokkaido_06_NS	0.91 6	11829.34	PE_2010_05MAY_01_EW	3.69 7	8540.94	TW_1999_ChiChi_10_90	0.46 8	9475.63	JP_2000_Tottori_02_EW	0.50 5	56474.01
	5	US_1994_Northridge_01_90	1.30 0	11524.39	US_1994_Northridge_01_90	1.30 0	11524.39	JP_2004_Chuetzu_06_EW	0.43 6	15968.76	TW_1999_ChiChi_10_90	0.46 8	9475.63	JP_2003_Hokkaido_06_NS	0.85 0	9763.74	JP_2004_29NOV_02_EW	0.62 5	46193.13
	6	CH_2016_GO07_NS	1.05 6	11659.48	CH_2016_GO07_NS	1.05 6	11659.48	JP_2011_15MAR_NS	0.48 4	19584.22	JP_2003_Hokkaido_06_NS	0.85 0	9763.74	CH_2010_Maule_04_Long	0.77 5	9872.50	JP_2011_Tohoku_24_EW	0.68 5	39717.06
	7	JP_2003_Hokkaido_06_NS	0.91 6	11829.34	JP_2003_Hokkaido_06_NS	0.91 6	11829.34	JP_2011_Tohoku_03_NS	0.36 4	80761.55	CH_2010_Maule_04_Long	0.77 5	9872.50	JP_2004_Chuetzu_07_NS	0.79 0	10151.58	JP_2011_Tohoku_29_EW	0.43 8	59880.60
	8	JP_2011_Tohoku_10_NS	0.47 8	11839.72	JP_2011_Tohoku_10_NS	0.47 8	11839.72	JP_2011_Tohoku_11_EW	0.38 8	83012.32	JP_2004_Chuetzu_07_NS	0.79 0	10151.58	JP_2011_Tohoku_55_EW	0.88 0	10401.88	JP_2011_Tohoku_42_EW	0.50 5	39164.54
	9	JP_2011_Tohoku_44_NS	0.42 0	12453.15	JP_2011_Tohoku_44_NS	0.42 0	12453.15	JP_2011_Tohoku_13_NS	0.48 1	35759.07	JP_2011_Tohoku_55_EW	0.88 0	10401.88	US_1989_Loma Prieta_06_0	0.94 0	10573.79	PE_1974_09NOV_02_NS	4.00 0	47381.73
	10	JP_2011_Tohoku_55_EW	0.96 0	12909.09	JP_2011_Tohoku_55_EW	0.96 0	12909.09	JP_2011_Tohoku_17_NS	0.47 4	36831.68	US_1989_Loma Prieta_06_0	0.94 0	10573.79	CH_2016_GO07_NS	1.00 0	10621.59	PE_2001_07JUL_01_EW	4.00 0	108246.11
	11	TW_1999_ChiChi_08_90	0.57 7	13062.61	TW_1999_ChiChi_08_90	0.57 7	13062.61	JP_2011_Tohoku_19_EW	0.93 0	115828.38	CH_2016_GO07_NS	1.00 0	10621.59	JP_2011_Tohoku_10_NS	0.50 5	10903.22	PE_2005_13JUN_02_EW	3.00 0	24072.74
	12	JP_2004_Chuetzu_07_NS	0.71 6	13214.63	JP_2004_Chuetzu_07_NS	0.71 6	13214.63	JP_2011_Tohoku_29_EW	0.47 1	61872.18	JP_2011_Tohoku_10_NS	0.50 5	10903.22	US_1994_Northridge_01_90	1.33 3	11346.53	PE_2011_24AGO_01_EW	4.00 0	298985.02
	13	TW_1999_ChiChi_08_360	0.88 6	13771.52	TW_1999_ChiChi_08_360	0.88 6	13771.52	JP_2011_Tohoku_42_NS	0.50 6	52448.73	US_1994_Northridge_01_90	1.33 3	11346.53	CH_2010_Maule_03_Trans	0.76 0	11439.30	PE_2011_24AGO_03_EW	4.00 0	297802.47
	14	PE_1974_09NOV_01_NS	3.66 4	13838.96	PE_1974_09NOV_01_NS	3.66 4	13838.96	JP_2011_Tohoku_44_EW	0.43 2	33312.53	CH_2010_Maule_03_Trans	0.76 0	11439.30	JP_2011_Tohoku_10_EW	0.43 8	11581.06	PE_2011_24AGO_04_NS	4.00 0	208759.87
	15	US_1994_Northridge_02_90	0.93 4	14547.57	US_1994_Northridge_02_90	0.93 4	14547.57	JP_2011_Tohoku_44_NS	0.42 0	12453.15	JP_2011_Tohoku_10_EW	0.43 8	11581.06	PE_2005_25SET_02_EW	3.00 0	11770.36	PE_2011_24AGO_06_EW	4.00 0	294630.07
	16	JP_2004_Chuetzu_05_EW	0.38 1	15738.46	JP_1997_13MAY_EW	0.41 7	15798.29	JP_2018_Hokkaido_02_EW	0.59 4	27655.92	PE_2005_25SET_02_EW	3.00 0	11770.36	CH_2014_Iquique_02_EW	2.42 4	12102.82	PE_2011_24AGO_07_EW	4.00 0	287884.89
	17	JP_1997_13MAY_EW	0.41 7	15798.29	JP_2004_Chuetzu_06_EW	0.43 6	15968.76	JP_2018_Hokkaido_03_EW	0.40 6	43750.17	CH_2014_Iquique_02_EW	2.42 4	12102.82	JP_2011_Tohoku_44_NS	0.43 0	12231.98	PE_2015_24NOV_02_EW	4.00 0	334757.23
	18	JP_2004_Chuetzu_06_EW	0.43 6	15968.76	JP_2011_Miyagi_17_NS	0.52 0	16106.86	JP_2021_Fukushima_05_E W	1.51 2	216960.00	JP_2011_Tohoku_44_NS	0.43 0	12231.98	JP_2011_Miyagi_16_EW	0.81 3	12249.22	PE_2015_24NOV_02_NS	4.00 0	334896.33
	19	JP_2016_Kumamoto_05_EW	1.27 2	16033.51	CH_2014_Iquique_02_EW	2.68 0	16187.35	JP_2021_Fukushima_10_E W	0.81 7	48465.45	JP_2011_Miyagi_16_EW	0.81 3	12249.22	TW_1999_ChiChi_08_90	0.60 3	12493.71	US_1987_WhittierNarrows_02_0	0.61 8	93760.14

	20	JP_2011_Miyagi_17_NS	0.520	16106.86	JP_2011_Tohoku_10_EW	0.386	16468.83	PE_2012_14MAY_NS	3.238	53470.84	TW_1999_ChiChi_08_90	0.603	12493.71	JP_2011_Tohoku_50_NS	0.648	12660.53	US_1991_Petrolia_90	0.760	19030.24
RMS E	1	PE_1974_03OCT_EW	1.637	90.50	PE_1974_03OCT_EW	1.637	90.50	CH_2014_Iquique_02_EW	2.680	127.23	PE_1974_03OCT_EW	1.818	72.35	PE_1974_03OCT_EW	1.818	72.35	CH_2010_Maule_06_Long	0.760	132.01
	2	PE_2010_05MAY_01_EW	3.777	93.12	PE_2010_05MAY_01_EW	3.777	93.12	JP_1997_Shizuoca_NS	1.054	228.92	JP_2004_Chuetsu_05_EW	0.453	84.84	JP_2004_Chuetsu_07_EW	0.633	88.44	CH_2010_Maule_06_Transv	0.655	144.76
	3	CH_2010_Maule_04_Long	0.748	101.78	CH_2010_Maule_04_Long	0.748	101.78	JP_2003_Hokkaido_05_EW	0.735	181.22	JP_2004_Chuetsu_07_EW	0.633	88.44	PE_2010_05MAY_01_EW	3.697	92.42	JP_1997_13MAY_NS	0.408	314.08
	4	TW_1999_ChiChi_10_90	0.502	104.41	TW_1999_ChiChi_10_90	0.502	104.41	JP_2003_Hokkaido_06_NS	0.916	108.76	PE_2010_05MAY_01_EW	3.697	92.42	TW_1999_ChiChi_10_90	0.468	97.34	JP_2000_Tottori_02_EW	0.505	237.64
	5	US_1994_Northridge_01_90	1.300	107.35	US_1994_Northridge_01_90	1.300	107.35	JP_2004_Chuetsu_06_EW	0.436	126.37	TW_1999_ChiChi_10_90	0.468	97.34	JP_2003_Hokkaido_06_NS	0.850	98.81	JP_2004_29NOV_02_EW	0.625	214.93
	6	CH_2016_GO07_NS	1.056	107.98	CH_2016_GO07_NS	1.056	107.98	JP_2011_15MAR_NS	0.484	139.94	JP_2003_Hokkaido_06_NS	0.850	98.81	CH_2010_Maule_04_Long	0.775	99.36	JP_2011_Tohoku_24_EW	0.685	199.29
	7	JP_2003_Hokkaido_06_NS	0.916	108.76	JP_2003_Hokkaido_06_NS	0.916	108.76	JP_2011_Tohoku_03_NS	0.364	284.19	CH_2010_Maule_04_Long	0.775	99.36	JP_2004_Chuetsu_07_NS	0.790	100.76	JP_2011_Tohoku_29_EW	0.438	244.71
	8	JP_2011_Tohoku_10_NS	0.478	108.81	JP_2011_Tohoku_10_NS	0.478	108.81	JP_2011_Tohoku_11_EW	0.388	288.12	JP_2004_Chuetsu_07_NS	0.790	100.76	JP_2011_Tohoku_55_EW	0.880	101.99	JP_2011_Tohoku_42_EW	0.505	197.90
	9	JP_2011_Tohoku_44_NS	0.420	111.59	JP_2011_Tohoku_44_NS	0.420	111.59	JP_2011_Tohoku_13_NS	0.481	189.10	JP_2011_Tohoku_55_EW	0.880	101.99	US_1989_Loma Prieta_06_0	0.940	102.83	PE_1974_09NOV_02_NS	4.000	217.67
	10	JP_2011_Tohoku_55_EW	0.960	113.62	JP_2011_Tohoku_55_EW	0.960	113.62	JP_2011_Tohoku_17_NS	0.474	191.92	US_1989_Loma Prieta_06_0	0.940	102.83	CH_2016_GO07_NS	1.000	103.06	PE_2001_07JUL_01_EW	4.000	329.01
	11	TW_1999_ChiChi_08_90	0.577	114.29	TW_1999_ChiChi_08_90	0.577	114.29	JP_2011_Tohoku_19_EW	0.930	340.34	CH_2016_GO07_NS	1.000	103.06	JP_2011_Tohoku_10_NS	0.505	104.42	PE_2005_13JUN_02_EW	3.000	155.15
	12	JP_2004_Chuetsu_07_NS	0.716	114.95	JP_2004_Chuetsu_07_NS	0.716	114.95	JP_2011_Tohoku_29_EW	0.471	248.74	JP_2011_Tohoku_10_NS	0.505	104.42	US_1994_Northridge_01_90	1.333	106.52	PE_2011_24AGO_01_EW	4.000	546.80
	13	TW_1999_ChiChi_08_360	0.886	117.35	TW_1999_ChiChi_08_360	0.886	117.35	JP_2011_Tohoku_42_NS	0.506	229.02	US_1994_Northridge_01_90	1.333	106.52	CH_2010_Maule_03_Trans	0.760	106.95	PE_2011_24AGO_03_EW	4.000	545.71
	14	PE_1974_09NOV_01_NS	3.664	117.64	PE_1974_09NOV_01_NS	3.664	117.64	JP_2011_Tohoku_44_EW	0.432	182.52	CH_2010_Maule_03_Trans	0.760	106.95	JP_2011_Tohoku_10_EW	0.438	107.62	PE_2011_24AGO_04_NS	4.000	456.90
	15	US_1994_Northridge_02_90	0.934	120.61	US_1994_Northridge_02_90	0.934	120.61	JP_2011_Tohoku_44_NS	0.420	111.59	JP_2011_Tohoku_10_EW	0.438	107.62	PE_2005_25SET_02_EW	3.000	108.49	PE_2011_24AGO_06_EW	4.000	542.80
	16	JP_2004_Chuetsu_05_EW	0.381	125.45	JP_1997_13MAY_EW	0.417	125.69	JP_2018_Hokkaido_02_EW	0.594	166.30	PE_2005_25SET_02_EW	3.000	108.49	CH_2014_Iquique_02_EW	2.424	110.01	PE_2011_24AGO_07_EW	4.000	536.55
	17	JP_1997_13MAY_EW	0.417	125.69	JP_2004_Chuetsu_06_EW	0.436	126.37	JP_2018_Hokkaido_03_EW	0.406	209.17	CH_2014_Iquique_02_EW	2.424	110.01	JP_2011_Tohoku_44_NS	0.430	110.60	PE_2015_24NOV_02_EW	4.000	578.58
	18	JP_2004_Chuetsu_06_EW	0.436	126.37	JP_2011_Miyagi_17_NS	0.520	126.91	JP_2021_Fukushima_05_EW	1.512	465.79	JP_2011_Tohoku_44_NS	0.430	110.60	JP_2011_Miyagi_16_EW	0.813	110.68	PE_2015_24NOV_02_NS	4.000	578.70
	19	JP_2016_Kumamoto_05_EW	1.272	126.62	CH_2014_Iquique_02_EW	2.680	127.23	JP_2021_Fukushima_10_EW	0.817	220.15	JP_2011_Miyagi_16_EW	0.813	110.68	TW_1999_ChiChi_08_90	0.603	111.78	US_1987_WhittierNarrows_02_0	0.618	306.20
	20	JP_2011_Miyagi_17_NS	0.520	126.91	JP_2011_Tohoku_10_EW	0.386	128.33	PE_2012_14MAY_NS	3.238	231.24	TW_1999_ChiChi_08_90	0.603	111.78	JP_2011_Tohoku_50_NS	0.648	112.52	US_1991_Petrolia_90	0.760	137.95

REGISTROS SELECCIONADOS CASO Nmr T=0.32s - TSepu-tr-975																			
Caso:		TSepu-tr-975_NSp_Sbs			TSepu-tr-975_NSp_Sci			TSepu-tr-975_NSp_Ssr			TSepu-tr-975_NSr_Sbs			TSepu-tr-975_NSr_Sci			TSepu-tr-975_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	PE_1974_03OCT_EW	2.136	85.91	PE_1974_03OCT_EW	2.136	85.91	JP_2000_Tottori_05_NS	0.688	150.85	PE_1974_03OCT_EW	2.333	71.49	PE_1974_03OCT_EW	2.333	71.49	JP_2000_Tottori_01_EW	0.820	147.75
	2	CH_2010_Maule_04_Long	0.976	94.19	CH_2010_Maule_04_Long	0.976	94.19	JP_2003_Hokkaido_03_EW	0.631	143.13	JP_2004_Chuetsu_07_EW	0.820	74.57	JP_2004_Chuetsu_07_EW	0.820	74.57	JP_2000_Tottori_05_EW	0.828	254.20
	3	JP_2011_Tohoku_55_EW	1.253	94.52	JP_2011_Tohoku_55_EW	1.253	94.52	JP_2003_Hokkaido_07_NS	1.285	156.27	JP_2004_Chuetsu_05_EW	0.580	80.48	JP_2004_Chuetsu_05_EW	0.580	80.48	JP_2003_Hokkaido_14_NS	1.152	154.32
	4	TW_1999_ChiChi_10_90	0.655	103.29	TW_1999_ChiChi_10_90	0.655	103.29	JP_2003_Miyagi_03_EW	0.506	272.15	JP_2011_Tohoku_55_EW	1.212	89.79	JP_2011_Tohoku_55_EW	1.212	89.79	JP_2011_15MAR_NS	0.655	141.50
	5	US_1994_Northridge_01_90	1.696	103.91	US_1994_Northridge_01_90	1.696	103.91	JP_2004_14DEC_NS	0.835	182.78	CH_2010_Maule_04_Long	0.985	93.49	CH_2010_Maule_04_Long	0.985	93.49	JP_2011_Miyagi_08_EW	1.394	227.12
	6	JP_2003_Hokkaido_06_NS	1.195	105.91	JP_2003_Hokkaido_06_NS	1.195	105.91	JP_2011_12APR_EW	0.751	274.09	JP_2004_Chuetsu_07_NS	1.030	93.77	JP_2004_Chuetsu_07_NS	1.030	93.77	JP_2011_Miyagi_11_NS	0.640	161.91
	7	JP_2011_Tohoku_10_NS	0.624	109.40	JP_2011_Tohoku_10_NS	0.624	109.40	JP_2011_Fukushima_06_EW	0.836	183.44	JP_2003_Hokkaido_06_NS	1.121	95.90	JP_2003_Hokkaido_06_NS	1.121	95.90	JP_2011_Miyagi_13_EW	0.873	173.06
	8	JP_2011_Miyagi_17_NS	0.678	110.50	JP_2011_Miyagi_17_NS	0.678	110.50	JP_2011_Tohoku_11_EW	0.506	313.34	TW_1999_ChiChi_10_90	0.640	101.89	TW_1999_ChiChi_10_90	0.640	101.89	JP_2011_Tohoku_10_NS	0.663	104.28
	9	JP_2004_Chuetsu_07_NS	0.934	111.16	JP_2004_Chuetsu_07_NS	0.934	111.16	JP_2011_Tohoku_17_NS	0.619	163.33	PE_2005_25SET_02_EW	3.788	102.10	PE_2005_25SET_02_EW	3.788	102.10	JP_2011_Tohoku_19_EW	1.000	136.20
	10	TW_1999_ChiChi_08_90	0.753	112.27	TW_1999_ChiChi_08_90	0.753	112.27	JP_2011_Tohoku_53_EW	0.265	285.29	JP_2011_Tohoku_50_NS	0.805	103.24	JP_2011_Tohoku_50_NS	0.805	103.24	JP_2011_Tohoku_26_EW	0.895	177.02
	11	CH_2014_Iquique_02_EW	3.497	113.63	CH_2014_Iquique_02_EW	3.497	113.63	JP_2016_Kumamoto_04_NS	0.652	247.99	US_1994_Northridge_01_90	1.697	103.92	US_1994_Northridge_01_90	1.697	103.92	JP_2011_Tohoku_29_EW	0.588	268.33
	12	CH_2016_GO07_NS	1.378	114.69	CH_2016_GO07_NS	1.378	114.69	JP_2018_Hokkaido_04_EW	0.562	166.92	JP_2011_Tohoku_10_NS	0.663	104.28	JP_2011_Tohoku_10_NS	0.663	104.28	JP_2011_Tohoku_41_EW	0.550	229.47

	13	JP_2011_Tohoku_09_NS	1.063	117.84	JP_2011_Tohoku_09_NS	1.063	117.84	JP_2021_Fukushima_08_EW	0.660	227.62	JP_2011_Tohoku_10_EW	0.558	106.06	JP_2011_Tohoku_10_EW	0.558	106.06	JP_2016_Kumamoto_05_EW	1.545	130.50
	14	TW_1999_ChiChi_08_360	1.156	119.68	TW_1999_ChiChi_08_360	1.156	119.68	JP_2021_Fukushima_10_NS	0.727	237.96	CH_2016_GO07_NS	1.273	106.13	CH_2016_GO07_NS	1.273	106.13	PE_1966_17OCT_NS	1.667	184.57
	15	JP_2011_Tohoku_44_NS	0.548	119.75	JP_2011_Tohoku_44_NS	0.548	119.75	PE_1974_03OCT_NS	2.291	177.66	CH_2014_Iquique_02_EW	3.242	106.25	CH_2014_Iquique_02_EW	3.242	106.25	PE_1974_09NOV_02_NS	4.000	326.61
	16	US_1986_North Palm Springs_0	1.193	121.62	US_1986_North Palm Springs_0	1.193	121.62	PE_2010_05MAY_01_NS	4.000	152.04	CH_2010_Maule_03_Trans	0.985	108.82	CH_2010_Maule_03_Trans	0.985	108.82	PE_2010_05MAY_01_NS	4.000	152.01
	17	JP_2004_Chuetzu_05_EW	0.498	123.92	JP_2009_Shizuoca_02_EW	1.255	124.87	US_1986_North Palm Springs_90	1.286	159.80	JP_2011_Miyagi_17_NS	0.655	108.94	JP_2011_Miyagi_17_NS	0.655	108.94	PE_2012_14MAY_NS	4.000	251.82
	18	JP_2009_Shizuoca_02_EW	1.255	124.87	JP_2011_Tohoku_09_EW	0.890	126.86	US_1989_Loma Prieta_02_0	0.894	207.28	TW_1999_ChiChi_08_90	0.775	110.03	TW_1999_ChiChi_08_90	0.775	110.03	TW_1999_ChiChi_08_90	0.775	110.03
	19	JP_2011_Tohoku_09_EW	0.890	126.86	JP_2011_Tohoku_10_EW	0.503	127.05	US_1989_Loma Prieta_02_90	0.672	257.89	JP_2011_Tohoku_32_NS	1.000	111.69	JP_2011_Tohoku_32_NS	1.000	111.69	US_1986_North Palm Springs_90	1.455	142.70
	20	JP_2011_Tohoku_10_EW	0.503	127.05	PE_2005_25SET_02_EW	3.391	127.18	US_1991_SierraMadre_0	0.694	252.03	US_1989_Loma Prieta_06_0	1.182	114.77	US_1989_Loma Prieta_06_0	1.182	114.77	US_1994_Northridge_03_90	0.573	178.20
MAP E	1	JP_2011_Tohoku_55_EW	1.253	13.52	JP_2011_Tohoku_55_EW	1.253	13.52	JP_2000_Tottori_05_NS	0.688	29.53	JP_2011_Tohoku_55_EW	1.212	13.06	JP_2011_Tohoku_55_EW	1.212	13.06	CH_2015_Coquimbo_02_NS	0.790	43.37
	2	CH_2014_Iquique_02_EW	3.497	14.86	CH_2014_Iquique_02_EW	3.497	14.86	JP_2003_Hokkaido_03_EW	0.631	21.28	JP_2004_Chuetzu_07_EW	0.843	13.36	JP_2004_Chuetzu_07_EW	0.843	13.36	JP_2000_Tottori_01_EW	0.843	27.86
	3	JP_2011_Tohoku_09_EW	0.890	16.57	JP_2011_Tohoku_09_EW	0.890	16.57	JP_2003_Hokkaido_07_NS	1.285	26.93	PE_1974_03OCT_EW	2.394	14.27	PE_1974_03OCT_EW	2.394	14.27	JP_2003_Hokkaido_08_NS	0.408	30.24
	4	US_1994_Northridge_01_90	1.696	16.84	US_1994_Northridge_01_90	1.696	16.84	JP_2003_Miyagi_03_EW	0.506	47.03	CH_2014_Iquique_02_EW	3.364	14.31	CH_2014_Iquique_02_EW	3.364	14.31	JP_2011_15MAR_NS	0.715	25.13
	5	JP_2003_Hokkaido_06_NS	1.195	16.96	JP_2003_Hokkaido_06_NS	1.195	16.96	JP_2004_14DEC_NS	0.835	32.05	JP_2004_Chuetzu_07_NS	1.061	15.16	JP_2004_Chuetzu_07_NS	1.061	15.16	JP_2011_Miyagi_08_EW	1.424	33.87
	6	PE_1974_03OCT_EW	2.136	17.16	PE_1974_03OCT_EW	2.136	17.16	JP_2011_12APR_EW	0.751	48.74	JP_2003_Hokkaido_06_NS	1.121	15.94	JP_2003_Hokkaido_06_NS	1.121	15.94	JP_2011_Miyagi_11_NS	0.678	29.32
	7	TW_1999_ChiChi_10_90	0.655	17.39	TW_1999_ChiChi_10_90	0.655	17.39	JP_2011_Fukushima_06_EW	0.836	37.79	JP_2011_Tohoku_55_NS	0.903	16.36	JP_2011_Tohoku_55_NS	0.903	16.36	JP_2011_Miyagi_13_EW	0.820	29.50
	8	US_1986_North Palm Springs_0	1.193	17.96	US_1986_North Palm Springs_0	1.193	17.96	JP_2011_Tohoku_11_EW	0.506	51.74	JP_2011_Tohoku_09_EW	0.918	16.42	JP_2011_Tohoku_09_EW	0.918	16.42	JP_2011_Tohoku_10_NS	0.678	17.85
	9	JP_2011_Miyagi_17_NS	0.678	18.66	JP_2011_Miyagi_17_NS	0.678	18.66	JP_2011_Tohoku_17_NS	0.619	24.99	JP_2011_Tohoku_50_NS	0.805	16.61	JP_2011_Tohoku_50_NS	0.805	16.61	JP_2011_Tohoku_29_EW	0.678	44.70
	10	TW_1999_ChiChi_08_90	0.753	18.85	TW_1999_ChiChi_08_90	0.753	18.85	JP_2011_Tohoku_53_EW	0.265	48.98	JP_2011_Tohoku_19_EW	1.030	16.65	JP_2011_Tohoku_19_EW	1.030	16.65	JP_2011_Tohoku_41_NS	0.963	33.79
	11	JP_2004_Chuetzu_07_NS	0.934	18.87	JP_2004_Chuetzu_07_NS	0.934	18.87	JP_2016_Kumamoto_04_NS	0.652	43.18	US_1989_Loma Prieta_06_0	1.061	16.74	US_1989_Loma Prieta_06_0	1.061	16.74	JP_2011_Tohoku_55_EW	1.212	13.06
	12	JP_2011_Tohoku_09_NS	1.063	18.87	JP_2011_Tohoku_09_NS	1.063	18.87	JP_2018_Hokkaido_04_EW	0.562	26.74	US_1994_Northridge_01_90	1.727	16.79	US_1994_Northridge_01_90	1.727	16.79	JP_2016_Kumamoto_05_EW	1.515	19.60
	13	CH_2016_GO07_EW	1.582	19.42	CH_2010_Maule_04_Long	0.976	19.44	JP_2021_Fukushima_08_EW	0.660	41.78	CH_2010_Maule_03_Trans	0.918	16.90	CH_2010_Maule_03_Trans	0.918	16.90	PE_1970_31MAY_EW	4.000	28.64
	14	CH_2010_Maule_04_Long	0.976	19.44	PE_2005_25SET_02_EW	3.391	19.52	JP_2021_Fukushima_10_NS	0.727	39.48	TW_1999_ChiChi_10_90	0.655	17.39	TW_1999_ChiChi_10_90	0.655	17.39	PE_1974_09NOV_01_EW	3.485	26.02
	15	PE_2005_25SET_02_EW	3.391	19.52	JP_2011_Tohoku_10_NS	0.624	19.92	PE_1974_03OCT_NS	2.291	33.58	US_1986_North Palm Springs_0	1.212	17.70	US_1986_North Palm Springs_0	1.212	17.70	PE_1974_09NOV_02_NS	4.000	50.97
	16	JP_2011_Tohoku_10_NS	0.624	19.92	JP_2009_Shizuoca_02_EW	1.255	20.02	PE_2010_05MAY_01_NS	4.000	27.65	PE_2005_25SET_02_EW	3.697	17.78	PE_2005_25SET_02_EW	3.697	17.78	PE_2010_05MAY_01_NS	4.000	27.65
	17	JP_2009_Shizuoca_02_EW	1.255	20.02	TW_1999_ChiChi_08_360	1.156	20.04	US_1986_North Palm Springs_90	1.286	30.34	JP_2011_Tohoku_10_NS	0.678	17.85	JP_2011_Tohoku_10_NS	0.678	17.85	PE_2012_14MAY_NS	4.000	41.60
	18	TW_1999_ChiChi_08_360	1.156	20.04	CH_2016_GO07_NS	1.378	20.42	US_1989_Loma Prieta_02_0	0.894	38.92	TW_1999_ChiChi_08_90	0.805	18.16	TW_1999_ChiChi_08_90	0.805	18.16	TW_1999_ChiChi_08_90	0.805	18.16
	19	CH_2016_GO07_NS	1.378	20.42	US_1994_Northridge_02_90	1.219	21.07	US_1989_Loma Prieta_02_90	0.672	43.49	JP_2011_Tohoku_32_NS	1.000	18.30	JP_2011_Tohoku_32_NS	1.000	18.30	US_1991_Petrolia_90	0.993	26.32
	20	US_1989_Loma Prieta_06_90	1.360	20.69	JP_2003_Hokkaido_03_EW	0.631	21.28	US_1991_SierraMadre_0	0.694	43.51	JP_2011_Miyagi_17_NS	0.670	18.57	JP_2011_Miyagi_17_NS	0.670	18.57	US_1994_Northridge_03_90	0.595	24.64
MSE	1	PE_1974_03OCT_EW	2.136	10029.01	PE_1974_03OCT_EW	2.136	10029.01	JP_2000_Tottori_05_NS	0.688	33722.49	PE_1974_03OCT_EW	2.303	7156.08	PE_1974_03OCT_EW	2.303	7156.08	CH_2010_Maule_06_Long	0.963	28137.93
	2	CH_2010_Maule_04_Long	0.976	13996.80	CH_2010_Maule_04_Long	0.976	13996.80	JP_2003_Hokkaido_03_EW	0.631	40832.23	JP_2004_Chuetzu_07_EW	0.805	11824.46	JP_2004_Chuetzu_07_EW	0.805	11824.46	JP_2000_Tottori_01_EW	0.798	28987.99
	3	JP_2004_Chuetzu_07_NS	0.934	16757.48	JP_2004_Chuetzu_07_NS	0.934	16757.48	JP_2003_Hokkaido_07_NS	1.285	38284.50	JP_2004_Chuetzu_05_EW	0.580	12057.69	JP_2004_Chuetzu_05_EW	0.580	12057.69	JP_2003_Hokkaido_14_NS	1.121	36604.74
	4	JP_2011_Tohoku_10_NS	0.624	19005.93	JP_2011_Tohoku_10_NS	0.624	19005.93	JP_2003_Miyagi_03_EW	0.506	87691.68	JP_2004_Chuetzu_07_NS	1.000	13692.61	JP_2004_Chuetzu_07_NS	1.000	13692.61	JP_2011_15MAR_NS	0.663	28667.87
	5	JP_2011_Tohoku_44_NS	0.548	19496.66	JP_2011_Tohoku_44_NS	0.548	19496.66	JP_2004_14DEC_NS	0.835	59383.81	CH_2010_Maule_04_Long	0.993	13847.65	CH_2010_Maule_04_Long	0.993	13847.65	JP_2011_16AGO_02_EW	1.515	59611.56
	6	TW_1999_ChiChi_10_90	0.655	19609.17	TW_1999_ChiChi_10_90	0.655	19609.17	JP_2011_12APR_EW	0.751	95165.55	TW_1999_ChiChi_10_90	0.603	15052.33	TW_1999_ChiChi_10_90	0.603	15052.33	JP_2011_Miyagi_13_EW	0.798	42577.65
	7	TW_1999_ChiChi_08_90	0.753	19728.43	TW_1999_ChiChi_08_90	0.753	19728.43	JP_2011_Fukushima_06_EW	0.836	48811.75	JP_2011_Tohoku_55_EW	1.121	16323.26	JP_2011_Tohoku_55_EW	1.121	16323.26	JP_2011_Tohoku_26_EW	0.790	46412.67
	8	US_1994_Northridge_01_90	1.696	20074.34	US_1994_Northridge_01_90	1.696	20074.34	JP_2011_Tohoku_11_EW	0.506	125110.02	JP_2003_Hokkaido_06_NS	1.091	17534.02	JP_2003_Hokkaido_06_NS	1.091	17534.02	JP_2011_Tohoku_27_NS	0.798	81084.73
	9	TW_1999_ChiChi_08_360	1.156	20269.71	TW_1999_ChiChi_08_360	1.156	20269.71	JP_2011_Tohoku_17_NS	0.619	54434.11	JP_2011_Tohoku_10_NS	0.640	18570.68	JP_2011_Tohoku_10_NS	0.640	18570.68	JP_2011_Tohoku_29_EW	0.558	92636.11
	10	JP_2004_Chuetzu_05_EW	0.498	22469.83	CH_2016_GO07_NS	1.378	22856.42	JP_2011_Tohoku_53_EW	0.265	99788.05	CH_2010_Maule_03_Trans	0.963	18762.00	CH_2010_Maule_03_Trans	0.963	18762.00	JP_2011_Tohoku_35_EW	0.490	55205.58
	11	CH_2016_GO07_NS	1.378	22856.42	JP_2011_Tohoku_55_EW	1.253	23245.23	JP_2016_Kumamoto_04_NS	0.652	78176.92	CH_2014_Iquique_02_EW	3.061	18855.98	CH_2014_Iquique_02_EW	3.061	18855.98	JP_2011_Tohoku_38_NS	1.000	36842.02
	12																		

	1 2	JP_2011_Tohoku_55_EW	1.25 3	23245.2 3	JP_2003_Hokkaido_06_NS	1.19 5	23651.6 6	JP_2018_Hokkaido_04_EW	0.56 2	48778.41	CH_2016_GO07_NS	1.27 3	19073.8 0	CH_2016_GO07_NS	1.27 3	19073.8 0	JP_2011_Tohoku_45_NS	0.53 5	78920.82
	1 3	JP_2003_Hokkaido_06_NS	1.19 5	23651.6 6	JP_2011_Miyagi_17_NS	0.67 8	23842.5 4	JP_2021_Fukushima_08_EW	0.66 0	63732.72	PE_2005_25SET_02_EW	3.81 8	19207.7 8	PE_2005_25SET_02_EW	3.81 8	19207.7 8	JP_2016_Kumamoto_05_EW	1.54 5	27380.93
	1 4	JP_2011_Miyagi_17_NS	0.67 8	23842.5 4	US_2005_Anza_01_360	3.15 1	23930.3 1	JP_2021_Fukushima_10_NS	0.72 7	84420.08	JP_2011_Tohoku_10_EW	0.55 8	19454.2 9	JP_2011_Tohoku_10_EW	0.55 8	19454.2 9	PE_1970_31MAY_NS	4.00 0	24475.54
	1 5	US_2005_Anza_01_360	3.15 1	23930.3 1	US_1994_Northridge_02_90	1.21 9	24155.6 1	PE_1974_03OCT_NS	2.29 1	38769.16	JP_2011_Tohoku_44_NS	0.55 0	19495.4 1	JP_2011_Tohoku_44_NS	0.55 0	19495.4 1	PE_1974_09NOV_02_NS	4.00 0	126419.7 9
	1 6	US_1994_Northridge_02_90	1.21 9	24155.6 1	JP_2004_Chuetstu_06_EW	0.56 9	24540.5 4	PE_2010_05MAY_01_NS	4.00 0	31897.84	TW_1999_ChiChi_08_90	0.76 8	19547.5 3	TW_1999_ChiChi_08_90	0.76 8	19547.5 3	PE_2010_05MAY_01_NS	4.00 0	31889.12
	1 7	JP_2004_Chuetstu_06_EW	0.56 9	24540.5 4	JP_2011_Tohoku_10_EW	0.50 3	24725.6 1	US_1986_North Palm Springs_90	1.28 6	35088.55	US_1989_Loma Prieta_06_0	1.18 2	19691.3 2	US_1989_Loma Prieta_06_0	1.18 2	19691.3 2	PE_2012_14MAY_NS	4.00 0	89117.20
	1 8	JP_2011_Tohoku_10_EW	0.50 3	24725.6 1	PE_2005_25SET_02_EW	3.39 1	25673.0 7	US_1989_Loma Prieta_02_0	0.89 4	61002.41	JP_2004_14DEC_EW	0.48 3	19978.3 1	JP_2004_14DEC_EW	0.48 3	19978.3 1	TW_1999_ChiChi_08_90	0.76 8	19547.53
	1 9	JP_2004_Chuetstu_05_NS	0.44 8	24888.0 1	JP_1997_13MAY_EW	0.54 4	26646.1 5	US_1989_Loma Prieta_02_90	0.67 2	78401.62	US_1994_Northridge_01_90	1.69 7	20075.2 2	US_1994_Northridge_01_90	1.69 7	20075.2 2	US_1987_WhittierNarrows_02_90	0.70 8	110692.0 1
	2 0	PE_2005_25SET_02_EW	3.39 1	25673.0 7	JP_2011_Tohoku_32_NS	0.85 0	27383.4 2	US_1991_SierraMadre_0	0.69 4	84140.16	TW_1999_ChiChi_08_360	1.12 1	20110.7 0	TW_1999_ChiChi_08_360	1.12 1	20110.7 0	US_1992_Big Bear_270	0.85 8	73605.79
RMS E	1	PE_1974_03OCT_EW	2.13 6	100.14	PE_1974_03OCT_EW	2.13 6	100.14	JP_2000_Tottori_05_NS	0.68 8	183.64	PE_1974_03OCT_EW	2.30 3	84.59	PE_1974_03OCT_EW	2.30 3	84.59	CH_2010_Maule_06_Long	0.96 3	167.74
	2	CH_2010_Maule_04_Long	0.97 6	118.31	CH_2010_Maule_04_Long	0.97 6	118.31	JP_2003_Hokkaido_03_EW	0.63 1	202.07	JP_2004_Chuetstu_07_EW	0.80 5	108.74	JP_2004_Chuetstu_07_EW	0.80 5	108.74	JP_2000_Tottori_01_EW	0.79 8	170.26
	3	JP_2004_Chuetstu_07_NS	0.93 4	129.45	JP_2004_Chuetstu_07_NS	0.93 4	129.45	JP_2003_Hokkaido_07_NS	1.28 5	195.66	JP_2004_Chuetstu_05_EW	0.58 0	109.81	JP_2004_Chuetstu_05_EW	0.58 0	109.81	JP_2003_Hokkaido_14_NS	1.12 1	191.32
	4	JP_2011_Tohoku_10_NS	0.62 4	137.86	JP_2011_Tohoku_10_NS	0.62 4	137.86	JP_2003_Miyagi_03_EW	0.50 6	296.13	JP_2004_Chuetstu_07_NS	1.00 0	117.02	JP_2004_Chuetstu_07_NS	1.00 0	117.02	JP_2011_15MAR_NS	0.66 3	169.32
	5	JP_2011_Tohoku_44_NS	0.54 8	139.63	JP_2011_Tohoku_44_NS	0.54 8	139.63	JP_2004_14DEC_NS	0.83 5	243.69	CH_2010_Maule_04_Long	0.99 3	117.68	CH_2010_Maule_04_Long	0.99 3	117.68	JP_2011_16AGO_02_EW	1.51 5	244.15
	6	TW_1999_ChiChi_10_90	0.65 5	140.03	TW_1999_ChiChi_10_90	0.65 5	140.03	JP_2011_12APR_EW	0.75 1	308.49	TW_1999_ChiChi_10_90	0.60 3	122.69	TW_1999_ChiChi_10_90	0.60 3	122.69	JP_2011_Miyagi_13_EW	0.79 8	206.34
	7	TW_1999_ChiChi_08_90	0.75 3	140.46	TW_1999_ChiChi_08_90	0.75 3	140.46	JP_2011_Fukushima_06_EW	0.83 6	220.93	JP_2011_Tohoku_55_EW	1.12 1	127.76	JP_2011_Tohoku_55_EW	1.12 1	127.76	JP_2011_Tohoku_26_EW	0.79 0	215.44
	8	US_1994_Northridge_01_90	1.69 6	141.68	US_1994_Northridge_01_90	1.69 6	141.68	JP_2011_Tohoku_11_EW	0.50 6	353.71	JP_2003_Hokkaido_06_NS	1.09 1	132.42	JP_2003_Hokkaido_06_NS	1.09 1	132.42	JP_2011_Tohoku_27_NS	0.79 8	284.75
	9	TW_1999_ChiChi_08_360	1.15 6	142.37	TW_1999_ChiChi_08_360	1.15 6	142.37	JP_2011_Tohoku_17_NS	0.61 9	233.31	JP_2011_Tohoku_10_NS	0.64 0	136.27	JP_2011_Tohoku_10_NS	0.64 0	136.27	JP_2011_Tohoku_29_EW	0.55 8	304.36
	1 0	JP_2004_Chuetstu_05_EW	0.49 8	149.90	CH_2016_GO07_NS	1.37 8	151.18	JP_2011_Tohoku_53_EW	0.26 5	315.89	CH_2010_Maule_03_Trans	0.96 3	136.97	CH_2010_Maule_03_Trans	0.96 3	136.97	JP_2011_Tohoku_35_EW	0.49 0	234.96
	1 1	CH_2016_GO07_NS	1.37 8	151.18	JP_2011_Tohoku_55_EW	1.25 3	152.46	JP_2016_Kumamoto_04_NS	0.65 2	279.60	CH_2014_Iquique_02_EW	3.06 1	137.32	CH_2014_Iquique_02_EW	3.06 1	137.32	JP_2011_Tohoku_38_NS	1.00 0	191.94
	1 2	JP_2011_Tohoku_55_EW	1.25 3	152.46	JP_2003_Hokkaido_06_NS	1.19 5	153.79	JP_2018_Hokkaido_04_EW	0.56 2	220.86	CH_2016_GO07_NS	1.27 3	138.11	CH_2016_GO07_NS	1.27 3	138.11	JP_2011_Tohoku_45_NS	0.53 5	280.93
	1 3	JP_2003_Hokkaido_06_NS	1.19 5	153.79	JP_2011_Miyagi_17_NS	0.67 8	154.41	JP_2021_Fukushima_08_EW	0.66 0	252.45	PE_2005_25SET_02_EW	3.81 8	138.59	PE_2005_25SET_02_EW	3.81 8	138.59	JP_2016_Kumamoto_05_EW	1.54 5	165.47
	1 4	JP_2011_Miyagi_17_NS	0.67 8	154.41	US_2005_Anza_01_360	3.15 1	154.69	JP_2021_Fukushima_10_NS	0.72 7	290.55	JP_2011_Tohoku_10_EW	0.55 8	139.48	JP_2011_Tohoku_10_EW	0.55 8	139.48	PE_1970_31MAY_NS	4.00 0	156.45
	1 5	US_2005_Anza_01_360	3.15 1	154.69	US_1994_Northridge_02_90	1.21 9	155.42	PE_1974_03OCT_NS	2.29 1	196.90	JP_2011_Tohoku_44_NS	0.55 0	139.63	JP_2011_Tohoku_44_NS	0.55 0	139.63	PE_1974_09NOV_02_NS	4.00 0	355.56
	1 6	US_1994_Northridge_02_90	1.21 9	155.42	JP_2004_Chuetstu_06_EW	0.56 9	156.65	PE_2010_05MAY_01_NS	4.00 0	178.60	TW_1999_ChiChi_08_90	0.76 8	139.81	TW_1999_ChiChi_08_90	0.76 8	139.81	PE_2010_05MAY_01_NS	4.00 0	178.58
	1 7	JP_2004_Chuetstu_06_EW	0.56 9	156.65	JP_2011_Tohoku_10_EW	0.50 3	157.24	US_1986_North Palm Springs_90	1.28 6	187.32	US_1989_Loma Prieta_06_0	1.18 2	140.33	US_1989_Loma Prieta_06_0	1.18 2	140.33	PE_2012_14MAY_NS	4.00 0	298.53
	1 8	JP_2011_Tohoku_10_EW	0.50 3	157.24	PE_2005_25SET_02_EW	3.39 1	160.23	US_1989_Loma Prieta_02_0	0.89 4	246.99	JP_2004_14DEC_EW	0.48 3	141.34	JP_2004_14DEC_EW	0.48 3	141.34	TW_1999_ChiChi_08_90	0.76 8	139.81
	1 9	JP_2004_Chuetstu_05_NS	0.44 8	157.76	JP_1997_13MAY_EW	0.54 4	163.24	US_1989_Loma Prieta_02_90	0.67 2	280.00	US_1994_Northridge_01_90	1.69 7	141.69	US_1994_Northridge_01_90	1.69 7	141.69	US_1987_WhittierNarrows_02_90	0.70 8	332.70
	2 0	PE_2005_25SET_02_EW	3.39 1	160.23	JP_2011_Tohoku_32_NS	0.85 0	165.48	US_1991_SierraMadre_0	0.69 4	290.07	TW_1999_ChiChi_08_360	1.12 1	141.81	TW_1999_ChiChi_08_360	1.12 1	141.81	US_1992_Big Bear_270	0.85 8	271.30

REGISTROS SELECCIONADOS CASO Nmr T=0.32s - TSepu-tr-2475																			
Caso:		TSepu-tr-2475_NSp_Sbs			TSepu-tr-2475_NSp_Sci			TSepu-tr-2475_NSp_Ssr			TSepu-tr-2475_NSr_Sbs			TSepu-tr-2475_NSr_Sci			TSepu-tr-2475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	PE_1974_03OCT_EW	2.670	125.08	PE_1974_03OCT_EW	2.670	125.08	JP_1997_Shizuoca_EW	0.755	407.94	PE_1974_03OCT_EW	3.030	92.80	PE_1974_03OCT_EW	3.030	92.80	CH_2010_Maule_02_Transv	0.490	253.85
	2	JP_2011_Tohoku_55_EW	1.566	131.63	JP_2011_Tohoku_55_EW	1.566	131.63	JP_2000_Tottori_01_EW	1.056	200.38	JP_2004_Chuetstu_05_EW	0.745	101.25	JP_2004_Chuetstu_05_EW	0.745	101.25	CH_2010_Maule_06_Long	1.333	180.31
	3	CH_2010_Maule_04_Long	1.220	132.28	CH_2010_Maule_04_Long	1.220	132.28	JP_2003_Miyagi_01_EW	0.539	361.68	JP_2004_Chuetstu_07_EW	1.061	104.47	JP_2004_Chuetstu_07_EW	1.061	104.47	JP_2000_Tottori_01_EW	1.030	199.95
	4	US_1994_Northridge_01_90	2.121	133.53	US_1994_Northridge_01_90	2.121	133.53	JP_2003_Miyagi_10_EW	1.034	221.60	CH_2010_Maule_04_Long	1.273	126.78	CH_2010_Maule_04_Long	1.273	126.78	JP_2003_Hokkaido_07_NS	1.667	211.05
	5	JP_2003_Hokkaido_06_NS	1.494	133.69	JP_2003_Hokkaido_06_NS	1.494	133.69	JP_2004_Chuetstu_03_EW	0.917	332.58	JP_2011_Tohoku_55_EW	1.545	129.99	JP_2011_Tohoku_55_EW	1.545	129.99	JP_2011_15MAR_NS	0.850	188.84

	6	CH_2016_GO07_NS	1.722	134.35	CH_2016_GO07_NS	1.722	134.35	JP_2011_Miyagi_06_EW	1.906	310.85	JP_2003_Hokkaido_06_NS	1.424	130.10	JP_2003_Hokkaido_06_NS	1.424	130.10	JP_2011_Tohoku_10_NS	0.850	148.73
	7	TW_1999_ChiChi_10_90	0.819	139.62	TW_1999_ChiChi_10_90	0.819	139.62	JP_2011_Tohoku_03_EW	0.882	293.81	JP_2004_Chuettsu_07_NS	1.303	130.17	JP_2004_Chuettsu_07_NS	1.303	130.17	JP_2011_Tohoku_19_NS	1.182	200.24
	8	JP_2011_Miyagi_17_NS	0.848	141.74	JP_2011_Miyagi_17_NS	0.848	141.74	JP_2011_Tohoku_11_EW	0.633	416.53	CH_2016_GO07_NS	1.667	132.35	CH_2016_GO07_NS	1.667	132.35	JP_2011_Tohoku_28_EW	1.212	201.33
	9	TW_1999_ChiChi_08_90	0.942	146.35	TW_1999_ChiChi_08_90	0.942	146.35	JP_2011_Tohoku_17_NS	0.774	222.92	US_1994_Northridge_01_90	2.121	133.51	US_1994_Northridge_01_90	2.121	133.51	JP_2011_Tohoku_29_EW	0.738	354.29
	10	JP_2011_Tohoku_09_NS	1.329	146.73	JP_2011_Tohoku_09_NS	1.329	146.73	JP_2011_Tohoku_27_EW	0.922	268.96	CH_2010_Maule_03_Trans	1.303	134.83	CH_2010_Maule_03_Trans	1.303	134.83	JP_2011_Tohoku_35_EW	0.678	258.50
	11	JP_2009_Shizuoca_02_EW	1.569	152.51	JP_2009_Shizuoca_02_EW	1.569	152.51	JP_2011_Tohoku_29_EW	0.768	354.52	JP_2011_Tohoku_10_EW	0.738	139.09	JP_2011_Tohoku_10_EW	0.738	139.09	JP_2011_Tohoku_42_NS	0.828	301.27
	12	JP_2004_Chuettsu_07_NS	1.167	157.33	JP_2004_Chuettsu_07_NS	1.167	157.33	JP_2011_Tohoku_41_NS	1.263	298.07	TW_1999_ChiChi_10_90	0.820	139.66	TW_1999_ChiChi_10_90	0.820	139.66	JP_2011_Tohoku_45_EW	0.985	204.32
	13	JP_2011_Tohoku_10_NS	0.780	158.22	JP_2011_Tohoku_10_NS	0.780	158.22	JP_2016_Kumamoto_04_NS	0.815	330.28	JP_2011_Miyagi_17_NS	0.865	141.69	JP_2011_Miyagi_17_NS	0.865	141.69	JP_2016_Kumamoto_04_NS	1.091	271.71
	14	JP_2011_Tohoku_44_NS	0.685	160.20	JP_2011_Tohoku_44_NS	0.685	160.20	JP_2021_Fukushima_01_EW	1.345	283.29	TW_1999_ChiChi_08_90	0.978	142.95	TW_1999_ChiChi_08_90	0.978	142.95	JP_2018_Hokkaido_02_EW	1.121	191.30
	15	US_1994_Northridge_02_90	1.524	160.24	US_1994_Northridge_02_90	1.524	160.24	JP_2021_Fukushima_07_NS	0.821	332.88	JP_2011_Tohoku_50_NS	1.030	143.26	JP_2011_Tohoku_50_NS	1.030	143.26	JP_2018_Hokkaido_04_NS	0.595	257.10
	16	TW_1999_ChiChi_08_360	1.445	161.96	TW_1999_ChiChi_08_360	1.445	161.96	JP_2021_Fukushima_08_EW	0.825	308.87	US_1989_Loma Prieta_06_0	1.515	144.09	US_1989_Loma Prieta_06_0	1.515	144.09	JP_2021_Fukushima_05_EW	1.455	252.30
	17	JP_2016_Kumamoto_05_EW	2.075	164.08	US_1989_Loma Prieta_06_0	1.748	168.45	TW_1999_ChiChi_10_90	0.819	139.62	JP_2011_Miyagi_11_EW	0.715	144.37	JP_2011_Miyagi_11_EW	0.715	144.37	PE_1970_31MAY_EW	4.000	272.02
	18	US_1989_Loma Prieta_06_0	1.748	168.45	JP_2004_Chuettsu_06_EW	0.712	168.61	US_1989_Loma Prieta_02_0	1.118	283.44	JP_2011_Tohoku_09_NS	1.333	145.95	JP_2011_Tohoku_09_NS	1.333	145.95	PE_1974_09NOV_01_EW	3.939	214.58
	19	JP_2004_Chuettsu_06_EW	0.712	168.61	JP_2011_Tohoku_09_EW	1.112	168.93	US_1989_Loma Prieta_02_90	0.839	345.18	JP_2011_Tohoku_32_NS	1.333	146.73	JP_2011_Tohoku_32_NS	1.333	146.73	PE_2010_05MAY_01_NS	4.000	321.70
	20	JP_2011_Tohoku_09_EW	1.112	168.93	US_1989_Loma Prieta_05_195	3.600	171.11	US_1991_SierraMadre_0	0.868	338.44	CH_2014_Iquique_02_EW	4.000	147.76	CH_2014_Iquique_02_EW	4.000	147.76	PE_2012_14MAY_NS	4.000	438.77
MAPE	1	JP_2011_Tohoku_55_EW	1.566	14.32	JP_2011_Tohoku_55_EW	1.566	14.32	JP_1997_Shizuoca_EW	0.755	50.54	JP_2011_Tohoku_55_EW	1.545	14.38	JP_2011_Tohoku_55_EW	1.545	14.38	CH_2010_Maule_02_Transv	0.498	29.19
	2	JP_2003_Hokkaido_06_NS	1.494	16.70	JP_2003_Hokkaido_06_NS	1.494	16.70	JP_2000_Tottori_01_EW	1.056	29.14	PE_1974_03OCT_EW	3.091	14.44	PE_1974_03OCT_EW	3.091	14.44	JP_2000_Tottori_01_EW	1.061	29.15
	3	JP_2011_Tohoku_09_NS	1.329	17.17	JP_2011_Tohoku_09_NS	1.329	17.17	JP_2003_Miyagi_01_EW	0.539	49.84	JP_2004_Chuettsu_07_EW	1.091	14.62	JP_2004_Chuettsu_07_EW	1.091	14.62	JP_2003_Hokkaido_07_NS	1.818	27.07
	4	JP_2011_Tohoku_09_EW	1.112	17.27	JP_2011_Tohoku_09_EW	1.112	17.27	JP_2003_Miyagi_10_EW	1.034	29.95	JP_2011_Tohoku_55_NS	1.182	16.13	JP_2011_Tohoku_55_NS	1.182	16.13	JP_2003_Hokkaido_14_NS	1.697	21.66
	5	US_1994_Northridge_01_90	2.121	17.28	US_1994_Northridge_01_90	2.121	17.28	JP_2004_Chuettsu_03_EW	0.917	44.83	JP_2004_Chuettsu_07_NS	1.364	16.17	JP_2004_Chuettsu_07_NS	1.364	16.17	JP_2011_15MAR_NS	0.940	25.80
	6	TW_1999_ChiChi_10_90	0.819	18.78	TW_1999_ChiChi_10_90	0.819	18.78	JP_2011_Miyagi_06_EW	1.906	32.04	US_1989_Loma Prieta_06_0	1.394	16.20	US_1989_Loma Prieta_06_0	1.394	16.20	JP_2011_Miyagi_06_EW	1.758	31.03
	7	CH_2016_GO07_NS	1.722	19.05	CH_2016_GO07_NS	1.722	19.05	JP_2011_Tohoku_03_EW	0.882	39.05	JP_2003_Hokkaido_06_NS	1.455	16.53	JP_2003_Hokkaido_06_NS	1.455	16.53	JP_2011_Tohoku_10_NS	0.880	19.34
	8	JP_2011_Miyagi_17_NS	0.848	19.14	JP_2011_Miyagi_17_NS	0.848	19.14	JP_2011_Tohoku_11_EW	0.633	53.16	JP_2011_Tohoku_09_EW	1.182	16.74	JP_2011_Tohoku_09_EW	1.182	16.74	JP_2011_Tohoku_28_EW	1.212	23.18
	9	PE_1974_03OCT_EW	2.670	19.23	PE_1974_03OCT_EW	2.670	19.23	JP_2011_Tohoku_17_NS	0.774	27.08	US_1994_Northridge_01_90	2.273	16.87	US_1994_Northridge_01_90	2.273	16.87	JP_2011_Tohoku_29_EW	0.873	45.74
	10	JP_2016_Kumamoto_05_EW	2.075	19.27	JP_2009_Shizuoca_02_EW	1.569	19.51	JP_2011_Tohoku_27_EW	0.922	37.17	CH_2010_Maule_03_Trans	1.242	16.90	CH_2010_Maule_03_Trans	1.242	16.90	JP_2011_Tohoku_45_EW	1.000	25.55
	11	JP_2009_Shizuoca_02_EW	1.569	19.51	TW_1999_ChiChi_08_90	0.942	19.54	JP_2011_Tohoku_29_EW	0.768	46.05	CH_2014_Iquique_02_EW	4.000	16.99	CH_2014_Iquique_02_EW	4.000	16.99	JP_2016_Kumamoto_04_NS	1.121	36.94
	12	TW_1999_ChiChi_08_90	0.942	19.54	US_1986_North Palm Springs_0	1.491	20.13	JP_2011_Tohoku_41_NS	1.263	35.77	JP_2011_Tohoku_09_NS	1.333	17.13	JP_2011_Tohoku_09_NS	1.333	17.13	JP_2018_Hokkaido_02_EW	1.121	23.90
	13	US_1986_North Palm Springs_0	1.491	20.13	US_1994_Northridge_02_90	1.524	20.37	JP_2016_Kumamoto_04_NS	0.815	44.27	JP_2011_Tohoku_19_EW	1.333	17.34	JP_2011_Tohoku_19_EW	1.333	17.34	JP_2018_Hokkaido_04_NS	0.595	33.40
	14	CH_2016_GO07_EW	1.978	20.26	JP_2003_Hokkaido_03_EW	0.789	20.84	JP_2021_Fukushima_01_EW	1.345	28.20	JP_2011_Tohoku_50_NS	1.030	17.57	JP_2011_Tohoku_50_NS	1.030	17.57	JP_2018_Hokkaido_06_NS	1.697	29.74
	15	US_1994_Northridge_02_90	1.524	20.37	CH_2010_Maule_04_Long	1.220	20.94	JP_2021_Fukushima_07_NS	0.821	47.14	JP_2011_Tohoku_32_NS	1.333	18.40	JP_2011_Tohoku_32_NS	1.333	18.40	PE_1970_31MAY_EW	4.000	37.81
	16	JP_2003_Hokkaido_03_EW	0.789	20.84	JP_2004_Chuettsu_07_NS	1.167	21.02	JP_2021_Fukushima_08_EW	0.825	43.34	TW_1999_ChiChi_08_90	1.030	18.57	TW_1999_ChiChi_08_90	1.030	18.57	PE_1974_09NOV_01_EW	4.000	27.64
	17	CH_2010_Maule_04_Long	1.220	20.94	JP_2004_Chuettsu_07_EW	1.256	21.25	TW_1999_ChiChi_10_90	0.819	18.78	TW_1999_ChiChi_10_90	0.828	18.74	TW_1999_ChiChi_10_90	0.828	18.74	PE_2001_07JUL_02_NS	4.000	26.40
	18	JP_2004_Chuettsu_07_NS	1.167	21.02	TW_1999_ChiChi_08_360	1.445	21.28	US_1989_Loma Prieta_02_0	1.118	40.60	CH_2016_GO07_NS	1.667	18.75	CH_2016_GO07_NS	1.667	18.75	PE_2010_05MAY_01_NS	4.000	41.51
	19	JP_2004_Chuettsu_07_EW	1.256	21.25	TW_1999_ChiChi_01_90	0.648	21.76	US_1989_Loma Prieta_02_90	0.839	45.02	JP_2016_Kumamoto_05_EW	2.000	18.85	JP_2016_Kumamoto_05_EW	2.000	18.85	PE_2012_14MAY_NS	4.000	53.88
	20	TW_1999_ChiChi_08_360	1.445	21.28	JP_2011_Tohoku_38_EW	1.416	21.78	US_1991_SierraMadre_0	0.868	44.98	JP_2011_Miyagi_17_NS	0.873	18.88	JP_2011_Miyagi_17_NS	0.873	18.88	US_1994_Northridge_03_90	0.805	25.18
MSE	1	PE_1974_03OCT_EW	2.670	20381.86	PE_1974_03OCT_EW	2.670	20381.86	JP_1997_Shizuoca_EW	0.755	204429.93	PE_1974_03OCT_EW	2.939	12628.58	PE_1974_03OCT_EW	2.939	12628.58	CH_2010_Maule_02_Transv	0.543	122030.35
	2	CH_2010_Maule_04_Long	1.220	26309.62	CH_2010_Maule_04_Long	1.220	26309.62	JP_2000_Tottori_01_EW	1.056	53701.42	JP_2004_Chuettsu_05_EW	0.738	18528.07	JP_2004_Chuettsu_05_EW	0.738	18528.07	JP_2003_Hokkaido_07_NS	1.576	67839.20
	3	US_1994_Northridge_01_90	2.121	32396.81	US_1994_Northridge_01_90	2.121	32396.81	JP_2003_Miyagi_01_EW	0.539	175787.68	JP_2004_Chuettsu_07_EW	1.030	20304.45	JP_2004_Chuettsu_07_EW	1.030	20304.45	JP_2003_Hokkaido_14_NS	1.424	65549.40
	4	TW_1999_ChiChi_10_90	0.819	32527.25	TW_1999_ChiChi_10_90	0.819	32527.25	JP_2003_Miyagi_10_EW	1.034	70744.25	CH_2010_Maule_04_Long	1.273	25064.89	CH_2010_Maule_04_Long	1.273	25064.89	JP_2003_Miyagi_10_EW	0.978	68059.55
	5	CH_2016_GO07_NS	1.722	32599.55	CH_2016_GO07_NS	1.722	32599.55	JP_2004_Chuettsu_03_EW	0.917	151871.16	JP_2004_Chuettsu_07_NS	1.303	25453.06	JP_2004_Chuettsu_07_NS	1.303	25453.06	JP_2011_15MAR_NS	0.850	51102.74
	6	JP_2004_Chuettsu_07_NS	1.167	33441.17	JP_2004_Chuettsu_07_NS	1.167	33441.17	JP_2011_Miyagi_06_EW	1.906	265498.18	TW_1999_ChiChi_10_90	0.768	28300.08	TW_1999_ChiChi_10_90	0.768	28300.08	JP_2011_Tohoku_10_NS	0.820	34903.85
	7	TW_1999_ChiChi_08_90	0.942	33915.07	TW_1999_ChiChi_08_90	0.942	33915.07	JP_2011_Tohoku_03_EW	0.882	104653.63	CH_2010_Maule_03_Trans	1.242	29329.75	CH_2010_Maule_03_Trans	1.242	29329.75	JP_2011_Tohoku_19_EW	1.000	117350.56
	8	JP_2011_Tohoku_44_NS	0.685	34992.56	JP_2011_Tohoku_44_NS	0.685	34992.56	JP_2011_Tohoku_11_EW	0.633	217217.17	CH_2016_GO07_NS	1.636	29640.54	CH_2016_GO07_NS	1.636	29640.54	JP_2011_Tohoku_26_EW	1.000	84830.41
	9	JP_2011_Tohoku_10_NS	0.780	36956.14	JP_2011_Tohoku_10_NS	0.780	36956.14	JP_2011_Tohoku_17_NS	0.774	92498.38	US_1989_Loma Prieta_06_0	1.515	30714.92	US_1989_Loma Prieta_06_0	1.515	30714.92	JP_2011_Tohoku_28_EW	1.121	59208.92
	10	TW_1999_ChiChi_08_360	1.445	37011.38	TW_1999_ChiChi_08_360	1.445	37011.38	JP_2011_Tohoku_27_EW	0.922	95011.26	JP_2003_Hokkaido_06_NS	1.364	31384.20	JP_2003_Hokkaido_06_NS	1.364	31384.20	JP_2011_Tohoku_29_EW	0.708	160456.06

	11	JP_2003_Hokkaido_06_NS	1.494	37453.04	JP_2003_Hokkaido_06_NS	1.494	37453.04	JP_2011_Tohoku_29_EW	0.768	166133.80	US_1994_Northridge_01_90	2.152	32059.20	US_1994_Northridge_01_90	2.152	32059.20	JP_2011_Tohoku_35_EW	0.633	90707.16
	12	JP_2011_Miyagi_17_NS	0.848	38372.95	JP_2011_Miyagi_17_NS	0.848	38372.95	JP_2011_Tohoku_41_NS	1.263	189967.72	JP_2011_Tohoku_55_EW	1.424	32316.18	JP_2011_Tohoku_55_EW	1.424	32316.18	JP_2011_Tohoku_36_EW	0.760	114034.25
	13	US_1994_Northridge_02_90	1.524	38768.97	US_1994_Northridge_02_90	1.524	38768.97	JP_2016_Kumamoto_04_NS	0.815	139420.39	TW_1999_ChiChi_08_90	0.985	32489.08	TW_1999_ChiChi_08_90	0.985	32489.08	JP_2011_Tohoku_41_NS	0.940	96882.07
	14	JP_2011_Tohoku_55_EW	1.566	39613.56	JP_2011_Tohoku_55_EW	1.566	39613.56	JP_2021_Fukushima_01_EW	1.345	220209.71	CH_2014_Iquique_02_EW	3.909	33251.69	CH_2014_Iquique_02_EW	3.909	33251.69	JP_2011_Tohoku_54_NS	0.843	116389.40
	15	JP_2004_Chuetstu_06_EW	0.712	40056.60	JP_2004_Chuetstu_06_EW	0.712	40056.60	JP_2021_Fukushima_07_NS	0.821	134561.09	JP_2011_Tohoku_10_EW	0.715	33817.96	JP_2011_Tohoku_10_EW	0.715	33817.96	JP_2016_Kumamoto_04_NS	1.030	101607.07
	16	JP_2004_Chuetstu_05_EW	0.622	40920.99	JP_2009_Shizuoca_02_EW	1.569	43069.99	JP_2021_Fukushima_08_EW	0.825	116954.48	JP_2011_Tohoku_44_NS	0.700	34516.82	JP_2011_Tohoku_44_NS	0.700	34516.82	JP_2021_Fukushima_05_EW	1.394	119151.21
	17	JP_2009_Shizuoca_02_EW	1.569	43069.99	JP_1997_13MAY_EW	0.679	43850.63	TW_1999_ChiChi_10_90	0.819	32527.25	JP_2011_Tohoku_32_NS	1.212	34897.58	JP_2011_Tohoku_32_NS	1.212	34897.58	PE_1970_31MAY_EW	4.000	97432.73
	18	JP_1997_13MAY_EW	0.679	43850.63	US_1991_Petrolia_90	1.271	44333.24	US_1989_Loma Prieta_02_0	1.118	112632.08	JP_2011_Tohoku_10_NS	0.820	34903.85	JP_2011_Tohoku_10_NS	0.820	34903.85	PE_1974_09NOV_01_EW	3.939	60779.61
	19	US_1991_Petrolia_90	1.271	44333.24	US_2005_Anza_01_360	3.939	45814.56	US_1989_Loma Prieta_02_90	0.839	139674.06	JP_2011_Miyagi_11_EW	0.738	35733.07	JP_2011_Miyagi_11_EW	0.738	35733.07	PE_2010_05MAY_01_NS	4.000	121458.10
	20	JP_2016_Kumamoto_05_EW	2.075	45450.16	JP_2011_Tohoku_10_EW	0.629	46153.71	US_1991_SierraMadre_0	0.868	151935.69	TW_1999_ChiChi_08_360	1.455	37039.94	TW_1999_ChiChi_08_360	1.455	37039.94	PE_2012_14MAY_NS	4.000	234569.49
RMSE	1	PE_1974_03OCT_EW	2.670	142.77	PE_1974_03OCT_EW	2.670	142.77	JP_1997_Shizuoca_EW	0.755	452.14	PE_1974_03OCT_EW	2.939	112.38	PE_1974_03OCT_EW	2.939	112.38	CH_2010_Maule_02_Transv	0.543	349.33
	2	CH_2010_Maule_04_Long	1.220	162.20	CH_2010_Maule_04_Long	1.220	162.20	JP_2000_Tottori_01_EW	1.056	231.74	JP_2004_Chuetstu_05_EW	0.738	136.12	JP_2004_Chuetstu_05_EW	0.738	136.12	JP_2003_Hokkaido_07_NS	1.576	260.46
	3	US_1994_Northridge_01_90	2.121	179.99	US_1994_Northridge_01_90	2.121	179.99	JP_2003_Miyagi_01_EW	0.539	419.27	JP_2004_Chuetstu_07_EW	1.030	142.49	JP_2004_Chuetstu_07_EW	1.030	142.49	JP_2003_Hokkaido_14_NS	1.424	256.03
	4	TW_1999_ChiChi_10_90	0.819	180.35	TW_1999_ChiChi_10_90	0.819	180.35	JP_2003_Miyagi_10_EW	1.034	265.98	CH_2010_Maule_04_Long	1.273	158.32	CH_2010_Maule_04_Long	1.273	158.32	JP_2003_Miyagi_10_EW	0.978	260.88
	5	CH_2016_GO07_NS	1.722	180.55	CH_2016_GO07_NS	1.722	180.55	JP_2004_Chuetstu_03_EW	0.917	389.71	JP_2004_Chuetstu_07_NS	1.303	159.54	JP_2004_Chuetstu_07_NS	1.303	159.54	JP_2011_15MAR_NS	0.850	226.06
	6	JP_2004_Chuetstu_07_NS	1.167	182.87	JP_2004_Chuetstu_07_NS	1.167	182.87	JP_2011_Miyagi_06_EW	1.906	515.27	TW_1999_ChiChi_10_90	0.768	168.23	TW_1999_ChiChi_10_90	0.768	168.23	JP_2011_Tohoku_10_NS	0.820	186.83
	7	TW_1999_ChiChi_08_90	0.942	184.16	TW_1999_ChiChi_08_90	0.942	184.16	JP_2011_Tohoku_03_EW	0.882	323.50	CH_2010_Maule_03_Trans	1.242	171.26	CH_2010_Maule_03_Trans	1.242	171.26	JP_2011_Tohoku_19_EW	1.000	342.56
	8	JP_2011_Tohoku_44_NS	0.685	187.06	JP_2011_Tohoku_44_NS	0.685	187.06	JP_2011_Tohoku_11_EW	0.633	466.07	CH_2016_GO07_NS	1.636	172.16	CH_2016_GO07_NS	1.636	172.16	JP_2011_Tohoku_26_EW	1.000	291.26
	9	JP_2011_Tohoku_10_NS	0.780	192.24	JP_2011_Tohoku_10_NS	0.780	192.24	JP_2011_Tohoku_17_NS	0.774	304.14	US_1989_Loma Prieta_06_0	1.515	175.26	US_1989_Loma Prieta_06_0	1.515	175.26	JP_2011_Tohoku_28_EW	1.121	243.33
	10	TW_1999_ChiChi_08_360	1.445	192.38	TW_1999_ChiChi_08_360	1.445	192.38	JP_2011_Tohoku_27_EW	0.922	308.24	JP_2003_Hokkaido_06_NS	1.364	177.16	JP_2003_Hokkaido_06_NS	1.364	177.16	JP_2011_Tohoku_29_EW	0.708	400.57
	11	JP_2003_Hokkaido_06_NS	1.494	193.53	JP_2003_Hokkaido_06_NS	1.494	193.53	JP_2011_Tohoku_29_EW	0.768	407.60	US_1994_Northridge_01_90	2.152	179.05	US_1994_Northridge_01_90	2.152	179.05	JP_2011_Tohoku_35_EW	0.633	301.18
	12	JP_2011_Miyagi_17_NS	0.848	195.89	JP_2011_Miyagi_17_NS	0.848	195.89	JP_2011_Tohoku_41_NS	1.263	435.85	JP_2011_Tohoku_55_EW	1.424	179.77	JP_2011_Tohoku_55_EW	1.424	179.77	JP_2011_Tohoku_36_EW	0.760	337.69
	13	US_1994_Northridge_02_90	1.524	196.90	US_1994_Northridge_02_90	1.524	196.90	JP_2016_Kumamoto_04_NS	0.815	373.39	TW_1999_ChiChi_08_90	0.985	180.25	TW_1999_ChiChi_08_90	0.985	180.25	JP_2011_Tohoku_41_NS	0.940	311.26
	14	JP_2011_Tohoku_55_EW	1.566	199.03	JP_2011_Tohoku_55_EW	1.566	199.03	JP_2021_Fukushima_01_EW	1.345	469.27	CH_2014_Iquique_02_EW	3.909	182.35	CH_2014_Iquique_02_EW	3.909	182.35	JP_2011_Tohoku_54_NS	0.843	341.16
	15	JP_2004_Chuetstu_06_EW	0.712	200.14	JP_2004_Chuetstu_06_EW	0.712	200.14	JP_2021_Fukushima_07_NS	0.821	366.83	JP_2011_Tohoku_10_EW	0.715	183.90	JP_2011_Tohoku_10_EW	0.715	183.90	JP_2016_Kumamoto_04_NS	1.030	318.76
	16	JP_2004_Chuetstu_05_EW	0.622	202.29	JP_2009_Shizuoca_02_EW	1.569	207.53	JP_2021_Fukushima_08_EW	0.825	341.99	JP_2011_Tohoku_44_NS	0.700	185.79	JP_2011_Tohoku_44_NS	0.700	185.79	JP_2021_Fukushima_05_EW	1.394	345.18
	17	JP_2009_Shizuoca_02_EW	1.569	207.53	JP_1997_13MAY_EW	0.679	209.41	TW_1999_ChiChi_10_90	0.819	180.35	JP_2011_Tohoku_32_NS	1.212	186.81	JP_2011_Tohoku_32_NS	1.212	186.81	PE_1970_31MAY_EW	4.000	312.14
	18	JP_1997_13MAY_EW	0.679	209.41	US_1991_Petrolia_90	1.271	210.55	US_1989_Loma Prieta_02_0	1.118	335.61	JP_2011_Tohoku_10_NS	0.820	186.83	JP_2011_Tohoku_10_NS	0.820	186.83	PE_1974_09NOV_01_EW	3.939	246.54
	19	US_1991_Petrolia_90	1.271	210.55	US_2005_Anza_01_360	3.939	214.04	US_1989_Loma Prieta_02_90	0.839	373.73	JP_2011_Miyagi_11_EW	0.738	189.03	JP_2011_Miyagi_11_EW	0.738	189.03	PE_2010_05MAY_01_NS	4.000	348.51
	20	JP_2016_Kumamoto_05_EW	2.075	213.19	JP_2011_Tohoku_10_EW	0.629	214.83	US_1991_SierraMadre_0	0.868	389.79	TW_1999_ChiChi_08_360	1.455	192.46	TW_1999_ChiChi_08_360	1.455	192.46	PE_2012_14MAY_NS	4.000	484.32

REGISTROS SELECCIONADOS CASO Nmr T=0.40s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2011_Tohoku_55_EW	1.33 4	81.56	JP_2011_Tohoku_55_EW	1.33 4	81.56	CH_2012_GO05_EW	2.28 4	170.50	JP_2004_Chuetstu_07_NS	1.18 2	66.20	JP_2004_Chuetstu_07_NS	1.18 2	66.20	CH_2010_Maule_04_Transv	0.73 8	155.83
	2	JP_2003_Hokkaido_06_NS	1.22 4	94.38	JP_2003_Hokkaido_06_NS	1.22 4	94.38	JP_2000_Tottori_05_NS	0.66 5	177.28	JP_2004_Chuetstu_07_EW	0.92 5	74.45	JP_2004_Chuetstu_07_EW	0.92 5	74.45	JP_2000_Tottori_01_EW	0.94 0	163.87
	3	JP_2004_Chuetstu_07_NS	1.00 2	96.70	JP_2004_Chuetstu_07_NS	1.00 2	96.70	JP_2003_Hokkaido_05_EW	1.74 1	176.31	JP_2011_Tohoku_55_EW	1.30 3	79.50	JP_2011_Tohoku_55_EW	1.30 3	79.50	JP_2003_Hokkaido_01_NS	0.94 8	256.47
	4	JP_2011_Tohoku_01_NS	0.72 5	105.26	JP_2011_Tohoku_01_NS	0.72 5	105.26	JP_2004_23OCT_NS	2.15 4	173.58	PE_1974_03OCT_EW	2.54 5	84.27	PE_1974_03OCT_EW	2.54 5	84.27	JP_2003_Hokkaido_03_NS	0.92 5	116.70
	5	PE_2001_07JUL_02_EW	3.40 0	106.24	PE_2001_07JUL_02_EW	3.40 0	106.24	JP_2004_Chuetstu_03_EW	0.99 9	215.02	CH_2014_Iquique_02_EW	3.45 5	86.22	CH_2014_Iquique_02_EW	3.45 5	86.22	JP_2003_Hokkaido_07_NS	1.45 5	153.34
	6	TW_1999_ChiChi_08_360	1.17 6	108.86	TW_1999_ChiChi_08_360	1.17 6	108.86	JP_2004_Chuetstu_07_NS	1.00 2	96.70	JP_2003_Hokkaido_06_NS	1.21 2	94.07	JP_2003_Hokkaido_06_NS	1.21 2	94.07	JP_2009_Shizuoca_03_EW	1.48 5	160.91
	7	TW_1999_ChiChi_10_90	0.76 8	109.22	TW_1999_ChiChi_10_90	0.76 8	109.22	JP_2009_Shizuoca_03_EW	1.31 1	171.61	JP_2011_Tohoku_01_NS	0.75 3	104.32	JP_2011_Tohoku_01_NS	0.75 3	104.32	JP_2011_Fukushima_04_NS	0.62 5	300.25

	8	JP_2004_Chuettsu_06_EW	0.63 7	111.00	JP_2004_Chuettsu_06_EW	0.63 7	111.00	JP_2011_Miyagi_13_NS	2.10 9	436.86	US_1986_North Palm Springs_0	1.33 3	106.02	US_1986_North Palm Springs_0	1.33 3	106.02	JP_2011_Tohoku_03_EW	1.03 0	143.02
	9	JP_2003_Hokkaido_03_EW	0.66 5	113.59	JP_2003_Hokkaido_03_EW	0.66 5	113.59	JP_2011_Tohoku_03_EW	0.96 7	148.24	PE_2001_07JUL_02_EW	3.42 4	106.25	PE_2001_07JUL_02_EW	3.42 4	106.25	JP_2011_Tohoku_16_NS	0.62 5	227.82
	10	JP_2011_Tohoku_44_NS	0.68 5	114.32	JP_2011_Tohoku_44_NS	0.68 5	114.32	JP_2011_Tohoku_15_EW	0.52 0	262.29	TW_1999_ChiChi_10_90	0.74 5	106.42	TW_1999_ChiChi_10_90	0.74 5	106.42	JP_2011_Tohoku_26_EW	0.97 0	171.80
	11	JP_2003_Hokkaido_03_NS	0.93 3	116.87	JP_2003_Hokkaido_03_NS	0.93 3	116.87	JP_2011_Tohoku_16_EW	0.65 1	218.69	JP_2016_Kumamoto_05_EW	1.75 8	107.14	JP_2016_Kumamoto_05_EW	1.75 8	107.14	JP_2011_Tohoku_28_EW	0.95 5	134.30
	12	US_1986_North Palm Springs_0	1.48 2	118.36	US_1986_North Palm Springs_0	1.48 2	118.36	JP_2011_Tohoku_21_EW	0.25 3	230.23	TW_1999_ChiChi_08_360	1.21 2	108.08	TW_1999_ChiChi_08_360	1.21 2	108.08	JP_2011_Tohoku_35_EW	0.57 3	218.56
	13	PE_1974_03OCT_EW	3.07 9	120.07	PE_1974_03OCT_EW	3.07 9	120.07	JP_2011_Tohoku_21_NS	0.37 1	211.19	TW_1999_ChiChi_08_90	0.86 5	108.54	TW_1999_ChiChi_08_90	0.86 5	108.54	JP_2011_Tohoku_41_NS	0.89 5	206.40
	14	CH_2010_Maule_04_Long	0.99 9	121.46	CH_2010_Maule_04_Long	0.99 9	121.46	JP_2011_Tohoku_23_EW	0.87 0	179.85	JP_2004_Chuettsu_06_EW	0.61 8	110.19	JP_2004_Chuettsu_06_EW	0.61 8	110.19	JP_2016_Kumamoto_01_EW	0.68 5	132.94
	15	JP_2011_Tohoku_59_EW	1.48 3	123.20	JP_2011_Miyagi_17_NS	0.63 1	133.13	JP_2011_Tohoku_56_EW	0.41 7	246.85	JP_2011_Tohoku_44_NS	0.64 8	110.94	JP_2011_Tohoku_44_NS	0.64 8	110.94	JP_2021_Fukushima_10_EW	1.21 2	191.21
	16	JP_2011_Miyagi_17_NS	0.63 1	133.13	JP_2016_Kumamoto_01_EW	0.71 3	133.13	JP_2011_Tohoku_58_EW	0.98 5	191.88	JP_2011_Tohoku_59_EW	1.33 3	111.01	JP_2011_Tohoku_59_EW	1.33 3	111.01	PE_1974_09NOV_01_NS	4.00 0	196.69
	17	JP_2016_Kumamoto_01_EW	0.71 3	133.13	JP_2004_14DEC_EW	0.49 9	133.86	JP_2018_Hokkaido_04_EW	0.48 0	191.49	JP_2011_Tohoku_55_NS	0.96 3	111.62	JP_2011_Tohoku_55_NS	0.96 3	111.62	PE_2010_05MAY_01_NS	4.00 0	181.67
	18	JP_2004_14DEC_EW	0.49 9	133.86	JP_2009_Shizuoca_02_EW	1.55 2	134.50	JP_2018_Hokkaido_07_EW	0.35 4	221.17	CH_2010_Maule_04_Long	1.09 1	111.94	CH_2010_Maule_04_Long	1.09 1	111.94	US_1989_Loma Prieta_01_0	0.77 5	142.96
	19	JP_2009_Shizuoca_02_EW	1.55 2	134.50	JP_2011_Tohoku_38_EW	1.06 0	136.97	US_1987_WhittierNarrows_01_270	2.00 3	184.78	JP_2011_Tohoku_32_NS	1.06 1	111.97	JP_2011_Tohoku_32_NS	1.06 1	111.97	US_1994_Northridge_01_90	2.00 0	115.48
	20	JP_2011_Tohoku_38_EW	1.06 0	136.97	JP_2011_Tohoku_38_NS	1.18 3	140.18	US_1992_Petrolia_02_360	0.55 7	256.47	JP_2003_Hokkaido_03_EW	0.68 5	112.73	JP_2003_Hokkaido_03_EW	0.68 5	112.73	US_1994_Northridge_03_90	0.60 3	148.48
MAP E	1	JP_2011_Tohoku_55_EW	1.33 4	14.18	JP_2011_Tohoku_55_EW	1.33 4	14.18	CH_2012_GO05_EW	2.28 4	33.65	JP_2011_Tohoku_55_EW	1.30 3	13.75	JP_2011_Tohoku_55_EW	1.30 3	13.75	CH_2014_Iquique_02_EW	3.51 5	15.03
	2	PE_2001_07JUL_02_EW	3.40 0	17.38	PE_2001_07JUL_02_EW	3.40 0	17.38	JP_2000_Tottori_05_NS	0.66 5	47.57	JP_2004_Chuettsu_07_NS	1.24 2	14.81	JP_2004_Chuettsu_07_NS	1.24 2	14.81	JP_2003_Hokkaido_03_NS	0.88 8	20.86
	3	JP_2011_Tohoku_01_NS	0.72 5	18.96	JP_2011_Tohoku_01_NS	0.72 5	18.96	JP_2003_Hokkaido_05_EW	1.74 1	24.96	CH_2014_Iquique_02_EW	3.51 5	15.03	CH_2014_Iquique_02_EW	3.51 5	15.03	JP_2003_Hokkaido_12_EW	1.30 3	24.37
	4	JP_2003_Hokkaido_03_EW	0.66 5	19.12	JP_2003_Hokkaido_03_EW	0.66 5	19.12	JP_2004_23OCT_NS	2.15 4	37.73	PE_2001_07JUL_02_EW	3.75 8	15.28	PE_2001_07JUL_02_EW	3.75 8	15.28	JP_2011_Tohoku_03_EW	1.18 2	31.50
	5	JP_2003_Hokkaido_06_NS	1.22 4	19.79	JP_2003_Hokkaido_06_NS	1.22 4	19.79	JP_2004_Chuettsu_03_EW	0.99 9	50.02	JP_2011_Tohoku_09_EW	0.96 3	16.95	JP_2011_Tohoku_09_EW	0.96 3	16.95	JP_2011_Tohoku_19_NS	1.09 1	23.79
	6	US_1986_North Palm Springs_0	1.48 2	19.82	US_1986_North Palm Springs_0	1.48 2	19.82	JP_2004_Chuettsu_07_NS	1.00 2	21.61	JP_2016_Kumamoto_05_EW	1.63 6	17.14	JP_2016_Kumamoto_05_EW	1.63 6	17.14	JP_2011_Tohoku_21_EW	0.37 0	45.29
	7	TW_1999_ChiChi_10_90	0.76 8	21.43	TW_1999_ChiChi_10_90	0.76 8	21.43	JP_2009_Shizuoca_03_EW	1.31 1	44.54	JP_2011_Tohoku_55_NS	0.88 8	17.87	JP_2011_Tohoku_55_NS	0.88 8	17.87	JP_2011_Tohoku_28_EW	0.94 8	22.89
	8	JP_2003_Hokkaido_03_NS	0.93 3	21.53	JP_2003_Hokkaido_03_NS	0.93 3	21.53	JP_2011_Miyagi_13_NS	2.10 9	54.40	JP_2011_Tohoku_22_EW	0.98 5	18.04	JP_2011_Tohoku_22_EW	0.98 5	18.04	JP_2011_Tohoku_32_EW	1.39 4	28.50
	9	JP_2004_Chuettsu_07_NS	1.00 2	21.61	JP_2004_Chuettsu_07_NS	1.00 2	21.61	JP_2011_Tohoku_03_EW	0.96 7	34.93	US_1994_Northridge_02_360	1.39 4	18.15	US_1994_Northridge_02_360	1.39 4	18.15	JP_2011_Tohoku_45_EW	0.90 3	31.14
	10	PE_1974_03OCT_EW	3.07 9	23.45	PE_1974_03OCT_EW	3.07 9	23.45	JP_2011_Tohoku_15_EW	0.52 0	48.54	TW_1999_ChiChi_01_90	0.55 8	18.40	TW_1999_ChiChi_01_90	0.55 8	18.40	JP_2011_Tohoku_56_EW	0.43 8	56.66
	11	JP_2004_Chuettsu_06_EW	0.63 7	23.67	JP_2004_Chuettsu_06_EW	0.63 7	23.67	JP_2011_Tohoku_16_EW	0.65 1	47.35	JP_2011_Tohoku_01_NS	0.76 0	18.62	JP_2011_Tohoku_01_NS	0.76 0	18.62	JP_2016_Kumamoto_03_NS	0.80 5	28.08
	12	JP_2003_Hokkaido_11_NS	1.02 8	24.07	JP_2003_Hokkaido_11_NS	1.02 8	24.07	JP_2011_Tohoku_21_EW	0.25 3	50.53	US_1986_North Palm Springs_0	1.36 4	18.89	US_1986_North Palm Springs_0	1.36 4	18.89	JP_2021_Fukushima_01_EW	0.89 5	20.56
	13	JP_2009_Shizuoca_02_EW	1.55 2	24.25	JP_2009_Shizuoca_02_EW	1.55 2	24.25	JP_2011_Tohoku_21_NS	0.37 1	45.59	JP_2003_Hokkaido_03_EW	0.68 5	18.96	JP_2003_Hokkaido_03_EW	0.68 5	18.96	JP_2021_Fukushima_05_NS	1.75 8	41.26
	14	JP_2003_Hokkaido_04_EW	0.82 6	24.42	JP_2003_Hokkaido_04_EW	0.82 6	24.42	JP_2011_Tohoku_23_EW	0.87 0	34.70	JP_2003_Hokkaido_11_NS	0.89 5	19.34	JP_2003_Hokkaido_11_NS	0.89 5	19.34	JP_2021_Fukushima_06_EW	1.33 3	47.70
	15	JP_2004_23OCT_EW	1.37 1	24.46	JP_2011_Tohoku_38_NS	1.18 3	24.49	JP_2011_Tohoku_56_EW	0.41 7	56.82	JP_2003_Hokkaido_06_NS	1.21 2	19.77	JP_2003_Hokkaido_06_NS	1.21 2	19.77	PE_1974_09NOV_01_EW	3.78 8	33.08
	16	JP_2011_Tohoku_38_NS	1.18 3	24.49	TW_1999_ChiChi_08_360	1.17 6	24.57	JP_2011_Tohoku_58_EW	0.98 5	44.13	US_1989_Loma Prieta_03_90	0.96 3	20.07	US_1989_Loma Prieta_03_90	0.96 3	20.07	PE_1974_09NOV_01_NS	4.00 0	45.03
	17	TW_1999_ChiChi_08_360	1.17 6	24.57	JP_2011_Tohoku_54_NS	0.79 0	24.66	JP_2018_Hokkaido_04_EW	0.48 0	41.84	JP_2011_Tohoku_19_EW	1.18 2	20.09	JP_2011_Tohoku_19_EW	1.18 2	20.09	PE_2001_07JUL_02_EW	3.75 8	15.28
	18	JP_2011_Tohoku_54_NS	0.79 0	24.66	JP_2011_Tohoku_44_NS	0.68 5	24.70	JP_2018_Hokkaido_07_EW	0.35 4	52.52	US_1989_Loma Prieta_05_195	2.51 5	20.18	US_1989_Loma Prieta_05_195	2.51 5	20.18	US_1994_Northridge_01_90	2.06 1	25.07
	19	JP_2011_Tohoku_44_NS	0.68 5	24.70	JP_2003_Hokkaido_05_EW	1.74 1	24.96	US_1987_WhittierNarrows_01_270	2.00 3	33.72	JP_2003_Hokkaido_05_EW	1.45 5	20.41	JP_2003_Hokkaido_05_EW	1.45 5	20.41	US_1994_Northridge_02_360	1.39 4	18.15
	20	JP_2003_Hokkaido_05_EW	1.74 1	24.96	JP_2016_Kumamoto_01_EW	0.71 3	25.04	US_1992_Petrolia_02_360	0.55 7	55.87	JP_2004_Chuettsu_07_EW	0.95 5	20.53	JP_2004_Chuettsu_07_EW	0.95 5	20.53	US_1994_Northridge_03_90	0.71 5	24.30
MSE	1	JP_2004_Chuettsu_07_NS	1.00 2	13542.35	JP_2004_Chuettsu_07_NS	1.00 2	13542.35	CH_2012_GO05_EW	2.28 4	43238.36	JP_2004_Chuettsu_07_NS	1.15 2	6141.90	JP_2004_Chuettsu_07_NS	1.15 2	6141.90	CH_2010_Maule_04_Transv	0.70 8	41314.12
	2	JP_2011_Tohoku_01_NS	0.72 5	20347.09	JP_2011_Tohoku_01_NS	0.72 5	20347.09	JP_2000_Tottori_05_NS	0.66 5	38193.19	PE_1974_03OCT_EW	2.60 6	9305.64	PE_1974_03OCT_EW	2.60 6	9305.64	JP_2000_Tottori_01_EW	0.90 3	33304.33
	3	JP_2011_Tohoku_44_NS	0.68 5	20746.23	JP_2011_Tohoku_44_NS	0.68 5	20746.23	JP_2003_Hokkaido_05_EW	1.74 1	78324.33	JP_2004_Chuettsu_07_EW	0.91 0	9378.42	JP_2004_Chuettsu_07_EW	0.91 0	9378.42	JP_2003_Hokkaido_01_NS	0.86 5	87758.84
	4	JP_2011_Tohoku_55_EW	1.33 4	20885.38	JP_2011_Tohoku_55_EW	1.33 4	20885.38	JP_2004_23OCT_NS	2.15 4	45105.32	CH_2014_Iquique_02_EW	3.45 5	14621.07	CH_2014_Iquique_02_EW	3.45 5	14621.07	JP_2009_Shizuoca_03_EW	1.51 5	32458.30
	5	CH_2010_Maule_04_Long	0.99 9	21541.06	CH_2010_Maule_04_Long	0.99 9	21541.06	JP_2004_Chuettsu_03_EW	0.99 9	66235.40	JP_2011_Tohoku_44_NS	0.62 5	16908.69	JP_2011_Tohoku_44_NS	0.62 5	16908.69	JP_2011_Fukushima_04_NS	0.67 8	119708.07
	6	JP_2003_Hokkaido_06_NS	1.22 4	21542.20	JP_2003_Hokkaido_06_NS	1.22 4	21542.20	JP_2004_Chuettsu_07_NS	1.00 2	13542.35	CH_2010_Maule_04_Long	1.09 1	17546.38	CH_2010_Maule_04_Long	1.09 1	17546.38	JP_2011_Tohoku_19_EW	0.87 3	66173.30

	7	TW_1999_ChiChi_08_360	1.17 6	22478.5 9	TW_1999_ChiChi_08_360	1.17 6	22478.5 9	JP_2009_Shizuoca_03_EW	1.31 1	40127.51	JP_2011_Tohoku_55_EW	1.24 2	18171.4 2	JP_2011_Tohoku_55_EW	1.24 2	18171.4 2	JP_2011_Tohoku_23_NS	1.06 1	49348.55
	8	JP_2004_14DEC_EW	0.49 9	22631.9 6	JP_2004_14DEC_EW	0.49 9	22631.9 6	JP_2011_Miyagi_13_NS	2.10 9	690978.4 7	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	JP_2011_Tohoku_26_EW	0.87 3	47640.35
	9	JP_2004_Chuetstu_06_EW	0.63 7	22967.5 7	JP_2004_Chuetstu_06_EW	0.63 7	22967.5 7	JP_2011_Tohoku_03_EW	0.96 7	33524.41	JP_2011_Tohoku_32_NS	1.06 1	18900.1 2	JP_2011_Tohoku_32_NS	1.06 1	18900.1 2	JP_2011_Tohoku_35_EW	0.54 3	63116.67
	10	PE_2010_05MAY_02_NS	3.63 3	24321.2 4	PE_2010_05MAY_02_NS	3.63 3	24321.2 4	JP_2011_Tohoku_15_EW	0.52 0	137488.4 9	JP_2011_Tohoku_01_NS	0.76 0	19349.5 6	JP_2011_Tohoku_01_NS	0.76 0	19349.5 6	JP_2011_Tohoku_41_NS	0.82 0	57456.31
	11	PE_1974_03OCT_EW	3.07 9	25135.8 5	PE_1974_03OCT_EW	3.07 9	25135.8 5	JP_2011_Tohoku_16_EW	0.65 1	70416.00	JP_2004_14DEC_EW	0.53 5	20298.4 5	JP_2004_14DEC_EW	0.53 5	20298.4 5	JP_2011_Tohoku_47_NS	1.30 3	97211.70
	12	JP_2004_Chuetstu_07_EW	0.73 0	27319.8 6	JP_2004_Chuetstu_07_EW	0.73 0	27319.8 6	JP_2011_Tohoku_21_EW	0.25 3	83878.77	JP_2003_Hokkaido_06_NS	1.18 2	21048.7 8	JP_2003_Hokkaido_06_NS	1.18 2	21048.7 8	JP_2011_Tohoku_54_NS	0.73 0	62886.10
	13	JP_2011_Tohoku_59_EW	1.48 3	27607.4 7	PE_2001_07JUL_02_EW	3.40 0	27882.6 7	JP_2011_Tohoku_21_NS	0.37 1	75774.60	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	JP_2011_Tohoku_55_NS	0.97 0	28729.29
	14	PE_2001_07JUL_02_EW	3.40 0	27882.6 7	TW_1999_ChiChi_10_90	0.76 8	28486.0 4	JP_2011_Tohoku_23_EW	0.87 0	54517.53	PE_2010_05MAY_02_EW	4.00 0	21901.9 9	PE_2010_05MAY_02_EW	4.00 0	21901.9 9	JP_2016_Kumamoto_01_EW	0.70 8	30928.18
	15	TW_1999_ChiChi_10_90	0.76 8	28486.0 4	JP_2003_Hokkaido_03_NS	0.93 3	28741.8 2	JP_2011_Tohoku_56_EW	0.41 7	85277.08	JP_2004_Chuetstu_06_EW	0.61 0	21916.3 0	JP_2004_Chuetstu_06_EW	0.61 0	21916.3 0	JP_2016_Kumamoto_01_NS	0.52 8	47062.25
	16	JP_2003_Hokkaido_03_NS	0.93 3	28741.8 2	US_2005_Anza_01_360	4.00 0	28771.4 7	JP_2011_Tohoku_58_EW	0.98 5	52099.10	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	JP_2021_Fukushima_10_EW	1.24 2	61562.51
	17	US_2005_Anza_01_360	4.00 0	28771.4 7	JP_2016_Kumamoto_01_EW	0.71 3	30981.0 2	JP_2018_Hokkaido_04_EW	0.48 0	63262.36	JP_2011_Tohoku_50_NS	0.90 3	23896.3 5	JP_2011_Tohoku_50_NS	0.90 3	23896.3 5	PE_1970_31MAY_NS	4.00 0	37384.50
	18	JP_2016_Kumamoto_01_EW	0.71 3	30981.0 2	JP_2011_Tohoku_28_NS	0.66 5	31414.6 5	JP_2018_Hokkaido_07_EW	0.35 4	67968.57	US_1994_Northridge_01_90	1.90 9	23993.2 0	US_1994_Northridge_01_90	1.90 9	23993.2 0	PE_1974_09NOV_01_NS	4.00 0	53851.59
	19	JP_2011_Tohoku_28_NS	0.66 5	31414.6 5	JP_2011_Tohoku_03_EW	0.96 7	33524.4 1	US_1987_WhittierNarrows_01_270	2.00 3	89440.03	PE_2010_05MAY_02_NS	3.60 6	24276.1 2	PE_2010_05MAY_02_NS	3.60 6	24276.1 2	US_1992_Petrolia_Aftershock_03_360	1.54 5	81200.88
	20	JP_2011_Tohoku_03_EW	0.96 7	33524.4 1	JP_2011_Miyagi_17_NS	0.63 1	34595.5 8	US_1992_Petrolia_02_360	0.55 7	93718.70	JP_2016_Kumamoto_05_EW	1.72 7	24314.9 1	JP_2016_Kumamoto_05_EW	1.72 7	24314.9 1	US_1994_Northridge_03_90	0.64 0	44429.29
RMS E	1	JP_2004_Chuetstu_07_NS	1.00 2	116.37	JP_2004_Chuetstu_07_NS	1.00 2	116.37	CH_2012_GO05_EW	2.28 4	207.94	JP_2004_Chuetstu_07_NS	1.15 2	78.37	JP_2004_Chuetstu_07_NS	1.15 2	78.37	CH_2010_Maule_04_Transv	0.70 8	203.26
	2	JP_2011_Tohoku_01_NS	0.72 5	142.64	JP_2011_Tohoku_01_NS	0.72 5	142.64	JP_2000_Tottori_05_NS	0.66 5	195.43	PE_1974_03OCT_EW	2.60 6	96.47	PE_1974_03OCT_EW	2.60 6	96.47	JP_2000_Tottori_01_EW	0.90 3	182.49
	3	JP_2011_Tohoku_44_NS	0.68 5	144.04	JP_2011_Tohoku_44_NS	0.68 5	144.04	JP_2003_Hokkaido_05_EW	1.74 1	279.86	JP_2004_Chuetstu_07_EW	0.91 0	96.84	JP_2004_Chuetstu_07_EW	0.91 0	96.84	JP_2003_Hokkaido_01_NS	0.86 5	296.24
	4	JP_2011_Tohoku_55_EW	1.33 4	144.52	JP_2011_Tohoku_55_EW	1.33 4	144.52	JP_2004_23OCT_NS	2.15 4	212.38	CH_2014_Iquique_02_EW	3.45 5	120.92	CH_2014_Iquique_02_EW	3.45 5	120.92	JP_2009_Shizuoca_03_EW	1.51 5	180.16
	5	CH_2010_Maule_04_Long	0.99 9	146.77	CH_2010_Maule_04_Long	0.99 9	146.77	JP_2004_Chuetstu_03_EW	0.99 9	257.36	JP_2011_Tohoku_44_NS	0.62 5	130.03	JP_2011_Tohoku_44_NS	0.62 5	130.03	JP_2011_Fukushima_04_NS	0.67 8	345.99
	6	JP_2003_Hokkaido_06_NS	1.22 4	146.77	JP_2003_Hokkaido_06_NS	1.22 4	146.77	JP_2004_Chuetstu_07_NS	1.00 2	116.37	CH_2010_Maule_04_Long	1.09 1	132.46	CH_2010_Maule_04_Long	1.09 1	132.46	JP_2011_Tohoku_19_EW	0.87 3	257.24
	7	TW_1999_ChiChi_08_360	1.17 6	149.93	TW_1999_ChiChi_08_360	1.17 6	149.93	JP_2009_Shizuoca_03_EW	1.31 1	200.32	JP_2011_Tohoku_55_EW	1.24 2	134.80	JP_2011_Tohoku_55_EW	1.24 2	134.80	JP_2011_Tohoku_23_NS	1.06 1	222.15
	8	JP_2004_14DEC_EW	0.49 9	150.44	JP_2004_14DEC_EW	0.49 9	150.44	JP_2011_Miyagi_13_NS	2.10 9	831.25	TW_1999_ChiChi_10_90	0.67 0	136.80	TW_1999_ChiChi_10_90	0.67 0	136.80	JP_2011_Tohoku_26_EW	0.87 3	218.27
	9	JP_2004_Chuetstu_06_EW	0.63 7	151.55	JP_2004_Chuetstu_06_EW	0.63 7	151.55	JP_2011_Tohoku_03_EW	0.96 7	183.10	JP_2011_Tohoku_32_NS	1.06 1	137.48	JP_2011_Tohoku_32_NS	1.06 1	137.48	JP_2011_Tohoku_35_EW	0.54 3	251.23
	10	PE_2010_05MAY_02_NS	3.63 3	155.95	PE_2010_05MAY_02_NS	3.63 3	155.95	JP_2011_Tohoku_15_EW	0.52 0	370.79	JP_2011_Tohoku_01_NS	0.76 0	139.10	JP_2011_Tohoku_01_NS	0.76 0	139.10	JP_2011_Tohoku_41_NS	0.82 0	239.70
	11	PE_1974_03OCT_EW	3.07 9	158.54	PE_1974_03OCT_EW	3.07 9	158.54	JP_2011_Tohoku_16_EW	0.65 1	265.36	JP_2004_14DEC_EW	0.53 5	142.47	JP_2004_14DEC_EW	0.53 5	142.47	JP_2011_Tohoku_47_NS	1.30 3	311.79
	12	JP_2004_Chuetstu_07_EW	0.73 0	165.29	JP_2004_Chuetstu_07_EW	0.73 0	165.29	JP_2011_Tohoku_21_EW	0.25 3	289.62	JP_2003_Hokkaido_06_NS	1.18 2	145.08	JP_2003_Hokkaido_06_NS	1.18 2	145.08	JP_2011_Tohoku_54_NS	0.73 0	250.77
	13	JP_2011_Tohoku_59_EW	1.48 3	166.15	PE_2001_07JUL_02_EW	3.40 0	166.98	JP_2011_Tohoku_21_NS	0.37 1	275.27	TW_1999_ChiChi_08_360	1.24 2	146.16	TW_1999_ChiChi_08_360	1.24 2	146.16	JP_2011_Tohoku_55_NS	0.97 0	169.50
	14	PE_2001_07JUL_02_EW	3.40 0	166.98	TW_1999_ChiChi_10_90	0.76 8	168.78	JP_2011_Tohoku_23_EW	0.87 0	233.49	PE_2010_05MAY_02_EW	4.00 0	147.99	PE_2010_05MAY_02_EW	4.00 0	147.99	JP_2016_Kumamoto_01_EW	0.70 8	175.86
	15	TW_1999_ChiChi_10_90	0.76 8	168.78	JP_2003_Hokkaido_03_NS	0.93 3	169.53	JP_2011_Tohoku_56_EW	0.41 7	292.02	JP_2004_Chuetstu_06_EW	0.61 0	148.04	JP_2004_Chuetstu_06_EW	0.61 0	148.04	JP_2016_Kumamoto_01_NS	0.52 8	216.94
	16	JP_2003_Hokkaido_03_NS	0.93 3	169.53	US_2005_Anza_01_360	4.00 0	169.62	JP_2011_Tohoku_58_EW	0.98 5	228.25	TW_1999_ChiChi_08_90	0.85 0	148.49	TW_1999_ChiChi_08_90	0.85 0	148.49	JP_2021_Fukushima_10_EW	1.24 2	248.12
	17	US_2005_Anza_01_360	4.00 0	169.62	JP_2016_Kumamoto_01_EW	0.71 3	176.01	JP_2018_Hokkaido_04_EW	0.48 0	251.52	JP_2011_Tohoku_50_NS	0.90 3	154.58	JP_2011_Tohoku_50_NS	0.90 3	154.58	PE_1970_31MAY_NS	4.00 0	193.35
	18	JP_2016_Kumamoto_01_EW	0.71 3	176.01	JP_2011_Tohoku_28_NS	0.66 5	177.24	JP_2018_Hokkaido_07_EW	0.35 4	260.71	US_1994_Northridge_01_90	1.90 9	154.90	US_1994_Northridge_01_90	1.90 9	154.90	PE_1974_09NOV_01_NS	4.00 0	232.06
	19	JP_2011_Tohoku_28_NS	0.66 5	177.24	JP_2011_Tohoku_03_EW	0.96 7	183.10	US_1987_WhittierNarrows_01_270	2.00 3	299.07	PE_2010_05MAY_02_NS	3.60 6	155.81	PE_2010_05MAY_02_NS	3.60 6	155.81	US_1992_Petrolia_Aftershock_03_360	1.54 5	284.96
	20	JP_2011_Tohoku_03_EW	0.96 7	183.10	JP_2011_Miyagi_17_NS	0.63 1	186.00	US_1992_Petrolia_02_360	0.55 7	306.14	JP_2016_Kumamoto_05_EW	1.72 7	155.93	JP_2016_Kumamoto_05_EW	1.72 7	155.93	US_1994_Northridge_03_90	0.64 0	210.78

REGISTROS SELECCIONADOS CASO Nmr T=0.40s - TSemc-tr-475						
Caso:	TSemc-tr-475_NSp_Sbs	TSemc-tr-475_NSp_Sci	TSemc-tr-475_NSp_Ssr	TSemc-tr-475_NSr_Sbs	TSemc-tr-475_NSr_Sci	TSemc-tr-475_NSr_Ssr

ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_1997_Shizuoca_EW	0.298	62.65	JP_2021_Fukushima_10_EW	0.514	74.80	CH_2010_Maule_06_Lon g	0.917	399.20	JP_2011_Tohoku_11_EW	0.258	45.85	JP_2011_Tohoku_11_EW	0.258	45.85	JP_2003_Hokkaido_03_NS	0.258	79.27
	2	JP_2021_Fukushima_10_N S	0.372	63.31	JP_2011_Fukushima_04_EW	0.464	76.96	JP_2000_Tottori_05_NS	0.413	215.17	JP_2021_Fukushima_10_EW	0.363	48.30	JP_2021_Fukushima_10_EW	0.363	48.30	PE_2005_25SET_03_E W	4.000	166.74
	3	JP_2011_Tohoku_16_NS	0.271	65.67	JP_2019_21FEB_NS	0.472	113.60	JP_2011_15MAR_NS	0.584	357.40	JP_2021_Fukushima_10_NS	0.288	48.64	JP_2021_Fukushima_10_NS	0.288	48.64	PE_2005_25SET_03_N S	4.000	166.40
	4	US_1989_Loma Prieta_02_90	0.348	66.12	US_1991_SierraMadre_0	0.474	115.15	JP_2011_Tohoku_11_NS	0.724	295.33	JP_2004_Chuet su_03_EW	0.288	48.87	JP_2004_Chuet su_03_EW	0.288	48.87	PE_2011_24AGO_01_ NS	4.000	160.16
	5	JP_2021_Fukushima_10_E W	0.514	74.80	JP_2011_Tohoku_03_NS	0.386	116.84	JP_2011_Tohoku_15_NS	0.431	159.67	JP_2019_21FEB_NS	0.288	50.91	JP_2019_21FEB_NS	0.288	50.91	PE_2011_24AGO_02_ EW	4.000	157.60
	6	TW_1999_ChiChi_02_360	0.298	76.00	JP_2011_Tohoku_11_EW	0.411	118.87	JP_2011_Tohoku_16_E W	0.404	141.51	JP_2011_Tohoku_16_NS	0.250	52.32	JP_2011_Tohoku_16_NS	0.250	52.32	PE_2011_24AGO_03_ EW	4.000	158.85
	7	JP_2011_Tohoku_31_EW	0.398	76.16	JP_2021_Fukushima_07_NS	0.445	119.45	JP_2011_Tohoku_24_NS	0.555	143.85	JP_2003_Miyagi_03_EW	0.250	53.52	JP_2003_Miyagi_03_EW	0.250	53.52	PE_2011_24AGO_03_ NS	4.000	157.04
	8	JP_2011_Fukushima_04_E W	0.464	76.96	TW_1999_ChiChi_09_90	0.502	125.86	JP_2011_Tohoku_26_E W	0.764	377.90	JP_2011_Fukushima_04_EW	0.318	54.02	JP_2011_Fukushima_04_EW	0.318	54.02	PE_2011_24AGO_04_ NS	4.000	110.54
	9	JP_2003_Miyagi_03_EW	0.300	92.46	JP_2018_Hokkaido_03_EW	0.318	126.88	JP_2011_Tohoku_28_E W	1.046	542.48	JP_2011_Tohoku_03_NS	0.250	55.47	JP_2011_Tohoku_03_NS	0.250	55.47	PE_2011_24AGO_05_ NS	4.000	157.31
	10	JP_2021_Fukushima_08_E W	0.379	101.65	JP_2011_Tohoku_16_EW	0.404	141.51	JP_2011_Tohoku_35_E W	0.516	424.38	US_1989_Loma Prieta_02_90	0.310	56.32	US_1989_Loma Prieta_02_90	0.310	56.32	PE_2011_24AGO_06_ NS	4.000	156.23
	11	US_1992_Petrolia_02_360	0.346	104.97	JP_2013_25FEB_EW	0.308	147.39	JP_2011_Tohoku_42_E W	0.471	231.23	US_1992_Petrolia_02_360	0.250	59.49	US_1992_Petrolia_02_360	0.250	59.49	PE_2011_24AGO_07_ EW	4.000	150.66
	12	JP_2016_14APR_EW	0.512	109.64	JP_2018_Hokkaido_04_EW	0.298	150.55	JP_2011_Tohoku_54_E W	0.657	337.47	JP_1997_Shizuoca_EW	0.265	60.72	JP_1997_Shizuoca_EW	0.265	60.72	PE_2015_24NOV_01_ EW	4.000	186.44
	13	JP_2011_12APR_EW	0.533	110.84	US_1989_Loma Prieta_01_0	0.380	152.01	JP_2011_Tohoku_56_E W	0.259	195.02	JP_2004_06DIC_EW	0.280	60.73	JP_2004_06DIC_EW	0.280	60.73	PE_2015_24NOV_01_ NS	4.000	186.55
	14	JP_2019_21FEB_NS	0.472	113.60	JP_2011_Tohoku_17_NS	0.395	156.80	JP_2016_Kumamoto_04_ EW	0.381	128.54	JP_2011_Tohoku_31_EW	0.325	60.95	JP_2011_Tohoku_31_EW	0.325	60.95	PE_2015_24NOV_02_ EW	4.000	187.08
	15	JP_2011_Tohoku_15_EW	0.323	113.90	JP_2004_27OCT_02_NS	1.358	157.95	JP_2018_Hokkaido_03_ EW	0.318	126.88	US_1991_SierraMadre_0	0.303	63.90	US_1991_SierraMadre_0	0.303	63.90	PE_2015_24NOV_03_ EW	4.000	184.49
	16	US_1991_SierraMadre_0	0.474	115.15	CH_2012_GO05_EW	1.418	162.71	JP_2018_Hokkaido_04_ EW	0.298	150.55	JP_2021_Fukushima_07_NS	0.265	66.45	JP_2021_Fukushima_07_NS	0.265	66.45	PE_2015_24NOV_03_ NS	4.000	184.55
	17	JP_2011_Tohoku_03_NS	0.386	116.84	TW_1999_ChiChi_09_360	0.371	166.78	JP_2021_Fukushima_07_EW	0.766	213.23	TW_1999_ChiChi_02_360	0.250	68.46	TW_1999_ChiChi_02_360	0.250	68.46	PE_2015_24NOV_04_ EW	4.000	170.16
	18	JP_2004_27OCT_02_EW	0.458	117.60	PE_1974_03OCT_NS	1.566	169.14	PE_1966_17OCT_EW	2.660	521.19	JP_2011_Tohoku_03_EW	0.273	69.25	JP_2011_Tohoku_03_EW	0.273	69.25	PE_2015_24NOV_04_ NS	4.000	167.84
	19	JP_2016_Kumamoto_02_E W	0.516	118.35	JP_2011_Tohoku_23_EW	0.540	169.33	TW_1999_ChiChi_08_360	0.730	221.40	JP_2011_12APR_EW	0.333	70.07	JP_2011_12APR_EW	0.333	70.07	PE_2015_24NOV_05_ EW	4.000	183.43
	20	JP_2011_Tohoku_11_EW	0.411	118.87	JP_2011_Tohoku_32_NS	0.533	174.58	US_1989_Loma Prieta_03_0	0.735	370.18	JP_2019_21FEB_EW	0.340	71.40	JP_2019_21FEB_EW	0.340	71.40	PE_2015_24NOV_05_ NS	4.000	183.89
MAP E	1	JP_2003_Miyagi_03_EW	0.300	124.87	JP_2021_Fukushima_10_EW	0.514	176.55	CH_2010_Maule_06_Lon g	0.917	726.47	US_1987_WhittierNarrows_02_0	0.250	50.19	US_1987_WhittierNarrows_02_0	0.250	50.19	PE_1974_05ENE_02_E W	0.370	71.53
	2	JP_2016_14APR_EW	0.512	143.24	JP_2021_Fukushima_07_NS	0.445	179.79	JP_2000_Tottori_05_NS	0.413	318.86	JP_2011_Miyagi_09_EW	0.250	53.42	JP_2011_Miyagi_09_EW	0.250	53.42	PE_1974_05ENE_02_ NS	0.370	74.96
	3	JP_2011_Tohoku_16_NS	0.271	144.98	JP_2019_21FEB_NS	0.472	181.33	JP_2011_15MAR_NS	0.584	486.73	PE_2005_13JUN_05_NS	0.498	56.33	PE_2005_13JUN_05_NS	0.498	56.33	PE_2001_07JUL_01_N S	0.250	181.88
	4	TW_1999_ChiChi_02_360	0.298	149.53	JP_2011_Tohoku_56_EW	0.259	208.60	JP_2011_Tohoku_11_NS	0.724	468.64	US_1991_SierraMadre_90	0.303	57.59	US_1991_SierraMadre_90	0.303	57.59	PE_2005_13JUN_01_E W	0.250	81.29
	5	JP_1997_Shizuoca_EW	0.298	154.48	JP_2021_Fukushima_07_EW	0.766	217.34	JP_2011_Tohoku_15_NS	0.431	476.49	PE_2001_07JUL_02_NS	0.385	58.30	PE_2001_07JUL_02_NS	0.385	58.30	PE_2005_13JUN_03_E W	0.250	76.19
	6	JP_2021_Miyagi_02_NS	0.368	155.00	JP_2011_Fukushima_04_EW	0.464	220.11	JP_2011_Tohoku_16_E W	0.404	341.94	JP_2004_Chuet su_03_EW	0.250	60.45	JP_2004_Chuet su_03_EW	0.250	60.45	PE_2005_13JUN_06_E W	0.250	89.88
	7	JP_2021_Fukushima_08_E W	0.379	172.71	JP_2009_Shizuoca_01_NS	0.674	233.58	JP_2011_Tohoku_24_NS	0.555	288.72	PE_2011_24AGO_04_NS	2.303	62.61	PE_2011_24AGO_04_NS	2.303	62.61	PE_2005_13JUN_06_N S	0.250	109.18
	8	US_1992_Petrolia_02_360	0.346	174.31	JP_2011_Tohoku_03_NS	0.386	242.37	JP_2011_Tohoku_26_E W	0.764	837.32	JP_2004_Chuet suAftershock_02_NS	0.250	63.33	JP_2004_Chuet suAftershock_02_NS	0.250	63.33	PE_2005_13JUN_07_N S	0.385	72.76
	9	JP_2021_Fukushima_10_E W	0.514	176.55	JP_2004_Chuet su_03_EW	0.620	249.03	JP_2011_Tohoku_28_E W	1.046	1579.55	JP_2004_06DIC_NS	0.250	63.66	JP_2004_06DIC_NS	0.250	63.66	PE_2007_PISCO_05_E W	0.423	90.25
	10	JP_2021_Fukushima_07_N S	0.445	179.79	US_1992_Big Bear_360	0.551	254.56	JP_2011_Tohoku_35_E W	0.516	445.09	JP_2004_25OCT_EW	0.250	63.96	JP_2004_25OCT_EW	0.250	63.96	PE_2007_PISCO_05_N S	0.400	92.67
	11	JP_2019_21FEB_NS	0.472	181.33	JP_2011_Tohoku_11_EW	0.411	261.57	JP_2011_Tohoku_42_E W	0.471	336.96	US_2005_Anza_01_90	0.250	65.22	US_2005_Anza_01_90	0.250	65.22	PE_2011_24AGO_02_ EW	0.670	87.47
	12	JP_2011_Tohoku_31_EW	0.398	184.67	JP_2013_25FEB_EW	0.308	262.45	JP_2011_Tohoku_54_E W	0.657	803.32	PE_2005_13JUN_05_EW	0.430	65.99	PE_2005_13JUN_05_EW	0.430	65.99	PE_2011_24AGO_02_ NS	0.768	88.41
	13	JP_2021_Fukushima_10_N S	0.372	188.64	JP_2011_Tohoku_39_EW	0.355	271.63	JP_2011_Tohoku_56_E W	0.259	208.60	JP_2021_Fukushima_07_EW	0.250	66.84	JP_2021_Fukushima_07_EW	0.250	66.84	PE_2011_24AGO_03_ EW	1.515	88.52
	14	JP_2016_Kumamoto_04_E W	0.381	189.23	JP_2004_Chuet suAftershock_02_NS	0.781	277.75	JP_2016_Kumamoto_04_ EW	0.381	189.23	US_2005_Anza_01_360	0.273	67.46	US_2005_Anza_01_360	0.273	67.46	PE_2011_24AGO_06_ NS	3.455	84.40
	15	US_1987_WhittierNarrows_02_0	0.762	195.57	JP_2003_Hokkaido_09_NS	0.368	277.89	JP_2018_Hokkaido_03_ EW	0.318	345.20	PE_1974_09NOV_01_NS	0.483	68.48	PE_1974_09NOV_01_NS	0.483	68.48	PE_2011_24AGO_07_ EW	0.483	88.65
	16	JP_2011_Miyagi_04_EW	0.482	198.01	JP_2011_Tohoku_42_NS	0.469	278.63	JP_2018_Hokkaido_04_ EW	0.298	308.02	PE_2005_25SET_01_NS	3.152	68.98	PE_1970_31MAY_NS	0.325	69.04	PE_2015_24NOV_01_ EW	4.000	98.21
	17	JP_2011_Miyagi_09_NS	0.641	199.39	TW_1999_ChiChi_09_360	0.371	283.90	JP_2021_Fukushima_07_EW	0.766	217.34	PE_1970_31MAY_NS	0.325	69.04	PE_2011_24AGO_04_EW	1.545	69.05	PE_2015_24NOV_01_ NS	4.000	98.31
	18	JP_2016_Kumamoto_02_E W	0.516	205.32	JP_2013_25FEB_NS	0.302	303.81	PE_1966_17OCT_EW	2.660	864.53	PE_2011_24AGO_04_EW	1.545	69.05	PE_2010_05MAY_02_NS	0.250	69.22	PE_2015_24NOV_02_ EW	4.000	98.54

	19	JP_2011_Fukushima_04_NS	0.387	205.90	JP_2004_Chuetzu_04_EW	0.381	306.65	TW_1999_ChiChi_08_360	0.730	629.11	PE_2010_05MAY_02_NS	0.250	69.22	JP_2016_14APR_EW	0.250	70.94	PE_2015_24NOV_04_EW	4.000	83.26
	20	JP_2011_Tohoku_56_EW	0.259	208.60	JP_2018_Hokkaido_04_EW	0.298	308.02	US_1989_Loma Prieta_03_0	0.735	544.29	JP_2016_14APR_EW	0.250	70.94	PE_1974_05ENE_02_EW	0.370	71.53	PE_2015_24NOV_04_NS	4.000	81.47
MSE	1	JP_2021_Fukushima_10_NS	0.372	5227.99	JP_2021_Fukushima_10_EW	0.514	8620.63	CH_2010_Maule_06_Long	0.917	244717.13	JP_2021_Fukushima_10_NS	0.318	3318.56	JP_2021_Fukushima_10_NS	0.318	3318.56	JP_2011_Tohoku_55_EW	0.333	21686.17
	2	JP_2011_Tohoku_16_NS	0.271	7140.36	JP_2011_Fukushima_04_EW	0.464	11071.66	JP_2000_Tottori_05_NS	0.413	79492.66	JP_2021_Fukushima_10_EW	0.408	4579.32	JP_2021_Fukushima_10_EW	0.408	4579.32	PE_2005_25SET_03_EW	4.000	58340.88
	3	JP_1997_Shizuoca_EW	0.298	7209.19	JP_2019_21FEB_NS	0.472	20390.65	JP_2011_15MAR_NS	0.584	186477.07	JP_2011_Tohoku_16_NS	0.250	4611.91	JP_2011_Tohoku_16_NS	0.250	4611.91	PE_2005_25SET_03_NS	4.000	58954.99
	4	JP_2021_Fukushima_10_EW	0.514	8620.63	JP_2011_Tohoku_11_EW	0.411	22178.83	JP_2011_Tohoku_11_NS	0.724	147989.45	JP_2011_Tohoku_11_EW	0.273	4700.71	JP_2011_Tohoku_11_EW	0.273	4700.71	PE_2011_24AGO_01_NS	4.000	56065.07
	5	TW_1999_ChiChi_02_360	0.298	9384.62	JP_2011_Tohoku_03_NS	0.386	22351.46	JP_2011_Tohoku_15_NS	0.431	38436.83	JP_2011_Fukushima_04_EW	0.355	5270.69	JP_2011_Fukushima_04_EW	0.355	5270.69	PE_2011_24AGO_02_EW	4.000	53891.31
	6	US_1989_Loma Prieta_02_90	0.348	9409.15	JP_2018_Hokkaido_03_EW	0.318	24539.80	JP_2011_Tohoku_16_EW	0.404	28536.77	JP_2019_21FEB_NS	0.318	5283.24	JP_2019_21FEB_NS	0.318	5283.24	PE_2011_24AGO_03_EW	4.000	54566.63
	7	JP_2011_Fukushima_04_EW	0.464	11071.66	US_1991_SierraMadre_0	0.474	25034.70	JP_2011_Tohoku_24_NS	0.555	41631.09	JP_2003_Miyagi_03_EW	0.250	5597.39	JP_2003_Miyagi_03_EW	0.250	5597.39	PE_2011_24AGO_03_NS	4.000	54187.15
	8	JP_2003_Miyagi_03_EW	0.300	13628.11	TW_1999_ChiChi_09_90	0.502	27595.13	JP_2011_Tohoku_26_EW	0.764	226937.19	JP_2011_Tohoku_03_NS	0.258	5597.48	JP_2011_Tohoku_03_NS	0.258	5597.48	PE_2011_24AGO_04_NS	4.000	30220.25
	9	JP_2011_Tohoku_31_EW	0.398	14447.07	JP_2011_Tohoku_16_EW	0.404	28536.77	JP_2011_Tohoku_28_EW	1.046	455671.67	US_1989_Loma Prieta_02_90	0.280	6184.16	US_1989_Loma Prieta_02_90	0.280	6184.16	PE_2011_24AGO_05_NS	4.000	55138.38
	10	US_1992_Petrolia_02_360	0.346	15189.43	JP_2021_Fukushima_07_NS	0.445	28925.82	JP_2011_Tohoku_35_EW	0.516	273087.54	US_1992_Petrolia_02_360	0.250	6632.91	US_1992_Petrolia_02_360	0.250	6632.91	PE_2011_24AGO_06_NS	4.000	54816.86
	11	JP_2004_27OCT_02_EW	0.458	19134.13	US_1989_Loma Prieta_01_0	0.380	29170.65	JP_2011_Tohoku_42_EW	0.471	122449.65	JP_1997_Shizuoca_EW	0.273	6659.07	JP_1997_Shizuoca_EW	0.273	6659.07	PE_2011_24AGO_07_EW	4.000	50283.92
	12	JP_2011_Tohoku_15_EW	0.323	20187.08	JP_2018_Hokkaido_04_EW	0.298	29742.30	JP_2011_Tohoku_54_EW	0.657	228431.97	TW_1999_ChiChi_02_360	0.250	6894.32	TW_1999_ChiChi_02_360	0.250	6894.32	PE_2015_24NOV_01_EW	4.000	66698.71
	13	JP_2019_21FEB_NS	0.472	20390.65	JP_2011_Tohoku_17_NS	0.395	31071.38	JP_2011_Tohoku_56_EW	0.259	60485.67	JP_2004_Chuetzu_03_EW	0.333	7315.14	JP_2004_Chuetzu_03_EW	0.333	7315.14	PE_2015_24NOV_01_NS	4.000	66790.93
	14	JP_2011_Tohoku_11_EW	0.411	22178.83	JP_2011_Tohoku_32_NS	0.533	41742.88	JP_2016_Kumamoto_04_EW	0.381	28682.87	JP_2011_12APR_EW	0.348	8453.86	JP_2011_12APR_EW	0.348	8453.86	PE_2015_24NOV_02_EW	4.000	67039.28
	15	JP_2011_Tohoku_03_NS	0.386	22351.46	JP_2004_27OCT_02_NS	1.358	42798.04	JP_2018_Hokkaido_03_EW	0.318	24539.80	US_1991_SierraMadre_0	0.310	8521.91	US_1991_SierraMadre_0	0.310	8521.91	PE_2015_24NOV_03_EW	4.000	66065.57
	16	PE_2001_07JUL_01_NS	3.930	23164.39	CH_2012_GO05_EW	1.418	42896.18	JP_2018_Hokkaido_04_EW	0.298	29742.30	JP_2004_27OCT_02_EW	0.325	8830.85	JP_2004_27OCT_02_EW	0.325	8830.85	PE_2015_24NOV_03_NS	4.000	66119.88
	17	JP_2018_Hokkaido_03_EW	0.318	24539.80	JP_2011_Tohoku_23_EW	0.540	43478.93	JP_2021_Fukushima_07_EW	0.766	100306.10	JP_2011_Tohoku_16_EW	0.258	8873.05	JP_2011_Tohoku_16_EW	0.258	8873.05	PE_2015_24NOV_04_EW	4.000	58560.32
	18	US_1991_SierraMadre_0	0.474	25034.70	CH_2014_Iquique_01_NS	0.439	44986.52	PE_1966_17OCT_EW	2.660	458725.97	JP_2011_Tohoku_31_EW	0.303	8924.08	JP_2011_Tohoku_31_EW	0.303	8924.08	PE_2015_24NOV_04_NS	4.000	57479.77
	19	JP_2011_12APR_EW	0.533	25317.89	JP_2011_Miyagi_17_NS	0.392	45650.92	TW_1999_ChiChi_08_360	0.730	70735.70	JP_2021_Fukushima_07_NS	0.280	9459.55	JP_2021_Fukushima_07_NS	0.280	9459.55	PE_2015_24NOV_05_EW	4.000	65638.19
	20	JP_2021_Fukushima_08_EW	0.379	26124.75	JP_2003_Hokkaido_05_NS	0.500	48223.76	US_1989_Loma Prieta_03_0	0.735	240535.47	JP_2011_Tohoku_26_NS	0.273	9593.61	JP_2011_Tohoku_26_NS	0.273	9593.61	PE_2015_24NOV_05_NS	4.000	65911.21
RMS E	1	JP_2021_Fukushima_10_NS	0.372	72.30	JP_2021_Fukushima_10_EW	0.514	92.85	CH_2010_Maule_06_Long	0.917	494.69	JP_2021_Fukushima_10_NS	0.318	57.61	JP_2021_Fukushima_10_NS	0.318	57.61	JP_2011_Tohoku_55_EW	0.333	147.26
	2	JP_2011_Tohoku_16_NS	0.271	84.50	JP_2011_Fukushima_04_EW	0.464	105.22	JP_2000_Tottori_05_NS	0.413	281.94	JP_2021_Fukushima_10_EW	0.408	67.67	JP_2021_Fukushima_10_EW	0.408	67.67	PE_2005_25SET_03_EW	4.000	241.54
	3	JP_1997_Shizuoca_EW	0.298	84.91	JP_2019_21FEB_NS	0.472	142.80	JP_2011_15MAR_NS	0.584	431.83	JP_2011_Tohoku_16_NS	0.250	67.91	JP_2011_Tohoku_16_NS	0.250	67.91	PE_2005_25SET_03_NS	4.000	242.81
	4	JP_2021_Fukushima_10_EW	0.514	92.85	JP_2011_Tohoku_11_EW	0.411	148.93	JP_2011_Tohoku_11_NS	0.724	384.69	JP_2011_Tohoku_11_EW	0.273	68.56	JP_2011_Tohoku_11_EW	0.273	68.56	PE_2011_24AGO_01_NS	4.000	236.78
	5	TW_1999_ChiChi_02_360	0.298	96.87	JP_2011_Tohoku_03_NS	0.386	149.50	JP_2011_Tohoku_15_NS	0.431	196.05	JP_2011_Fukushima_04_EW	0.355	72.60	JP_2011_Fukushima_04_EW	0.355	72.60	PE_2011_24AGO_02_EW	4.000	232.15
	6	US_1989_Loma Prieta_02_90	0.348	97.00	JP_2018_Hokkaido_03_EW	0.318	156.65	JP_2011_Tohoku_16_EW	0.404	168.93	JP_2019_21FEB_NS	0.318	72.69	JP_2019_21FEB_NS	0.318	72.69	PE_2011_24AGO_03_EW	4.000	233.60
	7	JP_2011_Fukushima_04_EW	0.464	105.22	US_1991_SierraMadre_0	0.474	158.22	JP_2011_Tohoku_24_NS	0.555	204.04	JP_2003_Miyagi_03_EW	0.250	74.82	JP_2003_Miyagi_03_EW	0.250	74.82	PE_2011_24AGO_03_NS	4.000	232.78
	8	JP_2003_Miyagi_03_EW	0.300	116.74	TW_1999_ChiChi_09_90	0.502	166.12	JP_2011_Tohoku_26_EW	0.764	476.38	JP_2011_Tohoku_03_NS	0.258	74.82	JP_2011_Tohoku_03_NS	0.258	74.82	PE_2011_24AGO_04_NS	4.000	173.84
	9	JP_2011_Tohoku_31_EW	0.398	120.20	JP_2011_Tohoku_16_EW	0.404	168.93	JP_2011_Tohoku_28_EW	1.046	675.03	US_1989_Loma Prieta_02_90	0.280	78.64	US_1989_Loma Prieta_02_90	0.280	78.64	PE_2011_24AGO_05_NS	4.000	234.82
	10	US_1992_Petrolia_02_360	0.346	123.25	JP_2021_Fukushima_07_NS	0.445	170.08	JP_2011_Tohoku_35_EW	0.516	522.58	US_1992_Petrolia_02_360	0.250	81.44	US_1992_Petrolia_02_360	0.250	81.44	PE_2011_24AGO_06_NS	4.000	234.13
	11	JP_2004_27OCT_02_EW	0.458	138.33	US_1989_Loma Prieta_01_0	0.380	170.79	JP_2011_Tohoku_42_EW	0.471	349.93	JP_1997_Shizuoca_EW	0.273	81.60	JP_1997_Shizuoca_EW	0.273	81.60	PE_2011_24AGO_07_EW	4.000	224.24
	12	JP_2011_Tohoku_15_EW	0.323	142.08	JP_2018_Hokkaido_04_EW	0.298	172.46	JP_2011_Tohoku_54_EW	0.657	477.95	TW_1999_ChiChi_02_360	0.250	83.03	TW_1999_ChiChi_02_360	0.250	83.03	PE_2015_24NOV_01_EW	4.000	258.26
	13	JP_2019_21FEB_NS	0.472	142.80	JP_2011_Tohoku_17_NS	0.395	176.27	JP_2011_Tohoku_56_EW	0.259	245.94	JP_2004_Chuetzu_03_EW	0.333	85.53	JP_2004_Chuetzu_03_EW	0.333	85.53	PE_2015_24NOV_01_NS	4.000	258.44
	14	JP_2011_Tohoku_11_EW	0.411	148.93	JP_2011_Tohoku_32_NS	0.533	204.31	JP_2016_Kumamoto_04_EW	0.381	169.36	JP_2011_12APR_EW	0.348	91.94	JP_2011_12APR_EW	0.348	91.94	PE_2015_24NOV_02_EW	4.000	258.92
	15	JP_2011_Tohoku_03_NS	0.386	149.50	JP_2004_27OCT_02_NS	1.358	206.88	JP_2018_Hokkaido_03_EW	0.318	156.65	US_1991_SierraMadre_0	0.310	92.31	US_1991_SierraMadre_0	0.310	92.31	PE_2015_24NOV_03_EW	4.000	257.03
	16	PE_2001_07JUL_01_NS	3.930	152.20	CH_2012_GO05_EW	1.418	207.11	JP_2018_Hokkaido_04_EW	0.298	172.46	JP_2004_27OCT_02_EW	0.325	93.97	JP_2004_27OCT_02_EW	0.325	93.97	PE_2015_24NOV_03_NS	4.000	257.14
	17	JP_2018_Hokkaido_03_EW	0.318	156.65	JP_2011_Tohoku_23_EW	0.540	208.52	JP_2021_Fukushima_07_EW	0.766	316.71	JP_2011_Tohoku_16_EW	0.258	94.20	JP_2011_Tohoku_16_EW	0.258	94.20	PE_2015_24NOV_04_EW	4.000	241.99

	18	US_1991_SierraMadre_0	0.474	158.22	CH_2014_Iquique_01_NS	0.439	212.10	PE_1966_17OCT_EW	2.660	677.29	JP_2011_Tohoku_31_EW	0.303	94.47	JP_2011_Tohoku_31_EW	0.303	94.47	PE_2015_24NOV_04_NS	4.000	239.75
	19	JP_2011_12APR_EW	0.533	159.12	JP_2011_Miyagi_17_NS	0.392	213.66	TW_1999_ChiChi_08_360	0.730	265.96	JP_2021_Fukushima_07_NS	0.280	97.26	JP_2021_Fukushima_07_NS	0.280	97.26	PE_2015_24NOV_05_EW	4.000	256.20
	20	JP_2021_Fukushima_08_EW	0.379	161.63	JP_2003_Hokkaido_05_NS	0.500	219.60	US_1989_Loma Prieta_03_0	0.735	490.44	JP_2011_Tohoku_26_NS	0.273	97.95	JP_2011_Tohoku_26_NS	0.273	97.95	PE_2015_24NOV_05_NS	4.000	256.73

REGISTROS SELECCIONADOS CASO Nmr T=0.40s - TSemc-tr-975																			
Caso:		TSemc-tr-975_NSp_Sbs			TSemc-tr-975_NSp_Sci			TSemc-tr-975_NSp_Ssr			TSemc-tr-975_NSr_Sbs			TSemc-tr-975_NSr_Sci			TSemc-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_1997_Shizuoca_EW	0.393	86.15	JP_2011_Fukushima_04_EW	0.612	109.60	CH_2016_GO07_EW	1.767	529.25	JP_2011_Tohoku_16_NS	0.250	56.37	JP_2011_Tohoku_16_NS	0.250	56.37	JP_2011_Tohoku_52_EW	0.325	190.17
	2	JP_2021_Fukushima_10_NS	0.491	92.52	JP_2011_Tohoku_53_NS	0.305	135.68	JP_2000_Tottori_01_EW	1.044	559.38	JP_2003_Miyagi_03_EW	0.250	61.07	JP_2003_Miyagi_03_EW	0.250	61.07	PE_2005_25SET_03_EW	4.000	213.67
	3	US_1989_Loma Prieta_02_90	0.459	94.33	JP_2011_12APR_EW	0.703	154.00	JP_2000_Tottori_05_NS	0.545	293.09	JP_2011_Tohoku_11_EW	0.333	62.80	JP_2011_Tohoku_11_EW	0.333	62.80	PE_2005_25SET_03_NS	4.000	213.37
	4	JP_2011_Tohoku_16_NS	0.358	96.10	JP_2019_21FEB_NS	0.623	159.59	JP_2004_Chuetstu_03_EW	0.818	260.43	JP_2021_Fukushima_10_EW	0.453	66.51	JP_2021_Fukushima_10_EW	0.453	66.51	PE_2011_24AGO_01_NS	4.000	210.65
	5	TW_1999_ChiChi_02_360	0.393	106.19	US_1991_SierraMadre_0	0.626	160.88	JP_2004_Chuetstu_07_NS	0.820	290.87	JP_2004_Chuetstu_03_EW	0.348	67.33	JP_2004_Chuetstu_03_EW	0.348	67.33	PE_2011_24AGO_02_EW	4.000	207.97
	6	JP_2021_Fukushima_10_EW	0.678	107.04	JP_2011_Tohoku_03_NS	0.510	163.86	JP_2011_16AGO_02_EW	2.308	670.56	JP_2021_Fukushima_10_NS	0.355	67.59	JP_2021_Fukushima_10_NS	0.355	67.59	PE_2011_24AGO_03_EW	4.000	209.09
	7	JP_2011_Tohoku_31_EW	0.525	108.16	JP_2011_Tohoku_11_EW	0.542	166.54	JP_2011_Fukushima_04_EW	0.612	109.60	US_1992_Petrolia_02_360	0.265	67.70	US_1992_Petrolia_02_360	0.265	67.70	PE_2011_24AGO_04_NS	4.000	154.06
	8	JP_2011_Fukushima_04_EW	0.612	109.60	JP_2021_Fukushima_07_NS	0.587	166.61	JP_2011_Tohoku_05_EW	1.625	703.35	JP_2019_21FEB_NS	0.370	69.38	JP_2019_21FEB_NS	0.370	69.38	PE_2011_24AGO_05_NS	4.000	206.37
	9	CH_2010_Maule_02_Long	0.326	130.36	TW_1999_ChiChi_09_90	0.662	174.56	JP_2011_Tohoku_10_NS	0.785	539.67	JP_2011_Tohoku_03_NS	0.303	73.15	JP_2011_Tohoku_03_NS	0.303	73.15	PE_2011_24AGO_06_NS	4.000	205.27
	10	JP_2003_Miyagi_03_EW	0.396	131.68	JP_2018_Hokkaido_03_EW	0.419	176.42	JP_2011_Tohoku_15_EW	0.426	153.34	JP_2011_Fukushima_04_EW	0.408	74.18	JP_2011_Fukushima_04_EW	0.408	74.18	PE_2011_24AGO_07_EW	4.000	201.03
	11	JP_2011_Tohoku_53_NS	0.305	135.68	JP_2011_Tohoku_16_EW	0.533	195.46	JP_2011_Tohoku_23_EW	0.713	232.62	US_1989_Loma Prieta_02_90	0.400	76.39	US_1989_Loma Prieta_02_90	0.400	76.39	PE_2011_24AGO_07_NS	4.000	201.54
	12	JP_2021_Fukushima_08_EW	0.500	142.62	JP_2013_25FEB_EW	0.407	202.02	JP_2011_Tohoku_40_NS	1.253	701.32	JP_1997_Shizuoca_EW	0.340	80.84	JP_1997_Shizuoca_EW	0.340	80.84	PE_2015_24NOV_01_EW	4.000	236.97
	13	US_1992_Petrolia_02_360	0.456	146.55	JP_2018_Hokkaido_04_EW	0.393	207.65	JP_2018_Hokkaido_01_EW	1.070	514.28	JP_2018_Hokkaido_03_EW	0.250	81.52	JP_2018_Hokkaido_03_EW	0.250	81.52	PE_2015_24NOV_01_NS	4.000	237.08
	14	JP_2016_14APR_EW	0.675	146.99	US_1989_Loma Prieta_01_0	0.501	209.08	JP_2018_Hokkaido_04_EW	0.393	207.65	JP_2004_06DIC_EW	0.348	82.99	JP_2004_06DIC_EW	0.348	82.99	PE_2015_24NOV_02_EW	4.000	237.61
	15	JP_2011_Tohoku_15_EW	0.426	153.34	JP_2011_Tohoku_17_NS	0.521	216.60	JP_2018_Hokkaido_07_EW	0.290	248.15	JP_2011_Tohoku_31_EW	0.415	83.04	JP_2011_Tohoku_31_EW	0.415	83.04	PE_2015_24NOV_03_EW	4.000	235.02
	16	JP_2011_12APR_EW	0.703	154.00	JP_2004_27OCT_02_NS	1.793	218.11	JP_2019_21FEB_EW	0.967	262.53	US_1991_SierraMadre_0	0.385	86.84	US_1991_SierraMadre_0	0.385	86.84	PE_2015_24NOV_03_NS	4.000	235.08
	17	JP_2016_Kumamoto_01_NS	0.298	154.72	JP_2011_Tohoku_21_NS	0.304	223.08	PE_2001_07JUL_02_EW	2.785	336.01	JP_2011_Tohoku_16_EW	0.250	87.34	JP_2011_Tohoku_16_EW	0.250	87.34	PE_2015_24NOV_04_EW	4.000	220.69
	18	JP_2019_21FEB_NS	0.623	159.59	CH_2012_GO05_EW	1.871	224.39	TW_1999_ChiChi_10_90	0.629	436.46	TW_1999_ChiChi_02_360	0.250	89.15	TW_1999_ChiChi_02_360	0.250	89.15	PE_2015_24NOV_04_NS	4.000	218.37
	19	US_1991_SierraMadre_0	0.626	160.88	TW_1999_ChiChi_09_360	0.489	227.08	US_1987_WhittierNarrows_01_270	1.641	535.86	JP_2021_Fukushima_07_NS	0.340	89.27	JP_2021_Fukushima_07_NS	0.340	89.27	PE_2015_24NOV_05_EW	4.000	233.96
	20	JP_2004_27OCT_02_EW	0.604	161.52	PE_1974_03OCT_NS	2.067	232.37	US_1992_Petrolia_02_360	0.456	146.55	JP_2011_Tohoku_03_EW	0.348	93.49	JP_2011_Tohoku_03_EW	0.348	93.49	PE_2015_24NOV_05_NS	4.000	234.42
MAPE	1	JP_2003_Miyagi_03_EW	0.396	148.51	JP_2011_Tohoku_53_NS	0.305	196.27	CH_2016_GO07_EW	1.767	998.01	US_1987_WhittierNarrows_02_0	0.250	49.35	US_1987_WhittierNarrows_02_0	0.250	49.35	PE_1974_05ENE_02_EW	0.438	72.57
	2	JP_2016_14APR_EW	0.675	165.67	JP_2021_Fukushima_07_NS	0.587	212.06	JP_2000_Tottori_01_EW	1.044	815.63	JP_2011_Miyagi_09_EW	0.280	56.70	JP_2011_Miyagi_09_EW	0.280	56.70	PE_1974_05ENE_02_NS	0.438	75.54
	3	JP_2011_Tohoku_16_NS	0.358	173.88	JP_2019_21FEB_NS	0.623	213.26	JP_2000_Tottori_05_NS	0.545	368.62	PE_2005_13JUN_05_NS	0.580	58.07	PE_2005_13JUN_05_NS	0.580	58.07	PE_2001_07JUL_01_NS	0.250	170.57
	4	TW_1999_ChiChi_02_360	0.393	176.97	JP_2011_15MAR_EW	0.267	225.27	JP_2004_Chuetstu_03_EW	0.818	287.81	US_1991_SierraMadre_90	0.348	59.65	US_1991_SierraMadre_90	0.348	59.65	PE_2005_13JUN_01_EW	0.280	82.15
	5	JP_2021_Miyagi_02_NS	0.486	177.99	JP_2011_Tohoku_56_EW	0.341	241.12	JP_2004_Chuetstu_07_NS	0.820	717.22	PE_2001_07JUL_02_NS	0.468	60.88	PE_2001_07JUL_02_NS	0.468	60.88	PE_2005_13JUN_01_NS	0.310	80.65
	6	JP_1997_Shizuoca_EW	0.393	183.55	JP_2021_Fukushima_07_EW	1.011	252.08	JP_2011_16AGO_02_EW	2.308	926.26	JP_2004_Chuetstu_03_EW	0.250	61.00	JP_2004_Chuetstu_03_EW	0.250	61.00	PE_2005_13JUN_03_EW	0.250	76.49
	7	JP_2011_Tohoku_53_NS	0.305	196.27	JP_2011_Fukushima_04_EW	0.612	260.70	JP_2011_Fukushima_04_EW	0.612	260.70	JP_2004_06DIC_NS	0.250	63.01	JP_2004_06DIC_NS	0.250	63.01	PE_2005_13JUN_06_EW	0.250	90.14
	8	JP_2021_Fukushima_08_EW	0.500	203.74	JP_2011_12APR_EW	0.703	262.95	JP_2011_Tohoku_05_EW	1.625	1275.50	JP_2004_ChuetstuAftershock_02_NS	0.250	64.02	JP_2004_ChuetstuAftershock_02_NS	0.250	64.02	PE_2005_13JUN_06_NS	0.250	107.03

	9	US_1992_Petrolia_02_360	0.45 6	204.40	JP_2009_Shizuoca_01_NS	0.88 9	270.06	JP_2011_Tohoku_10_NS	0.78 5	811.00	US_2005_Anza_01_90	0.25 0	64.52	US_2005_Anza_01_90	0.25 0	64.52	PE_2005_13JUN_07_NS	0.44 5	74.02
	10	JP_2021_Fukushima_10_EW	0.67 8	208.95	JP_2018_Hokkaido_07_EW	0.29 0	283.83	JP_2011_Tohoku_15_EW	0.42 6	405.26	JP_2004_25OCT_EW	0.25 8	64.68	JP_2004_25OCT_EW	0.25 8	64.68	PE_2007_PISCO_05_EW	0.47 5	90.59
	11	JP_2021_Fukushima_07_NS	0.58 7	212.06	JP_2011_Tohoku_03_NS	0.51 0	284.86	JP_2011_Tohoku_23_EW	0.71 3	628.08	PE_2011_24AGO_04_NS	2.69 7	65.09	PE_2011_24AGO_04_NS	2.69 7	65.09	PE_2007_PISCO_05_NS	0.45 3	93.21
	12	JP_2019_21FEB_NS	0.62 3	213.26	JP_2004_Chuetzu_03_EW	0.81 8	287.81	JP_2011_Tohoku_40_NS	1.25 3	1068.82	JP_2009_Shizuoca_01_NS	0.25 0	66.24	JP_2009_Shizuoca_01_NS	0.25 0	66.24	PE_2011_24AGO_02_EW	0.75 3	87.85
	13	JP_2011_Tohoku_31_EW	0.52 5	219.57	US_1992_Big Bear_360	0.72 8	293.33	JP_2018_Hokkaido_01_EW	1.07 0	527.89	JP_2021_Fukushima_07_EW	0.25 0	66.49	JP_2021_Fukushima_07_EW	0.25 0	66.49	PE_2011_24AGO_02_NS	0.86 5	88.83
	14	JP_2016_Kumamoto_04_EW	0.50 2	220.78	JP_2013_25FEB_EW	0.40 7	306.97	JP_2018_Hokkaido_04_EW	0.39 3	356.16	JP_2019_21FEB_NS	0.25 0	67.19	JP_2019_21FEB_NS	0.25 0	67.19	PE_2011_24AGO_06_NS	4.00 0	86.03
	15	JP_2021_Fukushima_10_NS	0.49 1	223.59	JP_2011_Tohoku_11_EW	0.54 2	307.20	JP_2018_Hokkaido_07_EW	0.29 0	283.83	US_2005_Anza_02_90	0.25 0	67.41	US_2005_Anza_02_90	0.25 0	67.41	PE_2011_24AGO_07_EW	0.54 3	89.10
	16	JP_2011_15MAR_EW	0.26 7	225.27	JP_2011_Tohoku_39_EW	0.46 9	309.75	JP_2019_21FEB_EW	0.96 7	362.32	US_1987_WhittierNarrows_02_90	0.25 0	67.60	US_1987_WhittierNarrows_02_90	0.25 0	67.60	PE_2015_24NOV_01_EW	4.00 0	98.50
	17	US_1987_WhittierNarrows_02_0	1.00 5	225.39	JP_2004_ChuetzuAftershock_02_NS	1.03 0	321.38	PE_2001_07JUL_02_EW	2.78 5	809.71	PE_2005_13JUN_05_EW	0.48 3	68.01	PE_2005_13JUN_05_EW	0.48 3	68.01	PE_2015_24NOV_01_NS	4.00 0	98.58
	18	JP_2011_Miyagi_09_NS	0.84 6	231.17	JP_2003_Hokkaido_09_NS	0.48 6	322.00	TW_1999_ChiChi_10_90	0.62 9	866.86	JP_2016_14APR_EW	0.25 0	68.37	JP_2016_14APR_EW	0.25 0	68.37	PE_2015_24NOV_02_EW	4.00 0	98.76
	19	JP_2011_Miyagi_04_EW	0.63 6	231.31	JP_2003_Miyagi_01_EW	0.57 9	322.30	US_1987_WhittierNarrows_01_270	1.64 1	821.25	JP_2003_Miyagi_03_EW	0.25 0	68.85	JP_2003_Miyagi_03_EW	0.25 0	68.85	PE_2015_24NOV_04_EW	4.00 0	85.93
	20	JP_2011_Tohoku_56_EW	0.34 1	241.12	JP_2011_Tohoku_42_NS	0.61 8	323.73	US_1992_Petrolia_02_360	0.45 6	204.40	US_2005_Anza_02_360	0.25 0	68.90	US_2005_Anza_02_360	0.25 0	68.90	PE_2015_24NOV_04_NS	4.00 0	84.48
MSE	1	JP_2021_Fukushima_10_NS	0.49 1	10959.29	JP_2011_Fukushima_04_EW	0.61 2	22034.29	CH_2016_GO07_EW	1.76 7	368532.23	JP_2011_Tohoku_16_NS	0.28 0	6252.76	JP_2011_Tohoku_16_NS	0.28 0	6252.76	JP_2011_Miyagi_16_NS	0.42 3	54521.90
	2	JP_1997_Shizuoca_EW	0.39 3	13313.20	JP_2019_21FEB_NS	0.62 3	39464.26	JP_2000_Tottori_01_EW	1.04 4	512467.64	JP_2021_Fukushima_10_NS	0.40 8	6467.58	JP_2021_Fukushima_10_NS	0.40 8	6467.58	JP_2011_Tohoku_22_EW	0.34 8	53313.75
	3	JP_2011_Tohoku_16_NS	0.35 8	14853.54	JP_2011_Tohoku_11_EW	0.54 2	42640.53	JP_2000_Tottori_05_NS	0.54 5	146158.44	JP_2003_Miyagi_03_EW	0.28 0	7673.25	JP_2003_Miyagi_03_EW	0.28 0	7673.25	PE_2005_25SET_03_EW	4.00 0	99560.70
	4	JP_2021_Fukushima_10_EW	0.67 8	17385.80	JP_2011_Tohoku_03_NS	0.51 0	43123.88	JP_2004_Chuetzu_03_EW	0.81 8	96966.43	JP_2021_Fukushima_10_EW	0.52 8	8667.05	JP_2021_Fukushima_10_EW	0.52 8	8667.05	PE_2011_24AGO_01_NS	4.00 0	97367.26
	5	TW_1999_ChiChi_02_360	0.39 3	18046.78	JP_2011_Tohoku_53_NS	0.30 5	45943.20	JP_2004_Chuetzu_07_NS	0.82 0	130752.24	JP_2011_Tohoku_11_EW	0.34 8	8820.00	JP_2011_Tohoku_11_EW	0.34 8	8820.00	PE_2011_24AGO_02_EW	4.00 0	94481.61
	6	US_1989_Loma Prieta_02_90	0.45 9	18397.20	JP_2018_Hokkaido_03_EW	0.41 9	46996.75	JP_2011_16AGO_02_EW	2.30 8	764507.05	JP_2011_Fukushima_04_EW	0.45 3	9918.11	JP_2011_Fukushima_04_EW	0.45 3	9918.11	PE_2011_24AGO_03_EW	4.00 0	95376.84
	7	JP_2011_Fukushima_04_EW	0.61 2	22034.29	US_1991_SierraMadre_0	0.62 6	47728.98	JP_2011_Fukushima_04_EW	0.61 2	22034.29	JP_2019_21FEB_NS	0.40 8	9949.23	JP_2019_21FEB_NS	0.40 8	9949.23	PE_2011_24AGO_04_NS	4.00 0	60335.63
	8	CH_2010_Maule_02_Long	0.32 6	25029.73	JP_2011_12APR_EW	0.70 3	48341.26	JP_2011_Tohoku_05_EW	1.62 5	882267.69	JP_2011_Tohoku_03_NS	0.32 5	10522.36	JP_2011_Tohoku_03_NS	0.32 5	10522.36	PE_2011_24AGO_05_NS	4.00 0	96014.41
	9	JP_2003_Miyagi_03_EW	0.39 6	26941.19	TW_1999_ChiChi_09_90	0.66 2	51496.78	JP_2011_Tohoku_10_NS	0.78 5	406539.00	US_1989_Loma Prieta_02_90	0.36 3	11285.01	US_1989_Loma Prieta_02_90	0.36 3	11285.01	PE_2011_24AGO_06_NS	4.00 0	95664.61
	10	JP_2011_Tohoku_31_EW	0.52 5	27665.77	JP_2011_Tohoku_16_EW	0.53 3	54163.04	JP_2011_Tohoku_15_EW	0.42 6	36692.05	JP_1997_Shizuoca_EW	0.34 8	11740.95	JP_1997_Shizuoca_EW	0.34 8	11740.95	PE_2011_24AGO_07_EW	4.00 0	89646.48
	11	US_1992_Petrolia_02_360	0.45 6	29560.75	JP_2021_Fukushima_07_NS	0.58 7	54915.34	JP_2011_Tohoku_23_EW	0.71 3	81289.56	US_1992_Petrolia_02_360	0.32 5	12227.78	US_1992_Petrolia_02_360	0.32 5	12227.78	PE_2011_24AGO_07_NS	4.00 0	88890.33
	12	JP_2016_Kumamoto_01_NS	0.29 8	33568.04	US_1989_Loma Prieta_01_0	0.50 1	55296.38	JP_2011_Tohoku_40_NS	1.25 3	1117402.04	TW_1999_ChiChi_02_360	0.31 8	12402.39	TW_1999_ChiChi_02_360	0.31 8	12402.39	PE_2015_24NOV_01_EW	4.00 0	111106.75
	13	JP_2004_27OCT_02_EW	0.60 4	36384.33	JP_2018_Hokkaido_04_EW	0.39 3	56414.79	JP_2018_Hokkaido_01_EW	1.07 0	503751.70	CH_2010_Maule_02_Long	0.25 0	12521.68	CH_2010_Maule_02_Long	0.25 0	12521.68	PE_2015_24NOV_01_NS	4.00 0	111225.26
	14	JP_2011_Tohoku_15_EW	0.42 6	36692.05	JP_2011_Tohoku_17_NS	0.52 1	58774.74	JP_2018_Hokkaido_04_EW	0.39 3	56414.79	JP_2018_Hokkaido_03_EW	0.26 5	13185.71	JP_2018_Hokkaido_03_EW	0.26 5	13185.71	PE_2015_24NOV_02_EW	4.00 0	111537.85
	15	JP_2019_21FEB_NS	0.62 3	39464.26	JP_2011_Tohoku_21_NS	0.30 4	66651.52	JP_2018_Hokkaido_07_EW	0.29 0	87086.26	JP_2004_Chuetzu_03_EW	0.42 3	13580.76	JP_2004_Chuetzu_03_EW	0.42 3	13580.76	PE_2015_24NOV_02_NS	4.00 0	111619.05
	16	JP_2011_Tohoku_11_EW	0.54 2	42640.53	JP_2011_Tohoku_32_NS	0.70 3	78078.36	JP_2019_21FEB_EW	0.96 7	111447.24	JP_2011_12APR_EW	0.44 5	15485.82	JP_2011_12APR_EW	0.44 5	15485.82	PE_2015_24NOV_03_EW	4.00 0	110313.94
	17	JP_2011_Tohoku_03_NS	0.51 0	43123.88	CH_2012_GO05_EW	1.87 1	79855.65	PE_2001_07JUL_02_EW	2.78 5	150794.31	US_1991_SierraMadre_0	0.40 0	15555.46	US_1991_SierraMadre_0	0.40 0	15555.46	PE_2015_24NOV_04_EW	4.00 0	100628.74
	18	JP_2011_Tohoku_53_NS	0.30 5	45943.20	JP_2004_27OCT_02_NS	1.79 3	80096.47	TW_1999_ChiChi_10_90	0.62 9	275419.02	JP_2004_27OCT_02_EW	0.41 5	15825.68	JP_2004_27OCT_02_EW	0.41 5	15825.68	PE_2015_24NOV_04_NS	4.00 0	99214.90
	19	JP_2018_Hokkaido_03_EW	0.41 9	46996.75	JP_2011_Tohoku_23_EW	0.71 3	81289.56	US_1987_WhittierNarrows_01_270	1.64 1	485634.80	JP_2011_Tohoku_31_EW	0.39 3	16080.09	JP_2011_Tohoku_31_EW	0.39 3	16080.09	PE_2015_24NOV_05_EW	4.00 0	109773.43
	20	US_1991_SierraMadre_0	0.62 6	47728.98	CH_2014_Iquique_01_NS	0.57 9	84023.69	US_1992_Petrolia_02_360	0.45 6	29560.75	JP_2011_Tohoku_16_EW	0.32 5	16174.79	JP_2011_Tohoku_16_EW	0.32 5	16174.79	PE_2015_24NOV_05_NS	4.00 0	110125.84
RMS E	1	JP_2021_Fukushima_10_NS	0.49 1	104.69	JP_2011_Fukushima_04_EW	0.61 2	148.44	CH_2016_GO07_EW	1.76 7	607.07	JP_2011_Tohoku_16_NS	0.28 0	79.07	JP_2011_Tohoku_16_NS	0.28 0	79.07	JP_2011_Miyagi_16_NS	0.42 3	233.50
	2	JP_1997_Shizuoca_EW	0.39 3	115.38	JP_2019_21FEB_NS	0.62 3	198.66	JP_2000_Tottori_01_EW	1.04 4	715.87	JP_2021_Fukushima_10_NS	0.40 8	80.42	JP_2021_Fukushima_10_NS	0.40 8	80.42	JP_2011_Tohoku_22_EW	0.34 8	230.90
	3	JP_2011_Tohoku_16_NS	0.35 8	121.88	JP_2011_Tohoku_11_EW	0.54 2	206.50	JP_2000_Tottori_05_NS	0.54 5	382.31	JP_2003_Miyagi_03_EW	0.28 0	87.60	JP_2003_Miyagi_03_EW	0.28 0	87.60	PE_2005_25SET_03_EW	4.00 0	315.53
	4	JP_2021_Fukushima_10_EW	0.67 8	131.86	JP_2011_Tohoku_03_NS	0.51 0	207.66	JP_2004_Chuetzu_03_EW	0.81 8	311.39	JP_2021_Fukushima_10_EW	0.52 8	93.10	JP_2021_Fukushima_10_EW	0.52 8	93.10	PE_2011_24AGO_01_NS	4.00 0	312.04
	5	TW_1999_ChiChi_02_360	0.39 3	134.34	JP_2011_Tohoku_53_NS	0.30 5	214.34	JP_2004_Chuetzu_07_NS	0.82 0	361.60	JP_2011_Tohoku_11_EW	0.34 8	93.91	JP_2011_Tohoku_11_EW	0.34 8	93.91	PE_2011_24AGO_02_EW	4.00 0	307.38
	6	US_1989_Loma Prieta_02_90	0.45 9	135.64	JP_2018_Hokkaido_03_EW	0.41 9	216.79	JP_2011_16AGO_02_EW	2.30 8	874.36	JP_2011_Fukushima_04_EW	0.45 3	99.59	JP_2011_Fukushima_04_EW	0.45 3	99.59	PE_2011_24AGO_03_EW	4.00 0	308.83
	7	JP_2011_Fukushima_04_EW	0.61 2	148.44	US_1991_SierraMadre_0	0.62 6	218.47	JP_2011_Fukushima_04_EW	0.61 2	148.44	JP_2019_21FEB_NS	0.40 8	99.75	JP_2019_21FEB_NS	0.40 8	99.75	PE_2011_24AGO_04_NS	4.00 0	245.63

	8	CH_2010_Maule_02_Long	0.32 6	158.21	JP_2011_12APR_EW	0.70 3	219.87	JP_2011_Tohoku_05_EW	1.62 5	939.29	JP_2011_Tohoku_03_NS	0.32 5	102.58	JP_2011_Tohoku_03_NS	0.32 5	102.58	PE_2011_24AGO_05_NS	4.00 0	309.86
	9	JP_2003_Miyagi_03_EW	0.39 6	164.14	TW_1999_ChiChi_09_90	0.66 2	226.93	JP_2011_Tohoku_10_NS	0.78 5	637.60	US_1989_Loma Prieta_02_90	0.36 3	106.23	US_1989_Loma Prieta_02_90	0.36 3	106.23	PE_2011_24AGO_06_NS	4.00 0	309.30
	10	JP_2011_Tohoku_31_EW	0.52 5	166.33	JP_2011_Tohoku_16_EW	0.53 3	232.73	JP_2011_Tohoku_15_EW	0.42 6	191.55	JP_1997_Shizuoca_EW	0.34 8	108.36	JP_1997_Shizuoca_EW	0.34 8	108.36	PE_2011_24AGO_07_EW	4.00 0	299.41
	11	US_1992_Petrolia_02_360	0.45 6	171.93	JP_2021_Fukushima_07_NS	0.58 7	234.34	JP_2011_Tohoku_23_EW	0.71 3	285.11	US_1992_Petrolia_02_360	0.32 5	110.58	US_1992_Petrolia_02_360	0.32 5	110.58	PE_2011_24AGO_07_NS	4.00 0	298.14
	12	JP_2016_Kumamoto_01_NS	0.29 8	183.22	US_1989_Loma Prieta_01_0	0.50 1	235.15	JP_2011_Tohoku_40_NS	1.25 3	1057.07	TW_1999_ChiChi_02_360	0.31 8	111.37	TW_1999_ChiChi_02_360	0.31 8	111.37	PE_2015_24NOV_01_EW	4.00 0	333.33
	13	JP_2004_27OCT_02_EW	0.60 4	190.75	JP_2018_Hokkaido_04_EW	0.39 3	237.52	JP_2018_Hokkaido_01_EW	1.07 0	709.75	CH_2010_Maule_02_Long	0.25 0	111.90	CH_2010_Maule_02_Long	0.25 0	111.90	PE_2015_24NOV_01_NS	4.00 0	333.50
	14	JP_2011_Tohoku_15_EW	0.42 6	191.55	JP_2011_Tohoku_17_NS	0.52 1	242.44	JP_2018_Hokkaido_04_EW	0.39 3	237.52	JP_2018_Hokkaido_03_EW	0.26 5	114.83	JP_2018_Hokkaido_03_EW	0.26 5	114.83	PE_2015_24NOV_02_EW	4.00 0	333.97
	15	JP_2019_21FEB_NS	0.62 3	198.66	JP_2011_Tohoku_21_NS	0.30 4	258.17	JP_2018_Hokkaido_07_EW	0.29 0	295.10	JP_2004_Chuet-su_03_EW	0.42 3	116.54	JP_2004_Chuet-su_03_EW	0.42 3	116.54	PE_2015_24NOV_02_NS	4.00 0	334.09
	16	JP_2011_Tohoku_11_EW	0.54 2	206.50	JP_2011_Tohoku_32_NS	0.70 3	279.43	JP_2019_21FEB_EW	0.96 7	333.84	JP_2011_12APR_EW	0.44 5	124.44	JP_2011_12APR_EW	0.44 5	124.44	PE_2015_24NOV_03_EW	4.00 0	332.14
	17	JP_2011_Tohoku_03_NS	0.51 0	207.66	CH_2012_GO05_EW	1.87 1	282.59	PE_2001_07JUL_02_EW	2.78 5	388.32	US_1991_SierraMadre_0	0.40 0	124.72	US_1991_SierraMadre_0	0.40 0	124.72	PE_2015_24NOV_04_EW	4.00 0	317.22
	18	JP_2011_Tohoku_53_NS	0.30 5	214.34	JP_2004_27OCT_02_NS	1.79 3	283.01	TW_1999_ChiChi_10_90	0.62 9	524.80	JP_2004_27OCT_02_EW	0.41 5	125.80	JP_2004_27OCT_02_EW	0.41 5	125.80	PE_2015_24NOV_04_NS	4.00 0	314.98
	19	JP_2018_Hokkaido_03_EW	0.41 9	216.79	JP_2011_Tohoku_23_EW	0.71 3	285.11	US_1987_WhittierNarrows_01_270	1.64 1	696.88	JP_2011_Tohoku_31_EW	0.39 3	126.81	JP_2011_Tohoku_31_EW	0.39 3	126.81	PE_2015_24NOV_05_EW	4.00 0	331.32
	20	US_1991_SierraMadre_0	0.62 6	218.47	CH_2014_Iquique_01_NS	0.57 9	289.87	US_1992_Petrolia_02_360	0.45 6	171.93	JP_2011_Tohoku_16_EW	0.32 5	127.18	JP_2011_Tohoku_16_EW	0.32 5	127.18	PE_2015_24NOV_05_NS	4.00 0	331.85

REGISTROS SELECCIONADOS CASO Nmr T=0.40s - TSemc-tr-2475																			
Caso:		TSemc-tr-2475_NSp_Sbs			TSemc-tr-2475_NSp_Sci			TSemc-tr-2475_NSp_Ssr			TSemc-tr-2475_NSr_Sbs			TSemc-tr-2475_NSr_Sci			TSemc-tr-2475_NSr_Ssr		
ME	N.º	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_1997_Shizuoca_EW	0.49 6	112.49	JP_2011_Fukushima_04_EW	0.77 2	146.85	CH_2014_Iquique_01_EW	1.00 4	446.70	JP_2011_Tohoku_16_NS	0.31 0	74.19	JP_2011_Tohoku_16_NS	0.31 0	74.19	JP_2011_Tohoku_52_EW	0.38 5	235.15
	2	JP_2021_Fukushima_10_NS	0.61 9	125.65	JP_2011_Tohoku_53_NS	0.38 5	178.70	JP_2003_Hokkaido_05_EW	1.79 9	667.04	JP_2003_Miyagi_03_EW	0.31 0	79.19	JP_2003_Miyagi_03_EW	0.31 0	79.19	PE_2005_25SET_03_EW	4.00 0	262.79
	3	US_1989_Loma Prieta_02_90	0.57 9	126.51	JP_2011_12APR_EW	0.88 6	202.68	JP_2003_Hokkaido_05_NS	0.83 2	325.11	JP_2011_Tohoku_11_EW	0.41 5	81.48	JP_2011_Tohoku_11_EW	0.41 5	81.48	PE_2011_24AGO_01_NS	4.00 0	263.18
	4	JP_2011_Tohoku_16_NS	0.45 2	130.98	JP_2019_21FEB_NS	0.78 6	211.05	JP_2004_23OCT_NS	2.22 4	434.81	JP_2021_Fukushima_10_EW	0.55 0	86.52	JP_2021_Fukushima_10_EW	0.55 0	86.52	PE_2011_24AGO_02_EW	4.00 0	260.37
	5	TW_1999_ChiChi_02_360	0.49 5	140.07	US_1991_SierraMadre_0	0.78 9	211.91	JP_2004_Chuet-su_07_NS	1.03 5	376.60	JP_2004_Chuet-su_03_EW	0.41 5	87.38	JP_2004_Chuet-su_03_EW	0.41 5	87.38	PE_2011_24AGO_03_EW	4.00 0	261.59
	6	JP_2021_Fukushima_10_EW	0.85 5	143.96	JP_2011_Tohoku_03_NS	0.64 3	216.44	JP_2009_Shizuoca_03_EW	1.35 4	315.14	US_1992_Petrolia_02_360	0.32 5	87.75	US_1992_Petrolia_02_360	0.32 5	87.75	PE_2011_24AGO_04_EW	4.00 0	210.98
	7	JP_2011_Tohoku_31_EW	0.66 2	144.68	JP_2021_Fukushima_07_NS	0.74 1	219.08	JP_2011_Miyagi_13_NS	2.17 8	1163.98	JP_2021_Fukushima_10_NS	0.43 0	88.30	JP_2021_Fukushima_10_NS	0.43 0	88.30	PE_2011_24AGO_04_NS	4.00 0	200.15
	8	JP_2011_Fukushima_04_EW	0.77 2	146.85	JP_2011_Tohoku_11_EW	0.68 4	219.82	JP_2011_Tohoku_15_EW	0.53 7	196.48	JP_2019_21FEB_NS	0.46 0	88.96	JP_2019_21FEB_NS	0.46 0	88.96	PE_2011_24AGO_05_NS	4.00 0	257.67
	9	CH_2010_Maule_02_Long	0.41 1	172.22	TW_1999_ChiChi_09_90	0.83 5	229.28	JP_2011_Tohoku_16_EW	0.67 3	255.20	JP_2011_Tohoku_03_NS	0.37 0	94.37	JP_2011_Tohoku_03_NS	0.37 0	94.37	PE_2011_24AGO_06_NS	4.00 0	257.79
	10	JP_2003_Miyagi_03_EW	0.49 9	175.86	JP_2018_Hokkaido_03_EW	0.52 9	231.45	JP_2011_Tohoku_17_NS	0.65 8	282.94	JP_2011_Fukushima_04_EW	0.49 8	95.86	JP_2011_Fukushima_04_EW	0.49 8	95.86	PE_2011_24AGO_07_EW	4.00 0	253.43
	11	JP_2011_Tohoku_53_NS	0.38 5	178.70	JP_2018_Hokkaido_07_NS	0.25 0	244.23	JP_2011_Tohoku_21_EW	0.26 2	268.87	US_1989_Loma Prieta_02_90	0.49 8	98.02	US_1989_Loma Prieta_02_90	0.49 8	98.02	PE_2011_24AGO_07_NS	4.00 0	253.94
	12	JP_2016_14APR_EW	0.85 2	187.71	JP_2011_Tohoku_16_EW	0.67 3	255.20	JP_2011_Tohoku_21_NS	0.38 3	291.11	JP_1997_Shizuoca_EW	0.40 0	102.33	JP_1997_Shizuoca_EW	0.40 0	102.33	PE_2015_24NOV_01_EW	4.00 0	289.51
	13	JP_2021_Fukushima_08_EW	0.63 1	188.28	JP_2013_25FEB_EW	0.51 3	262.05	JP_2011_Tohoku_23_EW	0.89 9	303.15	JP_2018_Hokkaido_03_EW	0.28 0	102.37	JP_2018_Hokkaido_03_EW	0.28 0	102.37	PE_2015_24NOV_01_NS	4.00 0	289.63
	14	US_1992_Petrolia_02_360	0.57 6	192.70	JP_2011_Tohoku_21_EW	0.26 2	268.87	JP_2011_Tohoku_56_EW	0.43 0	346.54	JP_2011_Tohoku_31_EW	0.49 8	106.87	JP_2011_Tohoku_31_EW	0.49 8	106.87	PE_2015_24NOV_02_EW	4.00 0	290.16
	15	JP_2011_Tohoku_15_EW	0.53 7	196.48	JP_2018_Hokkaido_04_EW	0.49 6	270.84	JP_2011_Tohoku_58_EW	1.01 7	289.37	JP_2004_06DIC_EW	0.42 3	106.90	JP_2004_06DIC_EW	0.42 3	106.90	PE_2015_24NOV_02_NS	4.00 0	290.28
	16	JP_2016_Kumamoto_01_NS	0.37 6	200.50	US_1989_Loma Prieta_01_0	0.63 2	272.09	JP_2018_Hokkaido_01_EW	1.34 9	658.33	JP_2011_Tohoku_45_NS	0.25 0	107.77	JP_2011_Tohoku_45_NS	0.25 0	107.77	PE_2015_24NOV_03_EW	4.00 0	287.57
	17	JP_2011_12APR_EW	0.88 6	202.68	JP_2011_Tohoku_17_NS	0.65 8	282.94	JP_2018_Hokkaido_04_EW	0.49 6	270.84	JP_2011_Tohoku_16_EW	0.30 3	111.42	JP_2011_Tohoku_16_EW	0.30 3	111.42	PE_2015_24NOV_04_EW	4.00 0	273.23
	18	JP_2004_27OCT_02_EW	0.76 2	210.57	JP_2004_27OCT_02_NS	2.26 1	284.85	JP_2018_Hokkaido_07_EW	0.36 6	322.73	US_1991_SierraMadre_0	0.46 8	111.49	US_1991_SierraMadre_0	0.46 8	111.49	PE_2015_24NOV_04_NS	4.00 0	270.92
	19	JP_2019_21FEB_NS	0.78 6	211.05	JP_2011_Tohoku_21_NS	0.38 3	291.11	JP_2018_Hokkaido_07_NS	0.25 0	244.23	TW_1999_ChiChi_02_360	0.29 5	113.25	TW_1999_ChiChi_02_360	0.29 5	113.25	PE_2015_24NOV_05_EW	4.00 0	286.51
	20	JP_2016_Kumamoto_02_EW	0.85 8	211.85	CH_2012_GO05_EW	2.36 0	292.77	US_1992_Petrolia_02_360	0.57 6	192.70	JP_2021_Fukushima_07_NS	0.42 3	113.69	JP_2021_Fukushima_07_NS	0.42 3	113.69	PE_2015_24NOV_05_NS	4.00 0	286.97

MAP E	1	JP_2003_Miyagi_03_EW	0.49 9	170.80	JP_2011_Tohoku_53_NS	0.38 5	225.25	CH_2014_Iquique_01_EW	1.00 4	483.24	US_1987_WhittierNarrows_02_0	0.25 0	50.73	US_1987_WhittierNarrows_02_0	0.25 0	50.73	PE_1974_05ENE_02_EW	0.49 8	73.47
	2	JP_2016_14APR_EW	0.85 2	187.53	JP_2021_Fukushima_07_NS	0.74 1	242.63	JP_2003_Hokkaido_05_NS	0.83 2	601.83	JP_2011_Miyagi_09_EW	0.31 0	59.25	JP_2011_Miyagi_09_EW	0.31 0	59.25	PE_1974_05ENE_02_NS	0.49 8	76.01
	3	JP_2021_Miyagi_02_NS	0.61 3	199.75	JP_2019_21FEB_NS	0.78 6	243.55	JP_2004_23OCT_NS	2.22 4	670.40	PE_2005_13JUN_05_NS	0.65 5	59.54	PE_2005_13JUN_05_NS	0.65 5	59.54	PE_2001_07JUL_01_NS	0.25 0	162.20
	4	JP_2011_Tohoku_16_NS	0.45 2	201.54	JP_2011_15MAR_EW	0.33 7	254.08	JP_2004_Chuetstu_03_EW	1.03 2	324.64	JP_2003_Miyagi_03_EW	0.25 0	61.09	JP_2003_Miyagi_03_EW	0.25 0	61.09	PE_2005_13JUN_01_EW	0.31 0	82.85
	5	TW_1999_ChiChi_02_360	0.49 5	203.21	JP_2018_Hokkaido_07_NS	0.25 0	257.89	JP_2004_Chuetstu_07_NS	1.03 5	811.66	US_1991_SierraMadre_90	0.37 8	61.35	US_1991_SierraMadre_90	0.37 8	61.35	PE_2005_13JUN_01_NS	0.34 8	81.40
	6	JP_1997_Shizuoca_EW	0.49 6	211.58	JP_2011_Tohoku_56_EW	0.43 0	271.89	JP_2009_Shizuoca_03_EW	1.35 4	442.88	JP_2004_Chuetstu_03_EW	0.25 0	62.13	JP_2004_Chuetstu_03_EW	0.25 0	62.13	PE_2005_13JUN_03_EW	0.27 3	76.90
	7	JP_2011_Tohoku_53_NS	0.38 5	225.25	JP_2021_Fukushima_07_EW	1.27 5	284.67	JP_2011_Miyagi_13_N S	2.17 8	1369.71	JP_2004_06DIC_NS	0.25 0	63.10	JP_2004_06DIC_NS	0.25 0	63.10	PE_2005_13JUN_06_EW	0.25 0	90.20
	8	JP_2021_Fukushima_08_E W	0.63 1	233.01	JP_2011_Fukushima_04_EW	0.77 2	299.84	JP_2011_Tohoku_15_E W	0.53 7	459.71	PE_2001_07JUL_02_NS	0.52 8	63.16	PE_2001_07JUL_02_NS	0.52 8	63.16	PE_2005_13JUN_06_NS	0.25 0	105.75
	9	US_1992_Petrolia_02_360	0.57 6	233.03	JP_2011_12APR_EW	0.88 6	301.71	JP_2011_Tohoku_16_E W	0.67 3	453.96	US_2005_Anza_01_90	0.25 0	64.24	US_2005_Anza_01_90	0.25 0	64.24	PE_2005_13JUN_07_NS	0.46 8	75.02
	10	JP_2021_Fukushima_10_E W	0.85 5	240.05	JP_2009_Shizuoca_01_NS	1.12 2	304.75	JP_2011_Tohoku_17_N S	0.65 8	564.28	JP_2004_ChuetstuAftershock_0 2 NS	0.25 0	64.31	JP_2004_ChuetstuAftershock_0 2 NS	0.25 0	64.31	PE_2007_PISCO_05_EW	0.52 8	90.85
	11	JP_2021_Fukushima_07_N S	0.74 1	242.63	JP_2018_Hokkaido_07_EW	0.36 6	320.42	JP_2011_Tohoku_21_E W	0.26 2	347.91	JP_2009_Shizuoca_01_NS	0.25 0	64.95	JP_2009_Shizuoca_01_NS	0.25 0	64.95	PE_2007_PISCO_05_NS	0.25 0	93.58
	12	JP_2019_21FEB_NS	0.78 6	243.55	JP_2004_Chuetstu_03_EW	1.03 2	324.64	JP_2011_Tohoku_21_N S	0.38 3	447.59	US_2005_Anza_02_90	0.25 0	65.19	US_2005_Anza_02_90	0.25 0	65.19	PE_2011_24AGO_02_EW	0.82 8	88.16
	13	JP_2016_Kumamoto_04_E W	0.63 3	250.51	JP_2011_Tohoku_03_NS	0.64 3	325.57	JP_2011_Tohoku_23_E W	0.89 9	713.92	JP_2021_Fukushima_06_NS	0.25 0	65.65	JP_2021_Fukushima_06_NS	0.25 0	65.65	PE_2011_24AGO_02_NS	0.95 5	89.18
	14	JP_2011_Tohoku_31_EW	0.66 2	253.00	US_1992_Big Bear_360	0.91 8	329.84	JP_2011_Tohoku_56_E W	0.43 0	271.89	US_1987_WhittierNarrows_02_90	0.25 0	65.99	US_1987_WhittierNarrows_02_90	0.25 0	65.99	PE_2011_24AGO_06_NS	2.27 3	87.27
	15	US_1987_WhittierNarrows_02_0	1.26 7	253.21	JP_2011_Tohoku_39_EW	0.59 1	345.58	JP_2011_Tohoku_58_E W	1.01 7	382.94	JP_2019_21FEB_NS	0.25 0	66.09	JP_2019_21FEB_NS	0.25 0	66.09	PE_2011_24AGO_07_EW	0.59 5	89.47
	16	JP_2011_15MAR_EW	0.33 7	254.08	JP_2011_Tohoku_21_EW	0.26 2	347.91	JP_2018_Hokkaido_01_EW	1.34 9	589.97	JP_2004_25OCT_EW	0.29 5	66.15	JP_2004_25OCT_EW	0.29 5	66.15	PE_2015_24NOV_01_EW	4.00 0	98.70
	17	JP_2021_Fukushima_10_N S	0.61 9	257.19	JP_2013_25FEB_EW	0.51 3	349.20	JP_2018_Hokkaido_04_EW	0.49 6	402.21	JP_2003_Miyagi_03_NS	0.25 0	66.17	JP_2003_Miyagi_03_NS	0.25 0	66.17	PE_2015_24NOV_01_NS	4.00 0	98.78
	18	JP_2018_Hokkaido_07_NS	0.25 0	257.89	JP_2011_Tohoku_11_EW	0.68 4	351.03	JP_2018_Hokkaido_07_EW	0.36 6	320.42	JP_2021_Fukushima_07_EW	0.25 0	66.23	JP_2021_Fukushima_07_EW	0.25 0	66.23	PE_2015_24NOV_02_EW	4.00 0	98.92
	19	JP_2011_Miyagi_09_NS	1.06 7	261.15	JP_2003_Miyagi_01_EW	0.73 1	361.45	JP_2018_Hokkaido_07_NS	0.25 0	257.89	PE_2011_24AGO_04_NS	3.09 1	67.17	PE_2011_24AGO_04_NS	3.09 1	67.17	PE_2015_24NOV_04_EW	4.00 0	87.81
	20	JP_2011_Miyagi_04_EW	0.80 3	262.86	JP_2004_ChuetstuAftershock_0 2 NS	1.29 9	362.78	US_1992_Petrolia_02_360	0.57 6	233.03	US_2005_Anza_02_360	0.25 0	67.29	US_2005_Anza_02_360	0.25 0	67.29	PE_2015_24NOV_04_NS	4.00 0	86.60
MSE	1	JP_2021_Fukushima_10_N S	0.61 9	20045.75	JP_2011_Fukushima_04_EW	0.77 2	38760.52	CH_2014_Iquique_01_EW	1.00 4	337722.70	JP_2011_Tohoku_16_NS	0.34 0	10895.78	JP_2011_Tohoku_16_NS	0.34 0	10895.78	CH_2014_Iquique_01_EW	0.39 3	57970.57
	2	JP_1997_Shizuoca_EW	0.49 6	22312.50	JP_2019_21FEB_NS	0.78 6	68089.95	JP_2003_Hokkaido_05_NS	0.83 2	148732.84	JP_2021_Fukushima_10_NS	0.49 8	11168.11	JP_2021_Fukushima_10_NS	0.49 8	11168.11	JP_2000_Tottori_01_E W	0.34 8	73672.42
	3	JP_2011_Tohoku_16_NS	0.45 2	26959.07	JP_2011_Tohoku_11_EW	0.68 4	73283.82	JP_2004_23OCT_NS	2.22 4	250308.99	JP_2003_Miyagi_03_EW	0.34 0	13031.15	JP_2003_Miyagi_03_EW	0.34 0	13031.15	JP_2011_Tohoku_28_EW	0.36 3	84834.62
	4	JP_2021_Fukushima_10_E W	0.85 5	30900.24	JP_2011_Tohoku_03_NS	0.64 3	74213.81	JP_2004_Chuetstu_03_EW	1.03 2	162833.09	JP_2021_Fukushima_10_EW	0.64 8	14624.75	JP_2021_Fukushima_10_EW	0.64 8	14624.75	JP_2011_Tohoku_52_EW	0.38 5	115365.30
	5	TW_1999_ChiChi_02_360	0.49 5	31102.22	JP_2011_Tohoku_53_NS	0.38 5	78084.13	JP_2004_Chuetstu_07_NS	1.03 5	216636.53	JP_2011_Tohoku_11_EW	0.42 3	14848.12	JP_2011_Tohoku_11_EW	0.42 3	14848.12	PE_2011_24AGO_01_NS	4.00 0	153120.36
	6	US_1989_Loma Prieta_02_90	0.57 9	31972.57	JP_2018_Hokkaido_03_EW	0.52 9	80418.64	JP_2009_Shizuoca_03_EW	1.35 4	172286.64	JP_2011_Fukushima_04_EW	0.55 8	16639.21	JP_2011_Fukushima_04_EW	0.55 8	16639.21	PE_2011_24AGO_02_EW	4.00 0	149483.42
	7	JP_2011_Fukushima_04_E W	0.77 2	38760.52	US_1991_SierraMadre_0	0.78 9	81334.00	JP_2011_Miyagi_13_N S	2.17 8	2470853.97	JP_2019_21FEB_NS	0.49 8	16730.39	JP_2019_21FEB_NS	0.49 8	16730.39	PE_2011_24AGO_03_EW	4.00 0	150607.35
	8	CH_2010_Maule_02_Long	0.41 1	43564.96	JP_2011_12APR_EW	0.88 6	82465.33	JP_2011_Tohoku_15_E W	0.53 7	60582.08	JP_2011_Tohoku_03_NS	0.40 0	17689.14	JP_2011_Tohoku_03_NS	0.40 0	17689.14	PE_2011_24AGO_04_EW	4.00 0	112388.65
	9	JP_2003_Miyagi_03_EW	0.49 9	47213.51	TW_1999_ChiChi_09_90	0.83 5	86397.02	JP_2011_Tohoku_16_E W	0.67 3	92092.48	US_1989_Loma Prieta_02_90	0.44 5	18527.19	US_1989_Loma Prieta_02_90	0.44 5	18527.19	PE_2011_24AGO_04_NS	4.00 0	104423.64
	10	JP_2011_Tohoku_31_EW	0.66 2	47322.74	JP_2011_Tohoku_16_EW	0.67 3	92092.48	JP_2011_Tohoku_17_N S	0.65 8	99698.61	JP_1997_Shizuoca_EW	0.43 0	18814.93	JP_1997_Shizuoca_EW	0.43 0	18814.93	PE_2011_24AGO_06_NS	4.00 0	150949.55
	11	US_1992_Petrolia_02_360	0.57 6	51199.75	JP_2018_Hokkaido_07_NS	0.25 0	92377.28	JP_2011_Tohoku_21_E W	0.26 2	103609.33	TW_1999_ChiChi_02_360	0.39 3	20226.52	TW_1999_ChiChi_02_360	0.39 3	20226.52	PE_2011_24AGO_07_EW	4.00 0	143367.83
	12	JP_2016_Kumamoto_01_N S	0.37 6	57238.69	JP_2021_Fukushima_07_NS	0.74 1	93298.24	JP_2011_Tohoku_21_N S	0.38 3	112461.51	US_1992_Petrolia_02_360	0.40 0	20240.85	US_1992_Petrolia_02_360	0.40 0	20240.85	PE_2011_24AGO_07_NS	4.00 0	142398.85
	13	JP_2011_Tohoku_15_EW	0.53 7	60582.08	US_1989_Loma Prieta_01_0	0.63 2	93911.03	JP_2011_Tohoku_23_E W	0.89 9	136595.06	CH_2010_Maule_02_Long	0.29 5	20499.48	CH_2010_Maule_02_Long	0.29 5	20499.48	PE_2015_24NOV_01_EW	4.00 0	170085.37
	14	JP_2004_27OCT_02_EW	0.76 2	61977.50	JP_2018_Hokkaido_04_EW	0.49 6	95855.78	JP_2011_Tohoku_56_E W	0.43 0	187181.67	JP_2018_Hokkaido_03_EW	0.32 5	21860.53	JP_2018_Hokkaido_03_EW	0.32 5	21860.53	PE_2015_24NOV_01_NS	4.00 0	170231.41
	15	JP_2019_21FEB_NS	0.78 6	68089.95	JP_2011_Tohoku_17_NS	0.65 8	99698.61	JP_2011_Tohoku_58_E W	1.01 7	125590.71	JP_2004_Chuetstu_03_EW	0.52 0	22615.39	JP_2004_Chuetstu_03_EW	0.52 0	22615.39	PE_2015_24NOV_02_EW	4.00 0	170609.94
	16	JP_2011_Tohoku_11_EW	0.68 4	73283.82	JP_2011_Tohoku_21_EW	0.26 2	103609.33	JP_2018_Hokkaido_01_EW	1.34 9	820019.81	JP_2011_12APR_EW	0.54 3	25470.61	JP_2011_12APR_EW	0.54 3	25470.61	PE_2015_24NOV_02_NS	4.00 0	170710.59
	17	JP_2011_Tohoku_03_NS	0.64 3	74213.81	JP_2011_Tohoku_21_NS	0.38 3	112461.51	JP_2018_Hokkaido_04_EW	0.49 6	95855.78	US_1991_SierraMadre_0	0.49 0	25503.17	US_1991_SierraMadre_0	0.49 0	25503.17	PE_2015_24NOV_03_EW	4.00 0	169127.96
	18	JP_2011_Tohoku_53_NS	0.38 5	78084.13	JP_2011_Tohoku_32_NS	0.88 6	131180.15	JP_2018_Hokkaido_07_EW	0.36 6	146450.68	JP_2004_27OCT_02_EW	0.50 5	25670.83	JP_2004_27OCT_02_EW	0.50 5	25670.83	PE_2015_24NOV_04_EW	4.00 0	157171.74
	19	JP_2018_Hokkaido_03_EW	0.52 9	80418.64	CH_2012_GO05_EW	2.36 0	133672.08	JP_2018_Hokkaido_07_NS	0.25 0	92377.28	JP_2011_Tohoku_56_EW	0.25 0	25774.50	JP_2011_Tohoku_56_EW	0.25 0	25774.50	PE_2015_24NOV_04_NS	4.00 0	155404.60

	20	US_1991_SierraMadre_0	0.789	81334.00	JP_2004_27OCT_02_NS	2.261	134571.22	US_1992_Petrolia_02_360	0.576	51199.75	JP_2011_Tohoku_31_EW	0.483	26132.69	JP_2011_Tohoku_31_EW	0.483	26132.69	PE_2015_24NOV_05_NS	4.000	168906.41
RMS E	1	JP_2021_Fukushima_10_NS	0.619	141.58	JP_2011_Fukushima_04_EW	0.772	196.88	CH_2014_Iquique_01_EW	1.004	581.14	JP_2011_Tohoku_16_NS	0.340	104.38	JP_2011_Tohoku_16_NS	0.340	104.38	CH_2014_Iquique_01_EW	0.393	240.77
	2	JP_1997_Shizuoca_EW	0.496	149.37	JP_2019_21FEB_NS	0.786	260.94	JP_2003_Hokkaido_05_NS	0.832	385.66	JP_2021_Fukushima_10_NS	0.498	105.68	JP_2021_Fukushima_10_NS	0.498	105.68	JP_2000_Tottori_01_EW	0.348	271.43
	3	JP_2011_Tohoku_16_NS	0.452	164.19	JP_2011_Tohoku_11_EW	0.684	270.71	JP_2004_23OCT_NS	2.224	500.31	JP_2003_Miyagi_03_EW	0.340	114.15	JP_2003_Miyagi_03_EW	0.340	114.15	JP_2011_Tohoku_28_EW	0.363	291.26
	4	JP_2021_Fukushima_10_EW	0.855	175.78	JP_2011_Tohoku_03_NS	0.643	272.42	JP_2004_Chuetzu_03_EW	1.032	403.53	JP_2021_Fukushima_10_EW	0.648	120.93	JP_2021_Fukushima_10_EW	0.648	120.93	JP_2011_Tohoku_52_EW	0.385	339.65
	5	TW_1999_ChiChi_02_360	0.495	176.36	JP_2011_Tohoku_53_NS	0.385	279.44	JP_2004_Chuetzu_07_NS	1.035	465.44	JP_2011_Tohoku_11_EW	0.423	121.85	JP_2011_Tohoku_11_EW	0.423	121.85	PE_2011_24AGO_01_NS	4.000	391.31
	6	US_1989_Loma Prieta_02_90	0.579	178.81	JP_2018_Hokkaido_03_EW	0.529	283.58	JP_2009_Shizuoca_03_EW	1.354	415.07	JP_2011_Fukushima_04_EW	0.558	128.99	JP_2011_Fukushima_04_EW	0.558	128.99	PE_2011_24AGO_02_EW	4.000	386.63
	7	JP_2011_Fukushima_04_EW	0.772	196.88	US_1991_SierraMadre_0	0.789	285.19	JP_2011_Miyagi_13_NS	2.178	1571.90	JP_2019_21FEB_NS	0.498	129.35	JP_2019_21FEB_NS	0.498	129.35	PE_2011_24AGO_03_EW	4.000	388.08
	8	CH_2010_Maule_02_Long	0.411	208.72	JP_2011_12APR_EW	0.886	287.17	JP_2011_Tohoku_15_EW	0.537	246.13	JP_2011_Tohoku_03_NS	0.400	133.00	JP_2011_Tohoku_03_NS	0.400	133.00	PE_2011_24AGO_04_EW	4.000	335.24
	9	JP_2003_Miyagi_03_EW	0.499	217.29	TW_1999_ChiChi_09_90	0.835	293.93	JP_2011_Tohoku_16_EW	0.673	303.47	US_1989_Loma Prieta_02_90	0.445	136.11	US_1989_Loma Prieta_02_90	0.445	136.11	PE_2011_24AGO_04_NS	4.000	323.15
	10	JP_2011_Tohoku_31_EW	0.662	217.54	JP_2011_Tohoku_16_EW	0.673	303.47	JP_2011_Tohoku_17_NS	0.658	315.75	JP_1997_Shizuoca_EW	0.430	137.17	JP_1997_Shizuoca_EW	0.430	137.17	PE_2011_24AGO_06_NS	4.000	388.52
	11	US_1992_Petrolia_02_360	0.576	226.27	JP_2018_Hokkaido_07_NS	0.250	303.94	JP_2011_Tohoku_21_EW	0.262	321.88	TW_1999_ChiChi_02_360	0.393	142.22	TW_1999_ChiChi_02_360	0.393	142.22	PE_2011_24AGO_07_EW	4.000	378.64
	12	JP_2016_Kumamoto_01_NS	0.376	239.25	JP_2021_Fukushima_07_NS	0.741	305.45	JP_2011_Tohoku_21_NS	0.383	335.35	US_1992_Petrolia_02_360	0.400	142.27	US_1992_Petrolia_02_360	0.400	142.27	PE_2011_24AGO_07_NS	4.000	377.36
	13	JP_2011_Tohoku_15_EW	0.537	246.13	US_1989_Loma Prieta_01_0	0.632	306.45	JP_2011_Tohoku_23_EW	0.899	369.59	CH_2010_Maule_02_Long	0.295	143.18	CH_2010_Maule_02_Long	0.295	143.18	PE_2015_24NOV_01_EW	4.000	412.41
	14	JP_2004_27OCT_02_EW	0.762	248.95	JP_2018_Hokkaido_04_EW	0.496	309.61	JP_2011_Tohoku_56_EW	0.430	432.64	JP_2018_Hokkaido_03_EW	0.325	147.85	JP_2018_Hokkaido_03_EW	0.325	147.85	PE_2015_24NOV_01_NS	4.000	412.59
	15	JP_2019_21FEB_NS	0.786	260.94	JP_2011_Tohoku_17_NS	0.658	315.75	JP_2011_Tohoku_58_EW	1.017	354.39	JP_2004_Chuetzu_03_EW	0.520	150.38	JP_2004_Chuetzu_03_EW	0.520	150.38	PE_2015_24NOV_02_EW	4.000	413.05
	16	JP_2011_Tohoku_11_EW	0.684	270.71	JP_2011_Tohoku_21_EW	0.262	321.88	JP_2018_Hokkaido_01_EW	1.349	905.55	JP_2011_12APR_EW	0.543	159.60	JP_2011_12APR_EW	0.543	159.60	PE_2015_24NOV_02_NS	4.000	413.17
	17	JP_2011_Tohoku_03_NS	0.643	272.42	JP_2011_Tohoku_21_NS	0.383	335.35	JP_2018_Hokkaido_04_EW	0.496	309.61	US_1991_SierraMadre_0	0.490	159.70	US_1991_SierraMadre_0	0.490	159.70	PE_2015_24NOV_03_EW	4.000	411.25
	18	JP_2011_Tohoku_53_NS	0.385	279.44	JP_2011_Tohoku_32_NS	0.886	362.19	JP_2018_Hokkaido_07_EW	0.366	382.69	JP_2004_27OCT_02_EW	0.505	160.22	JP_2004_27OCT_02_EW	0.505	160.22	PE_2015_24NOV_04_EW	4.000	396.45
	19	JP_2018_Hokkaido_03_EW	0.529	283.58	CH_2012_GO05_EW	2.360	365.61	JP_2018_Hokkaido_07_NS	0.250	303.94	JP_2011_Tohoku_56_EW	0.250	160.54	JP_2011_Tohoku_56_EW	0.250	160.54	PE_2015_24NOV_04_NS	4.000	394.21
	20	US_1991_SierraMadre_0	0.789	285.19	JP_2004_27OCT_02_NS	2.261	366.84	US_1992_Petrolia_02_360	0.576	226.27	JP_2011_Tohoku_31_EW	0.483	161.66	JP_2011_Tohoku_31_EW	0.483	161.66	PE_2015_24NOV_05_NS	4.000	410.98

REGISTROS SELECCIONADOS CASO Nmr T=0.40s - TSepu-tr-475																			
Caso:		TSepu-tr-475_NSp_Sbs			TSepu-tr-475_NSp_Sci			TSepu-tr-475_NSp_Ssr			TSepu-tr-475_NSr_Sbs			TSepu-tr-475_NSr_Sci			TSepu-tr-475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	PE_1974_03OCT_EW	1.911	62.92	PE_1974_03OCT_EW	1.911	62.92	CH_2010_Maule_06_Long	0.917	115.84	PE_1974_03OCT_EW	1.848	60.22	PE_1974_03OCT_EW	1.848	60.22	CH_2014_Iquique_02_NS	2.758	148.10
	2	PE_2005_25SET_02_EW	3.005	79.45	PE_2005_25SET_02_EW	3.005	79.45	JP_2000_Tottori_05_NS	0.413	144.87	JP_2004_Chuetsu_05_EW	0.460	61.51	JP_2004_Chuetsu_05_EW	0.460	61.51	JP_2000_Tottori_01_EW	0.648	116.99
	3	PE_2010_05MAY_01_EW	3.358	80.03	PE_2010_05MAY_01_EW	3.358	80.03	JP_2011_15MAR_NS	0.584	117.16	JP_2004_Chuetsu_07_EW	0.648	62.44	JP_2004_Chuetsu_07_EW	0.648	62.44	JP_2003_Hokkaido_03_NS	0.685	118.83
	4	TW_1999_ChiChi_10_90	0.477	81.95	TW_1999_ChiChi_10_90	0.477	81.95	JP_2011_Tohoku_11_NS	0.724	157.23	PE_2010_05MAY_01_EW	3.788	64.13	PE_2010_05MAY_01_EW	3.788	64.13	JP_2007_Noto_01_NS	0.438	160.70
	5	CH_2014_Iquique_02_EW	2.631	85.30	CH_2014_Iquique_02_EW	2.631	85.30	JP_2011_Tohoku_15_NS	0.431	211.39	JP_2003_Hokkaido_06_NS	0.880	72.91	JP_2003_Hokkaido_06_NS	0.880	72.91	JP_2009_Shizuoca_03_EW	1.061	131.22
	6	JP_2011_Tohoku_10_EW	0.468	86.81	JP_2011_Tohoku_10_EW	0.468	86.81	JP_2011_Tohoku_16_EW	0.404	212.21	JP_2011_Tohoku_55_EW	0.940	74.36	JP_2011_Tohoku_55_EW	0.940	74.36	JP_2011_15MAR_NS	0.535	113.34
	7	JP_2011_Tohoku_55_EW	0.828	88.28	JP_2011_Tohoku_55_EW	0.828	88.28	JP_2011_Tohoku_24_NS	0.555	216.75	CH_2016_GO07_NS	1.030	78.28	CH_2016_GO07_NS	1.030	78.28	JP_2011_Tohoku_08_EW	0.565	191.90
	8	JP_2011_Tohoku_44_NS	0.425	93.20	JP_2011_Tohoku_44_NS	0.425	93.20	JP_2011_Tohoku_26_EW	0.764	146.84	PE_2005_25SET_02_EW	3.061	78.69	PE_2005_25SET_02_EW	3.061	78.69	JP_2011_Tohoku_41_EW	0.438	182.36
	9	JP_2009_Shizuoca_02_EW	0.963	94.74	JP_2009_Shizuoca_02_EW	0.963	94.74	JP_2011_Tohoku_28_EW	1.046	216.18	JP_2011_Tohoku_50_NS	0.648	79.54	JP_2011_Tohoku_50_NS	0.648	79.54	JP_2011_Tohoku_41_NS	0.655	162.14
	10	JP_2011_Tohoku_55_NS	0.786	95.62	JP_2011_Tohoku_55_NS	0.786	95.62	JP_2011_Tohoku_35_EW	0.516	182.84	US_1994_Northridge_01_90	1.333	79.69	US_1994_Northridge_01_90	1.333	79.69	JP_2011_Tohoku_45_EW	0.610	120.29
	11	JP_2011_Tohoku_10_NS	0.595	95.75	JP_2011_Tohoku_10_NS	0.595	95.75	JP_2011_Tohoku_42_EW	0.471	174.65	CH_2010_Maule_04_Long	0.783	80.26	CH_2010_Maule_04_Long	0.783	80.26	JP_2011_Tohoku_56_EW	0.273	208.10
	12	JP_2003_Hokkaido_06_NS	0.760	96.97	JP_2003_Hokkaido_06_NS	0.760	96.97	JP_2011_Tohoku_54_EW	0.657	157.67	TW_1999_ChiChi_10_90	0.490	80.38	TW_1999_ChiChi_10_90	0.490	80.38	JP_2016_Kumamoto_04_NS	0.678	167.71

	13	PE_1974_09NOV_01_NS	3.643	99.32	PE_1974_09NOV_01_NS	3.643	99.32	JP_2011_Tohoku_56_EW	0.259	209.09	US_1989_Loma Prieta_06_0	0.963	80.87	US_1989_Loma Prieta_06_0	0.963	80.87	PE_1970_31MAY_NS	3.424	102.87
	14	US_1986_North Palm Springs_0	0.920	100.50	US_1986_North Palm Springs_0	0.920	100.50	JP_2016_Kumamoto_04_EW	0.381	237.88	JP_2004_Chuettsu_07_NS	0.798	83.74	JP_2004_Chuettsu_07_NS	0.798	83.74	PE_1974_09NOV_01_EW	2.485	125.21
	15	JP_2011_Miyagi_16_EW	0.896	100.61	JP_2011_Miyagi_16_EW	0.896	100.61	JP_2018_Hokkaido_03_EW	0.318	237.51	JP_2011_Tohoku_10_EW	0.438	84.16	JP_2011_Tohoku_10_EW	0.438	84.16	PE_2001_07JUL_02_EW	2.333	105.76
	16	PE_2001_07JUL_02_NS	2.710	102.92	PE_2001_07JUL_02_NS	2.710	102.92	JP_2018_Hokkaido_04_EW	0.298	202.28	JP_2011_Tohoku_10_NS	0.543	84.35	JP_2011_Tohoku_10_NS	0.543	84.35	PE_2012_14MAY_NS	4.000	170.22
	17	JP_2011_Tohoku_22_EW	0.888	106.74	JP_2011_Tohoku_22_EW	0.888	106.74	JP_2021_Fukushima_07_EW	0.766	193.62	CH_2014_Iquique_02_EW	2.606	85.15	CH_2014_Iquique_02_EW	2.606	85.15	PE_2015_24NOV_02_NS	4.000	537.28
	18	PE_2010_05MAY_01_NS	3.477	107.22	PE_2010_05MAY_01_NS	3.477	107.22	PE_1966_17OCT_EW	2.660	244.90	CH_2010_Maule_03_Trans	0.768	85.54	CH_2010_Maule_03_Trans	0.768	85.54	TW_1999_ChiChi_01_90	0.400	126.58
	19	JP_2004_Chuettsu_06_EW	0.395	107.57	JP_2004_Chuettsu_06_EW	0.395	107.57	TW_1999_ChiChi_08_36_0	0.730	131.91	JP_2011_Miyagi_17_NS	0.520	87.59	JP_2011_Miyagi_17_NS	0.520	87.59	US_1986_North Palm Springs_90	1.121	119.85
	20	JP_1997_Kagoshima_EW	0.759	107.97	JP_1997_Kagoshima_EW	0.759	107.97	US_1989_Loma Prieta_03_0	0.735	133.18	JP_2011_Miyagi_11_EW	0.445	89.86	JP_2011_Miyagi_11_EW	0.445	89.86	US_1992_Petrolia_Aftershock_03_360	1.273	187.99
MAP E	1	CH_2014_Iquique_02_EW	2.631	14.74	CH_2014_Iquique_02_EW	2.631	14.74	CH_2010_Maule_06_Long	0.917	21.18	PE_2010_05MAY_01_EW	3.879	12.24	PE_2010_05MAY_01_EW	3.879	12.24	CH_2010_Maule_06_Transv	0.760	23.98
	2	PE_1974_03OCT_EW	1.911	15.18	PE_1974_03OCT_EW	1.911	15.18	JP_2000_Tottori_05_NS	0.413	36.12	JP_2004_Chuettsu_07_EW	0.678	14.24	JP_2004_Chuettsu_07_EW	0.678	14.24	CH_2014_Iquique_02_NS	2.879	33.43
	3	PE_2010_05MAY_01_EW	3.358	16.73	PE_2010_05MAY_01_EW	3.358	16.73	JP_2011_15MAR_NS	0.584	25.68	JP_2011_Tohoku_55_EW	0.955	14.25	JP_2011_Tohoku_55_EW	0.955	14.25	JP_2003_Hokkaido_03_NS	0.685	24.12
	4	JP_2011_Tohoku_55_EW	0.828	18.00	JP_2011_Tohoku_55_EW	0.828	18.00	JP_2011_Tohoku_11_NS	0.724	33.85	CH_2014_Iquique_02_EW	2.667	14.72	CH_2014_Iquique_02_EW	2.667	14.72	JP_2003_Hokkaido_12_EW	0.963	31.50
	5	PE_2005_25SET_02_EW	3.005	18.07	PE_2005_25SET_02_EW	3.005	18.07	JP_2011_Tohoku_15_NS	0.431	39.45	PE_1974_03OCT_EW	1.879	15.09	PE_1974_03OCT_EW	1.879	15.09	JP_2004_Chuettsu_03_NS	0.640	39.77
	6	JP_2011_Tohoku_55_NS	0.786	18.20	JP_2011_Tohoku_55_NS	0.786	18.20	JP_2011_Tohoku_16_EW	0.404	43.74	JP_2003_Hokkaido_06_NS	0.888	15.66	JP_2003_Hokkaido_06_NS	0.888	15.66	JP_2007_Noto_01_NS	0.483	36.61
	7	TW_1999_ChiChi_10_90	0.477	18.34	TW_1999_ChiChi_10_90	0.477	18.34	JP_2011_Tohoku_24_NS	0.555	45.68	JP_2011_Tohoku_09_EW	0.715	15.70	JP_2011_Tohoku_09_EW	0.715	15.70	JP_2011_15MAR_NS	0.573	25.57
	8	JP_2011_Tohoku_10_NS	0.595	18.44	JP_2011_Tohoku_10_NS	0.595	18.44	JP_2011_Tohoku_26_EW	0.764	26.90	US_1989_Loma Prieta_06_0	0.858	16.05	US_1989_Loma Prieta_06_0	0.858	16.05	JP_2011_Tohoku_08_EW	0.573	40.04
	9	US_1986_North Palm Springs_0	0.920	19.10	US_1986_North Palm Springs_0	0.920	19.10	JP_2011_Tohoku_28_EW	1.046	38.27	JP_2011_Tohoku_19_EW	0.805	16.08	JP_2011_Tohoku_19_EW	0.805	16.08	JP_2011_Tohoku_35_EW	0.453	35.74
	10	JP_2009_Shizuoca_02_EW	0.963	19.23	JP_2009_Shizuoca_02_EW	0.963	19.23	JP_2011_Tohoku_35_EW	0.516	37.60	JP_2011_Tohoku_50_NS	0.655	16.15	JP_2011_Tohoku_50_NS	0.655	16.15	JP_2011_Tohoku_42_NS	0.543	43.03
	11	CH_2016_GO07_EW	1.339	19.65	CH_2016_GO07_EW	1.339	19.65	JP_2011_Tohoku_42_EW	0.471	39.92	JP_2011_Tohoku_55_NS	0.708	16.41	JP_2011_Tohoku_55_NS	0.708	16.41	JP_2011_Tohoku_56_EW	0.288	44.81
	12	JP_2011_Tohoku_10_EW	0.468	20.39	JP_2011_Tohoku_10_EW	0.468	20.39	JP_2011_Tohoku_54_EW	0.657	28.97	US_1994_Northridge_01_90	1.394	16.49	US_1994_Northridge_01_90	1.394	16.49	JP_2016_Kumamoto_04_NS	0.685	37.02
	13	JP_2011_Tohoku_38_NS	0.734	20.45	JP_2011_Tohoku_38_NS	0.734	20.45	JP_2011_Tohoku_56_EW	0.259	45.37	CH_2010_Maule_03_Trans	0.723	16.59	CH_2010_Maule_03_Trans	0.723	16.59	JP_2016_Kumamoto_05_EW	1.212	19.41
	14	JP_2003_Hokkaido_06_NS	0.760	20.63	JP_2003_Hokkaido_06_NS	0.760	20.63	JP_2016_Kumamoto_04_EW	0.381	50.10	JP_2004_Chuettsu_07_NS	0.865	16.65	JP_2004_Chuettsu_07_NS	0.865	16.65	JP_2016_Kumamoto_06_EW	0.730	24.67
	15	JP_2011_Tohoku_38_EW	0.658	21.03	JP_2011_Tohoku_38_EW	0.658	21.03	JP_2018_Hokkaido_03_EW	0.318	48.83	TW_1999_ChiChi_10_90	0.505	17.60	TW_1999_ChiChi_10_90	0.505	17.60	JP_2021_Fukushima_05_NS	0.970	37.30
	16	JP_2011_Tohoku_22_EW	0.888	21.17	JP_2011_Tohoku_22_EW	0.888	21.17	JP_2018_Hokkaido_04_EW	0.298	41.07	JP_2011_Tohoku_10_NS	0.550	17.62	JP_2011_Tohoku_10_NS	0.550	17.62	PE_1970_31MAY_NS	3.485	23.83
	17	CH_2010_Maule_06_Long	0.917	21.18	CH_2010_Maule_06_Long	0.917	21.18	JP_2021_Fukushima_07_EW	0.766	46.06	US_1986_North Palm Springs_0	0.993	17.72	US_1986_North Palm Springs_0	0.993	17.72	PE_2005_13JUN_06_NS	4.000	28.04
	18	JP_2003_Hokkaido_05_EW	1.081	21.27	JP_2003_Hokkaido_05_EW	1.081	21.27	PE_1966_17OCT_EW	2.660	43.17	CH_2016_GO07_NS	1.030	18.03	CH_2016_GO07_NS	1.030	18.03	PE_2012_14MAY_NS	4.000	35.13
	19	PE_2010_05MAY_02_EW	3.258	21.54	PE_2010_05MAY_02_EW	3.258	21.54	TW_1999_ChiChi_08_36_0	0.730	28.21	PE_2005_25SET_02_EW	2.970	18.04	PE_2005_25SET_02_EW	2.970	18.04	TW_1999_ChiChi_01_90	0.400	22.35
	20	JP_2004_Chuettsu_06_EW	0.395	21.59	JP_2004_Chuettsu_06_EW	0.395	21.59	US_1989_Loma Prieta_03_0	0.735	27.07	JP_2011_Tohoku_38_EW	0.805	18.26	JP_2011_Tohoku_38_EW	0.805	18.26	US_1992_Petrolia_Aftershock_03_360	1.303	41.10
MSE	1	PE_1974_03OCT_EW	1.911	6290.06	PE_1974_03OCT_EW	1.911	6290.06	CH_2010_Maule_06_Long	0.917	31478.61	PE_1974_03OCT_EW	1.818	5233.85	PE_1974_03OCT_EW	1.818	5233.85	JP_2000_Tottori_01_EW	0.625	18732.65
	2	TW_1999_ChiChi_10_90	0.477	9511.97	TW_1999_ChiChi_10_90	0.477	9511.97	JP_2000_Tottori_05_NS	0.413	26198.71	JP_2004_Chuettsu_05_EW	0.453	7198.03	JP_2004_Chuettsu_07_EW	0.633	7821.92	JP_2004_Chuettsu_03_NS	0.610	49709.74
	3	PE_2010_05MAY_01_EW	3.358	11393.93	PE_2010_05MAY_01_EW	3.358	11393.93	JP_2011_15MAR_NS	0.584	22258.65	JP_2004_Chuettsu_07_EW	0.633	7821.92	PE_2010_05MAY_01_EW	3.697	8540.94	JP_2007_Noto_01_NS	0.438	36178.82
	4	JP_2011_Tohoku_55_EW	0.828	11652.02	JP_2011_Tohoku_55_EW	0.828	11652.02	JP_2011_Tohoku_11_NS	0.724	39377.00	PE_2010_05MAY_01_EW	3.697	8540.94	TW_1999_ChiChi_10_90	0.468	9475.63	JP_2011_15MAR_NS	0.520	17884.16
	5	PE_2005_25SET_02_EW	3.005	11772.35	PE_2005_25SET_02_EW	3.005	11772.35	JP_2011_Tohoku_15_NS	0.431	77450.42	TW_1999_ChiChi_10_90	0.468	9475.63	JP_2003_Hokkaido_06_NS	0.850	9763.74	JP_2011_Tohoku_08_EW	0.520	53331.18
	6	JP_2011_Tohoku_44_NS	0.425	12294.16	JP_2011_Tohoku_44_NS	0.425	12294.16	JP_2011_Tohoku_16_EW	0.404	62405.62	JP_2003_Hokkaido_06_NS	0.850	9763.74	CH_2010_Maule_04_Long	0.775	9872.50	JP_2011_Tohoku_26_EW	0.618	29888.32
	7	JP_2011_Tohoku_10_EW	0.468	12898.04	JP_2011_Tohoku_10_EW	0.468	12898.04	JP_2011_Tohoku_24_NS	0.555	62104.34	CH_2010_Maule_04_Long	0.775	9872.50	JP_2004_Chuettsu_07_NS	0.790	10151.58	JP_2011_Tohoku_36_EW	0.468	41774.52
	8	JP_2003_Hokkaido_06_NS	0.760	13312.88	JP_2003_Hokkaido_06_NS	0.760	13312.88	JP_2011_Tohoku_26_EW	0.764	46715.37	JP_2004_Chuettsu_07_NS	0.790	10151.58	JP_2011_Tohoku_55_EW	0.880	10401.88	JP_2011_Tohoku_41_EW	0.468	38560.55
	9	PE_1974_09NOV_01_NS	3.643	13909.08	PE_1974_09NOV_01_NS	3.643	13909.08	JP_2011_Tohoku_28_EW	1.046	99989.10	JP_2011_Tohoku_55_EW	0.880	10401.88	US_1989_Loma Prieta_06_0	0.940	10573.79	JP_2011_Tohoku_41_NS	0.580	32869.68
	10	CH_2014_Iquique_02_EW	2.631	14827.09	CH_2014_Iquique_02_EW	2.631	14827.09	JP_2011_Tohoku_35_EW	0.516	69006.49	US_1989_Loma Prieta_06_0	0.940	10573.79	CH_2016_GO07_NS	1.000	10621.59	JP_2011_Tohoku_45_NS	0.423	50792.14
	11	JP_2011_Miyagi_16_EW	0.896	15496.50	JP_2011_Miyagi_16_EW	0.896	15496.50	JP_2011_Tohoku_42_EW	0.471	40476.16	CH_2016_GO07_NS	1.000	10621.59	JP_2011_Tohoku_10_NS	0.505	10903.22	JP_2016_Kumamoto_04_NS	0.640	38534.28

	12	US_2005_Anza_01_360	2.483	16169.16	US_2005_Anza_01_360	2.483	16169.16	JP_2011_Tohoku_54_EW	0.657	51315.64	JP_2011_Tohoku_10_NS	0.505	10903.22	US_1994_Northridge_01_90	1.333	11346.53	JP_2016_Kumamoto_05_EW	1.212	15458.09
	13	JP_1997_Kagoshima_EW	0.759	16501.13	JP_1997_Kagoshima_EW	0.759	16501.13	JP_2011_Tohoku_56_EW	0.259	59380.05	US_1994_Northridge_01_90	1.333	11346.53	CH_2010_Maule_03_Trans	0.760	11439.30	JP_2018_Hokkaido_01_NS	0.505	64219.71
	14	JP_2004_Chuetstu_05_NS	0.393	16640.04	PE_2001_07JUL_02_NS	2.710	16705.53	JP_2016_Kumamoto_04_EW	0.381	70580.94	CH_2010_Maule_03_Trans	0.760	11439.30	JP_2011_Tohoku_10_EW	0.438	11581.06	PE_1970_31MAY_NS	3.303	14573.45
	15	PE_2001_07JUL_02_NS	2.710	16705.53	PE_2010_05MAY_01_NS	3.477	17218.40	JP_2018_Hokkaido_03_EW	0.318	67672.21	JP_2011_Tohoku_10_EW	0.438	11581.06	PE_2005_25SET_02_EW	3.000	11770.36	PE_1974_09NOV_01_EW	2.424	20640.61
	16	PE_2010_05MAY_01_NS	3.477	17218.40	JP_2004_Chuetstu_06_EW	0.395	18301.56	JP_2018_Hokkaido_04_EW	0.298	59497.07	PE_2005_25SET_02_EW	3.000	11770.36	CH_2014_Iquique_02_EW	2.424	12102.82	PE_2005_13JUN_07_EW	4.000	49286.54
	17	JP_2004_Chuetstu_06_EW	0.395	18301.56	JP_2009_Shizuoca_02_EW	0.963	18413.38	JP_2021_Fukushima_07_EW	0.766	49956.34	CH_2014_Iquique_02_EW	2.424	12102.82	JP_2011_Tohoku_44_NS	0.430	12231.98	PE_2011_24AGO_04_EW	4.000	214513.20
	18	JP_2011_Tohoku_59_EW	0.921	18404.49	US_1994_Northridge_02_90	1.081	18722.15	PE_1966_17OCT_EW	2.660	123931.30	JP_2011_Tohoku_44_NS	0.430	12231.98	JP_2011_Miyagi_16_EW	0.813	12249.22	PE_2012_14MAY_NS	4.000	40289.70
	19	JP_2009_Shizuoca_02_EW	0.963	18413.38	JP_2003_Hokkaido_07_EW	0.892	19267.52	TW_1999_ChiChi_08_360	0.730	23972.37	JP_2011_Miyagi_16_EW	0.813	12249.22	TW_1999_ChiChi_08_90	0.603	12493.71	PE_2015_24NOV_02_NS	4.000	334896.33
	20	US_1994_Northridge_02_90	1.081	18722.15	US_1986_North Palm Springs_0	0.920	19379.50	US_1989_Loma Prieta_03_0	0.735	34632.15	TW_1999_ChiChi_08_90	0.603	12493.71	JP_2011_Tohoku_50_NS	0.648	12660.53	US_1992_Petrolia_Aftershock_03_360	1.091	50371.41
RMS E	1	PE_1974_03OCT_EW	1.911	79.31	PE_1974_03OCT_EW	1.911	79.31	CH_2010_Maule_06_Long	0.917	177.42	PE_1974_03OCT_EW	1.818	72.35	PE_1974_03OCT_EW	1.818	72.35	JP_2000_Tottori_01_EW	0.625	136.87
	2	TW_1999_ChiChi_10_90	0.477	97.53	TW_1999_ChiChi_10_90	0.477	97.53	JP_2000_Tottori_05_NS	0.413	161.86	JP_2004_Chuetstu_05_EW	0.453	84.84	JP_2004_Chuetstu_07_EW	0.633	88.44	JP_2004_Chuetstu_03_NS	0.610	222.96
	3	PE_2010_05MAY_01_EW	3.358	106.74	PE_2010_05MAY_01_EW	3.358	106.74	JP_2011_15MAR_NS	0.584	149.19	JP_2004_Chuetstu_07_EW	0.633	88.44	PE_2010_05MAY_01_EW	3.697	92.42	JP_2007_Noto_01_NS	0.438	190.21
	4	JP_2011_Tohoku_55_EW	0.828	107.94	JP_2011_Tohoku_55_EW	0.828	107.94	JP_2011_Tohoku_11_NS	0.724	198.44	PE_2010_05MAY_01_EW	3.697	92.42	TW_1999_ChiChi_10_90	0.468	97.34	JP_2011_15MAR_NS	0.520	133.73
	5	PE_2005_25SET_02_EW	3.005	108.50	PE_2005_25SET_02_EW	3.005	108.50	JP_2011_Tohoku_15_NS	0.431	278.30	TW_1999_ChiChi_10_90	0.468	97.34	JP_2003_Hokkaido_06_NS	0.850	98.81	JP_2011_Tohoku_08_EW	0.520	230.94
	6	JP_2011_Tohoku_44_NS	0.425	110.88	JP_2011_Tohoku_44_NS	0.425	110.88	JP_2011_Tohoku_16_EW	0.404	249.81	JP_2003_Hokkaido_06_NS	0.850	98.81	CH_2010_Maule_04_Long	0.775	99.36	JP_2011_Tohoku_26_EW	0.618	172.88
	7	JP_2011_Tohoku_10_EW	0.468	113.57	JP_2011_Tohoku_10_EW	0.468	113.57	JP_2011_Tohoku_24_NS	0.555	249.21	CH_2010_Maule_04_Long	0.775	99.36	JP_2004_Chuetstu_07_NS	0.790	100.76	JP_2011_Tohoku_36_EW	0.468	204.39
	8	JP_2003_Hokkaido_06_NS	0.760	115.38	JP_2003_Hokkaido_06_NS	0.760	115.38	JP_2011_Tohoku_26_EW	0.764	216.14	JP_2004_Chuetstu_07_NS	0.790	100.76	JP_2011_Tohoku_55_EW	0.880	101.99	JP_2011_Tohoku_41_EW	0.468	196.37
	9	PE_1974_09NOV_01_NS	3.643	117.94	PE_1974_09NOV_01_NS	3.643	117.94	JP_2011_Tohoku_28_EW	1.046	316.21	JP_2011_Tohoku_55_EW	0.880	101.99	US_1989_Loma Prieta_06_0	0.940	102.83	JP_2011_Tohoku_41_NS	0.580	181.30
	10	CH_2014_Iquique_02_EW	2.631	121.77	CH_2014_Iquique_02_EW	2.631	121.77	JP_2011_Tohoku_35_EW	0.516	262.69	US_1989_Loma Prieta_06_0	0.940	102.83	CH_2016_GO07_NS	1.000	103.06	JP_2011_Tohoku_45_NS	0.423	225.37
	11	JP_2011_Miyagi_16_EW	0.896	124.48	JP_2011_Miyagi_16_EW	0.896	124.48	JP_2011_Tohoku_42_EW	0.471	201.19	CH_2016_GO07_NS	1.000	103.06	JP_2011_Tohoku_10_NS	0.505	104.42	JP_2016_Kumamoto_04_NS	0.640	196.30
	12	US_2005_Anza_01_360	2.483	127.16	US_2005_Anza_01_360	2.483	127.16	JP_2011_Tohoku_54_EW	0.657	226.53	JP_2011_Tohoku_10_NS	0.505	104.42	US_1994_Northridge_01_90	1.333	106.52	JP_2016_Kumamoto_05_EW	1.212	124.33
	13	JP_1997_Kagoshima_EW	0.759	128.46	JP_1997_Kagoshima_EW	0.759	128.46	JP_2011_Tohoku_56_EW	0.259	243.68	US_1994_Northridge_01_90	1.333	106.52	CH_2010_Maule_03_Trans	0.760	106.95	JP_2018_Hokkaido_01_NS	0.505	253.42
	14	JP_2004_Chuetstu_05_NS	0.393	129.00	PE_2001_07JUL_02_NS	2.710	129.25	JP_2016_Kumamoto_04_EW	0.381	265.67	CH_2010_Maule_03_Trans	0.760	106.95	JP_2011_Tohoku_10_EW	0.438	107.62	PE_1970_31MAY_NS	3.303	120.72
	15	PE_2001_07JUL_02_NS	2.710	129.25	PE_2010_05MAY_01_NS	3.477	131.22	JP_2018_Hokkaido_03_EW	0.318	260.14	JP_2011_Tohoku_10_EW	0.438	107.62	PE_2005_25SET_02_EW	3.000	108.49	PE_1974_09NOV_01_EW	2.424	143.67
	16	PE_2010_05MAY_01_NS	3.477	131.22	JP_2004_Chuetstu_06_EW	0.395	135.28	JP_2018_Hokkaido_04_EW	0.298	243.92	PE_2005_25SET_02_EW	3.000	108.49	CH_2014_Iquique_02_EW	2.424	110.01	PE_2005_13JUN_07_EW	4.000	222.01
	17	JP_2004_Chuetstu_06_EW	0.395	135.28	JP_2009_Shizuoca_02_EW	0.963	135.70	JP_2021_Fukushima_07_EW	0.766	223.51	CH_2014_Iquique_02_EW	2.424	110.01	JP_2011_Tohoku_44_NS	0.430	110.60	PE_2011_24AGO_04_EW	4.000	463.16
	18	JP_2011_Tohoku_59_EW	0.921	135.66	US_1994_Northridge_02_90	1.081	136.83	PE_1966_17OCT_EW	2.660	352.04	JP_2011_Tohoku_44_NS	0.430	110.60	JP_2011_Miyagi_16_EW	0.813	110.68	PE_2012_14MAY_NS	4.000	200.72
	19	JP_2009_Shizuoca_02_EW	0.963	135.70	JP_2003_Hokkaido_07_EW	0.892	138.81	TW_1999_ChiChi_08_360	0.730	154.83	JP_2011_Miyagi_16_EW	0.813	110.68	TW_1999_ChiChi_08_90	0.603	111.78	PE_2015_24NOV_02_NS	4.000	578.70
	20	US_1994_Northridge_02_90	1.081	136.83	US_1986_North Palm Springs_0	0.920	139.21	US_1989_Loma Prieta_03_0	0.735	186.10	TW_1999_ChiChi_08_90	0.603	111.78	JP_2011_Tohoku_50_NS	0.648	112.52	US_1992_Petrolia_Aftershock_03_360	1.091	224.44
REGISTROS SELECCIONADOS CASO Nmr T=0.40s - TSepu-tr-975																			
Caso:		TSepu-tr-975_NSp_Sbs			TSepu-tr-975_NSp_Sci			TSepu-tr-975_NSp_Ssr			TSepu-tr-975_NSr_Sbs			TSepu-tr-975_NSr_Sci			TSepu-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	PE_1974_03OCT_EW	2.522	83.56	PE_1974_03OCT_EW	2.522	83.56	CH_2016_GO07_EW	1.767	149.34	PE_1974_03OCT_EW	2.333	71.49	PE_1974_03OCT_EW	2.333	71.49	CH_2010_Maule_04_Tra nsv	0.655	139.74
	2	JP_2011_Tohoku_55_EW	1.093	98.99	JP_2011_Tohoku_55_EW	1.093	98.99	JP_2000_Tottori_01_EW	1.044	215.85	JP_2004_Chuetstu_07_EW	0.820	74.57	JP_2004_Chuetstu_07_EW	0.820	74.57	JP_2000_Tottori_01_EW	0.820	147.75
	3	TW_1999_ChiChi_10_90	0.629	102.11	TW_1999_ChiChi_10_90	0.629	102.11	JP_2000_Tottori_05_NS	0.545	164.95	JP_2004_Chuetstu_05_EW	0.580	80.48	JP_2004_Chuetstu_05_EW	0.580	80.48	JP_2007_Noto_01_NS	0.558	206.61
	4	PE_2005_25SET_02_EW	3.966	105.60	PE_2005_25SET_02_EW	3.966	105.60	JP_2004_Chuetstu_03_EW	0.818	234.94	JP_2011_Tohoku_55_EW	1.212	89.79	JP_2011_Tohoku_55_EW	1.212	89.79	JP_2009_Shizuoca_03_EW	1.364	156.64

	5	CH_2014_Iquique_02_EW	3.47 2	111.66	CH_2014_Iquique_02_EW	3.47 2	111.66	JP_2004_Chuetstu_07_NS	0.82 0	157.68	CH_2010_Maule_04_Long	0.98 5	93.49	CH_2010_Maule_04_Long	0.98 5	93.49	JP_2011_15MAR_NS	0.65 5	141.50
	6	JP_2003_Hokkaido_06_NS	1.00 3	112.12	JP_2003_Hokkaido_06_NS	1.00 3	112.12	JP_2011_16AGO_02_EW	2.30 8	278.33	JP_2004_Chuetstu_07_NS	1.03 0	93.77	JP_2004_Chuetstu_07_NS	1.03 0	93.77	JP_2011_Fukushima_04_NS	0.53 5	331.10
	7	JP_2011_Tohoku_10_EW	0.61 8	116.16	JP_2011_Tohoku_10_EW	0.61 8	116.16	JP_2011_Fukushima_04_EW	0.61 2	335.63	JP_2003_Hokkaido_06_NS	1.12 1	95.90	JP_2003_Hokkaido_06_NS	1.12 1	95.90	JP_2011_Miyagi_16_EW	1.03 0	131.65
	8	US_1986_North Palm Springs_0	1.21 4	120.59	US_1986_North Palm Springs_0	1.21 4	120.59	JP_2011_Tohoku_05_EW	1.62 5	301.04	TW_1999_ChiChi_10_90	0.64 0	101.89	TW_1999_ChiChi_10_90	0.64 0	101.89	JP_2011_Miyagi_17_NS	0.65 5	108.94
	9	JP_2011_Tohoku_44_NS	0.56 1	120.62	JP_2011_Tohoku_44_NS	0.56 1	120.62	JP_2011_Tohoku_10_NS	0.78 5	139.56	PE_2005_25SET_02_EW	3.78 8	102.10	PE_2005_25SET_02_EW	3.78 8	102.10	JP_2011_Tohoku_15_NS	0.64 8	249.31
	10	JP_2009_Shizuoca_02_EW	1.27 1	125.93	JP_2009_Shizuoca_02_EW	1.27 1	125.93	JP_2011_Tohoku_15_EW	0.42 6	331.92	JP_2011_Tohoku_50_NS	0.80 5	103.24	JP_2011_Tohoku_50_NS	0.80 5	103.24	JP_2011_Tohoku_47_NS	1.24 2	306.13
	11	JP_2011_Tohoku_59_EW	1.21 5	130.00	JP_2011_Tohoku_55_NS	1.03 7	130.88	JP_2011_Tohoku_23_EW	0.71 3	226.13	US_1994_Northridge_01_90	1.69 7	103.92	US_1994_Northridge_01_90	1.69 7	103.92	JP_2011_Tohoku_48_NS	0.98 5	239.14
	12	JP_2011_Tohoku_55_NS	1.03 7	130.88	US_2005_Anza_01_360	3.27 6	132.35	JP_2011_Tohoku_40_NS	1.25 3	414.38	JP_2011_Tohoku_10_NS	0.66 3	104.28	JP_2011_Tohoku_10_NS	0.66 3	104.28	JP_2011_Tohoku_56_EW	0.35 5	253.20
	13	US_2005_Anza_01_360	3.27 6	132.35	JP_2004_Chuetstu_06_EW	0.52 1	132.52	JP_2018_Hokkaido_01_EW	1.07 0	242.19	JP_2011_Tohoku_10_EW	0.55 8	106.06	JP_2011_Tohoku_10_EW	0.55 8	106.06	JP_2016_Kumamoto_01_EW	0.67 0	149.84
	14	JP_2004_Chuetstu_06_EW	0.52 1	132.52	PE_2001_07JUL_02_NS	3.57 6	136.86	JP_2018_Hokkaido_04_EW	0.39 3	240.03	CH_2016_GO07_NS	1.27 3	106.13	CH_2016_GO07_NS	1.27 3	106.13	JP_2021_Fukushima_05_NS	1.24 2	250.30
	15	PE_2001_07JUL_02_NS	3.57 6	136.86	PE_2010_05MAY_02_NS	2.97 6	137.56	JP_2018_Hokkaido_07_EW	0.29 0	238.13	CH_2014_Iquique_02_EW	3.24 2	106.25	CH_2014_Iquique_02_EW	3.24 2	106.25	JP_2021_Fukushima_10_EW	1.12 1	210.89
	16	PE_2010_05MAY_02_NS	2.97 6	137.56	PE_2001_07JUL_02_EW	2.78 5	137.68	JP_2019_21FEB_EW	0.96 7	209.95	CH_2010_Maule_03_Trans	0.98 5	108.82	CH_2010_Maule_03_Trans	0.98 5	108.82	PE_1970_31MAY_NS	4.00 0	134.12
	17	PE_2001_07JUL_02_EW	2.78 5	137.68	JP_2011_Tohoku_22_EW	1.17 2	138.56	PE_2001_07JUL_02_EW	2.78 5	137.68	JP_2011_Miyagi_17_NS	0.65 5	108.94	JP_2011_Miyagi_17_NS	0.65 5	108.94	PE_1974_09NOV_01_NS	4.00 0	161.66
	18	JP_2011_Tohoku_22_EW	1.17 2	138.56	JP_1997_Kagoshima_EW	1.00 2	138.95	TW_1999_ChiChi_10_90	0.62 9	102.11	TW_1999_ChiChi_08_90	0.77 5	110.03	TW_1999_ChiChi_08_90	0.77 5	110.03	TW_1999_ChiChi_01_90	0.52 0	159.83
	19	JP_1997_Kagoshima_EW	1.00 2	138.95	JP_2003_Hokkaido_07_EW	1.17 7	139.10	US_1987_WhittierNarrows_01_270	1.64 1	191.67	JP_2011_Tohoku_32_NS	1.00 0	111.69	JP_2011_Tohoku_32_NS	1.00 0	111.69	TW_1999_ChiChi_08_36_0	1.12 1	119.11
	20	JP_2003_Hokkaido_07_EW	1.17 7	139.10	JP_2011_Tohoku_10_NS	0.78 5	139.56	US_1992_Petrolia_02_360	0.45 6	315.30	US_1989_Loma Prieta_06_0	1.18 2	114.77	US_1989_Loma Prieta_06_0	1.18 2	114.77	US_1994_Northridge_01_90	1.69 7	103.92
MAP E	1	CH_2014_Iquique_02_EW	3.47 2	14.65	CH_2014_Iquique_02_EW	3.47 2	14.65	CH_2016_GO07_EW	1.76 7	20.95	JP_2011_Tohoku_55_EW	1.21 2	13.06	JP_2011_Tohoku_55_EW	1.21 2	13.06	CH_2010_Maule_04_Tra nsv	0.66 3	23.91
	2	PE_1974_03OCT_EW	2.52 2	15.09	PE_1974_03OCT_EW	2.52 2	15.09	JP_2000_Tottori_01_EW	1.04 4	33.31	JP_2004_Chuetstu_07_EW	0.84 3	13.36	JP_2004_Chuetstu_07_EW	0.84 3	13.36	JP_2000_Tottori_01_EW	0.84 3	27.86
	3	JP_2011_Tohoku_55_EW	1.09 3	15.58	JP_2011_Tohoku_55_EW	1.09 3	15.58	JP_2000_Tottori_05_NS	0.54 5	33.71	PE_1974_03OCT_EW	2.39 4	14.27	PE_1974_03OCT_EW	2.39 4	14.27	JP_2009_Shizuoca_03_E W	1.45 5	29.16
	4	US_1986_North Palm Springs_0	1.21 4	17.68	US_1986_North Palm Springs_0	1.21 4	17.68	JP_2004_Chuetstu_03_EW	0.81 8	40.94	CH_2014_Iquique_02_EW	3.36 4	14.31	CH_2014_Iquique_02_EW	3.36 4	14.31	JP_2011_15MAR_NS	0.71 5	25.13
	5	TW_1999_ChiChi_10_90	0.62 9	17.78	TW_1999_ChiChi_10_90	0.62 9	17.78	JP_2004_Chuetstu_07_NS	0.82 0	26.07	JP_2004_Chuetstu_07_NS	1.06 1	15.16	JP_2004_Chuetstu_07_NS	1.06 1	15.16	JP_2011_Miyagi_16_EW	1.03 0	22.59
	6	JP_2003_Hokkaido_06_NS	1.00 3	18.49	JP_2003_Hokkaido_06_NS	1.00 3	18.49	JP_2011_16AGO_02_EW	2.30 8	40.68	JP_2003_Hokkaido_06_NS	1.12 1	15.94	JP_2003_Hokkaido_06_NS	1.12 1	15.94	JP_2011_Miyagi_17_NS	0.67 0	18.57
	7	PE_2005_25SET_02_EW	3.96 6	19.34	PE_2005_25SET_02_EW	3.96 6	19.34	JP_2011_Fukushima_04_EW	0.61 2	54.58	JP_2011_Tohoku_55_NS	0.90 3	16.36	JP_2011_Tohoku_55_NS	0.90 3	16.36	JP_2011_Tohoku_14_EW	0.51 3	41.19
	8	JP_2011_Tohoku_55_NS	1.03 7	19.95	JP_2011_Tohoku_55_NS	1.03 7	19.95	JP_2011_Tohoku_05_EW	1.62 5	40.08	JP_2011_Tohoku_09_EW	0.91 8	16.42	JP_2011_Tohoku_09_EW	0.91 8	16.42	JP_2011_Tohoku_15_NS	0.64 8	36.51
	9	JP_2011_Tohoku_38_EW	0.86 9	19.97	JP_2011_Tohoku_38_EW	0.86 9	19.97	JP_2011_Tohoku_10_NS	0.78 5	20.67	JP_2011_Tohoku_50_NS	0.80 5	16.61	JP_2011_Tohoku_50_NS	0.80 5	16.61	JP_2011_Tohoku_16_NS	0.58 0	42.11
	10	JP_2009_Shizuoca_02_EW	1.27 1	20.15	JP_2009_Shizuoca_02_EW	1.27 1	20.15	JP_2011_Tohoku_15_EW	0.42 6	47.62	JP_2011_Tohoku_19_EW	1.03 0	16.65	JP_2011_Tohoku_19_EW	1.03 0	16.65	JP_2011_Tohoku_45_EW	0.78 3	24.64
	11	JP_2003_Hokkaido_05_EW	1.42 6	20.65	JP_2003_Hokkaido_05_EW	1.42 6	20.65	JP_2011_Tohoku_23_EW	0.71 3	35.41	US_1989_Loma Prieta_06_0	1.06 1	16.74	US_1989_Loma Prieta_06_0	1.06 1	16.74	JP_2011_Tohoku_55_NS	0.90 3	16.36
	12	JP_2011_Tohoku_10_NS	0.78 5	20.67	JP_2011_Tohoku_10_NS	0.78 5	20.67	JP_2011_Tohoku_40_NS	1.25 3	53.08	US_1994_Northridge_01_90	1.72 7	16.79	US_1994_Northridge_01_90	1.72 7	16.79	JP_2011_Tohoku_56_EW	0.36 3	43.47
	13	JP_2011_Tohoku_10_EW	0.61 8	20.81	JP_2011_Tohoku_10_EW	0.61 8	20.81	JP_2018_Hokkaido_01_EW	1.07 0	37.40	CH_2010_Maule_03_Trans	0.91 8	16.90	CH_2010_Maule_03_Trans	0.91 8	16.90	JP_2021_Fukushima_05_NS	1.24 2	37.71
	14	CH_2016_GO07_EW	1.76 7	20.95	CH_2016_GO07_EW	1.76 7	20.95	JP_2018_Hokkaido_04_EW	0.39 3	38.64	TW_1999_ChiChi_10_90	0.65 5	17.39	TW_1999_ChiChi_10_90	0.65 5	17.39	JP_2021_Fukushima_10_EW	1.18 2	36.21
	15	JP_2011_Tohoku_38_NS	0.96 9	21.20	JP_2011_Tohoku_38_NS	0.96 9	21.20	JP_2018_Hokkaido_07_EW	0.29 0	41.52	US_1986_North Palm Springs_0	1.21 2	17.70	US_1986_North Palm Springs_0	1.21 2	17.70	PE_1970_31MAY_NS	4.00 0	25.19
	16	JP_2011_Tohoku_44_NS	0.56 1	21.56	JP_2011_Tohoku_44_NS	0.56 1	21.56	JP_2019_21FEB_EW	0.96 7	38.39	PE_2005_25SET_02_EW	3.69 7	17.78	PE_2005_25SET_02_EW	3.69 7	17.78	PE_1974_09NOV_01_NS	4.00 0	29.22
	17	JP_2011_Tohoku_59_EW	1.21 5	21.56	JP_2004_Chuetstu_06_EW	0.52 1	21.70	PE_2001_07JUL_02_EW	2.78 5	22.03	JP_2011_Tohoku_10_NS	0.67 8	17.85	JP_2011_Tohoku_10_NS	0.67 8	17.85	PE_2010_05MAY_01_NS	4.00 0	27.65
	18	JP_2004_Chuetstu_06_EW	0.52 1	21.70	JP_2011_Tohoku_22_EW	1.17 2	21.71	TW_1999_ChiChi_10_90	0.62 9	17.78	TW_1999_ChiChi_08_90	0.80 5	18.16	TW_1999_ChiChi_08_90	0.80 5	18.16	TW_1999_ChiChi_01_90	0.51 3	22.31
	19	JP_2011_Tohoku_22_EW	1.17 2	21.71	CH_2010_Maule_06_Long	1.21 0	21.73	US_1987_WhittierNarrows_01_270	1.64 1	28.65	JP_2011_Tohoku_32_NS	1.00 0	18.30	JP_2011_Tohoku_32_NS	1.00 0	18.30	US_1994_Northridge_01_90	1.72 7	16.79
	20	CH_2010_Maule_06_Long	1.21 0	21.73	PE_2001_07JUL_02_EW	2.78 5	22.03	US_1992_Petrolia_02_360	0.45 6	51.59	JP_2011_Miyagi_17_NS	0.67 0	18.57	JP_2011_Miyagi_17_NS	0.67 0	18.57	US_1994_Northridge_02_360	1.30 3	19.49
MSE	1	PE_1974_03OCT_EW	2.52 2	11933.9 3	PE_1974_03OCT_EW	2.52 2	11933.9 3	CH_2016_GO07_EW	1.76 7	54295.4 0	PE_1974_03OCT_EW	2.30 3	7156.08	PE_1974_03OCT_EW	2.30 3	7156.08	CH_2010_Maule_04_Tra nsv	0.64 0	32961.6 6
	2	TW_1999_ChiChi_10_90	0.62 9	16350.8 3	TW_1999_ChiChi_10_90	0.62 9	16350.8 3	JP_2000_Tottori_01_EW	1.04 4	77840.3 5	JP_2004_Chuetstu_07_EW	0.80 5	11824.4 6	JP_2004_Chuetstu_07_EW	0.80 5	11824.4 6	JP_2000_Tottori_01_EW	0.79 8	28987.9 9
	3	JP_2011_Tohoku_55_EW	1.09 3	16734.5 7	JP_2011_Tohoku_55_EW	1.09 3	16734.5 7	JP_2000_Tottori_05_NS	0.54 5	35606.3 7	JP_2004_Chuetstu_05_EW	0.58 0	12057.6 9	JP_2004_Chuetstu_05_EW	0.58 0	12057.6 9	JP_2003_Hokkaido_01_N S	0.78 3	95697.9 1

	4	JP_2011_Tohoku_44_NS	0.56 1	19743.0 0	JP_2011_Tohoku_44_NS	0.56 1	19743.0 0	JP_2004_Chuetstu_03_EW	0.81 8	73414.9 6	JP_2004_Chuetstu_07_NS	1.00 0	13692.6 1	JP_2004_Chuetstu_07_NS	1.00 0	13692.6 1	JP_2007_Noto_01_NS	0.55 8	58928.3 5
	5	PE_2005_25SET_02_EW	3.96 6	20034.1 6	PE_2005_25SET_02_EW	3.96 6	20034.1 6	JP_2004_Chuetstu_07_NS	0.82 0	32577.3 1	CH_2010_Maule_04_Long	0.99 3	13847.6 5	CH_2010_Maule_04_Long	0.99 3	13847.6 5	JP_2009_Shizuoca_03_E W	1.36 4	30065.1 2
	6	JP_2003_Hokkaido_06_NS	1.00 3	20038.4 6	JP_2003_Hokkaido_06_NS	1.00 3	20038.4 6	JP_2011_16AGO_02_EW	2.30 8	194566. 15	TW_1999_ChiChi_10_90	0.60 3	15052.3 3	TW_1999_ChiChi_10_90	0.60 3	15052.3 3	JP_2011_15MAR_NS	0.66 3	28667.8 7
	7	US_2005_Anza_01_360	3.27 6	24025.4 1	US_2005_Anza_01_360	3.27 6	24025.4 1	JP_2011_Fukushima_04_EW	0.61 2	142450. 60	JP_2011_Tohoku_55_EW	1.12 1	16323.2 6	JP_2011_Tohoku_55_EW	1.12 1	16323.2 6	JP_2011_Fukushima_04_ NS	0.61 8	132055. 30
	8	JP_2011_Tohoku_10_EW	0.61 8	25104.2 0	JP_2011_Tohoku_10_EW	0.61 8	25104.2 0	JP_2011_Tohoku_05_EW	1.62 5	267830. 92	JP_2003_Hokkaido_06_NS	1.09 1	17534.0 2	JP_2003_Hokkaido_06_NS	1.09 1	17534.0 2	JP_2011_Miyagi_16_EW	1.03 0	23143.5 1
	9	JP_2004_Chuetstu_06_EW	0.52 1	25491.2 2	JP_2004_Chuetstu_06_EW	0.52 1	25491.2 2	JP_2011_Tohoku_10_NS	0.78 5	44140.2 1	JP_2011_Tohoku_10_NS	0.64 0	18570.6 8	JP_2011_Tohoku_10_NS	0.64 0	18570.6 8	JP_2011_Tohoku_08_EW	0.66 3	83826.6 7
	10	PE_2010_05MAY_02_NS	2.97 6	26149.0 9	PE_2010_05MAY_02_NS	2.97 6	26149.0 9	JP_2011_Tohoku_15_EW	0.42 6	181301. 18	CH_2010_Maule_03_Trans	0.96 3	18762.0 0	CH_2010_Maule_03_Trans	0.96 3	18762.0 0	JP_2011_Tohoku_19_EW	0.79 0	68902.3 2
	11	JP_2011_Tohoku_59_EW	1.21 5	27098.2 7	CH_2014_Iquique_02_EW	3.47 2	27908.8 1	JP_2011_Tohoku_23_EW	0.71 3	74511.3 7	CH_2014_Iquique_02_EW	3.06 1	18855.9 8	CH_2014_Iquique_02_EW	3.06 1	18855.9 8	JP_2011_Tohoku_24_NS	1.03 0	45859.1 6
	12	CH_2014_Iquique_02_EW	3.47 2	27908.8 1	PE_2001_07JUL_02_NS	3.57 6	28435.4 6	JP_2011_Tohoku_40_NS	1.25 3	440477. 20	CH_2016_GO07_NS	1.27 3	19073.8 0	CH_2016_GO07_NS	1.27 3	19073.8 0	JP_2011_Tohoku_26_EW	0.79 0	46412.6 7
	13	PE_2001_07JUL_02_NS	3.57 6	28435.4 6	JP_2009_Shizuoca_02_EW	1.27 1	29950.3 7	JP_2018_Hokkaido_01_EW	1.07 0	134200. 01	PE_2005_25SET_02_EW	3.81 8	19207.7 8	PE_2005_25SET_02_EW	3.81 8	19207.7 8	JP_2011_Tohoku_35_EW	0.49 0	55205.5 8
	14	JP_2009_Shizuoca_02_EW	1.27 1	29950.3 7	CH_2010_Maule_04_Long	0.81 8	30309.5 8	JP_2018_Hokkaido_04_EW	0.39 3	87464.5 5	JP_2011_Tohoku_10_EW	0.55 8	19454.2 9	JP_2011_Tohoku_10_EW	0.55 8	19454.2 9	JP_2011_Tohoku_41_NS	0.73 8	53497.7 4
	15	CH_2010_Maule_04_Long	0.81 8	30309.5 8	JP_2003_Hokkaido_07_EW	1.17 7	30378.5 7	JP_2018_Hokkaido_07_EW	0.29 0	76667.5 0	JP_2011_Tohoku_44_NS	0.55 0	19495.4 1	JP_2011_Tohoku_44_NS	0.55 0	19495.4 1	JP_2018_Hokkaido_01_N S	0.64 0	106981. 23
	16	JP_2003_Hokkaido_07_EW	1.17 7	30378.5 7	PE_1970_31MAY_NS	3.70 6	30701.9 4	JP_2019_21FEB_EW	0.96 7	53388.0 2	TW_1999_ChiChi_08_90	0.76 8	19547.5 3	TW_1999_ChiChi_08_90	0.76 8	19547.5 3	JP_2021_Fukushima_05_ NS	1.18 2	104462. 88
	17	JP_2004_Chuetstu_05_NS	0.51 9	30486.4 4	JP_1997_Kagoshima_EW	1.00 2	30826.6 7	PE_2001_07JUL_02_EW	2.78 5	32157.2 2	US_1989_Loma Prieta 06 0	1.18 2	19691.3 2	US_1989_Loma Prieta 06 0	1.18 2	19691.3 2	JP_2021_Fukushima_10_ EW	1.12 1	70917.9 6
	18	PE_1970_31MAY_NS	3.70 6	30701.9 4	JP_2004_14DEC_EW	0.40 9	31325.5 8	TW_1999_ChiChi_10_90	0.62 9	16350.8 3	JP_2004_14DEC_EW	0.48 3	19978.3 1	JP_2004_14DEC_EW	0.48 3	19978.3 1	JP_2021_Miyagi_02_NS	0.42 3	175147. 24
	19	JP_1997_Kagoshima_EW	1.00 2	30826.6 7	TW_1999_ChiChi_08_360	0.96 4	31779.5 1	US_1987_WhittierNarrows_01 270	1.64 1	74901.1 3	US_1994_Northridge_01_90	1.69 7	20075.2 2	US_1994_Northridge_01_90	1.69 7	20075.2 2	PE_1970_31MAY_NS	4.00 0	24475.5 4
	20	JP_2004_14DEC_EW	0.40 9	31325.5 8	PE_2001_07JUL_02_EW	2.78 5	32157.2 2	US_1992_Petrolia_02_360	0.45 6	126669. 15	TW_1999_ChiChi_08_360	1.12 1	20110.7 0	TW_1999_ChiChi_08_360	1.12 1	20110.7 0	US_1994_Northridge_01_ 90	1.69 7	20075.2 2
RMS E	1	PE_1974_03OCT_EW	2.52 2	109.24	PE_1974_03OCT_EW	2.52 2	109.24	CH_2016_GO07_EW	1.76 7	233.01	PE_1974_03OCT_EW	2.30 3	84.59	PE_1974_03OCT_EW	2.30 3	84.59	CH_2010_Maule_04_Tra nsv	0.64 0	181.55
	2	TW_1999_ChiChi_10_90	0.62 9	127.87	TW_1999_ChiChi_10_90	0.62 9	127.87	JP_2000_Tottori_01_EW	1.04 4	279.00	JP_2004_Chuetstu_07_EW	0.80 5	108.74	JP_2004_Chuetstu_07_EW	0.80 5	108.74	JP_2000_Tottori_01_EW	0.79 8	170.26
	3	JP_2011_Tohoku_55_EW	1.09 3	129.36	JP_2011_Tohoku_55_EW	1.09 3	129.36	JP_2000_Tottori_05_NS	0.54 5	188.70	JP_2004_Chuetstu_05_EW	0.58 0	109.81	JP_2004_Chuetstu_05_EW	0.58 0	109.81	JP_2003_Hokkaido_01_N S	0.78 3	309.35
	4	JP_2011_Tohoku_44_NS	0.56 1	140.51	JP_2011_Tohoku_44_NS	0.56 1	140.51	JP_2004_Chuetstu_03_EW	0.81 8	270.95	JP_2004_Chuetstu_07_NS	1.00 0	117.02	JP_2004_Chuetstu_07_NS	1.00 0	117.02	JP_2007_Noto_01_NS	0.55 8	242.75
	5	PE_2005_25SET_02_EW	3.96 6	141.54	PE_2005_25SET_02_EW	3.96 6	141.54	JP_2004_Chuetstu_07_NS	0.82 0	180.49	CH_2010_Maule_04_Long	0.99 3	117.68	CH_2010_Maule_04_Long	0.99 3	117.68	JP_2009_Shizuoca_03_E W	1.36 4	173.39
	6	JP_2003_Hokkaido_06_NS	1.00 3	141.56	JP_2003_Hokkaido_06_NS	1.00 3	141.56	JP_2011_16AGO_02_EW	2.30 8	441.10	TW_1999_ChiChi_10_90	0.60 3	122.69	TW_1999_ChiChi_10_90	0.60 3	122.69	JP_2011_15MAR_NS	0.66 3	169.32
	7	US_2005_Anza_01_360	3.27 6	155.00	US_2005_Anza_01_360	3.27 6	155.00	JP_2011_Fukushima_04_EW	0.61 2	377.43	JP_2011_Tohoku_55_EW	1.12 1	127.76	JP_2011_Tohoku_55_EW	1.12 1	127.76	JP_2011_Fukushima_04_ NS	0.61 8	363.39
	8	JP_2011_Tohoku_10_EW	0.61 8	158.44	JP_2011_Tohoku_10_EW	0.61 8	158.44	JP_2011_Tohoku_05_EW	1.62 5	517.52	JP_2003_Hokkaido_06_NS	1.09 1	132.42	JP_2003_Hokkaido_06_NS	1.09 1	132.42	JP_2011_Miyagi_16_EW	1.03 0	152.13
	9	JP_2004_Chuetstu_06_EW	0.52 1	159.66	JP_2004_Chuetstu_06_EW	0.52 1	159.66	JP_2011_Tohoku_10_NS	0.78 5	210.10	JP_2011_Tohoku_10_NS	0.64 0	136.27	JP_2011_Tohoku_10_NS	0.64 0	136.27	JP_2011_Tohoku_08_EW	0.66 3	289.53
	10	PE_2010_05MAY_02_NS	2.97 6	161.71	PE_2010_05MAY_02_NS	2.97 6	161.71	JP_2011_Tohoku_15_EW	0.42 6	425.79	CH_2010_Maule_03_Trans	0.96 3	136.97	CH_2010_Maule_03_Trans	0.96 3	136.97	JP_2011_Tohoku_19_EW	0.79 0	262.49
	11	JP_2011_Tohoku_59_EW	1.21 5	164.62	CH_2014_Iquique_02_EW	3.47 2	167.06	JP_2011_Tohoku_23_EW	0.71 3	272.97	CH_2014_Iquique_02_EW	3.06 1	137.32	CH_2014_Iquique_02_EW	3.06 1	137.32	JP_2011_Tohoku_24_NS	1.03 0	214.15
	12	CH_2014_Iquique_02_EW	3.47 2	167.06	PE_2001_07JUL_02_NS	3.57 6	168.63	JP_2011_Tohoku_40_NS	1.25 3	663.68	CH_2016_GO07_NS	1.27 3	138.11	CH_2016_GO07_NS	1.27 3	138.11	JP_2011_Tohoku_26_EW	0.79 0	215.44
	13	PE_2001_07JUL_02_NS	3.57 6	168.63	JP_2009_Shizuoca_02_EW	1.27 1	173.06	JP_2018_Hokkaido_01_EW	1.07 0	366.33	PE_2005_25SET_02_EW	3.81 8	138.59	PE_2005_25SET_02_EW	3.81 8	138.59	JP_2011_Tohoku_35_EW	0.49 0	234.96
	14	JP_2009_Shizuoca_02_EW	1.27 1	173.06	CH_2010_Maule_04_Long	0.81 8	174.10	JP_2018_Hokkaido_04_EW	0.39 3	295.74	JP_2011_Tohoku_10_EW	0.55 8	139.48	JP_2011_Tohoku_10_EW	0.55 8	139.48	JP_2011_Tohoku_41_NS	0.73 8	231.30
	15	CH_2010_Maule_04_Long	0.81 8	174.10	JP_2003_Hokkaido_07_EW	1.17 7	174.29	JP_2018_Hokkaido_07_EW	0.29 0	276.89	JP_2011_Tohoku_44_NS	0.55 0	139.63	JP_2011_Tohoku_44_NS	0.55 0	139.63	JP_2018_Hokkaido_01_N S	0.64 0	327.08
	16	JP_2003_Hokkaido_07_EW	1.17 7	174.29	PE_1970_31MAY_NS	3.70 6	175.22	JP_2019_21FEB_EW	0.96 7	231.06	TW_1999_ChiChi_08_90	0.76 8	139.81	TW_1999_ChiChi_08_90	0.76 8	139.81	JP_2021_Fukushima_05_ NS	1.18 2	323.21
	17	JP_2004_Chuetstu_05_NS	0.51 9	174.60	JP_1997_Kagoshima_EW	1.00 2	175.58	PE_2001_07JUL_02_EW	2.78 5	179.32	US_1989_Loma Prieta 06 0	1.18 2	140.33	US_1989_Loma Prieta 06 0	1.18 2	140.33	JP_2021_Fukushima_10_ EW	1.12 1	266.30
	18	PE_1970_31MAY_NS	3.70 6	175.22	JP_2004_14DEC_EW	0.40 9	176.99	TW_1999_ChiChi_10_90	0.62 9	127.87	JP_2004_14DEC_EW	0.48 3	141.34	JP_2004_14DEC_EW	0.48 3	141.34	JP_2021_Miyagi_02_NS	0.42 3	418.51
	19	JP_1997_Kagoshima_EW	1.00 2	175.58	TW_1999_ChiChi_08_360	0.96 4	178.27	US_1987_WhittierNarrows_01 270	1.64 1	273.68	US_1994_Northridge_01_90	1.69 7	141.69	US_1994_Northridge_01_90	1.69 7	141.69	PE_1970_31MAY_NS	4.00 0	156.45
	20	JP_2004_14DEC_EW	0.40 9	176.99	PE_2001_07JUL_02_EW	2.78 5	179.32	US_1992_Petrolia_02_360	0.45 6	355.91	TW_1999_ChiChi_08_360	1.12 1	141.81	TW_1999_ChiChi_08_360	1.12 1	141.81	US_1994_Northridge_01_ 90	1.69 7	141.69

REGISTROS SELECCIONADOS CASO Nmr T=0.40s - TSepu-tr-2475																			
Caso:		TSepu-tr-2475_NSp_Sbs			TSepu-tr-2475_NSp_Sci			TSepu-tr-2475_NSp_Ssr			TSepu-tr-2475_NSr_Sbs			TSepu-tr-2475_NSr_Sci			TSepu-tr-2475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	PE_1974_03OCT_EW	3.180	101.49	PE_1974_03OCT_EW	3.180	101.49	CH_2014_Iquique_01_EW	1.004	219.67	PE_1974_03OCT_EW	3.030	92.80	PE_1974_03OCT_EW	3.030	92.80	CH_2010_Maule_04_Transv	0.828	186.08
	2	JP_2011_Tohoku_55_EW	1.378	141.49	JP_2011_Tohoku_55_EW	1.378	141.49	JP_2003_Hokkaido_05_NS	0.832	319.20	JP_2004_Chuetstu_05_EW	0.745	101.25	JP_2004_Chuetstu_05_EW	0.745	101.25	JP_2000_Tottori_01_EW	1.030	199.95
	3	TW_1999_ChiChi_10_90	0.794	142.24	TW_1999_ChiChi_10_90	0.794	142.24	JP_2004_23OCT_NS	2.224	236.40	JP_2004_Chuetstu_07_EW	1.061	104.47	JP_2004_Chuetstu_07_EW	1.061	104.47	JP_2003_Hokkaido_03_NS	1.091	189.73
	4	JP_2011_Tohoku_10_EW	0.779	144.14	JP_2011_Tohoku_10_EW	0.779	144.14	JP_2004_Chuetstu_03_EW	1.032	308.31	CH_2010_Maule_04_Lon g	1.273	126.78	CH_2010_Maule_04_Lon g	1.273	126.78	JP_2003_Hokkaido_07_NS	1.667	211.05
	5	JP_2009_Shizuoca_02_EW	1.603	153.62	JP_2009_Shizuoca_02_EW	1.603	153.62	JP_2004_Chuetstu_07_NS	1.035	214.36	JP_2011_Tohoku_55_EW	1.545	129.99	JP_2011_Tohoku_55_EW	1.545	129.99	JP_2003_Hokkaido_12_EW	1.485	273.66
	6	JP_2003_Hokkaido_06_NS	1.265	155.39	JP_2003_Hokkaido_06_NS	1.265	155.39	JP_2009_Shizuoca_03_EW	1.354	274.26	JP_2003_Hokkaido_06_NS	1.424	130.10	JP_2003_Hokkaido_06_NS	1.424	130.10	JP_2009_Shizuoca_03_EW	1.697	215.37
	7	JP_2011_Tohoku_44_NS	0.708	161.61	JP_2011_Tohoku_44_NS	0.708	161.61	JP_2011_Miyagi_13_NS	2.178	624.32	JP_2004_Chuetstu_07_NS	1.303	130.17	JP_2004_Chuetstu_07_NS	1.303	130.17	JP_2011_Tohoku_17_NS	0.903	195.38
	8	JP_2011_Tohoku_55_NS	1.308	163.23	JP_2011_Tohoku_55_NS	1.308	163.23	JP_2011_Tohoku_15_EW	0.537	433.61	CH_2016_GO07_NS	1.667	132.35	CH_2016_GO07_NS	1.667	132.35	JP_2011_Tohoku_19_NS	1.182	200.24
	9	US_1986_North Palm Springs_0	1.531	169.55	US_1986_North Palm Springs_0	1.531	169.55	JP_2011_Tohoku_16_EW	0.673	334.23	US_1994_Northridge_01_90	2.121	133.51	US_1994_Northridge_01_90	2.121	133.51	JP_2011_Tohoku_21_EW	0.340	334.29
	10	JP_2011_Tohoku_59_EW	1.532	173.26	JP_1997_Kagoshima_EW	1.264	173.92	JP_2011_Tohoku_17_NS	0.658	304.28	CH_2010_Maule_03_Trans	1.303	134.83	CH_2010_Maule_03_Trans	1.303	134.83	JP_2011_Tohoku_28_EW	1.212	201.33
	11	JP_1997_Kagoshima_EW	1.264	173.92	JP_2004_Chuetstu_06_EW	0.657	174.33	JP_2011_Tohoku_21_EW	0.262	363.55	JP_2011_Tohoku_10_EW	0.738	139.09	JP_2011_Tohoku_10_EW	0.738	139.09	JP_2011_Tohoku_45_EW	0.985	204.32
	12	JP_2004_Chuetstu_06_EW	0.657	174.33	JP_2011_Tohoku_10_NS	0.990	178.80	JP_2011_Tohoku_21_NS	0.383	318.74	TW_1999_ChiChi_10_90	0.820	139.66	TW_1999_ChiChi_10_90	0.820	139.66	JP_2011_Tohoku_56_EW	0.460	328.30
	13	JP_2011_Tohoku_10_NS	0.990	178.80	JP_2011_Tohoku_22_EW	1.478	180.46	JP_2011_Tohoku_23_EW	0.899	299.31	JP_2011_Miyagi_17_NS	0.865	141.69	JP_2011_Miyagi_17_NS	0.865	141.69	JP_2021_Fukushima_03_EW	1.121	289.17
	14	JP_2011_Tohoku_22_EW	1.478	180.46	CH_2016_GO07_EW	2.228	185.47	JP_2011_Tohoku_56_EW	0.430	332.59	TW_1999_ChiChi_08_90	0.978	142.95	TW_1999_ChiChi_08_90	0.978	142.95	JP_2021_Fukushima_06_EW	1.273	285.83
	15	JP_2016_Kumamoto_06_NS	1.205	184.44	JP_2004_Chuetstu_06_NS	0.668	185.91	JP_2011_Tohoku_58_EW	1.017	314.58	JP_2011_Tohoku_50_NS	1.030	143.26	JP_2011_Tohoku_50_NS	1.030	143.26	JP_2021_Fukushima_10_EW	1.455	279.82
	16	CH_2016_GO07_EW	2.228	185.47	PE_2010_05MAY_02_NS	3.753	188.46	JP_2018_Hokkaido_01_EW	1.349	313.30	US_1989_Loma Prieta_06_0	1.515	144.09	US_1989_Loma Prieta_06_0	1.515	144.09	PE_1974_09NOV_01_EW	3.939	214.58
	17	JP_2004_Chuetstu_06_NS	0.668	185.91	JP_2003_Hokkaido_07_EW	1.484	190.28	JP_2018_Hokkaido_04_EW	0.496	319.26	JP_2011_Miyagi_11_EW	0.715	144.37	JP_2011_Miyagi_11_EW	0.715	144.37	PE_1974_09NOV_01_NS	4.000	347.30
	18	PE_2010_05MAY_02_NS	3.753	188.46	JP_2011_Miyagi_16_EW	1.490	190.34	JP_2018_Hokkaido_07_EW	0.366	307.37	JP_2011_Tohoku_09_NS	1.333	145.95	JP_2011_Tohoku_09_NS	1.333	145.95	TW_1999_ChiChi_08_360	1.455	162.02
	19	JP_2003_Hokkaido_07_EW	1.484	190.28	JP_2011_Tohoku_09_NS	1.536	190.41	JP_2018_Hokkaido_07_NS	0.250	365.57	JP_2011_Tohoku_32_NS	1.333	146.73	JP_2011_Tohoku_32_NS	1.333	146.73	US_1994_Northridge_01_90	2.121	133.51
	20	JP_2011_Miyagi_16_EW	1.490	190.34	JP_2011_Tohoku_38_NS	1.222	190.62	US_1992_Petrolia_02_360	0.576	413.97	CH_2014_Iquique_02_EW	4.000	147.76	CH_2014_Iquique_02_EW	4.000	147.76	US_1994_Northridge_03_90	0.783	234.34
MAP E	1	PE_1974_03OCT_EW	3.180	14.75	PE_1974_03OCT_EW	3.180	14.75	CH_2014_Iquique_01_EW	1.004	31.27	JP_2011_Tohoku_55_EW	1.545	14.38	JP_2011_Tohoku_55_EW	1.545	14.38	JP_2000_Tottori_01_EW	1.061	29.15
	2	JP_2011_Tohoku_55_EW	1.378	17.10	JP_2011_Tohoku_55_EW	1.378	17.10	JP_2003_Hokkaido_05_NS	0.832	38.58	PE_1974_03OCT_EW	3.091	14.44	PE_1974_03OCT_EW	3.091	14.44	JP_2003_Hokkaido_12_EW	1.576	31.60
	3	JP_2011_Tohoku_55_NS	1.308	18.60	JP_2011_Tohoku_55_NS	1.308	18.60	JP_2004_23OCT_NS	2.224	31.25	JP_2004_Chuetstu_07_EW	1.091	14.62	JP_2004_Chuetstu_07_EW	1.091	14.62	JP_2011_Miyagi_06_EW	1.758	31.03
	4	TW_1999_ChiChi_10_90	0.794	19.42	TW_1999_ChiChi_10_90	0.794	19.42	JP_2004_Chuetstu_03_EW	1.032	41.82	JP_2011_Tohoku_55_NS	1.182	16.13	JP_2011_Tohoku_55_NS	1.182	16.13	JP_2011_Tohoku_16_NS	0.730	43.01
	5	US_1986_North Palm Springs_0	1.531	19.45	US_1986_North Palm Springs_0	1.531	19.45	JP_2004_Chuetstu_07_NS	1.035	27.75	JP_2004_Chuetstu_07_NS	1.364	16.17	JP_2004_Chuetstu_07_NS	1.364	16.17	JP_2011_Tohoku_19_NS	1.212	21.31
	6	JP_2009_Shizuoca_02_EW	1.603	19.58	JP_2009_Shizuoca_02_EW	1.603	19.58	JP_2009_Shizuoca_03_EW	1.354	39.12	US_1989_Loma Prieta_06_0	1.394	16.20	US_1989_Loma Prieta_06_0	1.394	16.20	JP_2011_Tohoku_21_EW	0.385	41.34
	7	JP_2003_Hokkaido_06_NS	1.265	19.93	JP_2003_Hokkaido_06_NS	1.265	19.93	JP_2011_Miyagi_13_NS	2.178	59.87	JP_2003_Hokkaido_06_NS	1.455	16.53	JP_2003_Hokkaido_06_NS	1.455	16.53	JP_2011_Tohoku_28_EW	1.212	23.18
	8	JP_2011_Tohoku_10_EW	0.779	20.52	JP_2011_Tohoku_10_EW	0.779	20.52	JP_2011_Tohoku_15_EW	0.537	48.93	JP_2011_Tohoku_09_EW	1.182	16.74	JP_2011_Tohoku_09_EW	1.182	16.74	JP_2011_Tohoku_28_NS	0.775	31.09
	9	JP_2011_Tohoku_38_EW	1.095	20.64	JP_2011_Tohoku_38_EW	1.095	20.64	JP_2011_Tohoku_16_EW	0.673	42.95	US_1994_Northridge_01_90	2.273	16.87	US_1994_Northridge_01_90	2.273	16.87	JP_2011_Tohoku_29_EW	0.873	45.74
	10	JP_2003_Hokkaido_05_EW	1.799	20.78	JP_2003_Hokkaido_05_EW	1.799	20.78	JP_2011_Tohoku_17_NS	0.658	36.55	CH_2010_Maule_03_Trans	1.242	16.90	CH_2010_Maule_03_Trans	1.242	16.90	JP_2011_Tohoku_32_EW	1.545	23.97
	11	CH_2016_GO07_EW	2.228	20.80	CH_2016_GO07_EW	2.228	20.80	JP_2011_Tohoku_21_EW	0.262	46.89	CH_2014_Iquique_02_EW	4.000	16.99	CH_2014_Iquique_02_EW	4.000	16.99	JP_2011_Tohoku_40_NS	1.000	43.63
	12	JP_2011_Tohoku_22_EW	1.478	20.86	JP_2011_Tohoku_22_EW	1.478	20.86	JP_2011_Tohoku_21_NS	0.383	40.08	JP_2011_Tohoku_09_NS	1.333	17.13	JP_2011_Tohoku_09_NS	1.333	17.13	JP_2011_Tohoku_45_EW	1.000	25.55
	13	JP_2011_Tohoku_10_NS	0.990	20.93	JP_2011_Tohoku_10_NS	0.990	20.93	JP_2011_Tohoku_23_EW	0.899	36.83	JP_2011_Tohoku_19_EW	1.333	17.34	JP_2011_Tohoku_19_EW	1.333	17.34	JP_2011_Tohoku_56_EW	0.483	43.66
	14	JP_2011_Tohoku_59_EW	1.532	21.51	JP_2011_Tohoku_38_NS	1.222	21.63	JP_2011_Tohoku_56_EW	0.430	44.75	JP_2011_Tohoku_50_NS	1.030	17.57	JP_2011_Tohoku_50_NS	1.030	17.57	JP_2021_Fukushima_05_NS	1.545	37.85
	15	JP_2011_Tohoku_38_NS	1.222	21.63	JP_2004_Chuetstu_06_EW	0.657	22.08	JP_2011_Tohoku_58_EW	1.017	41.21	JP_2011_Tohoku_32_NS	1.333	18.40	JP_2011_Tohoku_32_NS	1.333	18.40	JP_2021_Fukushima_06_EW	1.424	34.01

	16	JP_2004_Chuet	0.657	22.08	JP_2011_Tohoku_44_NS	0.708	22.60	JP_2018_Hokkaido_01_EW	1.349	37.97	TW_1999_ChiChi_08_90	1.030	18.57	TW_1999_ChiChi_08_90	1.030	18.57	PE_1974_09NOV_01_EW	4.000	27.64
	17	JP_2011_Tohoku_44_NS	0.708	22.60	JP_2011_Tohoku_01_NS	0.749	22.82	JP_2018_Hokkaido_04_EW	0.496	40.17	TW_1999_ChiChi_10_90	0.828	18.74	TW_1999_ChiChi_10_90	0.828	18.74	PE_1974_09NOV_01_NS	4.000	44.35
	18	JP_2011_Tohoku_01_NS	0.749	22.82	CH_2010_Maule_06_Long	1.526	22.92	JP_2018_Hokkaido_07_EW	0.366	41.83	CH_2016_GO07_NS	1.667	18.75	CH_2016_GO07_NS	1.667	18.75	PE_2001_07JUL_02_EW	4.000	20.30
	19	CH_2010_Maule_06_Long	1.526	22.92	TW_1999_ChiChi_01_90	0.712	23.24	JP_2018_Hokkaido_07_NS	0.250	47.39	JP_2016_Kumamoto_05_EW	2.000	18.85	JP_2016_Kumamoto_05_EW	2.000	18.85	TW_1999_ChiChi_08_360	1.545	20.96
	20	TW_1999_ChiChi_01_90	0.712	23.24	JP_2003_Hokkaido_11_NS	1.062	23.35	US_1992_Petrolia_02_360	0.576	52.62	JP_2011_Miyagi_17_NS	0.873	18.88	JP_2011_Miyagi_17_NS	0.873	18.88	US_1994_Northridge_03_90	0.805	25.18
MSE	1	PE_1974_03OCT_EW	3.180	18128.05	PE_1974_03OCT_EW	3.180	18128.05	CH_2014_Iquique_01_EW	1.004	64295.20	PE_1974_03OCT_EW	2.939	12628.58	PE_1974_03OCT_EW	2.939	12628.58	CH_2010_Maule_04_Transv	0.813	58116.27
	2	TW_1999_ChiChi_10_90	0.794	29469.13	TW_1999_ChiChi_10_90	0.794	29469.13	JP_2003_Hokkaido_05_NS	0.832	142787.69	JP_2004_Chuet	0.738	18528.07	JP_2004_Chuet	0.738	18528.07	JP_2003_Hokkaido_07_NS	1.576	67839.20
	3	JP_2011_Tohoku_55_EW	1.378	33577.81	JP_2011_Tohoku_55_EW	1.378	33577.81	JP_2004_23OCT_NS	2.224	79707.96	JP_2004_Chuet	1.030	20304.45	JP_2004_Chuet	1.030	20304.45	JP_2003_Hokkaido_12_EW	1.394	104179.11
	4	JP_2011_Tohoku_44_NS	0.708	34576.78	JP_2011_Tohoku_44_NS	0.708	34576.78	JP_2004_Chuet	1.032	123547.02	CH_2010_Maule_04_Long	1.273	25064.89	CH_2010_Maule_04_Long	1.273	25064.89	JP_2011_Miyagi_06_EW	1.333	136321.40
	5	JP_2003_Hokkaido_06_NS	1.265	37056.60	JP_2003_Hokkaido_06_NS	1.265	37056.60	JP_2004_Chuet	1.035	59733.45	JP_2004_Chuet	1.303	25453.06	JP_2004_Chuet	1.303	25453.06	JP_2011_Tohoku_08_EW	0.843	145968.22
	6	JP_2011_Tohoku_10_EW	0.779	40643.81	JP_2011_Tohoku_10_EW	0.779	40643.81	JP_2009_Shizuoca_03_EW	1.354	94653.33	TW_1999_ChiChi_10_90	0.768	28300.08	TW_1999_ChiChi_10_90	0.768	28300.08	JP_2011_Tohoku_14_EW	0.520	139871.11
	7	JP_2004_Chuet	0.657	43814.68	JP_2004_Chuet	0.657	43814.68	JP_2011_Miyagi_13_NS	2.178	1004168.38	CH_2010_Maule_03_Trans	1.242	29329.75	CH_2010_Maule_03_Trans	1.242	29329.75	JP_2011_Tohoku_19_EW	1.000	117350.56
	8	JP_2009_Shizuoca_02_EW	1.603	44079.97	JP_2009_Shizuoca_02_EW	1.603	44079.97	JP_2011_Tohoku_15_EW	0.537	297042.48	CH_2016_GO07_NS	1.636	29640.54	CH_2016_GO07_NS	1.636	29640.54	JP_2011_Tohoku_19_NS	1.061	97826.05
	9	JP_1997_Kagoshima_EW	1.264	47808.04	JP_1997_Kagoshima_EW	1.264	47808.04	JP_2011_Tohoku_16_EW	0.673	151796.64	US_1989_Loma Prieta_06_0	1.515	30714.92	US_1989_Loma Prieta_06_0	1.515	30714.92	JP_2011_Tohoku_21_EW	0.325	152758.84
	10	JP_2011_Tohoku_59_EW	1.532	47890.25	PE_2010_05MAY_02_NS	3.753	49009.81	JP_2011_Tohoku_17_NS	0.658	139151.35	JP_2003_Hokkaido_06_NS	1.364	31384.20	JP_2003_Hokkaido_06_NS	1.364	31384.20	JP_2011_Tohoku_26_EW	1.000	84830.41
	11	PE_2010_05MAY_02_NS	3.753	49009.81	CH_2010_Maule_04_Long	1.032	55293.04	JP_2011_Tohoku_21_EW	0.262	179770.71	US_1994_Northridge_01_90	2.152	32059.20	US_1994_Northridge_01_90	2.152	32059.20	JP_2011_Tohoku_28_EW	1.121	59208.92
	12	JP_2004_Chuet	0.655	51762.56	US_1994_Northridge_02_90	1.799	55443.58	JP_2011_Tohoku_21_NS	0.383	160020.06	JP_2011_Tohoku_55_EW	1.424	32316.18	JP_2011_Tohoku_55_EW	1.424	32316.18	JP_2011_Tohoku_41_NS	0.940	96882.07
	13	CH_2010_Maule_04_Long	1.032	55293.04	JP_2011_Miyagi_16_EW	1.490	55534.68	JP_2011_Tohoku_23_EW	0.899	127526.62	TW_1999_ChiChi_08_90	0.985	32489.08	TW_1999_ChiChi_08_90	0.985	32489.08	JP_2011_Tohoku_54_NS	0.843	116389.40
	14	US_1994_Northridge_02_90	1.799	55443.58	JP_2003_Hokkaido_07_EW	1.484	55979.66	JP_2011_Tohoku_56_EW	0.430	148660.51	CH_2014_Iquique_02_EW	3.909	33251.69	CH_2014_Iquique_02_EW	3.909	33251.69	JP_2021_Fukushima_03_EW	0.993	137186.38
	15	JP_2011_Miyagi_16_EW	1.490	55534.68	JP_2011_Tohoku_38_EW	1.095	57321.13	JP_2011_Tohoku_58_EW	1.017	123136.32	JP_2011_Tohoku_10_EW	0.715	33817.96	JP_2011_Tohoku_10_EW	0.715	33817.96	JP_2021_Fukushima_04_NS	1.030	143815.47
	16	JP_2003_Hokkaido_07_EW	1.484	55979.66	PE_2001_07JUL_02_EW	3.512	57377.89	JP_2018_Hokkaido_01_EW	1.349	217749.08	JP_2011_Tohoku_44_NS	0.700	34516.82	JP_2011_Tohoku_44_NS	0.700	34516.82	PE_1974_09NOV_01_NS	4.000	139394.64
	17	JP_2011_Tohoku_38_EW	1.095	57321.13	JP_2011_Tohoku_01_NS	0.749	57470.87	JP_2018_Hokkaido_04_EW	0.496	146246.97	JP_2011_Tohoku_32_NS	1.212	34897.58	JP_2011_Tohoku_32_NS	1.212	34897.58	PE_2010_05MAY_01_NS	4.000	121458.10
	18	PE_2001_07JUL_02_EW	3.512	57377.89	JP_2004_14DEC_EW	0.516	58349.89	JP_2018_Hokkaido_07_EW	0.366	127381.27	JP_2011_Tohoku_10_NS	0.820	34903.85	JP_2011_Tohoku_10_NS	0.820	34903.85	TW_1999_ChiChi_08_360	1.455	37039.94
	19	JP_2011_Tohoku_01_NS	0.749	57470.87	JP_2011_Tohoku_38_NS	1.222	58477.81	JP_2018_Hokkaido_07_NS	0.250	174235.48	JP_2011_Miyagi_11_EW	0.738	35733.07	JP_2011_Miyagi_11_EW	0.738	35733.07	US_1992_Petrolia_Aftershock_03_360	1.758	139857.32
	20	JP_2004_14DEC_EW	0.516	58349.89	TW_1999_ChiChi_08_360	1.215	58794.03	US_1992_Petrolia_02_360	0.576	213119.43	TW_1999_ChiChi_08_360	1.455	37039.94	TW_1999_ChiChi_08_360	1.455	37039.94	US_1994_Northridge_03_90	0.753	83795.59
RMS E	1	PE_1974_03OCT_EW	3.180	134.64	PE_1974_03OCT_EW	3.180	134.64	CH_2014_Iquique_01_EW	1.004	253.56	PE_1974_03OCT_EW	2.939	112.38	PE_1974_03OCT_EW	2.939	112.38	CH_2010_Maule_04_Transv	0.813	241.07
	2	TW_1999_ChiChi_10_90	0.794	171.67	TW_1999_ChiChi_10_90	0.794	171.67	JP_2003_Hokkaido_05_NS	0.832	377.87	JP_2004_Chuet	0.738	136.12	JP_2004_Chuet	0.738	136.12	JP_2003_Hokkaido_07_NS	1.576	260.46
	3	JP_2011_Tohoku_55_EW	1.378	183.24	JP_2011_Tohoku_55_EW	1.378	183.24	JP_2004_23OCT_NS	2.224	282.33	JP_2004_Chuet	1.030	142.49	JP_2004_Chuet	1.030	142.49	JP_2003_Hokkaido_12_EW	1.394	322.77
	4	JP_2011_Tohoku_44_NS	0.708	185.95	JP_2011_Tohoku_44_NS	0.708	185.95	JP_2004_Chuet	1.032	351.49	CH_2010_Maule_04_Long	1.273	158.32	CH_2010_Maule_04_Long	1.273	158.32	JP_2011_Miyagi_06_EW	1.333	369.22
	5	JP_2003_Hokkaido_06_NS	1.265	192.50	JP_2003_Hokkaido_06_NS	1.265	192.50	JP_2004_Chuet	1.035	244.40	JP_2004_Chuet	1.303	159.54	JP_2004_Chuet	1.303	159.54	JP_2011_Tohoku_08_EW	0.843	382.06
	6	JP_2011_Tohoku_10_EW	0.779	201.60	JP_2011_Tohoku_10_EW	0.779	201.60	JP_2009_Shizuoca_03_EW	1.354	307.66	TW_1999_ChiChi_10_90	0.768	168.23	TW_1999_ChiChi_10_90	0.768	168.23	JP_2011_Tohoku_14_EW	0.520	373.99
	7	JP_2004_Chuet	0.657	209.32	JP_2004_Chuet	0.657	209.32	JP_2011_Miyagi_13_NS	2.178	1002.08	CH_2010_Maule_03_Trans	1.242	171.26	CH_2010_Maule_03_Trans	1.242	171.26	JP_2011_Tohoku_19_EW	1.000	342.56
	8	JP_2009_Shizuoca_02_EW	1.603	209.95	JP_2009_Shizuoca_02_EW	1.603	209.95	JP_2011_Tohoku_15_EW	0.537	545.02	CH_2016_GO07_NS	1.636	172.16	CH_2016_GO07_NS	1.636	172.16	JP_2011_Tohoku_19_NS	1.061	312.77
	9	JP_1997_Kagoshima_EW	1.264	218.65	JP_1997_Kagoshima_EW	1.264	218.65	JP_2011_Tohoku_16_EW	0.673	389.61	US_1989_Loma Prieta_06_0	1.515	175.26	US_1989_Loma Prieta_06_0	1.515	175.26	JP_2011_Tohoku_21_EW	0.325	390.84
	10	JP_2011_Tohoku_59_EW	1.532	218.84	PE_2010_05MAY_02_NS	3.753	221.38	JP_2011_Tohoku_17_NS	0.658	373.03	JP_2003_Hokkaido_06_NS	1.364	177.16	JP_2003_Hokkaido_06_NS	1.364	177.16	JP_2011_Tohoku_26_EW	1.000	291.26
	11	PE_2010_05MAY_02_NS	3.753	221.38	CH_2010_Maule_04_Long	1.032	235.14	JP_2011_Tohoku_21_EW	0.262	423.99	US_1994_Northridge_01_90	2.152	179.05	US_1994_Northridge_01_90	2.152	179.05	JP_2011_Tohoku_28_EW	1.121	243.33
	12	JP_2004_Chuet	0.655	227.51	US_1994_Northridge_02_90	1.799	235.46	JP_2011_Tohoku_21_NS	0.383	400.03	JP_2011_Tohoku_55_EW	1.424	179.77	JP_2011_Tohoku_55_EW	1.424	179.77	JP_2011_Tohoku_41_NS	0.940	311.26
	13	CH_2010_Maule_04_Long	1.032	235.14	JP_2011_Miyagi_16_EW	1.490	235.66	JP_2011_Tohoku_23_EW	0.899	357.11	TW_1999_ChiChi_08_90	0.985	180.25	TW_1999_ChiChi_08_90	0.985	180.25	JP_2011_Tohoku_54_NS	0.843	341.16
	14	US_1994_Northridge_02_90	1.799	235.46	JP_2003_Hokkaido_07_EW	1.484	236.60	JP_2011_Tohoku_56_EW	0.430	385.57	CH_2014_Iquique_02_EW	3.909	182.35	CH_2014_Iquique_02_EW	3.909	182.35	JP_2021_Fukushima_03_EW	0.993	370.39

	15	JP_2011_Miyagi_16_EW	1.490	235.66	JP_2011_Tohoku_38_EW	1.095	239.42	JP_2011_Tohoku_58_EW	1.017	350.91	JP_2011_Tohoku_10_EW	0.715	183.90	JP_2011_Tohoku_10_EW	0.715	183.90	JP_2021_Fukushima_04_NS	1.030	379.23
	16	JP_2003_Hokkaido_07_EW	1.484	236.60	PE_2001_07JUL_02_EW	3.512	239.54	JP_2018_Hokkaido_01_EW	1.349	466.64	JP_2011_Tohoku_44_NS	0.700	185.79	JP_2011_Tohoku_44_NS	0.700	185.79	PE_1974_09NOV_01_NS	4.000	373.36
	17	JP_2011_Tohoku_38_EW	1.095	239.42	JP_2011_Tohoku_01_NS	0.749	239.73	JP_2018_Hokkaido_04_EW	0.496	382.42	JP_2011_Tohoku_32_NS	1.212	186.81	JP_2011_Tohoku_32_NS	1.212	186.81	PE_2010_05MAY_01_NS	4.000	348.51
	18	PE_2001_07JUL_02_EW	3.512	239.54	JP_2004_14DEC_EW	0.516	241.56	JP_2018_Hokkaido_07_EW	0.366	356.91	JP_2011_Tohoku_10_NS	0.820	186.83	JP_2011_Tohoku_10_NS	0.820	186.83	TW_1999_ChiChi_08_360	1.455	192.46
	19	JP_2011_Tohoku_01_NS	0.749	239.73	JP_2011_Tohoku_38_NS	1.222	241.82	JP_2018_Hokkaido_07_NS	0.250	417.42	JP_2011_Miyagi_11_EW	0.738	189.03	JP_2011_Miyagi_11_EW	0.738	189.03	US_1992_Petrolia_Aftershock_360	1.758	373.98
	20	JP_2004_14DEC_EW	0.516	241.56	TW_1999_ChiChi_08_360	1.215	242.47	US_1992_Petrolia_02_360	0.576	461.65	TW_1999_ChiChi_08_360	1.455	192.46	TW_1999_ChiChi_08_360	1.455	192.46	US_1994_Northridge_03_90	0.753	289.47

REGISTROS SELECCIONADOS CASO Ymr-I T=0.08s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetsu_07_NS	1.216	67.34	JP_2004_Chuetsu_07_NS	1.216	67.34	CH_2014_Iquique_02_EW	3.274	87.45	JP_2004_Chuetsu_07_NS	1.182	66.20	JP_2004_Chuetsu_07_NS	1.182	66.20	CH_2012_GO05_EW	3.000	126.01
	2	JP_2004_Chuetsu_07_EW	0.923	74.39	JP_2004_Chuetsu_07_EW	0.923	74.39	JP_2003_Miyagi_07_EW	0.644	354.51	JP_2004_Chuetsu_07_EW	0.925	74.45	JP_2004_Chuetsu_07_EW	0.925	74.45	JP_2000_Tottori_01_NS	0.783	217.12
	3	CH_2014_Iquique_02_EW	3.274	87.45	JP_2016_Kumamoto_05_EW	1.836	113.40	JP_2004_27OCT_01_EW	1.936	221.63	CH_2014_Iquique_02_EW	3.455	86.22	CH_2014_Iquique_02_EW	3.455	86.22	JP_2003_Miyagi_07_EW	0.708	348.85
	4	JP_2016_Kumamoto_05_EW	1.836	113.40	US_1994_Northridge_01_90	2.100	120.08	JP_2004_Chuetsu_04_EW	0.818	281.66	TW_1999_ChiChi_10_90	0.745	106.42	TW_1999_ChiChi_10_90	0.745	106.42	JP_2003_Miyagi_07_NS	0.445	398.61
	5	US_1994_Northridge_01_90	2.100	120.08	CH_2012_GO05_EW	2.892	127.41	JP_2004_Chuetsu_06_NS	0.873	273.39	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2004_27OCT_03_EW	1.545	207.41
	6	CH_2012_GO05_EW	2.892	127.41	JP_2004_14DEC_EW	0.571	128.25	JP_2004_Chuetsu_07_NS	1.216	67.34	TW_1999_ChiChi_08_360	1.212	108.08	TW_1999_ChiChi_08_360	1.212	108.08	JP_2004_Chuetsu_04_NS	0.348	288.24
	7	JP_2004_14DEC_EW	0.571	128.25	JP_2004_Chuetsu_05_NS	0.544	154.72	JP_2007_Noto_01_NS	0.753	209.98	TW_1999_ChiChi_08_90	0.865	108.54	TW_1999_ChiChi_08_90	0.865	108.54	JP_2004_Chuetsu_07_EW	0.925	74.45
	8	JP_2004_Chuetsu_05_NS	0.544	154.72	JP_2004_27OCT_02_NS	2.936	158.27	JP_2007_Noto_02_NS	1.851	401.10	JP_2004_Chuetsu_06_EW	0.618	110.19	JP_2004_Chuetsu_06_EW	0.618	110.19	JP_2007_Noto_02_NS	1.091	161.44
	9	JP_2004_27OCT_02_NS	2.936	158.27	CH_2012_GO05_NS	3.893	159.97	JP_2008_Iwate_02_NS	0.692	328.75	US_1994_Northridge_02_90	1.333	114.68	US_1994_Northridge_02_90	1.333	114.68	JP_2009_Shizuoca_01_EW	0.948	298.99
	10	CH_2012_GO05_NS	3.893	159.97	JP_2000_Tottori_01_EW	0.857	169.23	JP_2008_Iwate_04_EW	0.496	332.80	US_1994_Northridge_01_90	2.000	115.48	US_1994_Northridge_01_90	2.000	115.48	JP_2009_Shizuoca_01_NS	1.000	274.18
	11	JP_2000_Tottori_01_EW	0.857	169.23	US_1994_Northridge_01_360	1.436	169.30	JP_2011_12APR_EW	1.809	323.24	US_1989_Loma Prieta_06_90	1.455	117.17	US_1989_Loma Prieta_06_90	1.455	117.17	JP_2009_Shizuoca_02_NS	1.333	177.85
	12	US_1994_Northridge_01_360	1.436	169.30	US_1987_WhittierNarrows_01_360	1.797	174.57	JP_2016_Kumamoto_05_NS	1.161	402.39	US_1994_Northridge_02_360	1.424	117.84	US_1994_Northridge_02_360	1.424	117.84	JP_2011_Fukushima_02_NS	1.333	223.96
	13	US_1987_WhittierNarrows_01_360	1.797	174.57	TW_1999_ChiChi_10_90	0.952	184.65	JP_2016_Kumamoto_06_NS	1.843	598.68	US_1989_Loma Prieta_05_195	2.758	124.94	US_1989_Loma Prieta_05_195	2.758	124.94	JP_2016_Kumamoto_06_NS	0.925	166.02
	14	TW_1999_ChiChi_10_90	0.952	184.65	US_1987_WhittierNarrows_01_270	1.237	184.94	JP_2018_Hokkaido_07_NS	0.629	461.16	CH_2012_GO05_EW	3.000	126.01	CH_2012_GO05_EW	3.000	126.01	JP_2018_Hokkaido_02_EW	0.978	128.60
	15	US_1987_WhittierNarrows_01_270	1.237	184.94	JP_2009_Shizuoca_02_EW	1.904	203.25	JP_2018_Osake_NS	1.721	236.54	US_1989_Loma Prieta_03_90	1.121	126.43	US_1989_Loma Prieta_03_90	1.121	126.43	JP_2018_Hokkaido_05_EW	0.393	281.20
	16	JP_2016_Kumamoto_04_EW	0.996	191.34	JP_2008_Iwate_03_EW	0.579	205.99	TW_1999_ChiChi_07_360	2.036	584.87	JP_2004_14DEC_EW	0.535	127.37	JP_2004_14DEC_EW	0.535	127.37	PE_2012_14MAY_EW	3.727	229.74
	17	JP_2016_Kumamoto_04_NS	1.135	202.09	JP_2004_27OCT_03_EW	1.524	207.26	TW_1999_ChiChi_10_90	0.952	184.65	JP_2018_Hokkaido_02_EW	0.978	128.60	JP_2018_Hokkaido_02_EW	0.978	128.60	TW_1999_ChiChi_03_360	0.483	224.42
	18	JP_2009_Shizuoca_02_EW	1.904	203.25	US_1989_Loma Prieta_02_0	1.495	208.06	US_1989_Loma Prieta_06_0	1.944	350.48	TW_1999_ChiChi_01_90	0.565	128.96	TW_1999_ChiChi_01_90	0.565	128.96	TW_1999_ChiChi_04_360	0.745	234.02
	19	JP_2008_Iwate_03_EW	0.579	205.99	JP_2004_29NOV_01_NS	2.288	209.85	US_1989_Loma Prieta_06_90	2.321	282.52	JP_2004_Chuetsu_06_NS	0.543	131.04	JP_2004_Chuetsu_06_NS	0.543	131.04	TW_1999_ChiChi_07_360	0.738	239.11
	20	JP_2004_27OCT_03_EW	1.524	207.26	JP_2007_Noto_01_NS	0.753	209.98	US_1992_Petrolia_Aftershock_01_360	1.224	350.65	JP_2009_Shizuoca_02_EW	1.424	131.15	JP_2009_Shizuoca_02_EW	1.424	131.15	TW_1999_ChiChi_07_90	0.520	249.28
MAP E	1	JP_2004_Chuetsu_07_NS	1.216	14.93	JP_2004_Chuetsu_07_NS	1.216	14.93	CH_2014_Iquique_02_EW	3.274	15.94	JP_2004_Chuetsu_07_NS	1.242	14.81	JP_2004_Chuetsu_07_NS	1.242	14.81	CH_2014_Iquique_02_EW	3.515	15.03
	2	CH_2014_Iquique_02_EW	3.274	15.94	JP_2004_Chuetsu_07_EW	0.923	20.86	JP_2003_Miyagi_07_EW	0.644	73.08	CH_2014_Iquique_02_EW	3.515	15.03	CH_2014_Iquique_02_EW	3.515	15.03	JP_2003_Miyagi_07_NS	0.460	78.87
	3	JP_2004_Chuetsu_07_EW	0.923	20.86	JP_2016_Kumamoto_05_EW	1.836	21.41	JP_2004_27OCT_01_EW	1.936	55.88	JP_2016_Kumamoto_05_EW	1.636	17.14	JP_2016_Kumamoto_05_EW	1.636	17.14	JP_2004_Chuetsu_04_NS	0.430	60.05
	4	JP_2016_Kumamoto_05_EW	1.836	21.41	TW_1999_ChiChi_10_90	0.952	24.15	JP_2004_Chuetsu_04_EW	0.818	56.65	US_1994_Northridge_02_360	1.394	18.15	US_1994_Northridge_02_360	1.394	18.15	JP_2004_Chuetsu_07_EW	0.955	20.53
	5	TW_1999_ChiChi_10_90	0.952	24.15	US_1994_Northridge_01_90	2.100	25.16	JP_2004_Chuetsu_06_NS	0.873	38.63	TW_1999_ChiChi_01_90	0.558	18.40	TW_1999_ChiChi_01_90	0.558	18.40	JP_2007_Noto_01_NS	0.820	44.53
	6	US_1994_Northridge_01_90	2.100	25.16	CH_2012_GO05_EW	2.892	25.95	JP_2004_Chuetsu_07_NS	1.216	14.93	US_1989_Loma Prieta_03_90	0.963	20.07	US_1989_Loma Prieta_03_90	0.963	20.07	JP_2007_Noto_02_NS	0.993	26.79
	7	CH_2012_GO05_EW	2.892	25.95	US_1994_Northridge_01_360	1.436	26.25	JP_2007_Noto_01_NS	0.753	44.78	US_1989_Loma Prieta_05_195	2.515	20.18	US_1989_Loma Prieta_05_195	2.515	20.18	JP_2008_Iwate_02_EW	0.280	58.04

	8	US_1994_Northridge_01_36_0	1.43_6	26.25	JP_2009_Shizuoca_02_EW	1.90_4	29.08	JP_2007_Noto_02_NS	1.85_1	86.08	JP_2004_Chuetsu_07_E_W	0.95_5	20.53	JP_2004_Chuetsu_07_E_W	0.95_5	20.53	JP_2008_Iwate_03_EW	0.58_0	43.89
	9	JP_2009_Shizuoca_02_EW	1.90_4	29.08	JP_2004_27OCT_02_NS	2.93_6	29.63	JP_2008_Iwate_02_NS	0.69_2	61.86	US_1989_Loma Prieta_06_90	1.36_4	20.84	US_1989_Loma Prieta_06_90	1.36_4	20.84	JP_2008_Iwate_04_NS	0.25_0	61.20
	10	JP_2004_27OCT_02_NS	2.93_6	29.63	JP_2004_27OCT_03_NS	1.36_4	30.34	JP_2008_Iwate_04_EW	0.49_6	48.32	TW_1999_ChiChi_10_90	0.84_3	21.13	TW_1999_ChiChi_10_90	0.84_3	21.13	JP_2009_Shizuoca_02_NS	1.18_2	30.26
	11	JP_2004_27OCT_03_NS	1.36_4	30.34	JP_2004_14DEC_EW	0.57_1	32.15	JP_2011_12APR_EW	1.80_9	56.05	US_1994_Northridge_02_90	1.33_3	21.69	US_1994_Northridge_02_90	1.33_3	21.69	JP_2011_Fukushima_02_NS	1.27_3	37.02
	12	JP_2004_14DEC_EW	0.57_1	32.15	TW_1999_ChiChi_10_360	1.49_7	35.27	JP_2016_Kumamoto_05_NS	1.16_1	92.37	US_1989_Loma Prieta_06_0	1.03_0	22.40	US_1989_Loma Prieta_06_0	1.03_0	22.40	JP_2016_14APR_NS	1.54_5	57.79
	13	TW_1999_ChiChi_10_360	1.49_7	35.27	US_1987_WhittierNarrows_01_360	1.79_7	36.27	JP_2016_Kumamoto_06_NS	1.84_3	145.57	TW_1999_ChiChi_08_36_0	1.45_5	22.41	TW_1999_ChiChi_08_36_0	1.45_5	22.41	JP_2018_Hokkaido_05_EW	0.41_5	45.46
	14	US_1987_WhittierNarrows_01_360	1.79_7	36.27	JP_2004_Chuetsu_06_NS	0.87_3	38.63	JP_2018_Hokkaido_07_NS	0.62_9	72.34	TW_1999_ChiChi_08_90	0.92_5	23.10	TW_1999_ChiChi_08_90	0.92_5	23.10	JP_2018_Hokkaido_05_NS	0.40_0	44.46
	15	JP_2004_Chuetsu_06_NS	0.87_3	38.63	US_1989_Loma Prieta_02_90	1.51_6	38.83	JP_2018_Osake_NS	1.72_1	45.47	JP_2004_Chuetsu_06_E_W	0.61_8	23.54	JP_2004_Chuetsu_06_E_W	0.61_8	23.54	JP_2018_Hokkaido_07_NS	0.34_0	50.73
	16	US_1989_Loma Prieta_02_90	1.51_6	38.83	JP_2016_Kumamoto_01_NS	0.82_9	38.84	TW_1999_ChiChi_07_360	2.03_6	120.11	JP_2016_Kumamoto_06_EW	1.06_1	24.06	JP_2016_Kumamoto_06_EW	1.06_1	24.06	TW_1999_ChiChi_03_360	0.45_3	37.53
	17	JP_2016_Kumamoto_01_NS	0.82_9	38.84	CH_2012_GO05_NS	3.89_3	39.79	TW_1999_ChiChi_10_90	0.95_2	24.15	JP_2009_Shizuoca_02_E_W	1.57_6	24.26	JP_2009_Shizuoca_02_E_W	1.57_6	24.26	TW_1999_ChiChi_04_360	0.57_3	34.73
	18	CH_2012_GO05_NS	3.89_3	39.79	TW_1999_ChiChi_08_90	1.37_7	41.69	US_1989_Loma Prieta_06_0	1.94_4	83.32	US_1994_Northridge_03_90	0.71_5	24.30	US_1994_Northridge_03_90	0.71_5	24.30	TW_1999_ChiChi_07_360	0.69_3	38.32
	19	TW_1999_ChiChi_08_90	1.37_7	41.69	JP_2007_Noto_01_EW	0.69_6	41.86	US_1989_Loma Prieta_06_90	2.32_1	62.30	JP_2018_Hokkaido_02_E_W	1.03_0	24.57	JP_2018_Hokkaido_02_E_W	1.03_0	24.57	TW_1999_ChiChi_07_90	0.49_8	32.82
	20	JP_2007_Noto_01_EW	0.69_6	41.86	US_1987_WhittierNarrows_01_270	1.23_7	42.61	US_1992_Petrolia_Aftershock_01_360	1.22_4	64.53	JP_2016_Kumamoto_01_EW	0.67_0	24.68	JP_2016_Kumamoto_01_EW	0.67_0	24.68	US_1992_Petrolia_Aftershock_01_360	0.67_0	46.49
MSE	1	JP_2004_Chuetsu_07_NS	1.21_6	7709.6_4	JP_2004_Chuetsu_07_NS	1.21_6	7709.6_4	CH_2014_Iquique_02_EW	3.27_4	15720.5_8	JP_2004_Chuetsu_07_N_S	1.15_2	6141.9_0	JP_2004_Chuetsu_07_N_S	1.15_2	6141.9_0	JP_2000_Tottori_01_NS	0.84_3	68016.8_6
	2	JP_2004_Chuetsu_07_EW	0.92_3	9436.1_7	JP_2004_Chuetsu_07_EW	0.92_3	9436.1_7	JP_2003_Miyagi_07_EW	0.64_4	182699.39	JP_2004_Chuetsu_07_E_W	0.91_0	9378.4_2	JP_2004_Chuetsu_07_E_W	0.91_0	9378.4_2	JP_2000_Tottori_04_NS	0.81_3	161804.36
	3	CH_2014_Iquique_02_EW	3.27_4	15720.58	JP_2004_14DEC_EW	0.57_1	21884.49	JP_2004_27OCT_01_EW	1.93_6	70593.9_7	CH_2014_Iquique_02_E_W	3.45_5	14621.07	CH_2014_Iquique_02_E_W	3.45_5	14621.07	JP_2004_29NOV_01_EW	1.09_1	111016.77
	4	JP_2004_14DEC_EW	0.57_1	21884.49	JP_2016_Kumamoto_05_E_W	1.83_6	25737.41	JP_2004_Chuetsu_04_EW	0.81_8	144412.00	TW_1999_ChiChi_10_90	0.67_0	18713.13	TW_1999_ChiChi_10_90	0.67_0	18713.13	JP_2004_Chuetsu_07_EW	0.91_0	9378.42
	5	JP_2016_Kumamoto_05_E_W	1.83_6	25737.41	CH_2012_GO05_EW	2.89_2	28199.60	JP_2004_Chuetsu_06_NS	0.87_3	201431.13	JP_2004_14DEC_EW	0.53_5	20298.45	JP_2004_14DEC_EW	0.53_5	20298.45	JP_2009_Shizuoca_01_EW	0.86_5	113138.88
	6	CH_2012_GO05_EW	2.89_2	28199.60	US_1994_Northridge_01_90	2.10_0	28691.96	JP_2004_Chuetsu_07_NS	1.21_6	7709.64	TW_1999_ChiChi_08_36_0	1.24_2	21363.30	TW_1999_ChiChi_08_36_0	1.24_2	21363.30	JP_2009_Shizuoca_02_NS	1.45_5	50868.8_8
	7	US_1994_Northridge_01_90	2.10_0	28691.96	JP_2004_Chuetsu_05_NS	0.54_4	29852.35	JP_2007_Noto_01_NS	0.75_3	79187.1_8	JP_2004_Chuetsu_06_E_W	0.61_0	21916.30	JP_2004_Chuetsu_06_E_W	0.61_0	21916.30	JP_2011_12APR_EW	1.09_1	65614.0_7
	8	JP_2004_Chuetsu_05_NS	0.54_4	29852.35	JP_2000_Tottori_01_EW	0.85_7	34514.13	JP_2007_Noto_02_NS	1.85_1	277465.66	TW_1999_ChiChi_08_90	0.85_0	22049.68	TW_1999_ChiChi_08_90	0.85_0	22049.68	JP_2011_Fukushima_02_NS	1.60_6	86956.2_4
	9	JP_2000_Tottori_01_EW	0.85_7	34514.13	CH_2012_GO05_NS	3.89_3	36631.09	JP_2008_Iwate_02_NS	0.69_2	271646.75	US_1994_Northridge_01_90	1.90_9	23993.20	US_1994_Northridge_01_90	1.90_9	23993.20	JP_2012_25AGO_EW	0.88_8	151515.02
	10	CH_2012_GO05_NS	3.89_3	36631.09	JP_2004_27OCT_02_NS	2.93_6	39818.23	JP_2008_Iwate_04_EW	0.49_6	203101.17	JP_2016_Kumamoto_05_EW	1.72_7	24314.91	JP_2016_Kumamoto_05_EW	1.72_7	24314.91	JP_2016_Kumamoto_05_NS	0.59_5	129433.28
	11	JP_2004_27OCT_02_NS	2.93_6	39818.23	US_1987_WhittierNarrows_01_270	1.23_7	45696.27	JP_2011_12APR_EW	1.80_9	228066.81	JP_2004_Chuetsu_05_E_W	0.60_3	26176.59	US_1994_Northridge_02_90	1.33_3	26394.51	JP_2016_Kumamoto_06_NS	0.90_3	57046.2_9
	12	US_1987_WhittierNarrows_01_270	1.23_7	45696.27	JP_2008_Iwate_02_EW	0.27_1	63352.39	JP_2016_Kumamoto_05_NS	1.16_1	429940.35	US_1994_Northridge_02_90	1.33_3	26394.51	US_1989_Loma Prieta_06_90	1.51_5	27425.10	JP_2018_Hokkaido_02_EW	1.00_0	32539.2_3
	13	JP_2016_Kumamoto_04_E_W	0.99_6	62619.71	JP_2004_27OCT_03_EW	1.52_4	66303.44	JP_2016_Kumamoto_06_NS	1.84_3	494029.10	JP_2004_Chuetsu_05_N_S	0.50_5	27269.95	CH_2012_GO05_EW	2.81_8	27888.32	JP_2018_Hokkaido_05_EW	0.45_3	136599.40
	14	JP_2008_Iwate_02_EW	0.27_1	63352.39	US_1989_Loma Prieta_02_0	1.49_5	67958.73	JP_2018_Hokkaido_07_NS	0.62_9	546076.62	US_1989_Loma Prieta_06_90	1.51_5	27425.10	JP_2009_Shizuoca_02_E_W	1.33_3	28972.92	JP_2018_Hokkaido_07_NS	0.29_5	72917.1_4
	15	JP_2004_27OCT_03_EW	1.52_4	66303.44	JP_2013_25FEB_EW	0.69_8	69010.93	JP_2018_Osake_NS	1.72_1	119868.11	CH_2012_GO05_EW	2.81_8	27888.32	JP_1997_Kagoshima_EW	0.98_5	30458.76	PE_2012_14MAY_EW	3.30_3	73568.3_3
	16	JP_2016_Kumamoto_04_NS	1.13_5	67889.41	JP_2004_27OCT_01_EW	1.93_6	70593.97	TW_1999_ChiChi_07_360	2.03_6	658322.22	JP_2009_Shizuoca_02_E_W	1.33_3	28972.92	JP_2004_Chuetsu_06_N_S	0.53_5	30805.80	TW_1999_ChiChi_03_360	0.46_0	97368.5_0
	17	US_1989_Loma Prieta_02_0	1.49_5	67958.73	JP_2008_Iwate_03_EW	0.57_9	72118.35	TW_1999_ChiChi_10_90	0.95_2	97547.8_2	JP_1997_Kagoshima_EW	0.98_5	30458.76	JP_2016_Kumamoto_01_EW	0.70_8	30928.18	TW_1999_ChiChi_07_90	0.58_8	123498.23
	18	JP_2013_25FEB_EW	0.69_8	69010.93	JP_2004_Chuetsu_05_EW	0.80_0	72941.34	US_1989_Loma Prieta_06_0	1.94_4	166095.86	JP_2004_Chuetsu_06_N_S	0.53_5	30805.80	US_1989_Loma Prieta_06_0	1.24_2	31973.34	US_1987_WhittierNarrows_01_270	1.48_5	34793.5_2
	19	JP_2004_27OCT_01_EW	1.93_6	70593.97	JP_2000_Tottori_05_EW	0.98_6	73257.08	US_1989_Loma Prieta_06_90	2.32_1	151714.90	JP_2016_Kumamoto_01_EW	0.70_8	30928.18	JP_2009_Shizuoca_03_E_W	1.51_5	32458.30	US_1989_Loma Prieta_02_90	0.88_8	55571.8_6
	20	JP_2008_Iwate_03_NS	0.50_4	71350.62	JP_2000_Tottori_01_NS	0.73_1	75196.22	US_1992_Petrolia_Aftershock_01_360	1.22_4	345145.78	US_1989_Loma Prieta_06_0	1.24_2	31973.34	JP_2018_Hokkaido_02_E_W	1.00_0	32539.23	US_1992_Petrolia_Aftershock_01_360	0.67_8	120482.87
RMS E	1	JP_2004_Chuetsu_07_NS	1.21_6	87.80	JP_2004_Chuetsu_07_NS	1.21_6	87.80	CH_2014_Iquique_02_EW	3.27_4	125.38	JP_2004_Chuetsu_07_N_S	1.15_2	78.37	JP_2004_Chuetsu_07_N_S	1.15_2	78.37	JP_2000_Tottori_01_NS	0.84_3	260.80
	2	JP_2004_Chuetsu_07_EW	0.92_3	97.14	JP_2004_Chuetsu_07_EW	0.92_3	97.14	JP_2003_Miyagi_07_EW	0.64_4	427.43	JP_2004_Chuetsu_07_E_W	0.91_0	96.84	JP_2004_Chuetsu_07_E_W	0.91_0	96.84	JP_2000_Tottori_04_NS	0.81_3	402.25
	3	CH_2014_Iquique_02_EW	3.27_4	125.38	JP_2004_14DEC_EW	0.57_1	147.93	JP_2004_27OCT_01_EW	1.93_6	265.70	CH_2014_Iquique_02_E_W	3.45_5	120.92	CH_2014_Iquique_02_E_W	3.45_5	120.92	JP_2004_29NOV_01_EW	1.09_1	333.19
	4	JP_2004_14DEC_EW	0.57_1	147.93	JP_2016_Kumamoto_05_E_W	1.83_6	160.43	JP_2004_Chuetsu_04_EW	0.81_8	380.02	TW_1999_ChiChi_10_90	0.67_0	136.80	TW_1999_ChiChi_10_90	0.67_0	136.80	JP_2004_Chuetsu_07_EW	0.91_0	96.84
	5	JP_2016_Kumamoto_05_E_W	1.83_6	160.43	CH_2012_GO05_EW	2.89_2	167.93	JP_2004_Chuetsu_06_NS	0.87_3	448.81	JP_2004_14DEC_EW	0.53_5	142.47	JP_2004_14DEC_EW	0.53_5	142.47	JP_2009_Shizuoca_01_EW	0.86_5	336.36
	6	CH_2012_GO05_EW	2.89_2	167.93	US_1994_Northridge_01_90	2.10_0	169.39	JP_2004_Chuetsu_07_NS	1.21_6	87.80	TW_1999_ChiChi_08_36_0	1.24_2	146.16	TW_1999_ChiChi_08_36_0	1.24_2	146.16	JP_2009_Shizuoca_02_NS	1.45_5	225.54

	7	US_1994_Northridge_01_90	2.10 0	169.39	JP_2004_Chuetsu_05_NS	0.54 4	172.78	JP_2007_Noto_01_NS	0.75 3	281.40	JP_2004_Chuetsu_06_E W	0.61 0	148.04	JP_2004_Chuetsu_06_E W	0.61 0	148.04	JP_2011_12APR_EW	1.09 1	256.15
	8	JP_2004_Chuetsu_05_NS	0.54 4	172.78	JP_2000_Tottori_01_EW	0.85 7	185.78	JP_2007_Noto_02_NS	1.85 1	526.75	TW_1999_ChiChi_08_90	0.85 0	148.49	TW_1999_ChiChi_08_90	0.85 0	148.49	JP_2011_Fukushima_02_NS	1.60 6	294.88
	9	JP_2000_Tottori_01_EW	0.85 7	185.78	CH_2012_GO05_NS	3.89 3	191.39	JP_2008_Iwate_02_NS	0.69 2	521.20	US_1994_Northridge_01_90	1.90 9	154.90	US_1994_Northridge_01_90	1.90 9	154.90	JP_2012_25AGO_EW	0.88 8	389.25
	10	CH_2012_GO05_NS	3.89 3	191.39	JP_2004_27OCT_02_NS	2.93 6	199.55	JP_2008_Iwate_04_EW	0.49 6	450.67	JP_2016_Kumamoto_05_EW	1.72 7	155.93	JP_2016_Kumamoto_05_EW	1.72 7	155.93	JP_2016_Kumamoto_05_NS	0.59 5	359.77
	11	JP_2004_27OCT_02_NS	2.93 6	199.55	US_1987_WhittierNarrows_01_270	1.23 7	213.77	JP_2011_12APR_EW	1.80 9	477.56	JP_2004_Chuetsu_05_E W	0.60 3	161.79	US_1994_Northridge_02_90	1.33 3	162.46	JP_2016_Kumamoto_06_NS	0.90 3	238.84
	12	US_1987_WhittierNarrows_01_270	1.23 7	213.77	JP_2008_Iwate_02_EW	0.27 1	251.70	JP_2016_Kumamoto_05_NS	1.16 1	655.70	US_1994_Northridge_02_90	1.33 3	162.46	US_1989_Loma Prieta_06_90	1.51 5	165.61	JP_2018_Hokkaido_02_EW	1.00 0	180.39
	13	JP_2016_Kumamoto_04_E W	0.99 6	250.24	JP_2004_27OCT_03_EW	1.52 4	257.49	JP_2016_Kumamoto_06_NS	1.84 3	702.87	JP_2004_Chuetsu_05_N S	0.50 5	165.14	CH_2012_GO05_EW	2.81 8	167.00	JP_2018_Hokkaido_05_EW	0.45 3	369.59
	14	JP_2008_Iwate_02_EW	0.27 1	251.70	US_1989_Loma Prieta_02_0	1.49 5	260.69	JP_2018_Hokkaido_07_NS	0.62 9	738.97	US_1989_Loma Prieta_06_90	1.51 5	165.61	JP_2009_Shizuoca_02_E W	1.33 3	170.21	JP_2018_Hokkaido_07_NS	0.29 5	270.03
	15	JP_2004_27OCT_03_EW	1.52 4	257.49	JP_2013_25FEB_EW	0.69 8	262.70	JP_2018_Osake_NS	1.72 1	346.22	CH_2012_GO05_EW	2.81 8	167.00	JP_1997_Kagoshima_EW	0.98 5	174.52	PE_2012_14MAY_EW	3.30 3	271.23
	16	JP_2016_Kumamoto_04_NS	1.13 5	260.56	JP_2004_27OCT_01_EW	1.93 6	265.70	TW_1999_ChiChi_07_360	2.03 6	811.37	JP_2009_Shizuoca_02_E W	1.33 3	170.21	JP_2004_Chuetsu_06_N S	0.53 5	175.52	TW_1999_ChiChi_03_360	0.46 0	312.04
	17	US_1989_Loma Prieta_02_0	1.49 5	260.69	JP_2008_Iwate_03_EW	0.57 9	268.55	TW_1999_ChiChi_10_90	0.95 2	312.33	JP_1997_Kagoshima_EW	0.98 5	174.52	JP_2016_Kumamoto_01_ew	0.70 8	175.86	TW_1999_ChiChi_07_90	0.58 8	351.42
	18	JP_2013_25FEB_EW	0.69 8	262.70	JP_2004_Chuetsu_05_EW	0.80 0	270.08	US_1989_Loma Prieta_06_0	1.94 4	407.55	JP_2004_Chuetsu_06_N S	0.53 5	175.52	US_1989_Loma Prieta_06_0	1.24 2	178.81	US_1987_WhittierNarrows_01_270	1.48 5	186.53
	19	JP_2004_27OCT_01_EW	1.93 6	265.70	JP_2000_Tottori_05_EW	0.98 6	270.66	US_1989_Loma Prieta_06_90	2.32 1	389.51	JP_2016_Kumamoto_01_ew	0.70 8	175.86	JP_2009_Shizuoca_03_E W	1.51 5	180.16	US_1989_Loma Prieta_02_90	0.88 8	235.74
	20	JP_2008_Iwate_03_NS	0.50 4	267.12	JP_2000_Tottori_01_NS	0.73 1	274.22	US_1992_Petrolia_Aftershock_01_360	1.22 4	587.49	US_1989_Loma Prieta_06_0	1.24 2	178.81	JP_2018_Hokkaido_02_E W	1.00 0	180.39	US_1992_Petrolia_Aftershock_01_360	0.67 8	347.11

REGISTROS SELECCIONADOS CASO Ymr-I T=0.08s - TSemc-tr-475																			
Caso:		TSemc-tr-475_NSp_Sbs			TSemc-tr-475_NSp_Sci			TSemc-tr-475_NSp_Ssr			TSemc-tr-475_NSr_Sbs			TSemc-tr-475_NSr_Sci			TSemc-tr-475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2011_19MAR_01_EW	0.371	33.87	JP_2011_19MAR_02_NS	0.855	129.39	JP_2000_Tottori_02_NS	0.646	484.83	JP_2003_Miyagi_08_EW	0.250	29.02	JP_2003_Miyagi_02_NS	0.295	53.72	CH_2012_GO05_EW	0.250	118.00
	2	JP_2003_Miyagi_08_EW	0.298	35.33	JP_2003_Miyagi_02_EW	0.533	161.46	JP_2000_Tottori_04_NS	0.710	265.75	JP_2011_19MAR_01_EW	0.363	33.73	JP_2016_28DEC_NS	0.468	56.63	CH_2014_Iquique_02_EW	0.295	111.33
	3	JP_2003_Miyagi_08_NS	0.269	40.29	JP_2011_19MAR_02_EW	0.668	164.94	JP_2003_Miyagi_09_EW	0.271	63.83	JP_2003_Miyagi_08_NS	0.250	38.24	JP_2003_Miyagi_07_EW	0.250	58.57	JP_1997_Kagoshima_NS	0.250	130.05
	4	JP_2003_Miyagi_07_NS	0.251	40.36	JP_2000_Tottori_01_NS	0.416	175.97	JP_2004_27OCT_01_EW	1.102	233.45	JP_2003_Miyagi_07_NS	0.250	39.83	JP_2011_19MAR_02_NS	0.333	59.22	JP_2000_Tottori_04_NS	0.250	100.56
	5	JP_2016_28DEC_EW	0.393	41.78	JP_2021_Miyagi_02_EW	0.798	184.82	JP_2004_27OCT_02_NS	1.671	296.60	JP_2016_28DEC_EW	0.393	41.80	JP_2003_Miyagi_09_EW	0.250	61.30	JP_2004_27OCT_01_EW	0.333	94.87
	6	JP_2016_28DEC_NS	0.531	61.62	US_1987_WhittierNarrows_01270	0.704	205.23	JP_2008_Iwate_02_NS	0.394	418.23	JP_2000_Tottori_03_NS	0.258	44.11	JP_2011_19MAR_02_EW	0.250	64.84	JP_2004_Chuetsu_04_EW	0.250	184.73
	7	JP_2003_Miyagi_09_EW	0.271	63.83	CH_2012_GO05_NS	2.215	211.09	JP_2008_Iwate_03_NS	0.287	197.08	JP_2000_Tottori_03_EW	0.438	44.37	JP_2003_Miyagi_02_EW	0.250	83.51	JP_2009_Shizuoca_01_EW	0.250	139.92
	8	JP_2003_Miyagi_02_NS	0.369	68.87	JP_2004_27OCT_01_NS	0.718	211.23	JP_2009_Shizuoca_01_EW	0.909	407.58	JP_2013_13APR_EW	0.310	53.17	JP_2000_Tottori_04_EW	0.258	86.82	JP_2009_Shizuoca_03_EW	0.250	119.33
	9	JP_2003_Miyagi_07_EW	0.367	69.44	JP_2000_Tottori_05_EW	0.561	214.05	JP_2009_Shizuoca_03_NS	0.737	303.83	JP_2003_Miyagi_02_NS	0.295	53.72	JP_2012_25AGO_NS	0.250	91.42	JP_2009_Shizuoca_03_NS	0.250	114.44
	10	JP_2000_Tottori_03_EW	0.776	84.30	JP_2004_27OCT_01_EW	1.102	233.45	JP_2011_15MAR_NS	0.873	677.40	JP_2016_28DEC_NS	0.468	56.63	JP_2004_27OCT_01_NS	0.250	94.83	JP_2012_25AGO_NS	0.250	91.42
	11	JP_2008_Iwate_04_EW	0.282	84.86	JP_2000_Tottori_01_EW	0.488	236.92	JP_2011_19MAR_02_NS	0.855	129.39	JP_2003_Miyagi_09_NS	0.250	58.30	JP_2004_27OCT_01_EW	0.333	94.87	JP_2016_Kumamoto_01_EW	0.250	214.04
	12	JP_2000_Tottori_03_NS	0.517	95.05	JP_2004_27OCT_03_EW	0.867	265.89	JP_2013_13APR_NS	0.868	142.13	JP_2003_Miyagi_07_EW	0.250	58.57	JP_2000_Tottori_05_EW	0.250	100.21	JP_2016_Kumamoto_06_NS	0.250	183.33
	13	JP_2003_Miyagi_09_NS	0.412	128.04	CH_2014_Iquique_02_NS	2.565	269.68	JP_2016_28DEC_EW	0.393	41.78	JP_2011_19MAR_02_NS	0.333	59.22	JP_2000_Tottori_04_NS	0.250	100.56	PE_2012_14MAY_EW	0.280	106.57
	14	JP_2011_19MAR_02_NS	0.855	129.39	JP_2000_Tottori_02_EW	0.510	273.59	JP_2016_Kumamoto_01_NS	0.472	471.53	JP_2013_13APR_NS	0.318	59.85	CH_2012_GO05_NS	0.535	102.11	TW_1999_ChiChi_04_360	0.250	191.28
	15	JP_2004_14DEC_NS	0.341	140.27	CH_2012_GO05_EW	1.646	276.21	JP_2016_Kumamoto_03_NS	0.791	458.49	JP_2003_Miyagi_09_EW	0.250	61.30	JP_2012_25AGO_EW	0.250	103.46	TW_1999_ChiChi_07_360	0.250	187.67
	16	JP_2013_13APR_NS	0.868	142.13	JP_2013_25FEB_EW	0.397	281.92	JP_2021_Miyagi_02_EW	0.798	184.82	JP_2011_19MAR_02_EW	0.250	64.84	JP_2004_29NOV_01_NS	0.280	104.30	US_1987_WhittierNarrows_01360	0.250	107.61
	17	JP_2003_Miyagi_02_EW	0.533	161.46	JP_2004_14DEC_EW	0.325	290.57	PE_2012_14MAY_EW	1.856	224.29	JP_2003_Miyagi_02_EW	0.250	83.51	JP_2004_29NOV_01_EW	0.250	105.77	US_1989_Loma Prieta_01_90	0.250	168.02
	18	JP_2011_19MAR_02_EW	0.668	164.94	JP_2004_Chuetsu_07_EW	0.525	291.45	TW_1999_ChiChi_04_360	1.104	678.16	JP_2021_Miyagi_02_EW	0.288	84.13	US_1987_WhittierNarrows_01360	0.250	107.61	US_1989_Loma Prieta_06_0	0.250	131.30
	19	JP_2013_13APR_EW	0.777	166.08	JP_2004_Chuetsu_05_NS	0.309	293.09	US_1987_WhittierNarrows_01360	1.022	350.12	JP_2008_Iwate_04_EW	0.280	85.01	US_1987_WhittierNarrows_01270	0.250	107.91	US_1992_Big Bear_270	0.250	128.16

	20	JP_1997_Kagoshima_NS	0.524	167.65	JP_2007_Noto_01_NS	0.428	293.35	US_1992_Big Bear_270	0.841	391.18	JP_2000_Tottori_04_EW	0.258	86.82	JP_2004_27OCT_03_EW	0.250	110.14	US_1994_Northridge_01_360	0.250	115.19
MAP E	1	JP_2011_19MAR_01_EW	0.371	180.33	JP_2011_19MAR_02_NS	0.855	725.46	JP_2000_Tottori_02_NS	0.646	2947.25	JP_2011_19MAR_01_EW	0.250	108.49	JP_2000_Tottori_04_EW	0.250	226.96	CH_2012_GO05_EW	0.250	544.43
	2	JP_2016_28DEC_EW	0.393	250.82	JP_2011_19MAR_02_EW	0.668	742.27	JP_2000_Tottori_04_NS	0.710	1435.77	JP_2016_28DEC_EW	0.250	143.52	JP_2004_27OCT_01_EW	0.250	231.14	CH_2014_Iquique_02_EW	0.250	520.11
	3	JP_2003_Miyagi_07_NS	0.251	257.53	JP_2021_Miyagi_02_EW	0.798	761.07	JP_2003_Miyagi_09_EW	0.271	352.23	JP_2011_19MAR_02_NS	0.250	176.17	JP_2011_19MAR_02_EW	0.250	233.84	JP_1997_Kagoshima_NS	0.250	1109.86
	4	JP_2003_Miyagi_08_EW	0.298	301.95	JP_2003_Miyagi_02_EW	0.533	825.87	JP_2004_27OCT_01_EW	1.102	1195.00	PE_2012_14MAY_NS	0.250	194.64	JP_2012_25AGO_EW	0.250	240.31	JP_2000_Tottori_04_NS	0.250	461.11
	5	JP_2003_Miyagi_09_EW	0.271	352.23	JP_2004_27OCT_01_NS	0.718	1102.38	JP_2004_27OCT_02_NS	1.671	3561.03	JP_2021_Miyagi_02_EW	0.250	198.33	JP_2003_Miyagi_02_NS	0.250	269.09	JP_2004_27OCT_01_EW	0.250	231.14
	6	JP_2003_Miyagi_08_NS	0.269	413.57	JP_2009_Shizuoca_03_NS	0.737	1181.95	JP_2008_Iwate_02_NS	0.394	1876.77	JP_2016_28DEC_NS	0.250	210.92	JP_2003_Miyagi_09_EW	0.250	320.40	JP_2004_Chuetzu_04_EW	0.250	1070.77
	7	JP_2003_Miyagi_02_NS	0.369	423.93	JP_2004_27OCT_01_EW	1.102	1195.00	JP_2008_Iwate_03_NS	0.287	3064.95	CH_2012_GO05_NS	0.250	222.01	JP_2003_Miyagi_07_EW	0.250	334.66	JP_2009_Shizuoca_01_EW	0.250	393.91
	8	JP_2016_28DEC_NS	0.531	499.70	JP_2021_Miyagi_02_NS	0.599	1448.94	JP_2009_Shizuoca_01_EW	0.909	1592.99	JP_2000_Tottori_04_EW	0.250	226.96	JP_2004_27OCT_01_NS	0.250	343.68	JP_2009_Shizuoca_03_EW	0.250	609.71
	9	JP_2003_Miyagi_07_EW	0.367	518.02	JP_2000_Tottori_05_EW	0.561	1456.93	JP_2009_Shizuoca_03_NS	0.737	1181.95	JP_2004_27OCT_01_EW	0.250	231.14	JP_2003_Miyagi_02_EW	0.250	352.35	JP_2009_Shizuoca_03_NS	0.250	356.86
	10	JP_2003_Miyagi_09_NS	0.412	554.14	JP_2009_Shizuoca_01_EW	0.909	1592.99	JP_2011_15MAR_NS	0.873	4995.76	JP_2011_19MAR_01_NS	0.250	231.81	JP_2009_Shizuoca_03_NS	0.250	356.86	JP_2011_19MAR_01_EW	0.250	108.49
	11	JP_2000_Tottori_03_NS	0.517	649.21	JP_2013_25FEB_EW	0.397	1852.31	JP_2011_19MAR_02_NS	0.855	725.46	JP_2011_19MAR_02_EW	0.250	233.84	JP_2016_14APR_EW	0.250	389.17	JP_2012_25AGO_NS	0.250	442.76
	12	JP_2011_19MAR_01_NS	0.639	697.75	JP_2008_Iwate_02_NS	0.394	1876.77	JP_2013_13APR_NS	0.868	956.89	JP_2013_13APR_NS	0.250	238.66	JP_2009_Shizuoca_01_EW	0.250	393.91	JP_2016_Kumamoto_01_EW	0.250	3346.36
	13	JP_2011_19MAR_02_NS	0.855	725.46	JP_2004_Chuetzu_04_EW	0.465	2059.72	JP_2016_28DEC_EW	0.393	250.82	JP_2012_25AGO_EW	0.250	240.31	JP_2004_29NOV_01_NS	0.250	408.52	JP_2016_Kumamoto_06_NS	0.250	3175.46
	14	JP_2011_19MAR_02_EW	0.668	742.27	US_1987_WhittierNarrows_01_270	0.704	2161.64	JP_2016_Kumamoto_01_NS	0.472	6056.60	JP_2003_Miyagi_08_EW	0.250	244.19	JP_2004_29NOV_01_EW	0.250	427.67	PE_2012_14MAY_EW	0.250	247.96
	15	JP_2021_Miyagi_02_EW	0.798	761.07	JP_2004_27OCT_03_EW	0.867	2211.46	JP_2016_Kumamoto_03_NS	0.791	9078.42	PE_2012_14MAY_EW	0.250	247.96	JP_2011_12APR_NS	0.250	429.14	TW_1999_ChiChi_04_360	0.250	4290.51
	16	JP_2003_Miyagi_02_EW	0.533	825.87	JP_2000_Tottori_01_EW	0.488	2216.59	JP_2021_Miyagi_02_EW	0.798	761.07	JP_2003_Miyagi_07_NS	0.250	256.18	JP_2012_25AGO_NS	0.250	442.76	TW_1999_ChiChi_07_360	0.250	2273.97
	17	JP_2000_Tottori_03_EW	0.776	912.58	JP_2009_Shizuoca_01_NS	1.055	2221.33	PE_2012_14MAY_EW	1.856	2110.21	CH_2014_Iquique_02_NS	0.250	256.28	JP_2016_14APR_NS	0.250	445.03	US_1987_WhittierNarrows_01_360	0.250	627.09
	18	JP_2013_13APR_NS	0.868	956.89	CH_2012_GO05_NS	2.215	2225.82	TW_1999_ChiChi_04_360	1.104	19135.84	JP_2003_Miyagi_02_NS	0.250	269.09	JP_2000_Tottori_04_NS	0.250	461.11	US_1989_Loma Prieta_01_90	0.250	1325.45
	19	JP_2013_13APR_EW	0.777	1009.24	JP_2007_Noto_01_NS	0.428	2249.18	US_1987_WhittierNarrows_01_360	1.022	2759.89	JP_2000_Tottori_03_EW	0.250	274.83	JP_2009_Shizuoca_01_NS	0.250	480.39	US_1992_Big Bear_270	0.250	702.01
	20	JP_2004_27OCT_01_NS	0.718	1102.38	US_1992_Big Bear_360	0.823	2250.23	US_1992_Big Bear_270	0.841	2518.64	JP_2000_Tottori_03_NS	0.250	280.74	JP_2004_27OCT_03_EW	0.250	596.15	US_1994_Northridge_01_360	0.250	1387.07
MSE	1	JP_2011_19MAR_01_EW	0.371	2162.07	JP_2011_19MAR_02_NS	0.855	40859.42	JP_2000_Tottori_02_NS	0.646	465853.35	JP_2011_19MAR_01_EW	0.363	2140.33	JP_2003_Miyagi_02_NS	0.288	4541.61	CH_2012_GO05_NS	1.000	20983.38
	2	JP_2003_Miyagi_08_EW	0.298	3807.17	JP_2003_Miyagi_02_EW	0.533	45919.61	JP_2000_Tottori_04_NS	0.710	187099.69	JP_2003_Miyagi_08_EW	0.258	2298.70	JP_2003_Miyagi_09_EW	0.250	5703.27	JP_1997_Kagoshima_NS	0.288	24039.23
	3	JP_2003_Miyagi_08_NS	0.269	4225.35	JP_2000_Tottori_01_NS	0.416	55855.00	JP_2003_Miyagi_09_EW	0.271	6228.65	JP_2003_Miyagi_08_NS	0.250	3784.45	JP_2016_28DEC_NS	0.438	6011.39	JP_2000_Tottori_02_NS	0.250	60734.44
	4	JP_2016_28DEC_EW	0.393	4260.14	US_1987_WhittierNarrows_01_270	0.704	62579.86	JP_2004_27OCT_01_EW	1.102	99347.96	JP_2016_28DEC_EW	0.400	4262.06	JP_2011_19MAR_02_NS	0.468	10617.64	JP_2000_Tottori_04_NS	0.250	23157.77
	5	JP_2003_Miyagi_09_EW	0.271	6228.65	CH_2012_GO05_NS	2.215	71506.33	JP_2004_27OCT_02_NS	1.671	157595.86	JP_2003_Miyagi_02_NS	0.288	4541.61	JP_2003_Miyagi_02_EW	0.288	12476.53	JP_2004_27OCT_01_EW	0.445	20108.05
	6	JP_2016_28DEC_NS	0.531	8335.06	JP_2011_19MAR_02_EW	0.668	72932.96	JP_2008_Iwate_02_NS	0.394	372482.35	JP_2003_Miyagi_09_EW	0.250	5703.27	JP_2011_19MAR_02_EW	0.310	13270.81	JP_2004_Chuetzu_04_EW	0.250	66247.39
	7	JP_2003_Miyagi_02_NS	0.369	8557.67	JP_2000_Tottori_05_EW	0.561	81419.81	JP_2008_Iwate_03_NS	0.287	64546.25	JP_2000_Tottori_03_EW	0.505	5795.19	JP_2004_14DEC_NS	0.250	16929.09	JP_2009_Shizuoca_01_EW	0.250	41671.93
	8	JP_2008_Iwate_04_EW	0.282	8981.58	JP_2021_Miyagi_02_EW	0.798	84503.17	JP_2009_Shizuoca_01_EW	0.909	420145.40	JP_2016_28DEC_NS	0.438	6011.39	JP_2000_Tottori_05_EW	0.250	18171.55	JP_2009_Shizuoca_03_EW	0.295	31086.90
	9	JP_2003_Miyagi_07_NS	0.251	10156.76	JP_2000_Tottori_01_EW	0.488	86063.28	JP_2009_Shizuoca_03_NS	0.737	217538.08	JP_2000_Tottori_03_NS	0.318	6452.11	JP_2000_Tottori_01_NS	0.250	19739.48	JP_2009_Shizuoca_03_NS	0.250	27710.06
	10	JP_2003_Miyagi_07_EW	0.367	13715.52	JP_2004_27OCT_01_NS	0.718	88696.11	JP_2011_15MAR_NS	0.873	687208.58	JP_2003_Miyagi_07_EW	0.265	6909.53	JP_2004_27OCT_01_EW	0.445	20108.05	JP_2012_25AGO_NS	0.295	26797.70
	11	JP_2000_Tottori_03_EW	0.776	20356.56	JP_2004_27OCT_01_EW	1.102	99347.96	JP_2011_19MAR_02_NS	0.855	40859.42	JP_2003_Miyagi_09_NS	0.250	7172.93	JP_2004_27OCT_01_NS	0.303	20418.92	JP_2016_Kumamoto_01_EW	0.250	57180.45
	12	JP_2000_Tottori_03_NS	0.517	25670.38	JP_2004_Chuetzu_05_NS	0.309	114309.91	JP_2013_13APR_NS	0.868	46273.79	JP_2008_Iwate_04_EW	0.280	8979.89	CH_2012_GO05_NS	1.000	20983.38	JP_2016_Kumamoto_05_EW	0.363	27653.92
	13	JP_2004_14DEC_NS	0.341	29268.82	CH_2014_Iquique_02_NS	2.565	121795.51	JP_2016_28DEC_EW	0.393	4260.14	JP_2003_Miyagi_07_NS	0.250	9980.26	US_1987_WhittierNarrows_01_270	0.340	21577.31	JP_2016_Kumamoto_06_NS	0.250	45121.86
	14	JP_2003_Miyagi_09_NS	0.412	40383.17	JP_2004_Chuetzu_07_EW	0.525	121891.74	JP_2016_Kumamoto_01_NS	0.472	363126.29	JP_2011_19MAR_02_NS	0.468	10617.64	JP_2000_Tottori_04_EW	0.393	22306.51	PE_2012_14MAY_EW	0.693	29567.77
	15	JP_2011_19MAR_02_NS	0.855	40859.42	CH_2012_GO05_EW	1.646	128288.51	JP_2016_Kumamoto_03_NS	0.791	311897.76	JP_2013_13APR_NS	0.460	11336.04	CH_2014_Iquique_02_NS	0.940	22583.17	TW_1999_ChiChi_04_360	0.250	49346.60
	16	JP_2008_Iwate_04_NS	0.485	45755.72	JP_2004_27OCT_03_EW	0.867	131254.39	JP_2021_Miyagi_02_EW	0.798	84503.17	JP_2013_13APR_EW	0.355	12077.47	JP_2000_Tottori_04_NS	0.250	23157.77	TW_1999_ChiChi_07_360	0.250	51890.89
	17	JP_2003_Miyagi_02_EW	0.533	45919.61	JP_2004_Chuetzu_07_NS	0.692	131578.17	PE_2012_14MAY_EW	1.856	104485.86	JP_2003_Miyagi_02_EW	0.288	12476.53	JP_2000_Tottori_01_EW	0.250	23412.24	US_1989_Loma Prieta_01_90	0.250	43980.35
	18	JP_1997_Kagoshima_NS	0.524	45997.52	JP_2004_14DEC_EW	0.325	132846.18	TW_1999_ChiChi_04_360	1.104	595109.99	JP_2011_19MAR_02_EW	0.310	13270.81	US_1994_Northridge_01_360	0.273	23795.96	US_1989_Loma Prieta_06_0	0.265	30395.78

	19	JP_2013_13APR_NS	0.868	46273.79	JP_2013_25FEB_EW	0.397	141040.88	US_1987_WhittierNarrows_01_360	1.022	195768.63	JP_2004_14DEC_NS	0.250	16929.09	CH_2014_Iquique_02_EW	0.760	23899.79	US_1992_Big Bear_270	0.250	33089.24
	20	JP_2000_Tottori_01_NS	0.416	55855.00	US_1994_Northridge_01_90	1.195	146543.57	US_1992_Big Bear_270	0.841	299368.35	JP_2011_19MAR_01_NS	0.250	17766.68	US_1987_WhittierNarrows_01_360	0.303	25171.78	US_1994_Northridge_01_360	0.273	23795.96
RMS E	1	JP_2011_19MAR_01_EW	0.371	46.50	JP_2011_19MAR_02_NS	0.855	202.14	JP_2000_Tottori_02_NS	0.646	682.53	JP_2011_19MAR_01_EW	0.363	46.26	JP_2003_Miyagi_02_NS	0.288	67.39	CH_2012_GO05_NS	1.000	144.86
	2	JP_2003_Miyagi_08_EW	0.298	61.70	JP_2003_Miyagi_02_EW	0.533	214.29	JP_2000_Tottori_04_NS	0.710	432.55	JP_2003_Miyagi_08_EW	0.258	47.94	JP_2003_Miyagi_09_EW	0.250	75.52	JP_1997_Kagoshima_NS	0.288	155.05
	3	JP_2003_Miyagi_08_NS	0.269	65.00	JP_2000_Tottori_01_NS	0.416	236.34	JP_2003_Miyagi_09_EW	0.271	78.92	JP_2003_Miyagi_08_NS	0.250	61.52	JP_2016_28DEC_NS	0.438	77.53	JP_2000_Tottori_02_NS	0.250	246.44
	4	JP_2016_28DEC_EW	0.393	65.27	US_1987_WhittierNarrows_01_270	0.704	250.16	JP_2004_27OCT_01_EW	1.102	315.20	JP_2016_28DEC_EW	0.400	65.28	JP_2011_19MAR_02_NS	0.468	103.04	JP_2000_Tottori_04_NS	0.250	152.18
	5	JP_2003_Miyagi_09_EW	0.271	78.92	CH_2012_GO05_NS	2.215	267.41	JP_2004_27OCT_02_NS	1.671	396.98	JP_2003_Miyagi_02_NS	0.288	67.39	JP_2003_Miyagi_02_EW	0.288	111.70	JP_2004_27OCT_01_EW	0.445	141.80
	6	JP_2016_28DEC_NS	0.531	91.30	JP_2011_19MAR_02_EW	0.668	270.06	JP_2008_Iwate_02_NS	0.394	610.31	JP_2003_Miyagi_09_EW	0.250	75.52	JP_2011_19MAR_02_EW	0.310	115.20	JP_2004_Chuetso_04_EW	0.250	257.39
	7	JP_2003_Miyagi_02_NS	0.369	92.51	JP_2000_Tottori_05_EW	0.561	285.34	JP_2008_Iwate_03_NS	0.287	254.06	JP_2000_Tottori_03_EW	0.505	76.13	JP_2004_14DEC_NS	0.250	130.11	JP_2009_Shizuoca_01_EW	0.250	204.14
	8	JP_2008_Iwate_04_EW	0.282	94.77	JP_2021_Miyagi_02_EW	0.798	290.69	JP_2009_Shizuoca_01_EW	0.909	648.19	JP_2016_28DEC_NS	0.438	77.53	JP_2000_Tottori_05_EW	0.250	134.80	JP_2009_Shizuoca_03_EW	0.295	176.31
	9	JP_2003_Miyagi_07_NS	0.251	100.78	JP_2000_Tottori_01_EW	0.488	293.37	JP_2009_Shizuoca_03_NS	0.737	466.41	JP_2000_Tottori_03_NS	0.318	80.33	JP_2000_Tottori_01_NS	0.250	140.50	JP_2009_Shizuoca_03_NS	0.250	166.46
	10	JP_2003_Miyagi_07_EW	0.367	117.11	JP_2004_27OCT_01_NS	0.718	297.82	JP_2011_15MAR_NS	0.873	828.98	JP_2003_Miyagi_07_EW	0.265	83.12	JP_2004_27OCT_01_EW	0.445	141.80	JP_2012_25AGO_NS	0.295	163.70
	11	JP_2000_Tottori_03_EW	0.776	142.68	JP_2004_27OCT_01_EW	1.102	315.20	JP_2011_19MAR_02_NS	0.855	202.14	JP_2003_Miyagi_09_NS	0.250	84.69	JP_2004_27OCT_01_NS	0.303	142.89	JP_2016_Kumamoto_01_EW	0.250	239.12
	12	JP_2000_Tottori_03_NS	0.517	160.22	JP_2004_Chuetso_05_NS	0.309	338.10	JP_2013_13APR_NS	0.868	215.11	JP_2008_Iwate_04_EW	0.280	94.76	CH_2012_GO05_NS	1.000	144.86	JP_2016_Kumamoto_05_EW	0.363	166.29
	13	JP_2004_14DEC_NS	0.341	171.08	CH_2014_Iquique_02_NS	2.565	348.99	JP_2016_28DEC_EW	0.393	65.27	JP_2003_Miyagi_07_NS	0.250	99.90	US_1987_WhittierNarrows_01_270	0.340	146.89	JP_2016_Kumamoto_06_NS	0.250	212.42
	14	JP_2003_Miyagi_09_NS	0.412	200.96	JP_2004_Chuetso_07_EW	0.525	349.13	JP_2016_Kumamoto_01_NS	0.472	602.60	JP_2011_19MAR_02_NS	0.468	103.04	JP_2000_Tottori_04_EW	0.393	149.35	PE_2012_14MAY_EW	0.693	171.95
	15	JP_2011_19MAR_02_NS	0.855	202.14	CH_2012_GO05_EW	1.646	358.17	JP_2016_Kumamoto_03_NS	0.791	558.48	JP_2013_13APR_NS	0.460	106.47	CH_2014_Iquique_02_NS	0.940	150.28	TW_1999_ChiChi_04_360	0.250	222.14
	16	JP_2008_Iwate_04_NS	0.485	213.91	JP_2004_27OCT_03_EW	0.867	362.29	JP_2021_Miyagi_02_EW	0.798	290.69	JP_2013_13APR_EW	0.355	109.90	JP_2000_Tottori_04_NS	0.250	152.18	TW_1999_ChiChi_07_360	0.250	227.80
	17	JP_2003_Miyagi_02_EW	0.533	214.29	JP_2004_Chuetso_07_NS	0.692	362.74	PE_2012_14MAY_EW	1.856	323.24	JP_2003_Miyagi_02_EW	0.288	111.70	JP_2000_Tottori_01_EW	0.250	153.01	US_1989_Loma Prieta_01_90	0.250	209.71
	18	JP_1997_Kagoshima_NS	0.524	214.47	JP_2004_14DEC_EW	0.325	364.48	TW_1999_ChiChi_04_360	1.104	771.43	JP_2011_19MAR_02_EW	0.310	115.20	US_1994_Northridge_01_360	0.273	154.26	US_1989_Loma Prieta_06_0	0.265	174.34
	19	JP_2013_13APR_NS	0.868	215.11	JP_2013_25FEB_EW	0.397	375.55	US_1987_WhittierNarrows_01_360	1.022	442.46	JP_2004_14DEC_NS	0.250	130.11	CH_2014_Iquique_02_EW	0.760	154.60	US_1992_Big Bear_270	0.250	181.90
	20	JP_2000_Tottori_01_NS	0.416	236.34	US_1994_Northridge_01_90	1.195	382.81	US_1992_Big Bear_270	0.841	547.15	JP_2011_19MAR_01_NS	0.250	133.29	US_1987_WhittierNarrows_01_360	0.303	158.66	US_1994_Northridge_01_360	0.273	154.26

REGISTROS SELECCIONADOS CASO Ymr-I T=0.08s - TSemc-tr-975																			
Caso:		TSemc-tr-975_NSp_Sbs			TSemc-tr-975_NSp_Sci			TSemc-tr-975_NSp_Ssr			TSemc-tr-975_NSr_Sbs			TSemc-tr-975_NSr_Sci			TSemc-tr-975_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2011_19MAR_01_EW	0.475	45.92	JP_2011_19MAR_02_NS	1.095	170.04	JP_2000_Tottori_02_NS	0.828	626.12	JP_2003_Miyagi_08_EW	0.303	36.74	JP_2003_Miyagi_09_EW	0.265	75.05	CH_2012_GO05_EW	0.250	149.32
	2	JP_2003_Miyagi_08_EW	0.382	47.97	JP_2003_Miyagi_02_EW	0.684	211.62	JP_2004_14DEC_NS	0.437	183.11	JP_2003_Miyagi_07_NS	0.265	44.34	JP_2011_19MAR_02_NS	0.408	77.35	CH_2014_Iquique_02_EW	0.340	141.70
	3	JP_2003_Miyagi_08_NS	0.345	54.32	JP_2011_19MAR_02_EW	0.857	216.07	JP_2004_27OCT_01_NS	0.921	275.02	JP_2011_19MAR_01_EW	0.453	45.12	JP_2011_19MAR_02_EW	0.250	77.75	JP_1997_Kagoshima_NS	0.250	160.36
	4	JP_2016_28DEC_EW	0.504	55.90	JP_2000_Tottori_01_NS	0.533	229.59	JP_2004_29NOV_01_EW	1.212	435.95	JP_2003_Miyagi_08_NS	0.280	48.99	JP_2003_Miyagi_02_EW	0.250	106.79	JP_2000_Tottori_02_NS	0.250	201.91
	5	JP_2003_Miyagi_07_NS	0.322	56.36	JP_2021_Miyagi_02_EW	1.023	241.09	JP_2004_Chuetso_04_NS	0.258	294.42	JP_2016_28DEC_EW	0.505	55.95	JP_2000_Tottori_04_EW	0.310	112.01	JP_2000_Tottori_04_NS	0.250	112.35
	6	JP_2016_28DEC_NS	0.681	81.15	US_1987_WhittierNarrows_01_270	0.902	267.02	JP_2004_Chuetso_06_NS	0.637	639.29	JP_2000_Tottori_03_EW	0.558	58.40	JP_2000_Tottori_04_NS	0.250	112.35	JP_2004_27OCT_01_EW	0.400	122.00
	7	JP_2003_Miyagi_09_EW	0.347	84.90	JP_2004_27OCT_01_NS	0.921	275.02	JP_2008_Iwate_02_NS	0.505	540.76	JP_2000_Tottori_03_NS	0.325	58.61	JP_2004_27OCT_01_NS	0.250	121.41	JP_2009_Shizuoca_01_EW	0.250	163.20
	8	JP_2003_Miyagi_02_NS	0.472	92.54	CH_2012_GO05_NS	2.840	275.16	JP_2009_Shizuoca_01_EW	1.165	526.87	JP_2003_Miyagi_09_NS	0.250	63.22	JP_2004_27OCT_01_EW	0.400	122.00	JP_2009_Shizuoca_03_EW	0.250	149.32
	9	JP_2003_Miyagi_07_EW	0.470	93.59	JP_2000_Tottori_05_EW	0.719	279.02	JP_2011_12APR_EW	1.319	558.31	JP_2013_13APR_EW	0.378	70.18	JP_2012_25AGO_EW	0.250	122.48	JP_2009_Shizuoca_03_NS	0.250	132.52
	10	JP_2008_Iwate_04_EW	0.362	108.61	JP_2004_Chuetso_04_NS	0.258	294.42	JP_2016_14APR_NS	1.130	332.65	JP_2003_Miyagi_02_NS	0.378	70.51	JP_2000_Tottori_05_EW	0.250	123.49	JP_2012_25AGO_NS	0.250	113.92
	11	JP_2000_Tottori_03_EW	0.995	112.71	JP_2004_27OCT_01_EW	1.412	303.42	JP_2016_28DEC_EW	0.504	55.90	JP_2003_Miyagi_07_EW	0.250	73.66	JP_2004_29NOV_01_EW	0.250	123.69	JP_2016_Kumamoto_01_EW	0.250	237.32

	1 2	JP_2000_Tottori_03_NS	0.66 3	126.10	JP_2000_Tottori_01_EW	0.62 5	307.88	JP_2016_28DEC_NS	0.68 1	81.15	JP_2016_28DEC_NS	0.59 5	74.13	CH_2014_Iquique_02_NS	0.52 0	129.10	JP_2016_Kumamoto_06_NS	0.25 0	209.90
	1 3	JP_2003_Miyagi_09_NS	0.52 8	168.38	JP_2004_27OCT_03_EW	1.11 1	345.18	JP_2016_Kumamoto_01_NS	0.60 5	608.85	JP_2003_Miyagi_09_EW	0.26 5	75.05	CH_2012_GO05_NS	0.64 0	130.71	PE_2012_14MAY_EW	0.33 3	136.05
	1 4	JP_2011_19MAR_02_NS	1.09 5	170.04	CH_2014_Iquique_02_NS	3.28 8	350.34	JP_2016_Kumamoto_05_NS	0.84 7	681.03	JP_2011_19MAR_02_NS	0.40 8	77.35	US_1987_WhittierNarrows_01_270	0.25 0	131.19	TW_1999_ChiChi_04_360	0.25 0	219.32
	1 5	JP_2004_14DEC_NS	0.43 7	183.11	JP_2000_Tottori_02_EW	0.65 3	355.27	JP_2016_Kumamoto_06_EW	1.63 2	945.53	JP_2011_19MAR_02_EW	0.25 0	77.75	US_1987_WhittierNarrows_01_360	0.25 0	131.65	TW_1999_ChiChi_07_360	0.25 0	216.91
	1 6	JP_2013_13APR_NS	1.11 3	186.76	CH_2012_GO05_EW	2.11 0	358.09	JP_2016_Kumamoto_06_NS	1.34 5	808.02	JP_2013_13APR_NS	0.38 5	78.49	JP_2009_Shizuoca_03_NS	0.25 0	132.52	US_1987_WhittierNarrows_01_360	0.25 0	131.65
	1 7	JP_2003_Miyagi_02_EW	0.68 4	211.62	JP_2013_25FEB_EW	0.50 9	365.56	JP_2018_Hokkaido_05_EW	0.96 0	1092.62	JP_2003_Miyagi_02_EW	0.25 0	106.79	JP_2000_Tottori_01_NS	0.25 0	132.75	US_1989_Loma Prieta_01_90	0.25 0	194.60
	1 8	JP_2011_19MAR_02_EW	0.85 7	216.07	JP_2004_14DEC_EW	0.41 7	376.42	PE_2012_14MAY_EW	2.37 9	291.46	JP_2008_Iwate_04_EW	0.36 3	108.66	JP_2004_29NOV_01_NS	0.33 3	133.29	US_1989_Loma Prieta_06_0	0.25 0	157.85
	1 9	JP_1997_Kagoshima_NS	0.67 2	216.46	JP_2004_Chuetzu_07_EW	0.67 3	378.24	TW_1999_ChiChi_07_360	1.48 5	870.23	JP_2021_Miyagi_02_EW	0.35 5	108.83	JP_2004_27OCT_03_EW	0.25 0	133.42	US_1992_Big Bear_270	0.25 0	149.28
	2 0	JP_2013_13APR_EW	0.99 7	217.54	JP_2004_Chuetzu_05_NS	0.39 7	380.35	US_1989_Loma Prieta_04_0	1.06 1	809.37	JP_2000_Tottori_04_EW	0.31 0	112.01	JP_2004_14DEC_NS	0.25 0	134.70	US_1994_Northridge_01_360	0.25 0	141.77
MAP E	1	JP_2011_19MAR_01_EW	0.47 5	224.90	JP_2011_19MAR_02_NS	1.09 5	879.23	JP_2000_Tottori_02_NS	0.82 8	3529.39	JP_2011_19MAR_01_EW	0.25 0	100.80	JP_2000_Tottori_04_EW	0.25 0	210.21	CH_2012_GO05_EW	0.25 0	513.34
	2	JP_2016_28DEC_EW	0.50 4	311.46	JP_2011_19MAR_02_EW	0.85 7	896.30	JP_2004_14DEC_NS	0.43 7	1792.56	JP_2016_28DEC_EW	0.25 0	133.27	JP_2004_27OCT_01_EW	0.25 0	213.78	CH_2014_Iquique_02_EW	0.25 0	493.06
	3	JP_2003_Miyagi_07_NS	0.32 2	323.11	JP_2021_Miyagi_02_EW	1.02 3	912.65	JP_2004_27OCT_01_NS	0.92 1	1319.50	JP_2011_19MAR_02_NS	0.25 0	168.16	JP_2011_19MAR_02_EW	0.25 0	214.09	JP_1997_Kagoshima_NS	0.25 0	1037.57
	4	JP_2003_Miyagi_08_EW	0.38 2	375.97	JP_2003_Miyagi_02_EW	0.68 4	988.66	JP_2004_29NOV_01_EW	1.21 2	2145.35	JP_2021_Miyagi_02_EW	0.25 0	182.02	JP_2012_25AGO_EW	0.25 0	218.20	JP_2000_Tottori_04_NS	0.25 0	425.02
	5	JP_2003_Miyagi_09_EW	0.34 7	429.70	JP_2004_27OCT_01_NS	0.92 1	1319.50	JP_2004_Chuetzu_04_NS	0.25 8	1621.87	PE_2012_14MAY_NS	0.25 0	188.34	JP_2003_Miyagi_02_NS	0.25 0	247.43	JP_2004_27OCT_01_EW	0.25 0	213.78
	6	JP_2003_Miyagi_08_NS	0.34 5	513.18	JP_2009_Shizuoca_03_NS	0.94 4	1405.65	JP_2004_Chuetzu_06_NS	0.63 7	6347.38	JP_2016_28DEC_NS	0.25 0	199.16	JP_2003_Miyagi_09_EW	0.25 0	292.87	JP_2004_Chuetzu_04_EW	0.25 0	992.85
	7	JP_2003_Miyagi_02_NS	0.47 2	514.73	JP_2004_27OCT_01_EW	1.41 2	1426.62	JP_2008_Iwate_02_NS	0.50 5	2216.57	JP_2011_19MAR_01_NS	0.25 0	208.99	JP_2003_Miyagi_07_EW	0.25 0	310.80	JP_2009_Shizuoca_01_EW	0.25 0	360.19
	8	JP_2016_28DEC_NS	0.68 1	613.71	JP_2004_Chuetzu_04_NS	0.25 8	1621.87	JP_2009_Shizuoca_01_EW	1.16 5	1890.67	CH_2012_GO05_NS	0.25 0	209.72	JP_2004_27OCT_01_NS	0.25 0	317.25	JP_2009_Shizuoca_03_EW	0.25 0	568.35
	9	JP_2003_Miyagi_07_EW	0.47 0	634.96	JP_2021_Miyagi_02_NS	0.76 7	1693.36	JP_2011_12APR_EW	1.31 9	3455.68	JP_2000_Tottori_04_EW	0.25 0	210.21	JP_2003_Miyagi_02_EW	0.25 0	323.31	JP_2009_Shizuoca_03_NS	0.25 0	325.28
	1 0	JP_2003_Miyagi_09_NS	0.52 8	671.39	JP_2000_Tottori_05_EW	0.71 9	1751.66	JP_2016_14APR_NS	1.13 0	2049.02	JP_2004_27OCT_01_EW	0.25 0	213.78	JP_2009_Shizuoca_03_NS	0.25 0	325.28	JP_2011_19MAR_01_EW	0.25 0	100.80
	1 1	JP_2000_Tottori_03_NS	0.66 3	798.46	JP_2009_Shizuoca_01_EW	1.16 5	1890.67	JP_2016_28DEC_EW	0.50 4	311.46	JP_2011_19MAR_02_EW	0.25 0	214.09	JP_2016_14APR_EW	0.25 0	355.69	JP_2012_25AGO_NS	0.25 0	416.08
	1 2	JP_2011_19MAR_01_NS	0.81 9	827.24	JP_2008_Iwate_02_NS	0.50 5	2216.57	JP_2016_28DEC_NS	0.68 1	613.71	JP_2012_25AGO_EW	0.25 0	218.20	JP_2009_Shizuoca_01_EW	0.25 0	360.19	JP_2016_Kumamoto_01_EW	0.25 0	3154.13
	1 3	JP_2011_19MAR_02_NS	1.09 5	879.23	JP_2013_25FEB_EW	0.50 9	2222.42	JP_2016_Kumamoto_01_NS	0.60 5	7297.45	JP_2013_13APR_NS	0.25 0	229.62	JP_2004_29NOV_01_NS	0.25 0	381.52	JP_2016_Kumamoto_06_NS	0.25 0	2998.65
	1 4	JP_2011_19MAR_02_EW	0.85 7	896.30	JP_2004_Chuetzu_04_EW	0.59 7	2464.61	JP_2016_Kumamoto_05_NS	0.84 7	11852.23	JP_2003_Miyagi_08_EW	0.25 0	231.38	JP_2004_29NOV_01_EW	0.25 0	392.79	PE_2012_14MAY_EW	0.25 0	233.54
	1 5	JP_2021_Miyagi_02_EW	1.02 3	912.65	US_1987_WhittierNarrows_01_270	0.90 2	2602.49	JP_2016_Kumamoto_06_EW	1.63 2	14802.62	PE_2012_14MAY_EW	0.25 0	233.54	JP_2011_12APR_NS	0.25 0	399.12	TW_1999_ChiChi_04_360	0.25 0	4069.01
	1 6	JP_2003_Miyagi_02_EW	0.68 4	988.66	JP_2009_Shizuoca_01_NS	1.35 2	2626.91	JP_2016_Kumamoto_06_NS	1.34 5	16371.20	JP_2003_Miyagi_07_NS	0.25 0	238.65	JP_2016_14APR_NS	0.25 0	414.13	TW_1999_ChiChi_07_360	0.25 0	2124.35
	1 7	JP_2000_Tottori_03_EW	0.99 5	1123.27	JP_2004_27OCT_03_EW	1.11 1	2659.81	JP_2018_Hokkaido_05_EW	0.96 0	15305.54	CH_2014_Iquique_02_NS	0.25 0	244.90	JP_2012_25AGO_NS	0.25 0	416.08	US_1987_WhittierNarrows_01_360	0.25 0	580.57
	1 8	JP_2013_13APR_NS	1.11 3	1166.06	US_1992_Big Bear_360	1.05 5	2666.17	PE_2012_14MAY_EW	2.37 9	2547.79	JP_2003_Miyagi_02_NS	0.25 0	247.43	JP_2000_Tottori_04_NS	0.25 0	425.02	US_1989_Loma Prieta_01_90	0.25 0	1228.53
	1 9	JP_2013_13APR_EW	0.99 7	1232.43	JP_2000_Tottori_01_EW	0.62 5	2670.68	TW_1999_ChiChi_07_360	1.48 5	12869.60	JP_2000_Tottori_03_EW	0.25 0	267.29	JP_2009_Shizuoca_01_NS	0.25 0	439.23	US_1992_Big Bear_270	0.25 0	651.55
	2 0	JP_2004_27OCT_01_NS	0.92 1	1319.50	CH_2012_GO05_NS	2.84 0	2686.09	US_1989_Loma Prieta_04_0	1.06 1	7653.59	JP_2000_Tottori_03_NS	0.25 0	269.54	JP_2004_27OCT_03_EW	0.25 0	554.97	US_1994_Northridge_01_360	0.25 0	1310.51
MSE	1	JP_2011_19MAR_01_EW	0.47 5	3866.81	JP_2011_19MAR_02_NS	1.09 5	70067.95	JP_2000_Tottori_02_NS	0.82 8	775855.69	JP_2011_19MAR_01_EW	0.46 0	3765.86	JP_2016_28DEC_NS	0.55 0	10263.86	CH_2012_GO05_NS	1.27 3	35007.00
	2	JP_2003_Miyagi_08_EW	0.38 2	6633.09	JP_2003_Miyagi_02_EW	0.68 4	78793.99	JP_2004_14DEC_NS	0.43 7	50155.90	JP_2003_Miyagi_08_EW	0.32 5	3773.62	JP_2011_19MAR_02_NS	0.59 5	18068.23	JP_2000_Tottori_02_NS	0.25 0	72412.70
	3	JP_2003_Miyagi_08_NS	0.34 5	6979.73	JP_2000_Tottori_01_NS	0.53 3	95205.00	JP_2004_27OCT_01_NS	0.92 1	150198.78	JP_2003_Miyagi_08_NS	0.31 0	6036.99	JP_2003_Miyagi_02_EW	0.35 5	21244.86	JP_2000_Tottori_04_NS	0.28 0	37511.92
	4	JP_2016_28DEC_EW	0.50 4	7335.05	US_1987_WhittierNarrows_01_270	0.90 2	106310.46	JP_2004_29NOV_01_EW	1.21 2	402604.15	JP_2016_28DEC_EW	0.49 8	7333.26	JP_2011_19MAR_02_EW	0.38 5	22419.68	JP_2004_27OCT_01_EW	0.55 8	33565.40
	5	JP_2003_Miyagi_09_EW	0.34 7	11069.65	CH_2012_GO05_NS	2.84 0	121297.54	JP_2004_Chuetzu_04_NS	0.25 8	196703.61	JP_2003_Miyagi_07_NS	0.25 0	7876.91	JP_2004_14DEC_NS	0.27 3	26716.86	JP_2004_29NOV_01_EW	0.31 8	44455.30
	6	JP_2008_Iwate_04_EW	0.36 2	14623.90	JP_2011_19MAR_02_EW	0.85 7	123789.05	JP_2004_Chuetzu_06_NS	0.63 7	648754.99	JP_2003_Miyagi_02_NS	0.36 3	7933.05	JP_2000_Tottori_05_EW	0.31 0	30298.55	JP_2004_Chuetzu_04_EW	0.25 0	74488.91
	7	JP_2016_28DEC_NS	0.68 1	14651.24	JP_2000_Tottori_05_EW	0.71 9	137678.36	JP_2008_Iwate_02_NS	0.50 5	620587.19	JP_2003_Miyagi_09_EW	0.31 0	9874.97	JP_2000_Tottori_01_NS	0.25 8	30585.37	JP_2009_Shizuoca_01_EW	0.25 0	61711.48
	8	JP_2003_Miyagi_02_NS	0.47 2	15288.20	JP_2021_Miyagi_02_EW	1.02 3	143234.26	JP_2009_Shizuoca_01_EW	1.16 5	699499.41	JP_2000_Tottori_03_EW	0.64 0	9979.76	JP_2004_27OCT_01_EW	0.55 8	33565.40	JP_2009_Shizuoca_03_EW	0.37 0	51177.62
	9	JP_2003_Miyagi_07_NS	0.32 2	17755.18	JP_2000_Tottori_01_EW	0.62 5	145658.69	JP_2011_12APR_EW	1.31 9	622749.03	JP_2016_28DEC_NS	0.55 0	10263.86	JP_2004_27OCT_01_NS	0.37 8	34142.98	JP_2009_Shizuoca_03_NS	0.25 8	43984.43
	1 0	JP_2003_Miyagi_07_EW	0.47 0	24119.26	JP_2004_27OCT_01_NS	0.92 1	150198.78	JP_2016_14APR_NS	1.13 0	259212.51	JP_2000_Tottori_03_NS	0.40 0	11066.09	CH_2012_GO05_NS	1.27 3	35007.00	JP_2016_Kumamoto_01_EW	0.25 0	73192.21

	11	JP_2000_Tottori_03_EW	0.995	35335.30	JP_2004_27OCT_01_EW	1.412	167807.16	JP_2016_28DEC_EW	0.504	7335.05	JP_2003_Miyagi_09_NS	0.288	11244.03	US_1987_WhittierNarrows_01_270	0.423	35965.60	JP_2016_Kumamoto_05_EW	0.453	45534.48
	12	JP_2000_Tottori_03_NS	0.663	44301.92	JP_2004_Chuetstu_05_NS	0.397	192620.47	JP_2016_28DEC_NS	0.681	14651.24	JP_2003_Miyagi_07_EW	0.340	11904.04	JP_2000_Tottori_01_EW	0.258	36401.14	JP_2016_Kumamoto_06_EW	0.250	66365.29
	13	JP_2004_14DEC_NS	0.437	50155.90	JP_2004_Chuetstu_04_NS	0.258	196703.61	JP_2016_Kumamoto_01_NS	0.605	603474.94	JP_2008_Iwate_04_EW	0.355	14595.22	JP_2000_Tottori_04_EW	0.490	37214.01	JP_2016_Kumamoto_06_NS	0.250	67301.61
	14	JP_2003_Miyagi_09_NS	0.528	68887.85	JP_2004_Chuetstu_07_EW	0.673	204808.29	JP_2016_Kumamoto_05_NS	0.847	682318.47	JP_2011_19MAR_02_NS	0.595	18068.23	JP_2000_Tottori_04_NS	0.280	37511.92	PE_2012_14MAY_EW	0.865	48738.36
	15	JP_2011_19MAR_02_NS	1.095	70067.95	CH_2014_Iquique_02_NS	3.288	205364.83	JP_2016_Kumamoto_06_EW	1.632	1219277.53	JP_2013_13APR_NS	0.580	19352.88	CH_2014_Iquique_02_NS	1.182	37641.76	TW_1999_ChiChi_04_360	0.250	72460.65
	16	JP_2008_Iwate_04_NS	0.622	76904.35	CH_2012_GO05_EW	2.110	215067.94	JP_2016_Kumamoto_06_NS	1.345	862288.42	JP_2013_13APR_EW	0.445	20464.84	US_1994_Northridge_01_360	0.340	39489.15	TW_1999_ChiChi_07_360	0.250	75894.99
	17	JP_1997_Kagoshima_NS	0.672	77054.60	JP_2004_Chuetstu_07_NS	0.887	220978.78	JP_2018_Hokkaido_05_EW	0.960	1811344.26	JP_2003_Miyagi_02_EW	0.355	21244.86	CH_2014_Iquique_02_EW	0.948	39595.11	US_1989_Loma Prieta_01_90	0.250	66837.58
	18	JP_2003_Miyagi_02_EW	0.684	78793.99	JP_2004_27OCT_03_EW	1.111	221133.78	PE_2012_14MAY_EW	2.379	175787.71	JP_2011_19MAR_02_EW	0.385	22419.68	US_1987_WhittierNarrows_01_360	0.385	41777.10	US_1989_Loma Prieta_06_0	0.333	50034.16
	19	JP_2013_13APR_NS	1.113	79352.11	JP_2004_14DEC_EW	0.417	223367.27	TW_1999_ChiChi_07_360	1.485	1086779.92	JP_2004_14DEC_NS	0.273	26716.86	JP_2004_27OCT_03_EW	0.378	42594.56	US_1992_Big Bear_270	0.250	51525.98
	20	JP_2000_Tottori_01_NS	0.533	95205.00	JP_2013_25FEB_EW	0.509	237311.77	US_1989_Loma Prieta_04_0	1.061	1021845.61	JP_2011_19MAR_01_NS	0.318	29811.72	JP_2004_Chuetstu_07_NS	0.303	42881.91	US_1994_Northridge_01_360	0.340	39489.15
RMS E	1	JP_2011_19MAR_01_EW	0.475	62.18	JP_2011_19MAR_02_NS	1.095	264.70	JP_2000_Tottori_02_NS	0.828	880.83	JP_2011_19MAR_01_EW	0.460	61.37	JP_2016_28DEC_NS	0.550	101.31	CH_2012_GO05_NS	1.273	187.10
	2	JP_2003_Miyagi_08_EW	0.382	81.44	JP_2003_Miyagi_02_EW	0.684	280.70	JP_2004_14DEC_NS	0.437	223.96	JP_2003_Miyagi_08_EW	0.325	61.43	JP_2011_19MAR_02_NS	0.595	134.42	JP_2000_Tottori_02_NS	0.250	269.10
	3	JP_2003_Miyagi_08_NS	0.345	83.54	JP_2000_Tottori_01_NS	0.533	308.55	JP_2004_27OCT_01_NS	0.921	387.55	JP_2003_Miyagi_08_NS	0.310	77.70	JP_2003_Miyagi_02_EW	0.355	145.76	JP_2000_Tottori_04_NS	0.280	193.68
	4	JP_2016_28DEC_EW	0.504	85.64	US_1987_WhittierNarrows_01_270	0.902	326.05	JP_2004_29NOV_01_EW	1.212	634.51	JP_2016_28DEC_EW	0.498	85.63	JP_2011_19MAR_02_EW	0.385	149.73	JP_2004_27OCT_01_EW	0.558	183.21
	5	JP_2003_Miyagi_09_EW	0.347	105.21	CH_2012_GO05_NS	2.840	348.28	JP_2004_Chuetstu_04_NS	0.258	443.51	JP_2003_Miyagi_07_NS	0.250	88.75	JP_2004_14DEC_NS	0.273	163.45	JP_2004_29NOV_01_EW	0.318	210.84
	6	JP_2008_Iwate_04_EW	0.362	120.93	JP_2011_19MAR_02_EW	0.857	351.84	JP_2004_Chuetstu_06_NS	0.637	805.45	JP_2003_Miyagi_02_NS	0.363	89.07	JP_2000_Tottori_05_EW	0.310	174.06	JP_2004_Chuetstu_04_EW	0.250	272.93
	7	JP_2016_28DEC_NS	0.681	121.04	JP_2000_Tottori_05_EW	0.719	371.05	JP_2008_Iwate_02_NS	0.505	787.77	JP_2003_Miyagi_09_EW	0.310	99.37	JP_2000_Tottori_01_NS	0.258	174.89	JP_2009_Shizuoca_01_EW	0.250	248.42
	8	JP_2003_Miyagi_02_NS	0.472	123.65	JP_2021_Miyagi_02_EW	1.023	378.46	JP_2009_Shizuoca_01_EW	1.165	836.36	JP_2000_Tottori_03_EW	0.640	99.90	JP_2004_27OCT_01_EW	0.558	183.21	JP_2009_Shizuoca_03_EW	0.370	226.22
	9	JP_2003_Miyagi_07_NS	0.322	133.25	JP_2000_Tottori_01_EW	0.625	381.65	JP_2011_12APR_EW	1.319	789.14	JP_2016_28DEC_NS	0.550	101.31	JP_2004_27OCT_01_NS	0.378	184.78	JP_2009_Shizuoca_03_NS	0.258	209.72
	10	JP_2003_Miyagi_07_EW	0.470	155.30	JP_2004_27OCT_01_NS	0.921	387.55	JP_2016_14APR_NS	1.130	509.13	JP_2000_Tottori_03_NS	0.400	105.20	CH_2012_GO05_NS	1.273	187.10	JP_2016_Kumamoto_01_EW	0.250	270.54
	11	JP_2000_Tottori_03_EW	0.995	187.98	JP_2004_27OCT_01_EW	1.412	409.64	JP_2016_28DEC_EW	0.504	85.64	JP_2003_Miyagi_09_NS	0.288	106.04	US_1987_WhittierNarrows_01_270	0.423	189.65	JP_2016_Kumamoto_05_EW	0.453	213.39
	12	JP_2000_Tottori_03_NS	0.663	210.48	JP_2004_Chuetstu_05_NS	0.397	438.89	JP_2016_28DEC_NS	0.681	121.04	JP_2003_Miyagi_07_EW	0.340	109.11	JP_2000_Tottori_01_EW	0.258	190.79	JP_2016_Kumamoto_06_EW	0.250	257.61
	13	JP_2004_14DEC_NS	0.437	223.96	JP_2004_Chuetstu_04_NS	0.258	443.51	JP_2016_Kumamoto_01_NS	0.605	776.84	JP_2008_Iwate_04_EW	0.355	120.81	JP_2000_Tottori_04_EW	0.490	192.91	JP_2016_Kumamoto_06_NS	0.250	259.43
	14	JP_2003_Miyagi_09_NS	0.528	262.46	JP_2004_Chuetstu_07_EW	0.673	452.56	JP_2016_Kumamoto_05_NS	0.847	826.03	JP_2011_19MAR_02_NS	0.595	134.42	JP_2000_Tottori_04_NS	0.280	193.68	PE_2012_14MAY_EW	0.865	220.77
	15	JP_2011_19MAR_02_NS	1.095	264.70	CH_2014_Iquique_02_NS	3.288	453.17	JP_2016_Kumamoto_06_EW	1.632	1104.21	JP_2013_13APR_NS	0.580	139.11	CH_2014_Iquique_02_NS	1.182	194.01	TW_1999_ChiChi_04_360	0.250	269.19
	16	JP_2008_Iwate_04_NS	0.622	277.32	CH_2012_GO05_EW	2.110	463.75	JP_2016_Kumamoto_06_NS	1.345	928.59	JP_2013_13APR_EW	0.445	143.06	US_1994_Northridge_01_360	0.340	198.72	TW_1999_ChiChi_07_360	0.250	275.49
	17	JP_1997_Kagoshima_NS	0.672	277.59	JP_2004_Chuetstu_07_NS	0.887	470.08	JP_2018_Hokkaido_05_EW	0.960	1345.86	JP_2003_Miyagi_02_EW	0.355	145.76	CH_2014_Iquique_02_EW	0.948	198.99	US_1989_Loma Prieta_01_90	0.250	258.53
	18	JP_2003_Miyagi_02_EW	0.684	280.70	JP_2004_27OCT_03_EW	1.111	470.25	PE_2012_14MAY_EW	2.379	419.27	JP_2011_19MAR_02_EW	0.385	149.73	US_1987_WhittierNarrows_01_360	0.385	204.39	US_1989_Loma Prieta_06_0	0.333	223.68
	19	JP_2013_13APR_NS	1.113	281.70	JP_2004_14DEC_EW	0.417	472.62	TW_1999_ChiChi_07_360	1.485	1042.49	JP_2004_14DEC_NS	0.273	163.45	JP_2004_27OCT_03_EW	0.378	206.38	US_1992_Big Bear_270	0.250	226.99
	20	JP_2000_Tottori_01_NS	0.533	308.55	JP_2013_25FEB_EW	0.509	487.15	US_1989_Loma Prieta_04_0	1.061	1010.86	JP_2011_19MAR_01_NS	0.318	172.66	JP_2004_Chuetstu_07_NS	0.303	207.08	US_1994_Northridge_01_360	0.340	198.72

REGISTROS SELECCIONADOS CASO Ymr-I T=0.08s - TSemc-tr-2475																			
Caso:		TSemc-tr-2475_NSp_Sbs			TSemc-tr-2475_NSp_Sci			TSemc-tr-2475_NSp_Ssr			TSemc-tr-2475_NSr_Sbs			TSemc-tr-2475_NSr_Sci			TSemc-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2011_19MAR_01_EW	0.620	62.89	JP_2011_19MAR_02_NS	1.429	227.45	JP_2003_Miyagi_07_EW	0.613	128.40	JP_2003_Miyagi_08_EW	0.378	47.69	JP_2003_Miyagi_07_EW	0.318	98.12	CH_2012_GO05_EW	0.295	191.96
	2	JP_2003_Miyagi_08_EW	0.498	65.98	JP_2003_Miyagi_02_EW	0.892	282.61	JP_2004_27OCT_01_EW	1.842	401.43	JP_2003_Miyagi_07_NS	0.325	58.64	JP_2011_19MAR_02_NS	0.520	102.74	CH_2014_Iquique_02_EW	0.400	182.86
	3	JP_2003_Miyagi_08_NS	0.450	74.55	JP_2011_19MAR_02_EW	1.118	288.42	JP_2004_Chuetstu_04_EW	0.778	605.81	JP_2011_19MAR_01_EW	0.580	60.86	JP_2011_19MAR_02_EW	0.310	103.25	JP_1997_Kagoshima_NS	0.250	201.46

	4	JP_2016_28DEC_EW	0.65 8	75.68	JP_2000_Tottori_01_NS	0.69 6	305.26	JP_2004_Chuetsu_06_NS	0.83 0	840.44	JP_2003_Miyagi_08_NS	0.34 0	63.67	JP_2000_Tottori_04_NS	0.25 0	134.78	JP_2000_Tottori_02_NS	0.25 0	227.41
	5	JP_2003_Miyagi_07_NS	0.42 0	80.10	JP_2021_Miyagi_02_EW	1.33 4	320.13	JP_2004_Chuetsu_07_NS	1.15 7	525.88	JP_2016_28DEC_EW	0.65 5	75.75	JP_2003_Miyagi_02_EW	0.26 5	139.16	JP_2000_Tottori_04_NS	0.25 0	134.78
	6	JP_2016_28DEC_NS	0.88 8	108.62	US_1987_WhittierNarrows_01_270	1.17 7	353.47	JP_2007_Noto_02_NS	1.76 1	941.50	JP_2000_Tottori_03_EW	0.71 5	78.11	JP_2021_Miyagi_02_EW	0.43 8	142.74	JP_2004_27OCT_01_EW	0.49 0	158.95
	7	JP_2003_Miyagi_09_EW	0.45 3	114.51	JP_2004_27OCT_01_NS	1.20 1	364.64	JP_2008_Iwate_02_NS	0.65 9	711.92	JP_2000_Tottori_03_NS	0.40 8	79.30	JP_2000_Tottori_04_EW	0.37 8	146.48	JP_2009_Shizuoca_01_EW	0.25 0	198.61
	8	JP_2003_Miyagi_02_NS	0.61 6	126.63	CH_2012_GO05_NS	3.70 4	365.23	JP_2009_Shizuoca_01_EW	1.51 9	693.33	JP_2003_Miyagi_09_NS	0.30 3	84.62	JP_2004_29NOV_01_EW	0.25 8	155.33	JP_2009_Shizuoca_03_EW	0.25 0	190.42
	9	JP_2003_Miyagi_07_EW	0.61 3	128.40	JP_2000_Tottori_05_EW	0.93 8	370.53	JP_2009_Shizuoca_01_NS	1.76 3	861.59	JP_2003_Miyagi_02_NS	0.49 0	93.70	JP_2000_Tottori_05_EW	0.25 0	156.54	JP_2009_Shizuoca_03_NS	0.25 0	164.52
	10	JP_2008_Iwate_04_EW	0.47 2	141.61	JP_2008_Iwate_02_EW	0.25 7	384.25	JP_2009_Shizuoca_02_EW	1.81 1	761.48	JP_2013_13APR_EW	0.48 3	94.25	JP_2004_27OCT_01_NS	0.25 0	157.60	JP_2012_25AGO_NS	0.25 0	146.27
	11	JP_2000_Tottori_03_EW	1.29 7	153.60	JP_2004_Chuetsu_04_NS	0.33 6	389.47	JP_2011_12APR_EW	1.72 1	734.82	JP_2003_Miyagi_07_EW	0.31 8	98.12	JP_2004_27OCT_01_EW	0.49 0	158.95	JP_2016_Kumamoto_01_EW	0.25 0	269.32
	12	JP_2000_Tottori_03_NS	0.86 4	170.39	JP_2004_27OCT_01_EW	1.84 2	401.43	JP_2016_Kumamoto_05_NS	1.10 5	894.88	JP_2016_28DEC_NS	0.76 8	98.37	JP_2009_Shizuoca_03_NS	0.25 0	164.52	JP_2016_Kumamoto_06_NS	0.25 0	246.10
	13	JP_2003_Miyagi_09_NS	0.68 9	225.55	JP_2000_Tottori_01_EW	0.81 5	407.25	JP_2016_Kumamoto_06_NS	1.75 4	1060.27	JP_2003_Miyagi_09_EW	0.33 3	100.43	JP_2000_Tottori_01_NS	0.25 0	164.75	PE_2012_14MAY_EW	0.40 8	175.96
	14	JP_2011_19MAR_02_NS	1.42 9	227.45	JP_2004_27OCT_03_EW	1.45 0	456.32	JP_2018_Hokkaido_07_NS	0.59 8	1058.03	JP_2011_19MAR_02_NS	0.52 0	102.74	JP_2004_14DEC_NS	0.25 0	166.70	TW_1999_ChiChi_04_360	0.25 0	259.68
	15	JP_2004_14DEC_NS	0.57 0	243.09	JP_2000_Tottori_02_EW	0.85 2	469.72	JP_2018_Osake_NS	1.63 8	696.11	JP_2011_19MAR_02_EW	0.31 0	103.25	CH_2014_Iquique_02_NS	0.63 3	167.55	TW_1999_ChiChi_07_360	0.25 0	258.01
	16	JP_2013_13APR_NS	1.45 1	249.93	CH_2012_GO05_EW	2.75 2	472.51	TW_1999_ChiChi_07_360	1.93 7	1141.41	JP_2013_13APR_NS	0.49 0	104.82	US_1987_WhittierNarrows_01_360	0.25 0	167.95	US_1987_WhittierNarrows_01_360	0.25 0	167.95
	17	JP_2003_Miyagi_02_EW	0.89 2	282.61	JP_2013_25FEB_EW	0.66 5	482.48	TW_1999_ChiChi_10_90	0.90 6	750.40	JP_2000_Tottori_04_NS	0.25 0	134.78	US_1987_WhittierNarrows_01_270	0.25 8	168.04	US_1989_Loma Prieta_01_90	0.25 0	233.19
	18	JP_1997_Kagoshima_NS	0.87 7	284.09	JP_2004_14DEC_EW	0.54 3	496.25	US_1989_Loma Prieta_06_0	1.85 0	833.39	JP_2003_Miyagi_02_EW	0.26 5	139.16	JP_2004_27OCT_03_EW	0.25 0	169.45	US_1989_Loma Prieta_06_0	0.25 0	198.34
	19	JP_2011_19MAR_02_EW	1.11 8	288.42	JP_2004_Chuetsu_07_EW	0.87 8	499.94	US_1989_Loma Prieta_06_90	2.20 8	803.54	JP_2008_Iwate_04_EW	0.46 8	141.74	CH_2012_GO05_NS	0.77 5	169.53	US_1992_Big Bear_270	0.25 0	185.47
	20	JP_2013_13APR_EW	1.30 0	290.33	JP_2007_Noto_01_NS	0.71 6	502.34	US_1992_Petrolia_Aftershock_01_360	1.16 5	858.14	JP_2021_Miyagi_02_EW	0.43 8	142.74	JP_2004_29NOV_01_NS	0.40 8	172.58	US_1994_Northridge_01_360	0.25 0	177.96
MAP E	1	JP_2011_19MAR_01_EW	0.62 0	282.79	JP_2011_19MAR_02_NS	1.42 9	1081.02	JP_2003_Miyagi_07_EW	0.61 3	788.96	JP_2011_19MAR_01_EW	0.25 0	93.56	JP_2000_Tottori_04_EW	0.25 0	195.28	CH_2012_GO05_EW	0.25 0	484.09
	2	JP_2016_28DEC_EW	0.65 8	390.91	JP_2011_19MAR_02_EW	1.11 8	1098.22	JP_2004_27OCT_01_EW	1.84 2	1728.61	JP_2016_28DEC_EW	0.25 0	126.24	JP_2004_27OCT_01_EW	0.25 0	197.19	CH_2014_Iquique_02_EW	0.25 0	466.51
	3	JP_2003_Miyagi_07_NS	0.42 0	409.61	JP_2021_Miyagi_02_EW	1.33 4	1110.48	JP_2004_Chuetsu_04_EW	0.77 8	2995.72	JP_2011_19MAR_02_NS	0.25 0	160.43	JP_2012_25AGO_EW	0.25 0	198.38	JP_1997_Kagoshima_NS	0.25 0	967.50
	4	JP_2003_Miyagi_08_EW	0.49 8	473.53	JP_2003_Miyagi_02_EW	0.89 2	1200.25	JP_2004_Chuetsu_06_NS	0.83 0	7749.64	JP_2021_Miyagi_02_EW	0.25 0	166.65	JP_2011_19MAR_02_EW	0.25 0	201.83	JP_2000_Tottori_04_NS	0.25 0	391.76
	5	JP_2003_Miyagi_09_EW	0.45 3	530.62	JP_2008_Iwate_02_EW	0.25 7	1371.66	JP_2004_Chuetsu_07_NS	1.15 7	6241.40	PE_2012_14MAY_NS	0.25 0	183.01	JP_2003_Miyagi_02_NS	0.25 0	227.16	JP_2004_27OCT_01_EW	0.25 0	197.19
	6	JP_2003_Miyagi_02_NS	0.61 6	632.87	JP_2004_27OCT_01_NS	1.20 1	1603.01	JP_2007_Noto_02_NS	1.76 1	14673.06	JP_2011_19MAR_01_NS	0.25 0	188.41	JP_2003_Miyagi_09_EW	0.25 0	268.91	JP_2004_Chuetsu_04_EW	0.25 0	919.92
	7	JP_2003_Miyagi_08_NS	0.45 0	645.14	JP_2009_Shizuoca_03_NS	1.23 2	1697.03	JP_2008_Iwate_02_NS	0.65 9	2655.85	JP_2016_28DEC_NS	0.25 0	189.01	JP_2003_Miyagi_07_EW	0.25 0	290.81	JP_2009_Shizuoca_01_EW	0.25 0	329.46
	8	JP_2016_28DEC_NS	0.88 8	764.45	JP_2004_27OCT_01_EW	1.84 2	1728.61	JP_2009_Shizuoca_01_EW	1.51 9	2279.41	JP_2000_Tottori_04_EW	0.25 0	195.28	JP_2004_27OCT_01_NS	0.25 0	291.87	JP_2009_Shizuoca_03_EW	0.25 0	528.73
	9	JP_2003_Miyagi_07_EW	0.61 3	788.96	JP_2004_Chuetsu_04_NS	0.33 6	1978.39	JP_2009_Shizuoca_01_NS	1.76 3	3153.83	JP_2004_27OCT_01_EW	0.25 0	197.19	JP_2003_Miyagi_02_EW	0.25 0	295.68	JP_2009_Shizuoca_03_NS	0.25 0	296.75
	10	JP_2003_Miyagi_09_NS	0.68 9	824.88	JP_2021_Miyagi_02_NS	1.00 1	2007.43	JP_2009_Shizuoca_02_EW	1.81 1	8189.04	JP_2012_25AGO_EW	0.25 0	198.38	JP_2009_Shizuoca_03_NS	0.25 0	296.75	JP_2011_19MAR_01_EW	0.25 0	93.56
	11	JP_2011_19MAR_01_NS	1.06 8	994.73	JP_2000_Tottori_05_EW	0.93 8	2138.84	JP_2011_12APR_EW	1.72 1	4207.20	CH_2012_GO05_NS	0.25 0	199.92	JP_2016_14APR_EW	0.25 0	323.91	JP_2012_25AGO_NS	0.25 0	390.84
	12	JP_2000_Tottori_03_NS	0.86 4	996.41	JP_2009_Shizuoca_01_EW	1.51 9	2279.41	JP_2016_Kumamoto_05_NS	1.10 5	14438.19	JP_2011_19MAR_02_EW	0.25 0	201.83	JP_2009_Shizuoca_01_EW	0.25 0	329.46	JP_2016_Kumamoto_01_EW	0.25 0	2968.43
	13	JP_2011_19MAR_02_NS	1.42 9	1081.02	JP_2008_Iwate_02_NS	0.65 9	2655.85	JP_2016_Kumamoto_06_NS	1.75 4	20141.91	PE_2012_14MAY_EW	0.25 0	221.17	JP_2004_29NOV_01_NS	0.25 0	355.43	JP_2016_Kumamoto_06_NS	0.25 0	2826.12
	14	JP_2011_19MAR_02_EW	1.11 8	1098.22	JP_2013_25FEB_EW	0.66 5	2707.95	JP_2018_Hokkaido_07_NS	0.59 8	5836.28	JP_2003_Miyagi_08_EW	0.25 0	221.46	JP_2004_29NOV_01_EW	0.25 0	361.95	PE_2012_14MAY_EW	0.25 0	221.17
	15	JP_2021_Miyagi_02_EW	1.33 4	1110.48	JP_2004_Chuetsu_04_EW	0.77 8	2995.72	JP_2018_Osake_NS	1.63 8	4105.01	JP_2013_13APR_NS	0.25 0	223.66	JP_2011_12APR_NS	0.25 0	371.51	TW_1999_ChiChi_04_360	0.25 0	3854.77
	16	JP_2003_Miyagi_02_EW	0.89 2	1200.25	JP_2009_Shizuoca_01_NS	1.76 3	3153.83	TW_1999_ChiChi_07_360	1.93 7	15650.25	JP_2003_Miyagi_02_NS	0.25 0	227.16	JP_2016_14APR_NS	0.25 0	384.99	TW_1999_ChiChi_07_360	0.25 0	1979.71
	17	JP_2008_Iwate_02_EW	0.25 7	1371.66	US_1987_WhittierNarrows_01_270	1.17 7	3181.01	TW_1999_ChiChi_10_90	0.90 6	7469.27	JP_2003_Miyagi_07_NS	0.25 0	227.46	JP_2012_25AGO_NS	0.25 0	390.84	US_1987_WhittierNarrows_01_360	0.25 0	537.24
	18	JP_2000_Tottori_03_EW	1.29 7	1403.84	US_1992_Big Bear_360	1.37 7	3206.28	US_1989_Loma Prieta_06_0	1.85 0	14265.64	CH_2014_Iquique_02_NS	0.25 0	235.87	JP_2000_Tottori_04_NS	0.25 0	391.76	US_1989_Loma Prieta_01_90	0.25 0	1136.10
	19	JP_2013_13APR_NS	1.45 1	1442.99	JP_2004_27OCT_03_EW	1.45 0	3248.05	US_1989_Loma Prieta_06_90	2.20 8	14740.10	JP_2003_Miyagi_09_NS	0.25 0	257.45	JP_2009_Shizuoca_01_NS	0.25 0	401.07	US_1992_Big Bear_270	0.25 0	604.86
	20	JP_2013_13APR_EW	1.30 0	1528.91	JP_2000_Tottori_01_EW	0.81 5	3268.44	US_1992_Petrolia_Aftershock_01_360	1.16 5	11017.37	JP_2000_Tottori_03_EW	0.25 0	259.37	JP_2011_Fukushima_06_EW	0.25 0	511.99	US_1994_Northridge_01_360	0.25 0	1235.81
MSE	1	JP_2011_19MAR_01_EW	0.62 0	7219.20	JP_2011_19MAR_02_NS	1.42 9	124864.58	JP_2003_Miyagi_07_EW	0.61 3	44056.73	JP_2003_Miyagi_08_EW	0.41 5	6480.00	JP_2011_19MAR_02_NS	0.75 3	31777.95	JP_1997_Kagoshima_EW	0.31 8	83469.33
	2	JP_2003_Miyagi_08_NS	0.45 0	12086.96	JP_2003_Miyagi_02_EW	0.89 2	140262.33	JP_2004_27OCT_01_EW	1.84 2	293853.14	JP_2011_19MAR_01_EW	0.58 8	6847.75	JP_2003_Miyagi_02_EW	0.45 3	37284.53	JP_2000_Tottori_02_NS	0.25 0	101699.07

	3	JP_2003_Miyagi_08_EW	0.49 8	12179.9 2	JP_2000_Tottori_01_NS	0.69 6	168136. 48	JP_2004_Chuetsu_04_EW	0.77 8	751692.5 8	JP_2003_Miyagi_08_NS	0.40 0	10021. 36	JP_2004_14DEC_NS	0.34 8	46078. 33	JP_2000_Tottori_04_NS	0.34 8	64339.1 5
	4	JP_2016_28DEC_EW	0.65 8	13082.7 8	US_1987_WhittierNarrows_01_270	1.17 7	187161. 88	JP_2004_Chuetsu_06_NS	0.83 0	1118722. 85	JP_2016_28DEC_EW	0.64 0	12997. 33	JP_2000_Tottori_05_EW	0.39 3	52143. 28	JP_2004_29NOV_01_EW	0.40 0	75947.1 7
	5	JP_2003_Miyagi_09_EW	0.45 3	20367.3 5	CH_2012_GO05_NS	3.70 4	213228. 25	JP_2004_Chuetsu_07_NS	1.15 7	384530.3 1	JP_2003_Miyagi_07_NS	0.30 3	13601. 60	JP_2000_Tottori_01_NS	0.33 3	52790. 92	JP_2004_Chuetsu_04_EW	0.25 0	99082.0 2
	6	JP_2008_Iwate_04_EW	0.47 2	24581.5 7	JP_2011_19MAR_02_EW	1.11 8	218174. 61	JP_2007_Noto_02_NS	1.76 1	1156297. 35	JP_2003_Miyagi_02_NS	0.46 8	14276. 10	JP_2004_27OCT_01_EW	0.70 8	57742. 33	JP_2009_Shizuoca_01_EW	0.25 8	102050. 98
	7	JP_2016_28DEC_NS	0.88 8	26739.0 5	JP_2000_Tottori_05_EW	0.93 8	241502. 85	JP_2008_Iwate_02_NS	0.65 9	1070969. 53	JP_2003_Miyagi_09_EW	0.39 3	17664. 28	JP_2004_27OCT_01_NS	0.48 3	58836. 69	JP_2009_Shizuoca_01_NS	0.25 0	107502. 29
	8	JP_2003_Miyagi_02_NS	0.61 6	28359.0 1	JP_2021_Miyagi_02_EW	1.33 4	251671. 58	JP_2009_Shizuoca_01_EW	1.51 9	1206260. 74	JP_2000_Tottori_03_EW	0.81 3	17815. 45	JP_2008_Iwate_03_NS	0.25 0	59855. 53	JP_2009_Shizuoca_03_EW	0.46 8	86847.7 4
	9	JP_2003_Miyagi_07_NS	0.42 0	32457.3 3	JP_2000_Tottori_01_EW	0.81 5	255471. 07	JP_2009_Shizuoca_01_NS	1.76 3	1669694. 71	JP_2016_28DEC_NS	0.70 8	18075. 16	CH_2012_GO05_NS	1.60 6	60161. 44	JP_2009_Shizuoca_03_NS	0.32 5	75261.1 6
	10	JP_2003_Miyagi_07_EW	0.61 3	44056.7 3	JP_2004_27OCT_01_NS	1.20 1	263662. 09	JP_2009_Shizuoca_02_EW	1.81 1	845163.8 3	JP_2000_Tottori_03_NS	0.51 3	19662. 82	US_1987_WhittierNarrows_01_270	0.53 5	61790. 16	JP_2016_Kumamoto_01_EW	0.25 0	108211. 96
	11	JP_2000_Tottori_03_EW	1.29 7	63906.4 1	JP_2008_Iwate_02_EW	0.25 7	292884. 78	JP_2011_12APR_EW	1.72 1	1074172. 76	JP_2003_Miyagi_09_NS	0.36 3	19815. 28	JP_2000_Tottori_01_EW	0.32 5	62514. 55	JP_2016_Kumamoto_06_EW	0.26 5	109988. 71
	12	JP_2000_Tottori_03_NS	0.86 4	79601.4 6	JP_2004_27OCT_01_EW	1.84 2	293853. 14	JP_2016_Kumamoto_05_NS	1.10 5	1170874. 14	JP_2003_Miyagi_07_EW	0.43 0	21145. 72	JP_2000_Tottori_04_EW	0.61 8	64058. 18	JP_2016_Kumamoto_06_NS	0.25 0	110533. 07
	13	JP_2004_14DEC_NS	0.57 0	89021.2 4	JP_2004_Chuetsu_05_NS	0.51 7	336369. 30	JP_2016_Kumamoto_06_NS	1.75 4	1482521. 63	JP_2008_Iwate_04_EW	0.45 3	24434. 99	CH_2014_Iquique_02_NS	1.48 5	64642. 30	JP_2018_Hokkaido_03_NS	0.25 0	119926. 16
	14	JP_2003_Miyagi_09_NS	0.68 9	122224. 30	JP_2004_Chuetsu_04_NS	0.33 6	343805. 39	JP_2018_Hokkaido_07_NS	0.59 8	1930117. 63	JP_2011_19MAR_02_NS	0.75 3	31777. 95	JP_1997_Kagoshima_NS	0.46 0	66236. 44	TW_1999_ChiChi_04_360	0.25 0	116902. 69
	15	JP_2011_19MAR_02_NS	1.42 9	124864. 58	JP_2004_Chuetsu_07_EW	0.87 8	356533. 04	JP_2018_Osake_NS	1.63 8	809200.1 0	JP_2013_13APR_NS	0.73 8	34114. 58	US_1994_Northridge_01_360	0.43 0	67506. 41	TW_1999_ChiChi_07_360	0.25 0	121534. 24
	16	JP_1997_Kagoshima_NS	0.87 7	133629. 92	CH_2012_GO05_EW	2.75 2	373468. 27	TW_1999_ChiChi_07_360	1.93 7	1862188. 82	JP_2013_13APR_EW	0.56 5	35881. 42	CH_2014_Iquique_02_EW	1.21 2	67572. 83	US_1989_Loma Prieta_01_0	0.25 0	114620. 03
	17	JP_2008_Iwate_04_NS	0.81 1	133889. 07	JP_2004_Chuetsu_07_NS	1.15 7	384530. 31	TW_1999_ChiChi_10_90	0.90 6	793066.0 6	JP_2003_Miyagi_02_EW	0.45 3	37284. 53	JP_2013_25FEB_EW	0.25 0	70327. 76	US_1989_Loma Prieta_01_90	0.26 5	110811. 49
	18	JP_2003_Miyagi_02_EW	0.89 2	140262. 33	JP_2004_27OCT_03_EW	1.45 0	386057. 33	US_1989_Loma Prieta_06_0	1.85 0	839511.8 4	JP_2011_19MAR_02_EW	0.49 0	39137. 12	US_1987_WhittierNarrows_01_360	0.48 3	71510. 04	US_1989_Loma Prieta_06_0	0.41 5	84897.4 7
	19	JP_2013_13APR_NS	1.45 1	141339. 65	JP_2004_14DEC_EW	0.54 3	389052. 90	US_1989_Loma Prieta_06_90	2.20 8	902190.5 7	JP_2004_14DEC_NS	0.34 8	46078. 33	JP_2007_Noto_01_EW	0.25 0	71988. 59	US_1992_Big Bear_270	0.31 0	87542.9 5
	20	JP_2000_Tottori_01_NS	0.69 6	168136. 48	JP_2013_25FEB_EW	0.66 5	413851. 27	US_1992_Petrolia_Aftershock_01_360	1.16 5	1175951. 95	JP_2011_19MAR_01_NS	0.40 0	51588. 15	JP_2000_Tottori_02_EW	0.26 5	72460. 43	US_1994_Northridge_01_360	0.43 0	67506.4 1
RMS E	1	JP_2011_19MAR_01_EW	0.62 0	84.97	JP_2011_19MAR_02_NS	1.42 9	353.36	JP_2003_Miyagi_07_EW	0.61 3	209.90	JP_2003_Miyagi_08_EW	0.41 5	80.50	JP_2011_19MAR_02_NS	0.75 3	178.26	JP_1997_Kagoshima_EW	0.31 8	288.91
	2	JP_2003_Miyagi_08_NS	0.45 0	109.94	JP_2003_Miyagi_02_EW	0.89 2	374.52	JP_2004_27OCT_01_EW	1.84 2	542.08	JP_2011_19MAR_01_EW	0.58 8	82.75	JP_2003_Miyagi_02_EW	0.45 3	193.09	JP_2000_Tottori_02_NS	0.25 0	318.90
	3	JP_2003_Miyagi_08_EW	0.49 8	110.36	JP_2000_Tottori_01_NS	0.69 6	410.04	JP_2004_Chuetsu_04_EW	0.77 8	867.00	JP_2003_Miyagi_08_NS	0.40 0	100.11	JP_2004_14DEC_NS	0.34 8	214.66	JP_2000_Tottori_04_NS	0.34 8	253.65
	4	JP_2016_28DEC_EW	0.65 8	114.38	US_1987_WhittierNarrows_01_270	1.17 7	432.62	JP_2004_Chuetsu_06_NS	0.83 0	1057.70	JP_2016_28DEC_EW	0.64 0	114.01	JP_2000_Tottori_05_EW	0.39 3	228.35	JP_2004_29NOV_01_EW	0.40 0	275.59
	5	JP_2003_Miyagi_09_EW	0.45 3	142.71	CH_2012_GO05_NS	3.70 4	461.77	JP_2004_Chuetsu_07_NS	1.15 7	620.11	JP_2003_Miyagi_07_NS	0.30 3	116.63	JP_2000_Tottori_01_NS	0.33 3	229.76	JP_2004_Chuetsu_04_EW	0.25 0	314.77
	6	JP_2008_Iwate_04_EW	0.47 2	156.79	JP_2011_19MAR_02_EW	1.11 8	467.09	JP_2007_Noto_02_NS	1.76 1	1075.31	JP_2003_Miyagi_02_NS	0.46 8	119.48	JP_2004_27OCT_01_EW	0.70 8	240.30	JP_2009_Shizuoca_01_EW	0.25 8	319.45
	7	JP_2016_28DEC_NS	0.88 8	163.52	JP_2000_Tottori_05_EW	0.93 8	491.43	JP_2008_Iwate_02_NS	0.65 9	1034.88	JP_2003_Miyagi_09_EW	0.39 3	132.91	JP_2004_27OCT_01_NS	0.48 3	242.56	JP_2009_Shizuoca_01_NS	0.25 0	327.88
	8	JP_2003_Miyagi_02_NS	0.61 6	168.40	JP_2021_Miyagi_02_EW	1.33 4	501.67	JP_2009_Shizuoca_01_EW	1.51 9	1098.30	JP_2000_Tottori_03_EW	0.81 3	133.47	JP_2008_Iwate_03_NS	0.25 0	244.65	JP_2009_Shizuoca_03_EW	0.46 8	294.70
	9	JP_2003_Miyagi_07_NS	0.42 0	180.16	JP_2000_Tottori_01_EW	0.81 5	505.44	JP_2009_Shizuoca_01_NS	1.76 3	1292.17	JP_2016_28DEC_NS	0.70 8	134.44	CH_2012_GO05_NS	1.60 6	245.28	JP_2009_Shizuoca_03_NS	0.32 5	274.34
	10	JP_2003_Miyagi_07_EW	0.61 3	209.90	JP_2004_27OCT_01_NS	1.20 1	513.48	JP_2009_Shizuoca_02_EW	1.81 1	919.33	JP_2000_Tottori_03_NS	0.51 3	140.22	US_1987_WhittierNarrows_01_270	0.53 5	248.58	JP_2016_Kumamoto_01_EW	0.25 0	328.96
	11	JP_2000_Tottori_03_EW	1.29 7	252.80	JP_2008_Iwate_02_EW	0.25 7	541.19	JP_2011_12APR_EW	1.72 1	1036.42	JP_2003_Miyagi_09_NS	0.36 3	140.77	JP_2000_Tottori_01_EW	0.32 5	250.03	JP_2016_Kumamoto_06_EW	0.26 5	331.65
	12	JP_2000_Tottori_03_NS	0.86 4	282.14	JP_2004_27OCT_01_EW	1.84 2	542.08	JP_2016_Kumamoto_05_NS	1.10 5	1082.07	JP_2003_Miyagi_07_EW	0.43 0	145.42	JP_2000_Tottori_04_EW	0.61 8	253.10	JP_2016_Kumamoto_06_NS	0.25 0	332.47
	13	JP_2004_14DEC_NS	0.57 0	298.36	JP_2004_Chuetsu_05_NS	0.51 7	579.97	JP_2016_Kumamoto_06_NS	1.75 4	1217.59	JP_2008_Iwate_04_EW	0.45 3	156.32	CH_2014_Iquique_02_NS	1.48 5	254.25	JP_2018_Hokkaido_03_NS	0.25 0	346.30
	14	JP_2003_Miyagi_09_NS	0.68 9	349.61	JP_2004_Chuetsu_04_NS	0.33 6	586.35	JP_2018_Hokkaido_07_NS	0.59 8	1389.29	JP_2011_19MAR_02_NS	0.75 3	178.26	JP_1997_Kagoshima_NS	0.46 0	257.36	TW_1999_ChiChi_04_360	0.25 0	341.91
	15	JP_2011_19MAR_02_NS	1.42 9	353.36	JP_2004_Chuetsu_07_EW	0.87 8	597.10	JP_2018_Osake_NS	1.63 8	899.56	JP_2013_13APR_NS	0.73 8	184.70	US_1994_Northridge_01_360	0.43 0	259.82	TW_1999_ChiChi_07_360	0.25 0	348.62
	16	JP_1997_Kagoshima_NS	0.87 7	365.55	CH_2012_GO05_EW	2.75 2	611.12	TW_1999_ChiChi_07_360	1.93 7	1364.62	JP_2013_13APR_EW	0.56 5	189.42	CH_2014_Iquique_02_EW	1.21 2	259.95	US_1989_Loma Prieta_01_0	0.25 0	338.56
	17	JP_2008_Iwate_04_NS	0.81 1	365.91	JP_2004_Chuetsu_07_NS	1.15 7	620.11	TW_1999_ChiChi_10_90	0.90 6	890.54	JP_2003_Miyagi_02_EW	0.45 3	193.09	JP_2013_25FEB_EW	0.25 0	265.19	US_1989_Loma Prieta_01_90	0.26 5	332.88
	18	JP_2003_Miyagi_02_EW	0.89 2	374.52	JP_2004_27OCT_03_EW	1.45 0	621.34	US_1989_Loma Prieta_06_0	1.85 0	916.25	JP_2011_19MAR_02_EW	0.49 0	197.83	US_1987_WhittierNarrows_01_360	0.48 3	267.41	US_1989_Loma Prieta_06_0	0.41 5	291.37
	19	JP_2013_13APR_NS	1.45 1	375.95	JP_2004_14DEC_EW	0.54 3	623.74	US_1989_Loma Prieta_06_90	2.20 8	949.84	JP_2004_14DEC_NS	0.34 8	214.66	JP_2007_Noto_01_EW	0.25 0	268.31	US_1992_Big Bear_270	0.31 0	295.88
	20	JP_2000_Tottori_01_NS	0.69 6	410.04	JP_2013_25FEB_EW	0.66 5	643.31	US_1992_Petrolia_Aftershock_01_360	1.16 5	1084.41	JP_2011_19MAR_01_NS	0.40 0	227.13	JP_2000_Tottori_02_EW	0.26 5	269.18	US_1994_Northridge_01_360	0.43 0	259.82

REGISTROS SELECCIONADOS CASO Ymr-I T=0.08s - TSepu-tr-475																			
Caso:		TSepu-tr-475_NSp_Sbs			TSepu-tr-475_NSp_Sci			TSepu-tr-475_NSp_Ssr			TSepu-tr-475_NSr_Sbs			TSepu-tr-475_NSr_Sci			TSepu-tr-475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetstu_05_EW	0.458	61.94	JP_2004_Chuetstu_05_EW	0.458	61.94	JP_2000_Tottori_02_NS	0.649	252.22	JP_2004_Chuetstu_05_EW	0.460	61.84	JP_2004_Chuetstu_07_EW	0.648	62.66	JP_2000_Tottori_02_NS	0.415	187.19
	2	TW_1999_ChiChi_10_90	0.544	95.80	TW_1999_ChiChi_10_90	0.544	95.80	JP_2000_Tottori_05_EW	0.564	212.10	JP_2004_Chuetstu_07_EW	0.648	62.66	US_1994_Northridge_01_90	1.364	80.21	JP_2009_Shizuoca_01_EW	0.745	247.56
	3	US_1994_Northridge_01_90	1.201	98.14	US_1994_Northridge_01_90	1.201	98.14	JP_2003_Miyagi_09_EW	0.272	366.53	US_1994_Northridge_01_90	1.364	80.21	TW_1999_ChiChi_10_90	0.490	80.56	JP_2009_Shizuoca_01_NS	0.678	233.21
	4	JP_2004_Chuetstu_07_NS	0.695	108.83	JP_2004_Chuetstu_07_NS	0.695	108.83	JP_2004_27OCT_01_EW	1.107	201.72	TW_1999_ChiChi_10_90	0.490	80.56	US_1989_Loma Prieta_06_0	0.963	81.57	JP_2009_Shizuoca_02_EW	0.970	95.50
	5	JP_2009_Shizuoca_02_EW	1.089	114.47	JP_2009_Shizuoca_02_EW	1.089	114.47	JP_2004_27OCT_02_NS	1.679	142.83	US_1989_Loma Prieta_06_0	0.963	81.57	JP_2004_Chuetstu_07_NS	0.805	84.02	JP_2009_Shizuoca_02_NS	1.121	147.08
	6	US_1989_Loma Prieta_06_0	1.112	114.94	US_1989_Loma Prieta_06_0	1.112	114.94	JP_2004_29NOV_01_EW	0.950	198.83	JP_2004_Chuetstu_07_NS	0.805	84.02	CH_2014_Iquique_02_EW	2.636	85.46	JP_2011_12APR_EW	0.903	190.79
	7	JP_2000_Tottori_05_NS	0.517	115.33	JP_2000_Tottori_05_NS	0.517	115.33	JP_2004_Chuetstu_04_EW	0.468	190.36	CH_2014_Iquique_02_EW	2.636	85.46	TW_1999_ChiChi_08_90	0.618	90.74	JP_2011_19MAR_01_EW	0.768	337.36
	8	JP_2004_Chuetstu_07_EW	0.528	117.42	JP_2004_Chuetstu_07_EW	0.528	117.42	JP_2007_Noto_01_NS	0.430	161.66	TW_1999_ChiChi_08_90	0.618	90.74	JP_2009_Shizuoca_02_EW	0.970	95.50	JP_2012_25AGO_EW	0.610	276.65
	9	JP_2016_Kumamoto_05_EW	1.050	117.98	JP_2004_14DEC_EW	0.327	118.13	JP_2008_Iwate_03_EW	0.331	148.24	JP_2009_Shizuoca_02_EW	0.970	95.50	US_1994_Northridge_02_90	0.940	96.84	JP_2012_25AGO_NS	0.760	282.06
	10	JP_2004_14DEC_EW	0.327	118.13	US_1989_Loma Prieta_06_90	1.327	119.63	JP_2009_Shizuoca_01_EW	0.913	278.11	US_1994_Northridge_02_90	0.940	96.84	JP_2004_14DEC_EW	0.378	98.37	JP_2016_Kumamoto_01_EW	0.520	117.52
	11	US_1989_Loma Prieta_06_90	1.327	119.63	JP_1997_Kagoshima_EW	0.841	123.32	JP_2009_Shizuoca_03_NS	0.740	211.07	JP_2004_14DEC_EW	0.378	98.37	JP_2016_Kumamoto_05_EW	1.273	98.94	JP_2016_Kumamoto_03_NS	0.715	130.87
	12	JP_1997_Kagoshima_EW	0.841	123.32	JP_2016_Kumamoto_03_EW	0.722	125.39	JP_2013_13APR_NS	0.872	290.34	JP_2016_Kumamoto_05_EW	1.273	98.94	TW_1999_ChiChi_08_360	0.888	100.35	JP_2016_Kumamoto_05_NS	0.580	211.21
	13	JP_2016_Kumamoto_03_EW	0.722	125.39	US_1989_Loma Prieta_03_90	1.072	125.97	JP_2016_Kumamoto_01_NS	0.474	167.44	JP_2004_Chuetstu_05_NS	0.363	100.18	US_1989_Loma Prieta_05_195	2.061	102.07	JP_2016_Kumamoto_06_EW	0.738	117.14
	14	US_1989_Loma Prieta_03_90	1.072	125.97	JP_2004_Chuetstu_05_NS	0.311	131.31	JP_2016_Kumamoto_03_NS	0.794	142.97	TW_1999_ChiChi_08_360	0.888	100.35	US_1989_Loma Prieta_03_90	0.940	103.38	JP_2016_Kumamoto_06_NS	0.700	109.01
	15	JP_2004_Chuetstu_05_NS	0.311	131.31	TW_1999_ChiChi_10_360	0.856	132.22	JP_2021_Miyagi_02_EW	0.802	240.28	US_1989_Loma Prieta_05_195	2.061	102.07	US_1989_Loma Prieta_06_90	1.182	103.73	JP_2018_Hokkaido_03_NS	0.558	217.32
	16	TW_1999_ChiChi_10_360	0.856	132.22	JP_2004_29NOV_01_NS	1.308	141.64	TW_1999_ChiChi_04_360	1.109	300.62	US_1989_Loma Prieta_03_90	0.940	103.38	JP_2004_Chuetstu_06_EW	0.445	104.05	TW_1999_ChiChi_03_360	0.363	202.51
	17	JP_2004_29NOV_01_NS	1.308	141.64	JP_2004_27OCT_02_NS	1.679	142.83	TW_1999_ChiChi_07_360	1.164	306.38	US_1989_Loma Prieta_06_90	1.182	103.73	TW_1999_ChiChi_10_360	0.715	106.79	TW_1999_ChiChi_04_360	0.760	193.38
	18	JP_2004_27OCT_02_NS	1.679	142.83	JP_2016_Kumamoto_01_EW	0.643	144.66	US_1987_WhittierNarrows_01_360	1.027	147.00	JP_2004_Chuetstu_06_EW	0.445	104.05	JP_1997_Kagoshima_EW	0.700	108.02	TW_1999_ChiChi_07_360	0.580	222.07
	19	JP_2016_Kumamoto_03_NS	0.794	142.97	TW_1999_ChiChi_08_90	0.787	145.93	US_1989_Loma Prieta_02_0	0.855	155.61	TW_1999_ChiChi_10_360	0.715	106.79	US_1994_Northridge_02_360	1.061	108.19	US_1989_Loma Prieta_01_90	0.790	148.50
	20	JP_2016_Kumamoto_01_EW	0.643	144.66	US_1989_Loma Prieta_03_0	0.828	146.50	US_1989_Loma Prieta_06_0	1.112	114.94	JP_1997_Kagoshima_EW	0.700	108.02	JP_2011_15MAR_NS	0.543	113.87	US_1989_Loma Prieta_06_90	1.182	103.73
MAP E	1	TW_1999_ChiChi_10_90	0.544	18.54	TW_1999_ChiChi_10_90	0.544	18.54	JP_2000_Tottori_02_NS	0.649	46.24	JP_2004_Chuetstu_07_EW	0.685	14.14	JP_2004_Chuetstu_07_EW	0.685	14.14	JP_2000_Tottori_02_NS	0.445	43.11
	2	US_1994_Northridge_01_90	1.201	20.47	US_1994_Northridge_01_90	1.201	20.47	JP_2000_Tottori_05_EW	0.564	46.96	CH_2014_Iquique_02_EW	2.697	14.68	CH_2014_Iquique_02_EW	2.697	14.68	JP_2007_Noto_02_NS	0.790	26.41
	3	JP_2016_Kumamoto_05_EW	1.050	21.34	JP_2009_Shizuoca_02_EW	1.089	21.95	JP_2003_Miyagi_09_EW	0.272	73.10	US_1989_Loma Prieta_06_0	0.858	16.07	US_1989_Loma Prieta_06_0	0.858	16.07	JP_2009_Shizuoca_01_NS	0.850	49.74
	4	JP_2009_Shizuoca_02_EW	1.089	21.95	JP_2004_Chuetstu_07_NS	0.695	22.85	JP_2004_27OCT_01_EW	1.107	46.35	US_1994_Northridge_01_90	1.394	16.47	US_1994_Northridge_01_90	1.394	16.47	JP_2009_Shizuoca_02_EW	0.970	19.26
	5	JP_2004_Chuetstu_07_NS	0.695	22.85	JP_2004_Chuetstu_05_EW	0.458	22.99	JP_2004_27OCT_02_NS	1.679	31.67	JP_2004_Chuetstu_07_NS	0.865	16.59	JP_2004_Chuetstu_07_NS	0.865	16.59	JP_2009_Shizuoca_02_NS	0.910	26.96
	6	JP_2004_Chuetstu_05_EW	0.458	22.99	JP_2016_Kumamoto_03_EW	0.722	23.46	JP_2004_29NOV_01_EW	0.950	42.57	TW_1999_ChiChi_10_90	0.505	17.53	TW_1999_ChiChi_10_90	0.505	17.53	JP_2011_12APR_EW	0.918	40.98
	7	JP_2016_Kumamoto_03_EW	0.722	23.46	US_1989_Loma Prieta_06_90	1.327	25.13	JP_2004_Chuetstu_04_EW	0.468	41.62	TW_1999_ChiChi_08_90	0.648	18.41	TW_1999_ChiChi_08_90	0.648	18.41	JP_2011_Fukushima_02_NS	0.993	35.19
	8	US_1989_Loma Prieta_06_90	1.327	25.13	JP_2004_Chuetstu_07_EW	0.528	25.35	JP_2007_Noto_01_NS	0.430	37.62	JP_2009_Shizuoca_02_EW	0.970	19.26	JP_2009_Shizuoca_02_EW	0.970	19.26	JP_2012_25AGO_EW	0.813	58.98
	9	JP_2004_Chuetstu_07_EW	0.528	25.35	JP_1997_Kagoshima_EW	0.841	26.16	JP_2008_Iwate_03_EW	0.331	34.15	JP_2016_Kumamoto_05_EW	1.212	19.43	JP_2016_Kumamoto_05_EW	1.212	19.43	JP_2016_Kumamoto_01_NS	0.415	29.50
	10	JP_1997_Kagoshima_EW	0.841	26.16	TW_1999_ChiChi_08_90	0.787	26.23	JP_2009_Shizuoca_01_EW	0.913	55.10	US_1994_Northridge_02_360	1.061	19.44	US_1994_Northridge_02_360	1.061	19.44	JP_2016_Kumamoto_03_NS	0.715	24.71
	11	TW_1999_ChiChi_08_90	0.787	26.23	TW_1999_ChiChi_10_360	0.856	26.26	JP_2009_Shizuoca_03_NS	0.740	46.92	US_1994_Northridge_02_90	0.925	19.66	US_1994_Northridge_02_90	0.925	19.66	JP_2016_Kumamoto_06_EW	0.738	24.69
	12	TW_1999_ChiChi_10_360	0.856	26.26	JP_2004_Chuetstu_06_NS	0.499	26.31	JP_2013_13APR_NS	0.872	60.01	US_1989_Loma Prieta_03_90	0.895	20.78	US_1989_Loma Prieta_03_90	0.895	20.78	JP_2016_Kumamoto_06_NS	0.685	25.63
	13	JP_2004_Chuetstu_06_NS	0.499	26.31	US_1989_Loma Prieta_03_90	1.072	26.70	JP_2016_Kumamoto_01_NS	0.474	30.24	TW_1999_ChiChi_08_360	0.955	21.32	TW_1999_ChiChi_08_360	0.955	21.32	JP_2018_Hokkaido_07_NS	0.250	39.74
	14	US_1989_Loma Prieta_03_90	1.072	26.70	US_1989_Loma Prieta_03_0	0.828	27.08	JP_2016_Kumamoto_03_NS	0.794	26.87	US_1989_Loma Prieta_06_90	1.152	21.37	US_1989_Loma Prieta_06_90	1.152	21.37	TW_1999_ChiChi_03_360	0.325	39.57

	15	JP_2016_Kumamoto_03_NS	0.794	26.87	US_1989_Loma Prieta_06_0	1.112	27.39	JP_2021_Miyagi_02_EW	0.802	54.33	US_1989_Loma Prieta_05_195	1.970	21.51	US_1989_Loma Prieta_05_195	1.970	21.51	TW_1999_ChiChi_04_360	0.550	40.15
	16	US_1989_Loma Prieta_03_0	0.828	27.08	JP_2004_14DEC_EW	0.327	28.75	TW_1999_ChiChi_04_360	1.109	83.27	JP_2004_Chuetsu_06_EW	0.438	21.52	JP_2004_Chuetsu_06_EW	0.438	21.52	TW_1999_ChiChi_07_360	0.520	39.01
	17	US_1989_Loma Prieta_06_0	1.112	27.39	JP_2016_Kumamoto_01_EW	0.643	28.82	TW_1999_ChiChi_07_360	1.164	68.76	TW_1999_ChiChi_10_360	0.715	21.85	TW_1999_ChiChi_10_360	0.715	21.85	TW_1999_ChiChi_10_90	0.505	17.53
	18	JP_2004_14DEC_EW	0.327	28.75	US_1994_Northridge_01_360	0.821	29.71	US_1987_WhittierNarrows_01_360	1.027	30.25	TW_1999_ChiChi_01_90	0.400	22.35	TW_1999_ChiChi_01_90	0.400	22.35	US_1989_Loma Prieta_01_0	0.588	26.90
	19	JP_2016_Kumamoto_01_EW	0.643	28.82	JP_2000_Tottori_05_NS	0.517	29.81	US_1989_Loma Prieta_02_0	0.855	35.49	JP_2016_Kumamoto_03_EW	0.678	22.44	JP_2016_Kumamoto_03_EW	0.678	22.44	US_1989_Loma Prieta_01_90	0.775	30.62
	20	US_1994_Northridge_02_360	1.348	29.04	JP_2004_27OCT_03_NS	0.780	30.20	US_1989_Loma Prieta_06_0	1.112	27.39	JP_2018_Hokkaido_02_EW	0.670	22.56	JP_2018_Hokkaido_02_EW	0.670	22.56	US_1989_Loma Prieta_06_90	1.152	21.37
MSE	1	JP_2004_Chuetsu_05_EW	0.458	7285.37	JP_2004_Chuetsu_05_EW	0.458	7285.37	JP_2000_Tottori_02_NS	0.649	116895.47	JP_2004_Chuetsu_05_EW	0.460	7298.77	JP_2004_Chuetsu_07_EW	0.633	7889.09	JP_2007_Noto_02_NS	0.798	31825.77
	2	US_1994_Northridge_01_90	1.201	14931.32	US_1994_Northridge_01_90	1.201	14931.32	JP_2000_Tottori_05_EW	0.564	60892.58	JP_2004_Chuetsu_07_EW	0.633	7889.09	TW_1999_ChiChi_10_90	0.475	9488.49	JP_2009_Shizuoca_01_EW	0.618	75592.75
	3	JP_2004_Chuetsu_07_NS	0.695	15549.44	JP_2004_Chuetsu_07_NS	0.695	15549.44	JP_2003_Miyagi_09_EW	0.272	161507.51	TW_1999_ChiChi_10_90	0.475	9488.49	JP_2004_Chuetsu_07_NS	0.798	10220.80	JP_2009_Shizuoca_01_NS	0.633	67110.74
	4	TW_1999_ChiChi_10_90	0.544	16876.07	TW_1999_ChiChi_10_90	0.544	16876.07	JP_2004_27OCT_01_EW	1.107	53046.13	JP_2004_Chuetsu_07_NS	0.798	10220.80	US_1994_Northridge_01_90	1.333	11454.31	JP_2009_Shizuoca_02_EW	0.948	18581.15
	5	JP_2004_Chuetsu_07_EW	0.528	17051.86	JP_2004_Chuetsu_07_EW	0.528	17051.86	JP_2004_27OCT_02_NS	1.679	30112.14	US_1989_Loma Prieta_06_0	0.948	10703.95	CH_2014_Iquique_02_EW	2.424	12179.78	JP_2009_Shizuoca_02_NS	1.121	27742.87
	6	JP_2004_14DEC_EW	0.327	19523.41	JP_2004_14DEC_EW	0.327	19523.41	JP_2004_29NOV_01_EW	0.950	84608.52	US_1994_Northridge_01_90	1.333	11454.31	TW_1999_ChiChi_08_90	0.603	12652.65	JP_2011_12APR_EW	0.775	45789.22
	7	JP_2000_Tottori_05_NS	0.517	19943.81	JP_2000_Tottori_05_NS	0.517	19943.81	JP_2004_Chuetsu_04_EW	0.468	52915.67	CH_2014_Iquique_02_EW	2.424	12179.78	JP_2004_14DEC_EW	0.378	13488.23	JP_2011_15MAR_NS	0.528	18037.38
	8	US_1989_Loma Prieta_06_0	1.112	20809.00	US_1989_Loma Prieta_06_0	1.112	20809.00	JP_2007_Noto_01_NS	0.430	36514.84	TW_1999_ChiChi_08_90	0.603	12652.65	TW_1999_ChiChi_08_360	0.895	13883.12	JP_2011_Fukushima_02_NS	1.273	49685.77
	9	JP_2016_Kumamoto_05_EW	1.050	22345.25	JP_2004_Chuetsu_05_NS	0.311	23074.30	JP_2008_Iwate_03_EW	0.331	32060.35	JP_2004_14DEC_EW	0.378	13488.23	JP_1997_Kagoshima_EW	0.700	14103.01	JP_2012_25AGO_EW	0.640	95089.40
	10	JP_2004_Chuetsu_05_NS	0.311	23074.30	TW_1999_ChiChi_10_360	0.856	24847.05	JP_2009_Shizuoca_01_EW	0.913	136946.95	TW_1999_ChiChi_08_360	0.895	13883.12	US_1994_Northridge_02_90	0.970	14412.45	JP_2016_Kumamoto_05_NS	0.460	81361.32
	11	TW_1999_ChiChi_10_360	0.856	24847.05	JP_2009_Shizuoca_02_EW	1.089	25460.72	JP_2009_Shizuoca_03_NS	0.740	80651.59	JP_1997_Kagoshima_EW	0.700	14103.01	JP_2016_Kumamoto_05_EW	1.212	15656.69	JP_2016_Kumamoto_06_EW	0.745	23935.73
	12	JP_2009_Shizuoca_02_EW	1.089	25460.72	JP_1997_Kagoshima_EW	0.841	27071.47	JP_2013_13APR_NS	0.872	114006.69	US_1994_Northridge_02_90	0.970	14412.45	JP_2004_Chuetsu_06_EW	0.438	16209.90	JP_2016_Kumamoto_06_NS	0.723	24245.26
	13	JP_1997_Kagoshima_EW	0.841	27071.47	JP_2004_27OCT_02_NS	1.679	30112.14	JP_2016_Kumamoto_01_NS	0.474	58959.23	JP_2004_Chuetsu_05_NS	0.370	15029.94	US_1989_Loma Prieta_06_90	1.091	16245.99	JP_2018_Hokkaido_03_EW	0.460	40368.71
	14	CH_2014_Iquique_02_EW	1.872	29100.50	US_1989_Loma Prieta_06_90	1.327	30602.93	JP_2016_Kumamoto_03_NS	0.794	52476.71	JP_2016_Kumamoto_05_EW	1.212	15656.69	US_1989_Loma Prieta_05_195	2.000	16893.46	JP_2018_Hokkaido_03_NS	0.475	56943.15
	15	JP_2004_27OCT_02_NS	1.679	30112.14	US_1989_Loma Prieta_02_0	0.855	31477.04	JP_2021_Miyagi_02_EW	0.802	83985.40	JP_2004_Chuetsu_06_EW	0.438	16209.90	US_1989_Loma Prieta_03_90	0.880	17406.23	JP_2018_Hokkaido_07_NS	0.250	57886.53
	16	US_1989_Loma Prieta_06_90	1.327	30602.93	JP_2016_Kumamoto_03_EW	0.722	31740.38	TW_1999_ChiChi_04_360	1.109	159923.60	US_1989_Loma Prieta_06_90	1.091	16245.99	JP_2011_15MAR_NS	0.528	18037.38	TW_1999_ChiChi_03_360	0.348	63037.51
	17	US_1989_Loma Prieta_02_0	0.855	31477.04	JP_2018_Osake_NS	0.984	31744.04	TW_1999_ChiChi_07_360	1.164	200175.44	US_1989_Loma Prieta_05_195	2.000	16893.46	JP_2016_Kumamoto_01_EW	0.513	18380.06	TW_1999_ChiChi_04_360	0.693	53316.93
	18	JP_2016_Kumamoto_03_EW	0.722	31740.38	JP_2008_Iwate_03_EW	0.331	32060.35	US_1987_WhittierNarrows_01_360	1.027	37741.27	US_1989_Loma Prieta_03_90	0.880	17406.23	JP_2009_Shizuoca_02_EW	0.948	18581.15	TW_1999_ChiChi_07_360	0.685	64218.03
	19	JP_2018_Osake_NS	0.984	31744.04	US_1989_Loma Prieta_03_90	1.072	32361.75	US_1989_Loma Prieta_02_0	0.855	31477.04	JP_2011_15MAR_NS	0.528	18037.38	JP_2000_Tottori_01_EW	0.633	18831.45	US_1989_Loma Prieta_01_0	0.565	26254.67
	20	JP_2008_Iwate_03_EW	0.331	32060.35	CH_2014_Iquique_02_NS	2.578	33851.58	US_1989_Loma Prieta_06_0	1.112	20809.00	JP_2016_Kumamoto_01_EW	0.513	18380.06	US_1992_Petrolia_02_270	0.903	18892.89	US_1989_Loma Prieta_01_90	0.753	34685.78
RMS E	1	JP_2004_Chuetsu_05_EW	0.458	85.35	JP_2004_Chuetsu_05_EW	0.458	85.35	JP_2000_Tottori_02_NS	0.649	341.90	JP_2004_Chuetsu_05_EW	0.460	85.43	JP_2004_Chuetsu_07_EW	0.633	88.82	JP_2007_Noto_02_NS	0.798	178.40
	2	US_1994_Northridge_01_90	1.201	122.19	US_1994_Northridge_01_90	1.201	122.19	JP_2000_Tottori_05_EW	0.564	246.76	JP_2004_Chuetsu_07_EW	0.633	88.82	TW_1999_ChiChi_10_90	0.475	97.41	JP_2009_Shizuoca_01_EW	0.618	274.94
	3	JP_2004_Chuetsu_07_NS	0.695	124.70	JP_2004_Chuetsu_07_NS	0.695	124.70	JP_2003_Miyagi_09_EW	0.272	401.88	TW_1999_ChiChi_10_90	0.475	97.41	JP_2004_Chuetsu_07_NS	0.798	101.10	JP_2009_Shizuoca_01_NS	0.633	259.06
	4	TW_1999_ChiChi_10_90	0.544	129.91	TW_1999_ChiChi_10_90	0.544	129.91	JP_2004_27OCT_01_EW	1.107	230.32	JP_2004_Chuetsu_07_NS	0.798	101.10	US_1994_Northridge_01_90	1.333	107.02	JP_2009_Shizuoca_02_EW	0.948	136.31
	5	JP_2004_Chuetsu_07_EW	0.528	130.58	JP_2004_Chuetsu_07_EW	0.528	130.58	JP_2004_27OCT_02_NS	1.679	173.53	US_1989_Loma Prieta_06_0	0.948	103.46	CH_2014_Iquique_02_EW	2.424	110.36	JP_2009_Shizuoca_02_NS	1.121	166.56
	6	JP_2004_14DEC_EW	0.327	139.73	JP_2004_14DEC_EW	0.327	139.73	JP_2004_29NOV_01_EW	0.950	290.88	US_1994_Northridge_01_90	1.333	107.02	TW_1999_ChiChi_08_90	0.603	112.48	JP_2011_12APR_EW	0.775	213.98
	7	JP_2000_Tottori_05_NS	0.517	141.22	JP_2000_Tottori_05_NS	0.517	141.22	JP_2004_Chuetsu_04_EW	0.468	230.03	CH_2014_Iquique_02_EW	2.424	110.36	JP_2004_14DEC_EW	0.378	116.14	JP_2011_15MAR_NS	0.528	134.30
	8	US_1989_Loma Prieta_06_0	1.112	144.25	US_1989_Loma Prieta_06_0	1.112	144.25	JP_2007_Noto_01_NS	0.430	191.09	TW_1999_ChiChi_08_90	0.603	112.48	TW_1999_ChiChi_08_360	0.895	117.83	JP_2011_Fukushima_02_NS	1.273	222.90
	9	JP_2016_Kumamoto_05_EW	1.050	149.48	JP_2004_Chuetsu_05_NS	0.311	151.90	JP_2008_Iwate_03_EW	0.331	179.05	JP_2004_14DEC_EW	0.378	116.14	JP_1997_Kagoshima_EW	0.700	118.76	JP_2012_25AGO_EW	0.640	308.37
	10	JP_2004_Chuetsu_05_NS	0.311	151.90	TW_1999_ChiChi_10_360	0.856	157.63	JP_2009_Shizuoca_01_EW	0.913	370.06	TW_1999_ChiChi_08_360	0.895	117.83	US_1994_Northridge_02_90	0.970	120.05	JP_2016_Kumamoto_05_NS	0.460	285.24
	11	TW_1999_ChiChi_10_360	0.856	157.63	JP_2009_Shizuoca_02_EW	1.089	159.56	JP_2009_Shizuoca_03_NS	0.740	283.99	JP_1997_Kagoshima_EW	0.700	118.76	JP_2016_Kumamoto_05_EW	1.212	125.13	JP_2016_Kumamoto_06_EW	0.745	154.71
	12	JP_2009_Shizuoca_02_EW	1.089	159.56	JP_1997_Kagoshima_EW	0.841	164.53	JP_2013_13APR_NS	0.872	337.65	US_1994_Northridge_02_90	0.970	120.05	JP_2004_Chuetsu_06_EW	0.438	127.32	JP_2016_Kumamoto_06_NS	0.723	155.71
	13	JP_1997_Kagoshima_EW	0.841	164.53	JP_2004_27OCT_02_NS	1.679	173.53	JP_2016_Kumamoto_01_NS	0.474	242.82	JP_2004_Chuetsu_05_NS	0.370	122.60	US_1989_Loma Prieta_06_90	1.091	127.46	JP_2018_Hokkaido_03_EW	0.460	200.92

	14	CH_2014_Iquique_02_EW	1.872	170.59	US_1989_Loma Prieta_06_90	1.327	174.94	JP_2016_Kumamoto_03_NS	0.794	229.08	JP_2016_Kumamoto_05_EW	1.212	125.13	US_1989_Loma Prieta_05_195	2.000	129.97	JP_2018_Hokkaido_03_NS	0.475	238.63
	15	JP_2004_27OCT_02_NS	1.679	173.53	US_1989_Loma Prieta_02_0	0.855	177.42	JP_2021_Miyagi_02_EW	0.802	289.80	JP_2004_Chuet-su_06_EW	0.438	127.32	US_1989_Loma Prieta_03_90	0.880	131.93	JP_2018_Hokkaido_07_NS	0.250	240.60
	16	US_1989_Loma Prieta_06_90	1.327	174.94	JP_2016_Kumamoto_03_EW	0.722	178.16	TW_1999_ChiChi_04_360	1.109	399.90	US_1989_Loma Prieta_06_90	1.091	127.46	JP_2011_15MAR_NS	0.528	134.30	TW_1999_ChiChi_03_360	0.348	251.07
	17	US_1989_Loma Prieta_02_0	0.855	177.42	JP_2018_Osake_NS	0.984	178.17	TW_1999_ChiChi_07_360	1.164	447.41	US_1989_Loma Prieta_05_195	2.000	129.97	JP_2016_Kumamoto_01_EW	0.513	135.57	TW_1999_ChiChi_04_360	0.693	230.90
	18	JP_2016_Kumamoto_03_EW	0.722	178.16	JP_2008_Iwate_03_EW	0.331	179.05	US_1987_WhittierNarrows_01_360	1.027	194.27	US_1989_Loma Prieta_03_90	0.880	131.93	JP_2009_Shizuoca_02_EW	0.948	136.31	TW_1999_ChiChi_07_360	0.685	253.41
	19	JP_2018_Osake_NS	0.984	178.17	US_1989_Loma Prieta_03_90	1.072	179.89	US_1989_Loma Prieta_02_0	0.855	177.42	JP_2011_15MAR_NS	0.528	134.30	JP_2000_Tottori_01_EW	0.633	137.23	US_1989_Loma Prieta_01_0	0.565	162.03
	20	JP_2008_Iwate_03_EW	0.331	179.05	CH_2014_Iquique_02_NS	2.578	183.99	US_1989_Loma Prieta_06_0	1.112	144.25	JP_2016_Kumamoto_01_EW	0.513	135.57	US_1992_Petrolia_02_270	0.903	137.45	US_1989_Loma Prieta_01_90	0.753	186.24

REGISTROS SELECCIONADOS CASO Ymr-I T=0.08s - TSepu-tr-975																			
Caso:		TSepu-tr-975_NSp_Sbs			TSepu-tr-975_NSp_Sci			TSepu-tr-975_NSp_Ssr			TSepu-tr-975_NSr_Sbs			TSepu-tr-975_NSr_Sci			TSepu-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuet-su_05_EW	0.587	81.37	JP_2004_Chuet-su_05_EW	0.587	81.37	JP_2000_Tottori_02_NS	0.833	322.45	JP_2004_Chuet-su_07_EW	0.828	74.56	JP_2004_Chuet-su_07_EW	0.828	74.56	JP_2003_Miyagi_08_NS	0.558	487.07
	2	TW_1999_ChiChi_10_90	0.698	118.79	TW_1999_ChiChi_10_90	0.698	118.79	JP_2000_Tottori_04_NS	0.915	337.34	JP_2004_Chuet-su_05_EW	0.580	80.84	JP_2004_Chuet-su_07_NS	1.030	94.15	JP_2008_Iwate_03_EW	0.438	186.03
	3	US_1994_Northridge_01_90	1.541	121.31	US_1994_Northridge_01_90	1.541	121.31	JP_2004_14DEC_NS	0.439	346.47	JP_2004_Chuet-su_07_NS	1.030	94.15	TW_1999_ChiChi_10_90	0.640	101.89	JP_2009_Shizuoca_01_EW	0.933	310.69
	4	JP_2004_Chuet-su_07_NS	0.892	128.39	JP_2004_Chuet-su_07_NS	0.892	128.39	JP_2004_27OCT_01_NS	0.926	252.44	TW_1999_ChiChi_10_90	0.640	101.89	US_1994_Northridge_01_90	1.697	104.38	JP_2009_Shizuoca_02_NS	1.455	189.54
	5	JP_2004_Chuet-su_07_EW	0.677	140.85	JP_2004_Chuet-su_07_EW	0.677	140.85	JP_2004_27OCT_02_NS	2.154	172.84	US_1994_Northridge_01_90	1.697	104.38	CH_2014_Iquique_02_EW	3.273	106.44	JP_2009_Shizuoca_03_EW	1.364	157.50
	6	JP_2000_Tottori_05_NS	0.663	143.32	JP_2000_Tottori_05_NS	0.663	143.32	JP_2004_29NOV_01_EW	1.219	251.33	CH_2014_Iquique_02_EW	3.273	106.44	TW_1999_ChiChi_08_90	0.775	110.56	JP_2011_12APR_EW	1.091	234.44
	7	JP_2004_14DEC_EW	0.419	144.30	JP_2004_14DEC_EW	0.419	144.30	JP_2004_Chuet-su_04_EW	0.600	239.43	TW_1999_ChiChi_08_90	0.775	110.56	US_1989_Loma Prieta_06_0	1.182	115.80	JP_2011_Fukushima_02_NS	1.333	256.84
	8	JP_2009_Shizuoca_02_EW	1.397	144.38	JP_2009_Shizuoca_02_EW	1.397	144.38	JP_2004_Chuet-su_04_NS	0.259	296.99	US_1989_Loma Prieta_06_0	1.182	115.80	TW_1999_ChiChi_08_360	1.121	119.30	JP_2016_Kumamoto_01_EW	0.670	150.50
	9	JP_2016_Kumamoto_05_EW	1.347	153.91	US_1989_Loma Prieta_06_90	1.703	154.57	JP_2004_Chuet-su_06_NS	0.640	191.77	TW_1999_ChiChi_08_360	1.121	119.30	JP_2004_14DEC_EW	0.483	121.08	JP_2016_Kumamoto_01_NS	0.505	191.02
	10	US_1989_Loma Prieta_06_90	1.703	154.57	US_1989_Loma Prieta_06_0	1.426	159.01	JP_2008_Iwate_02_NS	0.508	284.43	JP_2004_14DEC_EW	0.483	121.08	JP_2009_Shizuoca_02_EW	1.242	124.86	JP_2016_Kumamoto_05_NS	0.745	278.08
	11	US_1989_Loma Prieta_06_0	1.426	159.01	JP_2004_Chuet-su_05_NS	0.399	160.22	JP_2008_Iwate_04_EW	0.364	462.71	JP_2009_Shizuoca_02_EW	1.242	124.86	US_1994_Northridge_02_90	1.212	128.84	JP_2018_Hokkaido_02_EW	0.873	146.41
	12	JP_2004_Chuet-su_05_NS	0.399	160.22	JP_1997_Kagoshima_EW	1.079	160.94	JP_2016_14APR_NS	1.137	284.63	US_1994_Northridge_02_90	1.212	128.84	JP_2004_Chuet-su_06_EW	0.573	129.53	JP_2018_Hokkaido_03_EW	0.603	195.39
	13	JP_1997_Kagoshima_EW	1.079	160.94	JP_2016_Kumamoto_03_EW	0.926	166.80	JP_2016_28DEC_NS	0.684	441.42	JP_2004_Chuet-su_06_EW	0.573	129.53	US_1989_Loma Prieta_06_90	1.515	129.61	JP_2018_Hokkaido_03_NS	0.730	268.15
	14	JP_2016_Kumamoto_03_EW	0.926	166.80	US_1989_Loma Prieta_03_90	1.375	167.00	JP_2016_Kumamoto_01_EW	0.825	186.06	US_1989_Loma Prieta_06_90	1.515	129.61	JP_2016_Kumamoto_05_EW	1.576	131.10	JP_2018_Hokkaido_07_NS	0.310	229.99
	15	US_1989_Loma Prieta_03_90	1.375	167.00	JP_2004_29NOV_01_NS	1.679	171.75	JP_2016_Kumamoto_01_NS	0.608	209.34	JP_2004_Chuet-su_05_NS	0.453	130.09	JP_1997_Kagoshima_EW	0.895	133.99	JP_2018_Osake_NS	1.030	172.95
	16	JP_2004_29NOV_01_NS	1.679	171.75	JP_2004_27OCT_02_NS	2.154	172.84	JP_2016_Kumamoto_05_EW	0.852	289.50	JP_2016_Kumamoto_05_EW	1.576	131.10	US_1989_Loma Prieta_03_90	1.152	134.36	TW_1999_ChiChi_04_360	0.970	250.40
	17	JP_2004_27OCT_02_NS	2.154	172.84	TW_1999_ChiChi_10_360	1.098	182.17	JP_2018_Hokkaido_05_EW	0.966	601.18	JP_1997_Kagoshima_EW	0.895	133.99	US_1989_Loma Prieta_05_195	2.697	135.78	TW_1999_ChiChi_07_360	0.753	287.83
	18	TW_1999_ChiChi_10_360	1.098	182.17	CH_2014_Iquique_02_NS	3.307	185.77	PE_2012_14MAY_EW	2.393	266.13	US_1989_Loma Prieta_03_90	1.152	134.36	US_1994_Northridge_02_360	1.303	140.17	TW_1999_ChiChi_07_90	0.520	316.33
	19	CH_2014_Iquique_02_EW	2.402	182.91	JP_2016_Kumamoto_01_EW	0.825	186.06	TW_1999_ChiChi_07_360	1.494	399.95	US_1989_Loma Prieta_05_195	2.697	135.78	JP_2011_15MAR_NS	0.655	142.57	TW_1999_ChiChi_10_360	0.895	148.63
	20	CH_2014_Iquique_02_NS	3.307	185.77	US_1989_Loma Prieta_03_0	1.062	186.14	US_1989_Loma Prieta_04_0	1.067	324.10	JP_2016_Kumamoto_06_NS	0.895	136.47	JP_2000_Tottori_05_NS	0.640	142.97	US_1992_Petrolia_Aftershock_01_360	0.730	306.61
MAPE	1	TW_1999_ChiChi_10_90	0.698	18.22	TW_1999_ChiChi_10_90	0.698	18.22	JP_2000_Tottori_02_NS	0.833	46.65	JP_2004_Chuet-su_07_EW	0.850	13.32	JP_2004_Chuet-su_07_EW	0.850	13.32	JP_2000_Tottori_01_NS	0.745	38.10
	2	US_1994_Northridge_01_90	1.541	19.74	US_1994_Northridge_01_90	1.541	19.74	JP_2000_Tottori_04_NS	0.915	53.16	CH_2014_Iquique_02_EW	3.394	14.28	CH_2014_Iquique_02_EW	3.394	14.28	JP_2004_Chuet-su_07_EW	0.850	13.32
	3	JP_2004_Chuet-su_07_NS	0.892	21.51	JP_2004_Chuet-su_07_NS	0.892	21.51	JP_2004_14DEC_NS	0.439	55.58	JP_2004_Chuet-su_07_NS	1.061	15.13	JP_2004_Chuet-su_07_NS	1.061	15.13	JP_2007_Noto_02_NS	0.993	27.70
	4	JP_2016_Kumamoto_05_EW	1.347	21.80	JP_2009_Shizuoca_02_EW	1.397	22.20	JP_2004_27OCT_01_NS	0.926	47.03	US_1989_Loma Prieta_06_0	1.061	16.71	US_1989_Loma Prieta_06_0	1.061	16.71	JP_2008_Iwate_03_EW	0.453	32.96
	5	JP_2009_Shizuoca_02_EW	1.397	22.20	JP_2004_Chuet-su_05_EW	0.587	23.12	JP_2004_27OCT_02_NS	2.154	30.62	US_1994_Northridge_01_90	1.727	16.78	US_1994_Northridge_01_90	1.727	16.78	JP_2009_Shizuoca_02_EW	1.212	19.94
	6	JP_2004_Chuet-su_05_EW	0.587	23.12	JP_2004_Chuet-su_07_EW	0.677	24.04	JP_2004_29NOV_01_EW	1.219	42.55	TW_1999_ChiChi_10_90	0.655	17.35	TW_1999_ChiChi_10_90	0.655	17.35	JP_2009_Shizuoca_02_NS	1.121	27.92

	7	JP_2004_Chuetsu_07_E W	0.67 7	24.04	JP_2016_Kumamoto_03_ EW	0.92 6	24.18	JP_2004_Chuetsu_04_E W	0.60 0	41.53	TW_1999_ChiChi_08_90	0.80 5	18.17	TW_1999_ChiChi_08_90	0.80 5	18.17	JP_2011_Fukushima_02_NS	1.24 2	35.75
	8	JP_2016_Kumamoto_03_ EW	0.92 6	24.18	US_1989_Loma Prieta_06_90	1.70 3	25.58	JP_2004_Chuetsu_04_N S	0.25 9	50.14	US_1994_Northridge_02_3 60	1.30 3	19.46	US_1994_Northridge_02_3 60	1.30 3	19.46	JP_2016_Kumamoto_05_EW	1.51 5	19.62
	9	US_1989_Loma Prieta_06_90	1.70 3	25.58	JP_2004_Chuetsu_06_NS	0.64 0	26.25	JP_2004_Chuetsu_06_N S	0.64 0	26.25	JP_2016_Kumamoto_05_E W	1.51 5	19.62	JP_2016_Kumamoto_05_E W	1.51 5	19.62	JP_2018_Hokkaido_02_EW	0.86 5	23.20
	10	JP_2004_Chuetsu_06_NS	0.64 0	26.25	JP_1997_Kagoshima_EW	1.07 9	26.67	JP_2008_Iwate_02_NS	0.50 8	46.17	JP_2009_Shizuoca_02_EW	1.21 2	19.94	JP_2009_Shizuoca_02_EW	1.21 2	19.94	JP_2018_Hokkaido_03_NS	0.85 8	41.47
	11	JP_1997_Kagoshima_EW	1.07 9	26.67	US_1989_Loma Prieta_03_0	1.06 2	26.91	JP_2008_Iwate_04_EW	0.36 4	63.81	TW_1999_ChiChi_08_360	1.18 2	20.01	TW_1999_ChiChi_08_360	1.18 2	20.01	JP_2018_Hokkaido_05_EW	0.31 0	48.29
	12	US_1989_Loma Prieta_03_0	1.06 2	26.91	TW_1999_ChiChi_08_90	1.01 0	27.37	JP_2016_14APR_NS	1.13 7	48.80	US_1989_Loma Prieta_06_90	1.39 4	20.53	US_1989_Loma Prieta_06_90	1.39 4	20.53	JP_2018_Hokkaido_05_NS	0.34 8	45.66
	13	TW_1999_ChiChi_08_90	1.01 0	27.37	US_1989_Loma Prieta_03_90	1.37 5	27.74	JP_2016_28DEC_NS	0.68 4	69.75	US_1989_Loma Prieta_03_90	1.12 1	20.55	US_1989_Loma Prieta_03_90	1.12 1	20.55	JP_2018_Hokkaido_07_NS	0.31 8	38.12
	14	US_1989_Loma Prieta_03_90	1.37 5	27.74	JP_2004_14DEC_EW	0.41 9	27.89	JP_2016_Kumamoto_01_ EW	0.82 5	29.44	US_1994_Northridge_02_9 0	1.18 2	20.92	US_1994_Northridge_02_9 0	1.18 2	20.92	PE_2012_14MAY_NS	4.00 0	41.79
	15	JP_2016_Kumamoto_03_ NS	1.01 9	27.83	TW_1999_ChiChi_10_360	1.09 8	28.92	JP_2016_Kumamoto_01_ NS	0.60 8	29.54	JP_2004_Chuetsu_06_EW	0.55 0	21.67	JP_2004_Chuetsu_06_EW	0.55 0	21.67	TW_1999_ChiChi_03_360	0.41 5	41.33
	16	JP_2004_14DEC_EW	0.41 9	27.89	US_1994_Northridge_01_ 360	1.05 4	28.95	JP_2016_Kumamoto_05_ NS	0.85 2	57.38	TW_1999_ChiChi_01_90	0.51 3	22.30	TW_1999_ChiChi_01_90	0.51 3	22.30	TW_1999_ChiChi_04_360	0.69 3	40.94
	17	CH_2014_Iquique_02_EW	2.40 2	28.62	JP_2000_Tottori_05_NS	0.66 3	29.11	JP_2018_Hokkaido_05_E W	0.96 6	107.75	JP_2004_Chuetsu_05_EW	0.55 8	22.40	JP_2016_Kumamoto_03_E W	0.82 8	22.60	TW_1999_ChiChi_07_360	0.66 3	39.86
	18	TW_1999_ChiChi_10_360	1.09 8	28.92	JP_2016_Kumamoto_01_ EW	0.82 5	29.44	PE_2012_14MAY_EW	2.39 3	44.59	JP_2016_Kumamoto_03_E W	0.82 8	22.60	JP_2004_Chuetsu_06_NS	0.55 0	23.09	TW_1999_ChiChi_07_90	0.40 8	42.63
	19	US_1994_Northridge_01_ 360	1.05 4	28.95	JP_2016_Kumamoto_01_ NS	0.60 8	29.54	TW_1999_ChiChi_07_36 0	1.49 4	72.19	JP_2004_Chuetsu_06_NS	0.55 0	23.09	US_1989_Loma Prieta_05_195	2.39 4	23.19	US_1987_WhittierNarrows_01_27 0	1.42 4	26.96
	20	JP_2000_Tottori_05_NS	0.66 3	29.11	US_1989_Loma Prieta_06_0	1.42 6	29.81	US_1989_Loma Prieta_04_0	1.06 7	42.31	US_1989_Loma Prieta_05_195	2.39 4	23.19	JP_2018_Hokkaido_02_E W	0.86 5	23.20	US_1992_Petrolia_Aftershock_01 360	0.57 3	46.31
MSE	1	JP_2004_Chuetsu_05_E W	0.58 7	12212.2 5	JP_2004_Chuetsu_05_E W	0.58 7	12212.2 5	JP_2000_Tottori_02_NS	0.83 3	193675.6 1	JP_2004_Chuetsu_07_EW	0.80 5	11832.9 3	JP_2004_Chuetsu_07_EW	0.80 5	11832.9 3	JP_2000_Tottori_04_NS	0.73 8	176498.8 8
	2	JP_2004_Chuetsu_07_NS	0.89 2	21575.0 0	JP_2004_Chuetsu_07_NS	0.89 2	21575.0 0	JP_2000_Tottori_04_NS	0.91 5	198570.5 0	JP_2004_Chuetsu_05_EW	0.58 0	12151.4 6	JP_2004_Chuetsu_07_NS	1.03 0	13785.7 4	JP_2003_Miyagi_08_NS	0.54 3	293867.3 6
	3	US_1994_Northridge_01_ 90	1.54 1	24853.9 1	US_1994_Northridge_01_ 90	1.54 1	24853.9 1	JP_2004_14DEC_NS	0.43 9	142215.1 4	JP_2004_Chuetsu_07_NS	1.03 0	13785.7 4	TW_1999_ChiChi_10_90	0.60 3	15071.7 4	JP_2004_29NOV_01_EW	0.98 5	114249.9 1
	4	JP_2004_Chuetsu_07_E W	0.67 7	25451.0 4	JP_2004_Chuetsu_07_E W	0.67 7	25451.0 4	JP_2004_27OCT_01_NS	0.92 6	93217.14	TW_1999_ChiChi_10_90	0.60 3	15071.7 4	CH_2014_Iquique_02_EW	3.09 1	18916.9 5	JP_2007_Noto_02_NS	1.00 0	54179.72
	5	TW_1999_ChiChi_10_90	0.69 8	28725.6 7	TW_1999_ChiChi_10_90	0.69 8	28725.6 7	JP_2004_27OCT_02_NS	2.15 4	44739.92	CH_2014_Iquique_02_EW	3.09 1	18916.9 5	TW_1999_ChiChi_08_90	0.76 8	19761.9 4	JP_2009_Shizuoca_01_NS	0.81 3	103879.9 9
	6	JP_2004_14DEC_EW	0.41 9	28863.1 5	JP_2004_14DEC_EW	0.41 9	28863.1 5	JP_2004_29NOV_01_EW	1.21 9	138956.5 9	TW_1999_ChiChi_08_90	0.76 8	19761.9 4	JP_2004_14DEC_EW	0.48 3	19984.2 9	JP_2009_Shizuoca_02_EW	1.21 2	28509.66
	7	JP_2000_Tottori_05_NS	0.66 3	29829.6 0	JP_2000_Tottori_05_NS	0.66 3	29829.6 0	JP_2004_Chuetsu_04_E W	0.60 0	83245.56	US_1989_Loma Prieta_06_0	1.21 2	19965.6 1	TW_1999_ChiChi_08_360	1.15 2	20225.7 5	JP_2009_Shizuoca_02_NS	1.39 4	45728.55
	8	JP_2004_Chuetsu_05_NS	0.39 9	35923.1 6	JP_2004_Chuetsu_05_NS	0.39 9	35923.1 6	JP_2004_Chuetsu_04_N S	0.25 9	115885.4 2	JP_2004_14DEC_EW	0.48 3	19984.2 9	US_1994_Northridge_01_9 0	1.69 7	20257.9 4	JP_2011_12APR_EW	0.99 3	68566.25
	9	JP_2016_Kumamoto_05_ EW	1.34 7	37041.8 5	US_1989_Loma Prieta_06_0	1.42 6	38811.0 0	JP_2004_Chuetsu_06_N S	0.64 0	85568.57	TW_1999_ChiChi_08_360	1.15 2	20225.7 5	JP_1997_Kagoshima_EW	0.89 5	22350.1 5	JP_2011_Fukushima_02_NS	1.60 6	82599.28
	10	US_1989_Loma Prieta_06_0	1.42 6	38811.0 0	JP_2009_Shizuoca_02_E W	1.39 7	41052.5 1	JP_2008_Iwate_02_NS	0.50 8	158008.7 4	US_1994_Northridge_01_9 0	1.69 7	20257.9 4	JP_2004_Chuetsu_06_EW	0.55 0	24274.4 1	JP_2012_25AGO_EW	0.81 3	155887.3 7
	11	JP_2009_Shizuoca_02_E W	1.39 7	41052.5 1	JP_2004_27OCT_02_NS	2.15 4	44739.9 2	JP_2008_Iwate_04_EW	0.36 4	290133.9 1	JP_1997_Kagoshima_EW	0.89 5	22350.1 5	US_1994_Northridge_02_9 0	1.24 2	24363.0 6	JP_2016_Kumamoto_05_NS	0.58 0	137636.2 2
	12	JP_2004_27OCT_02_NS	2.15 4	44739.9 2	JP_1997_Kagoshima_EW	1.07 9	45596.9 4	JP_2016_14APR_NS	1.13 7	108583.4 3	JP_2004_Chuetsu_05_NS	0.46 8	24152.2 5	US_1989_Loma Prieta_06_90	1.39 4	26074.8 6	JP_2016_Kumamoto_06_NS	0.91 8	38656.98
	13	CH_2014_Iquique_02_EW	2.40 2	44745.6 5	TW_1999_ChiChi_10_360	1.09 8	47260.0 5	JP_2016_28DEC_NS	0.68 4	249061.9 8	JP_2004_Chuetsu_06_EW	0.55 0	24274.4 1	JP_2016_Kumamoto_05_E W	1.54 5	27665.0 4	JP_2018_Hokkaido_02_EW	0.91 0	31532.61
	14	JP_1997_Kagoshima_EW	1.07 9	45596.9 4	US_1989_Loma Prieta_02_0	1.09 7	47934.7 9	JP_2016_Kumamoto_01_ EW	0.82 5	64552.02	US_1994_Northridge_02_9 0	1.24 2	24363.0 6	JP_2000_Tottori_05_NS	0.62 5	27825.4 0	JP_2018_Hokkaido_03_EW	0.58 8	60827.38
	15	TW_1999_ChiChi_10_360	1.09 8	47260.0 5	CH_2012_GO05_EW	2.12 2	49688.8 2	JP_2016_Kumamoto_01_ NS	0.60 8	92993.92	US_1989_Loma Prieta_06_90	1.39 4	26074.8 6	JP_2009_Shizuoca_02_EW	1.21 2	28509.6 6	JP_2018_Hokkaido_03_NS	0.60 3	88925.96
	16	US_1989_Loma Prieta_02_0	1.09 7	47934.7 9	JP_2018_Osake_NS	1.26 3	50995.4 8	JP_2016_Kumamoto_05_ NS	0.85 2	226824.7 1	JP_2016_Kumamoto_05_E W	1.54 5	27665.0 4	JP_2011_15MAR_NS	0.67 0	29048.7 1	JP_2018_Hokkaido_05_EW	0.42 3	156672.5 8
	17	CH_2012_GO05_EW	2.12 2	49688.8 2	JP_2008_Iwate_03_EW	0.42 5	51596.5 7	JP_2018_Hokkaido_05_E W	0.96 6	811953.4 6	JP_2000_Tottori_05_NS	0.62 5	27825.4 0	JP_2000_Tottori_01_EW	0.80 5	29231.1 2	JP_2018_Hokkaido_07_NS	0.27 3	73225.82
	18	JP_2016_Kumamoto_04_ EW	0.73 1	50993.6 0	US_1989_Loma Prieta_06_90	1.70 3	51775.2 2	PE_2012_14MAY_EW	2.39 3	96346.73	JP_2009_Shizuoca_02_EW	1.21 2	28509.6 6	US_1989_Loma Prieta_03_90	1.12 1	29472.7 3	JP_2018_Osake_NS	1.09 1	35714.62
	19	JP_2018_Osake_NS	1.26 3	50995.4 8	JP_2004_29NOV_01_NS	1.67 9	51809.6 4	TW_1999_ChiChi_07_36 0	1.49 4	337756.9 4	JP_2011_15MAR_NS	0.67 0	29048.7 1	US_1989_Loma Prieta_05_195	2.54 5	29927.1 3	TW_1999_ChiChi_03_360	0.43 8	106691.8 0
	20	JP_2008_Iwate_03_EW	0.42 5	51596.5 7	CH_2014_Iquique_02_NS	3.30 7	52877.7 2	US_1989_Loma Prieta_04_0	1.06 7	224142.2 4	JP_2000_Tottori_01_EW	0.80 5	29231.1 2	JP_2016_Kumamoto_01_E W	0.65 5	30183.8 2	US_1992_Petrolia_Aftershock_01 360	0.62 5	135513.2 1
RMS E	1	JP_2004_Chuetsu_05_E W	0.58 7	110.51	JP_2004_Chuetsu_05_E W	0.58 7	110.51	JP_2000_Tottori_02_NS	0.83 3	440.09	JP_2004_Chuetsu_07_EW	0.80 5	108.78	JP_2004_Chuetsu_07_EW	0.80 5	108.78	JP_2000_Tottori_04_NS	0.73 8	420.12
	2	JP_2004_Chuetsu_07_NS	0.89 2	146.88	JP_2004_Chuetsu_07_NS	0.89 2	146.88	JP_2000_Tottori_04_NS	0.91 5	445.61	JP_2004_Chuetsu_05_EW	0.58 0	110.23	JP_2004_Chuetsu_07_NS	1.03 0	117.41	JP_2003_Miyagi_08_NS	0.54 3	542.10
	3	US_1994_Northridge_01_ 90	1.54 1	157.65	US_1994_Northridge_01_ 90	1.54 1	157.65	JP_2004_14DEC_NS	0.43 9	377.11	JP_2004_Chuetsu_07_NS	1.03 0	117.41	TW_1999_ChiChi_10_90	0.60 3	122.77	JP_2004_29NOV_01_EW	0.98 5	338.01
	4	JP_2004_Chuetsu_07_E W	0.67 7	159.53	JP_2004_Chuetsu_07_E W	0.67 7	159.53	JP_2004_27OCT_01_NS	0.92 6	305.31	TW_1999_ChiChi_10_90	0.60 3	122.77	CH_2014_Iquique_02_EW	3.09 1	137.54	JP_2007_Noto_02_NS	1.00 0	232.77
	5	TW_1999_ChiChi_10_90	0.69 8	169.49	TW_1999_ChiChi_10_90	0.69 8	169.49	JP_2004_27OCT_02_NS	2.15 4	211.52	CH_2014_Iquique_02_EW	3.09 1	137.54	TW_1999_ChiChi_08_90	0.76 8	140.58	JP_2009_Shizuoca_01_NS	0.81 3	322.30

	6	JP_2004_14DEC_EW	0.41 9	169.89	JP_2004_14DEC_EW	0.41 9	169.89	JP_2004_29NOV_01_EW	1.21 9	372.77	TW_1999_ChiChi_08_90	0.76 8	140.58	JP_2004_14DEC_EW	0.48 3	141.37	JP_2009_Shizuoca_02_EW	1.21 2	168.85
	7	JP_2000_Tottori_05_NS	0.66 3	172.71	JP_2000_Tottori_05_NS	0.66 3	172.71	JP_2004_Chuetsu_04_E W	0.60 0	288.52	US_1989_Loma Prieta_06_0	1.21 2	141.30	TW_1999_ChiChi_08_360	1.15 2	142.22	JP_2009_Shizuoca_02_NS	1.39 4	213.84
	8	JP_2004_Chuetsu_05_NS	0.39 9	189.53	JP_2004_Chuetsu_05_NS	0.39 9	189.53	JP_2004_Chuetsu_04_N S	0.25 9	340.42	JP_2004_14DEC_EW	0.48 3	141.37	US_1994_Northridge_01_9 0	1.69 7	142.33	JP_2011_12APR_EW	0.99 3	261.85
	9	JP_2016_Kumamoto_05_ EW	1.34 7	192.46	US_1989_Loma Prieta_06_0	1.42 6	197.01	JP_2004_Chuetsu_06_N S	0.64 0	292.52	TW_1999_ChiChi_08_360	1.15 2	142.22	JP_1997_Kagoshima_EW	0.89 5	149.50	JP_2011_Fukushima_02_NS	1.60 6	287.40
	10	US_1989_Loma Prieta_06_0	1.42 6	197.01	JP_2009_Shizuoca_02_E W	1.39 7	202.61	JP_2008_Iwate_02_NS	0.50 8	397.50	US_1994_Northridge_01_9 0	1.69 7	142.33	JP_2004_Chuetsu_06_EW	0.55 0	155.80	JP_2012_25AGO_EW	0.81 3	394.83
	11	JP_2009_Shizuoca_02_E W	1.39 7	202.61	JP_2004_27OCT_02_NS	2.15 4	211.52	JP_2008_Iwate_04_EW	0.36 4	538.64	JP_1997_Kagoshima_EW	0.89 5	149.50	US_1994_Northridge_02_9 0	1.24 2	156.09	JP_2016_Kumamoto_05_NS	0.58 0	370.99
	12	JP_2004_27OCT_02_NS	2.15 4	211.52	JP_1997_Kagoshima_EW	1.07 9	213.53	JP_2016_14APR_NS	1.13 7	329.52	JP_2004_Chuetsu_05_NS	0.46 8	155.41	US_1989_Loma Prieta_06_90	1.39 4	161.48	JP_2016_Kumamoto_06_NS	0.91 8	196.61
	13	CH_2014_Iquique_02_EW	2.40 2	211.53	TW_1999_ChiChi_10_360	1.09 8	217.39	JP_2016_28DEC_NS	0.68 4	499.06	JP_2004_Chuetsu_06_EW	0.55 0	155.80	JP_2016_Kumamoto_05_E W	1.54 5	166.33	JP_2018_Hokkaido_02_EW	0.91 0	177.57
	14	JP_1997_Kagoshima_EW	1.07 9	213.53	US_1989_Loma Prieta_02_0	1.09 7	218.94	JP_2016_Kumamoto_01_ EW	0.82 5	254.07	US_1994_Northridge_02_9 0	1.24 2	156.09	JP_2000_Tottori_05_NS	0.62 5	166.81	JP_2018_Hokkaido_03_EW	0.58 8	246.63
	15	TW_1999_ChiChi_10_360	1.09 8	217.39	CH_2012_GO05_EW	2.12 2	222.91	JP_2016_Kumamoto_01_ NS	0.60 8	304.95	US_1989_Loma Prieta_06_90	1.39 4	161.48	JP_2009_Shizuoca_02_EW	1.21 2	168.85	JP_2018_Hokkaido_03_NS	0.60 3	298.20
	16	US_1989_Loma Prieta_02_0	1.09 7	218.94	JP_2018_Osake_NS	1.26 3	225.82	JP_2016_Kumamoto_05_ NS	0.85 2	476.26	JP_2016_Kumamoto_05_E W	1.54 5	166.33	JP_2011_15MAR_NS	0.67 0	170.44	JP_2018_Hokkaido_05_EW	0.42 3	395.82
	17	CH_2012_GO05_EW	2.12 2	222.91	JP_2008_Iwate_03_EW	0.42 5	227.15	JP_2018_Hokkaido_05_E W	0.96 6	901.08	JP_2000_Tottori_05_NS	0.62 5	166.81	JP_2000_Tottori_01_EW	0.80 5	170.97	JP_2018_Hokkaido_07_NS	0.27 3	270.60
	18	JP_2016_Kumamoto_04_ EW	0.73 1	225.82	US_1989_Loma Prieta_06_90	1.70 3	227.54	PE_2012_14MAY_EW	2.39 3	310.40	JP_2009_Shizuoca_02_EW	1.21 2	168.85	US_1989_Loma Prieta_03_90	1.12 1	171.68	JP_2018_Osake_NS	1.09 1	188.98
	19	JP_2018_Osake_NS	1.26 3	225.82	JP_2004_29NOV_01_NS	1.67 9	227.62	TW_1999_ChiChi_07_36 0	1.49 4	581.17	JP_2011_15MAR_NS	0.67 0	170.44	US_1989_Loma Prieta_05_195	2.54 5	172.99	TW_1999_ChiChi_03_360	0.43 8	326.64
	20	JP_2008_Iwate_03_EW	0.42 5	227.15	CH_2014_Iquique_02_NS	3.30 7	229.95	US_1989_Loma Prieta_04_0	1.06 7	473.44	JP_2000_Tottori_01_EW	0.80 5	170.97	JP_2016_Kumamoto_01_E W	0.65 5	173.73	US_1992_Petrolia_Aftershock_01 360	0.62 5	368.12

REGISTROS SELECCIONADOS CASO Ymr-I T=0.08s - TSepu-tr-2475																			
Caso:		TSepu-tr-2475_NSp_Sbs			TSepu-tr-2475_NSp_Sci			TSepu-tr-2475_NSp_Ssr			TSepu-tr-2475_NSr_Sbs			TSepu-tr-2475_NSr_Sci			TSepu-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetsu_05_EW	0.76 1	104.40	JP_2004_Chuetsu_05_EW	0.76 1	104.40	JP_2003_Miyagi_07_EW	0.61 2	541.27	JP_2004_Chuetsu_05_EW	0.74 5	101.27	JP_2004_Chuetsu_07_EW	1.06 1	104.65	CH_2012_GO05_NS	4.00 0	259.15
	2	US_1994_Northridge_01_90	1.99 6	148.77	US_1994_Northridge_01_90	1.99 6	148.77	JP_2004_27OCT_01_EW	1.84 0	324.57	JP_2004_Chuetsu_07_EW	1.06 1	104.65	JP_2004_Chuetsu_07_NS	1.33 3	130.96	JP_2003_Miyagi_07_NS	0.45 3	579.30
	3	JP_2004_Chuetsu_07_NS	1.15 6	161.99	JP_2004_Chuetsu_07_NS	1.15 6	161.99	JP_2004_Chuetsu_04_EW	0.77 7	325.13	JP_2004_Chuetsu_07_NS	1.33 3	130.96	US_1994_Northridge_01_90	2.12 1	134.07	JP_2004_14DEC_EW	0.61 0	165.72
	4	TW_1999_ChiChi_10_90	0.90 5	170.21	TW_1999_ChiChi_10_90	0.90 5	170.21	JP_2004_Chuetsu_06_NS	0.83 0	258.78	US_1994_Northridge_01_90	2.12 1	134.07	TW_1999_ChiChi_10_90	0.82 0	140.13	JP_2004_27OCT_01_NS	1.24 2	326.27
	5	JP_2004_Chuetsu_07_EW	0.87 7	174.53	JP_2004_Chuetsu_07_EW	0.87 7	174.53	JP_2004_Chuetsu_07_NS	1.15 6	161.99	TW_1999_ChiChi_10_90	0.82 0	140.13	TW_1999_ChiChi_08_90	0.97 8	142.78	JP_2004_27OCT_02_NS	3.00 0	226.44
	6	JP_2004_14DEC_EW	0.54 3	185.54	JP_2004_14DEC_EW	0.54 3	185.54	JP_2007_Noto_02_NS	1.75 9	324.59	TW_1999_ChiChi_08_90	0.97 8	142.78	US_1989_Loma Prieta_06_0	1.51 5	143.67	JP_2004_27OCT_03_E W	1.57 6	274.67
	7	JP_2016_Kumamoto_05_EW	1.74 5	188.10	JP_2009_Shizuoca_02_EW	1.81 0	191.66	JP_2008_Iwate_02_NS	0.65 8	382.86	US_1989_Loma Prieta_06_0	1.51 5	143.67	CH_2014_Iquique_02_EW	4.00 0	148.48	JP_2004_Chuetsu_04_N S	0.36 3	380.97
	8	JP_2009_Shizuoca_02_EW	1.81 0	191.66	JP_2004_Chuetsu_05_NS	0.51 7	194.26	JP_2009_Shizuoca_01_EW	1.51 8	478.21	CH_2014_Iquique_02_EW	4.00 0	148.48	JP_2009_Shizuoca_02_E W	1.57 6	152.57	JP_2004_Chuetsu_07_N S	1.33 3	130.96
	9	JP_2004_Chuetsu_05_NS	0.51 7	194.26	JP_2000_Tottori_05_NS	0.85 9	196.12	JP_2009_Shizuoca_01_NS	1.76 2	510.73	JP_2009_Shizuoca_02_E W	1.57 6	152.57	US_1994_Northridge_02_90	1.51 5	160.38	JP_2007_Noto_01_NS	0.73 0	271.10
	10	JP_2000_Tottori_05_NS	0.85 9	196.12	US_1989_Loma Prieta_06_0	1.84 8	205.91	JP_2011_12APR_EW	1.72 0	360.08	US_1994_Northridge_02_90	1.51 5	160.38	TW_1999_ChiChi_08_360	1.45 5	162.35	JP_2008_Iwate_02_EW	0.29 5	280.09
	11	US_1989_Loma Prieta_06_0	1.84 8	205.91	JP_1997_Kagoshima_EW	1.39 9	211.54	JP_2016_Kumamoto_05_NS	1.10 4	355.25	TW_1999_ChiChi_08_360	1.45 5	162.35	JP_2016_Kumamoto_05_ EW	2.03 0	163.30	JP_2008_Iwate_03_EW	0.55 0	248.12
	12	JP_1997_Kagoshima_EW	1.39 9	211.54	US_1989_Loma Prieta_06_90	2.20 6	213.82	JP_2016_Kumamoto_06_EW	2.12 7	581.00	JP_2016_Kumamoto_05_ EW	2.03 0	163.30	US_1989_Loma Prieta_05_195	3.42 4	164.62	JP_2011_Fukushima_02 NS	1.72 7	314.05
	13	US_1989_Loma Prieta_06_90	2.20 6	213.82	US_1989_Loma Prieta_03_90	1.78 1	224.85	JP_2016_Kumamoto_06_NS	1.75 2	405.95	US_1989_Loma Prieta_05_195	3.42 4	164.62	JP_2004_14DEC_EW	0.61 0	165.72	JP_2016_14APR_NS	1.51 5	368.38
	14	US_1989_Loma Prieta_03_90	1.78 1	224.85	JP_2016_Kumamoto_03_EW	1.20 0	226.55	JP_2018_Hokkaido_07_NS	0.59 8	481.13	JP_2004_14DEC_EW	0.61 0	165.72	JP_2004_Chuetsu_06_EW	0.71 5	168.70	JP_2016_Kumamoto_03 EW	1.09 1	212.02
	15	JP_2016_Kumamoto_03_EW	1.20 0	226.55	JP_2004_27OCT_02_NS	2.79 1	228.81	JP_2018_Osake_NS	1.63 6	254.10	JP_2004_Chuetsu_06_EW	0.71 5	168.70	JP_1997_Kagoshima_EW	1.21 2	172.92	JP_2016_Kumamoto_03 NS	1.15 2	221.83
	16	JP_2004_27OCT_02_NS	2.79 1	228.81	JP_2004_29NOV_01_NS	2.17 5	232.54	TW_1999_ChiChi_07_360	1.93 5	515.67	JP_2004_Chuetsu_05_NS	0.57 3	170.61	US_1989_Loma Prieta_06_90	1.87 9	174.36	JP_2016_Kumamoto_05 EW	2.03 0	163.30
	17	CH_2014_Iquique_02_EW	3.11 2	230.91	US_1987_WhittierNarrows_01 360	1.70 8	247.29	TW_1999_ChiChi_10_90	0.90 5	170.21	JP_1997_Kagoshima_EW	1.21 2	172.92	US_1994_Northridge_02_360	1.66 7	176.61	JP_2021_Miyagi_02_EW	1.48 5	390.26
	18	JP_2004_29NOV_01_NS	2.17 5	232.54	JP_2008_Iwate_03_EW	0.55 0	248.08	US_1989_Loma Prieta_06_0	1.84 8	205.91	US_1989_Loma Prieta_06_90	1.87 9	174.36	US_1989_Loma Prieta_03_90	1.51 5	176.77	PE_2012_14MAY_NS	4.00 0	439.09

	19	JP_2016_Kumamoto_03_NS	1.321	246.39	TW_1999_ChiChi_10_360	1.423	248.57	US_1989_Loma Prieta_06_90	2.206	213.82	US_1994_Northridge_02_360	1.667	176.61	JP_2004_Chuetsu_06_NS	0.670	186.35	US_1989_Loma Prieta_02_0	1.303	257.68
	20	US_1987_WhittierNarrows_01_360	1.708	247.29	CH_2012_GO05_EW	2.749	250.95	US_1992_Petrolia_Aftershock_01_360	1.164	414.55	US_1989_Loma Prieta_03_90	1.515	176.77	US_1992_Petrolia_02_270	1.424	187.08	US_1992_Petrolia_01_0	1.152	290.37
MAP E	1	US_1994_Northridge_01_90	1.996	19.35	US_1994_Northridge_01_90	1.996	19.35	JP_2003_Miyagi_07_EW	0.612	67.38	JP_2004_Chuetsu_07_EW	1.091	14.64	JP_2004_Chuetsu_07_EW	1.091	14.64	CH_2012_GO05_EW	3.394	25.01
	2	TW_1999_ChiChi_10_90	0.905	20.12	TW_1999_ChiChi_10_90	0.905	20.12	JP_2004_27OCT_01_EW	1.840	45.94	US_1989_Loma Prieta_06_0	1.394	16.15	US_1989_Loma Prieta_06_0	1.394	16.15	CH_2012_GO05_NS	4.000	36.59
	3	JP_2016_Kumamoto_05_EW	1.745	21.12	JP_2004_Chuetsu_07_NS	1.156	21.58	JP_2004_Chuetsu_04_EW	0.777	43.13	JP_2004_Chuetsu_07_NS	1.364	16.20	JP_2004_Chuetsu_07_NS	1.364	16.20	JP_2003_Miyagi_07_NS	0.453	70.91
	4	JP_2004_Chuetsu_07_NS	1.156	21.58	JP_2004_Chuetsu_05_EW	0.761	22.00	JP_2004_Chuetsu_06_NS	0.830	27.38	US_1994_Northridge_01_90	2.273	16.90	US_1994_Northridge_01_90	2.273	16.90	JP_2004_14DEC_EW	0.618	25.12
	5	JP_2004_Chuetsu_05_EW	0.761	22.00	JP_2009_Shizuoca_02_EW	1.810	22.84	JP_2004_Chuetsu_07_NS	1.156	21.58	CH_2014_Iquique_02_EW	4.000	17.07	CH_2014_Iquique_02_EW	4.000	17.07	JP_2004_27OCT_02_NS	3.121	29.69
	6	JP_2009_Shizuoca_02_EW	1.810	22.84	JP_2004_Chuetsu_07_EW	0.877	23.78	JP_2007_Noto_02_NS	1.759	45.85	TW_1999_ChiChi_08_90	1.030	18.55	TW_1999_ChiChi_08_90	1.030	18.55	JP_2004_27OCT_03_EW	1.606	36.49
	7	JP_2004_Chuetsu_07_EW	0.877	23.78	JP_2016_Kumamoto_03_EW	1.200	24.91	JP_2008_Iwate_02_NS	0.658	47.92	TW_1999_ChiChi_10_90	0.828	18.79	TW_1999_ChiChi_10_90	0.828	18.79	JP_2004_Chuetsu_04_NS	0.363	49.22
	8	JP_2016_Kumamoto_03_EW	1.200	24.91	US_1989_Loma Prieta_06_90	2.206	26.41	JP_2009_Shizuoca_01_EW	1.518	57.47	JP_2016_Kumamoto_05_EW	2.000	18.85	JP_2016_Kumamoto_05_EW	2.000	18.85	JP_2007_Noto_01_NS	0.783	37.61
	9	US_1989_Loma Prieta_06_90	2.206	26.41	JP_1997_Kagoshima_EW	1.399	26.97	JP_2009_Shizuoca_01_NS	1.762	57.97	US_1994_Northridge_02_360	1.667	19.02	US_1994_Northridge_02_360	1.667	19.02	JP_2008_Iwate_02_EW	0.295	42.05
	10	JP_1997_Kagoshima_EW	1.399	26.97	JP_2004_Chuetsu_06_NS	0.830	27.38	JP_2011_12APR_EW	1.720	44.41	JP_2009_Shizuoca_02_EW	1.576	19.50	JP_2009_Shizuoca_02_EW	1.576	19.50	JP_2008_Iwate_03_EW	0.580	33.94
	11	JP_2004_Chuetsu_06_NS	0.830	27.38	JP_2004_14DEC_EW	0.543	27.97	JP_2016_Kumamoto_05_NS	1.104	56.01	US_1994_Northridge_02_90	1.485	20.23	US_1994_Northridge_02_90	1.485	20.23	JP_2011_Fukushima_02_NS	1.606	34.67
	12	JP_2016_Kumamoto_03_NS	1.321	27.56	US_1989_Loma Prieta_03_90	1.781	28.08	JP_2016_Kumamoto_06_EW	2.127	72.14	US_1989_Loma Prieta_03_90	1.455	20.58	US_1989_Loma Prieta_03_90	1.455	20.58	JP_2013_25FEB_EW	0.745	38.22
	13	JP_2004_14DEC_EW	0.543	27.97	TW_1999_ChiChi_08_90	1.309	28.24	JP_2016_Kumamoto_06_NS	1.752	59.13	JP_2004_Chuetsu_05_EW	0.723	20.76	US_1989_Loma Prieta_06_90	1.818	20.86	JP_2016_14APR_NS	1.545	48.66
	14	US_1989_Loma Prieta_03_90	1.781	28.08	JP_2004_Chuetsu_05_NS	0.517	28.49	JP_2018_Hokkaido_07_NS	0.598	53.97	US_1989_Loma Prieta_06_90	1.818	20.86	TW_1999_ChiChi_08_360	1.545	20.99	JP_2016_Kumamoto_03_NS	1.152	24.56
	15	TW_1999_ChiChi_08_90	1.309	28.24	US_1989_Loma Prieta_03_0	1.376	28.67	JP_2018_Osake_NS	1.636	33.77	TW_1999_ChiChi_08_360	1.545	20.99	TW_1999_ChiChi_01_90	0.648	21.78	JP_2016_Kumamoto_05_EW	2.000	18.85
	16	JP_2004_Chuetsu_05_NS	0.517	28.49	US_1989_Loma Prieta_06_0	1.848	28.94	TW_1999_ChiChi_07_360	1.935	70.98	TW_1999_ChiChi_01_90	0.648	21.78	JP_2004_Chuetsu_06_EW	0.708	22.02	JP_2018_Hokkaido_05_EW	0.423	48.12
	17	CH_2014_Iquique_02_EW	3.112	28.65	JP_2016_Kumamoto_01_NS	0.788	29.42	TW_1999_ChiChi_10_90	0.905	20.12	JP_2004_Chuetsu_06_EW	0.708	22.02	US_1989_Loma Prieta_05_195	3.242	22.16	JP_2018_Hokkaido_05_NS	0.475	45.42
	18	US_1989_Loma Prieta_03_0	1.376	28.67	US_1994_Northridge_01_360	1.365	29.80	US_1989_Loma Prieta_06_0	1.848	28.94	US_1989_Loma Prieta_05_195	3.242	22.16	US_1992_Petrolia_02_270	1.364	23.05	PE_2012_14MAY_NS	4.000	53.89
	19	US_1989_Loma Prieta_06_0	1.848	28.94	JP_2000_Tottori_05_NS	0.859	30.07	US_1989_Loma Prieta_06_90	2.206	26.41	US_1992_Petrolia_02_270	1.364	23.05	JP_2016_Kumamoto_03_EW	1.091	23.08	TW_1999_ChiChi_07_90	0.550	42.31
	20	JP_2016_Kumamoto_01_NS	0.788	29.42	JP_2016_Kumamoto_01_EW	1.068	30.40	US_1992_Petrolia_Aftershock_01_360	1.164	54.54	JP_2016_Kumamoto_03_EW	1.091	23.08	US_1989_Loma Prieta_05_285	1.394	23.54	US_1989_Loma Prieta_02_0	1.424	36.00
MSE	1	JP_2004_Chuetsu_05_EW	0.761	19198.11	JP_2004_Chuetsu_05_EW	0.761	19198.11	JP_2003_Miyagi_07_EW	0.612	386446.93	JP_2004_Chuetsu_05_EW	0.738	18577.69	JP_2004_Chuetsu_07_EW	1.030	20277.26	CH_2012_GO05_EW	3.182	65705.74
	2	JP_2004_Chuetsu_07_NS	1.156	35156.07	JP_2004_Chuetsu_07_NS	1.156	35156.07	JP_2004_27OCT_01_EW	1.840	137221.51	JP_2004_Chuetsu_07_EW	1.030	20277.26	JP_2004_Chuetsu_07_NS	1.303	25675.68	JP_2004_27OCT_02_NS	3.000	71584.10
	3	US_1994_Northridge_01_90	1.996	37464.68	US_1994_Northridge_01_90	1.996	37464.68	JP_2004_Chuetsu_04_EW	0.777	154853.41	JP_2004_Chuetsu_07_NS	1.303	25675.68	TW_1999_ChiChi_10_90	0.768	28414.23	JP_2004_27OCT_03_EW	1.545	106578.97
	4	JP_2004_Chuetsu_07_EW	0.877	38475.81	JP_2004_Chuetsu_07_EW	0.877	38475.81	JP_2004_Chuetsu_06_NS	0.830	155780.63	TW_1999_ChiChi_10_90	0.768	28414.23	US_1994_Northridge_01_90	2.152	32218.89	JP_2004_Chuetsu_04_NS	0.348	195335.79
	5	JP_2004_14DEC_EW	0.543	48189.20	JP_2004_14DEC_EW	0.543	48189.20	JP_2004_Chuetsu_07_NS	1.156	35156.07	US_1989_Loma Prieta_06_0	1.545	30668.88	TW_1999_ChiChi_08_90	0.985	32384.23	JP_2004_Chuetsu_07_EW	1.030	20277.26
	6	JP_2000_Tottori_05_NS	0.859	55619.79	JP_2000_Tottori_05_NS	0.859	55619.79	JP_2007_Noto_02_NS	1.759	192006.86	US_1994_Northridge_01_90	2.152	32218.89	CH_2014_Iquique_02_EW	3.909	33505.75	JP_2008_Iwate_02_EW	0.303	116154.01
	7	JP_2016_Kumamoto_05_EW	1.745	55975.45	TW_1999_ChiChi_10_90	0.905	57017.57	JP_2008_Iwate_02_NS	0.658	286785.13	TW_1999_ChiChi_08_90	0.985	32384.23	TW_1999_ChiChi_08_360	1.455	37101.72	JP_2008_Iwate_03_EW	0.535	94135.69
	8	TW_1999_ChiChi_10_90	0.905	57017.57	JP_2004_Chuetsu_05_NS	0.517	58871.59	JP_2009_Shizuoca_01_EW	1.518	401021.90	CH_2014_Iquique_02_EW	3.909	33505.75	JP_1997_Kagoshima_EW	1.121	37235.55	JP_2011_19MAR_01_EW	1.121	374334.85
	9	JP_2004_Chuetsu_05_NS	0.517	58871.59	US_1989_Loma Prieta_06_0	1.848	67738.89	JP_2009_Shizuoca_01_NS	1.762	553331.67	TW_1999_ChiChi_08_360	1.455	37101.72	JP_2004_14DEC_EW	0.610	37402.21	JP_2011_Fukushima_02_NS	2.061	124056.56
	10	US_1989_Loma Prieta_06_0	1.848	67738.89	JP_2009_Shizuoca_02_EW	1.810	67904.70	JP_2011_12APR_EW	1.720	228770.81	JP_1997_Kagoshima_EW	1.121	37235.55	US_1994_Northridge_02_90	1.576	37890.85	JP_2011_Fukushima_06_EW	1.182	82516.85
	11	JP_2009_Shizuoca_02_EW	1.810	67904.70	JP_2004_27OCT_02_NS	2.791	75412.61	JP_2016_Kumamoto_05_NS	1.104	375664.31	JP_2004_14DEC_EW	0.610	37402.21	JP_2004_Chuetsu_06_EW	0.708	39908.01	JP_2012_25AGO_EW	1.030	267091.10
	12	CH_2014_Iquique_02_EW	3.112	70051.82	CH_2012_GO05_EW	2.749	80329.40	JP_2016_Kumamoto_06_EW	2.127	556514.24	US_1994_Northridge_02_90	1.576	37890.85	JP_2009_Shizuoca_02_EW	1.545	42742.74	JP_2012_25AGO_NS	1.364	268960.75
	13	JP_2004_27OCT_02_NS	2.791	75412.61	JP_1997_Kagoshima_EW	1.399	82678.95	JP_2016_Kumamoto_06_NS	1.752	268563.24	JP_2004_Chuetsu_06_EW	0.708	39908.01	JP_2016_Kumamoto_05_EW	1.970	43734.22	JP_2018_Hokkaido_02_EW	1.152	54046.95
	14	CH_2012_GO05_EW	2.749	80329.40	JP_2000_Tottori_01_EW	0.815	86487.78	JP_2018_Hokkaido_07_NS	0.598	528356.30	JP_2009_Shizuoca_02_EW	1.545	42742.74	US_1989_Loma Prieta_06_90	1.758	47109.60	JP_2021_Miyagi_02_EW	1.455	223617.69
	15	JP_1997_Kagoshima_EW	1.399	82678.95	TW_1999_ChiChi_10_360	1.423	86575.32	JP_2018_Osake_NS	1.636	98684.73	JP_2016_Kumamoto_05_EW	1.970	43734.22	US_1989_Loma Prieta_05_195	3.242	47174.67	JP_2021_Miyagi_02_NS	0.535	300670.36
	16	JP_2016_Kumamoto_04_EW	0.947	83421.58	US_1989_Loma Prieta_02_0	1.421	88461.68	TW_1999_ChiChi_07_360	1.935	557206.34	JP_2004_Chuetsu_05_NS	0.595	43838.99	US_1992_Petrolia_02_270	1.455	49202.50	PE_2012_14MAY_EW	3.697	140236.52
	17	JP_2000_Tottori_01_EW	0.815	86487.78	JP_2004_29NOV_01_NS	2.175	94226.41	TW_1999_ChiChi_10_90	0.905	57017.57	US_1989_Loma Prieta_06_90	1.758	47109.60	JP_2000_Tottori_05_NS	0.790	49856.47	PE_2012_14MAY_NS	4.000	234974.04

	18	TW_1999_ChiChi_10_360	1.423	86575.32	JP_2008_Iwate_03_EW	0.550	94660.85	US_1989_Loma Prieta_06_0	1.848	67738.89	US_1989_Loma Prieta_05_195	3.242	47174.67	JP_2011_15MAR_NS	0.850	51179.37	TW_1999_ChiChi_01_360	0.678	67956.49
	19	US_1989_Loma Prieta_02_0	1.421	88461.68	US_1989_Loma Prieta_06_90	2.206	98016.88	US_1989_Loma Prieta_06_90	2.206	98016.88	US_1992_Petrolia_02_270	1.455	49202.50	US_1994_Northridge_02_360	1.788	51193.67	TW_1999_ChiChi_03_360	0.565	165661.22
	20	JP_2004_29NOV_01_NS	2.175	94226.41	JP_2018_Osake_NS	1.636	98684.73	US_1992_Petrolia_Aftershock_01_360	1.164	343090.85	JP_2000_Tottori_05_NS	0.790	49856.47	US_1989_Loma Prieta_03_90	1.424	51960.40	TW_1999_ChiChi_07_90	0.738	213748.46
RMS E	1	JP_2004_Chuetsu_05_EW	0.761	138.56	JP_2004_Chuetsu_05_EW	0.761	138.56	JP_2003_Miyagi_07_EW	0.612	621.65	JP_2004_Chuetsu_05_EW	0.738	136.30	JP_2004_Chuetsu_07_EW	1.030	142.40	CH_2012_GO05_EW	3.182	256.33
	2	JP_2004_Chuetsu_07_NS	1.156	187.50	JP_2004_Chuetsu_07_NS	1.156	187.50	JP_2004_27OCT_01_EW	1.840	370.43	JP_2004_Chuetsu_07_EW	1.030	142.40	JP_2004_Chuetsu_07_NS	1.303	160.24	JP_2004_27OCT_02_NS	3.000	267.55
	3	US_1994_Northridge_01_90	1.996	193.56	US_1994_Northridge_01_90	1.996	193.56	JP_2004_Chuetsu_04_EW	0.777	393.51	JP_2004_Chuetsu_07_NS	1.303	160.24	TW_1999_ChiChi_10_90	0.768	168.57	JP_2004_27OCT_03_EW	1.545	326.46
	4	JP_2004_Chuetsu_07_EW	0.877	196.15	JP_2004_Chuetsu_07_EW	0.877	196.15	JP_2004_Chuetsu_06_NS	0.830	394.69	TW_1999_ChiChi_10_90	0.768	168.57	US_1994_Northridge_01_90	2.152	179.50	JP_2004_Chuetsu_04_NS	0.348	441.97
	5	JP_2004_14DEC_EW	0.543	219.52	JP_2004_14DEC_EW	0.543	219.52	JP_2004_Chuetsu_07_NS	1.156	187.50	US_1989_Loma Prieta_06_0	1.545	175.13	TW_1999_ChiChi_08_90	0.985	179.96	JP_2004_Chuetsu_07_EW	1.030	142.40
	6	JP_2000_Tottori_05_NS	0.859	235.84	JP_2000_Tottori_05_NS	0.859	235.84	JP_2007_Noto_02_NS	1.759	438.19	US_1994_Northridge_01_90	2.152	179.50	CH_2014_Iquique_02_EW	3.909	183.05	JP_2008_Iwate_02_EW	0.303	340.81
	7	JP_2016_Kumamoto_05_EW	1.745	236.59	TW_1999_ChiChi_10_90	0.905	238.78	JP_2008_Iwate_02_NS	0.658	535.52	TW_1999_ChiChi_08_90	0.985	179.96	TW_1999_ChiChi_08_360	1.455	192.62	JP_2008_Iwate_03_EW	0.535	306.82
	8	TW_1999_ChiChi_10_90	0.905	238.78	JP_2004_Chuetsu_05_NS	0.517	242.63	JP_2009_Shizuoca_01_EW	1.518	633.26	CH_2014_Iquique_02_EW	3.909	183.05	JP_1997_Kagoshima_EW	1.121	192.97	JP_2011_19MAR_01_EW	1.121	611.83
	9	JP_2004_Chuetsu_05_NS	0.517	242.63	US_1989_Loma Prieta_06_0	1.848	260.27	JP_2009_Shizuoca_01_NS	1.762	743.86	TW_1999_ChiChi_08_360	1.455	192.62	JP_2004_14DEC_EW	0.610	193.40	JP_2011_Fukushima_02_NS	2.061	352.22
	10	US_1989_Loma Prieta_06_0	1.848	260.27	JP_2009_Shizuoca_02_EW	1.810	260.59	JP_2011_12APR_EW	1.720	478.30	JP_1997_Kagoshima_EW	1.121	192.97	US_1994_Northridge_02_90	1.576	194.66	JP_2011_Fukushima_06_EW	1.182	287.26
	11	JP_2009_Shizuoca_02_EW	1.810	260.59	JP_2004_27OCT_02_NS	2.791	274.61	JP_2016_Kumamoto_05_NS	1.104	612.91	JP_2004_14DEC_EW	0.610	193.40	JP_2004_Chuetsu_06_EW	0.708	199.77	JP_2012_25AGO_EW	1.030	516.81
	12	CH_2014_Iquique_02_EW	3.112	264.67	CH_2012_GO05_EW	2.749	283.42	JP_2016_Kumamoto_06_EW	2.127	746.00	US_1994_Northridge_02_90	1.576	194.66	JP_2009_Shizuoca_02_EW	1.545	206.74	JP_2012_25AGO_NS	1.364	518.61
	13	JP_2004_27OCT_02_NS	2.791	274.61	JP_1997_Kagoshima_EW	1.399	287.54	JP_2016_Kumamoto_06_NS	1.752	518.23	JP_2004_Chuetsu_06_EW	0.708	199.77	JP_2016_Kumamoto_05_EW	1.970	209.13	JP_2018_Hokkaido_02_EW	1.152	232.48
	14	CH_2012_GO05_EW	2.749	283.42	JP_2000_Tottori_01_EW	0.815	294.09	JP_2018_Hokkaido_07_NS	0.598	726.88	JP_2009_Shizuoca_02_EW	1.545	206.74	US_1989_Loma Prieta_06_90	1.758	217.05	JP_2021_Miyagi_02_EW	1.455	472.88
	15	JP_1997_Kagoshima_EW	1.399	287.54	TW_1999_ChiChi_10_360	1.423	294.24	JP_2018_Osake_NS	1.636	314.14	JP_2016_Kumamoto_05_EW	1.970	209.13	US_1989_Loma Prieta_05_195	3.242	217.20	JP_2021_Miyagi_02_NS	0.535	548.33
	16	JP_2016_Kumamoto_04_EW	0.947	288.83	US_1989_Loma Prieta_02_0	1.421	297.43	TW_1999_ChiChi_07_360	1.935	746.46	JP_2004_Chuetsu_05_NS	0.595	209.38	US_1992_Petrolia_02_270	1.455	221.82	PE_2012_14MAY_EW	3.697	374.48
	17	JP_2000_Tottori_01_EW	0.815	294.09	JP_2004_29NOV_01_NS	2.175	306.96	TW_1999_ChiChi_10_90	0.905	238.78	US_1989_Loma Prieta_06_90	1.758	217.05	JP_2000_Tottori_05_NS	0.790	223.29	PE_2012_14MAY_NS	4.000	484.74
	18	TW_1999_ChiChi_10_360	1.423	294.24	JP_2008_Iwate_03_EW	0.550	307.67	US_1989_Loma Prieta_06_0	1.848	260.27	US_1989_Loma Prieta_05_195	3.242	217.20	JP_2011_15MAR_NS	0.850	226.23	TW_1999_ChiChi_01_360	0.678	260.68
	19	US_1989_Loma Prieta_02_0	1.421	297.43	US_1989_Loma Prieta_06_90	2.206	313.08	US_1989_Loma Prieta_06_90	2.206	313.08	US_1992_Petrolia_02_270	1.455	221.82	US_1994_Northridge_02_360	1.788	226.26	TW_1999_ChiChi_03_360	0.565	407.02
	20	JP_2004_29NOV_01_NS	2.175	306.96	JP_2018_Osake_NS	1.636	314.14	US_1992_Petrolia_Aftershock_01_360	1.164	585.74	JP_2000_Tottori_05_NS	0.790	223.29	US_1989_Loma Prieta_03_90	1.424	227.95	TW_1999_ChiChi_07_90	0.738	462.33

REGISTROS SELECCIONADOS CASO Ymr-I T=0.16s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetsu_07_NS	1.301	79.43	JP_2004_Chuetsu_07_NS	1.301	79.43	CH_2012_GO05_EW	3.197	127.89	JP_2004_Chuetsu_07_NS	1.182	66.20	JP_2004_Chuetsu_07_NS	1.182	66.20	CH_2012_GO05_EW	3.000	126.01
	2	JP_2004_Chuetsu_07_EW	0.887	79.47	JP_2004_Chuetsu_07_EW	0.887	79.47	CH_2014_Iquique_02_EW	3.011	103.74	JP_2004_Chuetsu_07_EW	0.925	74.45	JP_2004_Chuetsu_07_EW	0.925	74.45	JP_2000_Tottori_02_NS	0.610	235.91
	3	CH_2014_Iquique_02_EW	3.011	103.74	CH_2014_Iquique_02_EW	3.011	103.74	JP_2000_Tottori_01_EW	0.800	177.50	CH_2014_Iquique_02_EW	3.455	86.22	CH_2014_Iquique_02_EW	3.455	86.22	JP_2004_Chuetsu_01_EW	0.310	234.21
	4	JP_2016_Kumamoto_05_EW	1.762	107.26	JP_2016_Kumamoto_05_EW	1.762	107.26	JP_2000_Tottori_02_NS	0.528	248.72	TW_1999_ChiChi_10_90	0.745	106.42	TW_1999_ChiChi_10_90	0.745	106.42	JP_2004_Chuetsu_06_EW	0.618	110.19
	5	JP_2004_Chuetsu_06_EW	0.620	110.11	JP_2004_Chuetsu_06_EW	0.620	110.11	JP_2004_27OCT_03_NS	0.792	179.60	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2007_16JUL_EW	0.678	291.42
	6	US_1989_Loma Prieta_06_90	1.363	120.50	US_1989_Loma Prieta_06_90	1.363	120.50	JP_2004_Chuetsu_06_EW	0.620	110.11	TW_1999_ChiChi_08_360	1.212	108.08	TW_1999_ChiChi_08_360	1.212	108.08	JP_2007_Noto_02_NS	1.091	161.44
	7	US_1989_Loma Prieta_03_90	1.115	126.29	US_1989_Loma Prieta_03_90	1.115	126.29	JP_2009_Shizuoca_03_EW	1.241	185.19	TW_1999_ChiChi_08_90	0.865	108.54	TW_1999_ChiChi_08_90	0.865	108.54	JP_2011_12APR_NS	1.061	314.02
	8	CH_2012_GO05_EW	3.197	127.89	CH_2012_GO05_EW	3.197	127.89	JP_2011_15MAR_EW	0.401	202.50	JP_2004_Chuetsu_06_EW	0.618	110.19	JP_2004_Chuetsu_06_EW	0.618	110.19	JP_2011_15MAR_EW	0.378	201.83
	9	JP_2004_14DEC_EW	0.522	128.59	JP_2004_14DEC_EW	0.522	128.59	JP_2011_Fukushima_06_EW	0.775	247.06	US_1994_Northridge_02_90	1.333	114.68	US_1994_Northridge_02_90	1.333	114.68	JP_2011_Fukushima_02_NS	1.333	223.96
	10	US_1989_Loma Prieta_05_195	2.502	129.31	US_1989_Loma Prieta_05_195	2.502	129.31	JP_2016_Kumamoto_01_EW	1.007	238.59	US_1994_Northridge_01_90	2.000	115.48	US_1994_Northridge_01_90	2.000	115.48	JP_2016_14APR_NS	1.303	261.70

	1 1	JP_2018_Hokkaido_02_EW	1.03 5	130.71	JP_2018_Hokkaido_02_EW	1.03 5	130.71	JP_2016_Kumamoto_01_ NS	0.78 0	229.10	US_1989_Loma Prieta_06_90	1.45 5	117.17	US_1989_Loma Prieta_06_90	1.45 5	117.17	JP_2016_Kumamoto_01_N S	0.53 5	159.64
	1 2	TW_1999_ChiChi_08_360	1.05 6	133.07	TW_1999_ChiChi_08_360	1.05 6	133.07	JP_2018_Hokkaido_02_E W	1.03 5	130.71	US_1994_Northridge_02_3 60	1.42 4	117.84	US_1994_Northridge_02_3 60	1.42 4	117.84	JP_2018_Hokkaido_02_EW	0.97 8	128.60
	1 3	JP_2004_Chuetsu_06_NS	0.59 1	134.76	JP_2004_Chuetsu_06_NS	0.59 1	134.76	JP_2018_Hokkaido_03_E W	0.72 4	177.27	US_1989_Loma Prieta_05_195	2.75 8	124.94	US_1989_Loma Prieta_05_195	2.75 8	124.94	JP_2018_Hokkaido_03_EW	0.66 3	176.14
	1 4	TW_1999_ChiChi_10_90	0.58 0	141.58	TW_1999_ChiChi_10_90	0.58 0	141.58	JP_2018_Hokkaido_04_N S	0.88 1	293.68	CH_2012_GO05_EW	3.00 0	126.01	CH_2012_GO05_EW	3.00 0	126.01	TW_1999_ChiChi_01_360	0.55 8	155.54
	1 5	US_1989_Loma Prieta_06_0	1.01 5	145.70	US_1989_Loma Prieta_06_0	1.01 5	145.70	TW_1999_ChiChi_04_90	1.20 8	197.70	US_1989_Loma Prieta_03_90	1.12 1	126.43	US_1989_Loma Prieta_03_90	1.12 1	126.43	TW_1999_ChiChi_04_360	0.74 5	234.02
	1 6	JP_2004_Chuetsu_05_NS	0.45 0	152.06	JP_2004_Chuetsu_05_NS	0.45 0	152.06	TW_1999_ChiChi_08_360	1.05 6	133.07	JP_2004_14DEC_EW	0.53 5	127.37	JP_2004_14DEC_EW	0.53 5	127.37	TW_1999_ChiChi_07_360	0.73 8	239.11
	1 7	TW_1999_ChiChi_08_90	0.66 1	164.34	TW_1999_ChiChi_08_90	0.66 1	164.34	US_1989_Loma Prieta_04_90	1.20 1	257.36	JP_2018_Hokkaido_02_EW	0.97 8	128.60	JP_2018_Hokkaido_02_EW	0.97 8	128.60	US_1989_Loma Prieta_04_90	0.91 0	222.54
	1 8	CH_2012_GO05_NS	3.78 7	164.55	CH_2012_GO05_NS	3.78 7	164.55	US_1989_Loma Prieta_06_0	1.01 5	145.70	TW_1999_ChiChi_01_90	0.56 5	128.96	TW_1999_ChiChi_01_90	0.56 5	128.96	US_1992_Petrolia_02_270	1.21 2	141.47
	1 9	US_1994_Northridge_02_9 0	1.66 3	165.70	US_1994_Northridge_02_9 0	1.66 3	165.70	US_1992_Big Bear_270	0.69 1	272.32	JP_2004_Chuetsu_06_NS	0.54 3	131.04	JP_2004_Chuetsu_06_NS	0.54 3	131.04	US_1994_Northridge_02_3 60	1.42 4	117.84
	2 0	US_1994_Northridge_01_9 0	2.42 5	165.91	US_1994_Northridge_01_9 0	2.42 5	165.91	US_1994_Northridge_02_9 0	1.66 3	165.70	JP_2009_Shizuoca_02_EW	1.42 4	131.15	JP_2009_Shizuoca_02_EW	1.42 4	131.15	US_1994_Northridge_02_9 0	1.33 3	114.68
MAP E	1	JP_2004_Chuetsu_07_NS	1.30 1	15.16	JP_2004_Chuetsu_07_NS	1.30 1	15.16	CH_2012_GO05_EW	3.19 7	25.11	JP_2004_Chuetsu_07_NS	1.24 2	14.81	JP_2004_Chuetsu_07_NS	1.24 2	14.81	CH_2012_GO05_EW	3.24 2	25.10
	2	JP_2016_Kumamoto_05_E W	1.76 2	19.03	JP_2016_Kumamoto_05_E W	1.76 2	19.03	CH_2014_Iquique_02_EW	3.01 1	19.15	CH_2014_Iquique_02_EW	3.51 5	15.03	CH_2014_Iquique_02_EW	3.51 5	15.03	JP_2000_Tottori_02_NS	0.65 5	54.49
	3	CH_2014_Iquique_02_EW	3.01 1	19.15	CH_2014_Iquique_02_EW	3.01 1	19.15	JP_2000_Tottori_01_EW	0.80 0	45.81	JP_2016_Kumamoto_05_E W	1.63 6	17.14	JP_2016_Kumamoto_05_E W	1.63 6	17.14	JP_2000_Tottori_05_EW	1.18 2	55.60
	4	US_1989_Loma Prieta_05_195	2.50 2	20.16	US_1989_Loma Prieta_05_195	2.50 2	20.16	JP_2000_Tottori_02_NS	0.52 8	57.95	US_1994_Northridge_02_3 60	1.39 4	18.15	US_1994_Northridge_02_3 60	1.39 4	18.15	JP_2007_16JUL_EW	0.37 8	51.32
	5	US_1989_Loma Prieta_06_90	1.36 3	20.83	US_1989_Loma Prieta_06_90	1.36 3	20.83	JP_2004_27OCT_03_NS	0.79 2	39.43	TW_1999_ChiChi_01_90	0.55 8	18.40	TW_1999_ChiChi_01_90	0.55 8	18.40	JP_2007_16JUL_NS	0.25 0	57.86
	6	JP_2004_Chuetsu_07_EW	0.88 7	22.32	JP_2004_Chuetsu_07_EW	0.88 7	22.32	JP_2004_Chuetsu_06_EW	0.62 0	23.53	US_1989_Loma Prieta_03_90	0.96 3	20.07	US_1989_Loma Prieta_03_90	0.96 3	20.07	JP_2007_Noto_02_EW	0.30 3	43.18
	7	US_1989_Loma Prieta_06_0	1.01 5	22.44	US_1989_Loma Prieta_06_0	1.01 5	22.44	JP_2009_Shizuoca_03_E W	1.24 1	46.79	US_1989_Loma Prieta_05_195	2.51 5	20.18	US_1989_Loma Prieta_05_195	2.51 5	20.18	JP_2009_Shizuoca_01_NS	1.06 1	60.79
	8	US_1989_Loma Prieta_03_90	1.11 5	22.50	US_1989_Loma Prieta_03_90	1.11 5	22.50	JP_2011_15MAR_EW	0.40 1	50.18	JP_2004_Chuetsu_07_EW	0.95 5	20.53	JP_2004_Chuetsu_07_EW	0.95 5	20.53	JP_2009_Shizuoca_03_EW	1.75 8	40.57
	9	JP_2004_Chuetsu_06_EW	0.62 0	23.53	JP_2004_Chuetsu_06_EW	0.62 0	23.53	JP_2011_Fukushima_06_ EW	0.77 5	59.59	US_1989_Loma Prieta_06_90	1.36 4	20.84	US_1989_Loma Prieta_06_90	1.36 4	20.84	JP_2011_15MAR_EW	0.43 8	49.66
	1 0	JP_2018_Hokkaido_02_EW	1.03 5	24.54	JP_2018_Hokkaido_02_EW	1.03 5	24.54	JP_2016_Kumamoto_01_ EW	1.00 7	46.03	TW_1999_ChiChi_10_90	0.84 3	21.13	TW_1999_ChiChi_10_90	0.84 3	21.13	JP_2011_Fukushima_02_N S	1.27 3	37.02
	1 1	CH_2012_GO05_EW	3.19 7	25.11	CH_2012_GO05_EW	3.19 7	25.11	JP_2016_Kumamoto_01_ NS	0.78 0	34.99	US_1994_Northridge_02_9 0	1.33 3	21.69	US_1994_Northridge_02_9 0	1.33 3	21.69	JP_2016_14APR_NS	1.54 5	57.79
	1 2	JP_2004_Chuetsu_06_NS	0.59 1	25.68	JP_2004_Chuetsu_06_NS	0.59 1	25.68	JP_2018_Hokkaido_02_E W	1.03 5	24.54	US_1989_Loma Prieta_06_0	1.03 0	22.40	US_1989_Loma Prieta_06_0	1.03 0	22.40	JP_2016_Kumamoto_06_E W	1.06 1	24.06
	1 3	US_1994_Northridge_01_3 60	1.19 8	27.36	US_1994_Northridge_01_3 60	1.19 8	27.36	JP_2018_Hokkaido_03_E W	0.72 4	37.11	TW_1999_ChiChi_08_360	1.45 5	22.41	TW_1999_ChiChi_08_360	1.45 5	22.41	JP_2018_Hokkaido_02_EW	1.03 0	24.57
	1 4	US_1994_Northridge_01_9 0	2.42 5	28.93	US_1994_Northridge_01_9 0	2.42 5	28.93	JP_2018_Hokkaido_04_N S	0.88 1	48.13	TW_1999_ChiChi_08_90	0.92 5	23.10	TW_1999_ChiChi_08_90	0.92 5	23.10	JP_2018_Hokkaido_05_NS	0.40 0	44.46
	1 5	TW_1999_ChiChi_08_360	1.05 6	28.99	TW_1999_ChiChi_08_360	1.05 6	28.99	TW_1999_ChiChi_04_90	1.20 8	50.06	JP_2004_Chuetsu_06_EW	0.61 8	23.54	JP_2004_Chuetsu_06_EW	0.61 8	23.54	TW_1999_ChiChi_04_360	0.57 3	34.73
	1 6	US_1994_Northridge_02_9 0	1.66 3	29.18	US_1994_Northridge_02_9 0	1.66 3	29.18	TW_1999_ChiChi_08_360	1.05 6	28.99	JP_2016_Kumamoto_06_E W	1.06 1	24.06	JP_2016_Kumamoto_06_E W	1.06 1	24.06	TW_1999_ChiChi_04_90	0.92 5	41.35
	1 7	US_1994_Northridge_03_9 0	0.87 2	29.89	US_1994_Northridge_03_9 0	0.87 2	29.89	US_1989_Loma Prieta_04_90	1.20 1	50.09	JP_2009_Shizuoca_02_EW	1.57 6	24.26	JP_2009_Shizuoca_02_EW	1.57 6	24.26	TW_1999_ChiChi_06_360	0.78 3	26.47
	1 8	JP_2016_Kumamoto_03_E W	0.67 2	30.57	JP_2016_Kumamoto_03_E W	0.67 2	30.57	US_1989_Loma Prieta_06_0	1.01 5	22.44	US_1994_Northridge_03_9 0	0.71 5	24.30	US_1994_Northridge_03_9 0	0.71 5	24.30	TW_1999_ChiChi_07_360	0.69 3	38.32
	1 9	JP_2016_Kumamoto_03_N S	0.65 8	30.78	JP_2016_Kumamoto_03_N S	0.65 8	30.78	US_1992_Big Bear_270	0.69 1	61.11	JP_2018_Hokkaido_02_EW	1.03 0	24.57	JP_2018_Hokkaido_02_EW	1.03 0	24.57	US_1989_Loma Prieta_03_90	0.96 3	20.07
	2 0	US_1989_Loma Prieta_04_0	1.06 5	31.44	US_1989_Loma Prieta_04_0	1.06 5	31.44	US_1994_Northridge_02_9 0	1.66 3	29.18	JP_2016_Kumamoto_01_E W	0.67 0	24.68	JP_2016_Kumamoto_01_E W	0.67 0	24.68	US_1989_Loma Prieta_04_90	0.89 5	41.34
MSE	1	JP_2004_Chuetsu_07_EW	0.88 7	9712.30	JP_2004_Chuetsu_07_EW	0.88 7	9712.30	CH_2012_GO05_EW	3.19 7	35740.39	JP_2004_Chuetsu_07_NS	1.15 2	6141.90	JP_2004_Chuetsu_07_NS	1.15 2	6141.90	CH_2012_GO05_EW	2.81 8	27888.32
	2	JP_2004_Chuetsu_07_NS	1.30 1	14106.0 0	JP_2004_Chuetsu_07_NS	1.30 1	14106.0 0	CH_2014_Iquique_02_EW	3.01 1	21671.62	JP_2004_Chuetsu_07_EW	0.91 0	9378.42	JP_2004_Chuetsu_07_EW	0.91 0	9378.42	CH_2014_Iquique_02_EW	3.45 5	14621.07
	3	JP_2004_14DEC_EW	0.52 2	20706.6 6	JP_2004_14DEC_EW	0.52 2	20706.6 6	JP_2000_Tottori_01_EW	0.80 0	39089.79	CH_2014_Iquique_02_EW	3.45 5	14621.0 7	CH_2014_Iquique_02_EW	3.45 5	14621.0 7	JP_2000_Tottori_02_NS	0.61 0	75273.93
	4	CH_2014_Iquique_02_EW	3.01 1	21671.6 2	CH_2014_Iquique_02_EW	3.01 1	21671.6 2	JP_2000_Tottori_02_NS	0.52 8	82185.83	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	JP_2004_Chuetsu_01_EW	0.29 5	96867.23
	5	JP_2004_Chuetsu_06_EW	0.62 0	22101.9 0	JP_2004_Chuetsu_06_EW	0.62 0	22101.9 0	JP_2004_27OCT_03_NS	0.79 2	46756.43	JP_2004_14DEC_EW	0.53 5	20298.4 5	JP_2004_14DEC_EW	0.53 5	20298.4 5	JP_2004_Chuetsu_01_NS	0.34 8	98081.76
	6	JP_2016_Kumamoto_05_E W	1.76 2	24397.4 9	JP_2016_Kumamoto_05_E W	1.76 2	24397.4 9	JP_2004_Chuetsu_06_EW	0.62 0	22101.90	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	JP_2004_Chuetsu_06_EW	0.61 0	21916.30
	7	TW_1999_ChiChi_10_90	0.58 0	26455.5 0	TW_1999_ChiChi_10_90	0.58 0	26455.5 0	JP_2009_Shizuoca_03_E W	1.24 1	46285.77	JP_2004_Chuetsu_06_EW	0.61 0	21916.3 0	JP_2004_Chuetsu_06_EW	0.61 0	21916.3 0	JP_2007_16JUL_EW	0.77 5	119518.7 4
	8	TW_1999_ChiChi_08_360	1.05 6	30899.5 4	TW_1999_ChiChi_08_360	1.05 6	30899.5 4	JP_2011_15MAR_EW	0.40 1	62849.07	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	JP_2007_Noto_02_NS	1.06 1	56194.30
	9	US_1989_Loma Prieta_06_90	1.36 3	31484.4 2	US_1989_Loma Prieta_06_90	1.36 3	31484.4 2	JP_2011_Fukushima_06_ EW	0.77 5	76059.99	US_1994_Northridge_01_9 0	1.90 9	23993.2 0	US_1994_Northridge_01_9 0	1.90 9	23993.2 0	JP_2009_Shizuoca_01_NS	0.89 5	98033.65

	10	JP_2004_Chuetstu_05_NS	0.450	32329.36	JP_2004_Chuetstu_05_NS	0.450	32329.36	JP_2016_Kumamoto_01_EW	1.007	110213.03	JP_2016_Kumamoto_05_EW	1.727	24314.91	JP_2016_Kumamoto_05_EW	1.727	24314.91	JP_2011_15MAR_EW	0.355	57252.72
	11	JP_2018_Hokkaido_02_EW	1.035	33123.99	JP_2018_Hokkaido_02_EW	1.035	33123.99	JP_2016_Kumamoto_01_NS	0.780	141920.60	JP_2004_Chuetstu_05_EW	0.603	26176.59	US_1994_Northridge_02_90	1.333	26394.51	JP_2016_14APR_NS	1.303	93078.79
	12	US_1989_Loma Prieta_03_90	1.115	35220.00	US_1989_Loma Prieta_03_90	1.115	35220.00	JP_2018_Hokkaido_02_EW	1.035	33123.99	US_1994_Northridge_02_90	1.333	26394.51	US_1989_Loma Prieta_06_90	1.515	27425.10	JP_2016_Kumamoto_01_NS	0.528	47062.25
	13	US_1989_Loma Prieta_05_195	2.502	35383.81	US_1989_Loma Prieta_05_195	2.502	35383.81	JP_2018_Hokkaido_03_EW	0.724	60355.67	JP_2004_Chuetstu_05_NS	0.505	27269.95	CH_2012_GO05_EW	2.818	27888.32	JP_2016_Kumamoto_04_EW	0.843	49744.63
	14	JP_2004_Chuetstu_06_NS	0.591	35617.26	JP_2004_Chuetstu_06_NS	0.591	35617.26	JP_2018_Hokkaido_04_NS	0.881	190341.84	US_1989_Loma Prieta_06_90	1.515	27425.10	JP_2009_Shizuoca_02_EW	1.333	28972.92	JP_2018_Hokkaido_02_EW	1.000	32539.23
	15	CH_2012_GO05_EW	3.197	35740.39	CH_2012_GO05_EW	3.197	35740.39	TW_1999_ChiChi_04_90	1.208	62875.18	CH_2012_GO05_EW	2.818	27888.32	JP_1997_Kagoshima_EW	0.985	30458.76	JP_2018_Hokkaido_07_EW	0.378	66044.52
	16	JP_2000_Tottori_01_EW	0.800	39089.79	JP_2000_Tottori_01_EW	0.800	39089.79	TW_1999_ChiChi_08_360	1.056	30899.54	JP_2009_Shizuoca_02_EW	1.333	28972.92	JP_2004_Chuetstu_06_NS	0.535	30805.80	TW_1999_ChiChi_07_360	0.903	98412.66
	17	CH_2012_GO05_NS	3.787	39131.65	CH_2012_GO05_NS	3.787	39131.65	US_1989_Loma Prieta_04_90	1.201	147783.29	JP_1997_Kagoshima_EW	0.985	30458.76	JP_2016_Kumamoto_01_EW	0.708	30928.18	US_1989_Loma Prieta_03_0	0.865	47862.67
	18	JP_2000_Tottori_05_NS	0.621	42080.70	JP_2000_Tottori_05_NS	0.621	42080.70	US_1989_Loma Prieta_06_0	1.015	46624.84	JP_2004_Chuetstu_06_NS	0.535	30805.80	US_1989_Loma Prieta_06_0	1.242	31973.34	US_1989_Loma Prieta_04_90	0.850	85772.07
	19	TW_1999_ChiChi_08_90	0.661	43504.62	TW_1999_ChiChi_08_90	0.661	43504.62	US_1992_Big Bear_270	0.691	100118.60	JP_2016_Kumamoto_01_EW	0.708	30928.18	JP_2009_Shizuoca_03_EW	1.515	32458.30	US_1989_Loma Prieta_05_285	1.152	56240.89
	20	JP_2009_Shizuoca_03_EW	1.241	46285.77	JP_2009_Shizuoca_03_EW	1.241	46285.77	US_1994_Northridge_02_90	1.663	51489.94	US_1989_Loma Prieta_06_0	1.242	31973.34	JP_2018_Hokkaido_02_EW	1.000	32539.23	US_1994_Northridge_02_90	1.333	26394.51
RMS E	1	JP_2004_Chuetstu_07_EW	0.887	98.55	JP_2004_Chuetstu_07_EW	0.887	98.55	CH_2012_GO05_EW	3.197	189.05	JP_2004_Chuetstu_07_NS	1.152	78.37	JP_2004_Chuetstu_07_NS	1.152	78.37	CH_2012_GO05_EW	2.818	167.00
	2	JP_2004_Chuetstu_07_NS	1.301	118.77	JP_2004_Chuetstu_07_NS	1.301	118.77	CH_2014_Iquique_02_EW	3.011	147.21	JP_2004_Chuetstu_07_EW	0.910	96.84	JP_2004_Chuetstu_07_EW	0.910	96.84	CH_2014_Iquique_02_EW	3.455	120.92
	3	JP_2004_14DEC_EW	0.522	143.90	JP_2004_14DEC_EW	0.522	143.90	JP_2000_Tottori_01_EW	0.800	197.71	CH_2014_Iquique_02_EW	3.455	120.92	CH_2014_Iquique_02_EW	3.455	120.92	JP_2000_Tottori_02_NS	0.610	274.36
	4	CH_2014_Iquique_02_EW	3.011	147.21	CH_2014_Iquique_02_EW	3.011	147.21	JP_2000_Tottori_02_NS	0.528	286.68	TW_1999_ChiChi_10_90	0.670	136.80	TW_1999_ChiChi_10_90	0.670	136.80	JP_2004_Chuetstu_01_EW	0.295	311.24
	5	JP_2004_Chuetstu_06_EW	0.620	148.67	JP_2004_Chuetstu_06_EW	0.620	148.67	JP_2004_27OCT_03_NS	0.792	216.23	JP_2004_14DEC_EW	0.535	142.47	JP_2004_14DEC_EW	0.535	142.47	JP_2004_Chuetstu_01_NS	0.348	313.18
	6	JP_2016_Kumamoto_05_EW	1.762	156.20	JP_2016_Kumamoto_05_EW	1.762	156.20	JP_2004_Chuetstu_06_EW	0.620	148.67	TW_1999_ChiChi_08_360	1.242	146.16	TW_1999_ChiChi_08_360	1.242	146.16	JP_2004_Chuetstu_06_EW	0.610	148.04
	7	TW_1999_ChiChi_10_90	0.580	162.65	TW_1999_ChiChi_10_90	0.580	162.65	JP_2009_Shizuoca_03_EW	1.241	215.14	JP_2004_Chuetstu_06_EW	0.610	148.04	JP_2004_Chuetstu_06_EW	0.610	148.04	JP_2007_16JUL_EW	0.775	345.71
	8	TW_1999_ChiChi_08_360	1.056	175.78	TW_1999_ChiChi_08_360	1.056	175.78	JP_2011_15MAR_EW	0.401	250.70	TW_1999_ChiChi_08_90	0.850	148.49	TW_1999_ChiChi_08_90	0.850	148.49	JP_2007_Noto_02_NS	1.061	237.05
	9	US_1989_Loma Prieta_06_90	1.363	177.44	US_1989_Loma Prieta_06_90	1.363	177.44	JP_2011_Fukushima_06_EW	0.775	275.79	US_1994_Northridge_01_90	1.909	154.90	US_1994_Northridge_01_90	1.909	154.90	JP_2009_Shizuoca_01_NS	0.895	313.10
	10	JP_2004_Chuetstu_05_NS	0.450	179.80	JP_2004_Chuetstu_05_NS	0.450	179.80	JP_2016_Kumamoto_01_EW	1.007	331.98	JP_2016_Kumamoto_05_EW	1.727	155.93	JP_2016_Kumamoto_05_EW	1.727	155.93	JP_2011_15MAR_EW	0.355	239.28
	11	JP_2018_Hokkaido_02_EW	1.035	182.00	JP_2018_Hokkaido_02_EW	1.035	182.00	JP_2016_Kumamoto_01_NS	0.780	376.72	JP_2004_Chuetstu_05_EW	0.603	161.79	US_1994_Northridge_02_90	1.333	162.46	JP_2016_14APR_NS	1.303	305.09
	12	US_1989_Loma Prieta_03_90	1.115	187.67	US_1989_Loma Prieta_03_90	1.115	187.67	JP_2018_Hokkaido_02_EW	1.035	182.00	US_1994_Northridge_02_90	1.333	162.46	US_1989_Loma Prieta_06_90	1.515	165.61	JP_2016_Kumamoto_01_NS	0.528	216.94
	13	US_1989_Loma Prieta_05_195	2.502	188.11	US_1989_Loma Prieta_05_195	2.502	188.11	JP_2018_Hokkaido_03_EW	0.724	245.67	JP_2004_Chuetstu_05_NS	0.505	165.14	CH_2012_GO05_EW	2.818	167.00	JP_2016_Kumamoto_04_EW	0.843	223.04
	14	JP_2004_Chuetstu_06_NS	0.591	188.73	JP_2004_Chuetstu_06_NS	0.591	188.73	JP_2018_Hokkaido_04_NS	0.881	436.28	US_1989_Loma Prieta_06_90	1.515	165.61	JP_2009_Shizuoca_02_EW	1.333	170.21	JP_2018_Hokkaido_02_EW	1.000	180.39
	15	CH_2012_GO05_EW	3.197	189.05	CH_2012_GO05_EW	3.197	189.05	TW_1999_ChiChi_04_90	1.208	250.75	CH_2012_GO05_EW	2.818	167.00	JP_1997_Kagoshima_EW	0.985	174.52	JP_2018_Hokkaido_07_EW	0.378	256.99
	16	JP_2000_Tottori_01_EW	0.800	197.71	JP_2000_Tottori_01_EW	0.800	197.71	TW_1999_ChiChi_08_360	1.056	175.78	JP_2009_Shizuoca_02_EW	1.333	170.21	JP_2004_Chuetstu_06_NS	0.535	175.52	TW_1999_ChiChi_07_360	0.903	313.71
	17	CH_2012_GO05_NS	3.787	197.82	CH_2012_GO05_NS	3.787	197.82	US_1989_Loma Prieta_04_90	1.201	384.43	JP_1997_Kagoshima_EW	0.985	174.52	JP_2016_Kumamoto_01_EW	0.708	175.86	US_1989_Loma Prieta_03_0	0.865	218.78
	18	JP_2000_Tottori_05_NS	0.621	205.14	JP_2000_Tottori_05_NS	0.621	205.14	US_1989_Loma Prieta_06_0	1.015	215.93	JP_2004_Chuetstu_06_NS	0.535	175.52	US_1989_Loma Prieta_06_0	1.242	178.81	US_1989_Loma Prieta_04_90	0.850	292.87
	19	TW_1999_ChiChi_08_90	0.661	208.58	TW_1999_ChiChi_08_90	0.661	208.58	US_1992_Big Bear_270	0.691	316.42	JP_2016_Kumamoto_01_EW	0.708	175.86	JP_2009_Shizuoca_03_EW	1.515	180.16	US_1989_Loma Prieta_05_285	1.152	237.15
	20	JP_2009_Shizuoca_03_EW	1.241	215.14	JP_2009_Shizuoca_03_EW	1.241	215.14	US_1994_Northridge_02_90	1.663	226.91	US_1989_Loma Prieta_06_0	1.242	178.81	JP_2018_Hokkaido_02_EW	1.000	180.39	US_1994_Northridge_02_90	1.333	162.46

REGISTROS SELECCIONADOS CASO Ymr-I T=0.16s - TSemc-tr-475																			
Caso:		TSemc-tr-475_NSp_Sbs			TSemc-tr-475_NSp_Sci			TSemc-tr-475_NSp_Ssr			TSemc-tr-475_NSr_Sbs			TSemc-tr-475_NSr_Sci			TSemc-tr-475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2011_19MAR_02_EW	0.477	46.28	JP_2012_25AGO_EW	0.498	102.81	CH_2012_GO05_EW	2.335	403.53	JP_2011_19MAR_02_EW	0.378	32.15	JP_2011_19MAR_02_EW	0.378	32.15	CH_2012_GO05_EW	0.423	133.43
	2	JP_2000_Tottori_03_NS	0.485	46.32	JP_2000_Tottori_04_EW	0.786	104.09	JP_2004_Chuetsu_01_EW	0.336	572.45	JP_2013_13APR_NS	0.588	34.77	JP_2011_19MAR_02_NS	0.610	41.87	JP_1997_Kagoshima_EW	0.250	126.44

	3	JP_2011_19MAR_02_NS	0.70 3	49.36	JP_2004_29NOV_01_NS	0.85 8	138.57	JP_2004_Chuetsu_01_N S	0.45 1	662.05	JP_2013_13APR_EW	0.43 8	38.29	JP_2012_25AGO_NS	0.37 8	65.81	JP_2004_27OCT_02_NS	0.42 3	127.83
	4	JP_2000_Tottori_04_NS	0.29 0	50.68	JP_2003_Miyagi_09_EW	0.49 5	142.82	JP_2007_16JUL_EW	0.78 5	412.71	JP_2011_19MAR_02_ NS	0.61 0	41.87	JP_2003_Miyagi_02_EW	0.28 0	67.17	JP_2009_Shizuoca_01_NS	0.25 0	135.95
	5	JP_2013_13APR_EW	0.59 5	59.99	JP_2008_Iwate_03_NS	0.28 5	145.38	JP_2009_Shizuoca_02_E W	1.60 4	693.73	JP_2000_Tottori_03_N S	0.47 5	45.28	JP_2000_Tottori_04_EW	0.43 8	71.01	JP_2009_Shizuoca_02_NS	0.25 0	164.06
	6	JP_2013_13APR_NS	0.73 5	60.58	JP_2007_Noto_01_NS	0.32 2	151.27	JP_2011_15MAR_EW	0.29 3	347.45	JP_2000_Tottori_04_N S	0.33 3	48.18	JP_2003_Miyagi_09_EW	0.25 0	71.66	JP_2011_Fukushima_04_NS	0.25 0	172.34
	7	JP_2003_Miyagi_07_NS	0.28 5	73.82	US_1992_Big Bear_270	0.50 4	151.46	JP_2016_Kumamoto_01_ NS	0.56 9	556.03	JP_2003_Miyagi_07_E W	0.29 5	54.95	JP_2012_25AGO_EW	0.31 0	73.18	JP_2016_Kumamoto_04_NS	0.25 0	124.17
	8	JP_2004_29NOV_01_EW	0.39 0	79.05	JP_2000_Tottori_02_EW	0.41 0	155.37	JP_2016_Kumamoto_03_ EW	0.49 1	207.34	JP_2000_Tottori_03_E W	0.61 0	57.55	JP_2004_29NOV_01_EW	0.39 3	79.22	JP_2016_Kumamoto_05_EW	0.27 3	133.39
	9	JP_2012_25AGO_NS	0.57 4	79.45	JP_2013_25FEB_EW	0.31 8	161.54	JP_2016_Kumamoto_04_ NS	0.70 0	319.10	JP_2012_25AGO_NS	0.37 8	65.81	JP_2009_Shizuoca_03_NS	0.25 0	79.59	JP_2016_Kumamoto_05_NS	0.25 0	204.52
	10	JP_2000_Tottori_03_EW	0.88 0	89.26	US_1987_WhittierNarrows_01 360	0.71 0	165.98	JP_2018_Hokkaido_03_E W	0.52 8	349.88	JP_2003_Miyagi_07_N S	0.25 0	66.75	JP_2004_27OCT_01_NS	0.32 5	82.53	JP_2016_Kumamoto_06_EW	0.25 0	160.01
	11	JP_2012_25AGO_EW	0.49 8	102.81	JP_2004_27OCT_01_EW	1.01 3	168.60	JP_2018_Osake_EW	0.41 1	197.07	JP_2003_Miyagi_09_N S	0.28 0	67.14	JP_2000_Tottori_01_NS	0.25 0	88.98	JP_2018_Osake_NS	0.25 0	121.43
	12	JP_2000_Tottori_04_EW	0.78 6	104.09	JP_2004_27OCT_01_NS	0.71 4	170.72	TW_1999_ChiChi_04_90	0.88 2	294.60	JP_2003_Miyagi_02_E W	0.28 0	67.17	JP_2000_Tottori_02_EW	0.25 0	90.38	TW_1999_ChiChi_04_360	0.25 0	196.89
	13	JP_2003_Miyagi_07_EW	0.47 7	104.45	JP_2003_Miyagi_02_EW	0.62 3	177.75	TW_1999_ChiChi_07_36 0	1.05 3	565.54	JP_2016_28DEC_EW	0.37 0	68.72	JP_2000_Tottori_05_EW	0.28 0	91.47	TW_1999_ChiChi_07_360	0.25 0	197.66
	14	JP_2009_Shizuoca_03_NS	0.48 0	123.72	JP_2011_Fukushima_06_EW	0.56 6	185.26	US_1989_Loma Prieta_02_0	1.12 6	432.45	JP_2021_Miyagi_02_E W	0.37 0	68.72	JP_2004_27OCT_01_EW	0.52 0	93.72	TW_1999_ChiChi_10_360	0.25 0	120.54
	15	JP_2003_Miyagi_09_NS	0.46 3	125.85	JP_2011_Fukushima_06_NS	0.66 5	185.33	US_1989_Loma Prieta_02_90	0.82 1	411.48	JP_2000_Tottori_04_E W	0.43 8	71.01	JP_2004_27OCT_03_EW	0.26 5	94.71	US_1989_Loma Prieta_05_195	0.35 5	149.02
	16	JP_2004_29NOV_01_NS	0.85 8	138.57	JP_2016_Kumamoto_03_NS	0.48 1	193.52	US_1989_Loma Prieta_04_90	0.87 7	510.75	JP_2003_Miyagi_09_E W	0.25 0	71.66	US_1987_WhittierNarrows_01 360	0.34 8	97.14	US_1989_Loma Prieta_05_285	0.25 0	169.89
	17	JP_2021_Miyagi_02_EW	0.78 4	141.11	JP_2018_Osake_EW	0.41 1	197.07	US_1989_Loma Prieta_06_0	0.74 1	247.98	JP_2012_25AGO_EW	0.31 0	73.18	CH_2014_Iquique_02_NS	0.93 3	97.72	US_1992_Petrolia_02_360	0.25 0	177.35
	18	JP_2003_Miyagi_09_EW	0.49 5	142.82	JP_2000_Tottori_02_NS	0.38 5	200.42	US_1992_Big Bear_270	0.50 4	151.46	JP_2016_28DEC_NS	0.31 8	75.50	US_1987_WhittierNarrows_01 270	0.37 8	98.37	US_1992_Petrolia_Aftershock_0 1_90	0.25 0	166.42
	19	JP_2008_Iwate_03_NS	0.28 5	145.38	JP_2004_27OCT_03_EW	0.80 8	203.62	US_1992_Petrolia_01_90	0.66 3	503.02	JP_2003_Miyagi_02_N S	0.25 0	75.50	CH_2012_GO05_NS	1.15 2	100.64	US_1994_Northridge_02_90	0.25 0	155.23
	20	JP_2011_19MAR_01_NS	0.56 2	151.02	JP_2016_Kumamoto_03_EW	0.49 1	207.34	US_1994_Northridge_02_ 90	1.21 5	488.67	JP_2011_19MAR_01_ NS	0.26 5	76.78	JP_2000_Tottori_01_EW	0.25 0	104.69	US_1994_Northridge_03_360	0.25 0	253.84
MAP E	1	JP_2003_Miyagi_07_NS	0.28 5	223.33	JP_2012_25AGO_EW	0.49 8	335.79	CH_2012_GO05_EW	2.33 5	3936.72	JP_2011_19MAR_01_ EW	0.25 0	69.71	JP_2012_25AGO_EW	0.25 0	143.99	CH_2012_GO05_EW	0.25 0	394.78
	2	JP_2011_19MAR_02_EW	0.47 7	327.93	JP_2003_Miyagi_09_EW	0.49 5	466.52	JP_2004_Chuetsu_01_E W	0.33 6	5056.44	JP_2016_28DEC_EW	0.25 0	101.10	JP_2004_27OCT_01_EW	0.25 0	150.90	CH_2014_Iquique_02_EW	0.25 0	386.04
	3	JP_2012_25AGO_EW	0.49 8	335.79	JP_2000_Tottori_04_EW	0.78 6	547.18	JP_2004_Chuetsu_01_N S	0.45 1	5980.30	JP_2021_Miyagi_02_E W	0.25 0	130.04	JP_2000_Tottori_04_EW	0.25 0	152.25	CH_2014_Iquique_02_NS	0.25 0	202.25
	4	JP_2000_Tottori_04_NS	0.29 0	358.15	JP_2003_Miyagi_02_EW	0.62 3	643.55	JP_2007_16JUL_EW	0.78 5	14123.8 9	JP_2011_19MAR_01_ NS	0.25 0	132.20	JP_2011_19MAR_02_EW	0.25 0	160.55	JP_1997_Kagoshima_EW	0.25 0	721.24
	5	JP_2011_19MAR_01_NS	0.56 2	370.32	JP_2004_27OCT_01_EW	1.01 3	719.90	JP_2009_Shizuoca_02_E W	1.60 4	5903.24	JP_2011_19MAR_02_ NS	0.25 0	133.08	JP_2003_Miyagi_02_NS	0.25 0	170.52	JP_2004_27OCT_02_NS	0.25 0	359.80
	6	JP_2011_19MAR_02_NS	0.70 3	386.59	JP_2004_27OCT_01_NS	0.71 4	727.20	JP_2011_15MAR_EW	0.29 3	1408.26	JP_2012_25AGO_EW	0.25 0	143.99	JP_2003_Miyagi_09_EW	0.25 0	205.48	JP_2009_Shizuoca_01_NS	0.25 0	304.35
	7	JP_2003_Miyagi_09_NS	0.46 3	425.48	JP_2013_25FEB_NS	0.28 7	791.17	JP_2016_Kumamoto_01_ NS	0.56 9	5252.81	JP_2004_27OCT_01_E W	0.25 0	150.90	JP_2003_Miyagi_02_EW	0.25 0	219.76	JP_2009_Shizuoca_02_NS	0.25 0	1056.19
	8	JP_2000_Tottori_03_NS	0.48 5	428.46	JP_2009_Shizuoca_01_EW	0.75 6	857.77	JP_2016_Kumamoto_03_ EW	0.49 1	4537.36	JP_2000_Tottori_04_E W	0.25 0	152.25	JP_2009_Shizuoca_03_NS	0.25 0	219.99	JP_2011_Fukushima_04_NS	0.25 0	622.98
	9	JP_2011_19MAR_01_EW	1.01 3	432.36	JP_2011_Fukushima_06_EW	0.56 6	957.48	JP_2016_Kumamoto_04_ NS	0.70 0	1789.31	JP_2016_28DEC_NS	0.25 0	153.28	JP_2004_27OCT_01_NS	0.25 0	222.25	JP_2016_Kumamoto_04_NS	0.25 0	600.49
	10	JP_2004_29NOV_01_EW	0.39 0	455.78	JP_2013_25FEB_EW	0.31 8	1001.39	JP_2018_Hokkaido_03_E W	0.52 8	2864.04	JP_2011_19MAR_02_ EW	0.25 0	160.55	JP_2003_Miyagi_07_EW	0.25 0	229.22	JP_2016_Kumamoto_05_EW	0.25 0	1035.81
	11	JP_2003_Miyagi_09_EW	0.49 5	466.52	US_1992_Big Bear_270	0.50 4	1004.86	JP_2018_Osake_EW	0.41 1	1383.83	PE_2012_14MAY_NS	0.25 0	160.58	JP_2016_14APR_EW	0.25 0	240.49	JP_2016_Kumamoto_06_EW	0.25 0	1700.13
	12	JP_2009_Shizuoca_03_NS	0.48 0	470.72	US_1992_Big Bear_360	0.58 7	1030.54	TW_1999_ChiChi_04_90	0.88 2	10245.4 0	CH_2012_GO05_NS	0.25 0	166.80	JP_2009_Shizuoca_01_EW	0.25 0	249.56	JP_2018_Osake_NS	0.25 0	453.55
	13	JP_2021_Miyagi_02_EW	0.78 4	484.72	JP_2004_29NOV_01_NS	0.85 8	1041.91	TW_1999_ChiChi_07_36 0	1.05 3	6829.19	JP_2003_Miyagi_02_N S	0.25 0	170.52	JP_2004_29NOV_01_EW	0.25 0	281.34	TW_1999_ChiChi_07_360	0.25 0	1590.79
	14	JP_2003_Miyagi_07_EW	0.47 7	485.79	JP_2007_Noto_01_NS	0.32 2	1160.36	US_1989_Loma Prieta_02_0	1.12 6	2487.15	JP_2003_Miyagi_08_E W	0.25 0	184.16	JP_2004_29NOV_01_NS	0.25 0	282.23	US_1987_WhittierNarrows_01_ 270	0.25 0	507.58
	15	JP_2013_13APR_EW	0.59 5	534.83	JP_2000_Tottori_02_NS	0.38 5	1181.42	US_1989_Loma Prieta_02_90	0.82 1	2679.16	PE_2012_14MAY_EW	0.25 0	184.81	JP_2011_12APR_NS	0.25 0	295.00	US_1987_WhittierNarrows_01_ 360	0.25 0	424.78
	16	JP_2003_Miyagi_08_EW	0.63 7	536.48	JP_2000_Tottori_05_EW	0.65 3	1184.73	US_1989_Loma Prieta_04_90	0.87 7	4668.08	JP_2013_13APR_NS	0.25 0	190.45	JP_2009_Shizuoca_01_NS	0.25 0	304.35	US_1989_Loma Prieta_05_195	0.25 0	645.03
	17	JP_2000_Tottori_04_EW	0.78 6	547.18	JP_2008_Iwate_02_NS	0.38 5	1187.30	US_1989_Loma Prieta_06_0	0.74 1	4668.86	JP_2003_Miyagi_07_N S	0.25 0	193.83	JP_2016_14APR_NS	0.25 0	304.65	US_1989_Loma Prieta_05_285	0.25 0	1076.23
	18	JP_2013_13APR_NS	0.73 5	558.10	JP_2011_Fukushima_06_NS	0.66 5	1222.93	US_1992_Big Bear_270	0.50 4	1004.86	CH_2014_Iquique_02_ NS	0.25 0	202.25	JP_2000_Tottori_04_NS	0.25 0	305.89	US_1992_Petrolia_Aftershock_0 1_90	0.25 0	1035.32
	19	JP_2016_28DEC_EW	1.10 6	597.59	US_1987_WhittierNarrows_01 360	0.71 0	1272.39	US_1992_Petrolia_01_90	0.66 3	6695.99	JP_2003_Miyagi_09_N S	0.25 0	204.69	JP_2012_25AGO_NS	0.25 0	322.62	US_1994_Northridge_02_90	0.25 0	1057.96
	20	JP_2003_Miyagi_02_EW	0.62 3	643.55	JP_2009_Shizuoca_01_NS	0.96 9	1333.36	US_1994_Northridge_02_ 90	1.21 5	5312.30	JP_2003_Miyagi_09_E W	0.25 0	205.48	JP_2011_Fukushima_06_EW	0.25 0	396.89	US_1994_Northridge_03_360	0.25 0	2371.26
MSE	1	JP_2000_Tottori_04_NS	0.29 0	3909.56	JP_2000_Tottori_04_EW	0.78 6	21075.3 7	CH_2012_GO05_EW	2.33 5	251673. 02	JP_2011_19MAR_02_ EW	0.40 0	2285.31	JP_2011_19MAR_02_EW	0.40 0	2285.31	CH_2012_GO05_EW	0.70 8	33936.0 0

	2	JP_2011_19MAR_02_EW	0.47 7	5057.84	JP_2008_Iwate_03_NS	0.28 5	29688.4 3	JP_2004_Chuetsu_01_E W	0.33 6	524996. 35	JP_2013_13APR_NS	0.58 8	2580.40	JP_2011_19MAR_02_NS	0.58 8	3502.37	CH_2014_Iquique_02_EW	0.94 8	24942.2 0
	3	JP_2011_19MAR_02_NS	0.70 3	6120.17	JP_2012_25AGO_EW	0.49 8	32267.1 2	JP_2004_Chuetsu_01_N S	0.45 1	689764. 95	JP_2000_Tottori_04_N S	0.32 5	3144.56	JP_2000_Tottori_04_EW	0.55 0	8572.48	JP_1997_Kagoshima_EW	0.27 3	26360.6 3
	4	JP_2013_13APR_NS	0.73 5	7229.06	JP_2004_29NOV_01_NS	0.85 8	35350.3 1	JP_2007_16JUL_EW	0.78 5	219353. 17	JP_2011_19MAR_02_ NS	0.58 8	3502.37	JP_2012_25AGO_NS	0.44 5	8881.90	JP_2004_27OCT_02_NS	0.66 3	35227.4 3
	5	JP_2004_29NOV_01_EW	0.39 0	10099.8 2	JP_2007_Noto_01_NS	0.32 2	38980.9 4	JP_2009_Shizuoca_02_E W	1.60 4	647622. 00	JP_2013_13APR_EW	0.44 5	4320.56	JP_2004_29NOV_01_EW	0.37 8	10059.4 0	JP_2004_27OCT_03_NS	0.25 0	31213.5 4
	6	JP_2013_13APR_EW	0.59 5	12060.6 3	US_1987_WhittierNarrows_01 360	0.71 0	41618.8 1	JP_2011_15MAR_EW	0.29 3	239331. 72	JP_2000_Tottori_03_E W	0.58 0	8268.03	JP_2003_Miyagi_02_EW	0.34 0	11330.3 3	JP_2004_Chuetsu_06_EW	0.25 0	58581.2 1
	7	JP_2012_25AGO_NS	0.57 4	14392.4 4	JP_2013_25FEB_EW	0.31 8	47055.1 4	JP_2016_Kumamoto_01_ NS	0.56 9	489492. 44	JP_2003_Miyagi_07_E W	0.31 0	8295.84	JP_2009_Shizuoca_03_NS	0.30 3	13700.6 3	JP_2009_Shizuoca_01_NS	0.25 0	38397.4 2
	8	JP_2000_Tottori_03_NS	0.48 5	14858.7 4	JP_2000_Tottori_02_EW	0.41 0	47641.0 8	JP_2016_Kumamoto_03_ EW	0.49 1	60067.5 7	JP_2000_Tottori_03_N S	0.37 0	8318.88	JP_2012_25AGO_EW	0.31 8	13842.0 4	JP_2009_Shizuoca_03_EW	0.40 8	28173.4 5
	9	JP_2003_Miyagi_07_NS	0.28 5	17240.5 9	JP_2004_27OCT_01_EW	1.01 3	52602.1 7	JP_2016_Kumamoto_04_ NS	0.70 0	176774. 31	JP_2000_Tottori_04_E W	0.55 0	8572.48	JP_2000_Tottori_02_EW	0.25 0	14020.1 4	JP_2011_Fukushima_04_NS	0.25 0	55437.4 0
	10	JP_2000_Tottori_04_EW	0.78 6	21075.3 7	US_1992_Big Bear_270	0.50 4	52909.6 1	JP_2018_Hokkaido_03_E W	0.52 8	240406. 62	JP_2012_25AGO_NS	0.44 5	8881.90	JP_2004_27OCT_01_NS	0.39 3	14399.9 3	JP_2016_Kumamoto_05_NS	0.25 0	66916.5 6
	11	JP_2000_Tottori_03_EW	0.88 0	25956.3 8	JP_2003_Miyagi_09_EW	0.49 5	53590.1 2	JP_2018_Osake_EW	0.41 1	87751.6 3	JP_2004_29NOV_01_ EW	0.37 8	10059.4 0	US_1987_WhittierNarrows_01 360	0.42 3	14831.4 5	JP_2016_Kumamoto_06_EW	0.25 0	40746.4 5
	12	JP_2003_Miyagi_07_EW	0.47 7	27258.8 4	JP_2003_Miyagi_02_EW	0.62 3	53593.4 1	TW_1999_ChiChi_04_90	0.88 2	121174. 33	JP_2003_Miyagi_02_E W	0.34 0	11330.3 3	JP_2000_Tottori_01_NS	0.25 8	15565.1 8	JP_2018_Hokkaido_02_EW	0.25 0	40330.0 2
	13	JP_2008_Iwate_03_NS	0.28 5	29688.4 3	JP_2004_27OCT_01_NS	0.71 4	55083.8 8	TW_1999_ChiChi_07_36 0	1.05 3	494595. 79	JP_2021_Miyagi_02_E W	0.45 3	11470.7 4	JP_2004_27OCT_01_EW	0.56 5	16189.7 8	JP_2018_Osake_NS	0.31 8	30240.0 1
	14	JP_2012_25AGO_EW	0.49 8	32267.1 2	JP_2016_Kumamoto_03_NS	0.48 1	55750.5 7	US_1989_Loma Prieta_02_0	1.12 6	305020. 80	JP_2003_Miyagi_07_N S	0.25 0	11673.1 0	JP_2004_29NOV_01_NS	0.55 0	17121.1 2	TW_1999_ChiChi_04_360	0.25 0	54221.7 2
	15	JP_2004_29NOV_01_NS	0.85 8	35350.3 1	JP_2016_Kumamoto_03_EW	0.49 1	60067.5 7	US_1989_Loma Prieta_02_90	0.82 1	325181. 47	JP_2003_Miyagi_09_E W	0.27 3	12501.8 1	JP_2004_27OCT_03_EW	0.41 5	17418.7 6	TW_1999_ChiChi_07_360	0.25 0	56169.3 8
	16	JP_2009_Shizuoca_03_NS	0.48 0	36026.9 2	JP_2011_Fukushima_06_NS	0.66 5	66951.6 7	US_1989_Loma Prieta_04_90	0.87 7	404149. 73	JP_2003_Miyagi_09_N S	0.25 0	12987.9 1	US_1987_WhittierNarrows_01 270	0.43 8	17539.9 4	US_1989_Loma Prieta_05_285	0.25 0	47731.9 2
	17	JP_2007_Noto_01_NS	0.32 2	38980.9 4	JP_2011_Fukushima_06_EW	0.56 6	67298.0 5	US_1989_Loma Prieta_06_0	0.74 1	79266.1 4	JP_2009_Shizuoca_03_ NS	0.30 3	13700.6 3	CH_2014_Iquique_02_NS	1.24 2	18163.6 9	US_1992_Petrolia_02_360	0.25 0	52082.6 3
	18	US_1987_WhittierNarrows_01 360	0.71 0	41618.8 1	JP_2004_27OCT_03_EW	0.80 8	68465.7 9	US_1992_Big Bear_270	0.50 4	52909.6 1	JP_2012_25AGO_EW	0.31 8	13842.0 4	CH_2012_GO05_NS	1.27 3	18589.3 2	US_1992_Petrolia_Aftershock_0 1_90	0.25 8	49586.9 1
	19	JP_2021_Miyagi_02_EW	0.78 4	46700.0 6	US_1987_WhittierNarrows_01 270	0.85 7	71979.9 6	US_1992_Petrolia_01_90	0.66 3	404192. 15	JP_2000_Tottori_02_E W	0.25 0	14020.1 4	JP_2000_Tottori_01_EW	0.26 5	18621.4 5	US_1994_Northridge_02_360	0.34 8	42963.1 6
	20	JP_2013_25FEB_EW	0.31 8	47055.1 4	US_1989_Loma Prieta_03_0	0.50 7	72157.3 1	US_1994_Northridge_02_ 90	1.21 5	324676. 86	JP_2004_27OCT_01_ NS	0.39 3	14399.9 3	JP_2007_Noto_01_NS	0.25 0	18827.0 4	US_1994_Northridge_03_360	0.25 0	86701.0 1
RMS E	1	JP_2000_Tottori_04_NS	0.29 0	62.53	JP_2000_Tottori_04_EW	0.78 6	145.17	CH_2012_GO05_EW	2.33 5	501.67	JP_2011_19MAR_02_ EW	0.40 0	47.80	JP_2011_19MAR_02_EW	0.40 0	47.80	CH_2012_GO05_EW	0.70 8	184.22
	2	JP_2011_19MAR_02_EW	0.47 7	71.12	JP_2008_Iwate_03_NS	0.28 5	172.30	JP_2004_Chuetsu_01_E W	0.33 6	724.57	JP_2013_13APR_NS	0.58 8	50.80	JP_2011_19MAR_02_NS	0.58 8	59.18	CH_2014_Iquique_02_EW	0.94 8	157.93
	3	JP_2011_19MAR_02_NS	0.70 3	78.23	JP_2012_25AGO_EW	0.49 8	179.63	JP_2004_Chuetsu_01_N S	0.45 1	830.52	JP_2000_Tottori_04_N S	0.32 5	56.08	JP_2000_Tottori_04_EW	0.55 0	92.59	JP_1997_Kagoshima_EW	0.27 3	162.36
	4	JP_2013_13APR_NS	0.73 5	85.02	JP_2004_29NOV_01_NS	0.85 8	188.02	JP_2007_16JUL_EW	0.78 5	468.35	JP_2011_19MAR_02_ NS	0.58 8	59.18	JP_2012_25AGO_NS	0.44 5	94.24	JP_2004_27OCT_02_NS	0.66 3	187.69
	5	JP_2004_29NOV_01_EW	0.39 0	100.50	JP_2007_Noto_01_NS	0.32 2	197.44	JP_2009_Shizuoca_02_E W	1.60 4	804.75	JP_2013_13APR_EW	0.44 5	65.73	JP_2004_29NOV_01_EW	0.37 8	100.30	JP_2004_27OCT_03_NS	0.25 0	176.67
	6	JP_2013_13APR_EW	0.59 5	109.82	US_1987_WhittierNarrows_01 360	0.71 0	204.01	JP_2011_15MAR_EW	0.29 3	489.22	JP_2000_Tottori_03_E W	0.58 0	90.93	JP_2003_Miyagi_02_EW	0.34 0	106.44	JP_2004_Chuetsu_06_EW	0.25 0	242.04
	7	JP_2012_25AGO_NS	0.57 4	119.97	JP_2013_25FEB_EW	0.31 8	216.92	JP_2016_Kumamoto_01_ NS	0.56 9	699.64	JP_2003_Miyagi_07_E W	0.31 0	91.08	JP_2009_Shizuoca_03_NS	0.30 3	117.05	JP_2009_Shizuoca_01_NS	0.25 0	195.95
	8	JP_2000_Tottori_03_NS	0.48 5	121.90	JP_2000_Tottori_02_EW	0.41 0	218.27	JP_2016_Kumamoto_03_ EW	0.49 1	245.09	JP_2000_Tottori_03_N S	0.37 0	91.21	JP_2012_25AGO_EW	0.31 8	117.65	JP_2009_Shizuoca_03_EW	0.40 8	167.85
	9	JP_2003_Miyagi_07_NS	0.28 5	131.30	JP_2004_27OCT_01_EW	1.01 3	229.35	JP_2016_Kumamoto_04_ NS	0.70 0	420.45	JP_2000_Tottori_04_E W	0.55 0	92.59	JP_2000_Tottori_02_EW	0.25 0	118.41	JP_2011_Fukushima_04_NS	0.25 0	235.45
	10	JP_2000_Tottori_04_EW	0.78 6	145.17	US_1992_Big Bear_270	0.50 4	230.02	JP_2018_Hokkaido_03_E W	0.52 8	490.31	JP_2012_25AGO_NS	0.44 5	94.24	JP_2004_27OCT_01_NS	0.39 3	120.00	JP_2016_Kumamoto_05_NS	0.25 0	258.68
	11	JP_2000_Tottori_03_EW	0.88 0	161.11	JP_2003_Miyagi_09_EW	0.49 5	231.50	JP_2018_Osake_EW	0.41 1	296.23	JP_2004_29NOV_01_ EW	0.37 8	100.30	US_1987_WhittierNarrows_01 360	0.42 3	121.78	JP_2016_Kumamoto_06_EW	0.25 0	201.86
	12	JP_2003_Miyagi_07_EW	0.47 7	165.10	JP_2003_Miyagi_02_EW	0.62 3	231.50	TW_1999_ChiChi_04_90	0.88 2	348.10	JP_2003_Miyagi_02_E W	0.34 0	106.44	JP_2000_Tottori_01_NS	0.25 8	124.76	JP_2018_Hokkaido_02_EW	0.25 0	200.82
	13	JP_2008_Iwate_03_NS	0.28 5	172.30	JP_2004_27OCT_01_NS	0.71 4	234.70	TW_1999_ChiChi_07_36 0	1.05 3	703.28	JP_2021_Miyagi_02_E W	0.45 3	107.10	JP_2004_27OCT_01_EW	0.56 5	127.24	JP_2018_Osake_NS	0.31 8	173.90
	14	JP_2012_25AGO_EW	0.49 8	179.63	JP_2016_Kumamoto_03_NS	0.48 1	236.12	US_1989_Loma Prieta_02_0	1.12 6	552.29	JP_2003_Miyagi_07_N S	0.25 0	108.04	JP_2004_29NOV_01_NS	0.55 0	130.85	TW_1999_ChiChi_04_360	0.25 0	232.86
	15	JP_2004_29NOV_01_NS	0.85 8	188.02	JP_2016_Kumamoto_03_EW	0.49 1	245.09	US_1989_Loma Prieta_02_90	0.82 1	570.25	JP_2003_Miyagi_09_E W	0.27 3	111.81	JP_2004_27OCT_03_EW	0.41 5	131.98	TW_1999_ChiChi_07_360	0.25 0	237.00
	16	JP_2009_Shizuoca_03_NS	0.48 0	189.81	JP_2011_Fukushima_06_NS	0.66 5	258.75	US_1989_Loma Prieta_04_90	0.87 7	635.73	JP_2003_Miyagi_09_N S	0.25 0	113.96	US_1987_WhittierNarrows_01 270	0.43 8	132.44	US_1989_Loma Prieta_05_285	0.25 0	218.48
	17	JP_2007_Noto_01_NS	0.32 2	197.44	JP_2011_Fukushima_06_EW	0.56 6	259.42	US_1989_Loma Prieta_06_0	0.74 1	281.54	JP_2009_Shizuoca_03_ NS	0.30 3	117.05	CH_2014_Iquique_02_NS	1.24 2	134.77	US_1992_Petrolia_02_360	0.25 0	228.22
	18	US_1987_WhittierNarrows_01 360	0.71 0	204.01	JP_2004_27OCT_03_EW	0.80 8	261.66	US_1992_Big Bear_270	0.50 4	230.02	JP_2012_25AGO_EW	0.31 8	117.65	CH_2012_GO05_NS	1.27 3	136.34	US_1992_Petrolia_Aftershock_0 1_90	0.25 8	222.68
	19	JP_2021_Miyagi_02_EW	0.78 4	216.10	US_1987_WhittierNarrows_01 270	0.85 7	268.29	US_1992_Petrolia_01_90	0.66 3	635.76	JP_2000_Tottori_02_E W	0.25 0	118.41	JP_2000_Tottori_01_EW	0.26 5	136.46	US_1994_Northridge_02_360	0.34 8	207.28
	20	JP_2013_25FEB_EW	0.31 8	216.92	US_1989_Loma Prieta_03_0	0.50 7	268.62	US_1994_Northridge_02_ 90	1.21 5	569.80	JP_2004_27OCT_01_ NS	0.39 3	120.00	JP_2007_Noto_01_NS	0.25 0	137.21	US_1994_Northridge_03_360	0.25 0	294.45

REGISTROS SELECCIONADOS CASO Ymr-I T=0.16s - TSemc-tr-975																			
Caso:		TSemc-tr-975_NSp_Sbs			TSemc-tr-975_NSp_Sci			TSemc-tr-975_NSp_Ssr			TSemc-tr-975_NSr_Sbs			TSemc-tr-975_NSr_Sci			TSemc-tr-975_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2000_Tottori_03_NS	0.614	61.30	JP_2012_25AGO_EW	0.630	133.52	CH_2012_GO05_EW	2.955	516.53	JP_2011_19MAR_02_EW	0.468	40.77	JP_2011_19MAR_02_NS	0.768	54.57	CH_2012_GO05_EW	0.505	167.05
	2	JP_2011_19MAR_02_EW	0.604	63.08	JP_2000_Tottori_04_EW	0.995	136.16	CH_2014_Iquique_02_EW	2.783	372.88	JP_2013_13APR_NS	0.708	46.01	JP_2012_25AGO_NS	0.468	84.47	JP_2004_27OCT_02_NS	0.505	160.36
	3	JP_2000_Tottori_04_NS	0.367	63.28	JP_2007_Noto_01_EW	0.306	150.98	JP_2000_Tottori_02_NS	0.488	258.61	JP_2013_13APR_EW	0.543	47.54	JP_2003_Miyagi_02_EW	0.348	86.17	JP_2009_Shizuoca_01_NS	0.250	161.25
	4	JP_2011_19MAR_02_NS	0.890	65.97	JP_2004_29NOV_01_NS	1.086	179.14	JP_2004_Chuetzu_01_EW	0.425	730.30	JP_2011_19MAR_02_NS	0.768	54.57	JP_2003_Miyagi_09_EW	0.250	89.87	JP_2009_Shizuoca_02_NS	0.250	199.77
	5	JP_2013_13APR_EW	0.752	81.25	JP_2003_Miyagi_09_EW	0.626	186.60	JP_2004_Chuetzu_06_EW	0.573	472.73	JP_2000_Tottori_03_NS	0.580	57.85	JP_2000_Tottori_04_EW	0.543	90.52	JP_2011_15MAR_NS	0.250	187.89
	6	JP_2013_13APR_NS	0.930	82.52	JP_2008_Iwate_03_NS	0.360	189.84	JP_2009_Shizuoca_02_EW	2.030	883.78	JP_2000_Tottori_04_NS	0.423	60.01	JP_2012_25AGO_EW	0.385	93.58	JP_2011_Fukushima_04_NS	0.250	194.15
	7	JP_2003_Miyagi_07_NS	0.360	93.14	JP_2008_Iwate_03_EW	0.299	190.92	JP_2011_15MAR_EW	0.371	444.68	JP_2003_Miyagi_07_EW	0.363	70.31	JP_2009_Shizuoca_03_NS	0.295	100.18	JP_2016_Kumamoto_04_NS	0.250	155.07
	8	JP_2004_29NOV_01_EW	0.494	100.03	US_1992_Big Bear_270	0.638	195.28	JP_2011_Fukushima_06_NS	0.841	238.17	JP_2000_Tottori_03_EW	0.768	72.33	JP_2004_27OCT_01_NS	0.393	105.13	JP_2016_Kumamoto_05_NS	0.250	235.42
	9	JP_2012_25AGO_NS	0.726	102.99	JP_2007_Noto_01_NS	0.407	196.12	JP_2016_Kumamoto_01_NS	0.721	709.52	JP_2003_Miyagi_07_NS	0.288	79.36	JP_2000_Tottori_01_NS	0.258	108.54	JP_2016_Kumamoto_06_EW	0.250	190.91
	10	JP_2000_Tottori_03_EW	1.114	117.12	JP_2000_Tottori_02_EW	0.519	202.48	JP_2018_Hokkaido_02_EW	0.957	474.91	JP_2012_25AGO_NS	0.468	84.47	JP_2008_Iwate_03_NS	0.250	109.57	JP_2018_Hokkaido_02_EW	0.250	196.64
	11	JP_2012_25AGO_EW	0.630	133.52	JP_2013_25FEB_EW	0.403	209.63	JP_2018_Hokkaido_03_EW	0.669	448.42	JP_2003_Miyagi_09_NS	0.348	85.17	JP_2000_Tottori_02_EW	0.250	112.18	JP_2018_Osake_NS	0.250	152.33
	12	JP_2000_Tottori_04_EW	0.995	136.16	US_1987_WhittierNarrows_01_360	0.898	215.24	JP_2018_Hokkaido_04_NS	0.814	762.98	JP_2003_Miyagi_02_EW	0.348	86.17	JP_2000_Tottori_05_EW	0.348	115.45	TW_1999_ChiChi_04_360	0.250	227.79
	13	JP_2003_Miyagi_07_EW	0.603	137.35	JP_2004_27OCT_01_EW	1.282	218.54	TW_1999_ChiChi_04_90	1.116	377.79	JP_2016_28DEC_EW	0.445	87.06	JP_2004_27OCT_01_EW	0.633	118.79	TW_1999_ChiChi_07_360	0.250	232.95
	14	JP_2007_Noto_01_EW	0.306	150.98	JP_2004_27OCT_01_NS	0.904	221.91	TW_1999_ChiChi_06_360	0.916	525.19	JP_2021_Miyagi_02_EW	0.460	88.22	JP_2007_Noto_01_EW	0.250	119.30	TW_1999_ChiChi_10_360	0.250	151.43
	15	JP_2009_Shizuoca_03_NS	0.608	161.54	JP_2003_Miyagi_02_EW	0.789	230.80	TW_1999_ChiChi_08_360	0.976	338.85	JP_2003_Miyagi_09_EW	0.250	89.87	JP_2004_27OCT_03_EW	0.325	119.97	US_1989_Loma Prieta_05_195	0.423	185.64
	16	JP_2003_Miyagi_09_NS	0.587	165.12	JP_2011_Fukushima_06_NS	0.841	238.17	US_1989_Loma Prieta_03_90	1.030	385.06	JP_2000_Tottori_04_EW	0.543	90.52	US_1987_WhittierNarrows_01_360	0.430	122.45	US_1989_Loma Prieta_05_285	0.250	202.91
	17	JP_2004_29NOV_01_NS	1.086	179.14	JP_2011_Fukushima_06_EW	0.717	239.13	US_1989_Loma Prieta_04_90	1.110	652.22	JP_2012_25AGO_EW	0.385	93.58	CH_2014_Iquique_02_NS	1.121	123.83	US_1992_Petrolia_02_360	0.250	203.29
	18	JP_2021_Miyagi_02_EW	0.992	184.44	JP_2016_Kumamoto_03_NS	0.608	249.88	US_1989_Loma Prieta_06_0	0.938	319.68	JP_2003_Miyagi_02_NS	0.288	94.98	JP_2007_Noto_01_NS	0.250	124.26	US_1992_Petrolia_Aftershock_01_90	0.250	199.94
	19	JP_2003_Miyagi_09_EW	0.626	186.60	JP_2018_Osake_EW	0.521	254.86	US_1992_Big Bear_270	0.638	195.28	JP_2016_28DEC_NS	0.393	95.49	US_1987_WhittierNarrows_01_270	0.468	124.46	US_1994_Northridge_02_90	0.250	187.70
	20	JP_2008_Iwate_03_NS	0.360	189.84	JP_2000_Tottori_02_NS	0.488	258.61	US_1994_Northridge_02_90	1.537	624.27	JP_2011_19MAR_01_NS	0.325	98.11	CH_2012_GO05_NS	1.394	127.34	US_1994_Northridge_03_360	0.250	277.12
MAP E	1	JP_2003_Miyagi_07_NS	0.360	269.77	JP_2012_25AGO_EW	0.630	403.35	CH_2012_GO05_EW	2.955	4686.09	JP_2011_19MAR_01_EW	0.250	69.50	JP_2012_25AGO_EW	0.250	133.19	CH_2012_GO05_EW	0.250	372.40
	2	JP_2011_19MAR_02_EW	0.604	397.97	JP_2003_Miyagi_09_EW	0.626	554.67	CH_2014_Iquique_02_EW	2.783	4232.42	JP_2016_28DEC_EW	0.250	100.92	JP_2004_27OCT_01_EW	0.250	141.62	CH_2014_Iquique_02_EW	0.250	366.67
	3	JP_2012_25AGO_EW	0.630	403.35	JP_2000_Tottori_04_EW	0.995	653.24	JP_2000_Tottori_02_NS	0.488	1404.42	JP_2011_19MAR_01_NS	0.250	120.07	JP_2000_Tottori_04_EW	0.250	145.34	CH_2014_Iquique_02_NS	0.250	195.99
	4	JP_2000_Tottori_04_NS	0.367	431.70	JP_2003_Miyagi_02_EW	0.789	759.88	JP_2004_Chuetzu_01_EW	0.425	5918.47	JP_2021_Miyagi_02_EW	0.250	126.12	JP_2011_19MAR_02_EW	0.250	156.14	JP_1997_Kagoshima_EW	0.250	668.33
	5	JP_2011_19MAR_01_NS	0.711	437.92	JP_2004_27OCT_01_EW	1.282	851.79	JP_2004_Chuetzu_06_EW	0.573	4308.92	JP_2011_19MAR_02_NS	0.250	129.99	JP_2003_Miyagi_02_NS	0.250	157.06	JP_2004_27OCT_02_NS	0.250	340.10
	6	JP_2011_19MAR_02_NS	0.890	467.46	JP_2004_27OCT_01_NS	0.904	861.93	JP_2009_Shizuoca_02_EW	2.030	6983.20	JP_2012_25AGO_EW	0.250	133.19	JP_2003_Miyagi_09_EW	0.250	188.50	JP_2009_Shizuoca_01_NS	0.250	278.28
	7	JP_2011_19MAR_01_EW	1.283	508.17	JP_2013_25FEB_NS	0.363	933.68	JP_2011_15MAR_EW	0.371	1633.49	JP_2004_27OCT_01_EW	0.250	141.62	JP_2009_Shizuoca_03_NS	0.250	202.48	JP_2009_Shizuoca_02_NS	0.250	988.81
	8	JP_2003_Miyagi_09_NS	0.587	509.55	JP_2009_Shizuoca_01_EW	0.957	1011.61	JP_2011_Fukushima_06_NS	0.841	1445.53	JP_2000_Tottori_04_EW	0.250	145.34	JP_2003_Miyagi_02_EW	0.250	203.87	JP_2011_Fukushima_04_NS	0.250	578.42
	9	JP_2000_Tottori_03_NS	0.614	521.96	JP_2008_Iwate_02_EW	0.276	1042.65	JP_2016_Kumamoto_01_NS	0.721	6233.23	JP_2016_28DEC_NS	0.250	153.44	JP_2004_27OCT_01_NS	0.250	206.04	JP_2016_Kumamoto_04_NS	0.250	558.77
	10	JP_2004_29NOV_01_EW	0.494	543.72	JP_2011_Fukushima_06_EW	0.717	1132.01	JP_2018_Hokkaido_02_EW	0.957	5476.03	JP_2011_19MAR_02_EW	0.250	156.14	JP_2003_Miyagi_07_EW	0.250	218.11	JP_2016_Kumamoto_05_EW	0.250	977.34
	11	JP_2003_Miyagi_09_EW	0.626	554.67	JP_2004_Chuetzu_04_NS	0.268	1155.99	JP_2018_Hokkaido_03_EW	0.669	3400.36	PE_2012_14MAY_NS	0.250	156.45	JP_2016_14APR_EW	0.250	220.47	JP_2016_Kumamoto_06_EW	0.250	1596.17
	12	JP_2009_Shizuoca_03_NS	0.608	560.17	JP_2013_25FEB_EW	0.403	1190.74	JP_2018_Hokkaido_04_NS	0.814	4947.77	JP_2003_Miyagi_02_NS	0.250	157.06	JP_2009_Shizuoca_01_EW	0.250	228.18	JP_2018_Osake_NS	0.250	420.62

	1 3	JP_2021_Miyagi_02_EW	0.99 2	577.55	US_1992_Big Bear_270	0.63 8	1194.42	TW_1999_ChiChi_04_90	1.11 6	12351.10	CH_2012_GO05_NS	0.25 0	160.44	JP_2004_29NOV_01_EW	0.25 0	262.39	TW_1999_ChiChi_07_360	0.25 0	1481.11
	1 4	JP_2003_Miyagi_07_EW	0.60 3	585.44	US_1992_Big Bear_360	0.74 2	1209.98	TW_1999_ChiChi_06_36 0	0.91 6	7360.15	JP_2003_Miyagi_08_E W	0.25 0	174.58	JP_2004_29NOV_01_NS	0.25 0	264.27	US_1987_WhittierNarrows_01_ 270	0.25 0	476.25
	1 5	JP_2003_Miyagi_08_EW	0.80 6	641.77	JP_2004_29NOV_01_NS	1.08 6	1238.76	TW_1999_ChiChi_08_36 0	0.97 6	3674.57	PE_2012_14MAY_EW	0.25 0	177.89	JP_2011_12APR_NS	0.25 0	276.99	US_1987_WhittierNarrows_01_ 360	0.25 0	395.97
	1 6	JP_2013_13APR_EW	0.75 2	650.56	JP_2007_Noto_01_EW	0.30 6	1338.33	US_1989_Loma Prieta_03_90	1.03 0	6824.94	JP_2003_Miyagi_07_N S	0.25 0	183.82	JP_2009_Shizuoca_01_NS	0.25 0	278.28	US_1989_Loma Prieta_05_195	0.25 0	607.42
	1 7	JP_2000_Tottori_04_EW	0.99 5	653.24	JP_2007_Noto_01_NS	0.40 7	1383.91	US_1989_Loma Prieta_04_90	1.11 0	5466.29	JP_2013_13APR_NS	0.25 0	186.28	JP_2016_14APR_NS	0.25 0	284.53	US_1989_Loma Prieta_05_285	0.25 0	1002.39
	1 8	JP_2013_13APR_NS	0.93 0	676.61	JP_2008_Iwate_02_NS	0.48 7	1384.56	US_1989_Loma Prieta_06_0	0.93 8	5577.08	JP_2003_Miyagi_09_E W	0.25 0	188.50	JP_2000_Tottori_04_NS	0.25 0	288.87	US_1992_Petrolia_Aftershock_ 01_90	0.25 0	966.57
	1 9	JP_2016_28DEC_EW	1.39 9	707.34	JP_2000_Tottori_02_NS	0.48 8	1404.42	US_1992_Big Bear_270	0.63 8	1194.42	JP_2003_Miyagi_09_N S	0.25 0	191.06	JP_2012_25AGO_NS	0.25 0	311.18	US_1994_Northridge_02_90	0.25 0	987.68
	2 0	JP_2003_Miyagi_02_EW	0.78 9	759.88	JP_2000_Tottori_05_EW	0.82 6	1405.21	US_1994_Northridge_02 _90	1.53 7	6281.56	CH_2014_Iquique_02_ NS	0.25 0	195.99	JP_2011_Fukushima_06_EW	0.25 0	367.32	US_1994_Northridge_03_360	0.25 0	2201.77
MSE	1	JP_2000_Tottori_04_NS	0.36 7	5771.6 8	JP_2000_Tottori_04_EW	0.99 5	35898.1 0	CH_2012_GO05_EW	2.95 5	410879.3 4	JP_2011_19MAR_02_ EW	0.49 8	3805.9 9	JP_2011_19MAR_02_NS	0.73 8	5823.1 4	CH_2014_Iquique_02_EW	1.18 2	40190.5 7
	2	JP_2011_19MAR_02_EW	0.60 4	9009.2 2	JP_2007_Noto_01_EW	0.30 6	36082.4 0	CH_2014_Iquique_02_E W	2.78 3	185562.5 1	JP_2013_13APR_NS	0.73 0	4534.9 9	JP_2000_Tottori_04_EW	0.67 8	14107. 28	JP_1997_Kagoshima_EW	0.33 3	42232.3 1
	3	JP_2011_19MAR_02_NS	0.89 0	10778. 58	JP_2008_Iwate_03_NS	0.36 0	50395.2 5	JP_2000_Tottori_02_NS	0.48 8	148380.7 1	JP_2000_Tottori_04_N S	0.40 0	4877.1 1	JP_2012_25AGO_NS	0.55 0	14392. 84	JP_2004_27OCT_03_EW	0.51 3	28407.2 4
	4	JP_2013_13APR_NS	0.93 0	13031. 59	JP_2012_25AGO_EW	0.63 0	54074.4 4	JP_2004_Chuettsu_01_E W	0.42 5	848291.9 3	JP_2011_19MAR_02_ NS	0.73 8	5823.1 4	JP_2008_Iwate_03_NS	0.25 0	16600. 54	JP_2004_Chuettsu_06_EW	0.25 0	71375.2 1
	5	JP_2004_29NOV_01_EW	0.49 4	16333. 66	JP_2004_29NOV_01_NS	1.08 6	59015.5 5	JP_2004_Chuettsu_06_E W	0.57 3	329835.5 6	JP_2013_13APR_EW	0.55 8	7126.0 6	JP_2003_Miyagi_02_EW	0.42 3	18881. 86	JP_2007_Noto_01_EW	0.25 0	20789.0 0
	6	JP_2013_13APR_EW	0.75 2	20817. 05	JP_2008_Iwate_03_EW	0.29 9	59104.7 6	JP_2009_Shizuoca_02_E W	2.03 0	1049589. 47	JP_2000_Tottori_03_E W	0.72 3	13222. 41	JP_2007_Noto_01_EW	0.25 0	20789. 00	JP_2009_Shizuoca_01_NS	0.28 8	60828.1 9
	7	JP_2012_25AGO_NS	0.72 6	24336. 33	JP_2007_Noto_01_NS	0.40 7	65528.4 9	JP_2011_15MAR_EW	0.37 1	390189.8 9	JP_2000_Tottori_03_N S	0.46 0	13397. 97	JP_2012_25AGO_EW	0.40 0	22400. 02	JP_2011_15MAR_NS	0.25 0	48992.9 0
	8	JP_2000_Tottori_03_NS	0.61 4	25056. 59	US_1987_WhittierNarrows_0 1_360	0.89 8	69518.6 5	JP_2011_Fukushima_06 _NS	0.84 1	110275.9 6	JP_2003_Miyagi_07_E W	0.38 5	13489. 64	JP_2000_Tottori_02_EW	0.29 5	22546. 67	JP_2011_Fukushima_04_NS	0.25 0	77088.7 7
	9	JP_2003_Miyagi_07_NS	0.36 0	28419. 39	JP_2013_25FEB_EW	0.40 3	78648.0 6	JP_2016_Kumamoto_01 _NS	0.72 1	793442.9 0	JP_2000_Tottori_04_E W	0.67 8	14107. 28	JP_2007_Noto_01_NS	0.25 0	23453. 36	JP_2016_Kumamoto_05_NS	0.25 0	88990.5 0
	1 0	JP_2000_Tottori_04_EW	0.99 5	35898. 10	JP_2000_Tottori_02_EW	0.51 9	79830.1 5	JP_2018_Hokkaido_02_ EW	0.95 7	339826.0 0	JP_2012_25AGO_NS	0.55 0	14392. 84	JP_2004_27OCT_01_NS	0.48 3	23655. 46	JP_2016_Kumamoto_06_EW	0.30 3	64568.2 3
	1 1	JP_2007_Noto_01_EW	0.30 6	36082. 40	US_1992_Big Bear_270	0.63 8	87724.2 1	JP_2018_Hokkaido_03_ EW	0.66 9	391503.5 7	JP_2003_Miyagi_07_N S	0.26 5	15066. 92	US_1987_WhittierNarrows_0 1_360	0.52 8	23996. 41	JP_2018_Osake_NS	0.39 3	48575.0 0
	1 2	JP_2000_Tottori_03_EW	1.11 4	43427. 15	JP_2004_27OCT_01_EW	1.28 2	87853.3 4	JP_2018_Hokkaido_04_ NS	0.81 4	923930.0 0	JP_2004_29NOV_01_ EW	0.47 5	16138. 12	JP_2000_Tottori_01_NS	0.32 5	25497. 85	TW_1999_ChiChi_04_360	0.25 0	82362.2 9
	1 3	JP_2003_Miyagi_07_EW	0.60 3	45925. 05	JP_2003_Miyagi_09_EW	0.62 6	89492.8 1	TW_1999_ChiChi_04_90	1.11 6	197538.7 6	JP_2008_Iwate_03_N S	0.25 0	16600. 54	JP_2004_27OCT_01_EW	0.70 0	26331. 28	TW_1999_ChiChi_07_360	0.25 0	84898.7 8
	1 4	JP_2008_Iwate_03_NS	0.36 0	50395. 25	JP_2003_Miyagi_02_EW	0.78 9	90174.7 1	TW_1999_ChiChi_06_36 0	0.91 6	399520.6 3	JP_2003_Miyagi_02_E W	0.42 3	18881. 86	JP_2013_25FEB_EW	0.25 0	27387. 69	US_1989_Loma Prieta_03_0	0.31 8	33273.8 8
	1 5	JP_2012_25AGO_EW	0.63 0	54074. 44	JP_2016_Kumamoto_03_NS	0.60 8	92190.9 1	TW_1999_ChiChi_08_36 0	0.97 6	186017.3 6	JP_2021_Miyagi_02_E W	0.55 8	18911. 26	JP_2004_29NOV_01_NS	0.67 8	27635. 76	US_1989_Loma Prieta_05_285	0.30 3	75301.4 0
	1 6	JP_2004_29NOV_01_NS	1.08 6	59015. 55	JP_2004_27OCT_01_NS	0.90 4	92300.7 5	US_1989_Loma Prieta_03_90	1.03 0	198584.9 2	JP_2003_Miyagi_09_E W	0.34 0	20407. 38	JP_2004_27OCT_03_EW	0.51 3	28407. 24	US_1989_Loma Prieta_06_90	0.52 8	42603.4 7
	1 7	JP_2008_Iwate_03_EW	0.29 9	59104. 76	JP_2016_Kumamoto_03_EW	0.62 1	99621.3 6	US_1989_Loma Prieta_04_90	1.11 0	653983.8 2	JP_2007_Noto_01_EW	0.25 0	20789. 00	US_1987_WhittierNarrows_0 1_270	0.53 5	28590. 29	US_1992_Big Bear_360	0.27 3	49819.4 1
	1 8	JP_2009_Shizuoca_03_NS	0.60 8	60463. 89	JP_2011_Fukushima_06_NS	0.84 1	110275. 96	US_1989_Loma Prieta_06_0	0.93 8	130430.1 0	JP_2003_Miyagi_09_N S	0.31 0	20827. 87	CH_2014_Iquique_02_NS	1.51 5	29642. 29	US_1992_Petrolia_02_360	0.25 0	74640.0 9
	1 9	JP_2007_Noto_01_NS	0.40 7	65528. 49	JP_2011_Fukushima_06_EW	0.71 7	111467. 39	US_1992_Big Bear_270	0.63 8	87724.21	JP_2009_Shizuoca_03 _NS	0.37 0	22272. 57	CH_2012_GO05_NS	1.57 6	30268. 20	US_1992_Petrolia_Aftershock_ 01_90	0.31 8	78245.6 1
	2 0	US_1987_WhittierNarrows_0 1_360	0.89 8	69518. 65	JP_2004_27OCT_03_EW	1.02 3	114093. 82	US_1994_Northridge_02 _90	1.53 7	527809.2 6	JP_2012_25AGO_EW	0.40 0	22400. 02	JP_2000_Tottori_01_EW	0.32 5	30320. 08	US_1994_Northridge_03_360	0.25 0	106152. 38
RMS E	1	JP_2000_Tottori_04_NS	0.36 7	75.97	JP_2000_Tottori_04_EW	0.99 5	189.47	CH_2012_GO05_EW	2.95 5	641.00	JP_2011_19MAR_02_ EW	0.49 8	61.69	JP_2011_19MAR_02_NS	0.73 8	76.31	CH_2014_Iquique_02_EW	1.18 2	200.48
	2	JP_2011_19MAR_02_EW	0.60 4	94.92	JP_2007_Noto_01_EW	0.30 6	189.95	CH_2014_Iquique_02_E W	2.78 3	430.77	JP_2013_13APR_NS	0.73 0	67.34	JP_2000_Tottori_04_EW	0.67 8	118.77	JP_1997_Kagoshima_EW	0.33 3	205.51
	3	JP_2011_19MAR_02_NS	0.89 0	103.82	JP_2008_Iwate_03_NS	0.36 0	224.49	JP_2000_Tottori_02_NS	0.48 8	385.20	JP_2000_Tottori_04_N S	0.40 0	69.84	JP_2012_25AGO_NS	0.55 0	119.97	JP_2004_27OCT_03_EW	0.51 3	168.54
	4	JP_2013_13APR_NS	0.93 0	114.16	JP_2012_25AGO_EW	0.63 0	232.54	JP_2004_Chuettsu_01_E W	0.42 5	921.03	JP_2011_19MAR_02_ NS	0.73 8	76.31	JP_2008_Iwate_03_NS	0.25 0	128.84	JP_2004_Chuettsu_06_EW	0.25 0	267.16
	5	JP_2004_29NOV_01_EW	0.49 4	127.80	JP_2004_29NOV_01_NS	1.08 6	242.93	JP_2004_Chuettsu_06_E W	0.57 3	574.31	JP_2013_13APR_EW	0.55 8	84.42	JP_2003_Miyagi_02_EW	0.42 3	137.41	JP_2007_Noto_01_EW	0.25 0	144.18
	6	JP_2013_13APR_EW	0.75 2	144.28	JP_2008_Iwate_03_EW	0.29 9	243.11	JP_2009_Shizuoca_02_E W	2.03 0	1024.49	JP_2000_Tottori_03_E W	0.72 3	114.99	JP_2007_Noto_01_EW	0.25 0	144.18	JP_2009_Shizuoca_01_NS	0.28 8	246.63
	7	JP_2012_25AGO_NS	0.72 6	156.00	JP_2007_Noto_01_NS	0.40 7	255.99	JP_2011_15MAR_EW	0.37 1	624.65	JP_2000_Tottori_03_N S	0.46 0	115.75	JP_2012_25AGO_EW	0.40 0	149.67	JP_2011_15MAR_NS	0.25 0	221.34
	8	JP_2000_Tottori_03_NS	0.61 4	158.29	US_1987_WhittierNarrows_0 1_360	0.89 8	263.66	JP_2011_Fukushima_06 _NS	0.84 1	332.08	JP_2003_Miyagi_07_E W	0.38 5	116.14	JP_2000_Tottori_02_EW	0.29 5	150.16	JP_2011_Fukushima_04_NS	0.25 0	277.65
	9	JP_2003_Miyagi_07_NS	0.36 0	168.58	JP_2013_25FEB_EW	0.40 3	280.44	JP_2016_Kumamoto_01 _NS	0.72 1	890.75	JP_2000_Tottori_04_E W	0.67 8	118.77	JP_2007_Noto_01_NS	0.25 0	153.14	JP_2016_Kumamoto_05_NS	0.25 0	298.31
	1 0	JP_2000_Tottori_04_EW	0.99 5	189.47	JP_2000_Tottori_02_EW	0.51 9	282.54	JP_2018_Hokkaido_02_ EW	0.95 7	582.95	JP_2012_25AGO_NS	0.55 0	119.97	JP_2004_27OCT_01_NS	0.48 3	153.80	JP_2016_Kumamoto_06_EW	0.30 3	254.10
	1 1	JP_2007_Noto_01_EW	0.30 6	189.95	US_1992_Big Bear_270	0.63 8	296.18	JP_2018_Hokkaido_03_ EW	0.66 9	625.70	JP_2003_Miyagi_07_N S	0.26 5	122.75	US_1987_WhittierNarrows_0 1_360	0.52 8	154.91	JP_2018_Osake_NS	0.39 3	220.40

	1 2	JP_2000_Tottori_03_EW	1.11 4	208.39	JP_2004_27OCT_01_EW	1.28 2	296.40	JP_2018_Hokkaido_04_ NS	0.81 4	961.21	JP_2004_29NOV_01_ EW	0.47 5	127.04	JP_2000_Tottori_01_NS	0.32 5	159.68	TW_1999_ChiChi_04_360	0.25 0	286.99
	1 3	JP_2003_Miyagi_07_EW	0.60 3	214.30	JP_2003_Miyagi_09_EW	0.62 6	299.15	TW_1999_ChiChi_04_90	1.11 6	444.45	JP_2008_Iwate_03_ N S	0.25 0	128.84	JP_2004_27OCT_01_EW	0.70 0	162.27	TW_1999_ChiChi_07_360	0.25 0	291.37
	1 4	JP_2008_Iwate_03_NS	0.36 0	224.49	JP_2003_Miyagi_02_EW	0.78 9	300.29	TW_1999_ChiChi_06_36 0	0.91 6	632.08	JP_2003_Miyagi_02_E W	0.42 3	137.41	JP_2013_25FEB_EW	0.25 0	165.49	US_1989_Loma Prieta_03_0	0.31 8	182.41
	1 5	JP_2012_25AGO_EW	0.63 0	232.54	JP_2016_Kumamoto_03_NS	0.60 8	303.63	TW_1999_ChiChi_08_36 0	0.97 6	431.30	JP_2021_Miyagi_02_E W	0.55 8	137.52	JP_2004_29NOV_01_NS	0.67 8	166.24	US_1989_Loma Prieta_05_285	0.30 3	274.41
	1 6	JP_2004_29NOV_01_NS	1.08 6	242.93	JP_2004_27OCT_01_NS	0.90 4	303.81	US_1989_Loma Prieta_03_90	1.03 0	445.63	JP_2003_Miyagi_09_E W	0.34 0	142.85	JP_2004_27OCT_03_EW	0.51 3	168.54	US_1989_Loma Prieta_06_90	0.52 8	206.41
	1 7	JP_2008_Iwate_03_EW	0.29 9	243.11	JP_2016_Kumamoto_03_EW	0.62 1	315.63	US_1989_Loma Prieta_04_90	1.11 0	808.69	JP_2007_Noto_01_EW	0.25 0	144.18	US_1987_WhittierNarrows_0 1_270	0.53 5	169.09	US_1992_Big Bear_360	0.27 3	223.20
	1 8	JP_2009_Shizuoca_03_NS	0.60 8	245.89	JP_2011_Fukushima_06_NS	0.84 1	332.08	US_1989_Loma Prieta_06_0	0.93 8	361.15	JP_2003_Miyagi_09_ N S	0.31 0	144.32	CH_2014_Iquique_02_NS	1.51 5	172.17	US_1992_Petrolia_02_360	0.25 0	273.20
	1 9	JP_2007_Noto_01_NS	0.40 7	255.99	JP_2011_Fukushima_06_EW	0.71 7	333.87	US_1992_Big Bear_270	0.63 8	296.18	JP_2009_Shizuoca_03 NS	0.37 0	149.24	CH_2012_GO05_NS	1.57 6	173.98	US_1992_Petrolia_Aftershock_ 01_90	0.31 8	279.72
	2 0	US_1987_WhittierNarrows_0 1_360	0.89 8	263.66	JP_2004_27OCT_03_EW	1.02 3	337.78	US_1994_Northridge_02_ 90	1.53 7	726.50	JP_2012_25AGO_EW	0.40 0	149.67	JP_2000_Tottori_01_EW	0.32 5	174.13	US_1994_Northridge_03_360	0.25 0	325.81

REGISTROS SELECCIONADOS CASO Ymr-I T=0.16s - TSemc-tr-2475																			
Caso:		TSemc-tr-2475_NSp_Sbs			TSemc-tr-2475_NSp_Sci			TSemc-tr-2475_NSp_Ssr			TSemc-tr-2475_NSr_Sbs			TSemc-tr-2475_NSr_Sci			TSemc-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2000_Tottori_04_NS	0.460	77.42	JP_2012_25AGO_EW	0.790	171.41	CH_2012_GO05_EW	3.708	655.94	JP_2011_19MAR_02_EW	0.573	51.40	JP_2003_Miyagi_07_EW	0.438	88.86	CH_2012_GO05_EW	0.603	206.61
	2	JP_2000_Tottori_03_NS	0.770	82.20	JP_2000_Tottori_04_EW	1.248	176.55	CH_2014_Iquique_02_EW	3.493	475.68	JP_2013_13APR_EW	0.655	58.84	JP_2012_25AGO_NS	0.580	106.68	JP_2000_Tottori_02_EW	0.250	138.49
	3	JP_2011_19MAR_02_EW	0.758	85.35	JP_2007_Noto_01_EW	0.384	195.89	JP_1997_Kagoshima_NS	2.697	1228.47	JP_2013_13APR_NS	0.858	59.96	JP_2003_Miyagi_02_EW	0.423	108.91	JP_2004_27OCT_02_NS	0.603	198.62
	4	JP_2011_19MAR_02_NS	1.116	88.34	JP_2004_29NOV_01_NS	1.362	230.92	JP_2004_Chuet-su_06_EW	0.719	600.97	JP_2011_19MAR_02_NS	0.955	70.10	JP_2003_Miyagi_09_EW	0.303	112.49	JP_2007_Noto_01_EW	0.250	143.02
	5	JP_2013_13APR_EW	0.944	109.71	JP_2003_Miyagi_09_EW	0.785	241.90	JP_2004_Chuet-su_06_NS	0.686	615.30	JP_2000_Tottori_03_NS	0.708	73.43	JP_2000_Tottori_04_EW	0.670	113.53	JP_2009_Shizuoca_01_NS	0.250	194.36
	6	JP_2013_13APR_NS	1.166	111.30	JP_2008_Iwate_03_NS	0.452	245.97	JP_2016_Kumamoto_01_NS	0.904	898.12	JP_2000_Tottori_04_NS	0.520	73.92	JP_2009_Shizuoca_03_NS	0.355	125.26	JP_2009_Shizuoca_02_NS	0.250	242.93
	7	JP_2003_Miyagi_07_NS	0.452	117.10	JP_2008_Iwate_03_EW	0.375	247.33	JP_2018_Hokkaido_02_EW	1.201	602.06	JP_2003_Miyagi_07_EW	0.438	88.86	JP_2008_Iwate_03_NS	0.250	127.64	JP_2009_Shizuoca_03_EW	0.393	199.47
	8	JP_2004_29NOV_01_EW	0.620	124.65	US_1992_Big Bear_270	0.801	250.62	JP_2018_Hokkaido_03_EW	0.839	569.78	JP_2000_Tottori_03_EW	0.948	90.22	JP_2004_27OCT_01_NS	0.475	131.99	JP_2011_15MAR_NS	0.250	224.27
	9	JP_2012_25AGO_NS	0.912	131.78	JP_2007_Noto_01_NS	0.511	252.64	JP_2018_Hokkaido_04_NS	1.022	965.20	JP_2003_Miyagi_07_NS	0.363	97.64	JP_2000_Tottori_01_NS	0.303	136.00	JP_2011_Fukushima_04_NS	0.250	220.14
	10	JP_2000_Tottori_03_EW	1.397	152.43	JP_2000_Tottori_02_EW	0.652	261.83	TW_1999_ChiChi_04_90	1.401	480.99	JP_2003_Miyagi_09_NS	0.438	106.57	JP_2000_Tottori_02_EW	0.250	138.49	JP_2016_Kumamoto_04_NS	0.250	191.45
	11	JP_2012_25AGO_EW	0.790	171.41	JP_2013_25FEB_EW	0.505	269.84	TW_1999_ChiChi_08_360	1.225	431.94	JP_2012_25AGO_NS	0.580	106.68	JP_2007_Noto_01_EW	0.250	143.02	JP_2016_Kumamoto_06_EW	0.250	227.68
	12	JP_2000_Tottori_04_EW	1.248	176.55	US_1987_WhittierNarrows_01_360	1.127	277.36	TW_1999_ChiChi_08_90	0.767	390.98	JP_2003_Miyagi_02_EW	0.423	108.91	JP_2000_Tottori_05_EW	0.423	143.98	JP_2018_Hokkaido_02_EW	0.250	233.02
	13	JP_2003_Miyagi_07_EW	0.757	179.05	JP_2004_27OCT_01_EW	1.608	280.93	TW_1999_ChiChi_10_90	0.673	459.63	JP_2016_28DEC_EW	0.535	109.25	JP_2007_Noto_01_NS	0.250	145.83	JP_2018_Osake_NS	0.250	188.71
	14	JP_2007_Noto_01_EW	0.384	195.89	JP_2004_27OCT_01_NS	1.134	286.22	US_1989_Loma Prieta_01_0	1.308	875.35	JP_2021_Miyagi_02_EW	0.558	111.50	JP_2004_27OCT_01_EW	0.768	148.42	TW_1999_ChiChi_04_360	0.250	268.12
	15	JP_2009_Shizuoca_03_NS	0.763	208.82	JP_2003_Miyagi_02_EW	0.990	297.38	US_1989_Loma Prieta_04_90	1.393	826.21	JP_2003_Miyagi_09_EW	0.303	112.49	JP_2004_27OCT_03_EW	0.393	149.96	TW_1999_ChiChi_07_360	0.250	274.43
	16	JP_2003_Miyagi_09_NS	0.736	214.96	JP_2011_Fukushima_06_NS	1.055	303.42	US_1989_Loma Prieta_05_195	2.902	519.18	JP_2000_Tottori_04_EW	0.670	113.53	JP_2013_25FEB_EW	0.250	150.00	US_1989_Loma Prieta_05_285	0.250	243.59
	17	JP_2004_29NOV_01_NS	1.362	230.92	JP_2011_Fukushima_06_EW	0.899	306.19	US_1989_Loma Prieta_06_0	1.177	408.91	JP_2012_25AGO_EW	0.475	117.90	US_1987_WhittierNarrows_01_360	0.528	152.37	US_1992_Petrolia_02_360	0.250	238.82
	18	JP_2021_Miyagi_02_EW	1.245	239.20	JP_2016_Kumamoto_03_NS	0.763	319.67	US_1992_Petrolia_Aftershock_01_90	2.679	1244.94	JP_2003_Miyagi_02_NS	0.340	118.55	CH_2014_Iquique_02_NS	1.364	154.63	US_1992_Petrolia_Aftershock_01_90	0.250	243.09
	19	JP_2003_Miyagi_09_EW	0.785	241.90	JP_2018_Osake_EW	0.653	327.57	US_1994_Northridge_02_90	1.929	791.14	JP_2016_28DEC_NS	0.475	119.34	US_1987_WhittierNarrows_01_270	0.565	155.38	US_1994_Northridge_02_90	0.250	228.53
	20	JP_2008_Iwate_03_NS	0.452	245.97	JP_2000_Tottori_02_NS	0.612	330.68	US_1994_Northridge_03_90	1.011	784.12	JP_2011_19MAR_01_EW	0.453	122.68	JP_2008_Iwate_03_EW	0.250	157.16	US_1994_Northridge_03_360	0.250	310.14
MAP E	1	JP_2003_Miyagi_07_NS	0.452	323.93	JP_2012_25AGO_EW	0.790	480.92	CH_2012_GO05_EW	3.708	5549.99	JP_2011_19MAR_01_EW	0.250	72.92	JP_2012_25AGO_EW	0.250	126.94	CH_2012_GO05_EW	0.250	352.28
	2	JP_2011_19MAR_02_EW	0.758	478.52	JP_2003_Miyagi_09_EW	0.785	655.72	CH_2014_Iquique_02_EW	3.493	5020.60	JP_2016_28DEC_EW	0.250	102.09	JP_2004_27OCT_01_EW	0.250	133.29	CH_2014_Iquique_02_EW	0.250	349.26
	3	JP_2012_25AGO_EW	0.790	480.92	JP_2000_Tottori_04_EW	1.248	774.99	JP_1997_Kagoshima_NS	2.697	7683.15	JP_2011_19MAR_01_NS	0.250	110.50	JP_2000_Tottori_04_EW	0.250	139.91	CH_2014_Iquique_02_NS	0.250	190.75
	4	JP_2011_19MAR_01_NS	0.892	515.11	JP_2003_Miyagi_02_EW	0.990	892.96	JP_2004_Chuet-su_06_EW	0.719	5058.01	JP_2021_Miyagi_02_EW	0.250	125.16	JP_2003_Miyagi_02_NS	0.250	148.34	JP_1997_Kagoshima_EW	0.250	623.74

	5	JP_2000_Tottori_04_NS	0.46 0	516.06	JP_2004_27OCT_01_EW	1.60 8	1003.06	JP_2004_Chuetstu_06_NS	0.68 6	4528.11	JP_2012_25AGO_EW	0.25 0	126.94	JP_2011_19MAR_02_EW	0.25 0	152.02	JP_2004_27OCT_02_NS	0.25 0	322.22
	6	JP_2011_19MAR_02_NS	1.11 6	560.72	JP_2004_27OCT_01_NS	1.13 4	1016.45	JP_2016_Kumamoto_01_NS	0.90 4	7360.55	JP_2011_19MAR_02_NS	0.25 0	127.31	JP_2003_Miyagi_09_EW	0.25 0	176.16	JP_2009_Shizuoca_01_NS	0.25 0	256.44
	7	JP_2011_19MAR_01_EW	1.60 9	595.01	JP_2013_25FEB_NS	0.45 5	1097.25	JP_2018_Hokkaido_02_EW	1.20 1	6475.63	JP_2004_27OCT_01_EW	0.25 0	133.29	JP_2009_Shizuoca_03_NS	0.25 0	188.77	JP_2009_Shizuoca_02_NS	0.25 0	929.60
	8	JP_2003_Miyagi_09_NS	0.73 6	606.18	JP_2009_Shizuoca_01_EW	1.20 0	1188.42	JP_2018_Hokkaido_03_EW	0.83 9	4018.39	JP_2000_Tottori_04_EW	0.25 0	139.91	JP_2003_Miyagi_02_EW	0.25 0	192.19	JP_2011_Fukushima_04_NS	0.25 0	539.59
	9	JP_2000_Tottori_03_NS	0.77 0	631.10	JP_2008_Iwate_02_EW	0.34 7	1206.84	JP_2018_Hokkaido_04_NS	1.02 2	5771.62	JP_2003_Miyagi_02_NS	0.25 0	148.34	JP_2004_27OCT_01_NS	0.25 0	192.58	JP_2016_Kumamoto_04_NS	0.25 0	522.01
	10	JP_2004_29NOV_01_EW	0.62 0	644.36	JP_2011_Fukushima_06_EW	0.89 9	1332.41	TW_1999_ChiChi_04_90	1.40 1	14794.14	JP_2011_19MAR_02_EW	0.25 0	152.02	JP_2016_14APR_EW	0.25 0	204.91	JP_2016_Kumamoto_05_EW	0.25 0	925.06
	11	JP_2003_Miyagi_09_EW	0.78 5	655.72	JP_2004_Chuetstu_04_NS	0.33 6	1365.83	TW_1999_ChiChi_08_360	1.22 5	4349.31	PE_2012_14MAY_NS	0.25 0	152.84	JP_2003_Miyagi_07_EW	0.25 0	210.08	JP_2016_Kumamoto_06_EW	0.25 0	1503.38
	12	JP_2009_Shizuoca_03_NS	0.76 3	662.75	JP_2013_25FEB_EW	0.50 5	1408.57	TW_1999_ChiChi_08_90	0.76 7	3457.34	JP_2016_28DEC_NS	0.25 0	154.77	JP_2009_Shizuoca_01_EW	0.25 0	210.54	JP_2018_Osake_NS	0.25 0	391.67
	13	JP_2021_Miyagi_02_EW	1.24 5	684.08	US_1992_Big Bear_270	0.80 1	1412.33	TW_1999_ChiChi_10_90	0.67 3	3970.82	CH_2012_GO05_NS	0.25 0	156.62	JP_2004_29NOV_01_EW	0.25 0	246.73	TW_1999_ChiChi_07_360	0.25 0	1384.10
	14	JP_2003_Miyagi_07_EW	0.75 7	700.20	US_1992_Big Bear_360	0.93 2	1414.99	US_1989_Loma Prieta_01_0	1.30 8	6533.80	JP_2003_Miyagi_08_EW	0.25 0	167.48	JP_2004_29NOV_01_NS	0.25 0	249.12	US_1987_WhittierNarrows_01_270	0.25 0	448.70
	15	JP_2003_Miyagi_08_EW	1.01 1	763.20	JP_2004_29NOV_01_NS	1.36 2	1465.40	US_1989_Loma Prieta_04_90	1.39 3	6375.95	PE_2012_14MAY_EW	0.25 0	174.03	JP_2009_Shizuoca_01_NS	0.25 0	256.44	US_1987_WhittierNarrows_01_360	0.25 0	370.40
	16	JP_2000_Tottori_04_EW	1.24 8	774.99	JP_2007_Noto_01_EW	0.38 4	1587.29	US_1989_Loma Prieta_05_195	2.90 2	6818.16	JP_2003_Miyagi_07_NS	0.25 0	176.04	JP_2011_12APR_NS	0.25 0	262.13	US_1989_Loma Prieta_05_195	0.25 0	573.94
	17	JP_2013_13APR_EW	0.94 4	784.98	JP_2008_Iwate_02_NS	0.61 1	1609.68	US_1989_Loma Prieta_06_0	1.17 7	6623.79	JP_2003_Miyagi_09_EW	0.25 0	176.16	JP_2016_14APR_NS	0.25 0	267.15	US_1989_Loma Prieta_05_285	0.25 0	938.14
	18	JP_2013_13APR_NS	1.16 6	813.57	JP_2007_Noto_01_NS	0.51 1	1641.19	US_1992_Petrolia_Aftershock_01_90	2.67 9	10074.91	JP_2003_Miyagi_09_NS	0.25 0	179.98	JP_2000_Tottori_04_NS	0.25 0	273.33	US_1992_Petrolia_Aftershock_01_90	0.25 0	907.47
	19	JP_2016_28DEC_EW	1.75 6	833.63	JP_2000_Tottori_05_EW	1.03 7	1659.00	US_1994_Northridge_02_90	1.92 9	7393.24	JP_2013_13APR_NS	0.25 0	182.00	JP_2012_25AGO_NS	0.25 0	300.82	US_1994_Northridge_02_90	0.25 0	926.52
	20	JP_2003_Miyagi_02_EW	0.99 0	892.96	JP_2000_Tottori_02_NS	0.61 2	1661.20	US_1994_Northridge_03_90	1.01 1	7658.92	JP_2009_Shizuoca_03_NS	0.25 0	188.77	JP_2011_Fukushima_06_EW	0.25 0	341.82	US_1994_Northridge_03_360	0.25 0	2054.13
MSE	1	JP_2000_Tottori_04_NS	0.46 0	8285.77	JP_2000_Tottori_04_EW	1.24 8	60211.85	CH_2012_GO05_EW	3.70 8	659716.84	JP_2011_19MAR_02_EW	0.61 0	6303.61	JP_2011_19MAR_02_NS	0.90 3	9516.41	JP_1997_Kagoshima_EW	0.40 8	66057.65
	2	JP_2011_19MAR_02_EW	0.75 8	15998.47	JP_2007_Noto_01_EW	0.38 4	60311.56	CH_2014_Iquique_02_EW	3.49 3	300935.45	JP_2000_Tottori_04_NS	0.49 8	7362.42	JP_2000_Tottori_04_EW	0.83 5	22659.90	JP_2000_Tottori_02_EW	0.35 5	35986.49
	3	JP_2011_19MAR_02_NS	1.11 6	18816.16	JP_2008_Iwate_03_NS	0.45 2	84295.25	JP_1997_Kagoshima_NS	2.69 7	2087733.39	JP_2013_13APR_NS	0.89 5	7783.39	JP_2012_25AGO_NS	0.67 8	22820.33	JP_2000_Tottori_02_NS	0.27 3	61846.33
	4	JP_2013_13APR_NS	1.16 6	23174.11	JP_2012_25AGO_EW	0.79 0	89210.07	JP_2004_Chuetstu_06_EW	0.71 9	528439.80	JP_2011_19MAR_02_NS	0.90 3	9516.41	JP_2008_Iwate_03_NS	0.28 0	25202.89	JP_2004_Chuetstu_06_EW	0.25 0	98535.92
	5	JP_2004_29NOV_01_EW	0.62 0	25816.94	JP_2004_29NOV_01_NS	1.36 2	96830.33	JP_2004_Chuetstu_06_NS	0.68 6	599641.44	JP_2013_13APR_EW	0.68 5	11598.69	JP_2007_Noto_01_EW	0.26 5	29022.22	JP_2007_Noto_01_EW	0.26 5	29022.22
	6	JP_2013_13APR_EW	0.94 4	35623.56	JP_2008_Iwate_03_EW	0.37 5	97944.30	JP_2016_Kumamoto_01_NS	0.90 4	1264688.99	JP_2000_Tottori_03_EW	0.88 8	20852.03	JP_2003_Miyagi_02_EW	0.52 0	30685.10	JP_2009_Shizuoca_01_EW	0.37 0	81614.91
	7	JP_2012_25AGO_NS	0.91 2	40595.85	JP_2007_Noto_01_NS	0.51 1	108324.33	JP_2018_Hokkaido_02_EW	1.20 1	544260.26	JP_2000_Tottori_03_NS	0.56 5	21161.79	JP_2000_Tottori_02_EW	0.35 5	35986.49	JP_2011_Fukushima_04_NS	0.25 0	114723.79
	8	JP_2000_Tottori_03_NS	0.77 0	41757.77	US_1987_WhittierNarrows_01_360	1.12 7	114310.89	JP_2018_Hokkaido_03_EW	0.83 9	626647.35	JP_2003_Miyagi_07_EW	0.47 5	21551.44	JP_2007_Noto_01_NS	0.29 5	37284.06	JP_2016_Kumamoto_04_EW	0.31 0	92364.45
	9	JP_2003_Miyagi_07_NS	0.45 2	46496.88	JP_2013_25FEB_EW	0.50 5	129313.51	JP_2018_Hokkaido_04_NS	1.02 2	1470401.90	JP_2000_Tottori_04_EW	0.83 5	22659.90	JP_2004_27OCT_01_NS	0.59 5	37867.39	JP_2016_Kumamoto_05_NS	0.25 0	127015.12
	10	JP_2000_Tottori_04_EW	1.24 8	60211.85	JP_2000_Tottori_02_EW	0.65 2	131678.08	TW_1999_ChiChi_04_90	1.40 1	316483.17	JP_2012_25AGO_NS	0.67 8	22820.33	JP_2008_Iwate_03_EW	0.25 0	37885.85	JP_2016_Kumamoto_06_EW	0.37 0	100034.77
	11	JP_2007_Noto_01_EW	0.38 4	60311.56	US_1992_Big Bear_270	0.80 1	142885.72	TW_1999_ChiChi_08_360	1.22 5	299854.80	JP_2003_Miyagi_07_NS	0.32 5	23265.90	US_1987_WhittierNarrows_01_360	0.64 8	37946.45	TW_1999_ChiChi_01_90	0.25 0	127848.58
	12	JP_2000_Tottori_03_EW	1.39 7	71954.12	JP_2004_27OCT_01_EW	1.60 8	144319.94	TW_1999_ChiChi_08_90	0.76 7	234035.65	JP_2004_29NOV_01_EW	0.58 0	25175.08	JP_2000_Tottori_01_NS	0.39 3	40846.54	TW_1999_ChiChi_04_360	0.28 8	126509.73
	13	JP_2003_Miyagi_07_EW	0.75 7	76467.65	JP_2003_Miyagi_09_EW	0.78 5	147325.70	TW_1999_ChiChi_10_90	0.67 3	289685.41	JP_2008_Iwate_03_NS	0.28 0	25202.89	JP_2004_27OCT_01_EW	0.85 8	41792.28	TW_1999_ChiChi_06_360	0.30 3	109121.01
	14	JP_2008_Iwate_03_NS	0.45 2	84295.25	JP_2003_Miyagi_02_EW	0.99 0	149353.47	US_1989_Loma Prieta_01_0	1.30 8	1164923.07	JP_2007_Noto_01_EW	0.26 5	29022.22	JP_2013_25FEB_EW	0.28 0	42177.91	TW_1999_ChiChi_07_360	0.28 0	130019.24
	15	JP_2012_25AGO_EW	0.79 0	89210.07	JP_2016_Kumamoto_03_NS	0.76 3	150033.97	US_1989_Loma Prieta_04_90	1.39 3	1040462.73	JP_2021_Miyagi_02_EW	0.68 5	30442.81	JP_2004_29NOV_01_NS	0.83 5	43525.93	TW_1999_ChiChi_08_360	0.49 0	79088.09
	16	JP_2004_29NOV_01_NS	1.36 2	96830.33	JP_2004_27OCT_01_NS	1.13 4	152112.63	US_1989_Loma Prieta_05_195	2.90 2	376800.40	JP_2003_Miyagi_02_EW	0.52 0	30685.10	JP_2004_27OCT_03_EW	0.63 3	45211.07	TW_1999_ChiChi_10_360	0.46 0	58322.83
	17	JP_2008_Iwate_03_EW	0.37 5	97944.30	JP_2016_Kumamoto_03_EW	0.77 9	162436.26	US_1989_Loma Prieta_06_0	1.17 7	210982.58	JP_2003_Miyagi_09_EW	0.41 5	32612.60	US_1987_WhittierNarrows_01_270	0.65 5	45490.05	US_1989_Loma Prieta_05_285	0.37 0	116108.78
	18	JP_2009_Shizuoca_03_NS	0.76 3	99866.39	JP_2011_Fukushima_06_NS	1.05 5	178518.84	US_1992_Petrolia_Aftershock_01_90	2.67 9	2122837.64	JP_2003_Miyagi_09_NS	0.38 5	32771.40	CH_2014_Iquique_02_NS	1.84 8	47219.67	US_1992_Petrolia_02_360	0.25 8	113214.38
	19	JP_2007_Noto_01_NS	0.51 1	108324.33	JP_2011_Fukushima_06_EW	0.89 9	181357.74	US_1994_Northridge_02_90	1.92 9	843562.69	JP_2009_Shizuoca_03_NS	0.45 3	35380.90	CH_2012_GO05_NS	1.93 9	48122.48	US_1994_Northridge_02_360	0.52 0	105556.62
	20	US_1987_WhittierNarrows_01_360	1.12 7	114310.89	JP_2004_27OCT_03_EW	1.28 4	187035.07	US_1994_Northridge_03_90	1.01 1	971094.34	JP_2012_25AGO_EW	0.49 0	35442.55	JP_2000_Tottori_01_EW	0.40 0	48182.03	US_1994_Northridge_03_360	0.25 0	141200.09
RMS E	1	JP_2000_Tottori_04_NS	0.46 0	91.03	JP_2000_Tottori_04_EW	1.24 8	245.38	CH_2012_GO05_EW	3.70 8	812.23	JP_2011_19MAR_02_EW	0.61 0	79.40	JP_2011_19MAR_02_NS	0.90 3	97.55	JP_1997_Kagoshima_EW	0.40 8	257.02
	2	JP_2011_19MAR_02_EW	0.75 8	126.49	JP_2007_Noto_01_EW	0.38 4	245.58	CH_2014_Iquique_02_EW	3.49 3	548.58	JP_2000_Tottori_04_NS	0.49 8	85.80	JP_2000_Tottori_04_EW	0.83 5	150.53	JP_2000_Tottori_02_EW	0.35 5	189.70
	3	JP_2011_19MAR_02_NS	1.11 6	137.17	JP_2008_Iwate_03_NS	0.45 2	290.34	JP_1997_Kagoshima_NS	2.69 7	1444.90	JP_2013_13APR_NS	0.89 5	88.22	JP_2012_25AGO_NS	0.67 8	151.06	JP_2000_Tottori_02_NS	0.27 3	248.69

	4	JP_2013_13APR_NS	1.16 6	152.23	JP_2012_25AGO_EW	0.79 0	298.68	JP_2004_Chuetstu_06_EW	0.71 9	726.94	JP_2011_19MAR_02_NS	0.90 3	97.55	JP_2008_Iwate_03_NS	0.28 0	158.75	JP_2004_Chuetstu_06_EW	0.25 0	313.90
	5	JP_2004_29NOV_01_EW	0.62 0	160.68	JP_2004_29NOV_01_NS	1.36 2	311.18	JP_2004_Chuetstu_06_NS	0.68 6	774.37	JP_2013_13APR_EW	0.68 5	107.70	JP_2007_Noto_01_EW	0.26 5	170.36	JP_2007_Noto_01_EW	0.26 5	170.36
	6	JP_2013_13APR_EW	0.94 4	188.74	JP_2008_Iwate_03_EW	0.37 5	312.96	JP_2016_Kumamoto_01_NS	0.90 4	1124.58	JP_2000_Tottori_03_EW	0.88 8	144.40	JP_2003_Miyagi_02_EW	0.52 0	175.17	JP_2009_Shizuoca_01_EW	0.37 0	285.68
	7	JP_2012_25AGO_NS	0.91 2	201.48	JP_2007_Noto_01_NS	0.51 1	329.13	JP_2018_Hokkaido_02_EW	1.20 1	737.74	JP_2000_Tottori_03_NS	0.56 5	145.47	JP_2000_Tottori_02_EW	0.35 5	189.70	JP_2011_Fukushima_04_NS	0.25 0	338.71
	8	JP_2000_Tottori_03_NS	0.77 0	204.35	US_1987_WhittierNarrows_01_360	1.12 7	338.10	JP_2018_Hokkaido_03_EW	0.83 9	791.61	JP_2003_Miyagi_07_EW	0.47 5	146.80	JP_2007_Noto_01_NS	0.29 5	193.09	JP_2016_Kumamoto_04_EW	0.31 0	303.92
	9	JP_2003_Miyagi_07_NS	0.45 2	215.63	JP_2013_25FEB_EW	0.50 5	359.60	JP_2018_Hokkaido_04_NS	1.02 2	1212.60	JP_2000_Tottori_04_EW	0.83 5	150.53	JP_2004_27OCT_01_NS	0.59 5	194.60	JP_2016_Kumamoto_05_NS	0.25 0	356.39
	10	JP_2000_Tottori_04_EW	1.24 8	245.38	JP_2000_Tottori_02_EW	0.65 2	362.87	TW_1999_ChiChi_04_90	1.40 1	562.57	JP_2012_25AGO_NS	0.67 8	151.06	JP_2008_Iwate_03_EW	0.25 0	194.64	JP_2016_Kumamoto_06_EW	0.37 0	316.28
	11	JP_2007_Noto_01_EW	0.38 4	245.58	US_1992_Big Bear_270	0.80 1	378.00	TW_1999_ChiChi_08_360	1.22 5	547.59	JP_2003_Miyagi_07_NS	0.32 5	152.53	US_1987_WhittierNarrows_01_360	0.64 8	194.80	TW_1999_ChiChi_01_90	0.25 0	357.56
	12	JP_2000_Tottori_03_EW	1.39 7	268.24	JP_2004_27OCT_01_EW	1.60 8	379.89	TW_1999_ChiChi_08_90	0.76 7	483.77	JP_2004_29NOV_01_EW	0.58 0	158.67	JP_2000_Tottori_01_NS	0.39 3	202.11	TW_1999_ChiChi_04_360	0.28 8	355.68
	13	JP_2003_Miyagi_07_EW	0.75 7	276.53	JP_2003_Miyagi_09_EW	0.78 5	383.83	TW_1999_ChiChi_10_90	0.67 3	538.22	JP_2008_Iwate_03_NS	0.28 0	158.75	JP_2004_27OCT_01_EW	0.85 8	204.43	TW_1999_ChiChi_06_360	0.30 3	330.33
	14	JP_2008_Iwate_03_NS	0.45 2	290.34	JP_2003_Miyagi_02_EW	0.99 0	386.46	US_1989_Loma Prieta_01_0	1.30 8	1079.32	JP_2007_Noto_01_EW	0.26 5	170.36	JP_2013_25FEB_EW	0.28 0	205.37	TW_1999_ChiChi_07_360	0.28 0	360.58
	15	JP_2012_25AGO_EW	0.79 0	298.68	JP_2016_Kumamoto_03_NS	0.76 3	387.34	US_1989_Loma Prieta_04_90	1.39 3	1020.03	JP_2021_Miyagi_02_EW	0.68 5	174.48	JP_2004_29NOV_01_NS	0.83 5	208.63	TW_1999_ChiChi_08_360	0.49 0	281.23
	16	JP_2004_29NOV_01_NS	1.36 2	311.18	JP_2004_27OCT_01_NS	1.13 4	390.02	US_1989_Loma Prieta_05_195	2.90 2	613.84	JP_2003_Miyagi_02_EW	0.52 0	175.17	JP_2004_27OCT_03_EW	0.63 3	212.63	TW_1999_ChiChi_10_360	0.46 0	241.50
	17	JP_2008_Iwate_03_EW	0.37 5	312.96	JP_2016_Kumamoto_03_EW	0.77 9	403.03	US_1989_Loma Prieta_06_0	1.17 7	459.33	JP_2003_Miyagi_09_EW	0.41 5	180.59	US_1987_WhittierNarrows_01_270	0.65 5	213.28	US_1989_Loma Prieta_05_285	0.37 0	340.75
	18	JP_2009_Shizuoca_03_NS	0.76 3	316.02	JP_2011_Fukushima_06_NS	1.05 5	422.51	US_1992_Petrolia_Aftershock_01_90	2.67 9	1457.00	JP_2003_Miyagi_09_NS	0.38 5	181.03	CH_2014_Iquique_02_NS	1.84 8	217.30	US_1992_Petrolia_02_360	0.25 8	336.47
	19	JP_2007_Noto_01_NS	0.51 1	329.13	JP_2011_Fukushima_06_EW	0.89 9	425.86	US_1994_Northridge_02_90	1.92 9	918.46	JP_2009_Shizuoca_03_NS	0.45 3	188.10	CH_2012_GO05_NS	1.93 9	219.37	US_1994_Northridge_02_360	0.52 0	324.89
	20	US_1987_WhittierNarrows_01_360	1.12 7	338.10	JP_2004_27OCT_03_EW	1.28 4	432.48	US_1994_Northridge_03_90	1.01 1	985.44	JP_2012_25AGO_EW	0.49 0	188.26	JP_2000_Tottori_01_EW	0.40 0	219.50	US_1994_Northridge_03_360	0.25 0	375.77

REGISTROS SELECCIONADOS CASO Ymr-I T=0.16s - TSepu-tr-475																			
Caso:		TSepu-tr-475_NSp_Sbs			TSepu-tr-475_NSp_Sci			TSepu-tr-475_NSp_Ssr			TSepu-tr-475_NSr_Sbs			TSepu-tr-475_NSr_Sci			TSepu-tr-475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetstu_07_EW	0.65 2	62.55	JP_2004_Chuetstu_07_EW	0.65 2	62.55	CH_2012_GO05_EW	2.34 8	135.07	JP_2004_Chuetstu_05_EW	0.46 0	61.84	JP_2004_Chuetstu_07_EW	0.64 8	62.66	CH_2012_GO05_NS	2.81 8	137.84
	2	TW_1999_ChiChi_10_90	0.42 6	97.27	TW_1999_ChiChi_10_90	0.42 6	97.27	JP_2004_Chuetstu_01_EW	0.33 7	260.67	JP_2004_Chuetstu_07_EW	0.64 8	62.66	US_1994_Northridge_01_90	1.36 4	80.21	CH_2014_Iquique_02_EW	2.63 6	85.46
	3	JP_2004_14DEC_EW	0.38 3	98.60	JP_2004_14DEC_EW	0.38 3	98.60	JP_2004_Chuetstu_01_NS	0.45 4	347.33	US_1994_Northridge_01_90	1.36 4	80.21	TW_1999_ChiChi_10_90	0.49 0	80.56	JP_2000_Tottori_02_NS	0.41 5	187.19
	4	JP_2016_Kumamoto_05_E W	1.29 4	99.89	JP_2016_Kumamoto_05_E W	1.29 4	99.89	JP_2004_Chuetstu_05_NS	0.33 0	112.88	TW_1999_ChiChi_10_90	0.49 0	80.56	US_1989_Loma Prieta_06_0	0.96 3	81.57	JP_2004_Chuetstu_01_EW	0.25 0	223.69
	5	CH_2014_Iquique_02_EW	2.21 2	100.17	CH_2014_Iquique_02_EW	2.21 2	100.17	JP_2007_16JUL_EW	0.78 9	154.38	US_1989_Loma Prieta_06_0	0.96 3	81.57	JP_2004_Chuetstu_07_NS	0.80 5	84.02	JP_2004_Chuetstu_05_NS	0.36 3	100.18
	6	JP_2004_Chuetstu_07_NS	0.95 6	102.78	JP_2004_Chuetstu_07_NS	0.95 6	102.78	JP_2011_15MAR_EW	0.29 5	160.38	JP_2004_Chuetstu_07_NS	0.80 5	84.02	CH_2014_Iquique_02_EW	2.63 6	85.46	JP_2004_Chuetstu_06_EW	0.44 5	104.05
	7	JP_2004_Chuetstu_06_EW	0.45 5	104.80	JP_2004_Chuetstu_06_EW	0.45 5	104.80	JP_2016_Kumamoto_01_ NS	0.57 3	230.93	CH_2014_Iquique_02_EW	2.63 6	85.46	TW_1999_ChiChi_08_90	0.61 8	90.74	JP_2007_Noto_02_NS	0.82 8	131.22
	8	JP_2004_Chuetstu_05_NS	0.33 0	112.88	JP_2004_Chuetstu_05_NS	0.33 0	112.88	JP_2016_Kumamoto_03_E W	0.49 4	174.36	TW_1999_ChiChi_08_90	0.61 8	90.74	JP_2009_Shizuoca_02_EW	0.97 0	95.50	JP_2009_Shizuoca_01_NS	0.67 8	233.21
	9	US_1989_Loma Prieta_05_195	1.83 8	113.93	US_1989_Loma Prieta_05_195	1.83 8	113.93	JP_2016_Kumamoto_04_ NS	0.70 4	169.25	JP_2009_Shizuoca_02_EW	0.97 0	95.50	US_1994_Northridge_02_90	0.94 0	96.84	JP_2011_15MAR_EW	0.28 8	159.64
	10	US_1989_Loma Prieta_03_90	0.81 9	114.08	US_1989_Loma Prieta_03_90	0.81 9	114.08	JP_2018_Hokkaido_03_E W	0.53 1	161.64	US_1994_Northridge_02_90	0.94 0	96.84	JP_2004_14DEC_EW	0.37 8	98.37	JP_2011_Fukushima_02_N S	1.12 1	198.42
	11	US_1989_Loma Prieta_06_90	1.00 1	114.16	US_1989_Loma Prieta_06_90	1.00 1	114.16	JP_2018_Hokkaido_05_N S	0.79 4	457.38	JP_2004_14DEC_EW	0.37 8	98.37	JP_2016_Kumamoto_05_E W	1.27 3	98.94	JP_2011_Fukushima_04_N S	0.41 5	266.63
	12	JP_2018_Hokkaido_02_EW	0.76 0	117.34	JP_2018_Hokkaido_02_EW	0.76 0	117.34	JP_2018_Osake_EW	0.41 4	204.58	JP_2016_Kumamoto_05_E W	1.27 3	98.94	TW_1999_ChiChi_08_360	0.88 8	100.35	JP_2016_Kumamoto_04_N S	0.68 5	168.53
	13	TW_1999_ChiChi_08_360	0.77 6	117.89	TW_1999_ChiChi_08_360	0.77 6	117.89	TW_1999_ChiChi_04_90	0.88 7	155.48	JP_2004_Chuetstu_05_NS	0.36 3	100.18	US_1989_Loma Prieta_05_195	2.06 1	102.07	JP_2018_Osake_EW	0.45 3	197.10

	14	TW_1999_ChiChi_10_360	0.636	120.67	TW_1999_ChiChi_10_360	0.636	120.67	TW_1999_ChiChi_07_360	1.060	275.22	TW_1999_ChiChi_08_360	0.888	100.35	US_1989_Loma Prieta_03_90	0.940	103.38	TW_1999_ChiChi_04_90	1.061	145.70
	15	JP_2004_Chuetsu_06_NS	0.434	121.62	JP_2004_Chuetsu_06_NS	0.434	121.62	US_1989_Loma Prieta_02_0	1.132	208.86	US_1989_Loma Prieta_05_195	2.061	102.07	US_1989_Loma Prieta_06_90	1.182	103.73	TW_1999_ChiChi_06_360	0.730	156.05
	16	JP_2000_Tottori_05_NS	0.456	122.27	JP_2000_Tottori_05_NS	0.456	122.27	US_1989_Loma Prieta_02_90	0.826	179.56	US_1989_Loma Prieta_03_90	0.940	103.38	JP_2004_Chuetsu_06_EW	0.445	104.05	TW_1999_ChiChi_08_360	0.888	100.35
	17	JP_2000_Tottori_01_EW	0.587	124.78	JP_2000_Tottori_01_EW	0.587	124.78	US_1989_Loma Prieta_04_90	0.882	215.33	US_1989_Loma Prieta_06_90	1.182	103.73	TW_1999_ChiChi_10_360	0.715	106.79	US_1989_Loma Prieta_03_90	0.940	103.38
	18	US_1989_Loma Prieta_06_0	0.745	124.96	US_1989_Loma Prieta_06_0	0.745	124.96	US_1992_Big Bear_270	0.507	227.12	JP_2004_Chuetsu_06_EW	0.445	104.05	JP_1997_Kagoshima_EW	0.700	108.02	US_1989_Loma Prieta_05_195	2.061	102.07
	19	JP_1997_Kagoshima_EW	0.577	131.58	JP_1997_Kagoshima_EW	0.577	131.58	US_1992_Petrolia_01_90	0.667	231.36	TW_1999_ChiChi_10_360	0.715	106.79	US_1994_Northridge_02_360	1.061	108.19	US_1992_Petrolia_01_90	0.460	205.69
	20	TW_1999_ChiChi_08_90	0.486	134.42	TW_1999_ChiChi_08_90	0.486	134.42	US_1994_Northridge_02_90	1.222	157.58	JP_1997_Kagoshima_EW	0.700	108.02	JP_2011_15MAR_NS	0.543	113.87	US_1994_Northridge_03_90	0.468	142.60
MAP E	1	JP_2004_Chuetsu_07_EW	0.652	14.55	JP_2004_Chuetsu_07_EW	0.652	14.55	CH_2012_GO05_EW	2.348	25.83	JP_2004_Chuetsu_07_EW	0.685	14.14	JP_2004_Chuetsu_07_EW	0.685	14.14	CH_2014_Iquique_02_EW	2.697	14.68
	2	JP_2004_Chuetsu_07_NS	0.956	17.81	JP_2004_Chuetsu_07_NS	0.956	17.81	JP_2004_Chuetsu_01_EW	0.337	54.41	CH_2014_Iquique_02_EW	2.697	14.68	CH_2014_Iquique_02_EW	2.697	14.68	CH_2014_Iquique_02_NS	2.879	33.39
	3	CH_2014_Iquique_02_EW	2.212	20.21	CH_2014_Iquique_02_EW	2.212	20.21	JP_2004_Chuetsu_01_NS	0.454	68.31	US_1989_Loma Prieta_06_0	0.858	16.07	US_1989_Loma Prieta_06_0	0.858	16.07	JP_2000_Tottori_02_NS	0.445	43.11
	4	JP_2016_Kumamoto_05_EW	1.294	20.37	JP_2016_Kumamoto_05_EW	1.294	20.37	JP_2004_Chuetsu_05_NS	0.330	29.97	US_1994_Northridge_01_90	1.394	16.47	US_1994_Northridge_01_90	1.394	16.47	JP_2004_Chuetsu_01_EW	0.250	42.87
	5	US_1989_Loma Prieta_06_0	0.745	21.37	US_1989_Loma Prieta_06_0	0.745	21.37	JP_2007_16JUL_EW	0.789	54.02	JP_2004_Chuetsu_07_NS	0.865	16.59	JP_2004_Chuetsu_07_NS	0.865	16.59	JP_2004_Chuetsu_06_EW	0.438	21.52
	6	US_1989_Loma Prieta_05_195	1.838	21.80	US_1989_Loma Prieta_05_195	1.838	21.80	JP_2011_15MAR_EW	0.295	35.81	TW_1999_ChiChi_10_90	0.505	17.53	TW_1999_ChiChi_10_90	0.505	17.53	JP_2007_16JUL_EW	0.543	46.32
	7	JP_2004_Chuetsu_06_EW	0.455	21.88	JP_2004_Chuetsu_06_EW	0.455	21.88	JP_2016_Kumamoto_01_NS	0.573	40.67	TW_1999_ChiChi_08_90	0.648	18.41	TW_1999_ChiChi_08_90	0.648	18.41	JP_2009_Shizuoka_02_NS	0.910	26.96
	8	US_1989_Loma Prieta_03_90	0.819	22.00	US_1989_Loma Prieta_03_90	0.819	22.00	JP_2016_Kumamoto_03_EW	0.494	32.78	JP_2009_Shizuoka_02_EW	0.970	19.26	JP_2009_Shizuoka_02_EW	0.970	19.26	JP_2011_15MAR_EW	0.295	35.81
	9	TW_1999_ChiChi_10_90	0.426	22.08	TW_1999_ChiChi_10_90	0.426	22.08	JP_2016_Kumamoto_04_NS	0.704	37.04	JP_2016_Kumamoto_05_EW	1.212	19.43	JP_2016_Kumamoto_05_EW	1.212	19.43	JP_2016_Kumamoto_04_NS	0.685	37.00
	10	US_1989_Loma Prieta_06_90	1.001	22.85	US_1989_Loma Prieta_06_90	1.001	22.85	JP_2018_Hokkaido_03_EW	0.531	32.21	US_1994_Northridge_02_360	1.061	19.44	US_1994_Northridge_02_360	1.061	19.44	JP_2018_Hokkaido_05_EW	0.250	46.97
	11	TW_1999_ChiChi_10_360	0.636	23.74	TW_1999_ChiChi_10_360	0.636	23.74	JP_2018_Hokkaido_05_NS	0.794	100.01	US_1994_Northridge_02_90	0.925	19.66	US_1994_Northridge_02_90	0.925	19.66	JP_2018_Osaka_EW	0.505	41.71
	12	JP_2018_Hokkaido_02_EW	0.760	23.85	JP_2018_Hokkaido_02_EW	0.760	23.85	JP_2018_Osaka_EW	0.414	45.10	US_1989_Loma Prieta_03_90	0.895	20.78	US_1989_Loma Prieta_03_90	0.895	20.78	TW_1999_ChiChi_08_360	0.955	21.32
	13	JP_2004_Chuetsu_06_NS	0.434	24.04	JP_2004_Chuetsu_06_NS	0.434	24.04	TW_1999_ChiChi_04_90	0.887	37.37	TW_1999_ChiChi_08_360	0.955	21.32	TW_1999_ChiChi_08_360	0.955	21.32	TW_1999_ChiChi_10_360	0.715	21.85
	14	JP_2004_14DEC_EW	0.383	24.13	JP_2004_14DEC_EW	0.383	24.13	TW_1999_ChiChi_07_360	1.060	60.52	US_1989_Loma Prieta_06_90	1.152	21.37	US_1989_Loma Prieta_06_90	1.152	21.37	TW_1999_ChiChi_10_90	0.505	17.53
	15	TW_1999_ChiChi_08_360	0.776	25.57	TW_1999_ChiChi_08_360	0.776	25.57	US_1989_Loma Prieta_02_0	1.132	40.06	US_1989_Loma Prieta_05_195	1.970	21.51	US_1989_Loma Prieta_05_195	1.970	21.51	US_1989_Loma Prieta_03_90	0.895	20.78
	16	CH_2012_GO05_EW	2.348	25.83	CH_2012_GO05_EW	2.348	25.83	US_1989_Loma Prieta_02_90	0.826	34.90	JP_2004_Chuetsu_06_EW	0.438	21.52	JP_2004_Chuetsu_06_EW	0.438	21.52	US_1989_Loma Prieta_04_90	0.565	39.17
	17	TW_1999_ChiChi_08_90	0.486	28.10	TW_1999_ChiChi_08_90	0.486	28.10	US_1989_Loma Prieta_04_90	0.882	47.73	TW_1999_ChiChi_10_360	0.715	21.85	TW_1999_ChiChi_10_360	0.715	21.85	US_1989_Loma Prieta_05_195	1.970	21.51
	18	US_1994_Northridge_01_360	0.880	28.32	US_1994_Northridge_01_360	0.880	28.32	US_1992_Big Bear_270	0.507	50.43	TW_1999_ChiChi_01_90	0.400	22.35	TW_1999_ChiChi_01_90	0.400	22.35	US_1989_Loma Prieta_06_0	0.858	16.07
	19	JP_2004_Chuetsu_05_NS	0.330	29.97	JP_2004_Chuetsu_05_NS	0.330	29.97	US_1992_Petrolia_01_90	0.667	46.15	JP_2016_Kumamoto_03_EW	0.678	22.44	JP_2016_Kumamoto_03_EW	0.678	22.44	US_1992_Petrolia_01_90	0.423	34.03
	20	US_1994_Northridge_01_90	1.781	30.03	US_1994_Northridge_01_90	1.781	30.03	US_1994_Northridge_02_90	1.222	31.75	JP_2018_Hokkaido_02_EW	0.670	22.56	JP_2018_Hokkaido_02_EW	0.670	22.56	US_1994_Northridge_03_90	0.475	24.67
MSE	1	JP_2004_Chuetsu_07_EW	0.652	8186.44	JP_2004_Chuetsu_07_EW	0.652	8186.44	CH_2012_GO05_EW	2.348	39512.58	JP_2004_Chuetsu_05_EW	0.460	7298.77	JP_2004_Chuetsu_07_EW	0.633	7889.09	CH_2012_GO05_EW	1.939	26657.23
	2	TW_1999_ChiChi_10_90	0.426	12818.17	TW_1999_ChiChi_10_90	0.426	12818.17	JP_2004_Chuetsu_01_EW	0.337	163236.52	JP_2004_Chuetsu_07_EW	0.633	7889.09	TW_1999_ChiChi_10_90	0.475	9488.49	CH_2014_Iquique_02_EW	2.424	12179.78
	3	JP_2004_14DEC_EW	0.383	13549.72	JP_2004_14DEC_EW	0.383	13549.72	JP_2004_Chuetsu_01_NS	0.454	244630.89	TW_1999_ChiChi_10_90	0.475	9488.49	JP_2004_Chuetsu_07_NS	0.798	10220.80	JP_2000_Tottori_02_NS	0.438	45640.57
	4	CH_2014_Iquique_02_EW	2.212	14661.05	CH_2014_Iquique_02_EW	2.212	14661.05	JP_2004_Chuetsu_05_NS	0.330	18560.13	JP_2004_Chuetsu_07_NS	0.798	10220.80	US_1994_Northridge_01_90	1.333	11454.31	JP_2004_Chuetsu_01_EW	0.250	74059.51
	5	JP_2016_Kumamoto_05_EW	1.294	16591.26	JP_2016_Kumamoto_05_EW	1.294	16591.26	JP_2007_16JUL_EW	0.789	45101.25	US_1989_Loma Prieta_06_0	0.948	10703.95	CH_2014_Iquique_02_EW	2.424	12179.78	JP_2004_Chuetsu_06_EW	0.438	16209.90
	6	JP_2004_Chuetsu_06_EW	0.455	16921.37	JP_2004_Chuetsu_06_EW	0.455	16921.37	JP_2011_15MAR_EW	0.295	45657.16	US_1994_Northridge_01_90	1.333	11454.31	TW_1999_ChiChi_08_90	0.603	12652.65	JP_2007_Noto_02_NS	0.798	31825.77
	7	JP_2004_Chuetsu_05_NS	0.330	18560.13	JP_2004_Chuetsu_05_NS	0.330	18560.13	JP_2016_Kumamoto_01_NS	0.573	123173.95	CH_2014_Iquique_02_EW	2.424	12179.78	JP_2004_14DEC_EW	0.378	13488.23	JP_2008_Iwate_02_NS	0.288	58201.69
	8	US_1989_Loma Prieta_06_90	1.001	18666.65	US_1989_Loma Prieta_06_90	1.001	18666.65	JP_2016_Kumamoto_03_EW	0.494	42165.29	TW_1999_ChiChi_08_90	0.603	12652.65	TW_1999_ChiChi_08_360	0.895	13883.12	JP_2009_Shizuoka_03_EW	1.061	21475.23
	9	US_1989_Loma Prieta_05_195	1.838	18989.06	US_1989_Loma Prieta_05_195	1.838	18989.06	JP_2016_Kumamoto_04_NS	0.704	41402.80	JP_2004_14DEC_EW	0.378	13488.23	JP_1997_Kagoshima_EW	0.700	14103.01	JP_2011_15MAR_EW	0.258	37998.26
	10	US_1989_Loma Prieta_03_90	0.819	19043.66	US_1989_Loma Prieta_03_90	0.819	19043.66	JP_2018_Hokkaido_03_EW	0.531	47541.55	TW_1999_ChiChi_08_360	0.895	13883.12	US_1994_Northridge_02_90	0.970	14412.45	JP_2011_15MAR_NS	0.528	18037.38
	11	TW_1999_ChiChi_08_360	0.776	19511.34	TW_1999_ChiChi_08_360	0.776	19511.34	JP_2018_Hokkaido_05_NS	0.794	411918.27	JP_1997_Kagoshima_EW	0.700	14103.01	JP_2016_Kumamoto_05_EW	1.212	15656.69	JP_2016_Kumamoto_01_NS	0.370	37105.81
	12	JP_2018_Hokkaido_02_EW	0.760	20030.06	JP_2018_Hokkaido_02_EW	0.760	20030.06	JP_2018_Osaka_EW	0.414	54601.71	US_1994_Northridge_02_90	0.970	14412.45	JP_2004_Chuetsu_06_EW	0.438	16209.90	JP_2016_Kumamoto_04_NS	0.648	38867.15

	13	JP_2000_Tottori_01_EW	0.587	20292.04	JP_2000_Tottori_01_EW	0.587	20292.04	TW_1999_ChiChi_04_90	0.887	33352.12	JP_2004_Chuettsu_05_NS	0.370	15029.94	US_1989_Loma Prieta_06_90	1.091	16245.99	JP_2018_Hokkaido_04_NS	0.400	38484.58
	14	JP_2000_Tottori_05_NS	0.456	20474.35	JP_2000_Tottori_05_NS	0.456	20474.35	TW_1999_ChiChi_07_360	1.060	147414.56	JP_2016_Kumamoto_05_EW	1.212	15656.69	US_1989_Loma Prieta_05_195	2.000	16893.46	JP_2018_Osake_EW	0.468	50894.23
	15	JP_2004_Chuettsu_07_NS	0.956	23326.85	JP_2004_Chuettsu_07_NS	0.956	23326.85	US_1989_Loma Prieta_02_0	1.132	67401.25	JP_2004_Chuettsu_06_EW	0.438	16209.90	US_1989_Loma Prieta_03_90	0.880	17406.23	TW_1999_ChiChi_04_90	1.030	28348.93
	16	JP_1997_Kagoshima_EW	0.577	24399.52	JP_1997_Kagoshima_EW	0.577	24399.52	US_1989_Loma Prieta_02_90	0.826	80053.79	US_1989_Loma Prieta_06_90	1.091	16245.99	JP_2011_15MAR_NS	0.528	18037.38	TW_1999_ChiChi_06_360	0.640	34999.78
	17	TW_1999_ChiChi_08_90	0.486	25526.79	TW_1999_ChiChi_08_90	0.486	25526.79	US_1989_Loma Prieta_04_90	0.882	101787.99	US_1989_Loma Prieta_05_195	2.000	16893.46	JP_2016_Kumamoto_01_EW	0.513	18380.06	TW_1999_ChiChi_07_360	0.685	64218.03
	18	US_1989_Loma Prieta_06_0	0.745	25538.57	US_1989_Loma Prieta_06_0	0.745	25538.57	US_1992_Big Bear_270	0.507	65678.13	US_1989_Loma Prieta_03_90	0.880	17406.23	JP_2009_Shizuoca_02_EW	0.948	18581.15	TW_1999_ChiChi_08_360	0.895	13883.12
	19	CH_2012_GO05_NS	2.782	26278.49	CH_2012_GO05_NS	2.782	26278.49	US_1992_Petrolia_01_90	0.667	112526.40	JP_2011_15MAR_NS	0.528	18037.38	JP_2000_Tottori_01_EW	0.633	18831.45	US_1989_Loma Prieta_03_90	0.880	17406.23
	20	TW_1999_ChiChi_10_360	0.636	27227.68	TW_1999_ChiChi_10_360	0.636	27227.68	US_1994_Northridge_02_90	1.222	35966.92	JP_2016_Kumamoto_01_EW	0.513	18380.06	US_1992_Petrolia_02_270	0.903	18892.89	US_1994_Northridge_03_90	0.468	31333.42
RMS E	1	JP_2004_Chuettsu_07_EW	0.652	90.48	JP_2004_Chuettsu_07_EW	0.652	90.48	CH_2012_GO05_EW	2.348	198.78	JP_2004_Chuettsu_05_EW	0.460	85.43	JP_2004_Chuettsu_07_EW	0.633	88.82	CH_2012_GO05_EW	1.939	163.27
	2	TW_1999_ChiChi_10_90	0.426	113.22	TW_1999_ChiChi_10_90	0.426	113.22	JP_2004_Chuettsu_01_EW	0.337	404.03	JP_2004_Chuettsu_07_EW	0.633	88.82	TW_1999_ChiChi_10_90	0.475	97.41	CH_2014_Iquique_02_EW	2.424	110.36
	3	JP_2004_14DEC_EW	0.383	116.40	JP_2004_14DEC_EW	0.383	116.40	JP_2004_Chuettsu_01_NS	0.454	494.60	TW_1999_ChiChi_10_90	0.475	97.41	JP_2004_Chuettsu_07_NS	0.798	101.10	JP_2000_Tottori_02_NS	0.438	213.64
	4	CH_2014_Iquique_02_EW	2.212	121.08	CH_2014_Iquique_02_EW	2.212	121.08	JP_2004_Chuettsu_05_NS	0.330	136.24	JP_2004_Chuettsu_07_NS	0.798	101.10	US_1994_Northridge_01_90	1.333	107.02	JP_2004_Chuettsu_01_EW	0.250	272.14
	5	JP_2016_Kumamoto_05_EW	1.294	128.81	JP_2016_Kumamoto_05_EW	1.294	128.81	JP_2007_16JUL_EW	0.789	212.37	US_1989_Loma Prieta_06_0	0.948	103.46	CH_2014_Iquique_02_EW	2.424	110.36	JP_2004_Chuettsu_06_EW	0.438	127.32
	6	JP_2004_Chuettsu_06_EW	0.455	130.08	JP_2004_Chuettsu_06_EW	0.455	130.08	JP_2011_15MAR_EW	0.295	213.68	US_1994_Northridge_01_90	1.333	107.02	TW_1999_ChiChi_08_90	0.603	112.48	JP_2007_Noto_02_NS	0.798	178.40
	7	JP_2004_Chuettsu_05_NS	0.330	136.24	JP_2004_Chuettsu_05_NS	0.330	136.24	JP_2016_Kumamoto_01_NS	0.573	350.96	CH_2014_Iquique_02_EW	2.424	110.36	JP_2004_14DEC_EW	0.378	116.14	JP_2008_Iwate_02_NS	0.288	241.25
	8	US_1989_Loma Prieta_06_90	1.001	136.63	US_1989_Loma Prieta_06_90	1.001	136.63	JP_2016_Kumamoto_03_EW	0.494	205.34	TW_1999_ChiChi_08_90	0.603	112.48	TW_1999_ChiChi_08_360	0.895	117.83	JP_2009_Shizuoca_03_EW	1.061	146.54
	9	US_1989_Loma Prieta_05_195	1.838	137.80	US_1989_Loma Prieta_05_195	1.838	137.80	JP_2016_Kumamoto_04_NS	0.704	203.48	JP_2004_14DEC_EW	0.378	116.14	JP_1997_Kagoshima_EW	0.700	118.76	JP_2011_15MAR_EW	0.258	194.93
	10	US_1989_Loma Prieta_03_90	0.819	138.00	US_1989_Loma Prieta_03_90	0.819	138.00	JP_2018_Hokkaido_03_EW	0.531	218.04	TW_1999_ChiChi_08_360	0.895	117.83	US_1994_Northridge_02_90	0.970	120.05	JP_2011_15MAR_NS	0.528	134.30
	11	TW_1999_ChiChi_08_360	0.776	139.68	TW_1999_ChiChi_08_360	0.776	139.68	JP_2018_Hokkaido_05_NS	0.794	641.81	JP_1997_Kagoshima_EW	0.700	118.76	JP_2016_Kumamoto_05_EW	1.212	125.13	JP_2016_Kumamoto_01_NS	0.370	192.63
	12	JP_2018_Hokkaido_02_EW	0.760	141.53	JP_2018_Hokkaido_02_EW	0.760	141.53	JP_2018_Osake_EW	0.414	233.67	US_1994_Northridge_02_90	0.970	120.05	JP_2004_Chuettsu_06_EW	0.438	127.32	JP_2016_Kumamoto_04_NS	0.648	197.15
	13	JP_2000_Tottori_01_EW	0.587	142.45	JP_2000_Tottori_01_EW	0.587	142.45	TW_1999_ChiChi_04_90	0.887	182.63	JP_2004_Chuettsu_05_NS	0.370	122.60	US_1989_Loma Prieta_06_90	1.091	127.46	JP_2018_Hokkaido_04_NS	0.400	196.17
	14	JP_2000_Tottori_05_NS	0.456	143.09	JP_2000_Tottori_05_NS	0.456	143.09	TW_1999_ChiChi_07_360	1.060	383.95	JP_2016_Kumamoto_05_EW	1.212	125.13	US_1989_Loma Prieta_05_195	2.000	129.97	JP_2018_Osake_EW	0.468	225.60
	15	JP_2004_Chuettsu_07_NS	0.956	152.73	JP_2004_Chuettsu_07_NS	0.956	152.73	US_1989_Loma Prieta_02_0	1.132	259.62	JP_2004_Chuettsu_06_EW	0.438	127.32	US_1989_Loma Prieta_03_90	0.880	131.93	TW_1999_ChiChi_04_90	1.030	168.37
	16	JP_1997_Kagoshima_EW	0.577	156.20	JP_1997_Kagoshima_EW	0.577	156.20	US_1989_Loma Prieta_02_90	0.826	282.94	US_1989_Loma Prieta_06_90	1.091	127.46	JP_2011_15MAR_NS	0.528	134.30	TW_1999_ChiChi_06_360	0.640	187.08
	17	TW_1999_ChiChi_08_90	0.486	159.77	TW_1999_ChiChi_08_90	0.486	159.77	US_1989_Loma Prieta_04_90	0.882	319.04	US_1989_Loma Prieta_05_195	2.000	129.97	JP_2016_Kumamoto_01_EW	0.513	135.57	TW_1999_ChiChi_07_360	0.685	253.41
	18	US_1989_Loma Prieta_06_0	0.745	159.81	US_1989_Loma Prieta_06_0	0.745	159.81	US_1992_Big Bear_270	0.507	256.28	US_1989_Loma Prieta_03_90	0.880	131.93	JP_2009_Shizuoca_02_EW	0.948	136.31	TW_1999_ChiChi_08_360	0.895	117.83
	19	CH_2012_GO05_NS	2.782	162.11	CH_2012_GO05_NS	2.782	162.11	US_1992_Petrolia_01_90	0.667	335.45	JP_2011_15MAR_NS	0.528	134.30	JP_2000_Tottori_01_EW	0.633	137.23	US_1989_Loma Prieta_03_90	0.880	131.93
	20	TW_1999_ChiChi_10_360	0.636	165.01	TW_1999_ChiChi_10_360	0.636	165.01	US_1994_Northridge_02_90	1.222	189.65	JP_2016_Kumamoto_01_EW	0.513	135.57	US_1992_Petrolia_02_270	0.903	137.45	US_1994_Northridge_03_90	0.468	177.01

REGISTROS SELECCIONADOS CASO Ymr-I T=0.16s - TSepu-tr-975																			
Caso:		TSepu-tr-975_NSp_Sbs			TSepu-tr-975_NSp_Sci			TSepu-tr-975_NSp_Ssr			TSepu-tr-975_NSr_Sbs			TSepu-tr-975_NSr_Sci			TSepu-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuettsu_07_EW	0.824	74.65	JP_2004_Chuettsu_07_EW	0.824	74.65	CH_2012_GO05_EW	2.970	163.29	JP_2004_Chuettsu_07_EW	0.828	74.56	JP_2004_Chuettsu_07_EW	0.828	74.56	JP_2000_Tottori_02_NS	0.543	235.27
	2	JP_2004_14DEC_EW	0.485	120.97	JP_2004_14DEC_EW	0.485	120.97	CH_2014_Iquique_02_EW	2.798	124.60	JP_2004_Chuettsu_05_EW	0.580	80.84	JP_2004_Chuettsu_07_NS	1.030	94.15	JP_2004_Chuettsu_01_EW	0.250	277.00
	3	JP_2004_Chuettsu_07_NS	1.209	121.77	JP_2004_Chuettsu_07_NS	1.209	121.77	JP_2000_Tottori_02_NS	0.490	242.76	JP_2004_Chuettsu_07_NS	1.030	94.15	TW_1999_ChiChi_10_90	0.640	101.89	JP_2004_Chuettsu_06_EW	0.573	129.53
	4	CH_2014_Iquique_02_EW	2.798	124.60	CH_2014_Iquique_02_EW	2.798	124.60	JP_2004_Chuettsu_06_EW	0.576	129.76	TW_1999_ChiChi_10_90	0.640	101.89	US_1994_Northridge_01_90	1.697	104.38	JP_2007_Noto_02_NS	1.061	168.45

	5	TW_1999_ChiChi_10_90	0.53 9	127.26	TW_1999_ChiChi_10_90	0.53 9	127.26	JP_2011_15MAR_EW	0.37 3	195.79	US_1994_Northridge_01_9 0	1.69 7	104.38	CH_2014_Iquique_02_EW	3.27 3	106.44	JP_2009_Shizuoca_01_NS	0.89 5	289.22
	6	JP_2004_Chuetsu_06_EW	0.57 6	129.76	JP_2004_Chuetsu_06_EW	0.57 6	129.76	JP_2011_15MAR_NS	0.52 3	197.65	CH_2014_Iquique_02_EW	3.27 3	106.44	TW_1999_ChiChi_08_90	0.77 5	110.56	JP_2011_15MAR_EW	0.36 3	195.31
	7	JP_2016_Kumamoto_05_E W	1.63 7	132.42	JP_2016_Kumamoto_05_E W	1.63 7	132.42	JP_2011_Fukushima_06_N S	0.84 5	243.29	TW_1999_ChiChi_08_90	0.77 5	110.56	US_1989_Loma Prieta_06_0	1.18 2	115.80	JP_2011_Fukushima_02_NS	1.33 3	256.84
	8	US_1989_Loma Prieta_06_90	1.26 7	142.71	US_1989_Loma Prieta_06_90	1.26 7	142.71	JP_2016_Kumamoto_01_N S	0.72 4	287.66	US_1989_Loma Prieta_06_0	1.18 2	115.80	TW_1999_ChiChi_08_360	1.12 1	119.30	JP_2016_14APR_NS	1.21 2	284.13
	9	JP_2004_Chuetsu_05_NS	0.41 8	143.32	JP_2004_Chuetsu_05_NS	0.41 8	143.32	JP_2016_Kumamoto_06_E W	1.42 1	303.08	TW_1999_ChiChi_08_360	1.12 1	119.30	JP_2004_14DEC_EW	0.48 3	121.08	JP_2016_Kumamoto_01_NS	0.50 5	191.02
	10	US_1989_Loma Prieta_03_90	1.03 6	143.59	US_1989_Loma Prieta_03_90	1.03 6	143.59	JP_2018_Hokkaido_02_E W	0.96 2	151.02	JP_2004_14DEC_EW	0.48 3	121.08	JP_2009_Shizuoca_02_E W	1.24 2	124.86	JP_2018_Hokkaido_02_EW	0.87 3	146.41
	11	TW_1999_ChiChi_08_360	0.98 1	145.63	TW_1999_ChiChi_08_360	0.98 1	145.63	JP_2018_Hokkaido_03_E W	0.67 2	195.47	JP_2009_Shizuoca_02_E W	1.24 2	124.86	US_1994_Northridge_02_9 0	1.21 2	128.84	JP_2018_Hokkaido_07_EW	0.35 5	228.16
	12	JP_2004_Chuetsu_06_NS	0.55 0	147.60	JP_2004_Chuetsu_06_NS	0.55 0	147.60	JP_2018_Hokkaido_04_NS	0.81 8	363.04	US_1994_Northridge_02_9 0	1.21 2	128.84	JP_2004_Chuetsu_06_EW	0.57 3	129.53	TW_1999_ChiChi_03_360	0.46 8	263.01
	13	JP_2000_Tottori_05_NS	0.57 7	150.92	JP_2000_Tottori_05_NS	0.57 7	150.92	TW_1999_ChiChi_04_90	1.12 2	204.92	JP_2004_Chuetsu_06_EW	0.57 3	129.53	US_1989_Loma Prieta_06_90	1.51 5	129.61	TW_1999_ChiChi_07_360	0.75 3	287.83
	14	JP_2018_Hokkaido_02_E W	0.96 2	151.02	JP_2018_Hokkaido_02_E W	0.96 2	151.02	TW_1999_ChiChi_06_360	0.92 1	203.19	US_1989_Loma Prieta_06_90	1.51 5	129.61	JP_2016_Kumamoto_05_E W	1.57 6	131.10	TW_1999_ChiChi_10_360	0.89 5	148.63
	15	US_1989_Loma Prieta_05_195	2.32 5	152.10	US_1989_Loma Prieta_05_195	2.32 5	152.10	TW_1999_ChiChi_08_360	0.98 1	145.63	JP_2004_Chuetsu_05_NS	0.45 3	130.09	JP_1997_Kagoshima_EW	0.89 5	133.99	US_1989_Loma Prieta_02_0	1.03 0	190.42
	16	JP_2000_Tottori_01_EW	0.74 3	157.57	JP_2000_Tottori_01_EW	0.74 3	157.57	US_1989_Loma Prieta_04_90	1.11 6	283.09	JP_2016_Kumamoto_05_E W	1.57 6	131.10	US_1989_Loma Prieta_03_90	1.15 2	134.36	US_1989_Loma Prieta_04_0	0.66 3	160.25
	17	US_1989_Loma Prieta_06_0	0.94 3	159.33	US_1989_Loma Prieta_06_0	0.94 3	159.33	US_1989_Loma Prieta_05_195	2.32 5	152.10	JP_1997_Kagoshima_EW	0.89 5	133.99	US_1989_Loma Prieta_05_195	2.69 7	135.78	US_1989_Loma Prieta_04_90	0.85 0	261.63
	18	TW_1999_ChiChi_10_360	0.80 5	162.89	TW_1999_ChiChi_10_360	0.80 5	162.89	US_1989_Loma Prieta_06_0	0.94 3	159.33	US_1989_Loma Prieta_03_90	1.15 2	134.36	US_1994_Northridge_02_3 60	1.30 3	140.17	US_1992_Big Bear_360	0.73 0	258.44
	19	CH_2012_GO05_EW	2.97 0	163.29	CH_2012_GO05_EW	2.97 0	163.29	US_1992_Big Bear_270	0.64 2	285.46	US_1989_Loma Prieta_05_195	2.69 7	135.78	JP_2011_15MAR_NS	0.65 5	142.57	US_1992_Petrolia_Aftershock_0 1_90	1.12 1	189.74
	20	JP_1997_Kagoshima_EW	0.72 9	167.95	JP_1997_Kagoshima_EW	0.72 9	167.95	US_1994_Northridge_02_9 0	1.54 5	197.39	JP_2016_Kumamoto_06_N S	0.89 5	136.47	JP_2000_Tottori_05_NS	0.64 0	142.97	US_1994_Northridge_02_90	1.21 2	128.84
MAP E	1	JP_2004_Chuetsu_07_EW	0.82 4	13.60	JP_2004_Chuetsu_07_EW	0.82 4	13.60	CH_2012_GO05_EW	2.97 0	24.84	JP_2004_Chuetsu_07_EW	0.85 0	13.32	JP_2004_Chuetsu_07_EW	0.85 0	13.32	CH_2012_GO05_EW	2.69 7	24.17
	2	JP_2004_Chuetsu_07_NS	1.20 9	16.67	JP_2004_Chuetsu_07_NS	1.20 9	16.67	CH_2014_Iquique_02_EW	2.79 8	19.74	CH_2014_Iquique_02_EW	3.39 4	14.28	CH_2014_Iquique_02_EW	3.39 4	14.28	JP_2000_Tottori_02_NS	0.56 5	42.70
	3	CH_2014_Iquique_02_EW	2.79 8	19.74	CH_2014_Iquique_02_EW	2.79 8	19.74	JP_2000_Tottori_02_NS	0.49 0	44.90	JP_2004_Chuetsu_07_NS	1.06 1	15.13	JP_2004_Chuetsu_07_NS	1.06 1	15.13	JP_2004_Chuetsu_01_EW	0.25 0	39.99
	4	JP_2016_Kumamoto_05_E W	1.63 7	20.93	JP_2016_Kumamoto_05_E W	1.63 7	20.93	JP_2004_Chuetsu_06_EW	0.57 6	21.95	US_1989_Loma Prieta_06_0	1.06 1	16.71	US_1989_Loma Prieta_06_0	1.06 1	16.71	JP_2004_Chuetsu_01_NS	0.31 8	39.90
	5	US_1989_Loma Prieta_06_0	0.94 3	21.03	US_1989_Loma Prieta_06_0	0.94 3	21.03	JP_2011_15MAR_EW	0.37 3	34.66	US_1994_Northridge_01_9 0	1.72 7	16.78	US_1994_Northridge_01_9 0	1.72 7	16.78	JP_2004_Chuetsu_06_EW	0.55 0	21.67
	6	US_1989_Loma Prieta_03_90	1.03 6	21.13	US_1989_Loma Prieta_03_90	1.03 6	21.13	JP_2011_15MAR_NS	0.52 3	35.14	TW_1999_ChiChi_10_90	0.65 5	17.35	TW_1999_ChiChi_10_90	0.65 5	17.35	JP_2007_16JUL_EW	0.65 5	46.57
	7	US_1989_Loma Prieta_06_90	1.26 7	21.90	US_1989_Loma Prieta_06_90	1.26 7	21.90	JP_2011_Fukushima_06_N S	0.84 5	43.46	TW_1999_ChiChi_08_90	0.80 5	18.17	TW_1999_ChiChi_08_90	0.80 5	18.17	JP_2011_15MAR_EW	0.37 8	34.65
	8	JP_2004_Chuetsu_06_EW	0.57 6	21.95	JP_2004_Chuetsu_06_EW	0.57 6	21.95	JP_2016_Kumamoto_01_N S	0.72 4	39.38	US_1994_Northridge_02_3 60	1.30 3	19.46	US_1994_Northridge_02_3 60	1.30 3	19.46	JP_2011_Fukushima_02_NS	1.24 2	35.75
	9	TW_1999_ChiChi_10_90	0.53 9	22.59	TW_1999_ChiChi_10_90	0.53 9	22.59	JP_2016_Kumamoto_06_E W	1.42 1	50.26	JP_2016_Kumamoto_05_E W	1.51 5	19.62	JP_2016_Kumamoto_05_E W	1.51 5	19.62	JP_2018_Hokkaido_02_EW	0.86 5	23.20
	10	JP_2004_Chuetsu_06_NS	0.55 0	23.09	JP_2004_Chuetsu_06_NS	0.55 0	23.09	JP_2018_Hokkaido_02_E W	0.96 2	24.41	JP_2009_Shizuoca_02_E W	1.21 2	19.94	JP_2009_Shizuoca_02_E W	1.21 2	19.94	JP_2018_Hokkaido_03_EW	0.72 3	29.97
	11	US_1989_Loma Prieta_05_195	2.32 5	23.32	US_1989_Loma Prieta_05_195	2.32 5	23.32	JP_2018_Hokkaido_03_E W	0.67 2	30.80	TW_1999_ChiChi_08_360	1.18 2	20.01	TW_1999_ChiChi_08_360	1.18 2	20.01	JP_2018_Hokkaido_05_EW	0.31 0	48.29
	12	JP_2004_14DEC_EW	0.48 5	23.84	JP_2004_14DEC_EW	0.48 5	23.84	JP_2018_Hokkaido_04_NS	0.81 8	53.12	US_1989_Loma Prieta_06_90	1.39 4	20.53	US_1989_Loma Prieta_06_90	1.39 4	20.53	TW_1999_ChiChi_04_90	0.97 8	36.11
	13	JP_2018_Hokkaido_02_E W	0.96 2	24.41	JP_2018_Hokkaido_02_E W	0.96 2	24.41	TW_1999_ChiChi_04_90	1.12 2	37.84	US_1989_Loma Prieta_03_90	1.12 1	20.55	US_1989_Loma Prieta_03_90	1.12 1	20.55	TW_1999_ChiChi_06_360	0.68 5	33.83
	14	CH_2012_GO05_EW	2.97 0	24.84	CH_2012_GO05_EW	2.97 0	24.84	TW_1999_ChiChi_06_360	0.92 1	36.57	US_1994_Northridge_02_9 0	1.18 2	20.92	US_1994_Northridge_02_9 0	1.18 2	20.92	TW_1999_ChiChi_07_360	0.66 3	39.86
	15	TW_1999_ChiChi_10_360	0.80 5	24.85	TW_1999_ChiChi_10_360	0.80 5	24.85	TW_1999_ChiChi_08_360	0.98 1	25.07	JP_2004_Chuetsu_06_EW	0.55 0	21.67	JP_2004_Chuetsu_06_EW	0.55 0	21.67	TW_1999_ChiChi_10_360	0.88 8	23.76
	16	TW_1999_ChiChi_08_360	0.98 1	25.07	TW_1999_ChiChi_08_360	0.98 1	25.07	US_1989_Loma Prieta_04_90	1.11 6	50.00	TW_1999_ChiChi_01_90	0.51 3	22.30	TW_1999_ChiChi_01_90	0.51 3	22.30	US_1989_Loma Prieta_04_90	0.68 5	40.23
	17	TW_1999_ChiChi_08_90	0.61 4	28.01	TW_1999_ChiChi_08_90	0.61 4	28.01	US_1989_Loma Prieta_05_195	2.32 5	23.32	JP_2004_Chuetsu_05_EW	0.55 8	22.40	JP_2016_Kumamoto_03_E W	0.82 8	22.60	US_1989_Loma Prieta_05_195	2.39 4	23.19
	18	US_1994_Northridge_01_3 60	1.11 3	28.33	US_1994_Northridge_01_3 60	1.11 3	28.33	US_1989_Loma Prieta_06_0	0.94 3	21.03	JP_2016_Kumamoto_03_E W	0.82 8	22.60	JP_2004_Chuetsu_06_NS	0.55 0	23.09	US_1992_Petrolia_01_90	0.52 0	35.02
	19	JP_2004_Chuetsu_05_NS	0.41 8	29.21	JP_2004_Chuetsu_05_NS	0.41 8	29.21	US_1992_Big Bear_270	0.64 2	50.27	JP_2004_Chuetsu_06_NS	0.55 0	23.09	US_1989_Loma Prieta_05_195	2.39 4	23.19	US_1992_Petrolia_02_270	1.09 1	23.89
	20	US_1994_Northridge_03_9 0	0.81 0	30.09	US_1994_Northridge_03_9 0	0.81 0	30.09	US_1994_Northridge_02_9 0	1.54 5	32.47	US_1989_Loma Prieta_05_195	2.39 4	23.19	JP_2018_Hokkaido_02_E W	0.86 5	23.20	US_1994_Northridge_02_90	1.18 2	20.92
MSE	1	JP_2004_Chuetsu_07_EW	0.82 4	12139.7 4	JP_2004_Chuetsu_07_EW	0.82 4	12139.7 4	CH_2012_GO05_EW	2.97 0	56983.66	JP_2004_Chuetsu_07_EW	0.80 5	11832.9 3	JP_2004_Chuetsu_07_EW	0.80 5	11832.9 3	JP_2000_Tottori_02_NS	0.55 8	72593.12
	2	JP_2004_14DEC_EW	0.48 5	20007.3 2	JP_2004_14DEC_EW	0.48 5	20007.3 2	CH_2014_Iquique_02_EW	2.79 8	23427.08	JP_2004_Chuetsu_05_EW	0.58 0	12151.4 6	JP_2004_Chuetsu_07_NS	1.03 0	13785.7 4	JP_2004_Chuetsu_01_EW	0.26 5	106635.9 3
	3	TW_1999_ChiChi_10_90	0.53 9	20980.0 5	TW_1999_ChiChi_10_90	0.53 9	20980.0 5	JP_2000_Tottori_02_NS	0.49 0	78878.99	JP_2004_Chuetsu_07_NS	1.03 0	13785.7 4	TW_1999_ChiChi_10_90	0.60 3	15071.7 4	JP_2004_Chuetsu_01_NS	0.31 8	111042.0 9

	4	CH_2014_Iquique_02_EW	2.79 8	23427.0 8	CH_2014_Iquique_02_EW	2.79 8	23427.0 8	JP_2004_Chuetstu_06_EW	0.57 6	25106.38	TW_1999_ChiChi_10_90	0.60 3	15071.7 4	CH_2014_Iquique_02_EW	3.09 1	18916.9 5	JP_2004_Chuetstu_06_EW	0.55 0	24274.41
	5	JP_2004_Chuetstu_06_EW	0.57 6	25106.3 8	JP_2004_Chuetstu_06_EW	0.57 6	25106.3 8	JP_2011_15MAR_EW	0.37 3	67133.37	CH_2014_Iquique_02_EW	3.09 1	18916.9 5	TW_1999_ChiChi_08_90	0.76 8	19761.9 4	JP_2007_Noto_02_NS	1.00 0	54179.72
	6	JP_2016_Kumamoto_05_E W	1.63 7	29058.1 8	JP_2016_Kumamoto_05_E W	1.63 7	29058.1 8	JP_2011_15MAR_NS	0.52 3	53605.06	TW_1999_ChiChi_08_90	0.76 8	19761.9 4	JP_2004_14DEC_EW	0.48 3	19984.2 9	JP_2009_Shizuoca_01_NS	0.81 3	103879.9 9
	7	TW_1999_ChiChi_08_360	0.98 1	30173.3 1	TW_1999_ChiChi_08_360	0.98 1	30173.3 1	JP_2011_Fukushima_06_N S	0.84 5	75604.62	US_1989_Loma Prieta_06_0	1.21 2	19965.6 1	TW_1999_ChiChi_08_360	1.15 2	20225.7 5	JP_2011_15MAR_EW	0.32 5	56314.80
	8	JP_2004_Chuetstu_05_NS	0.41 8	30373.8 5	JP_2004_Chuetstu_05_NS	0.41 8	30373.8 5	JP_2016_Kumamoto_01_N S	0.72 4	188618.3 3	JP_2004_14DEC_EW	0.48 3	19984.2 9	US_1994_Northridge_01_9 0	1.69 7	20257.9 4	JP_2016_Kumamoto_01_EW	0.65 5	30183.82
	9	US_1989_Loma Prieta_06_90	1.26 7	30441.0 8	US_1989_Loma Prieta_06_90	1.26 7	30441.0 8	JP_2016_Kumamoto_06_E W	1.42 1	169959.8 3	TW_1999_ChiChi_08_360	1.15 2	20225.7 5	JP_1997_Kagoshima_EW	0.89 5	22350.1 5	JP_2016_Kumamoto_01_NS	0.47 5	55680.05
	10	JP_2000_Tottori_05_NS	0.57 7	30815.6 1	JP_2000_Tottori_05_NS	0.57 7	30815.6 1	JP_2018_Hokkaido_02_E W	0.96 2	33106.14	US_1994_Northridge_01_9 0	1.69 7	20257.9 4	JP_2004_Chuetstu_06_EW	0.55 0	24274.4 1	JP_2016_Kumamoto_04_EW	0.75 3	50503.17
	11	JP_2000_Tottori_01_EW	0.74 3	32018.6 8	JP_2000_Tottori_01_EW	0.74 3	32018.6 8	JP_2018_Hokkaido_03_E W	0.67 2	70923.00	JP_1997_Kagoshima_EW	0.89 5	22350.1 5	US_1994_Northridge_02_9 0	1.24 2	24363.0 6	JP_2018_Hokkaido_02_EW	0.91 0	31532.61
	12	US_1989_Loma Prieta_03_90	1.03 6	32375.9 0	US_1989_Loma Prieta_03_90	1.03 6	32375.9 0	JP_2018_Hokkaido_04_NS	0.81 8	240567.4 9	JP_2004_Chuetstu_05_NS	0.46 8	24152.2 5	US_1989_Loma Prieta_06_90	1.39 4	26074.8 6	TW_1999_ChiChi_07_360	0.86 5	106298.0 9
	13	JP_2004_Chuetstu_07_NS	1.20 9	33053.7 7	JP_2004_Chuetstu_07_NS	1.20 9	33053.7 7	TW_1999_ChiChi_04_90	1.12 2	56938.93	JP_2004_Chuetstu_06_EW	0.55 0	24274.4 1	JP_2016_Kumamoto_05_E W	1.54 5	27665.0 4	US_1989_Loma Prieta_02_0	1.09 1	47848.27
	14	JP_2018_Hokkaido_02_E W	0.96 2	33106.1 4	JP_2018_Hokkaido_02_E W	0.96 2	33106.1 4	TW_1999_ChiChi_06_360	0.92 1	68801.15	US_1994_Northridge_02_9 0	1.24 2	24363.0 6	JP_2000_Tottori_05_NS	0.62 5	27825.4 0	US_1989_Loma Prieta_02_90	0.79 0	68481.19
	15	US_1989_Loma Prieta_05_195	2.32 5	33483.9 0	US_1989_Loma Prieta_05_195	2.32 5	33483.9 0	TW_1999_ChiChi_08_360	0.98 1	30173.31	US_1989_Loma Prieta_06_90	1.39 4	26074.8 6	JP_2009_Shizuoca_02_E W	1.21 2	28509.6 6	US_1989_Loma Prieta_04_90	0.79 0	88872.66
	16	JP_1997_Kagoshima_EW	0.72 9	39850.0 2	JP_1997_Kagoshima_EW	0.72 9	39850.0 2	US_1989_Loma Prieta_04_90	1.11 6	168216.1 7	JP_2016_Kumamoto_05_E W	1.54 5	27665.0 4	JP_2011_15MAR_NS	0.67 0	29048.7 1	US_1989_Loma Prieta_05_195	2.54 5	29927.13
	17	CH_2012_GO05_NS	3.51 9	40970.0 4	CH_2012_GO05_NS	3.51 9	40970.0 4	US_1989_Loma Prieta_05_195	2.32 5	33483.90	JP_2000_Tottori_05_NS	0.62 5	27825.4 0	JP_2000_Tottori_01_EW	0.80 5	29231.1 2	US_1989_Loma Prieta_06_0	1.21 2	19965.61
	18	TW_1999_ChiChi_08_90	0.61 4	41566.3 7	TW_1999_ChiChi_08_90	0.61 4	41566.3 7	US_1989_Loma Prieta_06_0	0.94 3	44224.61	JP_2009_Shizuoca_02_E W	1.21 2	28509.6 6	US_1989_Loma Prieta_03_90	1.12 1	29472.7 3	US_1992_Petrolia_01_90	0.59 5	102667.8 8
	19	JP_2004_Chuetstu_06_NS	0.55 0	41723.2 5	JP_2004_Chuetstu_06_NS	0.55 0	41723.2 5	US_1992_Big Bear_270	0.64 2	104337.2 0	JP_2011_15MAR_NS	0.67 0	29048.7 1	US_1989_Loma Prieta_05_195	2.54 5	29927.1 3	US_1992_Petrolia_Aftershock_0 1_90	1.12 1	58228.48
	20	JP_2009_Shizuoca_03_E W	1.15 3	42247.5 6	JP_2009_Shizuoca_03_E W	1.15 3	42247.5 6	US_1994_Northridge_02_9 0	1.54 5	57755.35	JP_2000_Tottori_01_EW	0.80 5	29231.1 2	JP_2016_Kumamoto_01_E W	0.65 5	30183.8 2	US_1994_Northridge_02_90	1.24 2	24363.06
RMS E	1	JP_2004_Chuetstu_07_EW	0.82 4	110.18	JP_2004_Chuetstu_07_EW	0.82 4	110.18	CH_2012_GO05_EW	2.97 0	238.71	JP_2004_Chuetstu_07_EW	0.80 5	108.78	JP_2004_Chuetstu_07_EW	0.80 5	108.78	JP_2000_Tottori_02_NS	0.55 8	269.43
	2	JP_2004_14DEC_EW	0.48 5	141.45	JP_2004_14DEC_EW	0.48 5	141.45	CH_2014_Iquique_02_EW	2.79 8	153.06	JP_2004_Chuetstu_05_EW	0.58 0	110.23	JP_2004_Chuetstu_07_NS	1.03 0	117.41	JP_2004_Chuetstu_01_EW	0.26 5	326.55
	3	TW_1999_ChiChi_10_90	0.53 9	144.84	TW_1999_ChiChi_10_90	0.53 9	144.84	JP_2000_Tottori_02_NS	0.49 0	280.85	JP_2004_Chuetstu_07_NS	1.03 0	117.41	TW_1999_ChiChi_10_90	0.60 3	122.77	JP_2004_Chuetstu_01_NS	0.31 8	333.23
	4	CH_2014_Iquique_02_EW	2.79 8	153.06	CH_2014_Iquique_02_EW	2.79 8	153.06	JP_2004_Chuetstu_06_EW	0.57 6	158.45	TW_1999_ChiChi_10_90	0.60 3	122.77	CH_2014_Iquique_02_EW	3.09 1	137.54	JP_2004_Chuetstu_06_EW	0.55 0	155.80
	5	JP_2004_Chuetstu_06_EW	0.57 6	158.45	JP_2004_Chuetstu_06_EW	0.57 6	158.45	JP_2011_15MAR_EW	0.37 3	259.10	CH_2014_Iquique_02_EW	3.09 1	137.54	TW_1999_ChiChi_08_90	0.76 8	140.58	JP_2007_Noto_02_NS	1.00 0	232.77
	6	JP_2016_Kumamoto_05_E W	1.63 7	170.46	JP_2016_Kumamoto_05_E W	1.63 7	170.46	JP_2011_15MAR_NS	0.52 3	231.53	TW_1999_ChiChi_08_90	0.76 8	140.58	JP_2004_14DEC_EW	0.48 3	141.37	JP_2009_Shizuoca_01_NS	0.81 3	322.30
	7	TW_1999_ChiChi_08_360	0.98 1	173.70	TW_1999_ChiChi_08_360	0.98 1	173.70	JP_2011_Fukushima_06_N S	0.84 5	274.96	US_1989_Loma Prieta_06_0	1.21 2	141.30	TW_1999_ChiChi_08_360	1.15 2	142.22	JP_2011_15MAR_EW	0.32 5	237.31
	8	JP_2004_Chuetstu_05_NS	0.41 8	174.28	JP_2004_Chuetstu_05_NS	0.41 8	174.28	JP_2016_Kumamoto_01_N S	0.72 4	434.30	JP_2004_14DEC_EW	0.48 3	141.37	US_1994_Northridge_01_9 0	1.69 7	142.33	JP_2016_Kumamoto_01_EW	0.65 5	173.73
	9	US_1989_Loma Prieta_06_90	1.26 7	174.47	US_1989_Loma Prieta_06_90	1.26 7	174.47	JP_2016_Kumamoto_06_E W	1.42 1	412.26	TW_1999_ChiChi_08_360	1.15 2	142.22	JP_1997_Kagoshima_EW	0.89 5	149.50	JP_2016_Kumamoto_01_NS	0.47 5	235.97
	10	JP_2000_Tottori_05_NS	0.57 7	175.54	JP_2000_Tottori_05_NS	0.57 7	175.54	JP_2018_Hokkaido_02_E W	0.96 2	181.95	US_1994_Northridge_01_9 0	1.69 7	142.33	JP_2004_Chuetstu_06_EW	0.55 0	155.80	JP_2016_Kumamoto_04_EW	0.75 3	224.73
	11	JP_2000_Tottori_01_EW	0.74 3	178.94	JP_2000_Tottori_01_EW	0.74 3	178.94	JP_2018_Hokkaido_03_E W	0.67 2	266.31	JP_1997_Kagoshima_EW	0.89 5	149.50	US_1994_Northridge_02_9 0	1.24 2	156.09	JP_2018_Hokkaido_02_EW	0.91 0	177.57
	12	US_1989_Loma Prieta_03_90	1.03 6	179.93	US_1989_Loma Prieta_03_90	1.03 6	179.93	JP_2018_Hokkaido_04_NS	0.81 8	490.48	JP_2004_Chuetstu_05_NS	0.46 8	155.41	US_1989_Loma Prieta_06_90	1.39 4	161.48	TW_1999_ChiChi_07_360	0.86 5	326.03
	13	JP_2004_Chuetstu_07_NS	1.20 9	181.81	JP_2004_Chuetstu_07_NS	1.20 9	181.81	TW_1999_ChiChi_04_90	1.12 2	238.62	JP_2004_Chuetstu_06_EW	0.55 0	155.80	JP_2016_Kumamoto_05_E W	1.54 5	166.33	US_1989_Loma Prieta_02_0	1.09 1	218.74
	14	JP_2018_Hokkaido_02_E W	0.96 2	181.95	JP_2018_Hokkaido_02_E W	0.96 2	181.95	TW_1999_ChiChi_06_360	0.92 1	262.30	US_1994_Northridge_02_9 0	1.24 2	156.09	JP_2000_Tottori_05_NS	0.62 5	166.81	US_1989_Loma Prieta_02_90	0.79 0	261.69
	15	US_1989_Loma Prieta_05_195	2.32 5	182.99	US_1989_Loma Prieta_05_195	2.32 5	182.99	TW_1999_ChiChi_08_360	0.98 1	173.70	US_1989_Loma Prieta_06_90	1.39 4	161.48	JP_2009_Shizuoca_02_E W	1.21 2	168.85	US_1989_Loma Prieta_04_90	0.79 0	298.12
	16	JP_1997_Kagoshima_EW	0.72 9	199.62	JP_1997_Kagoshima_EW	0.72 9	199.62	US_1989_Loma Prieta_04_90	1.11 6	410.14	JP_2016_Kumamoto_05_E W	1.54 5	166.33	JP_2011_15MAR_NS	0.67 0	170.44	US_1989_Loma Prieta_05_195	2.54 5	172.99
	17	CH_2012_GO05_NS	3.51 9	202.41	CH_2012_GO05_NS	3.51 9	202.41	US_1989_Loma Prieta_05_195	2.32 5	182.99	JP_2000_Tottori_05_NS	0.62 5	166.81	JP_2000_Tottori_01_EW	0.80 5	170.97	US_1989_Loma Prieta_06_0	1.21 2	141.30
	18	TW_1999_ChiChi_08_90	0.61 4	203.88	TW_1999_ChiChi_08_90	0.61 4	203.88	US_1989_Loma Prieta_06_0	0.94 3	210.30	JP_2009_Shizuoca_02_E W	1.21 2	168.85	US_1989_Loma Prieta_03_90	1.12 1	171.68	US_1992_Petrolia_01_90	0.59 5	320.42
	19	JP_2004_Chuetstu_06_NS	0.55 0	204.26	JP_2004_Chuetstu_06_NS	0.55 0	204.26	US_1992_Big Bear_270	0.64 2	323.01	JP_2011_15MAR_NS	0.67 0	170.44	US_1989_Loma Prieta_05_195	2.54 5	172.99	US_1992_Petrolia_Aftershock_0 1_90	1.12 1	241.31
	20	JP_2009_Shizuoca_03_E W	1.15 3	205.54	JP_2009_Shizuoca_03_E W	1.15 3	205.54	US_1994_Northridge_02_9 0	1.54 5	240.32	JP_2000_Tottori_01_EW	0.80 5	170.97	JP_2016_Kumamoto_01_E W	0.65 5	173.73	US_1994_Northridge_02_90	1.24 2	156.09

REGISTROS SELECCIONADOS CASO Ymr-I T=0.16s - TSepu-tr-2475																			
Caso:		TSepu-tr-2475_NSp_Sbs			TSepu-tr-2475_NSp_Sci			TSepu-tr-2475_NSp_Ssr			TSepu-tr-2475_NSr_Sbs			TSepu-tr-2475_NSr_Sci			TSepu-tr-2475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuet <u>s</u> u_07_EW	1.029	106.66	JP_2004_Chuet <u>s</u> u_07_EW	1.029	106.66	CH_2012_GO05_EW	3.709	211.83	JP_2004_Chuet <u>s</u> u_05_EW	0.745	101.27	JP_2004_Chuet <u>s</u> u_07_EW	1.061	104.65	CH_2012_GO05_EW	3.364	203.17
	2	JP_2004_Chuet <u>s</u> u_07_NS	1.509	159.92	JP_2004_Chuet <u>s</u> u_07_NS	1.509	159.92	JP_2000_Tottori_01_EW	0.928	213.90	JP_2004_Chuet <u>s</u> u_07_EW	1.061	104.65	JP_2004_Chuet <u>s</u> u_07_NS	1.333	130.96	CH_2014_Iquique_02_EW	4.000	148.48
	3	JP_2016_Kumamoto_05_EW	2.044	163.15	JP_2016_Kumamoto_05_EW	2.044	163.15	JP_2004_Chuet <u>s</u> u_06_EW	0.719	168.72	JP_2004_Chuet <u>s</u> u_07_NS	1.333	130.96	US_1994_Northridge_01_90	2.121	134.07	JP_2000_Tottori_02_NS	0.678	315.75
	4	JP_2004_14DEC_EW	0.605	165.81	JP_2004_14DEC_EW	0.605	165.81	JP_2004_Chuet <u>s</u> u_06_NS	0.686	187.77	US_1994_Northridge_01_90	2.121	134.07	TW_1999_ChiChi_10_90	0.820	140.13	JP_2004_27OCT_02_NS	3.000	226.44
	5	JP_2004_Chuet <u>s</u> u_06_EW	0.719	168.72	JP_2004_Chuet <u>s</u> u_06_EW	0.719	168.72	JP_2016_Kumamoto_01_NS	0.905	342.81	TW_1999_ChiChi_10_90	0.820	140.13	TW_1999_ChiChi_08_90	0.978	142.78	JP_2004_Chuet <u>s</u> u_01_EW	0.303	340.89
	6	CH_2014_Iquique_02_EW	3.493	173.41	CH_2014_Iquique_02_EW	3.493	173.41	JP_2018_Hokkaido_02_EW	1.201	195.14	TW_1999_ChiChi_08_90	0.978	142.78	US_1989_Loma Prieta_06_0	1.515	143.67	JP_2004_Chuet <u>s</u> u_01_NS	0.438	333.57
	7	TW_1999_ChiChi_10_90	0.673	178.86	TW_1999_ChiChi_10_90	0.673	178.86	JP_2018_Hokkaido_03_EW	0.839	262.64	US_1989_Loma Prieta_06_0	1.515	143.67	CH_2014_Iquique_02_EW	4.000	148.48	JP_2004_Chuet <u>s</u> u_06_EW	0.715	168.70
	8	JP_2004_Chuet <u>s</u> u_06_NS	0.686	187.77	JP_2004_Chuet <u>s</u> u_06_NS	0.686	187.77	JP_2018_Hokkaido_04_NS	1.022	445.89	CH_2014_Iquique_02_EW	4.000	148.48	JP_2009_Shizuoca_02_EW	1.576	152.57	JP_2009_Shizuoca_01_NS	1.121	382.44
	9	JP_2004_Chuet <u>s</u> u_05_NS	0.522	189.44	JP_2004_Chuet <u>s</u> u_05_NS	0.522	189.44	TW_1999_ChiChi_04_90	1.401	257.27	JP_2009_Shizuoca_02_EW	1.576	152.57	US_1994_Northridge_02_90	1.515	160.38	JP_2009_Shizuoca_03_EW	1.697	215.88
	10	JP_2018_Hokkaido_02_EW	1.201	195.14	JP_2018_Hokkaido_02_EW	1.201	195.14	TW_1999_ChiChi_08_360	1.225	201.07	US_1994_Northridge_02_90	1.515	160.38	TW_1999_ChiChi_08_360	1.455	162.35	JP_2018_Hokkaido_02_EW	1.121	191.64
	11	US_1989_Loma Prieta_03_90	1.293	196.64	US_1989_Loma Prieta_03_90	1.293	196.64	TW_1999_ChiChi_08_90	0.767	234.29	TW_1999_ChiChi_08_360	1.455	162.35	JP_2016_Kumamoto_05_EW	2.030	163.30	JP_2018_Hokkaido_04_NS	0.595	256.82
	12	US_1989_Loma Prieta_06_90	1.581	196.75	US_1989_Loma Prieta_06_90	1.581	196.75	TW_1999_ChiChi_10_90	0.673	178.86	JP_2016_Kumamoto_05_EW	2.030	163.30	US_1989_Loma Prieta_05_195	3.424	164.62	JP_2018_Hokkaido_05_EW	0.483	434.25
	13	US_1989_Loma Prieta_05_195	2.903	198.28	US_1989_Loma Prieta_05_195	2.903	198.28	US_1989_Loma Prieta_01_0	1.309	316.83	US_1989_Loma Prieta_05_195	3.424	164.62	JP_2004_14DEC_EW	0.610	165.72	PE_2012_14MAY_NS	4.000	439.09
	14	TW_1999_ChiChi_08_360	1.225	201.07	TW_1999_ChiChi_08_360	1.225	201.07	US_1989_Loma Prieta_04_90	1.393	343.73	JP_2004_14DEC_EW	0.610	165.72	JP_2004_Chuet <u>s</u> u_06_EW	0.715	168.70	TW_1999_ChiChi_07_360	0.970	354.20
	15	JP_2000_Tottori_05_NS	0.720	203.33	JP_2000_Tottori_05_NS	0.720	203.33	US_1989_Loma Prieta_05_195	2.903	198.28	JP_2004_Chuet <u>s</u> u_06_EW	0.715	168.70	JP_1997_Kagoshima_EW	1.212	172.92	TW_1999_ChiChi_08_360	1.455	162.35
	16	CH_2012_GO05_EW	3.709	211.83	CH_2012_GO05_EW	3.709	211.83	US_1989_Loma Prieta_06_0	1.177	217.89	JP_2004_Chuet <u>s</u> u_05_NS	0.573	170.61	US_1989_Loma Prieta_06_90	1.879	174.36	US_1989_Loma Prieta_05_195	3.424	164.62
	17	JP_2000_Tottori_01_EW	0.928	213.90	JP_2000_Tottori_01_EW	0.928	213.90	US_1989_Loma Prieta_06_90	1.581	196.75	JP_1997_Kagoshima_EW	1.212	172.92	US_1994_Northridge_02_360	1.667	176.61	US_1989_Loma Prieta_06_0	1.515	143.67
	18	TW_1999_ChiChi_10_360	1.005	217.04	TW_1999_ChiChi_10_360	1.005	217.04	US_1992_Petrolia_Aftershock_01_90	2.679	630.99	US_1989_Loma Prieta_06_90	1.879	174.36	US_1989_Loma Prieta_03_90	1.515	176.77	US_1992_Petrolia_02_270	1.424	187.08
	19	US_1989_Loma Prieta_06_0	1.177	217.89	US_1989_Loma Prieta_06_0	1.177	217.89	US_1994_Northridge_02_90	1.929	235.62	US_1994_Northridge_02_360	1.667	176.61	JP_2004_Chuet <u>s</u> u_06_NS	0.670	186.35	US_1994_Northridge_02_360	1.667	176.61
	20	JP_1997_Kagoshima_EW	0.911	230.67	JP_1997_Kagoshima_EW	0.911	230.67	US_1994_Northridge_03_90	1.012	276.46	US_1989_Loma Prieta_03_90	1.515	176.77	US_1992_Petrolia_02_270	1.424	187.08	US_1994_Northridge_02_90	1.515	160.38
MAP E	1	JP_2004_Chuet <u>s</u> u_07_EW	1.029	15.44	JP_2004_Chuet <u>s</u> u_07_EW	1.029	15.44	CH_2012_GO05_EW	3.709	25.23	JP_2004_Chuet <u>s</u> u_07_EW	1.091	14.64	JP_2004_Chuet <u>s</u> u_07_EW	1.091	14.64	CH_2014_Iquique_02_EW	4.000	17.07
	2	JP_2004_Chuet <u>s</u> u_07_NS	1.509	17.59	JP_2004_Chuet <u>s</u> u_07_NS	1.509	17.59	JP_2000_Tottori_01_EW	0.928	31.93	US_1989_Loma Prieta_06_0	1.394	16.15	US_1989_Loma Prieta_06_0	1.394	16.15	JP_2000_Tottori_02_NS	0.700	44.13
	3	JP_2016_Kumamoto_05_EW	2.044	18.95	JP_2016_Kumamoto_05_EW	2.044	18.95	JP_2004_Chuet <u>s</u> u_06_EW	0.719	22.09	JP_2004_Chuet <u>s</u> u_07_NS	1.364	16.20	JP_2004_Chuet <u>s</u> u_07_NS	1.364	16.20	JP_2004_Chuet <u>s</u> u_01_EW	0.295	38.18
	4	US_1989_Loma Prieta_03_90	1.293	21.62	US_1989_Loma Prieta_03_90	1.293	21.62	JP_2004_Chuet <u>s</u> u_06_NS	0.686	23.66	US_1994_Northridge_01_90	2.273	16.90	US_1994_Northridge_01_90	2.273	16.90	JP_2004_Chuet <u>s</u> u_01_NS	0.408	38.54
	5	CH_2014_Iquique_02_EW	3.493	21.91	CH_2014_Iquique_02_EW	3.493	21.91	JP_2016_Kumamoto_01_NS	0.905	36.11	CH_2014_Iquique_02_EW	4.000	17.07	CH_2014_Iquique_02_EW	4.000	17.07	JP_2007_16JUL_EW	0.858	45.06
	6	JP_2004_Chuet <u>s</u> u_06_EW	0.719	22.09	JP_2004_Chuet <u>s</u> u_06_EW	0.719	22.09	JP_2018_Hokkaido_02_EW	1.201	24.31	TW_1999_ChiChi_08_90	1.030	18.55	TW_1999_ChiChi_08_90	1.030	18.55	JP_2016_Kumamoto_06_EW	1.212	26.03
	7	US_1989_Loma Prieta_06_0	1.177	22.71	US_1989_Loma Prieta_06_0	1.177	22.71	JP_2018_Hokkaido_03_EW	0.839	32.69	TW_1999_ChiChi_10_90	0.828	18.79	TW_1999_ChiChi_10_90	0.828	18.79	JP_2018_Hokkaido_02_EW	1.121	23.91
	8	US_1989_Loma Prieta_06_90	1.581	22.74	US_1989_Loma Prieta_06_90	1.581	22.74	JP_2018_Hokkaido_04_NS	1.022	50.77	JP_2016_Kumamoto_05_EW	2.000	18.85	JP_2016_Kumamoto_05_EW	2.000	18.85	JP_2018_Hokkaido_03_EW	0.933	31.71
	9	JP_2004_Chuet <u>s</u> u_06_NS	0.686	23.66	JP_2004_Chuet <u>s</u> u_06_NS	0.686	23.66	TW_1999_ChiChi_04_90	1.401	35.26	US_1994_Northridge_02_360	1.667	19.02	US_1994_Northridge_02_360	1.667	19.02	JP_2018_Hokkaido_04_NS	0.595	33.37
	10	US_1989_Loma Prieta_05_195	2.903	23.76	US_1989_Loma Prieta_05_195	2.903	23.76	TW_1999_ChiChi_08_360	1.225	26.88	JP_2009_Shizuoca_02_EW	1.576	19.50	JP_2009_Shizuoca_02_EW	1.576	19.50	PE_2012_14MAY_NS	4.000	53.89
	11	JP_2018_Hokkaido_02_EW	1.201	24.31	JP_2018_Hokkaido_02_EW	1.201	24.31	TW_1999_ChiChi_08_90	0.767	30.11	US_1994_Northridge_02_90	1.485	20.23	US_1994_Northridge_02_90	1.485	20.23	TW_1999_ChiChi_06_90	0.888	37.97
	12	TW_1999_ChiChi_10_90	0.673	24.62	TW_1999_ChiChi_10_90	0.673	24.62	TW_1999_ChiChi_10_90	0.673	24.62	US_1989_Loma Prieta_03_90	1.455	20.58	US_1989_Loma Prieta_03_90	1.455	20.58	TW_1999_ChiChi_07_360	0.895	39.01
	13	CH_2012_GO05_EW	3.709	25.23	CH_2012_GO05_EW	3.709	25.23	US_1989_Loma Prieta_01_0	1.309	34.52	JP_2004_Chuet <u>s</u> u_05_EW	0.723	20.76	US_1989_Loma Prieta_06_90	1.818	20.86	US_1989_Loma Prieta_01_0	0.978	25.88
	14	JP_2004_14DEC_EW	0.605	25.26	JP_2004_14DEC_EW	0.605	25.26	US_1989_Loma Prieta_04_90	1.393	46.66	US_1989_Loma Prieta_06_90	1.818	20.86	TW_1999_ChiChi_08_360	1.545	20.99	US_1989_Loma Prieta_04_90	0.873	39.15
	15	TW_1999_ChiChi_10_360	1.005	25.80	TW_1999_ChiChi_10_360	1.005	25.80	US_1989_Loma Prieta_05_195	2.903	23.76	TW_1999_ChiChi_08_360	1.545	20.99	TW_1999_ChiChi_01_90	0.648	21.78	US_1989_Loma Prieta_05_195	3.242	22.16

	1 6	TW_1999_ChiChi_08_360	1.22 5	26.88	TW_1999_ChiChi_08_360	1.22 5	26.88	US_1989_Loma Prieta_06_0	1.17 7	22.71	TW_1999_ChiChi_01_90	0.64 8	21.78	JP_2004_Chuettsu_06_EW	0.70 8	22.02	US_1989_Loma Prieta_06_0	1.39 4	16.15
	1 7	JP_2004_Chuettsu_05_NS	0.52 2	28.17	JP_2004_Chuettsu_05_NS	0.52 2	28.17	US_1989_Loma Prieta_06_90	1.58 1	22.74	JP_2004_Chuettsu_06_EW	0.70 8	22.02	US_1989_Loma Prieta_05_195	3.24 2	22.16	US_1992_Petrolia_01_90	0.67 8	34.17
	1 8	US_1994_Northridge_01_90	2.81 3	28.30	US_1994_Northridge_01_90	2.81 3	28.30	US_1992_Petrolia_Aftershock_01_90	2.67 9	73.02	US_1989_Loma Prieta_05_195	3.24 2	22.16	US_1992_Petrolia_02_270	1.36 4	23.05	US_1992_Petrolia_02_270	1.36 4	23.05
	1 9	US_1994_Northridge_03_90	1.01 2	28.66	US_1994_Northridge_03_90	1.01 2	28.66	US_1994_Northridge_02_90	1.92 9	29.78	US_1992_Petrolia_02_270	1.36 4	23.05	JP_2016_Kumamoto_03_EW	1.09 1	23.08	US_1994_Northridge_02_360	1.66 7	19.02
	2 0	US_1994_Northridge_01_360	1.39 0	29.54	US_1994_Northridge_01_360	1.39 0	29.54	US_1994_Northridge_03_90	1.01 2	28.66	JP_2016_Kumamoto_03_EW	1.09 1	23.08	US_1989_Loma Prieta_05_285	1.39 4	23.54	US_1994_Northridge_02_90	1.48 5	20.23
MSE	1	JP_2004_Chuettsu_07_EW	1.02 9	20267.89	JP_2004_Chuettsu_07_EW	1.02 9	20267.89	CH_2012_GO05_EW	3.70 9	89427.19	JP_2004_Chuettsu_05_EW	0.73 8	18577.69	JP_2004_Chuettsu_07_EW	1.03 0	20277.26	CH_2012_GO05_EW	3.18 2	65705.74
	2	JP_2004_14DEC_EW	0.60 5	37490.36	JP_2004_14DEC_EW	0.60 5	37490.36	JP_2000_Tottori_01_EW	0.92 8	59540.04	JP_2004_Chuettsu_07_EW	1.03 0	20277.26	JP_2004_Chuettsu_07_NS	1.30 3	25675.68	CH_2014_Iquique_02_EW	3.90 9	33505.75
	3	JP_2004_Chuettsu_06_EW	0.71 9	40221.35	JP_2004_Chuettsu_06_EW	0.71 9	40221.35	JP_2004_Chuettsu_06_EW	0.71 9	40221.35	JP_2004_Chuettsu_07_NS	1.30 3	25675.68	TW_1999_ChiChi_10_90	0.76 8	28414.23	JP_2004_27OCT_02_NS	3.00 0	71584.10
	4	TW_1999_ChiChi_10_90	0.67 3	41109.63	TW_1999_ChiChi_10_90	0.67 3	41109.63	JP_2004_Chuettsu_06_NS	0.68 6	66788.95	TW_1999_ChiChi_10_90	0.76 8	28414.23	US_1994_Northridge_01_90	2.15 2	32218.89	JP_2004_Chuettsu_01_EW	0.34 8	159086.93
	5	CH_2014_Iquique_02_EW	3.49 3	43730.55	CH_2014_Iquique_02_EW	3.49 3	43730.55	JP_2016_Kumamoto_01_NS	0.90 5	276113.08	US_1989_Loma Prieta_06_0	1.54 5	30668.88	TW_1999_ChiChi_08_90	0.98 5	32384.23	JP_2004_Chuettsu_01_NS	0.40 8	167130.43
	6	JP_2016_Kumamoto_05_EW	2.04 4	44458.28	JP_2016_Kumamoto_05_EW	2.04 4	44458.28	JP_2018_Hokkaido_02_EW	1.20 1	55062.73	US_1994_Northridge_01_90	2.15 2	32218.89	CH_2014_Iquique_02_EW	3.90 9	33505.75	JP_2009_Shizuoca_01_NS	1.03 0	181808.80
	7	JP_2004_Chuettsu_07_NS	1.50 9	50189.99	JP_2004_Chuettsu_07_NS	1.50 9	50189.99	JP_2018_Hokkaido_03_EW	0.83 9	116528.88	TW_1999_ChiChi_08_90	0.98 5	32384.23	TW_1999_ChiChi_08_360	1.45 5	37101.72	JP_2009_Shizuoca_03_EW	1.72 7	56273.06
	8	JP_2018_Hokkaido_02_EW	1.20 1	55062.73	JP_2018_Hokkaido_02_EW	1.20 1	55062.73	JP_2018_Hokkaido_04_NS	1.02 2	355009.65	CH_2014_Iquique_02_EW	3.90 9	33505.75	JP_1997_Kagoshima_EW	1.12 1	37235.55	JP_2011_15MAR_EW	0.41 5	98898.35
	9	US_1989_Loma Prieta_05_195	2.90 3	55985.81	US_1989_Loma Prieta_05_195	2.90 3	55985.81	TW_1999_ChiChi_04_90	1.40 1	91853.61	TW_1999_ChiChi_08_360	1.45 5	37101.72	JP_2004_14DEC_EW	0.61 0	37402.21	JP_2016_Kumamoto_01_NS	0.61 0	86780.85
	10	US_1989_Loma Prieta_06_90	1.58 1	56776.78	US_1989_Loma Prieta_06_90	1.58 1	56776.78	TW_1999_ChiChi_08_360	1.22 5	57070.02	JP_1997_Kagoshima_EW	1.12 1	37235.55	US_1994_Northridge_02_90	1.57 6	37890.85	JP_2016_Kumamoto_04_EW	0.96 3	83253.03
	11	JP_2000_Tottori_05_NS	0.72 0	56962.43	JP_2000_Tottori_05_NS	0.72 0	56962.43	TW_1999_ChiChi_08_90	0.76 7	73587.98	JP_2004_14DEC_EW	0.61 0	37402.21	JP_2004_Chuettsu_06_EW	0.70 8	39908.01	PE_2012_14MAY_NS	4.00 0	234974.04
	12	JP_2004_Chuettsu_05_NS	0.52 2	56992.41	JP_2004_Chuettsu_05_NS	0.52 2	56992.41	TW_1999_ChiChi_10_90	0.67 3	41109.63	US_1994_Northridge_02_90	1.57 6	37890.85	JP_2009_Shizuoca_02_EW	1.54 5	42742.74	TW_1999_ChiChi_04_360	1.12 1	137919.23
	13	TW_1999_ChiChi_08_360	1.22 5	57070.02	TW_1999_ChiChi_08_360	1.22 5	57070.02	US_1989_Loma Prieta_01_0	1.30 9	220355.05	JP_2004_Chuettsu_06_EW	0.70 8	39908.01	JP_2016_Kumamoto_05_EW	1.97 0	43734.22	TW_1999_ChiChi_04_90	1.63 6	73539.26
	14	US_1989_Loma Prieta_03_90	1.29 3	58955.23	US_1989_Loma Prieta_03_90	1.29 3	58955.23	US_1989_Loma Prieta_04_90	1.39 3	240019.88	JP_2009_Shizuoca_02_EW	1.54 5	42742.74	US_1989_Loma Prieta_06_90	1.75 8	47109.60	TW_1999_ChiChi_06_90	0.88 0	130365.18
	15	JP_2000_Tottori_01_EW	0.92 8	59540.04	JP_2000_Tottori_01_EW	0.92 8	59540.04	US_1989_Loma Prieta_05_195	2.90 3	55985.81	JP_2016_Kumamoto_05_EW	1.97 0	43734.22	US_1989_Loma Prieta_05_195	3.24 2	47174.67	TW_1999_ChiChi_07_360	1.12 1	160061.09
	16	JP_2004_Chuettsu_06_NS	0.68 6	66788.95	JP_2004_Chuettsu_06_NS	0.68 6	66788.95	US_1989_Loma Prieta_06_0	1.17 7	76548.96	JP_2004_Chuettsu_05_NS	0.59 5	43838.99	US_1992_Petrolia_02_270	1.45 5	49202.50	TW_1999_ChiChi_10_360	1.21 2	62446.97
	17	JP_1997_Kagoshima_EW	0.91 1	70748.04	JP_1997_Kagoshima_EW	0.91 1	70748.04	US_1989_Loma Prieta_06_90	1.58 1	56776.78	US_1989_Loma Prieta_06_90	1.75 8	47109.60	JP_2000_Tottori_05_NS	0.79 0	49856.47	US_1989_Loma Prieta_04_90	1.00 0	132850.34
	18	JP_2004_Chuettsu_05_EW	0.92 5	72554.63	TW_1999_ChiChi_08_90	0.76 7	73587.98	US_1992_Petrolia_Aftershock_01_90	2.67 9	656273.98	US_1989_Loma Prieta_05_195	3.24 2	47174.67	JP_2011_15MAR_NS	0.85 0	51179.37	US_1989_Loma Prieta_05_195	3.24 2	47174.67
	19	TW_1999_ChiChi_08_90	0.76 7	73587.98	US_1989_Loma Prieta_06_0	1.17 7	76548.96	US_1994_Northridge_02_90	1.92 9	81439.93	US_1992_Petrolia_02_270	1.45 5	49202.50	US_1994_Northridge_02_360	1.78 8	51193.67	US_1989_Loma Prieta_06_0	1.54 5	30668.88
	20	US_1989_Loma Prieta_06_0	1.17 7	76548.96	JP_2009_Shizuoca_03_EW	1.44 0	79095.50	US_1994_Northridge_03_90	1.01 2	177242.50	JP_2000_Tottori_05_NS	0.79 0	49856.47	US_1989_Loma Prieta_03_90	1.42 4	51960.40	US_1992_Big Bear_270	1.09 1	134006.35
RMS E	1	JP_2004_Chuettsu_07_EW	1.02 9	142.37	JP_2004_Chuettsu_07_EW	1.02 9	142.37	CH_2012_GO05_EW	3.70 9	299.04	JP_2004_Chuettsu_05_EW	0.73 8	136.30	JP_2004_Chuettsu_07_EW	1.03 0	142.40	CH_2012_GO05_EW	3.18 2	256.33
	2	JP_2004_14DEC_EW	0.60 5	193.62	JP_2004_14DEC_EW	0.60 5	193.62	JP_2000_Tottori_01_EW	0.92 8	244.01	JP_2004_Chuettsu_07_EW	1.03 0	142.40	JP_2004_Chuettsu_07_NS	1.30 3	160.24	CH_2014_Iquique_02_EW	3.90 9	183.05
	3	JP_2004_Chuettsu_06_EW	0.71 9	200.55	JP_2004_Chuettsu_06_EW	0.71 9	200.55	JP_2004_Chuettsu_06_EW	0.71 9	200.55	JP_2004_Chuettsu_07_NS	1.30 3	160.24	TW_1999_ChiChi_10_90	0.76 8	168.57	JP_2004_27OCT_02_NS	3.00 0	267.55
	4	TW_1999_ChiChi_10_90	0.67 3	202.76	TW_1999_ChiChi_10_90	0.67 3	202.76	JP_2004_Chuettsu_06_NS	0.68 6	258.44	TW_1999_ChiChi_10_90	0.76 8	168.57	US_1994_Northridge_01_90	2.15 2	179.50	JP_2004_Chuettsu_01_EW	0.34 8	398.86
	5	CH_2014_Iquique_02_EW	3.49 3	209.12	CH_2014_Iquique_02_EW	3.49 3	209.12	JP_2016_Kumamoto_01_NS	0.90 5	525.46	US_1989_Loma Prieta_06_0	1.54 5	175.13	TW_1999_ChiChi_08_90	0.98 5	179.96	JP_2004_Chuettsu_01_NS	0.40 8	408.82
	6	JP_2016_Kumamoto_05_EW	2.04 4	210.85	JP_2016_Kumamoto_05_EW	2.04 4	210.85	JP_2018_Hokkaido_02_EW	1.20 1	234.65	US_1994_Northridge_01_90	2.15 2	179.50	CH_2014_Iquique_02_EW	3.90 9	183.05	JP_2009_Shizuoca_01_NS	1.03 0	426.39
	7	JP_2004_Chuettsu_07_NS	1.50 9	224.03	JP_2004_Chuettsu_07_NS	1.50 9	224.03	JP_2018_Hokkaido_03_EW	0.83 9	341.36	TW_1999_ChiChi_08_90	0.98 5	179.96	TW_1999_ChiChi_08_360	1.45 5	192.62	JP_2009_Shizuoca_03_EW	1.72 7	237.22
	8	JP_2018_Hokkaido_02_EW	1.20 1	234.65	JP_2018_Hokkaido_02_EW	1.20 1	234.65	JP_2018_Hokkaido_04_NS	1.02 2	595.83	CH_2014_Iquique_02_EW	3.90 9	183.05	JP_1997_Kagoshima_EW	1.12 1	192.97	JP_2011_15MAR_EW	0.41 5	314.48
	9	US_1989_Loma Prieta_05_195	2.90 3	236.61	US_1989_Loma Prieta_05_195	2.90 3	236.61	TW_1999_ChiChi_04_90	1.40 1	303.07	TW_1999_ChiChi_08_360	1.45 5	192.62	JP_2004_14DEC_EW	0.61 0	193.40	JP_2016_Kumamoto_01_NS	0.61 0	294.59
	10	US_1989_Loma Prieta_06_90	1.58 1	238.28	US_1989_Loma Prieta_06_90	1.58 1	238.28	TW_1999_ChiChi_08_360	1.22 5	238.89	JP_1997_Kagoshima_EW	1.12 1	192.97	US_1994_Northridge_02_90	1.57 6	194.66	JP_2016_Kumamoto_04_EW	0.96 3	288.54
	11	JP_2000_Tottori_05_NS	0.72 0	238.67	JP_2000_Tottori_05_NS	0.72 0	238.67	TW_1999_ChiChi_08_90	0.76 7	271.27	JP_2004_14DEC_EW	0.61 0	193.40	JP_2004_Chuettsu_06_EW	0.70 8	199.77	PE_2012_14MAY_NS	4.00 0	484.74
	12	JP_2004_Chuettsu_05_NS	0.52 2	238.73	JP_2004_Chuettsu_05_NS	0.52 2	238.73	TW_1999_ChiChi_10_90	0.67 3	202.76	US_1994_Northridge_02_90	1.57 6	194.66	JP_2009_Shizuoca_02_EW	1.54 5	206.74	TW_1999_ChiChi_04_360	1.12 1	371.37
	13	TW_1999_ChiChi_08_360	1.22 5	238.89	TW_1999_ChiChi_08_360	1.22 5	238.89	US_1989_Loma Prieta_01_0	1.30 9	469.42	JP_2004_Chuettsu_06_EW	0.70 8	199.77	JP_2016_Kumamoto_05_EW	1.97 0	209.13	TW_1999_ChiChi_04_90	1.63 6	271.18
	14	US_1989_Loma Prieta_03_90	1.29 3	242.81	US_1989_Loma Prieta_03_90	1.29 3	242.81	US_1989_Loma Prieta_04_90	1.39 3	489.92	JP_2009_Shizuoca_02_EW	1.54 5	206.74	US_1989_Loma Prieta_06_90	1.75 8	217.05	TW_1999_ChiChi_06_90	0.88 0	361.06

	15	JP_2000_Tottori_01_EW	0.928	244.01	JP_2000_Tottori_01_EW	0.928	244.01	US_1989_Loma Prieta_05_195	2.903	236.61	JP_2016_Kumamoto_05_EW	1.970	209.13	US_1989_Loma Prieta_05_195	3.242	217.20	TW_1999_ChiChi_07_360	1.121	400.08
	16	JP_2004_Chuetasu_06_NS	0.686	258.44	JP_2004_Chuetasu_06_NS	0.686	258.44	US_1989_Loma Prieta_06_0	1.177	276.67	JP_2004_Chuetasu_05_NS	0.595	209.38	US_1992_Petrolia_02_270	1.455	221.82	TW_1999_ChiChi_10_360	1.212	249.89
	17	JP_1997_Kagoshima_EW	0.911	265.99	JP_1997_Kagoshima_EW	0.911	265.99	US_1989_Loma Prieta_06_90	1.581	238.28	US_1989_Loma Prieta_06_90	1.758	217.05	JP_2000_Tottori_05_NS	0.790	223.29	US_1989_Loma Prieta_04_90	1.000	364.49
	18	JP_2004_Chuetasu_05_EW	0.925	269.36	TW_1999_ChiChi_08_90	0.767	271.27	US_1992_Petrolia_Aftershock_01_90	2.679	810.11	US_1989_Loma Prieta_05_195	3.242	217.20	JP_2011_15MAR_NS	0.850	226.23	US_1989_Loma Prieta_05_195	3.242	217.20
	19	TW_1999_ChiChi_08_90	0.767	271.27	US_1989_Loma Prieta_06_0	1.177	276.67	US_1994_Northridge_02_90	1.929	285.38	US_1992_Petrolia_02_270	1.455	221.82	US_1994_Northridge_02_360	1.788	226.26	US_1989_Loma Prieta_06_0	1.545	175.13
	20	US_1989_Loma Prieta_06_0	1.177	276.67	JP_2009_Shizuoca_03_EW	1.440	281.24	US_1994_Northridge_03_90	1.012	421.00	JP_2000_Tottori_05_NS	0.790	223.29	US_1989_Loma Prieta_03_90	1.424	227.95	US_1992_Big Bear_270	1.091	366.07

REGISTROS SELECCIONADOS CASO Ymr-I T=0.24s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetasu_07_NS	1.098	71.95	JP_2004_Chuetasu_07_NS	1.098	71.95	CH_2012_GO05_EW	3.337	132.75	JP_2004_Chuetasu_07_NS	1.182	66.20	JP_2004_Chuetasu_07_NS	1.182	66.20	CH_2012_GO05_EW	3.000	126.01
	2	JP_2004_Chuetasu_07_EW	0.860	86.19	JP_2004_Chuetasu_07_EW	0.860	86.19	CH_2014_Iquique_02_EW	3.017	103.23	JP_2004_Chuetasu_07_EW	0.925	74.45	JP_2004_Chuetasu_07_EW	0.925	74.45	CH_2012_GO05_NS	4.000	158.02
	3	CH_2014_Iquique_02_EW	3.017	103.23	CH_2014_Iquique_02_EW	3.017	103.23	JP_1997_Kagoshima_EW	0.814	174.92	CH_2014_Iquique_02_EW	3.455	86.22	CH_2014_Iquique_02_EW	3.455	86.22	CH_2014_Iquique_02_EW	3.455	86.22
	4	JP_2016_Kumamoto_05_EW	1.652	109.17	JP_2016_Kumamoto_05_EW	1.652	109.17	JP_2000_Tottori_01_EW	0.945	163.87	TW_1999_ChiChi_10_90	0.745	106.42	TW_1999_ChiChi_10_90	0.745	106.42	JP_2000_Tottori_01_EW	0.940	163.87
	5	TW_1999_ChiChi_08_360	1.166	110.20	TW_1999_ChiChi_08_360	1.166	110.20	JP_2009_Shizuoca_01_EW	0.641	316.66	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2009_Shizuoca_02_NS	1.333	177.85
	6	TW_1999_ChiChi_08_90	0.931	113.54	TW_1999_ChiChi_08_90	0.931	113.54	JP_2009_Shizuoca_01_NS	0.784	284.87	TW_1999_ChiChi_08_360	1.212	108.08	TW_1999_ChiChi_08_360	1.212	108.08	JP_2016_Kumamoto_01_EW	0.685	132.94
	7	US_1989_Loma Prieta_06_90	1.607	125.41	US_1994_Northridge_02_90	1.185	125.95	JP_2016_Kumamoto_01_EW	0.608	142.26	TW_1999_ChiChi_08_90	0.865	108.54	TW_1999_ChiChi_08_90	0.865	108.54	JP_2016_Kumamoto_03_EW	0.880	145.12
	8	US_1994_Northridge_02_90	1.185	125.95	US_1989_Loma Prieta_05_195	2.920	127.90	JP_2016_Kumamoto_01_NS	0.759	218.67	JP_2004_Chuetasu_06_EW	0.618	110.19	JP_2004_Chuetasu_06_EW	0.618	110.19	JP_2018_Hokkaido_02_EW	0.978	128.60
	9	US_1989_Loma Prieta_05_195	2.920	127.90	TW_1999_ChiChi_01_90	0.570	128.92	JP_2016_Kumamoto_03_EW	0.771	160.40	US_1994_Northridge_02_90	1.333	114.68	US_1994_Northridge_02_90	1.333	114.68	JP_2018_Hokkaido_04_NS	0.528	194.90
	10	TW_1999_ChiChi_01_90	0.570	128.92	CH_2012_GO05_EW	3.337	132.75	JP_2016_Kumamoto_06_NS	0.895	166.89	US_1994_Northridge_01_90	2.000	115.48	US_1994_Northridge_01_90	2.000	115.48	JP_2018_Hokkaido_07_EW	0.393	218.09
	11	CH_2012_GO05_EW	3.337	132.75	JP_2009_Shizuoca_02_EW	1.293	133.64	JP_2018_Hokkaido_02_EW	0.848	144.99	US_1989_Loma Prieta_06_90	1.455	117.17	US_1989_Loma Prieta_06_90	1.455	117.17	JP_2018_Hokkaido_07_NS	0.333	222.50
	12	JP_2009_Shizuoca_02_EW	1.293	133.64	US_1994_Northridge_02_360	1.240	134.99	JP_2018_Hokkaido_04_EW	0.550	161.27	US_1994_Northridge_02_360	1.424	117.84	US_1994_Northridge_02_360	1.424	117.84	TW_1999_ChiChi_01_360	0.558	155.54
	13	US_1994_Northridge_02_360	1.240	134.99	JP_2004_Chuetasu_05_EW	0.580	137.90	JP_2018_Hokkaido_04_NS	0.475	200.90	US_1989_Loma Prieta_05_195	2.758	124.94	US_1989_Loma Prieta_05_195	2.758	124.94	TW_1999_ChiChi_01_90	0.565	128.96
	14	JP_2004_Chuetasu_05_EW	0.580	137.90	JP_2016_Kumamoto_01_EW	0.608	142.26	TW_1999_ChiChi_01_90	0.570	128.92	CH_2012_GO05_EW	3.000	126.01	CH_2012_GO05_EW	3.000	126.01	TW_1999_ChiChi_08_360	1.212	108.08
	15	JP_2016_Kumamoto_01_EW	0.608	142.26	US_1989_Loma Prieta_01_0	0.777	142.90	TW_1999_ChiChi_08_90	0.931	113.54	US_1989_Loma Prieta_03_90	1.121	126.43	US_1989_Loma Prieta_03_90	1.121	126.43	TW_1999_ChiChi_08_90	0.865	108.54
	16	US_1989_Loma Prieta_01_0	0.777	142.90	JP_2016_Kumamoto_06_EW	0.951	144.43	US_1989_Loma Prieta_04_0	0.692	146.28	JP_2004_14DEC_EW	0.535	127.37	JP_2004_14DEC_EW	0.535	127.37	US_1989_Loma Prieta_04_0	0.730	141.82
	17	JP_2016_Kumamoto_06_EW	0.951	144.43	JP_2018_Hokkaido_02_EW	0.848	144.99	US_1989_Loma Prieta_05_195	2.920	127.90	JP_2018_Hokkaido_02_EW	0.978	128.60	JP_2018_Hokkaido_02_EW	0.978	128.60	US_1989_Loma Prieta_05_195	2.758	124.94
	18	JP_2018_Hokkaido_02_EW	0.848	144.99	US_1989_Loma Prieta_03_90	1.297	145.27	US_1992_Big Bear_270	0.987	238.21	TW_1999_ChiChi_01_90	0.565	128.96	TW_1999_ChiChi_01_90	0.565	128.96	US_1989_Loma Prieta_05_285	1.273	158.04
	19	US_1989_Loma Prieta_03_90	1.297	145.27	US_1989_Loma Prieta_04_0	0.692	146.28	US_1992_Petrolia_Aftershock_01_90	1.547	200.24	JP_2004_Chuetasu_06_NS	0.543	131.04	JP_2004_Chuetasu_06_NS	0.543	131.04	US_1992_Big Bear_270	0.985	238.22
	20	US_1989_Loma Prieta_04_0	0.692	146.28	US_1992_Petrolia_02_270	1.025	152.05	US_1994_Northridge_02_90	1.185	125.95	JP_2009_Shizuoca_02_EW	1.424	131.15	JP_2009_Shizuoca_02_EW	1.424	131.15	US_1992_Big Bear_360	0.805	249.63
MAP E	1	JP_2016_Kumamoto_05_EW	1.652	17.14	JP_2016_Kumamoto_05_EW	1.652	17.14	CH_2012_GO05_EW	3.337	25.28	JP_2004_Chuetasu_07_NS	1.242	14.81	JP_2004_Chuetasu_07_NS	1.242	14.81	CH_2012_GO05_EW	3.242	25.10
	2	JP_2004_Chuetasu_07_NS	1.098	17.24	JP_2004_Chuetasu_07_NS	1.098	17.24	CH_2014_Iquique_02_EW	3.017	19.06	CH_2014_Iquique_02_EW	3.515	15.03	CH_2014_Iquique_02_EW	3.515	15.03	CH_2012_GO05_NS	4.000	39.13
	3	TW_1999_ChiChi_01_90	0.570	18.60	TW_1999_ChiChi_01_90	0.570	18.60	JP_1997_Kagoshima_EW	0.814	43.44	JP_2016_Kumamoto_05_EW	1.636	17.14	JP_2016_Kumamoto_05_EW	1.636	17.14	CH_2014_Iquique_02_EW	3.515	15.03
	4	CH_2014_Iquique_02_EW	3.017	19.06	CH_2014_Iquique_02_EW	3.017	19.06	JP_2000_Tottori_01_EW	0.945	42.20	US_1994_Northridge_02_360	1.394	18.15	US_1994_Northridge_02_360	1.394	18.15	JP_2000_Tottori_01_EW	1.061	41.59
	5	US_1994_Northridge_02_360	1.240	20.34	US_1994_Northridge_02_360	1.240	20.34	JP_2009_Shizuoca_01_EW	0.641	70.63	TW_1999_ChiChi_01_90	0.558	18.40	TW_1999_ChiChi_01_90	0.558	18.40	JP_2007_16JUL_EW	0.378	51.32
	6	US_1989_Loma Prieta_05_195	2.920	22.95	US_1989_Loma Prieta_05_195	2.920	22.95	JP_2009_Shizuoca_01_NS	0.784	64.71	US_1989_Loma Prieta_03_90	0.963	20.07	US_1989_Loma Prieta_03_90	0.963	20.07	JP_2009_Shizuoca_01_NS	1.061	60.79
	7	TW_1999_ChiChi_08_90	0.931	23.10	TW_1999_ChiChi_08_90	0.931	23.10	JP_2016_Kumamoto_01_EW	0.608	25.47	US_1989_Loma Prieta_05_195	2.515	20.18	US_1989_Loma Prieta_05_195	2.515	20.18	JP_2011_15MAR_EW	0.438	49.66

	8	US_1994_Northridge_02_90	1.185	23.50	US_1994_Northridge_02_90	1.185	23.50	JP_2016_Kumamoto_01_NS	0.759	33.62	JP_2004_Chuetsu_07_EW	0.955	20.53	JP_2004_Chuetsu_07_EW	0.955	20.53	JP_2011_Fukushima_06_EW	1.000	52.02
	9	JP_2004_Chuetsu_07_EW	0.860	23.78	JP_2004_Chuetsu_07_EW	0.860	23.78	JP_2016_Kumamoto_03_EW	0.771	26.46	US_1989_Loma Prieta_06_90	1.364	20.84	US_1989_Loma Prieta_06_90	1.364	20.84	JP_2016_Kumamoto_01_EW	0.670	24.68
	10	JP_2016_Kumamoto_06_EW	0.951	24.85	JP_2016_Kumamoto_06_EW	0.951	24.85	JP_2016_Kumamoto_06_NS	0.895	37.12	TW_1999_ChiChi_10_90	0.843	21.13	TW_1999_ChiChi_10_90	0.843	21.13	JP_2016_Kumamoto_06_EW	1.061	24.06
	11	TW_1999_ChiChi_08_360	1.166	24.87	TW_1999_ChiChi_08_360	1.166	24.87	JP_2018_Hokkaido_02_EW	0.848	28.76	US_1994_Northridge_02_90	1.333	21.69	US_1994_Northridge_02_90	1.333	21.69	JP_2016_Kumamoto_06_NS	0.768	34.53
	12	CH_2012_GO05_EW	3.337	25.28	CH_2012_GO05_EW	3.337	25.28	JP_2018_Hokkaido_04_EW	0.550	36.18	US_1989_Loma Prieta_06_0	1.030	22.40	US_1989_Loma Prieta_06_0	1.030	22.40	JP_2018_Hokkaido_02_EW	1.030	24.57
	13	US_1989_Loma Prieta_06_90	1.607	25.40	JP_2016_Kumamoto_01_EW	0.608	25.47	JP_2018_Hokkaido_04_NS	0.475	44.18	TW_1999_ChiChi_08_360	1.455	22.41	TW_1999_ChiChi_08_360	1.455	22.41	JP_2018_Hokkaido_02_NS	1.121	42.71
	14	JP_2016_Kumamoto_01_EW	0.608	25.47	JP_2016_Kumamoto_03_EW	0.771	26.46	TW_1999_ChiChi_01_90	0.570	18.60	TW_1999_ChiChi_08_90	0.925	23.10	TW_1999_ChiChi_08_90	0.925	23.10	JP_2018_Hokkaido_04_EW	0.640	33.07
	15	JP_2004_Chuetsu_06_NS	0.641	25.89	JP_2009_Shizuoca_02_EW	1.293	26.93	TW_1999_ChiChi_08_90	0.931	23.10	JP_2004_Chuetsu_06_EW	0.618	23.54	JP_2004_Chuetsu_06_EW	0.618	23.54	JP_2018_Hokkaido_04_NS	0.648	41.54
	16	JP_2016_Kumamoto_03_EW	0.771	26.46	US_1992_Petrolia_02_270	1.025	27.65	US_1989_Loma Prieta_04_0	0.692	31.69	JP_2016_Kumamoto_06_EW	1.061	24.06	JP_2016_Kumamoto_06_EW	1.061	24.06	JP_2018_Hokkaido_07_NS	0.340	50.73
	17	JP_2009_Shizuoca_02_EW	1.293	26.93	US_1994_Northridge_03_90	0.549	27.75	US_1989_Loma Prieta_05_195	2.920	22.95	JP_2009_Shizuoca_02_EW	1.576	24.26	JP_2009_Shizuoca_02_EW	1.576	24.26	TW_1999_ChiChi_01_360	0.580	29.29
	18	US_1992_Petrolia_02_270	1.025	27.65	JP_2016_Kumamoto_03_NS	0.843	28.19	US_1992_Big Bear_270	0.987	53.24	US_1994_Northridge_03_90	0.715	24.30	US_1994_Northridge_03_90	0.715	24.30	TW_1999_ChiChi_01_90	0.558	18.40
	19	US_1994_Northridge_03_90	0.549	27.75	JP_2018_Hokkaido_02_EW	0.848	28.76	US_1992_Petrolia_Aftershock_01_90	1.547	34.55	JP_2018_Hokkaido_02_EW	1.030	24.57	JP_2018_Hokkaido_02_EW	1.030	24.57	TW_1999_ChiChi_08_90	0.925	23.10
	20	JP_2016_Kumamoto_03_NS	0.843	28.19	JP_2007_Noto_02_NS	1.161	30.04	US_1994_Northridge_02_90	1.185	23.50	JP_2016_Kumamoto_01_EW	0.670	24.68	JP_2016_Kumamoto_01_EW	0.670	24.68	US_1989_Loma Prieta_05_285	1.212	26.77
MSE	1	JP_2004_Chuetsu_07_NS	1.098	7028.40	JP_2004_Chuetsu_07_NS	1.098	7028.40	CH_2012_GO05_EW	3.337	42591.19	JP_2004_Chuetsu_07_NS	1.152	6141.90	JP_2004_Chuetsu_07_NS	1.152	6141.90	CH_2012_GO05_EW	2.818	27888.32
	2	JP_2004_Chuetsu_07_EW	0.860	10846.48	JP_2004_Chuetsu_07_EW	0.860	10846.48	CH_2014_Iquique_02_EW	3.017	21493.67	JP_2004_Chuetsu_07_EW	0.910	9378.42	JP_2004_Chuetsu_07_EW	0.910	9378.42	CH_2012_GO05_NS	4.000	34621.34
	3	CH_2014_Iquique_02_EW	3.017	21493.67	CH_2014_Iquique_02_EW	3.017	21493.67	JP_1997_Kagoshima_EW	0.814	43593.10	CH_2014_Iquique_02_EW	3.455	14621.07	CH_2014_Iquique_02_EW	3.455	14621.07	CH_2014_Iquique_02_EW	3.455	14621.07
	4	TW_1999_ChiChi_08_360	1.166	22900.82	TW_1999_ChiChi_08_360	1.166	22900.82	JP_2000_Tottori_01_EW	0.945	34096.78	TW_1999_ChiChi_10_90	0.670	18713.13	TW_1999_ChiChi_10_90	0.670	18713.13	JP_2000_Tottori_01_EW	0.903	33304.33
	5	JP_2016_Kumamoto_05_EW	1.652	25314.55	JP_2016_Kumamoto_05_EW	1.652	25314.55	JP_2009_Shizuoca_01_EW	0.641	136460.96	JP_2004_14DEC_EW	0.535	20298.45	JP_2004_14DEC_EW	0.535	20298.45	JP_2000_Tottori_01_NS	0.843	68016.86
	6	TW_1999_ChiChi_08_90	0.931	26028.81	TW_1999_ChiChi_08_90	0.931	26028.81	JP_2009_Shizuoca_01_NS	0.784	103341.37	TW_1999_ChiChi_08_360	1.242	21363.30	TW_1999_ChiChi_08_360	1.242	21363.30	JP_2009_Shizuoca_01_NS	0.895	98033.65
	7	JP_2004_Chuetsu_05_EW	0.580	26763.48	JP_2004_Chuetsu_05_EW	0.580	26763.48	JP_2016_Kumamoto_01_EW	0.608	38880.18	JP_2004_Chuetsu_06_EW	0.610	21916.30	JP_2004_Chuetsu_06_EW	0.610	21916.30	JP_2016_Kumamoto_01_EW	0.708	30928.18
	8	US_1989_Loma Prieta_06_90	1.607	29200.50	JP_2009_Shizuoca_02_EW	1.293	29416.59	JP_2016_Kumamoto_01_NS	0.759	126897.27	TW_1999_ChiChi_08_90	0.850	22049.68	TW_1999_ChiChi_08_90	0.850	22049.68	JP_2016_Kumamoto_04_NS	0.933	48664.88
	9	JP_2009_Shizuoca_02_EW	1.293	29416.59	US_1994_Northridge_02_90	1.185	32180.40	JP_2016_Kumamoto_03_EW	0.771	53975.16	US_1994_Northridge_01_90	1.909	23993.20	US_1994_Northridge_01_90	1.909	23993.20	JP_2018_Hokkaido_04_NS	0.558	59488.95
	10	US_1994_Northridge_02_90	1.185	32180.40	JP_2004_Chuetsu_05_NS	0.447	32870.97	JP_2016_Kumamoto_06_NS	0.895	57070.44	JP_2016_Kumamoto_05_EW	1.727	24314.91	JP_2016_Kumamoto_05_EW	1.727	24314.91	JP_2018_Hokkaido_07_EW	0.378	66044.52
	11	JP_2004_Chuetsu_05_NS	0.447	32870.97	US_1989_Loma Prieta_05_195	2.920	35266.16	JP_2018_Hokkaido_02_EW	0.848	42136.19	JP_2004_Chuetsu_05_EW	0.603	26176.59	US_1994_Northridge_02_90	1.333	26394.51	JP_2018_Hokkaido_07_NS	0.295	72917.14
	12	JP_2000_Tottori_01_EW	0.945	34096.78	US_1989_Loma Prieta_01_0	0.777	35713.98	JP_2018_Hokkaido_04_EW	0.550	49179.26	US_1994_Northridge_02_90	1.333	26394.51	US_1989_Loma Prieta_06_90	1.515	27425.10	TW_1999_ChiChi_01_90	0.595	46125.18
	13	US_1989_Loma Prieta_05_195	2.920	35266.16	US_1989_Loma Prieta_03_90	1.297	36600.66	JP_2018_Hokkaido_04_NS	0.475	68745.04	JP_2004_Chuetsu_05_NS	0.505	27269.95	CH_2012_GO05_EW	2.818	27888.32	TW_1999_ChiChi_08_90	0.850	22049.68
	14	US_1989_Loma Prieta_01_0	0.777	35713.98	JP_2011_15MAR_NS	0.759	36803.92	TW_1999_ChiChi_01_90	0.570	46919.15	US_1989_Loma Prieta_06_90	1.515	27425.10	JP_2009_Shizuoca_02_EW	1.333	28972.92	US_1989_Loma Prieta_02_90	0.888	55571.86
	15	US_1989_Loma Prieta_03_90	1.297	36600.66	JP_2016_Kumamoto_01_EW	0.608	38880.18	TW_1999_ChiChi_08_90	0.931	26028.81	CH_2012_GO05_EW	2.818	27888.32	JP_1997_Kagoshima_EW	0.985	30458.76	US_1989_Loma Prieta_03_0	0.865	47862.67
	16	JP_2011_15MAR_NS	0.759	36803.92	TW_1999_ChiChi_10_360	1.046	39476.64	US_1989_Loma Prieta_04_0	0.692	41528.69	JP_2009_Shizuoca_02_EW	1.333	28972.92	JP_2004_Chuetsu_06_NS	0.535	30805.80	US_1989_Loma Prieta_04_0	0.738	39894.39
	17	JP_2016_Kumamoto_01_EW	0.608	38880.18	JP_2000_Tottori_05_NS	0.633	40654.24	US_1989_Loma Prieta_05_195	2.920	35266.16	JP_1997_Kagoshima_EW	0.985	30458.76	JP_2016_Kumamoto_01_EW	0.708	30928.18	US_1989_Loma Prieta_05_195	2.727	32807.60
	18	TW_1999_ChiChi_10_360	1.046	39476.64	US_1989_Loma Prieta_04_0	0.692	41528.69	US_1992_Big Bear_270	0.987	71599.00	JP_2004_Chuetsu_06_NS	0.535	30805.80	US_1989_Loma Prieta_06_0	1.242	31973.34	US_1989_Loma Prieta_05_285	1.152	56240.89
	19	JP_2000_Tottori_05_NS	0.633	40654.24	JP_2004_27OCT_02_NS	2.304	41791.63	US_1992_Petrolia_Aftershock_01_90	1.547	83898.27	JP_2016_Kumamoto_01_EW	0.708	30928.18	JP_2009_Shizuoca_03_EW	1.515	32458.30	US_1992_Big Bear_270	0.955	71070.61
	20	US_1989_Loma Prieta_04_0	0.692	41528.69	JP_2018_Hokkaido_02_EW	0.848	42136.19	US_1994_Northridge_02_90	1.185	32180.40	US_1989_Loma Prieta_06_0	1.242	31973.34	JP_2018_Hokkaido_02_EW	1.000	32539.23	US_1992_Petrolia_Aftershock_01_90	1.212	55925.29
RMS E	1	JP_2004_Chuetsu_07_NS	1.098	83.84	JP_2004_Chuetsu_07_NS	1.098	83.84	CH_2012_GO05_EW	3.337	206.38	JP_2004_Chuetsu_07_NS	1.152	78.37	JP_2004_Chuetsu_07_NS	1.152	78.37	CH_2012_GO05_EW	2.818	167.00
	2	JP_2004_Chuetsu_07_EW	0.860	104.15	JP_2004_Chuetsu_07_EW	0.860	104.15	CH_2014_Iquique_02_EW	3.017	146.61	JP_2004_Chuetsu_07_EW	0.910	96.84	JP_2004_Chuetsu_07_EW	0.910	96.84	CH_2012_GO05_NS	4.000	186.07
	3	CH_2014_Iquique_02_EW	3.017	146.61	CH_2014_Iquique_02_EW	3.017	146.61	JP_1997_Kagoshima_EW	0.814	208.79	CH_2014_Iquique_02_EW	3.455	120.92	CH_2014_Iquique_02_EW	3.455	120.92	CH_2014_Iquique_02_EW	3.455	120.92
	4	TW_1999_ChiChi_08_360	1.166	151.33	TW_1999_ChiChi_08_360	1.166	151.33	JP_2000_Tottori_01_EW	0.945	184.65	TW_1999_ChiChi_10_90	0.670	136.80	TW_1999_ChiChi_10_90	0.670	136.80	JP_2000_Tottori_01_EW	0.903	182.49
	5	JP_2016_Kumamoto_05_EW	1.652	159.11	JP_2016_Kumamoto_05_EW	1.652	159.11	JP_2009_Shizuoca_01_EW	0.641	369.41	JP_2004_14DEC_EW	0.535	142.47	JP_2004_14DEC_EW	0.535	142.47	JP_2000_Tottori_01_NS	0.843	260.80
	6	TW_1999_ChiChi_08_90	0.931	161.33	TW_1999_ChiChi_08_90	0.931	161.33	JP_2009_Shizuoca_01_NS	0.784	321.47	TW_1999_ChiChi_08_360	1.242	146.16	TW_1999_ChiChi_08_360	1.242	146.16	JP_2009_Shizuoca_01_NS	0.895	313.10

	7	JP_2004_Chuetstu_05_EW	0.58 0	163.60	JP_2004_Chuetstu_05_EW	0.58 0	163.60	JP_2016_Kumamoto_01_EW	0.60 8	197.18	JP_2004_Chuetstu_06_EW	0.61 0	148.04	JP_2004_Chuetstu_06_EW	0.61 0	148.04	JP_2016_Kumamoto_01_EW	0.70 8	175.86
	8	US_1989_Loma Prieta_06_90	1.60 7	170.88	JP_2009_Shizuoca_02_E W	1.29 3	171.51	JP_2016_Kumamoto_01_NS	0.75 9	356.23	TW_1999_ChiChi_08_90	0.85 0	148.49	TW_1999_ChiChi_08_90	0.85 0	148.49	JP_2016_Kumamoto_04_NS	0.93 3	220.60
	9	JP_2009_Shizuoca_02_E W	1.29 3	171.51	US_1994_Northridge_02_9 0	1.18 5	179.39	JP_2016_Kumamoto_03_EW	0.77 1	232.33	US_1994_Northridge_01_9 0	1.90 9	154.90	US_1994_Northridge_01_9 0	1.90 9	154.90	JP_2018_Hokkaido_04_NS	0.55 8	243.90
	10	US_1994_Northridge_02_9 0	1.18 5	179.39	JP_2004_Chuetstu_05_NS	0.44 7	181.30	JP_2016_Kumamoto_06_NS	0.89 5	238.89	JP_2016_Kumamoto_05_EW	1.72 7	155.93	JP_2016_Kumamoto_05_EW	1.72 7	155.93	JP_2018_Hokkaido_07_EW	0.37 8	256.99
	11	JP_2004_Chuetstu_05_NS	0.44 7	181.30	US_1989_Loma Prieta_05_195	2.92 0	187.79	JP_2018_Hokkaido_02_EW	0.84 8	205.27	JP_2004_Chuetstu_05_EW	0.60 3	161.79	US_1994_Northridge_02_9 0	1.33 3	162.46	JP_2018_Hokkaido_07_NS	0.29 5	270.03
	12	JP_2000_Tottori_01_EW	0.94 5	184.65	US_1989_Loma Prieta_01_0	0.77 7	188.98	JP_2018_Hokkaido_04_EW	0.55 0	221.76	US_1994_Northridge_02_9 0	1.33 3	162.46	US_1989_Loma Prieta_06_90	1.51 5	165.61	TW_1999_ChiChi_01_90	0.59 5	214.77
	13	US_1989_Loma Prieta_05_195	2.92 0	187.79	US_1989_Loma Prieta_03_90	1.29 7	191.31	JP_2018_Hokkaido_04_NS	0.47 5	262.19	JP_2004_Chuetstu_05_NS	0.50 5	165.14	CH_2012_GO05_EW	2.81 8	167.00	TW_1999_ChiChi_08_90	0.85 0	148.49
	14	US_1989_Loma Prieta_01_0	0.77 7	188.98	JP_2011_15MAR_NS	0.75 9	191.84	TW_1999_ChiChi_01_90	0.57 0	216.61	US_1989_Loma Prieta_06_90	1.51 5	165.61	JP_2009_Shizuoca_02_E W	1.33 3	170.21	US_1989_Loma Prieta_02_90	0.88 8	235.74
	15	US_1989_Loma Prieta_03_90	1.29 7	191.31	JP_2016_Kumamoto_01_EW	0.60 8	197.18	TW_1999_ChiChi_08_90	0.93 1	161.33	CH_2012_GO05_EW	2.81 8	167.00	JP_1997_Kagoshima_EW	0.98 5	174.52	US_1989_Loma Prieta_03_0	0.86 5	218.78
	16	JP_2011_15MAR_NS	0.75 9	191.84	TW_1999_ChiChi_10_360	1.04 6	198.69	US_1989_Loma Prieta_04_0	0.69 2	203.79	JP_2009_Shizuoca_02_E W	1.33 3	170.21	JP_2004_Chuetstu_06_NS	0.53 5	175.52	US_1989_Loma Prieta_04_0	0.73 8	199.74
	17	JP_2016_Kumamoto_01_EW	0.60 8	197.18	JP_2000_Tottori_05_NS	0.63 3	201.63	US_1989_Loma Prieta_05_195	2.92 0	187.79	JP_1997_Kagoshima_EW	0.98 5	174.52	JP_2016_Kumamoto_01_EW	0.70 8	175.86	US_1989_Loma Prieta_05_195	2.72 7	181.13
	18	TW_1999_ChiChi_10_360	1.04 6	198.69	US_1989_Loma Prieta_04_0	0.69 2	203.79	US_1992_Big Bear_270	0.98 7	267.58	JP_2004_Chuetstu_06_NS	0.53 5	175.52	US_1989_Loma Prieta_06_0	1.24 2	178.81	US_1989_Loma Prieta_05_285	1.15 2	237.15
	19	JP_2000_Tottori_05_NS	0.63 3	201.63	JP_2004_27OCT_02_NS	2.30 4	204.43	US_1992_Petrolia_Aftershock_01_90	1.54 7	289.65	JP_2016_Kumamoto_01_EW	0.70 8	175.86	JP_2009_Shizuoca_03_E W	1.51 5	180.16	US_1992_Big Bear_270	0.95 5	266.59
	20	US_1989_Loma Prieta_04_0	0.69 2	203.79	JP_2018_Hokkaido_02_E W	0.84 8	205.27	US_1994_Northridge_02_90	1.18 5	179.39	US_1989_Loma Prieta_06_0	1.24 2	178.81	JP_2018_Hokkaido_02_E W	1.00 0	180.39	US_1992_Petrolia_Aftershock_01_90	1.21 2	236.49

REGISTROS SELECCIONADOS CASO Ymr-I T=0.24s - TSemc-tr-475																			
Caso:		TSemc-tr-475_NSp_Sbs			TSemc-tr-475_NSp_Sci			TSemc-tr-475_NSp_Ssr			TSemc-tr-475_NSr_Sbs			TSemc-tr-475_NSr_Sci			TSemc-tr-475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2012_25AGO_EW	0.43 9	53.63	JP_2004_27OCT_03_EW	0.65 7	111.06	CH_2012_GO05_EW	2.50 7	424.79	JP_2012_25AGO_EW	0.40 8	50.22	JP_2012_25AGO_EW	0.40 8	50.22	CH_2014_Iquique_02_EW	0.82 8	117.81
	2	JP_2012_25AGO_NS	0.64 3	86.63	JP_2000_Tottori_02_NS	0.32 7	120.27	CH_2014_Iquique_02_EW	2.26 6	282.85	JP_2009_Shizuoca_01_E W	0.28 0	53.72	JP_2009_Shizuoca_01_E W	0.28 0	53.72	JP_2004_27OCT_01_EW	0.40 0	92.03
	3	JP_2009_Shizuoca_01_E W	0.48 1	95.66	PE_2012_14MAY_EW	1.84 9	151.26	JP_1997_Kagoshima_EW	0.61 2	239.68	JP_2009_Shizuoca_03_NS	0.26 5	62.49	JP_2009_Shizuoca_03_NS	0.26 5	62.49	JP_2004_Chuetstu_07_EW	0.25 0	126.36
	4	JP_2004_27OCT_03_EW	0.65 7	111.06	JP_2004_Chuetstu_04_EW	0.33 4	159.33	JP_2000_Tottori_01_EW	0.71 0	346.61	JP_2011_12APR_NS	0.43 0	62.51	JP_2011_12APR_NS	0.43 0	62.51	JP_2007_Noto_02_NS	0.25 0	150.04
	5	JP_2000_Tottori_02_NS	0.32 7	120.27	JP_2011_12APR_NS	0.80 4	163.72	JP_2009_Shizuoca_01_EW	0.48 1	95.66	JP_2000_Tottori_02_NS	0.25 0	69.77	JP_2000_Tottori_02_NS	0.25 0	69.77	JP_2009_Shizuoca_02_NS	0.28 0	154.58
	6	US_1994_Northridge_01_3 60	0.50 7	120.98	US_1989_Loma Prieta 03 0	0.47 0	164.41	JP_2011_Fukushima_04_N S	0.41 3	136.38	JP_2009_Shizuoca_01_NS	0.25 0	70.77	JP_2009_Shizuoca_01_NS	0.25 0	70.77	JP_2011_Fukushima_02_NS	0.25 0	167.26
	7	JP_2016_14APR_EW	0.60 3	133.37	CH_2014_Iquique_02_NS	2.34 0	177.88	JP_2016_Kumamoto_01_E W	0.45 7	258.49	JP_2004_27OCT_03_EW	0.39 3	71.27	JP_2004_27OCT_03_EW	0.39 3	71.27	JP_2016_14APR_EW	0.26 5	91.92
	8	JP_2018_Hokkaido_03_NS	0.38 0	135.88	JP_2004_27OCT_01_NS	0.78 8	186.21	JP_2016_Kumamoto_04_E W	0.51 9	218.35	JP_2011_19MAR_01_NS	0.32 5	71.60	JP_2000_Tottori_02_EW	0.25 0	73.00	JP_2016_14APR_NS	0.33 3	83.54
	9	JP_2011_Fukushima_04_N S	0.41 3	136.38	TW_1999_ChiChi_10_90	0.36 2	196.46	JP_2016_Kumamoto_05_E W	1.24 1	333.64	JP_2000_Tottori_02_EW	0.25 0	73.00	PE_2012_14MAY_EW	0.99 3	73.04	JP_2016_Kumamoto_04_E W	0.25 0	118.60
	10	JP_2000_Tottori_01_NS	0.43 5	142.14	JP_2011_Fukushima_04_E W	0.69 5	206.12	JP_2016_Kumamoto_06_E W	0.71 4	294.41	PE_2012_14MAY_EW	0.99 3	73.04	US_1992_Big Bear_360	0.25 0	73.30	JP_2016_Kumamoto_06_E W	0.26 5	129.19
	11	JP_2000_Tottori_02_EW	0.42 6	146.78	JP_2011_Fukushima_06_E W	0.65 2	206.77	JP_2018_Hokkaido_02_EW	0.63 7	262.60	US_1992_Big Bear_360	0.25 0	73.30	US_1992_Big Bear_270	0.25 0	73.60	JP_2018_Hokkaido_04_EW	0.25 0	155.35
	12	JP_2021_Miyagi_02_EW	0.86 0	150.30	JP_2018_Osake_NS	0.72 2	208.44	JP_2018_Hokkaido_03_EW	0.47 4	272.01	US_1992_Big Bear_270	0.25 0	73.60	JP_2012_25AGO_NS	0.44 5	74.83	JP_2018_Hokkaido_04_NS	0.25 0	168.27
	13	PE_2012_14MAY_EW	1.84 9	151.26	US_1992_Big Bear_360	0.56 0	209.99	TW_1999_ChiChi_01_360	0.51 1	439.55	JP_2012_25AGO_NS	0.44 5	74.83	JP_2004_27OCT_01_NS	0.37 0	74.83	TW_1999_ChiChi_01_360	0.25 0	187.85
	14	JP_2004_Chuetstu_04_EW	0.33 4	159.33	JP_2004_14DEC_EW	0.31 1	210.93	TW_1999_ChiChi_06_90	0.79 9	535.05	JP_2004_27OCT_01_NS	0.37 0	74.83	JP_2011_Fukushima_06_E W	0.28 8	78.03	TW_1999_ChiChi_06_360	0.25 0	161.63
	15	JP_2011_12APR_NS	0.80 4	163.72	US_1989_Loma Prieta 02 0	0.75 6	213.17	TW_1999_ChiChi_08_90	0.69 9	396.35	JP_2011_Fukushima_06_E W	0.28 8	78.03	JP_2021_Miyagi_02_EW	0.49 8	79.03	US_1989_Loma Prieta_01_0	0.25 0	127.30
	16	US_1989_Loma Prieta 03 0	0.47 0	164.41	JP_2016_Kumamoto_04_E W	0.51 9	218.35	TW_1999_ChiChi_10_90	0.36 2	196.46	JP_2021_Miyagi_02_EW	0.49 8	79.03	CH_2014_Iquique_02_NS	1.18 2	79.29	US_1989_Loma Prieta_04_0	0.25 0	128.68
	17	JP_2009_Shizuoca_01_NS	0.58 9	166.09	JP_2007_Noto_01_NS	0.41 3	219.61	US_1989_Loma Prieta 04 0	0.52 0	294.45	CH_2014_Iquique_02_NS	1.18 2	79.29	JP_2018_Osake_NS	0.32 5	79.36	US_1989_Loma Prieta 05 195	0.74 5	139.88
	18	JP_2009_Shizuoca_03_NS	0.60 3	173.30	JP_2011_12APR_EW	0.74 8	219.83	US_1989_Loma Prieta 04 90	0.81 3	439.30	JP_2018_Osake_NS	0.32 5	79.36	JP_2000_Tottori_04_EW	0.51 3	79.88	US_1992_Big Bear_360	0.25 0	73.30
	19	CH_2014_Iquique_02_NS	2.34 0	177.88	JP_2003_Miyagi_02_EW	0.74 6	225.81	US_1994_Northridge_01_9 0	1.04 2	215.26	JP_2000_Tottori_04_EW	0.51 3	79.88	JP_2018_Hokkaido_03_NS	0.25 0	82.55	US_1992_Petrolia_01_0	0.25 0	169.60

	20	JP_2004_27OCT_01_NS	0.788	186.21	JP_2008_Iwate_03_NS	0.376	227.28	US_1994_Northridge_02_360	0.932	243.65	JP_2018_Hokkaido_03_NS	0.250	82.55	JP_2016_14APR_NS	0.333	83.54	US_1994_Northridge_02_360	0.400	128.28
MAP E	1	JP_2012_25AGO_EW	0.439	128.45	JP_2003_Miyagi_02_NS	0.828	405.32	CH_2012_GO05_EW	2.507	2214.78	JP_2011_19MAR_01_NS	0.250	61.72	JP_2004_27OCT_01_EW	0.250	82.53	CH_2012_GO05_EW	0.250	206.99
	2	JP_2009_Shizuoca_01_EW	0.481	233.62	JP_2003_Miyagi_02_EW	0.746	410.99	CH_2014_Iquique_02_EW	2.266	1915.20	JP_2011_19MAR_01_EW	0.250	72.89	JP_2012_25AGO_EW	0.250	83.02	CH_2012_GO05_NS	0.250	111.81
	3	JP_2011_19MAR_01_NS	0.675	237.19	JP_2004_27OCT_01_NS	0.788	412.13	JP_1997_Kagoshima_EW	0.612	918.26	JP_2021_Miyagi_02_EW	0.250	79.10	JP_2000_Tottori_04_EW	0.250	87.31	CH_2014_Iquique_02_EW	0.250	208.17
	4	JP_2021_Miyagi_02_EW	0.860	275.47	US_1992_Big Bear_360	0.560	471.75	JP_2000_Tottori_01_EW	0.710	1210.00	JP_2004_27OCT_01_EW	0.250	82.53	JP_2009_Shizuoca_03_NS	0.250	92.85	JP_2004_27OCT_01_EW	0.250	82.53
	5	JP_2016_14APR_EW	0.603	304.68	JP_2000_Tottori_02_NS	0.327	486.34	JP_2009_Shizuoca_01_EW	0.481	233.62	JP_2012_25AGO_EW	0.250	83.02	JP_2011_19MAR_02_EW	0.250	95.93	JP_2004_Chuetasu_07_EW	0.250	566.72
	6	JP_2009_Shizuoca_03_NS	0.603	305.37	JP_2004_Chuetasu_04_EW	0.334	489.56	JP_2011_Fukushima_04_NS	0.413	510.06	JP_2016_28DEC_EW	0.250	86.40	JP_2003_Miyagi_02_NS	0.250	97.63	JP_2007_Noto_02_NS	0.250	833.89
	7	JP_2021_Miyagi_02_NS	0.472	317.20	JP_2011_12APR_NS	0.804	528.83	JP_2016_Kumamoto_01_EW	0.457	2319.12	JP_2000_Tottori_04_EW	0.250	87.31	JP_2016_14APR_EW	0.250	99.97	JP_2009_Shizuoca_02_EW	0.250	435.51
	8	JP_2009_Shizuoca_01_NS	0.589	361.59	JP_2011_Fukushima_06_EW	0.652	551.46	JP_2016_Kumamoto_04_EW	0.519	591.11	JP_2011_19MAR_02_NS	0.250	87.51	JP_2003_Miyagi_02_EW	0.250	104.55	JP_2009_Shizuoca_02_NS	0.250	531.48
	9	JP_2003_Miyagi_02_NS	0.828	405.32	JP_2004_27OCT_03_EW	0.657	569.95	JP_2016_Kumamoto_05_EW	1.241	2766.12	JP_2009_Shizuoca_03_NS	0.250	92.85	JP_2009_Shizuoca_01_EW	0.250	104.74	JP_2011_Fukushima_06_NS	0.250	205.80
	10	JP_2003_Miyagi_02_EW	0.746	410.99	JP_2016_Kumamoto_04_EW	0.519	591.11	JP_2016_Kumamoto_06_EW	0.714	2540.31	JP_2011_19MAR_02_EW	0.250	95.93	JP_2004_27OCT_01_NS	0.250	106.88	JP_2016_14APR_EW	0.250	99.97
	11	JP_2004_27OCT_01_NS	0.788	412.13	JP_2011_15MAR_EW	0.277	619.68	JP_2018_Hokkaido_02_EW	0.637	1982.92	JP_2003_Miyagi_02_NS	0.250	97.63	JP_2003_Miyagi_09_EW	0.250	113.07	JP_2016_14APR_NS	0.250	149.91
	12	JP_2016_28DEC_EW	1.268	415.98	JP_2016_28DEC_NS	1.498	655.45	JP_2018_Hokkaido_03_EW	0.474	1305.68	JP_2016_14APR_EW	0.250	99.97	JP_2009_Shizuoca_01_NS	0.250	121.95	JP_2016_Kumamoto_04_EW	0.250	255.94
	13	JP_2012_25AGO_NS	0.643	458.09	US_1989_Loma Prieta_03_0	0.470	660.48	TW_1999_ChiChi_01_360	0.511	2513.84	JP_2003_Miyagi_02_EW	0.250	104.55	JP_2004_29NOV_01_EW	0.250	130.30	JP_2018_Hokkaido_04_NS	0.250	761.78
	14	JP_2003_Miyagi_09_EW	0.795	458.68	JP_2016_14APR_NS	0.973	678.46	TW_1999_ChiChi_06_90	0.799	3447.62	JP_2009_Shizuoca_01_EW	0.250	104.74	JP_2004_29NOV_01_NS	0.250	137.07	PE_2012_14MAY_EW	0.250	121.98
	15	JP_2011_19MAR_01_EW	1.569	464.65	JP_2018_Osake_NS	0.722	693.27	TW_1999_ChiChi_08_90	0.699	1847.83	JP_2004_27OCT_01_NS	0.250	106.88	JP_2003_Miyagi_07_EW	0.250	141.39	TW_1999_ChiChi_06_360	0.250	1064.74
	16	JP_2011_19MAR_02_EW	1.045	469.04	JP_2013_25FEB_EW	0.422	700.52	TW_1999_ChiChi_10_90	0.362	1232.68	CH_2012_GO05_NS	0.250	111.81	JP_2016_14APR_NS	0.250	149.91	US_1989_Loma Prieta_04_0	0.250	631.96
	17	US_1992_Big Bear_360	0.560	471.75	JP_2011_12APR_EW	0.748	723.47	US_1989_Loma Prieta_04_0	0.520	1385.63	JP_2003_Miyagi_09_EW	0.250	113.07	JP_2000_Tottori_04_NS	0.250	153.73	US_1989_Loma Prieta_05_195	0.250	335.31
	18	JP_2000_Tottori_02_NS	0.327	486.34	JP_2000_Tottori_05_NS	0.475	752.99	US_1989_Loma Prieta_04_90	0.813	2119.79	PE_2012_14MAY_NS	0.250	114.26	JP_2011_12APR_NS	0.250	160.48	US_1992_Big Bear_360	0.250	172.43
	19	JP_2004_Chuetasu_04_EW	0.334	489.56	PE_2012_14MAY_EW	1.849	753.80	US_1994_Northridge_01_90	1.042	1302.74	JP_2013_13APR_NS	0.250	116.41	US_1992_Big Bear_360	0.250	172.43	US_1992_Petrolia_01_0	0.250	970.56
	20	JP_2011_Fukushima_04_NS	0.413	510.06	US_1992_Big Bear_270	0.741	773.89	US_1994_Northridge_02_360	0.932	2488.80	JP_2016_28DEC_NS	0.250	117.37	JP_2011_Fukushima_06_EW	0.250	176.44	US_1994_Northridge_02_360	0.250	650.67
MSE	1	JP_2012_25AGO_EW	0.439	10781.58	JP_2004_27OCT_03_EW	0.657	18527.14	CH_2012_GO05_EW	2.507	264667.85	JP_2012_25AGO_EW	0.363	7340.97	JP_2012_25AGO_EW	0.363	7340.97	JP_1997_Kagoshima_EW	0.303	23967.26
	2	JP_2004_27OCT_03_EW	0.657	18527.14	JP_2000_Tottori_02_NS	0.327	22735.54	CH_2014_Iquique_02_EW	2.266	109169.69	JP_2000_Tottori_02_NS	0.250	7584.78	JP_2000_Tottori_02_NS	0.250	7584.78	JP_2004_27OCT_03_NS	0.280	17529.06
	3	US_1994_Northridge_01_360	0.507	21876.84	PE_2012_14MAY_EW	1.849	38070.09	JP_1997_Kagoshima_EW	0.612	86575.40	JP_2009_Shizuoca_01_EW	0.333	8174.47	JP_2009_Shizuoca_01_EW	0.333	8174.47	JP_2004_Chuetasu_07_EW	0.265	27838.85
	4	JP_2000_Tottori_02_NS	0.327	22735.54	US_1989_Loma Prieta_03_0	0.470	41545.06	JP_2000_Tottori_01_EW	0.710	169785.72	JP_2004_27OCT_03_EW	0.483	8328.14	JP_2004_27OCT_03_EW	0.483	8328.14	JP_2007_Noto_02_NS	0.303	40374.66
	5	JP_2012_25AGO_NS	0.643	23391.88	JP_2004_Chuetasu_04_EW	0.334	43381.18	JP_2009_Shizuoca_01_EW	0.481	23528.12	PE_2012_14MAY_EW	1.152	11422.80	PE_2012_14MAY_EW	1.152	11422.80	JP_2009_Shizuoca_02_NS	0.423	40051.31
	6	JP_2009_Shizuoca_01_EW	0.481	23528.12	CH_2014_Iquique_02_NS	2.340	48916.31	JP_2011_Fukushima_04_NS	0.413	45814.35	JP_2018_Hokkaido_03_NS	0.250	11741.88	JP_2018_Hokkaido_03_NS	0.250	11741.88	JP_2011_12APR_EW	0.370	18640.08
	7	JP_2018_Hokkaido_03_NS	0.380	35424.50	TW_1999_ChiChi_10_90	0.362	49091.20	JP_2016_Kumamoto_01_EW	0.457	87218.14	JP_2000_Tottori_02_EW	0.258	11768.04	JP_2000_Tottori_02_EW	0.258	11768.04	JP_2016_14APR_EW	0.378	17938.23
	8	JP_2000_Tottori_01_NS	0.435	36838.44	JP_2018_Osake_NS	0.722	58524.13	JP_2016_Kumamoto_04_EW	0.519	81369.73	JP_2012_25AGO_NS	0.468	12927.93	JP_2012_25AGO_NS	0.468	12927.93	JP_2016_Kumamoto_04_EW	0.265	24430.76
	9	PE_2012_14MAY_EW	1.849	38070.09	JP_2004_14DEC_EW	0.311	62742.51	JP_2016_Kumamoto_05_EW	1.241	145477.34	JP_2011_12APR_NS	0.415	13352.66	JP_2011_12APR_NS	0.415	13352.66	JP_2016_Kumamoto_06_EW	0.318	27135.52
	10	JP_2016_14APR_EW	0.603	40827.79	JP_2011_Fukushima_06_EW	0.652	69140.77	JP_2016_Kumamoto_06_EW	0.714	115722.87	JP_2018_Osake_NS	0.400	13449.71	JP_2018_Osake_NS	0.400	13449.71	JP_2018_Hokkaido_04_EW	0.250	39978.12
	11	US_1989_Loma Prieta_03_0	0.470	41545.06	JP_2004_27OCT_01_NS	0.788	71126.95	JP_2018_Hokkaido_02_EW	0.637	96336.05	JP_2009_Shizuoca_01_NS	0.325	13659.04	JP_2009_Shizuoca_01_NS	0.325	13659.04	JP_2018_Hokkaido_04_NS	0.250	48569.22
	12	JP_2000_Tottori_02_EW	0.426	43062.66	US_1989_Loma Prieta_02_0	0.756	71129.68	JP_2018_Hokkaido_03_EW	0.474	130499.20	CH_2014_Iquique_02_NS	1.364	13882.95	CH_2014_Iquique_02_NS	1.364	13882.95	TW_1999_ChiChi_01_360	0.250	54054.97
	13	JP_2004_Chuetasu_04_EW	0.334	43381.18	JP_2011_12APR_NS	0.804	75135.53	TW_1999_ChiChi_01_360	0.511	263640.99	JP_2009_Shizuoca_03_NS	0.318	15016.29	JP_2011_Fukushima_06_EW	0.348	15088.66	TW_1999_ChiChi_04_90	0.370	43430.18
	14	JP_2011_Fukushima_04_NS	0.413	45814.35	JP_2016_Kumamoto_03_EW	0.579	77582.86	TW_1999_ChiChi_06_90	0.799	407835.84	JP_2011_Fukushima_06_EW	0.348	15088.66	JP_2004_Chuetasu_04_EW	0.250	15158.94	TW_1999_ChiChi_06_360	0.250	44102.54
	15	CH_2014_Iquique_02_NS	2.340	48916.31	JP_2007_Noto_01_NS	0.413	78389.97	TW_1999_ChiChi_08_90	0.699	211261.53	JP_2004_Chuetasu_04_EW	0.250	15158.94	US_1989_Loma Prieta_03_0	0.295	15367.16	US_1989_Loma Prieta_01_0	0.250	27099.04
	16	TW_1999_ChiChi_10_90	0.362	49091.20	US_1994_Northridge_03_90	0.412	81098.38	TW_1999_ChiChi_10_90	0.362	49091.20	US_1989_Loma Prieta_03_0	0.295	15367.16	US_1992_Big Bear_360	0.280	15845.24	US_1989_Loma Prieta_04_0	0.250	26881.56
	17	JP_2018_Osake_NS	0.722	58524.13	JP_2016_Kumamoto_04_EW	0.519	81369.73	US_1989_Loma Prieta_04_0	0.520	122742.87	JP_2021_Miyagi_02_EW	0.468	15803.01	US_1989_Loma Prieta_02_0	0.400	16105.02	US_1989_Loma Prieta_05_195	0.790	34676.54
	18	JP_2009_Shizuoca_01_NS	0.589	61220.00	JP_2004_27OCT_03_NS	0.559	82957.27	US_1989_Loma Prieta_04_90	0.813	302085.64	US_1992_Big Bear_360	0.280	15845.24	JP_2000_Tottori_01_NS	0.280	16178.14	US_1992_Big Bear_270	0.325	18590.22

	19	JP_2004_14DEC_EW	0.311	62742.51	JP_2011_Fukushima_04_EW	0.695	83892.19	US_1994_Northridge_01_90	1.042	64383.86	US_1989_Loma Prieta_02_0	0.400	16105.02	JP_2016_Kumamoto_03_EW	0.295	16561.67	US_1992_Petrolia_01_0	0.250	51512.95
	20	JP_2021_Miyagi_02_EW	0.860	63605.82	US_1994_Northridge_02_360	0.932	84225.06	US_1994_Northridge_02_360	0.932	84225.06	JP_2000_Tottori_01_NS	0.280	16178.14	US_1994_Northridge_01_360	0.400	16622.50	US_1994_Northridge_02_360	0.468	26959.32
RMS E	1	JP_2012_25AGO_EW	0.439	103.83	JP_2004_27OCT_03_EW	0.657	136.11	CH_2012_GO05_EW	2.507	514.46	JP_2012_25AGO_EW	0.363	85.68	JP_2012_25AGO_EW	0.363	85.68	JP_1997_Kagoshima_EW	0.303	154.81
	2	JP_2004_27OCT_03_EW	0.657	136.11	JP_2000_Tottori_02_NS	0.327	150.78	CH_2014_Iquique_02_EW	2.266	330.41	JP_2000_Tottori_02_NS	0.250	87.09	JP_2000_Tottori_02_NS	0.250	87.09	JP_2004_27OCT_03_NS	0.280	132.40
	3	US_1994_Northridge_01_360	0.507	147.91	PE_2012_14MAY_EW	1.849	195.12	JP_1997_Kagoshima_EW	0.612	294.24	JP_2009_Shizuoca_01_EW	0.333	90.41	JP_2009_Shizuoca_01_EW	0.333	90.41	JP_2004_Chuetasu_07_EW	0.265	166.85
	4	JP_2000_Tottori_02_NS	0.327	150.78	US_1989_Loma Prieta_03_0	0.470	203.83	JP_2000_Tottori_01_EW	0.710	412.05	JP_2004_27OCT_03_EW	0.483	91.26	JP_2004_27OCT_03_EW	0.483	91.26	JP_2007_Noto_02_NS	0.303	200.93
	5	JP_2012_25AGO_NS	0.643	152.94	JP_2004_Chuetasu_04_EW	0.334	208.28	JP_2009_Shizuoca_01_EW	0.481	153.39	PE_2012_14MAY_EW	1.152	106.88	PE_2012_14MAY_EW	1.152	106.88	JP_2009_Shizuoca_02_NS	0.423	200.13
	6	JP_2009_Shizuoca_01_EW	0.481	153.39	CH_2014_Iquique_02_NS	2.340	221.17	JP_2011_Fukushima_04_NS	0.413	214.04	JP_2018_Hokkaido_03_NS	0.250	108.36	JP_2018_Hokkaido_03_NS	0.250	108.36	JP_2011_12APR_EW	0.370	136.53
	7	JP_2018_Hokkaido_03_NS	0.380	188.21	TW_1999_ChiChi_10_90	0.362	221.57	JP_2016_Kumamoto_01_EW	0.457	295.33	JP_2000_Tottori_02_EW	0.258	108.48	JP_2000_Tottori_02_EW	0.258	108.48	JP_2016_14APR_EW	0.378	133.93
	8	JP_2000_Tottori_01_NS	0.435	191.93	JP_2018_Osake_NS	0.722	241.92	JP_2016_Kumamoto_04_EW	0.519	285.25	JP_2012_25AGO_NS	0.468	113.70	JP_2012_25AGO_NS	0.468	113.70	JP_2016_Kumamoto_04_EW	0.265	156.30
	9	PE_2012_14MAY_EW	1.849	195.12	JP_2004_14DEC_EW	0.311	250.48	JP_2016_Kumamoto_05_EW	1.241	381.41	JP_2011_12APR_NS	0.415	115.55	JP_2011_12APR_NS	0.415	115.55	JP_2016_Kumamoto_06_EW	0.318	164.73
	10	JP_2016_14APR_EW	0.603	202.06	JP_2011_Fukushima_06_EW	0.652	262.95	JP_2016_Kumamoto_06_EW	0.714	340.18	JP_2018_Osake_NS	0.400	115.97	JP_2018_Osake_NS	0.400	115.97	JP_2018_Hokkaido_04_EW	0.250	199.95
	11	US_1989_Loma Prieta_03_0	0.470	203.83	JP_2004_27OCT_01_NS	0.788	266.70	JP_2018_Hokkaido_02_EW	0.637	310.38	JP_2009_Shizuoca_01_NS	0.325	116.87	JP_2009_Shizuoca_01_NS	0.325	116.87	JP_2018_Hokkaido_04_NS	0.250	220.38
	12	JP_2000_Tottori_02_EW	0.426	207.52	US_1989_Loma Prieta_02_0	0.756	266.70	JP_2018_Hokkaido_03_EW	0.474	361.25	CH_2014_Iquique_02_NS	1.364	117.83	CH_2014_Iquique_02_NS	1.364	117.83	TW_1999_ChiChi_01_360	0.250	232.50
	13	JP_2004_Chuetasu_04_EW	0.334	208.28	JP_2011_12APR_NS	0.804	274.11	TW_1999_ChiChi_01_360	0.511	513.46	JP_2009_Shizuoca_03_NS	0.318	122.54	JP_2011_Fukushima_06_EW	0.348	122.84	TW_1999_ChiChi_04_90	0.370	208.40
	14	JP_2011_Fukushima_04_NS	0.413	214.04	JP_2016_Kumamoto_03_EW	0.579	278.54	TW_1999_ChiChi_06_90	0.799	638.62	JP_2011_Fukushima_06_EW	0.348	122.84	JP_2004_Chuetasu_04_EW	0.250	123.12	TW_1999_ChiChi_06_360	0.250	210.01
	15	CH_2014_Iquique_02_NS	2.340	221.17	JP_2007_Noto_01_NS	0.413	279.98	TW_1999_ChiChi_08_90	0.699	459.63	JP_2004_Chuetasu_04_EW	0.250	123.12	US_1989_Loma Prieta_03_0	0.295	123.96	US_1989_Loma Prieta_01_0	0.250	164.62
	16	TW_1999_ChiChi_10_90	0.362	221.57	US_1994_Northridge_03_90	0.412	284.78	TW_1999_ChiChi_10_90	0.362	221.57	US_1989_Loma Prieta_03_0	0.295	123.96	US_1992_Big Bear_360	0.280	125.88	US_1989_Loma Prieta_04_0	0.250	163.96
	17	JP_2018_Osake_NS	0.722	241.92	JP_2016_Kumamoto_04_EW	0.519	285.25	US_1989_Loma Prieta_04_0	0.520	350.35	JP_2021_Miyagi_02_EW	0.468	125.71	US_1989_Loma Prieta_02_0	0.400	126.91	US_1989_Loma Prieta_05_195	0.790	186.22
	18	JP_2009_Shizuoca_01_NS	0.589	247.43	JP_2004_27OCT_03_NS	0.559	288.02	US_1989_Loma Prieta_04_90	0.813	549.62	US_1992_Big Bear_360	0.280	125.88	JP_2000_Tottori_01_NS	0.280	127.19	US_1992_Big Bear_270	0.325	136.35
	19	JP_2004_14DEC_EW	0.311	250.48	JP_2011_Fukushima_04_EW	0.695	289.64	US_1994_Northridge_01_90	1.042	253.74	US_1989_Loma Prieta_02_0	0.400	126.91	JP_2016_Kumamoto_03_EW	0.295	128.69	US_1992_Petrolia_01_0	0.250	226.96
	20	JP_2021_Miyagi_02_EW	0.860	252.20	US_1994_Northridge_02_360	0.932	290.22	US_1994_Northridge_02_360	0.932	290.22	JP_2000_Tottori_01_NS	0.280	127.19	US_1994_Northridge_01_360	0.400	128.93	US_1994_Northridge_02_360	0.468	164.19

REGISTROS SELECCIONADOS CASO Ymr-I T=0.24s - TSemc-tr-975																			
Caso:		TSemc-tr-975_NSp_Sbs			TSemc-tr-975_NSp_Sci			TSemc-tr-975_NSp_Ssr			TSemc-tr-975_NSr_Sbs			TSemc-tr-975_NSr_Sci			TSemc-tr-975_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2012_25AGO_EW	0.550	70.73	JP_2004_27OCT_03_EW	0.824	146.01	CH_2012_GO05_EW	3.145	539.67	JP_2012_25AGO_EW	0.490	63.76	JP_2009_Shizuoca_01_EW	0.340	67.50	CH_2012_GO05_EW	0.633	141.54
	2	JP_2012_25AGO_NS	0.807	112.47	JP_2000_Tottori_02_NS	0.410	157.64	CH_2014_Iquique_02_EW	2.843	361.60	JP_2009_Shizuoca_01_EW	0.340	67.50	JP_2000_Tottori_02_NS	0.250	75.40	JP_2004_Chuetasu_07_EW	0.250	152.36
	3	JP_2009_Shizuoca_01_EW	0.604	126.11	JP_2013_25FEB_NS	0.281	175.33	JP_1997_Kagoshima_EW	0.768	307.44	JP_2000_Tottori_02_NS	0.250	75.40	JP_2011_12APR_NS	0.520	78.16	JP_2007_Noto_02_NS	0.288	184.64
	4	JP_2004_27OCT_03_EW	0.824	146.01	PE_2012_14MAY_EW	2.320	196.18	JP_2000_Tottori_01_EW	0.890	441.60	JP_2011_12APR_NS	0.520	78.16	JP_2009_Shizuoca_03_NS	0.325	78.34	JP_2009_Shizuoca_02_NS	0.333	190.74
	5	US_1994_Northridge_01_360	0.636	156.34	JP_2004_Chuetasu_04_EW	0.419	206.65	JP_2000_Tottori_02_NS	0.410	157.64	JP_2009_Shizuoca_03_NS	0.325	78.34	US_1992_Big Bear_360	0.273	86.64	JP_2011_12APR_EW	0.370	106.25
	6	JP_2000_Tottori_02_NS	0.410	157.64	JP_2011_12APR_NS	1.009	212.15	JP_2009_Shizuoca_01_EW	0.604	126.11	US_1992_Big Bear_360	0.273	86.64	JP_2009_Shizuoca_01_NS	0.303	88.04	JP_2011_Fukushima_02_NS	0.250	205.04
	7	JP_2008_Iwate_02_NS	0.282	171.61	US_1989_Loma Prieta_03_0	0.590	212.30	JP_2009_Shizuoca_01_NS	0.739	215.13	JP_2009_Shizuoca_01_NS	0.303	88.04	JP_2018_Osake_EW	0.250	88.45	JP_2016_14APR_EW	0.310	116.12
	8	JP_2016_14APR_EW	0.757	171.66	CH_2014_Iquique_02_NS	2.936	229.92	JP_2016_14APR_EW	0.757	171.66	JP_2018_Osake_EW	0.250	88.45	JP_2000_Tottori_02_EW	0.258	88.60	JP_2016_Kumamoto_01_EW	0.250	149.64
	9	JP_2011_Fukushima_04_NS	0.518	175.28	JP_2004_27OCT_01_NS	0.989	240.28	JP_2016_Kumamoto_01_EW	0.573	331.05	JP_2000_Tottori_02_EW	0.258	88.60	JP_2004_27OCT_03_EW	0.475	90.95	JP_2016_Kumamoto_04_EW	0.250	143.08
	10	JP_2013_25FEB_NS	0.281	175.33	TW_1999_ChiChi_10_90	0.454	252.48	JP_2016_Kumamoto_03_EW	0.727	316.48	JP_2011_19MAR_01_NS	0.393	90.46	PE_2012_14MAY_EW	1.182	91.76	JP_2016_Kumamoto_06_EW	0.310	160.39
	11	JP_2018_Hokkaido_03_NS	0.476	176.57	JP_2011_Fukushima_04_EW	0.872	264.69	JP_2016_Kumamoto_04_EW	0.651	280.03	JP_2004_27OCT_03_EW	0.475	90.95	US_1992_Big Bear_270	0.303	93.01	JP_2018_Hokkaido_04_EW	0.250	174.82

	1 2	JP_2000_Tottori_01_NS	0.54 6	183.50	JP_2011_Fukushima_06_EW	0.81 8	266.17	JP_2016_Kumamoto_06_NS	0.84 3	376.70	PE_2012_14MAY_EW	1.18 2	91.76	JP_2012_25AGO_NS	0.55 0	93.58	JP_2018_Hokkaido_04_NS	0.25 0	192.11
	1 3	JP_2000_Tottori_02_EW	0.53 5	190.91	JP_2018_Osake_NS	0.90 5	268.25	JP_2018_Hokkaido_02_EW	0.79 9	336.11	US_1992_Big Bear_270	0.30 3	93.01	JP_2004_27OCT_01_NS	0.42 3	95.07	TW_1999_ChiChi_01_360	0.25 0	210.14
	1 4	JP_2021_Miyagi_02_EW	1.07 8	195.32	US_1992_Big Bear_360	0.70 2	269.55	JP_2018_Hokkaido_04_EW	0.51 8	345.98	JP_2012_25AGO_NS	0.55 0	93.58	JP_2004_Chuettsu_04_EW	0.25 0	95.50	TW_1999_ChiChi_06_360	0.25 0	194.14
	1 5	PE_2012_14MAY_EW	2.32 0	196.18	JP_2004_14DEC_EW	0.39 0	271.38	JP_2018_Hokkaido_04_NS	0.44 7	308.31	JP_2004_27OCT_01_NS	0.42 3	95.07	JP_2018_Hokkaido_03_NS	0.25 0	98.27	TW_1999_ChiChi_08_360	0.42 3	140.01
	1 6	JP_2004_Chuettsu_04_EW	0.41 9	206.65	US_1989_Loma Prieta_02_0	0.94 9	274.10	TW_1999_ChiChi_01_360	0.64 2	558.19	JP_2004_Chuettsu_04_EW	0.25 0	95.50	JP_2011_Fukushima_06_EW	0.34 8	98.66	US_1989_Loma Prieta_01_0	0.25 0	151.39
	1 7	JP_2011_12APR_NS	1.00 9	212.15	JP_2016_Kumamoto_04_EW	0.65 1	280.03	TW_1999_ChiChi_01_90	0.53 7	385.16	JP_2018_Hokkaido_03_NS	0.25 0	98.27	JP_2021_Miyagi_02_EW	0.60 3	99.01	US_1989_Loma Prieta_04_0	0.25 0	142.87
	1 8	US_1989_Loma Prieta_03_0	0.59 0	212.30	JP_2007_Noto_01_NS	0.51 8	282.28	TW_1999_ChiChi_08_90	0.87 7	503.99	JP_2011_Fukushima_06_EW	0.34 8	98.66	JP_2000_Tottori_04_EW	0.62 5	100.67	US_1992_Big Bear_360	0.27 3	86.64
	1 9	JP_2009_Shizuoca_01_NS	0.73 9	215.13	JP_2011_12APR_EW	0.93 9	282.55	US_1992_Big Bear_270	0.93 0	345.93	JP_2021_Miyagi_02_EW	0.60 3	99.01	JP_2018_Osake_NS	0.39 3	100.72	US_1992_Petrolia_01_0	0.25 0	202.41
	2 0	JP_2009_Shizuoca_03_NS	0.75 7	224.09	JP_2003_Miyagi_02_EW	0.93 6	290.05	US_1994_Northridge_02_90	1.11 6	371.08	JP_2000_Tottori_04_EW	0.62 5	100.67	CH_2014_Iquique_02_NS	1.42 4	100.87	US_1994_Northridge_02_360	0.49 0	159.55
MAP E	1	JP_2012_25AGO_EW	0.55 0	154.29	JP_2013_25FEB_NS	0.28 1	341.81	CH_2012_GO05_EW	3.14 5	2564.63	JP_2011_19MAR_01_NS	0.25 0	63.76	JP_2004_27OCT_01_EW	0.25 0	85.47	CH_2012_GO05_EW	0.25 0	197.90
	2	JP_2011_19MAR_01_NS	0.84 7	273.29	JP_2003_Miyagi_02_NS	1.03 9	462.61	CH_2014_Iquique_02_EW	2.84 3	2222.80	JP_2011_19MAR_01_EW	0.25 0	73.50	JP_2012_25AGO_EW	0.25 0	86.20	CH_2012_GO05_NS	0.25 0	111.11
	3	JP_2009_Shizuoca_01_EW	0.60 4	275.87	JP_2003_Miyagi_02_EW	0.93 6	471.49	JP_1997_Kagoshima_EW	0.76 8	1055.31	JP_2021_Miyagi_02_EW	0.25 0	79.95	JP_2009_Shizuoca_03_NS	0.25 0	89.46	CH_2014_Iquique_02_EW	0.25 0	196.98
	4	JP_2021_Miyagi_02_EW	1.07 8	320.73	JP_2004_27OCT_01_NS	0.98 9	476.64	JP_2000_Tottori_01_EW	0.89 0	1397.94	JP_2016_28DEC_EW	0.25 0	84.82	JP_2000_Tottori_04_EW	0.25 0	89.87	JP_2004_27OCT_01_EW	0.25 0	85.47
	5	JP_2013_25FEB_NS	0.28 1	341.81	US_1992_Big Bear_360	0.70 2	542.61	JP_2000_Tottori_02_NS	0.41 0	568.49	JP_2004_27OCT_01_EW	0.25 0	85.47	JP_2016_14APR_EW	0.25 0	90.30	JP_2004_Chuettsu_07_EW	0.25 0	517.98
	6	JP_2008_Iwate_02_NS	0.28 2	346.44	JP_2000_Tottori_02_NS	0.41 0	568.49	JP_2009_Shizuoca_01_EW	0.60 4	275.87	JP_2012_25AGO_EW	0.25 0	86.20	JP_2003_Miyagi_02_NS	0.25 0	91.99	JP_2007_Noto_02_NS	0.25 0	768.26
	7	JP_2016_14APR_EW	0.75 7	352.45	JP_2004_Chuettsu_04_EW	0.41 9	570.09	JP_2009_Shizuoca_01_NS	0.73 9	419.07	JP_2011_19MAR_02_NS	0.25 0	89.25	JP_2011_19MAR_02_EW	0.25 0	93.29	JP_2009_Shizuoca_02_EW	0.25 0	402.06
	8	JP_2009_Shizuoca_03_NS	0.75 7	354.28	JP_2011_12APR_NS	1.00 9	620.05	JP_2016_14APR_EW	0.75 7	352.45	JP_2009_Shizuoca_03_NS	0.25 0	89.46	JP_2003_Miyagi_02_EW	0.25 0	98.12	JP_2009_Shizuoca_02_NS	0.25 0	490.28
	9	JP_2021_Miyagi_02_NS	0.59 2	361.47	JP_2011_Fukushima_06_EW	0.81 8	637.27	JP_2016_Kumamoto_01_EW	0.57 3	2692.46	JP_2000_Tottori_04_EW	0.25 0	89.87	JP_2003_Miyagi_09_EW	0.25 0	103.36	JP_2011_Fukushima_06_NS	0.25 0	189.18
	1 0	JP_2009_Shizuoca_01_NS	0.73 9	419.07	JP_2004_27OCT_03_EW	0.82 4	663.57	JP_2016_Kumamoto_03_EW	0.72 7	3359.99	JP_2016_14APR_EW	0.25 0	90.30	JP_2009_Shizuoca_01_EW	0.25 0	103.60	JP_2016_14APR_EW	0.25 0	90.30
	1 1	JP_2003_Miyagi_02_NS	1.03 9	462.61	JP_2016_Kumamoto_04_EW	0.65 1	675.19	JP_2016_Kumamoto_04_EW	0.65 1	675.19	JP_2003_Miyagi_02_NS	0.25 0	91.99	JP_2004_27OCT_01_NS	0.25 0	103.87	JP_2016_14APR_NS	0.25 0	146.43
	1 2	JP_2003_Miyagi_02_EW	0.93 6	471.49	JP_2011_15MAR_EW	0.34 7	702.95	JP_2016_Kumamoto_06_NS	0.84 3	3784.68	JP_2011_19MAR_02_EW	0.25 0	93.29	JP_2009_Shizuoca_01_NS	0.25 0	113.08	JP_2016_Kumamoto_04_EW	0.25 0	228.51
	1 3	JP_2016_28DEC_EW	1.59 1	476.10	JP_2016_28DEC_NS	1.87 9	756.71	JP_2018_Hokkaido_02_EW	0.79 9	2297.90	JP_2003_Miyagi_02_EW	0.25 0	98.12	JP_2004_29NOV_01_EW	0.25 0	121.55	JP_2018_Hokkaido_04_NS	0.25 0	690.63
	1 4	JP_2004_27OCT_01_NS	0.98 9	476.64	US_1989_Loma Prieta_03_0	0.59 0	761.36	JP_2018_Hokkaido_04_EW	0.51 8	1290.66	JP_2003_Miyagi_09_EW	0.25 0	103.36	JP_2004_29NOV_01_NS	0.25 0	132.79	PE_2012_14MAY_EW	0.25 0	121.25
	1 5	JP_2011_19MAR_01_EW	1.96 8	522.42	JP_2016_14APR_NS	1.22 0	788.30	JP_2018_Hokkaido_04_NS	0.44 7	1273.41	JP_2009_Shizuoca_01_EW	0.25 0	103.60	JP_2003_Miyagi_07_EW	0.25 0	135.02	TW_1999_ChiChi_06_360	0.25 0	979.32
	1 6	JP_2003_Miyagi_09_EW	0.99 7	523.27	JP_2018_Osake_NS	0.90 5	799.47	TW_1999_ChiChi_01_360	0.64 2	2890.88	JP_2004_27OCT_01_NS	0.25 0	103.87	JP_2000_Tottori_04_NS	0.25 0	141.62	US_1989_Loma Prieta_04_0	0.25 0	575.55
	1 7	JP_2011_19MAR_02_EW	1.31 1	539.15	JP_2013_25FEB_EW	0.52 9	809.95	TW_1999_ChiChi_01_90	0.53 7	3042.62	JP_2003_Miyagi_09_NS	0.25 0	109.96	JP_2016_14APR_NS	0.25 0	146.43	US_1989_Loma Prieta_05_195	0.25 0	312.22
	1 8	JP_2012_25AGO_NS	0.80 7	540.33	JP_2011_12APR_EW	0.93 9	840.29	TW_1999_ChiChi_08_90	0.87 7	2125.05	CH_2012_GO05_NS	0.25 0	111.11	US_1992_Big Bear_360	0.25 0	154.71	US_1992_Big Bear_360	0.25 0	154.71
	1 9	US_1992_Big Bear_360	0.70 2	542.61	JP_2000_Tottori_05_NS	0.59 7	864.98	US_1992_Big Bear_270	0.93 0	893.89	JP_2009_Shizuoca_01_NS	0.25 0	113.08	JP_2011_12APR_NS	0.25 0	159.34	US_1992_Petrolia_01_0	0.25 0	893.49
	2 0	JP_2000_Tottori_02_NS	0.41 0	568.49	PE_2012_14MAY_EW	2.32 0	877.51	US_1994_Northridge_02_90	1.11 6	2248.29	PE_2012_14MAY_NS	0.25 0	113.44	JP_2011_Fukushima_06_EW	0.25 0	162.31	US_1994_Northridge_02_360	0.25 0	606.68
MSE	1	JP_2012_25AGO_EW	0.55 0	18173.20	JP_2004_27OCT_03_EW	0.82 4	31792.74	CH_2012_GO05_EW	3.14 5	426296.01	JP_2000_Tottori_02_NS	0.28 0	11162.66	JP_2000_Tottori_02_NS	0.28 0	11162.66	CH_2014_Iquique_02_EW	1.27 3	40010.39
	2	JP_2004_27OCT_03_EW	0.82 4	31792.74	JP_2000_Tottori_02_NS	0.41 0	38685.61	CH_2014_Iquique_02_EW	2.84 3	177832.71	JP_2012_25AGO_EW	0.44 5	11833.04	JP_2012_25AGO_EW	0.44 5	11833.04	JP_1997_Kagoshima_EW	0.37 0	38236.18
	3	US_1994_Northridge_01_360	0.63 6	36130.61	PE_2012_14MAY_EW	2.32 0	63298.73	JP_1997_Kagoshima_EW	0.76 8	141360.84	JP_2009_Shizuoca_01_EW	0.40 8	13302.07	JP_2009_Shizuoca_01_EW	0.40 8	13302.07	JP_2009_Shizuoca_02_NS	0.51 3	62602.96
	4	JP_2000_Tottori_02_NS	0.41 0	38685.61	JP_2013_25FEB_NS	0.28 1	67650.41	JP_2000_Tottori_01_EW	0.89 0	275503.18	JP_2004_27OCT_03_EW	0.59 5	13944.93	JP_2004_27OCT_03_EW	0.59 5	13944.93	JP_2011_Fukushima_06_EW	0.42 3	24589.37
	5	JP_2012_25AGO_NS	0.80 7	38706.87	US_1989_Loma Prieta_03_0	0.59 0	68971.80	JP_2000_Tottori_02_NS	0.41 0	38685.61	JP_2004_Chuettsu_04_EW	0.25 0	17665.73	JP_2004_Chuettsu_04_EW	0.25 0	17665.73	JP_2011_Fukushima_06_NS	0.44 5	49142.72
	6	JP_2009_Shizuoca_01_EW	0.60 4	39464.92	JP_2004_Chuettsu_04_EW	0.41 9	72203.35	JP_2009_Shizuoca_01_EW	0.60 4	39464.92	PE_2012_14MAY_EW	1.42 4	18572.13	PE_2012_14MAY_EW	1.42 4	18572.13	JP_2013_25FEB_EW	0.25 0	35682.76
	7	JP_2008_Iwate_02_NS	0.28 2	51654.87	CH_2014_Iquique_02_NS	2.93 6	81346.30	JP_2009_Shizuoca_01_NS	0.73 9	100311.81	JP_2018_Hokkaido_03_NS	0.29 5	18707.20	JP_2018_Hokkaido_03_NS	0.29 5	18707.20	JP_2016_14APR_EW	0.46 8	28728.60
	8	JP_2018_Hokkaido_03_NS	0.47 6	58580.43	TW_1999_ChiChi_10_90	0.45 4	81407.63	JP_2016_14APR_EW	0.75 7	67421.46	JP_2000_Tottori_02_EW	0.31 8	19303.24	JP_2000_Tottori_02_EW	0.31 8	19303.24	JP_2016_14APR_NS	0.53 5	35899.33
	9	JP_2000_Tottori_01_NS	0.54 6	61204.04	JP_2018_Osake_NS	0.90 5	96812.78	JP_2016_Kumamoto_01_EW	0.57 3	141922.41	JP_2012_25AGO_NS	0.57 3	20595.51	JP_2012_25AGO_NS	0.57 3	20595.51	JP_2016_Kumamoto_01_EW	0.28 0	37027.01
	1 0	PE_2012_14MAY_EW	2.32 0	63298.73	JP_2004_14DEC_EW	0.39 0	103512.05	JP_2016_Kumamoto_03_EW	0.72 7	127015.03	JP_2011_12APR_NS	0.51 3	21264.24	JP_2011_12APR_NS	0.51 3	21264.24	JP_2016_Kumamoto_04_EW	0.32 5	38829.56

	1 1	JP_2016_14APR_EW	0.75 7	67421.46	JP_2011_Fukushima_06_ EW	0.81 8	113927.6 7	JP_2016_Kumamoto_04_ EW	0.65 1	132704.5 3	JP_2009_Shizuoca_01_N S	0.40 0	21875.0 7	JP_2009_Shizuoca_01_N S	0.40 0	21875.0 7	JP_2018_Hokkaido_02_EW	0.37 0	43300.4 9
	1 2	JP_2013_25FEB_NS	0.28 1	67650.41	JP_2004_27OCT_01_NS	0.98 9	117088.9 7	JP_2016_Kumamoto_06_ NS	0.84 3	187540.4 8	JP_2018_Osake_NS	0.49 8	22005.8 8	JP_2018_Osake_NS	0.49 8	22005.8 8	JP_2018_Hokkaido_04_EW	0.25 0	51311.2 0
	1 3	US_1989_Loma Prieta_03_0	0.59 0	68971.80	US_1989_Loma Prieta_02_0	0.94 9	117097.6 8	JP_2018_Hokkaido_02_E W	0.79 9	156195.3 6	CH_2014_Iquique_02_NS	1.69 7	22736.1 0	CH_2014_Iquique_02_NS	1.69 7	22736.1 0	JP_2018_Hokkaido_04_NS	0.25 0	58713.3 4
	1 4	JP_2000_Tottori_02_EW	0.53 5	71709.12	JP_2011_12APR_NS	1.00 9	122451.4 6	JP_2018_Hokkaido_04_E W	0.51 8	197697.5 2	JP_2007_Noto_01_NS	0.25 8	23935.5 1	JP_2007_Noto_01_NS	0.25 8	23935.5 1	PE_2012_14MAY_NS	2.33 3	33931.7 0
	1 5	JP_2004_Chuetzu_04_E W	0.41 9	72203.35	JP_2016_Kumamoto_03_ EW	0.72 7	127015.0 3	JP_2018_Hokkaido_04_N S	0.44 7	167857.8 8	JP_2009_Shizuoca_03_N S	0.39 3	24253.4 6	JP_2011_Fukushima_06_ EW	0.42 3	24589.3 7	TW_1999_ChiChi_01_360	0.25 0	66799.5 6
	1 6	JP_2011_Fukushima_04_ NS	0.51 8	74654.86	JP_2007_Noto_01_NS	0.51 8	128933.0 7	TW_1999_ChiChi_01_360	0.64 2	422544.6 9	JP_2011_Fukushima_06_ EW	0.42 3	24589.3 7	US_1989_Loma Prieta_03_0	0.35 5	24862.4 4	TW_1999_ChiChi_06_360	0.28 8	68584.6 2
	1 7	CH_2014_Iquique_02_NS	2.93 6	81346.30	US_1994_Northridge_03_ 90	0.51 7	131784.0 0	TW_1999_ChiChi_01_90	0.53 7	218109.0 0	US_1989_Loma Prieta_03_0	0.35 5	24862.4 4	US_1992_Big Bear_360	0.34 8	25491.1 1	US_1992_Petrolia_01_0	0.26 5	78884.6 1
	1 8	TW_1999_ChiChi_10_90	0.45 4	81407.63	JP_2016_Kumamoto_04_ EW	0.65 1	132704.5 3	TW_1999_ChiChi_08_90	0.87 7	340697.7 7	JP_2021_Miyagi_02_EW	0.58 0	25424.8 4	JP_2000_Tottori_01_NS	0.34 8	26110.3 9	US_1992_Petrolia_Aftershock_01 90	0.41 5	65780.0 5
	1 9	JP_2018_Osake_NS	0.90 5	96812.78	JP_2004_27OCT_03_NS	0.70 2	135803.3 2	US_1992_Big Bear_270	0.93 0	215368.1 1	US_1992_Big Bear_360	0.34 8	25491.1 1	US_1989_Loma Prieta_02_0	0.49 0	26165.6 0	US_1994_Northridge_02_360	0.57 3	42464.0 7
	2 0	JP_2009_Shizuoca_01_N S	0.73 9	100311.8 1	JP_2011_Fukushima_04_ EW	0.87 2	136105.0 5	US_1994_Northridge_02_ 90	1.11 6	185756.1 4	JP_2000_Tottori_01_NS	0.34 8	26110.3 9	JP_2011_Fukushima_04_ NS	0.31 0	26243.7 9	US_1994_Northridge_02_90	0.48 3	48816.4 2
RMS E	1	JP_2012_25AGO_EW	0.55 0	134.81	JP_2004_27OCT_03_EW	0.82 4	178.31	CH_2012_GO05_EW	3.14 5	652.91	JP_2000_Tottori_02_NS	0.28 0	105.65	JP_2000_Tottori_02_NS	0.28 0	105.65	CH_2014_Iquique_02_EW	1.27 3	200.03
	2	JP_2004_27OCT_03_EW	0.82 4	178.31	JP_2000_Tottori_02_NS	0.41 0	196.69	CH_2014_Iquique_02_EW	2.84 3	421.70	JP_2012_25AGO_EW	0.44 5	108.78	JP_2012_25AGO_EW	0.44 5	108.78	JP_1997_Kagoshima_EW	0.37 0	195.54
	3	US_1994_Northridge_01_ 360	0.63 6	190.08	PE_2012_14MAY_EW	2.32 0	251.59	JP_1997_Kagoshima_EW	0.76 8	375.98	JP_2009_Shizuoca_01_E W	0.40 8	115.33	JP_2009_Shizuoca_01_E W	0.40 8	115.33	JP_2009_Shizuoca_02_NS	0.51 3	250.21
	4	JP_2000_Tottori_02_NS	0.41 0	196.69	JP_2013_25FEB_NS	0.28 1	260.10	JP_2000_Tottori_01_EW	0.89 0	524.88	JP_2004_27OCT_03_EW	0.59 5	118.09	JP_2004_27OCT_03_EW	0.59 5	118.09	JP_2011_Fukushima_06_EW	0.42 3	156.81
	5	JP_2012_25AGO_NS	0.80 7	196.74	US_1989_Loma Prieta_03_0	0.59 0	262.62	JP_2000_Tottori_02_NS	0.41 0	196.69	JP_2004_Chuetzu_04_E W	0.25 0	132.91	JP_2004_Chuetzu_04_E W	0.25 0	132.91	JP_2011_Fukushima_06_NS	0.44 5	221.68
	6	JP_2009_Shizuoca_01_E W	0.60 4	198.66	JP_2004_Chuetzu_04_E W	0.41 9	268.71	JP_2009_Shizuoca_01_E W	0.60 4	198.66	PE_2012_14MAY_EW	1.42 4	136.28	PE_2012_14MAY_EW	1.42 4	136.28	JP_2013_25FEB_EW	0.25 0	188.90
	7	JP_2008_Iwate_02_NS	0.28 2	227.28	CH_2014_Iquique_02_NS	2.93 6	285.21	JP_2009_Shizuoca_01_N S	0.73 9	316.72	JP_2018_Hokkaido_03_N S	0.29 5	136.77	JP_2018_Hokkaido_03_N S	0.29 5	136.77	JP_2016_14APR_EW	0.46 8	169.50
	8	JP_2018_Hokkaido_03_N S	0.47 6	242.03	TW_1999_ChiChi_10_90	0.45 4	285.32	JP_2016_14APR_EW	0.75 7	259.66	JP_2000_Tottori_02_EW	0.31 8	138.94	JP_2000_Tottori_02_EW	0.31 8	138.94	JP_2016_14APR_NS	0.53 5	189.47
	9	JP_2000_Tottori_01_NS	0.54 6	247.39	JP_2018_Osake_NS	0.90 5	311.15	JP_2016_Kumamoto_01_ EW	0.57 3	376.73	JP_2012_25AGO_NS	0.57 3	143.51	JP_2012_25AGO_NS	0.57 3	143.51	JP_2016_Kumamoto_01_EW	0.28 0	192.42
	1 0	PE_2012_14MAY_EW	2.32 0	251.59	JP_2004_14DEC_EW	0.39 0	321.73	JP_2016_Kumamoto_03_ EW	0.72 7	356.39	JP_2011_12APR_NS	0.51 3	145.82	JP_2011_12APR_NS	0.51 3	145.82	JP_2016_Kumamoto_04_EW	0.32 5	197.05
	1 1	JP_2016_14APR_EW	0.75 7	259.66	JP_2011_Fukushima_06_ EW	0.81 8	337.53	JP_2016_Kumamoto_04_ EW	0.65 1	364.29	JP_2009_Shizuoca_01_N S	0.40 0	147.90	JP_2009_Shizuoca_01_N S	0.40 0	147.90	JP_2018_Hokkaido_02_EW	0.37 0	208.09
	1 2	JP_2013_25FEB_NS	0.28 1	260.10	JP_2004_27OCT_01_NS	0.98 9	342.18	JP_2016_Kumamoto_06_ NS	0.84 3	433.06	JP_2018_Osake_NS	0.49 8	148.34	JP_2018_Osake_NS	0.49 8	148.34	JP_2018_Hokkaido_04_EW	0.25 0	226.52
	1 3	US_1989_Loma Prieta_03_0	0.59 0	262.62	US_1989_Loma Prieta_02_0	0.94 9	342.20	JP_2018_Hokkaido_02_E W	0.79 9	395.22	CH_2014_Iquique_02_NS	1.69 7	150.78	CH_2014_Iquique_02_NS	1.69 7	150.78	JP_2018_Hokkaido_04_NS	0.25 0	242.31
	1 4	JP_2000_Tottori_02_EW	0.53 5	267.79	JP_2011_12APR_NS	1.00 9	349.93	JP_2018_Hokkaido_04_E W	0.51 8	444.63	JP_2007_Noto_01_NS	0.25 8	154.71	JP_2007_Noto_01_NS	0.25 8	154.71	PE_2012_14MAY_NS	2.33 3	184.21
	1 5	JP_2004_Chuetzu_04_E W	0.41 9	268.71	JP_2016_Kumamoto_03_ EW	0.72 7	356.39	JP_2018_Hokkaido_04_N S	0.44 7	409.70	JP_2009_Shizuoca_03_N S	0.39 3	155.74	JP_2011_Fukushima_06_ EW	0.42 3	156.81	TW_1999_ChiChi_01_360	0.25 0	258.46
	1 6	JP_2011_Fukushima_04_ NS	0.51 8	273.23	JP_2007_Noto_01_NS	0.51 8	359.07	TW_1999_ChiChi_01_360	0.64 2	650.03	JP_2011_Fukushima_06_ EW	0.42 3	156.81	US_1989_Loma Prieta_03_0	0.35 5	157.68	TW_1999_ChiChi_06_360	0.28 8	261.89
	1 7	CH_2014_Iquique_02_NS	2.93 6	285.21	US_1994_Northridge_03_ 90	0.51 7	363.02	TW_1999_ChiChi_01_90	0.53 7	467.02	US_1989_Loma Prieta_03_0	0.35 5	157.68	US_1992_Big Bear_360	0.34 8	159.66	US_1992_Petrolia_01_0	0.26 5	280.86
	1 8	TW_1999_ChiChi_10_90	0.45 4	285.32	JP_2016_Kumamoto_04_ EW	0.65 1	364.29	TW_1999_ChiChi_08_90	0.87 7	583.69	JP_2021_Miyagi_02_EW	0.58 0	159.45	JP_2000_Tottori_01_NS	0.34 8	161.59	US_1992_Petrolia_Aftershock_01 90	0.41 5	256.48
	1 9	JP_2018_Osake_NS	0.90 5	311.15	JP_2004_27OCT_03_NS	0.70 2	368.52	US_1992_Big Bear_270	0.93 0	464.08	US_1992_Big Bear_360	0.34 8	159.66	US_1989_Loma Prieta_02_0	0.49 0	161.76	US_1994_Northridge_02_360	0.57 3	206.07
	2 0	JP_2009_Shizuoca_01_N S	0.73 9	316.72	JP_2011_Fukushima_04_ EW	0.87 2	368.92	US_1994_Northridge_02_ 90	1.11 6	430.99	JP_2000_Tottori_01_NS	0.34 8	161.59	JP_2011_Fukushima_04_ NS	0.31 0	162.00	US_1994_Northridge_02_90	0.48 3	220.94

REGISTROS SELECCIONADOS CASO Ymr-I T=0.24s - TSemc-tr-2475																			
Caso:		TSemc-tr-2475_NSp_Sbs			TSemc-tr-2475_NSp_Sci			TSemc-tr-2475_NSp_Ssr			TSemc-tr-2475_NSr_Sbs			TSemc-tr-2475_NSr_Sci			TSemc-tr-2475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2012_25AGO_EW	0.69 3	93.59	JP_2004_27OCT_03_EW	1.03 8	192.57	CH_2014_Iquique_02_EW	3.58 1	464.80	JP_2012_25AGO_EW	0.58 0	81.13	JP_2009_Shizuoca_01_E W	0.42 3	85.34	CH_2014_Iquique_02_EW	1.18 2	183.84
	2	JP_2012_25AGO_NS	1.01 6	146.31	JP_2000_Tottori_02_NS	0.51 7	207.89	JP_2000_Tottori_01_EW	1.12 1	565.57	JP_2009_Shizuoca_01_E W	0.42 3	85.34	JP_2000_Tottori_02_NS	0.26 5	93.55	JP_1997_Kagoshima_EW	0.34 8	174.23
	3	JP_2009_Shizuoca_01_E W	0.76 1	167.05	JP_2013_25FEB_NS	0.35 4	229.50	JP_2004_Chuetzu_05_NS	0.53 1	451.23	JP_2000_Tottori_02_NS	0.26 5	93.55	JP_2009_Shizuoca_03_N S	0.37 8	98.40	JP_2004_27OCT_03_NS	0.30 3	129.54

	4	JP_2004_27OCT_03_EW	1.03 8	192.57	PE_2012_14MAY_EW	2.92 2	256.43	JP_2008_Iwate_02_NS	0.35 5	224.35	JP_2011_12APR_NS	0.62 5	97.99	JP_2018_Osake_EW	0.26 5	104.85	JP_2004_Chuet-su_07_EW	0.25 0	185.69
	5	US_1994_Northridge_01_360	0.80 1	202.42	JP_2004_Chuet-su_04_EW	0.52 8	269.62	JP_2009_Shizuoca_01_EW	0.76 1	167.05	JP_2009_Shizuoca_03_NS	0.37 8	98.40	US_1992_Big Bear_360	0.33 3	109.35	JP_2009_Shizuoca_02_NS	0.39 3	235.25
	6	JP_2000_Tottori_02_NS	0.51 7	207.89	US_1989_Loma Prieta_03_0	0.74 3	275.09	JP_2009_Shizuoca_01_NS	0.93 1	280.30	JP_2018_Osake_EW	0.26 5	104.85	JP_2009_Shizuoca_01_NS	0.37 0	110.66	JP_2011_Fukushima_02_NS	0.25 0	251.51
	7	JP_2016_14APR_EW	0.95 3	222.36	JP_2011_12APR_NS	1.27 0	276.55	JP_2011_12APR_EW	1.18 2	365.22	US_1992_Big Bear_360	0.33 3	109.35	JP_2004_Chuet-su_04_EW	0.25 0	110.82	JP_2011_Fukushima_06_NS	0.45 3	175.07
	8	JP_2008_Iwate_02_NS	0.35 5	224.35	JP_2009_Shizuoca_01_NS	0.93 1	280.30	JP_2011_Fukushima_04_NS	0.65 3	226.23	JP_2009_Shizuoca_01_NS	0.37 0	110.66	JP_2000_Tottori_02_EW	0.30 3	111.86	JP_2016_14APR_EW	0.36 3	146.48
	9	JP_2011_Fukushima_04_NS	0.65 3	226.23	CH_2014_Iquique_02_NS	3.69 8	298.93	JP_2016_Kumamoto_01_EW	0.72 2	426.31	JP_2004_Chuet-su_04_EW	0.25 0	110.82	PE_2012_14MAY_EW	1.42 4	115.15	JP_2016_14APR_NS	0.49 8	131.40
	10	JP_2013_25FEB_NS	0.35 4	229.50	JP_2004_27OCT_01_NS	1.24 5	311.31	JP_2016_Kumamoto_06_NS	1.06 2	483.56	JP_2000_Tottori_02_EW	0.30 3	111.86	JP_2004_27OCT_03_EW	0.56 5	115.84	JP_2016_Kumamoto_01_EW	0.25 8	180.53
	11	JP_2018_Hokkaido_03_NS	0.60 0	230.61	TW_1999_ChiChi_10_90	0.57 2	325.56	JP_2018_Hokkaido_02_EW	1.00 7	432.03	JP_2011_19MAR_01_NS	0.47 5	114.32	US_1992_Big Bear_270	0.36 3	117.52	JP_2016_Kumamoto_04_EW	0.25 0	175.78
	12	JP_2000_Tottori_01_NS	0.68 8	238.42	JP_2011_Fukushima_04_EW	1.09 9	341.60	JP_2018_Hokkaido_04_NS	0.56 3	396.55	PE_2012_14MAY_EW	1.42 4	115.15	JP_2004_27OCT_01_NS	0.50 5	120.69	JP_2018_Hokkaido_04_EW	0.25 8	210.12
	13	JP_2000_Tottori_02_EW	0.67 4	249.79	JP_2011_Fukushima_06_EW	1.03 0	344.59	TW_1999_ChiChi_01_360	0.80 8	712.43	JP_2004_27OCT_03_EW	0.56 5	115.84	JP_2018_Hokkaido_03_NS	0.28 8	120.81	JP_2018_Hokkaido_04_NS	0.25 0	231.59
	14	JP_2021_Miyagi_02_EW	1.35 8	255.35	JP_2018_Osake_NS	1.14 0	347.21	TW_1999_ChiChi_01_90	0.67 6	494.47	JP_2012_25AGO_NS	0.67 8	117.14	JP_2011_Fukushima_06_EW	0.42 3	125.02	PE_2012_14MAY_NS	2.09 1	150.96
	15	PE_2012_14MAY_EW	2.92 2	256.43	US_1992_Big Bear_360	0.88 5	347.72	US_1989_Loma Prieta_04_0	0.82 1	481.18	US_1992_Big Bear_270	0.36 3	117.52	JP_2000_Tottori_04_EW	0.77 5	127.22	TW_1999_ChiChi_01_360	0.25 0	240.37
	16	JP_2004_Chuet-su_04_EW	0.52 8	269.62	JP_2004_14DEC_EW	0.49 1	351.15	US_1989_Loma Prieta_06_0	1.71 3	686.00	JP_2004_27OCT_01_NS	0.50 5	120.69	JP_2007_Noto_01_NS	0.25 0	127.26	TW_1999_ChiChi_06_360	0.26 5	238.52
	17	US_1989_Loma Prieta_03_0	0.74 3	275.09	US_1989_Loma Prieta_02_0	1.19 5	353.92	US_1992_Big Bear_270	1.17 1	445.05	JP_2018_Hokkaido_03_NS	0.28 8	120.81	JP_2018_Osake_NS	0.46 8	127.47	US_1989_Loma Prieta_01_0	0.25 0	185.97
	18	JP_2011_12APR_NS	1.27 0	276.55	JP_2016_Kumamoto_04_EW	0.82 0	360.92	US_1992_Big Bear_360	0.88 5	347.72	JP_2021_Miyagi_02_EW	0.74 5	124.37	JP_2011_Fukushima_04_NS	0.27 3	127.62	US_1992_Petrolia_01_0	0.25 0	248.41
	19	JP_2009_Shizuoca_01_NS	0.93 1	280.30	JP_2007_Noto_01_NS	0.65 3	364.88	US_1992_Petrolia_Aftershock_01_90	1.83 6	741.44	JP_2011_Fukushima_06_EW	0.42 3	125.02	CH_2014_Iquique_02_NS	1.72 7	128.00	US_1994_Northridge_02_360	0.60 3	198.32
	20	JP_2009_Shizuoca_03_NS	0.95 4	290.92	JP_2011_12APR_EW	1.18 2	365.22	US_1994_Northridge_03_90	0.65 1	389.01	JP_2000_Tottori_04_EW	0.77 5	127.22	JP_2004_27OCT_03_NS	0.30 3	129.54	US_1994_Northridge_02_90	0.49 8	210.62
MAP E	1	JP_2012_25AGO_EW	0.69 3	185.17	JP_2013_25FEB_NS	0.35 4	399.75	CH_2014_Iquique_02_EW	3.58 1	2591.44	JP_2011_19MAR_01_NS	0.25 0	66.12	JP_2016_14APR_EW	0.25 0	86.02	CH_2012_GO05_EW	0.25 0	191.02
	2	JP_2011_19MAR_01_NS	1.06 7	316.12	JP_2008_Iwate_02_EW	0.28 2	454.28	JP_2000_Tottori_01_EW	1.12 1	1623.12	JP_2011_19MAR_01_EW	0.25 0	73.89	JP_2003_Miyagi_02_NS	0.25 0	87.60	CH_2012_GO05_NS	0.25 0	110.64
	3	JP_2009_Shizuoca_01_EW	0.76 1	326.39	JP_2009_Shizuoca_01_NS	0.93 1	487.49	JP_2004_Chuet-su_05_NS	0.53 1	6193.58	JP_2021_Miyagi_02_EW	0.25 0	81.39	JP_2004_27OCT_01_EW	0.25 0	88.41	CH_2014_Iquique_02_EW	0.25 0	187.30
	4	JP_2021_Miyagi_02_EW	1.35 8	374.66	JP_2003_Miyagi_02_NS	1.30 9	530.43	JP_2008_Iwate_02_NS	0.35 5	402.27	JP_2016_28DEC_EW	0.25 0	84.36	JP_2012_25AGO_EW	0.25 0	88.99	JP_2004_27OCT_01_EW	0.25 0	88.41
	5	JP_2013_25FEB_NS	0.35 4	399.75	JP_2003_Miyagi_02_EW	1.17 9	543.24	JP_2009_Shizuoca_01_EW	0.76 1	326.39	JP_2016_14APR_EW	0.25 0	86.02	JP_2009_Shizuoca_03_NS	0.25 0	89.36	JP_2004_Chuet-su_07_EW	0.25 0	473.77
	6	JP_2008_Iwate_02_NS	0.35 5	402.27	JP_2004_27OCT_01_NS	1.24 5	553.43	JP_2009_Shizuoca_01_NS	0.93 1	487.49	JP_2003_Miyagi_02_NS	0.25 0	87.60	JP_2000_Tottori_04_EW	0.25 0	92.32	JP_2007_Noto_02_NS	0.25 0	708.33
	7	JP_2016_14APR_EW	0.95 3	409.26	US_1992_Big Bear_360	0.88 5	626.77	JP_2011_12APR_EW	1.18 2	980.39	JP_2004_27OCT_01_EW	0.25 0	88.41	JP_2011_19MAR_02_EW	0.25 0	92.79	JP_2009_Shizuoca_02_EW	0.25 0	371.33
	8	JP_2009_Shizuoca_03_NS	0.95 4	412.53	JP_2004_Chuet-su_04_EW	0.52 8	666.44	JP_2011_Fukushima_04_NS	0.65 3	699.60	JP_2012_25AGO_EW	0.25 0	88.99	JP_2003_Miyagi_02_EW	0.25 0	94.30	JP_2009_Shizuoca_02_NS	0.25 0	452.38
	9	JP_2021_Miyagi_02_NS	0.74 6	413.89	JP_2000_Tottori_02_NS	0.51 7	666.92	JP_2016_Kumamoto_01_EW	0.72 2	3139.62	JP_2009_Shizuoca_03_NS	0.25 0	89.36	JP_2003_Miyagi_09_EW	0.25 0	98.33	JP_2011_Fukushima_06_NS	0.25 0	173.87
	10	JP_2008_Iwate_02_EW	0.28 2	454.28	JP_2011_12APR_NS	1.27 0	729.78	JP_2016_Kumamoto_06_NS	1.06 2	4406.88	JP_2011_19MAR_02_NS	0.25 0	90.61	JP_2004_27OCT_01_NS	0.25 0	103.17	JP_2016_14APR_EW	0.25 0	86.02
	11	JP_2009_Shizuoca_01_NS	0.93 1	487.49	JP_2011_Fukushima_06_EW	1.03 0	739.63	JP_2018_Hokkaido_02_EW	1.00 7	2675.08	JP_2000_Tottori_04_EW	0.25 0	92.32	JP_2009_Shizuoca_01_EW	0.25 0	106.23	JP_2016_14APR_NS	0.25 0	143.87
	12	JP_2003_Miyagi_02_NS	1.30 9	530.43	JP_2016_Kumamoto_04_EW	0.82 0	774.63	JP_2018_Hokkaido_04_NS	0.56 3	1464.97	JP_2011_19MAR_02_EW	0.25 0	92.79	JP_2009_Shizuoca_01_NS	0.25 0	108.40	JP_2016_Kumamoto_04_EW	0.25 0	204.74
	13	JP_2003_Miyagi_02_EW	1.17 9	543.24	JP_2004_27OCT_03_EW	1.03 8	775.19	TW_1999_ChiChi_01_360	0.80 8	3340.21	JP_2003_Miyagi_02_EW	0.25 0	94.30	JP_2004_29NOV_01_EW	0.25 0	116.27	JP_2018_Hokkaido_04_NS	0.25 0	628.91
	14	JP_2016_28DEC_EW	2.00 4	547.69	JP_2011_15MAR_EW	0.43 7	801.12	TW_1999_ChiChi_01_90	0.67 6	3549.56	JP_2021_Miyagi_02_NS	0.25 0	98.08	JP_2003_Miyagi_07_EW	0.25 0	129.80	PE_2012_14MAY_EW	0.25 0	120.49
	15	JP_2004_27OCT_01_NS	1.24 5	553.43	US_1989_Loma Prieta_03_0	0.74 3	881.06	US_1989_Loma Prieta_04_0	0.82 1	1847.17	JP_2003_Miyagi_09_EW	0.25 0	98.33	JP_2004_29NOV_01_NS	0.25 0	130.42	TW_1999_ChiChi_06_360	0.25 0	902.72
	16	JP_2011_19MAR_01_EW	2.47 9	590.75	JP_2016_14APR_NS	1.53 7	920.04	US_1989_Loma Prieta_06_0	1.71 3	4879.22	JP_2004_27OCT_01_NS	0.25 0	103.17	JP_2000_Tottori_04_NS	0.25 0	133.37	US_1989_Loma Prieta_04_0	0.25 0	528.89
	17	JP_2003_Miyagi_09_EW	1.25 6	599.97	JP_2018_Osake_NS	1.14 0	925.89	US_1992_Big Bear_270	1.17 1	1037.26	JP_2009_Shizuoca_01_EW	0.25 0	106.23	JP_2016_14APR_NS	0.25 0	143.87	US_1989_Loma Prieta_05_195	0.25 0	291.33
	18	JP_2011_19MAR_02_EW	1.65 1	622.74	JP_2013_25FEB_EW	0.66 6	940.76	US_1992_Big Bear_360	0.88 5	626.77	JP_2003_Miyagi_09_NS	0.25 0	107.02	US_1992_Big Bear_360	0.25 0	144.08	US_1992_Big Bear_360	0.25 0	144.08
	19	US_1992_Big Bear_360	0.88 5	626.77	JP_2011_12APR_EW	1.18 2	980.39	US_1992_Petrolia_Aftershock_01_90	1.83 6	3358.87	JP_2009_Shizuoca_01_NS	0.25 0	108.40	JP_2011_Fukushima_06_EW	0.25 0	150.04	US_1992_Petrolia_01_0	0.25 0	825.23
	20	JP_2012_25AGO_NS	1.01 6	639.51	JP_2000_Tottori_05_NS	0.75 1	998.25	US_1994_Northridge_03_90	0.65 1	2417.40	CH_2012_GO05_NS	0.25 0	110.64	JP_2011_12APR_NS	0.25 0	157.67	US_1994_Northridge_02_360	0.25 0	565.89
MSE	1	JP_2012_25AGO_EW	0.69 3	31165.46	JP_2004_27OCT_03_EW	1.03 8	55111.86	CH_2014_Iquique_02_EW	3.58 1	292528.75	JP_2000_Tottori_02_NS	0.34 0	18828.50	JP_2000_Tottori_02_NS	0.34 0	18828.50	CH_2014_Iquique_02_EW	1.54 5	63910.58
	2	JP_2004_27OCT_03_EW	1.03 8	55111.86	JP_2000_Tottori_02_NS	0.51 7	66786.88	JP_2000_Tottori_01_EW	1.12 1	451728.85	JP_2012_25AGO_EW	0.55 0	19184.30	JP_2012_25AGO_EW	0.55 0	19184.30	JP_1997_Kagoshima_EW	0.46 0	61011.95

	3	US_1994_Northridge_01_360	0.801	60083.15	PE_2012_14MAY_EW	2.922	106558.39	JP_2004_Chuetstu_05_NS	0.531	240966.30	JP_2009_Shizuoca_01_EW	0.505	21772.64	JP_2009_Shizuoca_01_EW	0.505	21772.64	JP_2000_Tottori_01_EW	0.423	55594.15
	4	JP_2012_25AGO_NS	1.016	64926.26	JP_2013_25FEB_NS	0.354	113940.00	JP_2008_Iwate_02_NS	0.355	87253.05	JP_2004_27OCT_03_EW	0.730	23281.55	JP_2004_27OCT_03_EW	0.730	23281.55	JP_2004_Chuetstu_07_EW	0.393	70743.09
	5	JP_2000_Tottori_02_NS	0.517	66786.88	US_1989_Loma Prieta_03_0	0.743	115709.80	JP_2009_Shizuoca_01_EW	0.761	67258.12	JP_2004_Chuetstu_04_EW	0.303	29054.39	JP_2004_Chuetstu_04_EW	0.303	29054.39	JP_2007_Noto_02_NS	0.453	98625.15
	6	JP_2009_Shizuoca_01_EW	0.761	67258.12	JP_2004_Chuetstu_04_EW	0.528	121682.99	JP_2009_Shizuoca_01_NS	0.931	166560.03	JP_2018_Hokkaido_03_NS	0.370	30111.89	JP_2018_Hokkaido_03_NS	0.370	30111.89	JP_2009_Shizuoca_01_NS	0.490	35198.49
	7	JP_2008_Iwate_02_NS	0.355	87253.05	TW_1999_ChiChi_10_90	0.572	136267.41	JP_2011_12APR_EW	1.182	241041.17	PE_2012_14MAY_EW	1.758	30245.74	PE_2012_14MAY_EW	1.758	30245.74	JP_2011_15MAR_NS	0.340	63624.88
	8	JP_2018_Hokkaido_03_NS	0.600	98230.96	CH_2014_Iquique_02_NS	3.698	136766.49	JP_2011_Fukushima_04_NS	0.653	123284.18	JP_2008_Iwate_02_NS	0.250	31257.51	JP_2008_Iwate_02_NS	0.250	31257.51	JP_2011_Fukushima_02_NS	0.678	116283.60
	9	JP_2000_Tottori_01_NS	0.688	102692.59	JP_2018_Osake_NS	1.140	161962.02	JP_2016_Kumamoto_01_EW	0.722	233326.64	JP_2000_Tottori_02_EW	0.393	31753.69	JP_2000_Tottori_02_EW	0.393	31753.69	JP_2011_Fukushima_06_NS	0.543	78044.06
	10	PE_2012_14MAY_EW	2.922	106558.39	JP_2009_Shizuoca_01_NS	0.931	166560.03	JP_2016_Kumamoto_06_NS	1.062	305834.91	JP_2012_25AGO_NS	0.708	32939.71	JP_2012_25AGO_NS	0.708	32939.71	JP_2016_14APR_NS	0.655	57310.21
	11	JP_2016_14APR_EW	0.953	112408.83	JP_2004_14DEC_EW	0.491	172467.59	JP_2018_Hokkaido_02_EW	1.007	255722.90	JP_2011_12APR_NS	0.633	34085.33	JP_2011_12APR_NS	0.633	34085.33	JP_2016_Kumamoto_01_EW	0.340	58774.43
	12	JP_2013_25FEB_NS	0.354	113940.00	JP_2011_Fukushima_06_EW	1.030	189855.30	JP_2018_Hokkaido_04_NS	0.563	272812.94	JP_2009_Shizuoca_01_NS	0.490	35198.49	JP_2009_Shizuoca_01_NS	0.490	35198.49	JP_2016_Kumamoto_04_EW	0.400	61741.36
	13	US_1989_Loma Prieta_03_0	0.743	115709.80	US_1989_Loma Prieta_02_0	1.195	194853.23	TW_1999_ChiChi_01_360	0.808	683413.71	JP_2018_Osake_NS	0.610	35992.71	JP_2018_Osake_NS	0.610	35992.71	JP_2016_Kumamoto_06_EW	0.483	67342.06
	14	JP_2000_Tottori_02_EW	0.674	120947.93	JP_2004_27OCT_01_NS	1.245	194870.54	TW_1999_ChiChi_01_90	0.676	354671.00	CH_2014_Iquique_02_NS	2.061	37237.75	CH_2014_Iquique_02_NS	2.061	37237.75	JP_2018_Hokkaido_04_NS	0.250	84842.61
	15	JP_2004_Chuetstu_04_EW	0.528	121682.99	JP_2011_12APR_NS	1.270	202305.71	US_1989_Loma Prieta_04_0	0.821	324868.96	JP_2007_Noto_01_NS	0.318	39126.61	JP_2007_Noto_01_NS	0.318	39126.61	TW_1999_ChiChi_04_90	0.558	106560.88
	16	JP_2011_Fukushima_04_NS	0.653	123284.18	JP_2016_Kumamoto_03_EW	0.916	210366.63	US_1989_Loma Prieta_06_0	1.713	558906.62	JP_2009_Shizuoca_03_NS	0.483	39280.40	JP_2011_Fukushima_06_EW	0.520	40074.15	TW_1999_ChiChi_06_90	0.288	118676.87
	17	TW_1999_ChiChi_10_90	0.572	136267.41	JP_2007_Noto_01_NS	0.653	214496.37	US_1992_Big Bear_270	1.171	354160.30	JP_2011_Fukushima_06_EW	0.520	40074.15	US_1989_Loma Prieta_03_0	0.438	40227.78	TW_1999_ChiChi_07_360	0.333	135398.65
	18	CH_2014_Iquique_02_NS	3.698	136766.49	US_1994_Northridge_03_90	0.651	216470.82	US_1992_Big Bear_360	0.885	228573.57	US_1989_Loma Prieta_03_0	0.438	40227.78	US_1992_Big Bear_360	0.423	41142.21	US_1989_Loma Prieta_03_90	0.573	64126.13
	19	JP_2018_Osake_NS	1.140	161962.02	JP_2016_Kumamoto_04_EW	0.820	218542.09	US_1992_Petrolia_Aftershock_01_90	1.836	778964.40	JP_2021_Miyagi_02_EW	0.708	41049.62	JP_2011_Fukushima_04_NS	0.378	41417.91	US_1989_Loma Prieta_05_195	1.182	85679.44
	20	JP_2009_Shizuoca_01_NS	0.931	166560.03	JP_2011_Fukushima_04_EW	1.099	223121.33	US_1994_Northridge_03_90	0.651	216470.82	US_1992_Big Bear_360	0.423	41142.21	JP_2000_Tottori_01_NS	0.423	42126.89	US_1994_Northridge_02_360	0.708	66930.83
RMS E	1	JP_2012_25AGO_EW	0.693	176.54	JP_2004_27OCT_03_EW	1.038	234.76	CH_2014_Iquique_02_EW	3.581	540.86	JP_2000_Tottori_02_NS	0.340	137.22	JP_2000_Tottori_02_NS	0.340	137.22	CH_2014_Iquique_02_EW	1.545	252.81
	2	JP_2004_27OCT_03_EW	1.038	234.76	JP_2000_Tottori_02_NS	0.517	258.43	JP_2000_Tottori_01_EW	1.121	672.11	JP_2012_25AGO_EW	0.550	138.51	JP_2012_25AGO_EW	0.550	138.51	JP_1997_Kagoshima_EW	0.460	247.01
	3	US_1994_Northridge_01_360	0.801	245.12	PE_2012_14MAY_EW	2.922	326.43	JP_2004_Chuetstu_05_NS	0.531	490.88	JP_2009_Shizuoca_01_EW	0.505	147.56	JP_2009_Shizuoca_01_EW	0.505	147.56	JP_2000_Tottori_01_EW	0.423	235.78
	4	JP_2012_25AGO_NS	1.016	254.81	JP_2013_25FEB_NS	0.354	337.55	JP_2008_Iwate_02_NS	0.355	295.39	JP_2004_27OCT_03_EW	0.730	152.58	JP_2004_27OCT_03_EW	0.730	152.58	JP_2004_Chuetstu_07_EW	0.393	265.98
	5	JP_2000_Tottori_02_NS	0.517	258.43	US_1989_Loma Prieta_03_0	0.743	340.16	JP_2009_Shizuoca_01_EW	0.761	259.34	JP_2004_Chuetstu_04_EW	0.303	170.45	JP_2004_Chuetstu_04_EW	0.303	170.45	JP_2007_Noto_02_NS	0.453	314.05
	6	JP_2009_Shizuoca_01_EW	0.761	259.34	JP_2004_Chuetstu_04_EW	0.528	348.83	JP_2009_Shizuoca_01_NS	0.931	408.12	JP_2018_Hokkaido_03_NS	0.370	173.53	JP_2018_Hokkaido_03_NS	0.370	173.53	JP_2009_Shizuoca_01_NS	0.490	187.61
	7	JP_2008_Iwate_02_NS	0.355	295.39	TW_1999_ChiChi_10_90	0.572	369.14	JP_2011_12APR_EW	1.182	490.96	PE_2012_14MAY_EW	1.758	173.91	PE_2012_14MAY_EW	1.758	173.91	JP_2011_15MAR_NS	0.340	252.24
	8	JP_2018_Hokkaido_03_NS	0.600	313.42	CH_2014_Iquique_02_NS	3.698	369.82	JP_2011_Fukushima_04_NS	0.653	351.12	JP_2008_Iwate_02_NS	0.250	176.80	JP_2008_Iwate_02_NS	0.250	176.80	JP_2011_Fukushima_02_NS	0.678	341.00
	9	JP_2000_Tottori_01_NS	0.688	320.46	JP_2018_Osake_NS	1.140	402.45	JP_2016_Kumamoto_01_EW	0.722	483.04	JP_2000_Tottori_02_EW	0.393	178.20	JP_2000_Tottori_02_EW	0.393	178.20	JP_2011_Fukushima_06_NS	0.543	279.36
	10	PE_2012_14MAY_EW	2.922	326.43	JP_2009_Shizuoca_01_NS	0.931	408.12	JP_2016_Kumamoto_06_NS	1.062	553.02	JP_2012_25AGO_NS	0.708	181.49	JP_2012_25AGO_NS	0.708	181.49	JP_2016_14APR_NS	0.655	239.40
	11	JP_2016_14APR_EW	0.953	335.27	JP_2004_14DEC_EW	0.491	415.29	JP_2018_Hokkaido_02_EW	1.007	505.69	JP_2011_12APR_NS	0.633	184.62	JP_2011_12APR_NS	0.633	184.62	JP_2016_Kumamoto_01_EW	0.340	242.43
	12	JP_2013_25FEB_NS	0.354	337.55	JP_2011_Fukushima_06_EW	1.030	435.72	JP_2018_Hokkaido_04_NS	0.563	522.31	JP_2009_Shizuoca_01_NS	0.490	187.61	JP_2009_Shizuoca_01_NS	0.490	187.61	JP_2016_Kumamoto_04_EW	0.400	248.48
	13	US_1989_Loma Prieta_03_0	0.743	340.16	US_1989_Loma Prieta_02_0	1.195	441.42	TW_1999_ChiChi_01_360	0.808	826.69	JP_2018_Osake_NS	0.610	189.72	JP_2018_Osake_NS	0.610	189.72	JP_2016_Kumamoto_06_EW	0.483	259.50
	14	JP_2000_Tottori_02_EW	0.674	347.78	JP_2004_27OCT_01_NS	1.245	441.44	TW_1999_ChiChi_01_90	0.676	595.54	CH_2014_Iquique_02_NS	2.061	192.97	CH_2014_Iquique_02_NS	2.061	192.97	JP_2018_Hokkaido_04_NS	0.250	291.28
	15	JP_2004_Chuetstu_04_EW	0.528	348.83	JP_2011_12APR_NS	1.270	449.78	US_1989_Loma Prieta_04_0	0.821	569.97	JP_2007_Noto_01_NS	0.318	197.80	JP_2007_Noto_01_NS	0.318	197.80	TW_1999_ChiChi_04_90	0.558	326.44
	16	JP_2011_Fukushima_04_NS	0.653	351.12	JP_2016_Kumamoto_03_EW	0.916	458.66	US_1989_Loma Prieta_06_0	1.713	747.60	JP_2009_Shizuoca_03_NS	0.483	198.19	JP_2011_Fukushima_06_EW	0.520	200.19	TW_1999_ChiChi_06_90	0.288	344.50
	17	TW_1999_ChiChi_10_90	0.572	369.14	JP_2007_Noto_01_NS	0.653	463.14	US_1992_Big Bear_270	1.171	595.11	JP_2011_Fukushima_06_EW	0.520	200.19	US_1989_Loma Prieta_03_0	0.438	200.57	TW_1999_ChiChi_07_360	0.333	367.97
	18	CH_2014_Iquique_02_NS	3.698	369.82	US_1994_Northridge_03_90	0.651	465.26	US_1992_Big Bear_360	0.885	478.09	US_1989_Loma Prieta_03_0	0.438	200.57	US_1992_Big Bear_360	0.423	202.84	US_1989_Loma Prieta_03_90	0.573	253.23
	19	JP_2018_Osake_NS	1.140	402.45	JP_2016_Kumamoto_04_EW	0.820	467.48	US_1992_Petrolia_Aftershock_01_90	1.836	882.59	JP_2021_Miyagi_02_EW	0.708	202.61	JP_2011_Fukushima_04_NS	0.378	203.51	US_1989_Loma Prieta_05_195	1.182	292.71
	20	JP_2009_Shizuoca_01_NS	0.931	408.12	JP_2011_Fukushima_04_EW	1.099	472.36	US_1994_Northridge_03_90	0.651	465.26	US_1992_Big Bear_360	0.423	202.84	JP_2000_Tottori_01_NS	0.423	205.25	US_1994_Northridge_02_360	0.708	258.71

REGISTROS SELECCIONADOS CASO Ymr-I T=0.24s - TSepu-tr-475																			
Caso:		TSepu-tr-475_NSp_Sbs			TSepu-tr-475_NSp_Sci			TSepu-tr-475_NSp_Ssr			TSepu-tr-475_NSr_Sbs			TSepu-tr-475_NSr_Sci			TSepu-tr-475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuet-su_07_EW	0.650	62.51	JP_2004_Chuet-su_07_EW	0.650	62.51	CH_2012_GO05_EW	2.523	153.91	JP_2004_Chuet-su_05_EW	0.460	61.84	JP_2004_Chuet-su_07_EW	0.648	62.66	CH_2014_Iquique_02_EW	2.636	85.46
	2	JP_2004_Chuet-su_05_EW	0.439	67.94	JP_2004_Chuet-su_05_EW	0.439	67.94	CH_2014_Iquique_02_EW	2.281	93.06	JP_2004_Chuet-su_07_EW	0.648	62.66	US_1994_Northridge_01_90	1.364	80.21	JP_1997_Kagoshima_EW	0.700	108.02
	3	JP_2004_Chuet-su_07_NS	0.830	84.05	JP_2004_Chuet-su_07_NS	0.830	84.05	JP_1997_Kagoshima_EW	0.616	117.40	US_1994_Northridge_01_90	1.364	80.21	TW_1999_ChiChi_10_90	0.490	80.56	JP_2008_Iwate_04_NS	0.835	186.40
	4	CH_2014_Iquique_02_EW	2.281	93.06	CH_2014_Iquique_02_EW	2.281	93.06	JP_2000_Tottori_01_EW	0.714	127.64	TW_1999_ChiChi_10_90	0.490	80.56	US_1989_Loma Prieta_06_0	0.963	81.57	JP_2011_Fukushima_02_NS	1.121	198.42
	5	JP_2009_Shizuoca_02_EW	0.978	95.82	JP_2009_Shizuoca_02_EW	0.978	95.82	JP_2009_Shizuoca_01_EW	0.485	261.96	US_1989_Loma Prieta_06_0	0.963	81.57	JP_2004_Chuet-su_07_NS	0.805	84.02	JP_2013_25FEB_EW	0.453	162.33
	6	JP_2016_Kumamoto_05_EW	1.249	98.86	JP_2016_Kumamoto_05_EW	1.249	98.86	JP_2011_Fukushima_04_NS	0.416	266.55	JP_2004_Chuet-su_07_NS	0.805	84.02	CH_2014_Iquique_02_EW	2.636	85.46	JP_2016_Kumamoto_01_NS	0.408	158.15
	7	US_1994_Northridge_02_90	0.896	99.82	US_1994_Northridge_02_90	0.896	99.82	JP_2016_Kumamoto_01_EW	0.460	123.68	CH_2014_Iquique_02_EW	2.636	85.46	TW_1999_ChiChi_08_90	0.618	90.74	JP_2018_Hokkaido_02_EW	0.670	114.03
	8	TW_1999_ChiChi_08_360	0.881	100.37	TW_1999_ChiChi_08_360	0.881	100.37	JP_2016_Kumamoto_04_EW	0.522	172.34	TW_1999_ChiChi_08_90	0.618	90.74	JP_2009_Shizuoca_02_EW	0.970	95.50	JP_2018_Hokkaido_03_EW	0.483	161.59
	9	TW_1999_ChiChi_08_90	0.704	103.81	TW_1999_ChiChi_08_90	0.704	103.81	JP_2016_Kumamoto_05_EW	1.249	98.86	JP_2009_Shizuoca_02_EW	0.970	95.50	US_1994_Northridge_02_90	0.940	96.84	JP_2018_Hokkaido_04_EW	0.430	135.52
	10	US_1989_Loma Prieta_06_90	1.215	104.21	US_1989_Loma Prieta_05_195	2.208	104.79	JP_2016_Kumamoto_06_EW	0.719	119.93	US_1994_Northridge_02_90	0.940	96.84	JP_2004_14DEC_EW	0.378	98.37	JP_2018_Hokkaido_04_NS	0.378	162.91
	11	US_1989_Loma Prieta_05_195	2.208	104.79	JP_2004_Chuet-su_05_NS	0.338	106.94	JP_2018_Hokkaido_02_EW	0.641	116.67	JP_2004_14DEC_EW	0.378	98.37	JP_2016_Kumamoto_05_EW	1.273	98.94	JP_2018_Hokkaido_07_EW	0.273	188.48
	12	JP_2004_Chuet-su_05_NS	0.338	106.94	US_1989_Loma Prieta_06_0	1.092	107.14	JP_2018_Hokkaido_03_EW	0.477	161.59	JP_2016_Kumamoto_05_EW	1.273	98.94	TW_1999_ChiChi_08_360	0.888	100.35	TW_1999_ChiChi_01_360	0.385	138.80
	13	US_1989_Loma Prieta_06_0	1.092	107.14	US_1989_Loma Prieta_03_90	0.981	107.58	TW_1999_ChiChi_01_360	0.515	176.62	JP_2004_Chuet-su_05_NS	0.363	100.18	US_1989_Loma Prieta_05_195	2.061	102.07	TW_1999_ChiChi_01_90	0.400	127.41
	14	US_1989_Loma Prieta_03_90	0.981	107.58	JP_2016_Kumamoto_06_NS	0.677	112.06	TW_1999_ChiChi_08_90	0.704	103.81	TW_1999_ChiChi_08_360	0.888	100.35	US_1989_Loma Prieta_03_90	0.940	103.38	TW_1999_ChiChi_06_90	0.543	191.91
	15	JP_2016_Kumamoto_06_NS	0.677	112.06	TW_1999_ChiChi_10_360	0.791	112.14	TW_1999_ChiChi_10_90	0.365	149.95	US_1989_Loma Prieta_05_195	2.061	102.07	US_1989_Loma Prieta_06_90	1.182	103.73	US_1989_Loma Prieta_02_90	0.760	178.83
	16	TW_1999_ChiChi_10_360	0.791	112.14	JP_2011_15MAR_NS	0.574	114.96	US_1989_Loma Prieta_04_0	0.523	132.57	US_1989_Loma Prieta_03_90	0.940	103.38	JP_2004_Chuet-su_06_EW	0.445	104.05	US_1989_Loma Prieta_04_0	0.520	132.70
	17	JP_2011_15MAR_NS	0.574	114.96	JP_2018_Hokkaido_02_EW	0.641	116.67	US_1989_Loma Prieta_04_90	0.818	203.39	US_1989_Loma Prieta_06_90	1.182	103.73	TW_1999_ChiChi_10_360	0.715	106.79	US_1992_Big Bear_270	0.745	196.25
	18	JP_2018_Hokkaido_02_EW	0.641	116.67	JP_2000_Tottori_05_NS	0.479	117.04	US_1994_Northridge_01_90	1.049	137.31	JP_2004_Chuet-su_06_EW	0.445	104.05	JP_1997_Kagoshima_EW	0.700	108.02	US_1992_Petrolia_Aftershock_01_90	0.940	145.33
	19	JP_2000_Tottori_05_NS	0.479	117.04	JP_1997_Kagoshima_EW	0.616	117.40	US_1994_Northridge_02_360	0.938	119.14	TW_1999_ChiChi_10_360	0.715	106.79	US_1994_Northridge_02_360	1.061	108.19	US_1994_Northridge_02_360	1.061	108.19
	20	JP_1997_Kagoshima_EW	0.616	117.40	US_1994_Northridge_02_360	0.938	119.14	US_1994_Northridge_02_90	0.896	99.82	JP_1997_Kagoshima_EW	0.700	108.02	JP_2011_15MAR_NS	0.543	113.87	US_1994_Northridge_02_90	0.940	96.84
MAPE	1	JP_2004_Chuet-su_07_EW	0.650	14.58	JP_2004_Chuet-su_07_EW	0.650	14.58	CH_2012_GO05_EW	2.523	28.32	JP_2004_Chuet-su_07_EW	0.685	14.14	JP_2004_Chuet-su_07_EW	0.685	14.14	CH_2014_Iquique_02_EW	2.697	14.68
	2	JP_2004_Chuet-su_07_NS	0.830	16.83	JP_2004_Chuet-su_07_NS	0.830	16.83	CH_2014_Iquique_02_EW	2.281	18.65	CH_2014_Iquique_02_EW	2.697	14.68	CH_2014_Iquique_02_EW	2.697	14.68	JP_2000_Tottori_01_EW	0.678	27.74
	3	CH_2014_Iquique_02_EW	2.281	18.65	CH_2014_Iquique_02_EW	2.281	18.65	JP_1997_Kagoshima_EW	0.616	28.34	US_1989_Loma Prieta_06_0	0.858	16.07	US_1989_Loma Prieta_06_0	0.858	16.07	JP_2011_Fukushima_02_NS	0.993	35.19
	4	JP_2009_Shizuoca_02_EW	0.978	19.31	JP_2009_Shizuoca_02_EW	0.978	19.31	JP_2000_Tottori_01_EW	0.714	28.56	US_1994_Northridge_01_90	1.394	16.47	US_1994_Northridge_01_90	1.394	16.47	JP_2016_Kumamoto_01_EW	0.505	24.20
	5	JP_2016_Kumamoto_05_EW	1.249	19.62	JP_2016_Kumamoto_05_EW	1.249	19.62	JP_2009_Shizuoca_01_EW	0.485	58.33	JP_2004_Chuet-su_07_NS	0.865	16.59	JP_2004_Chuet-su_07_NS	0.865	16.59	JP_2016_Kumamoto_01_NS	0.415	29.50
	6	US_1994_Northridge_02_90	0.896	19.75	US_1994_Northridge_02_90	0.896	19.75	JP_2011_Fukushima_04_NS	0.416	56.28	TW_1999_ChiChi_10_90	0.505	17.53	TW_1999_ChiChi_10_90	0.505	17.53	JP_2016_Kumamoto_06_EW	0.738	24.69
	7	TW_1999_ChiChi_08_90	0.704	20.03	TW_1999_ChiChi_08_90	0.704	20.03	JP_2016_Kumamoto_01_EW	0.460	24.90	TW_1999_ChiChi_08_90	0.648	18.41	TW_1999_ChiChi_08_90	0.648	18.41	JP_2018_Hokkaido_02_EW	0.670	22.56
	8	US_1994_Northridge_02_360	0.938	21.52	US_1994_Northridge_02_360	0.938	21.52	JP_2016_Kumamoto_04_EW	0.522	38.51	JP_2009_Shizuoca_02_EW	0.970	19.26	JP_2009_Shizuoca_02_EW	0.970	19.26	JP_2018_Hokkaido_04_EW	0.438	27.79

	9	TW_1999_ChiChi_08_360	0.88 1	21.61	TW_1999_ChiChi_08_360	0.88 1	21.61	JP_2016_Kumamoto_05_EW	1.24 9	19.62	JP_2016_Kumamoto_05_EW	1.21 2	19.43	JP_2016_Kumamoto_05_EW	1.21 2	19.43	JP_2018_Hokkaido_07_EW	0.31 8	40.48
	10	US_1989_Loma Prieta_06_90	1.21 5	21.76	US_1989_Loma Prieta_03_90	0.98 1	22.47	JP_2016_Kumamoto_06_EW	0.71 9	24.97	US_1994_Northridge_02_360	1.06 1	19.44	US_1994_Northridge_02_360	1.06 1	19.44	TW_1999_ChiChi_01_360	0.37 0	26.63
	11	US_1989_Loma Prieta_03_90	0.98 1	22.47	JP_2018_Hokkaido_02_EW	0.64 1	22.82	JP_2018_Hokkaido_02_EW	0.64 1	22.82	US_1994_Northridge_02_90	0.92 5	19.66	US_1994_Northridge_02_90	0.92 5	19.66	TW_1999_ChiChi_01_90	0.40 0	22.35
	12	JP_2018_Hokkaido_02_EW	0.64 1	22.82	JP_2004_Chuetsu_05_EW	0.43 9	22.96	JP_2018_Hokkaido_03_EW	0.47 7	33.88	US_1989_Loma Prieta_03_90	0.89 5	20.78	US_1989_Loma Prieta_03_90	0.89 5	20.78	TW_1999_ChiChi_04_90	0.77 5	35.94
	13	JP_2004_Chuetsu_05_EW	0.43 9	22.96	TW_1999_ChiChi_10_360	0.79 1	23.06	TW_1999_ChiChi_01_360	0.51 5	35.34	TW_1999_ChiChi_08_360	0.95 5	21.32	TW_1999_ChiChi_08_360	0.95 5	21.32	TW_1999_ChiChi_06_90	0.51 3	36.83
	14	TW_1999_ChiChi_10_360	0.79 1	23.06	US_1992_Petrolia_02_270	0.77 5	23.14	TW_1999_ChiChi_08_90	0.70 4	20.03	US_1989_Loma Prieta_06_90	1.15 2	21.37	US_1989_Loma Prieta_06_90	1.15 2	21.37	TW_1999_ChiChi_08_90	0.64 8	18.41
	15	US_1992_Petrolia_02_270	0.77 5	23.14	TW_1999_ChiChi_01_90	0.43 1	23.54	TW_1999_ChiChi_10_90	0.36 5	31.94	US_1989_Loma Prieta_05_195	1.97 0	21.51	US_1989_Loma Prieta_05_195	1.97 0	21.51	US_1989_Loma Prieta_02_90	0.82 8	34.89
	16	TW_1999_ChiChi_01_90	0.43 1	23.54	US_1989_Loma Prieta_05_195	2.20 8	24.11	US_1989_Loma Prieta_04_0	0.52 3	26.36	JP_2004_Chuetsu_06_EW	0.43 8	21.52	JP_2004_Chuetsu_06_EW	0.43 8	21.52	US_1989_Loma Prieta_03_0	0.77 5	26.53
	17	US_1989_Loma Prieta_05_195	2.20 8	24.11	JP_2016_Kumamoto_01_EW	0.46 0	24.90	US_1989_Loma Prieta_04_90	0.81 8	44.47	TW_1999_ChiChi_10_360	0.71 5	21.85	TW_1999_ChiChi_10_360	0.71 5	21.85	US_1989_Loma Prieta_04_0	0.55 8	25.93
	18	JP_2016_Kumamoto_01_EW	0.46 0	24.90	JP_2016_Kumamoto_06_EW	0.71 9	24.97	US_1994_Northridge_01_90	1.04 9	27.90	TW_1999_ChiChi_01_90	0.40 0	22.35	TW_1999_ChiChi_01_90	0.40 0	22.35	US_1992_Big Bear_270	0.84 3	40.89
	19	JP_2016_Kumamoto_06_EW	0.71 9	24.97	JP_2016_Kumamoto_03_NS	0.63 7	25.16	US_1994_Northridge_02_360	0.93 8	21.52	JP_2016_Kumamoto_03_EW	0.67 8	22.44	JP_2016_Kumamoto_03_EW	0.67 8	22.44	US_1994_Northridge_02_360	1.06 1	19.44
	20	JP_2016_Kumamoto_03_NS	0.63 7	25.16	JP_2011_15MAR_NS	0.57 4	25.54	US_1994_Northridge_02_90	0.89 6	19.75	JP_2018_Hokkaido_02_EW	0.67 0	22.56	JP_2018_Hokkaido_02_EW	0.67 0	22.56	US_1994_Northridge_02_90	0.92 5	19.66
MSE	1	JP_2004_Chuetsu_05_EW	0.43 9	7831.88	JP_2004_Chuetsu_05_EW	0.43 9	7831.88	CH_2012_GO05_EW	2.52 3	53434.83	JP_2004_Chuetsu_05_EW	0.46 0	7298.77	JP_2004_Chuetsu_07_EW	0.63 3	7889.09	CH_2014_Iquique_02_EW	2.42 4	12179.78
	2	JP_2004_Chuetsu_07_EW	0.65 0	8144.49	JP_2004_Chuetsu_07_EW	0.65 0	8144.49	CH_2014_Iquique_02_EW	2.28 1	13296.05	JP_2004_Chuetsu_07_EW	0.63 3	7889.09	TW_1999_ChiChi_10_90	0.47 5	9488.49	JP_1997_Kagoshima_EW	0.70 0	14103.01
	3	JP_2004_Chuetsu_07_NS	0.83 0	10793.10	JP_2004_Chuetsu_07_NS	0.83 0	10793.10	JP_1997_Kagoshima_EW	0.61 6	18942.19	TW_1999_ChiChi_10_90	0.47 5	9488.49	JP_2004_Chuetsu_07_NS	0.79 8	10220.80	JP_1997_Kagoshima_NS	0.86 5	47537.27
	4	CH_2014_Iquique_02_EW	2.28 1	13296.05	CH_2014_Iquique_02_EW	2.28 1	13296.05	JP_2000_Tottori_01_EW	0.71 4	24580.55	JP_2004_Chuetsu_07_NS	0.79 8	10220.80	US_1994_Northridge_01_90	1.33 3	11454.31	JP_2011_Fukushima_02_NS	1.27 3	49685.77
	5	TW_1999_ChiChi_08_360	0.88 1	13936.92	TW_1999_ChiChi_08_360	0.88 1	13936.92	JP_2009_Shizuoca_01_EW	0.48 5	87644.99	US_1989_Loma Prieta_06_0	0.94 8	10703.95	CH_2014_Iquique_02_EW	2.42 4	12179.78	JP_2016_28DEC_NS	0.92 5	115989.86
	6	JP_2016_Kumamoto_05_EW	1.24 9	15724.29	JP_2016_Kumamoto_05_EW	1.24 9	15724.29	JP_2011_Fukushima_04_NS	0.41 6	90086.59	US_1994_Northridge_01_90	1.33 3	11454.31	TW_1999_ChiChi_08_90	0.60 3	12652.65	JP_2016_Kumamoto_01_NS	0.37 0	37105.81
	7	US_1994_Northridge_02_90	0.89 6	16388.54	US_1994_Northridge_02_90	0.89 6	16388.54	JP_2016_Kumamoto_01_EW	0.46 0	22212.20	CH_2014_Iquique_02_EW	2.42 4	12179.78	JP_2004_14DEC_EW	0.37 8	13488.23	JP_2016_Kumamoto_03_EW	0.64 0	26233.40
	8	JP_2004_Chuetsu_05_NS	0.33 8	17303.71	JP_2004_Chuetsu_05_NS	0.33 8	17303.71	JP_2016_Kumamoto_04_EW	0.52 2	37153.16	TW_1999_ChiChi_08_90	0.60 3	12652.65	TW_1999_ChiChi_08_360	0.89 5	13883.12	JP_2016_Kumamoto_04_EW	0.59 5	32867.66
	9	US_1989_Loma Prieta_06_0	1.09 2	18490.69	US_1989_Loma Prieta_06_0	1.09 2	18490.69	JP_2016_Kumamoto_05_EW	1.24 9	15724.29	JP_2004_14DEC_EW	0.37 8	13488.23	JP_1997_Kagoshima_EW	0.70 0	14103.01	JP_2018_Hokkaido_02_EW	0.71 5	18900.15
	10	JP_2009_Shizuoca_02_EW	0.97 8	18860.55	JP_2009_Shizuoca_02_EW	0.97 8	18860.55	JP_2016_Kumamoto_06_EW	0.71 9	24323.03	TW_1999_ChiChi_08_360	0.89 5	13883.12	US_1994_Northridge_02_90	0.97 0	14412.45	JP_2018_Hokkaido_03_EW	0.46 0	40368.71
	11	JP_1997_Kagoshima_EW	0.61 6	18942.19	JP_1997_Kagoshima_EW	0.61 6	18942.19	JP_2018_Hokkaido_02_EW	0.64 1	22520.78	JP_1997_Kagoshima_EW	0.70 0	14103.01	JP_2016_Kumamoto_05_EW	1.21 2	15656.69	JP_2018_Hokkaido_04_EW	0.43 0	31588.25
	12	JP_2000_Tottori_05_NS	0.47 9	19122.73	JP_2000_Tottori_05_NS	0.47 9	19122.73	JP_2018_Hokkaido_03_EW	0.47 7	40758.23	US_1994_Northridge_02_90	0.97 0	14412.45	JP_2004_Chuetsu_06_EW	0.43 8	16209.90	JP_2018_Hokkaido_04_NS	0.40 0	38484.58
	13	TW_1999_ChiChi_10_360	0.79 1	19909.98	TW_1999_ChiChi_10_360	0.79 1	19909.98	TW_1999_ChiChi_01_360	0.51 5	45130.22	JP_2004_Chuetsu_05_NS	0.37 0	15029.94	US_1989_Loma Prieta_06_90	1.09 1	16245.99	JP_2018_Hokkaido_07_EW	0.27 3	43127.75
	14	US_1989_Loma Prieta_06_90	1.21 5	20046.15	US_1989_Loma Prieta_05_195	2.20 8	20445.58	TW_1999_ChiChi_08_90	0.70 4	21204.88	JP_2016_Kumamoto_05_EW	1.21 2	15656.69	US_1989_Loma Prieta_05_195	2.00 0	16893.46	TW_1999_ChiChi_01_360	0.41 5	27216.07
	15	US_1989_Loma Prieta_05_195	2.20 8	20445.58	JP_2011_15MAR_NS	0.57 4	20741.09	TW_1999_ChiChi_10_90	0.36 5	26955.71	JP_2004_Chuetsu_06_EW	0.43 8	16209.90	US_1989_Loma Prieta_03_90	0.88 0	17406.23	TW_1999_ChiChi_06_360	0.64 0	34999.78
	16	JP_2011_15MAR_NS	0.57 4	20741.09	TW_1999_ChiChi_08_90	0.70 4	21204.88	US_1989_Loma Prieta_04_0	0.52 3	28572.18	US_1989_Loma Prieta_06_90	1.09 1	16245.99	JP_2011_15MAR_NS	0.52 8	18037.38	TW_1999_ChiChi_06_90	0.54 3	50652.04
	17	TW_1999_ChiChi_08_90	0.70 4	21204.88	US_1989_Loma Prieta_03_90	0.98 1	21469.17	US_1989_Loma Prieta_04_90	0.81 8	80346.18	US_1989_Loma Prieta_05_195	2.00 0	16893.46	JP_2016_Kumamoto_01_EW	0.51 3	18380.06	TW_1999_ChiChi_08_90	0.60 3	12652.65
	18	US_1989_Loma Prieta_03_90	0.98 1	21469.17	JP_2016_Kumamoto_01_EW	0.46 0	22212.20	US_1994_Northridge_01_90	1.04 9	26827.16	US_1989_Loma Prieta_03_90	0.88 0	17406.23	JP_2009_Shizuoca_02_EW	0.94 8	18581.15	US_1989_Loma Prieta_03_0	0.61 8	23249.79
	19	JP_2016_Kumamoto_01_EW	0.46 0	22212.20	JP_2018_Hokkaido_02_EW	0.64 1	22520.78	US_1994_Northridge_02_360	0.93 8	26295.89	JP_2011_15MAR_NS	0.52 8	18037.38	JP_2000_Tottori_01_EW	0.63 3	18831.45	US_1989_Loma Prieta_04_0	0.52 8	28586.33
	20	JP_2018_Hokkaido_02_EW	0.64 1	22520.78	JP_2004_14DEC_EW	0.31 3	23261.02	US_1994_Northridge_02_90	0.89 6	16388.54	JP_2016_Kumamoto_01_EW	0.51 3	18380.06	US_1992_Petrolia_02_270	0.90 3	18892.89	US_1994_Northridge_02_90	0.97 0	14412.45
RMS E	1	JP_2004_Chuetsu_05_EW	0.43 9	88.50	JP_2004_Chuetsu_05_EW	0.43 9	88.50	CH_2012_GO05_EW	2.52 3	231.16	JP_2004_Chuetsu_05_EW	0.46 0	85.43	JP_2004_Chuetsu_07_EW	0.63 3	88.82	CH_2014_Iquique_02_EW	2.42 4	110.36
	2	JP_2004_Chuetsu_07_EW	0.65 0	90.25	JP_2004_Chuetsu_07_EW	0.65 0	90.25	CH_2014_Iquique_02_EW	2.28 1	115.31	JP_2004_Chuetsu_07_EW	0.63 3	88.82	TW_1999_ChiChi_10_90	0.47 5	97.41	JP_1997_Kagoshima_EW	0.70 0	118.76
	3	JP_2004_Chuetsu_07_NS	0.83 0	103.89	JP_2004_Chuetsu_07_NS	0.83 0	103.89	JP_1997_Kagoshima_EW	0.61 6	137.63	TW_1999_ChiChi_10_90	0.47 5	97.41	JP_2004_Chuetsu_07_NS	0.79 8	101.10	JP_1997_Kagoshima_NS	0.86 5	218.03
	4	CH_2014_Iquique_02_EW	2.28 1	115.31	CH_2014_Iquique_02_EW	2.28 1	115.31	JP_2000_Tottori_01_EW	0.71 4	156.78	JP_2004_Chuetsu_07_NS	0.79 8	101.10	US_1994_Northridge_01_90	1.33 3	107.02	JP_2011_Fukushima_02_NS	1.27 3	222.90
	5	TW_1999_ChiChi_08_360	0.88 1	118.05	TW_1999_ChiChi_08_360	0.88 1	118.05	JP_2009_Shizuoca_01_EW	0.48 5	296.05	US_1989_Loma Prieta_06_0	0.94 8	103.46	CH_2014_Iquique_02_EW	2.42 4	110.36	JP_2016_28DEC_NS	0.92 5	340.57
	6	JP_2016_Kumamoto_05_EW	1.24 9	125.40	JP_2016_Kumamoto_05_EW	1.24 9	125.40	JP_2011_Fukushima_04_NS	0.41 6	300.14	US_1994_Northridge_01_90	1.33 3	107.02	TW_1999_ChiChi_08_90	0.60 3	112.48	JP_2016_Kumamoto_01_NS	0.37 0	192.63
	7	US_1994_Northridge_02_90	0.89 6	128.02	US_1994_Northridge_02_90	0.89 6	128.02	JP_2016_Kumamoto_01_EW	0.46 0	149.04	CH_2014_Iquique_02_EW	2.42 4	110.36	JP_2004_14DEC_EW	0.37 8	116.14	JP_2016_Kumamoto_03_EW	0.64 0	161.97

	8	JP_2004_Chuet <u>su</u> _05_NS	0.33 8	131.54	JP_2004_Chuet <u>su</u> _05_NS	0.33 8	131.54	JP_2016_Kumamoto_04_ EW	0.52 2	192.75	TW_1999_ChiChi_08_90	0.60 3	112.48	TW_1999_ChiChi_08_360	0.89 5	117.83	JP_2016_Kumamoto_04_EW	0.59 5	181.29
	9	US_1989_Loma Prieta_06_0	1.09 2	135.98	US_1989_Loma Prieta_06_0	1.09 2	135.98	JP_2016_Kumamoto_05_ EW	1.24 9	125.40	JP_2004_14DEC_EW	0.37 8	116.14	JP_1997_Kagoshima_EW	0.70 0	118.76	JP_2018_Hokkaido_02_EW	0.71 5	137.48
	10	JP_2009_Shizuoca_02_EW	0.97 8	137.33	JP_2009_Shizuoca_02_EW	0.97 8	137.33	JP_2016_Kumamoto_06_ EW	0.71 9	155.96	TW_1999_ChiChi_08_360	0.89 5	117.83	US_1994_Northridge_02_9 0	0.97 0	120.05	JP_2018_Hokkaido_03_EW	0.46 0	200.92
	11	JP_1997_Kagoshima_EW	0.61 6	137.63	JP_1997_Kagoshima_EW	0.61 6	137.63	JP_2018_Hokkaido_02_E W	0.64 1	150.07	JP_1997_Kagoshima_EW	0.70 0	118.76	JP_2016_Kumamoto_05_E W	1.21 2	125.13	JP_2018_Hokkaido_04_EW	0.43 0	177.73
	12	JP_2000_Tottori_05_NS	0.47 9	138.28	JP_2000_Tottori_05_NS	0.47 9	138.28	JP_2018_Hokkaido_03_E W	0.47 7	201.89	US_1994_Northridge_02_9 0	0.97 0	120.05	JP_2004_Chuet <u>su</u> _06_EW	0.43 8	127.32	JP_2018_Hokkaido_04_NS	0.40 0	196.17
	13	TW_1999_ChiChi_10_360	0.79 1	141.10	TW_1999_ChiChi_10_360	0.79 1	141.10	TW_1999_ChiChi_01_360	0.51 5	212.44	JP_2004_Chuet <u>su</u> _05_NS	0.37 0	122.60	US_1989_Loma Prieta_06_90	1.09 1	127.46	JP_2018_Hokkaido_07_EW	0.27 3	207.67
	14	US_1989_Loma Prieta_06_90	1.21 5	141.58	US_1989_Loma Prieta_05_195	2.20 8	142.99	TW_1999_ChiChi_08_90	0.70 4	145.62	JP_2016_Kumamoto_05_E W	1.21 2	125.13	US_1989_Loma Prieta_05_195	2.00 0	129.97	TW_1999_ChiChi_01_360	0.41 5	164.97
	15	US_1989_Loma Prieta_05_195	2.20 8	142.99	JP_2011_15MAR_NS	0.57 4	144.02	TW_1999_ChiChi_10_90	0.36 5	164.18	JP_2004_Chuet <u>su</u> _06_EW	0.43 8	127.32	US_1989_Loma Prieta_03_90	0.88 0	131.93	TW_1999_ChiChi_06_360	0.64 0	187.08
	16	JP_2011_15MAR_NS	0.57 4	144.02	TW_1999_ChiChi_08_90	0.70 4	145.62	US_1989_Loma Prieta_04_0	0.52 3	169.03	US_1989_Loma Prieta_06_90	1.09 1	127.46	JP_2011_15MAR_NS	0.52 8	134.30	TW_1999_ChiChi_06_90	0.54 3	225.06
	17	TW_1999_ChiChi_08_90	0.70 4	145.62	US_1989_Loma Prieta_03_90	0.98 1	146.52	US_1989_Loma Prieta_04_90	0.81 8	283.45	US_1989_Loma Prieta_05_195	2.00 0	129.97	JP_2016_Kumamoto_01_E W	0.51 3	135.57	TW_1999_ChiChi_08_90	0.60 3	112.48
	18	US_1989_Loma Prieta_03_90	0.98 1	146.52	JP_2016_Kumamoto_01_E W	0.46 0	149.04	US_1994_Northridge_01_ 90	1.04 9	163.79	US_1989_Loma Prieta_03_90	0.88 0	131.93	JP_2009_Shizuoca_02_EW	0.94 8	136.31	US_1989_Loma Prieta_03_0	0.61 8	152.48
	19	JP_2016_Kumamoto_01_E W	0.46 0	149.04	JP_2018_Hokkaido_02_E W	0.64 1	150.07	US_1994_Northridge_02_ 360	0.93 8	162.16	JP_2011_15MAR_NS	0.52 8	134.30	JP_2000_Tottori_01_EW	0.63 3	137.23	US_1989_Loma Prieta_04_0	0.52 8	169.07
	20	JP_2018_Hokkaido_02_E W	0.64 1	150.07	JP_2004_14DEC_EW	0.31 3	152.52	US_1994_Northridge_02_ 90	0.89 6	128.02	JP_2016_Kumamoto_01_E W	0.51 3	135.57	US_1992_Petrolia_02_270	0.90 3	137.45	US_1994_Northridge_02_90	0.97 0	120.05

REGISTROS SELECCIONADOS CASO Ymr-I T=0.24s - TSepu-tr-975																			
Caso:		TSepu-tr-975_NSp_Sbs			TSepu-tr-975_NSp_Sci			TSepu-tr-975_NSp_Ssr			TSepu-tr-975_NSr_Sbs			TSepu-tr-975_NSr_Sci			TSepu-tr-975_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuet <u>su</u> _07_EW	0.81 5	75.91	JP_2004_Chuet <u>su</u> _07_EW	0.81 5	75.91	CH_2012_GO05_EW	3.16 2	182.97	JP_2004_Chuet <u>su</u> _07_EW	0.82 8	74.56	JP_2004_Chuet <u>su</u> _07_EW	0.82 8	74.56	CH_2012_GO05_EW	2.66 7	154.08
	2	JP_2004_Chuet <u>su</u> _05_EW	0.55 0	91.01	JP_2004_Chuet <u>su</u> _05_EW	0.55 0	91.01	CH_2014_Iquique_02_EW	2.85 9	118.14	JP_2004_Chuet <u>su</u> _05_EW	0.58 0	80.84	JP_2004_Chuet <u>su</u> _07_NS	1.03 0	94.15	CH_2014_Iquique_02_EW	3.27 3	106.44
	3	JP_2004_Chuet <u>su</u> _07_NS	1.04 0	94.12	JP_2004_Chuet <u>su</u> _07_NS	1.04 0	94.12	JP_1997_Kagoshima_EW	0.77 2	150.17	JP_2004_Chuet <u>su</u> _07_NS	1.03 0	94.15	TW_1999_ChiChi_10_90	0.64 0	101.89	JP_2000_Tottori_01_EW	0.82 8	148.29
	4	CH_2014_Iquique_02_EW	2.85 9	118.14	CH_2014_Iquique_02_EW	2.85 9	118.14	JP_2000_Tottori_01_EW	0.89 5	156.96	TW_1999_ChiChi_10_90	0.64 0	101.89	US_1994_Northridge_01_9 0	1.69 7	104.38	JP_2007_Noto_01_NS	0.55 8	207.22
	5	TW_1999_ChiChi_08_360	1.10 5	119.44	TW_1999_ChiChi_08_360	1.10 5	119.44	JP_2009_Shizuoca_01_EW	0.60 7	331.40	US_1994_Northridge_01_9 0	1.69 7	104.38	CH_2014_Iquique_02_EW	3.27 3	106.44	JP_2007_Noto_02_NS	1.06 1	168.45
	6	JP_2009_Shizuoca_02_EW	1.22 5	124.56	JP_2009_Shizuoca_02_EW	1.22 5	124.56	JP_2009_Shizuoca_01_NS	0.74 3	298.27	CH_2014_Iquique_02_EW	3.27 3	106.44	TW_1999_ChiChi_08_90	0.77 5	110.56	JP_2009_Shizuoca_02_NS	1.45 5	189.54
	7	TW_1999_ChiChi_08_90	0.88 2	129.42	TW_1999_ChiChi_08_90	0.88 2	129.42	JP_2016_14APR_EW	0.76 1	300.58	TW_1999_ChiChi_08_90	0.77 5	110.56	US_1989_Loma Prieta_06_0	1.18 2	115.80	JP_2011_15MAR_NS	0.65 5	142.57
	8	US_1989_Loma Prieta_06_90	1.52 3	129.64	JP_2016_Kumamoto_05_E W	1.56 6	130.88	JP_2016_Kumamoto_01_E W	0.57 6	159.71	US_1989_Loma Prieta_06_0	1.18 2	115.80	TW_1999_ChiChi_08_360	1.12 1	119.30	JP_2016_Kumamoto_01_EW	0.67 0	150.50
	9	JP_2016_Kumamoto_05_E W	1.56 6	130.88	US_1994_Northridge_02_9 0	1.12 3	135.57	JP_2016_Kumamoto_03_E W	0.73 1	174.55	TW_1999_ChiChi_08_360	1.12 1	119.30	JP_2004_14DEC_EW	0.48 3	121.08	JP_2016_Kumamoto_04_NS	0.88 8	208.32
	10	US_1994_Northridge_02_9 0	1.12 3	135.57	US_1989_Loma Prieta_05_195	2.76 7	137.13	JP_2016_Kumamoto_04_E W	0.65 4	218.00	JP_2004_14DEC_EW	0.48 3	121.08	JP_2009_Shizuoca_02_EW	1.24 2	124.86	JP_2016_Kumamoto_06_EW	0.95 5	150.96
	11	US_1989_Loma Prieta_05_195	2.76 7	137.13	US_1989_Loma Prieta_03_90	1.22 9	137.48	JP_2016_Kumamoto_06_N S	0.84 8	146.10	JP_2009_Shizuoca_02_EW	1.24 2	124.86	US_1994_Northridge_02_9 0	1.21 2	128.84	JP_2018_Hokkaido_02_EW	0.87 3	146.41
	12	US_1989_Loma Prieta_03_90	1.22 9	137.48	US_1989_Loma Prieta_06_0	1.36 8	138.02	JP_2018_Hokkaido_02_EW	0.80 4	153.24	US_1994_Northridge_02_9 0	1.21 2	128.84	JP_2004_Chuet <u>su</u> _06_EW	0.57 3	129.53	JP_2018_Hokkaido_04_NS	0.47 5	205.34
	13	US_1989_Loma Prieta_06_0	1.36 8	138.02	JP_2004_Chuet <u>su</u> _05_NS	0.42 4	139.79	JP_2018_Hokkaido_04_EW	0.52 1	169.70	JP_2004_Chuet <u>su</u> _06_EW	0.57 3	129.53	US_1989_Loma Prieta_06_90	1.51 5	129.61	JP_2018_Hokkaido_07_EW	0.35 5	228.16
	14	JP_2004_Chuet <u>su</u> _05_NS	0.42 4	139.79	JP_2011_15MAR_NS	0.71 9	143.38	JP_2018_Hokkaido_04_NS	0.45 0	205.98	US_1989_Loma Prieta_06_90	1.51 5	129.61	JP_2016_Kumamoto_05_E W	1.57 6	131.10	TW_1999_ChiChi_01_360	0.49 0	177.80
	15	JP_2011_15MAR_NS	0.71 9	143.38	JP_2016_Kumamoto_06_N S	0.84 8	146.10	TW_1999_ChiChi_01_90	0.54 0	164.08	JP_2004_Chuet <u>su</u> _05_NS	0.45 3	130.09	JP_1997_Kagoshima_EW	0.89 5	133.99	TW_1999_ChiChi_06_360	0.94 8	203.05
	16	JP_2016_Kumamoto_06_N S	0.84 8	146.10	JP_2000_Tottori_05_NS	0.60 0	146.30	TW_1999_ChiChi_08_90	0.88 2	129.42	JP_2016_Kumamoto_05_E W	1.57 6	131.10	US_1989_Loma Prieta_03_90	1.15 2	134.36	TW_1999_ChiChi_06_90	0.70 8	246.91
	17	JP_2000_Tottori_05_NS	0.60 0	146.30	JP_1997_Kagoshima_EW	0.77 2	150.17	US_1989_Loma Prieta_05_195	2.76 7	137.13	JP_1997_Kagoshima_EW	0.89 5	133.99	US_1989_Loma Prieta_05_195	2.69 7	135.78	US_1989_Loma Prieta_04_0	0.66 3	160.25
	18	JP_1997_Kagoshima_EW	0.77 2	150.17	JP_2018_Hokkaido_02_EW	0.80 4	153.24	US_1992_Big Bear_270	0.93 5	244.43	US_1989_Loma Prieta_03_90	1.15 2	134.36	US_1994_Northridge_02_3 60	1.30 3	140.17	US_1989_Loma Prieta_05_195	2.69 7	135.78
	19	JP_2018_Hokkaido_02_EW	0.80 4	153.24	TW_1999_ChiChi_10_360	0.99 2	153.59	US_1992_Big Bear_360	0.70 6	261.37	US_1989_Loma Prieta_05_195	2.69 7	135.78	JP_2011_15MAR_NS	0.65 5	142.57	US_1989_Loma Prieta_05_285	1.12 1	176.37
	20	TW_1999_ChiChi_10_360	0.99 2	153.59	US_1994_Northridge_02_3 60	1.17 5	154.06	US_1994_Northridge_02_9 0	1.12 3	135.57	JP_2016_Kumamoto_06_N S	0.89 5	136.47	JP_2000_Tottori_05_NS	0.64 0	142.97	US_1992_Big Bear_270	0.94 0	244.50

MAP E	1	JP_2004_Chuetstu_07_EW	0.81 5	13.95	JP_2004_Chuetstu_07_EW	0.81 5	13.95	CH_2012_GO05_EW	3.16 2	26.84	JP_2004_Chuetstu_07_EW	0.85 0	13.32	JP_2004_Chuetstu_07_EW	0.85 0	13.32	CH_2012_GO05_EW	2.69 7	24.17
	2	JP_2004_Chuetstu_07_NS	1.04 0	15.27	JP_2004_Chuetstu_07_NS	1.04 0	15.27	CH_2014_Iquique_02_EW	2.85 9	18.63	CH_2014_Iquique_02_EW	3.39 4	14.28	CH_2014_Iquique_02_EW	3.39 4	14.28	CH_2012_GO05_NS	4.00 0	30.40
	3	CH_2014_Iquique_02_EW	2.85 9	18.63	CH_2014_Iquique_02_EW	2.85 9	18.63	JP_1997_Kagoshima_EW	0.77 2	28.45	JP_2004_Chuetstu_07_NS	1.06 1	15.13	JP_2004_Chuetstu_07_NS	1.06 1	15.13	CH_2014_Iquique_02_EW	3.39 4	14.28
	4	JP_2016_Kumamoto_05_E W	1.56 6	19.88	JP_2016_Kumamoto_05_E W	1.56 6	19.88	JP_2000_Tottori_01_EW	0.89 5	28.27	US_1989_Loma Prieta_06_0	1.06 1	16.71	US_1989_Loma Prieta_06_0	1.06 1	16.71	JP_1997_Kagoshima_NS	1.15 2	29.05
	5	JP_2009_Shizuoca_02_EW	1.22 5	19.91	JP_2009_Shizuoca_02_EW	1.22 5	19.91	JP_2009_Shizuoca_01_EW	0.60 7	58.47	US_1994_Northridge_01_9 0	1.72 7	16.78	US_1994_Northridge_01_9 0	1.72 7	16.78	JP_2000_Tottori_01_EW	0.85 0	27.87
	6	TW_1999_ChiChi_08_90	0.88 2	20.22	TW_1999_ChiChi_08_90	0.88 2	20.22	JP_2009_Shizuoca_01_NS	0.74 3	52.38	TW_1999_ChiChi_10_90	0.65 5	17.35	TW_1999_ChiChi_10_90	0.65 5	17.35	JP_2011_Fukushima_02_NS	1.24 2	35.75
	7	TW_1999_ChiChi_08_360	1.10 5	20.67	TW_1999_ChiChi_08_360	1.10 5	20.67	JP_2016_14APR_EW	0.76 1	52.41	TW_1999_ChiChi_08_90	0.80 5	18.17	TW_1999_ChiChi_08_90	0.80 5	18.17	JP_2016_Kumamoto_01_EW	0.63 3	24.29
	8	US_1989_Loma Prieta_06_90	1.52 3	20.92	US_1994_Northridge_02_9 0	1.12 3	21.12	JP_2016_Kumamoto_01_E W	0.57 6	25.04	US_1994_Northridge_02_3 60	1.30 3	19.46	US_1994_Northridge_02_3 60	1.30 3	19.46	JP_2016_Kumamoto_01_NS	0.52 8	28.23
	9	US_1994_Northridge_02_9 0	1.12 3	21.12	US_1994_Northridge_02_3 60	1.17 5	21.33	JP_2016_Kumamoto_03_E W	0.73 1	25.53	JP_2016_Kumamoto_05_E W	1.51 5	19.62	JP_2016_Kumamoto_05_E W	1.51 5	19.62	JP_2016_Kumamoto_04_NS	0.89 5	36.50
	10	US_1994_Northridge_02_3 60	1.17 5	21.33	US_1989_Loma Prieta_03_90	1.22 9	22.25	JP_2016_Kumamoto_04_E W	0.65 4	38.36	JP_2009_Shizuoca_02_EW	1.21 2	19.94	JP_2009_Shizuoca_02_EW	1.21 2	19.94	JP_2016_Kumamoto_06_EW	0.95 5	25.18
	11	US_1989_Loma Prieta_03_90	1.22 9	22.25	JP_2004_Chuetstu_05_EW	0.55 0	22.50	JP_2016_Kumamoto_06_N S	0.84 8	25.93	TW_1999_ChiChi_08_360	1.18 2	20.01	TW_1999_ChiChi_08_360	1.18 2	20.01	JP_2018_Hokkaido_02_EW	0.86 5	23.20
	12	JP_2004_Chuetstu_05_EW	0.55 0	22.50	TW_1999_ChiChi_01_90	0.54 0	23.09	JP_2018_Hokkaido_02_EW	0.80 4	23.94	US_1989_Loma Prieta_06_90	1.39 4	20.53	US_1989_Loma Prieta_06_90	1.39 4	20.53	JP_2018_Hokkaido_04_EW	0.55 8	26.66
	13	TW_1999_ChiChi_01_90	0.54 0	23.09	JP_2018_Hokkaido_02_EW	0.80 4	23.94	JP_2018_Hokkaido_04_EW	0.52 1	27.81	US_1989_Loma Prieta_03_90	1.12 1	20.55	US_1989_Loma Prieta_03_90	1.12 1	20.55	JP_2018_Hokkaido_04_NS	0.47 5	33.88
	14	JP_2018_Hokkaido_02_EW	0.80 4	23.94	US_1992_Petrolia_02_270	0.97 1	24.40	JP_2018_Hokkaido_04_NS	0.45 0	33.95	US_1994_Northridge_02_9 0	1.18 2	20.92	US_1994_Northridge_02_9 0	1.18 2	20.92	TW_1999_ChiChi_01_90	0.51 3	22.30
	15	US_1992_Petrolia_02_270	0.97 1	24.40	US_1989_Loma Prieta_05_195	2.76 7	24.89	TW_1999_ChiChi_01_90	0.54 0	23.09	JP_2004_Chuetstu_06_EW	0.55 0	21.67	JP_2004_Chuetstu_06_EW	0.55 0	21.67	TW_1999_ChiChi_06_90	0.67 8	38.46
	16	JP_2004_Chuetstu_06_NS	0.60 7	24.41	TW_1999_ChiChi_10_360	0.99 2	25.03	TW_1999_ChiChi_08_90	0.88 2	20.22	TW_1999_ChiChi_01_90	0.51 3	22.30	TW_1999_ChiChi_01_90	0.51 3	22.30	TW_1999_ChiChi_08_360	1.18 2	20.01
	17	US_1989_Loma Prieta_05_195	2.76 7	24.89	JP_2016_Kumamoto_01_E W	0.57 6	25.04	US_1989_Loma Prieta_05_195	2.76 7	24.89	JP_2004_Chuetstu_05_EW	0.55 8	22.40	JP_2016_Kumamoto_03_E W	0.82 8	22.60	TW_1999_ChiChi_08_90	0.80 5	18.17
	18	TW_1999_ChiChi_10_360	0.99 2	25.03	JP_2016_Kumamoto_03_N S	0.79 9	25.13	US_1992_Big Bear_270	0.93 5	41.81	JP_2016_Kumamoto_03_E W	0.82 8	22.60	JP_2004_Chuetstu_06_NS	0.55 0	23.09	US_1987_WhittierNarrows_01_270	1.42 4	26.96
	19	JP_2016_Kumamoto_01_E W	0.57 6	25.04	JP_2011_15MAR_NS	0.71 9	25.18	US_1992_Big Bear_360	0.70 6	46.42	JP_2004_Chuetstu_06_NS	0.55 0	23.09	US_1989_Loma Prieta_05_195	2.39 4	23.19	US_1989_Loma Prieta_04_0	0.71 5	24.69
	20	JP_2016_Kumamoto_03_N S	0.79 9	25.13	US_1989_Loma Prieta_04_0	0.65 5	25.50	US_1994_Northridge_02_9 0	1.12 3	21.12	US_1989_Loma Prieta_05_195	2.39 4	23.19	JP_2018_Hokkaido_02_EW	0.86 5	23.20	US_1989_Loma Prieta_05_285	1.09 1	24.90
MSE	1	JP_2004_Chuetstu_07_EW	0.81 5	11912.7 4	JP_2004_Chuetstu_07_EW	0.81 5	11912.7 4	CH_2012_GO05_EW	3.16 2	75041.66	JP_2004_Chuetstu_07_EW	0.80 5	11832.9 3	JP_2004_Chuetstu_07_EW	0.80 5	11832.9 3	CH_2012_GO05_NS	3.84 8	37280.1 0
	2	JP_2004_Chuetstu_05_EW	0.55 0	13712.8 1	JP_2004_Chuetstu_05_EW	0.55 0	13712.8 1	CH_2014_Iquique_02_EW	2.85 9	21700.70	JP_2004_Chuetstu_05_EW	0.58 0	12151.4 6	JP_2004_Chuetstu_07_NS	1.03 0	13785.7 4	CH_2014_Iquique_02_EW	3.09 1	18916.9 5
	3	JP_2004_Chuetstu_07_NS	1.04 0	13984.3 3	JP_2004_Chuetstu_07_NS	1.04 0	13984.3 3	JP_1997_Kagoshima_EW	0.77 2	31921.73	JP_2004_Chuetstu_07_NS	1.03 0	13785.7 4	TW_1999_ChiChi_10_90	0.60 3	15071.7 4	JP_2000_Tottori_01_EW	0.80 5	29231.1 2
	4	TW_1999_ChiChi_08_360	1.10 5	20601.3 0	TW_1999_ChiChi_08_360	1.10 5	20601.3 0	JP_2000_Tottori_01_EW	0.89 5	36267.13	TW_1999_ChiChi_10_90	0.60 3	15071.7 4	CH_2014_Iquique_02_EW	3.09 1	18916.9 5	JP_2007_Noto_01_NS	0.55 8	59429.0 7
	5	CH_2014_Iquique_02_EW	2.85 9	21700.7 0	CH_2014_Iquique_02_EW	2.85 9	21700.7 0	JP_2009_Shizuoca_01_EW	0.60 7	141178.1 1	CH_2014_Iquique_02_EW	3.09 1	18916.9 5	TW_1999_ChiChi_08_90	0.76 8	19761.9 4	JP_2007_Noto_02_NS	1.00 0	54179.7 2
	6	JP_2016_Kumamoto_05_E W	1.56 6	27663.3 7	JP_2016_Kumamoto_05_E W	1.56 6	27663.3 7	JP_2009_Shizuoca_01_NS	0.74 3	106861.9 7	TW_1999_ChiChi_08_90	0.76 8	19761.9 4	JP_2004_14DEC_EW	0.48 3	19984.2 9	JP_2009_Shizuoca_02_NS	1.39 4	45728.5 5
	7	JP_2009_Shizuoca_02_EW	1.22 5	28599.8 1	JP_2009_Shizuoca_02_EW	1.22 5	28599.8 1	JP_2016_14APR_EW	0.76 1	113752.3 7	US_1989_Loma Prieta_06_0	1.21 2	19965.6 1	TW_1999_ChiChi_08_360	1.15 2	20225.7 5	JP_2011_15MAR_NS	0.67 0	29048.7 1
	8	JP_2000_Tottori_05_NS	0.60 0	28604.2 9	JP_2000_Tottori_05_NS	0.60 0	28604.2 9	JP_2016_Kumamoto_01_E W	0.57 6	37872.39	JP_2004_14DEC_EW	0.48 3	19984.2 9	US_1994_Northridge_01_9 0	1.69 7	20257.9 4	JP_2016_Kumamoto_01_EW	0.65 5	30183.8 2
	9	US_1994_Northridge_02_9 0	1.12 3	28610.7 7	US_1994_Northridge_02_9 0	1.12 3	28610.7 7	JP_2016_Kumamoto_03_E W	0.73 1	50874.51	TW_1999_ChiChi_08_360	1.15 2	20225.7 5	JP_1997_Kagoshima_EW	0.89 5	22350.1 5	JP_2016_Kumamoto_04_NS	0.82 0	58277.2 5
	10	JP_2004_Chuetstu_05_NS	0.42 4	29080.4 2	JP_2004_Chuetstu_05_NS	0.42 4	29080.4 2	JP_2016_Kumamoto_04_E W	0.65 4	59338.55	US_1994_Northridge_01_9 0	1.69 7	20257.9 4	JP_2004_Chuetstu_06_EW	0.55 0	24274.4 1	JP_2016_Kumamoto_05_EW	1.54 5	27665.0 4
	11	US_1989_Loma Prieta_06_0	1.36 8	30303.7 1	US_1989_Loma Prieta_06_0	1.36 8	30303.7 1	JP_2016_Kumamoto_06_N S	0.84 8	41510.99	JP_1997_Kagoshima_EW	0.89 5	22350.1 5	US_1994_Northridge_02_9 0	1.24 2	24363.0 6	JP_2018_Hokkaido_04_NS	0.51 3	61603.0 9
	12	US_1989_Loma Prieta_06_90	1.52 3	30547.4 0	TW_1999_ChiChi_08_90	0.88 2	30798.0 0	JP_2018_Hokkaido_02_EW	0.80 4	38765.76	JP_2004_Chuetstu_05_NS	0.46 8	24152.2 5	US_1989_Loma Prieta_06_90	1.39 4	26074.8 6	JP_2018_Hokkaido_07_EW	0.34 8	65036.3 9
	13	TW_1999_ChiChi_08_90	0.88 2	30798.0 0	JP_1997_Kagoshima_EW	0.77 2	31921.7 3	JP_2018_Hokkaido_04_EW	0.52 1	49921.51	JP_2004_Chuetstu_06_EW	0.55 0	24274.4 1	JP_2016_Kumamoto_05_E W	1.54 5	27665.0 4	TW_1999_ChiChi_01_360	0.52 8	44716.8 9
	14	JP_1997_Kagoshima_EW	0.77 2	31921.7 3	JP_2011_15MAR_NS	0.71 9	32052.0 7	JP_2018_Hokkaido_04_NS	0.45 0	68331.26	US_1994_Northridge_02_9 0	1.24 2	24363.0 6	JP_2000_Tottori_05_NS	0.62 5	27825.4 0	TW_1999_ChiChi_06_90	0.69 3	85061.1 9
	15	JP_2011_15MAR_NS	0.71 9	32052.0 7	US_1989_Loma Prieta_05_195	2.76 7	34296.8 6	TW_1999_ChiChi_01_90	0.54 0	51557.04	US_1989_Loma Prieta_06_90	1.39 4	26074.8 6	JP_2009_Shizuoca_02_EW	1.21 2	28509.6 6	TW_1999_ChiChi_08_90	0.76 8	19761.9 4
	16	US_1989_Loma Prieta_05_195	2.76 7	34296.8 6	US_1989_Loma Prieta_03_90	1.22 9	34441.8 2	TW_1999_ChiChi_08_90	0.88 2	30798.00	JP_2016_Kumamoto_05_E W	1.54 5	27665.0 4	JP_2011_15MAR_NS	0.67 0	29048.7 1	US_1989_Loma Prieta_02_90	0.79 0	68481.1 9
	17	US_1989_Loma Prieta_03_90	1.22 9	34441.8 2	TW_1999_ChiChi_10_360	0.99 2	36636.8 9	US_1989_Loma Prieta_05_195	2.76 7	34296.86	JP_2000_Tottori_05_NS	0.62 5	27825.4 0	JP_2000_Tottori_01_EW	0.80 5	29231.1 2	US_1989_Loma Prieta_03_0	0.79 0	38949.5 0
	18	JP_2000_Tottori_01_EW	0.89 5	36267.1 3	JP_2016_Kumamoto_01_E W	0.57 6	37872.3 9	US_1992_Big Bear_270	0.93 5	78133.65	JP_2009_Shizuoca_02_EW	1.21 2	28509.6 6	US_1989_Loma Prieta_03_90	1.12 1	29472.7 3	US_1989_Loma Prieta_04_0	0.67 0	43318.1 4
	19	TW_1999_ChiChi_10_360	0.99 2	36636.8 9	JP_2004_14DEC_EW	0.39 2	38346.1 1	US_1992_Big Bear_360	0.70 6	88281.41	JP_2011_15MAR_NS	0.67 0	29048.7 1	US_1989_Loma Prieta_05_195	2.54 5	29927.1 3	US_1989_Loma Prieta_05_195	2.54 5	29927.1 3

	20	JP_2016_Kumamoto_01_E W	0.576	37872.39	JP_2018_Hokkaido_02_EW	0.804	38765.76	US_1994_Northridge_02_90	1.123	28610.77	JP_2000_Tottori_01_EW	0.805	29231.12	JP_2016_Kumamoto_01_E W	0.655	30183.82	US_1992_Big Bear_270	0.858	74254.17
RMS E	1	JP_2004_Chuetstu_07_EW	0.815	109.15	JP_2004_Chuetstu_07_EW	0.815	109.15	CH_2012_GO05_EW	3.162	273.94	JP_2004_Chuetstu_07_EW	0.805	108.78	JP_2004_Chuetstu_07_EW	0.805	108.78	CH_2012_GO05_NS	3.848	193.08
	2	JP_2004_Chuetstu_05_EW	0.550	117.10	JP_2004_Chuetstu_05_EW	0.550	117.10	CH_2014_Iquique_02_EW	2.859	147.31	JP_2004_Chuetstu_05_EW	0.580	110.23	JP_2004_Chuetstu_07_NS	1.030	117.41	CH_2014_Iquique_02_EW	3.091	137.54
	3	JP_2004_Chuetstu_07_NS	1.040	118.26	JP_2004_Chuetstu_07_NS	1.040	118.26	JP_1997_Kagoshima_EW	0.772	178.67	JP_2004_Chuetstu_07_NS	1.030	117.41	TW_1999_ChiChi_10_90	0.603	122.77	JP_2000_Tottori_01_EW	0.805	170.97
	4	TW_1999_ChiChi_08_360	1.105	143.53	TW_1999_ChiChi_08_360	1.105	143.53	JP_2000_Tottori_01_EW	0.895	190.44	TW_1999_ChiChi_10_90	0.603	122.77	CH_2014_Iquique_02_EW	3.091	137.54	JP_2007_Noto_01_NS	0.558	243.78
	5	CH_2014_Iquique_02_EW	2.859	147.31	CH_2014_Iquique_02_EW	2.859	147.31	JP_2009_Shizuoca_01_EW	0.607	375.74	CH_2014_Iquique_02_EW	3.091	137.54	TW_1999_ChiChi_08_90	0.768	140.58	JP_2007_Noto_02_NS	1.000	232.77
	6	JP_2016_Kumamoto_05_E W	1.566	166.32	JP_2016_Kumamoto_05_E W	1.566	166.32	JP_2009_Shizuoca_01_NS	0.743	326.90	TW_1999_ChiChi_08_90	0.768	140.58	JP_2004_14DEC_EW	0.483	141.37	JP_2009_Shizuoca_02_NS	1.394	213.84
	7	JP_2009_Shizuoca_02_EW	1.225	169.11	JP_2009_Shizuoca_02_EW	1.225	169.11	JP_2016_14APR_EW	0.761	337.27	US_1989_Loma Prieta_06_0	1.212	141.30	TW_1999_ChiChi_08_360	1.152	142.22	JP_2011_15MAR_NS	0.670	170.44
	8	JP_2000_Tottori_05_NS	0.600	169.13	JP_2000_Tottori_05_NS	0.600	169.13	JP_2016_Kumamoto_01_E W	0.576	194.61	JP_2004_14DEC_EW	0.483	141.37	US_1994_Northridge_01_90	1.697	142.33	JP_2016_Kumamoto_01_EW	0.655	173.73
	9	US_1994_Northridge_02_90	1.123	169.15	US_1994_Northridge_02_90	1.123	169.15	JP_2016_Kumamoto_03_E W	0.731	225.55	TW_1999_ChiChi_08_360	1.152	142.22	JP_1997_Kagoshima_EW	0.895	149.50	JP_2016_Kumamoto_04_NS	0.820	241.41
	10	JP_2004_Chuetstu_05_NS	0.424	170.53	JP_2004_Chuetstu_05_NS	0.424	170.53	JP_2016_Kumamoto_04_E W	0.654	243.60	US_1994_Northridge_01_90	1.697	142.33	JP_2004_Chuetstu_06_EW	0.550	155.80	JP_2016_Kumamoto_05_EW	1.545	166.33
	11	US_1989_Loma Prieta_06_0	1.368	174.08	US_1989_Loma Prieta_06_0	1.368	174.08	JP_2016_Kumamoto_06_N S	0.848	203.74	JP_1997_Kagoshima_EW	0.895	149.50	US_1994_Northridge_02_90	1.242	156.09	JP_2018_Hokkaido_04_NS	0.513	248.20
	12	US_1989_Loma Prieta_06_90	1.523	174.78	TW_1999_ChiChi_08_90	0.882	175.49	JP_2018_Hokkaido_02_EW	0.804	196.89	JP_2004_Chuetstu_05_NS	0.468	155.41	US_1989_Loma Prieta_06_90	1.394	161.48	JP_2018_Hokkaido_07_EW	0.348	255.02
	13	TW_1999_ChiChi_08_90	0.882	175.49	JP_1997_Kagoshima_EW	0.772	178.67	JP_2018_Hokkaido_04_EW	0.521	223.43	JP_2004_Chuetstu_06_EW	0.550	155.80	JP_2016_Kumamoto_05_E W	1.545	166.33	TW_1999_ChiChi_01_360	0.528	211.46
	14	JP_1997_Kagoshima_EW	0.772	178.67	JP_2011_15MAR_NS	0.719	179.03	JP_2018_Hokkaido_04_NS	0.450	261.40	US_1994_Northridge_02_90	1.242	156.09	JP_2000_Tottori_05_NS	0.625	166.81	TW_1999_ChiChi_06_90	0.693	291.65
	15	JP_2011_15MAR_NS	0.719	179.03	US_1989_Loma Prieta_05_195	2.767	185.19	TW_1999_ChiChi_01_90	0.540	227.06	US_1989_Loma Prieta_06_90	1.394	161.48	JP_2009_Shizuoca_02_EW	1.212	168.85	TW_1999_ChiChi_08_90	0.768	140.58
	16	US_1989_Loma Prieta_05_195	2.767	185.19	US_1989_Loma Prieta_03_90	1.229	185.59	TW_1999_ChiChi_08_90	0.882	175.49	JP_2016_Kumamoto_05_E W	1.545	166.33	JP_2011_15MAR_NS	0.670	170.44	US_1989_Loma Prieta_02_90	0.790	261.69
	17	US_1989_Loma Prieta_03_90	1.229	185.59	TW_1999_ChiChi_10_360	0.992	191.41	US_1989_Loma Prieta_05_195	2.767	185.19	JP_2000_Tottori_05_NS	0.625	166.81	JP_2000_Tottori_01_EW	0.805	170.97	US_1989_Loma Prieta_03_0	0.790	197.36
	18	JP_2000_Tottori_01_EW	0.895	190.44	JP_2016_Kumamoto_01_E W	0.576	194.61	US_1992_Big Bear_270	0.935	279.52	JP_2009_Shizuoca_02_EW	1.212	168.85	US_1989_Loma Prieta_03_90	1.121	171.68	US_1989_Loma Prieta_04_0	0.670	208.13
	19	TW_1999_ChiChi_10_360	0.992	191.41	JP_2004_14DEC_EW	0.392	195.82	US_1992_Big Bear_360	0.706	297.12	JP_2011_15MAR_NS	0.670	170.44	US_1989_Loma Prieta_05_195	2.545	172.99	US_1989_Loma Prieta_05_195	2.545	172.99
	20	JP_2016_Kumamoto_01_E W	0.576	194.61	JP_2018_Hokkaido_02_EW	0.804	196.89	US_1994_Northridge_02_90	1.123	169.15	JP_2000_Tottori_01_EW	0.805	170.97	JP_2016_Kumamoto_01_E W	0.655	173.73	US_1992_Big Bear_270	0.858	272.50

REGISTROS SELECCIONADOS CASO Ymr-I T=0.24s - TSepu-tr-2475																			
Caso:		TSepu-tr-2475_NSp_Sbs			TSepu-tr-2475_NSp_Sci			TSepu-tr-2475_NSp_Ssr			TSepu-tr-2475_NSr_Sbs			TSepu-tr-2475_NSr_Sci			TSepu-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetstu_07_EW	1.021	107.99	JP_2004_Chuetstu_07_EW	1.021	107.99	CH_2014_Iquique_02_EW	3.581	163.98	JP_2004_Chuetstu_05_EW	0.745	101.27	JP_2004_Chuetstu_07_EW	1.061	104.65	CH_2012_GO05_EW	3.364	203.17
	2	JP_2004_Chuetstu_05_EW	0.688	120.50	JP_2004_Chuetstu_05_EW	0.688	120.50	JP_2000_Tottori_01_EW	1.121	208.58	JP_2004_Chuetstu_07_EW	1.061	104.65	JP_2004_Chuetstu_07_NS	1.333	130.96	CH_2012_GO05_NS	4.000	259.15
	3	JP_2004_Chuetstu_07_NS	1.303	130.97	JP_2004_Chuetstu_07_NS	1.303	130.97	JP_2004_Chuetstu_05_NS	0.531	183.32	JP_2004_Chuetstu_07_NS	1.333	130.96	US_1994_Northridge_01_90	2.121	134.07	JP_2000_Tottori_01_EW	1.030	200.70
	4	JP_2009_Shizuoca_02_EW	1.535	152.95	JP_2009_Shizuoca_02_EW	1.535	152.95	JP_2008_Iwate_02_NS	0.355	396.50	US_1994_Northridge_01_90	2.121	134.07	TW_1999_ChiChi_10_90	0.820	140.13	JP_2004_Chuetstu_05_NS	0.573	170.61
	5	US_1989_Loma Prieta_06_0	1.714	159.04	US_1989_Loma Prieta_06_0	1.714	159.04	JP_2009_Shizuoca_01_EW	0.761	435.92	TW_1999_ChiChi_10_90	0.820	140.13	TW_1999_ChiChi_08_90	0.978	142.78	JP_2009_Shizuoca_01_NS	1.121	382.44
	6	TW_1999_ChiChi_08_90	1.105	159.70	TW_1999_ChiChi_08_90	1.105	159.70	JP_2009_Shizuoca_01_NS	0.931	395.11	TW_1999_ChiChi_08_90	0.978	142.78	US_1989_Loma Prieta_06_0	1.515	143.67	JP_2011_Fukushima_04_NS	0.670	437.32
	7	CH_2014_Iquique_02_EW	3.581	163.98	CH_2014_Iquique_02_EW	3.581	163.98	JP_2011_12APR_EW	1.182	316.59	US_1989_Loma Prieta_06_0	1.515	143.67	CH_2014_Iquique_02_EW	4.000	148.48	JP_2016_Kumamoto_01_NS	0.663	238.21
	8	JP_2016_Kumamoto_05_EW	1.962	164.78	JP_2016_Kumamoto_05_EW	1.962	164.78	JP_2011_Fukushima_04_NS	0.653	438.08	CH_2014_Iquique_02_EW	4.000	148.48	JP_2009_Shizuoca_02_EW	1.576	152.57	JP_2016_Kumamoto_04_NS	1.091	272.16
	9	US_1989_Loma Prieta_05_195	3.467	164.95	US_1989_Loma Prieta_05_195	3.467	164.95	JP_2016_Kumamoto_01_EW	0.722	216.11	JP_2009_Shizuoca_02_EW	1.576	152.57	US_1994_Northridge_02_90	1.515	160.38	JP_2018_Hokkaido_02_EW	1.121	191.64
	10	TW_1999_ChiChi_08_360	1.384	165.15	TW_1999_ChiChi_08_360	1.384	165.15	JP_2016_Kumamoto_06_NS	1.062	194.85	US_1994_Northridge_02_90	1.515	160.38	TW_1999_ChiChi_08_360	1.455	162.35	JP_2018_Hokkaido_04_EW	0.693	213.17
	11	US_1994_Northridge_02_90	1.407	171.23	US_1994_Northridge_02_90	1.407	171.23	JP_2018_Hokkaido_02_EW	1.007	205.93	TW_1999_ChiChi_08_360	1.455	162.35	JP_2016_Kumamoto_05_EW	2.030	163.30	JP_2018_Hokkaido_04_NS	0.595	256.82
	12	US_1989_Loma Prieta_06_90	1.908	174.35	US_1989_Loma Prieta_03_90	1.540	177.52	JP_2018_Hokkaido_04_NS	0.563	261.50	JP_2016_Kumamoto_05_EW	2.030	163.30	US_1989_Loma Prieta_05_195	3.424	164.62	JP_2018_Hokkaido_07_EW	0.445	290.95

	1 3	US_1989_Loma Prieta_03_90	1.54 0	177.52	JP_2004_Chuet <u>s</u> u_05_NS	0.53 1	183.32	TW_1999_ChiChi_01_360	0.80 8	264.19	US_1989_Loma Prieta_05_195	3.42 4	164.62	JP_2004_14DEC_EW	0.61 0	165.72	TW_1999_ChiChi_01_360	0.65 5	218.51
	1 4	JP_2004_Chuet <u>s</u> u_05_NS	0.53 1	183.32	JP_2011_15MAR_NS	0.90 1	189.65	TW_1999_ChiChi_01_90	0.67 6	202.86	JP_2004_14DEC_EW	0.61 0	165.72	JP_2004_Chuet <u>s</u> u_06_EW	0.71 5	168.70	TW_1999_ChiChi_01_90	0.64 8	200.14
	1 5	JP_2011_15MAR_NS	0.90 1	189.65	JP_2016_Kumamoto_06_ NS	1.06 2	194.85	US_1989_Loma Prieta_04_0	0.82 1	215.47	JP_2004_Chuet <u>s</u> u_06_EW	0.71 5	168.70	JP_1997_Kagoshima_EW	1.21 2	172.92	TW_1999_ChiChi_08_90	0.97 8	142.78
	1 6	JP_2016_Kumamoto_06_ NS	1.06 2	194.85	JP_2000_Tottori_05_NS	0.75 2	195.72	US_1989_Loma Prieta_06_0	1.71 4	159.04	JP_2004_Chuet <u>s</u> u_05_NS	0.57 3	170.61	US_1989_Loma Prieta_06_90	1.87 9	174.36	US_1989_Loma Prieta_04_0	0.85 8	214.73
	1 7	JP_2000_Tottori_05_NS	0.75 2	195.72	TW_1999_ChiChi_10_360	1.24 2	197.22	US_1992_Big Bear_270	1.17 1	328.35	JP_1997_Kagoshima_EW	1.21 2	172.92	US_1994_Northridge_02_ 360	1.66 7	176.61	US_1989_Loma Prieta_05_195	3.42 4	164.62
	1 8	TW_1999_ChiChi_10_360	1.24 2	197.22	US_1994_Northridge_02_ 360	1.47 3	197.93	US_1992_Big Bear_360	0.88 5	348.88	US_1989_Loma Prieta_06_90	1.87 9	174.36	US_1989_Loma Prieta_03_90	1.51 5	176.77	US_1989_Loma Prieta_05_285	1.42 4	212.44
	1 9	US_1994_Northridge_02_ 360	1.47 3	197.93	JP_1997_Kagoshima_EW	0.96 7	202.18	US_1992_Petrolia_Aftershock_ 01_90	1.83 7	276.18	US_1994_Northridge_02_ 360	1.66 7	176.61	JP_2004_Chuet <u>s</u> u_06_NS	0.67 0	186.35	US_1992_Petrolia_Aftershock_ 01_90	1.45 5	229.70
	2 0	JP_1997_Kagoshima_EW	0.96 7	202.18	TW_1999_ChiChi_01_90	0.67 6	202.86	US_1994_Northridge_03_90	0.65 1	255.11	US_1989_Loma Prieta_03_90	1.51 5	176.77	US_1992_Petrolia_02_270	1.42 4	187.08	US_1994_Northridge_03_360	0.63 3	296.57
MAP E	1	JP_2004_Chuet <u>s</u> u_07_EW	1.02 1	15.70	JP_2004_Chuet <u>s</u> u_07_EW	1.02 1	15.70	CH_2014_Iquique_02_EW	3.58 1	20.67	JP_2004_Chuet <u>s</u> u_07_EW	1.09 1	14.64	JP_2004_Chuet <u>s</u> u_07_EW	1.09 1	14.64	CH_2012_GO05_EW	3.39 4	25.01
	2	JP_2004_Chuet <u>s</u> u_07_NS	1.30 3	16.88	JP_2004_Chuet <u>s</u> u_07_NS	1.30 3	16.88	JP_2000_Tottori_01_EW	1.12 1	29.30	US_1989_Loma Prieta_06_0	1.39 4	16.15	US_1989_Loma Prieta_06_0	1.39 4	16.15	CH_2012_GO05_NS	4.00 0	36.59
	3	JP_2016_Kumamoto_05_ EW	1.96 2	18.91	JP_2016_Kumamoto_05_ EW	1.96 2	18.91	JP_2004_Chuet <u>s</u> u_05_NS	0.53 1	27.84	JP_2004_Chuet <u>s</u> u_07_NS	1.36 4	16.20	JP_2004_Chuet <u>s</u> u_07_NS	1.36 4	16.20	CH_2014_Iquique_02_EW	4.00 0	17.07
	4	JP_2009_Shizuoca_02_E W	1.53 5	19.56	JP_2009_Shizuoca_02_E W	1.53 5	19.56	JP_2008_Iwate_02_NS	0.35 5	53.30	US_1994_Northridge_01_ 90	2.27 3	16.90	US_1994_Northridge_01_ 90	2.27 3	16.90	JP_2000_Tottori_01_EW	1.06 1	29.21
	5	TW_1999_ChiChi_08_90	1.10 5	19.73	TW_1999_ChiChi_08_90	1.10 5	19.73	JP_2009_Shizuoca_01_EW	0.76 1	59.13	CH_2014_Iquique_02_EW	4.00 0	17.07	CH_2014_Iquique_02_EW	4.00 0	17.07	JP_2000_Tottori_02_EW	0.91 0	42.12
	6	CH_2014_Iquique_02_EW	3.58 1	20.67	CH_2014_Iquique_02_EW	3.58 1	20.67	JP_2009_Shizuoca_01_NS	0.93 1	53.44	TW_1999_ChiChi_08_90	1.03 0	18.55	TW_1999_ChiChi_08_90	1.03 0	18.55	JP_2004_14DEC_NS	1.18 2	32.50
	7	US_1994_Northridge_02_ 90	1.40 7	20.74	US_1994_Northridge_02_ 90	1.40 7	20.74	JP_2011_12APR_EW	1.18 2	44.00	TW_1999_ChiChi_10_90	0.82 8	18.79	TW_1999_ChiChi_10_90	0.82 8	18.79	JP_2011_15MAR_NS	0.94 0	25.83
	8	US_1989_Loma Prieta_06_90	1.90 8	21.09	US_1989_Loma Prieta_03_90	1.54 0	21.14	JP_2011_Fukushima_04_NS	0.65 3	57.01	JP_2016_Kumamoto_05_ EW	2.00 0	18.85	JP_2016_Kumamoto_05_ EW	2.00 0	18.85	JP_2016_Kumamoto_01_EW	0.79 0	24.87
	9	US_1989_Loma Prieta_03_90	1.54 0	21.14	JP_2004_Chuet <u>s</u> u_05_EW	0.68 8	21.17	JP_2016_Kumamoto_01_EW	0.72 2	26.27	US_1994_Northridge_02_ 360	1.66 7	19.02	US_1994_Northridge_02_ 360	1.66 7	19.02	JP_2016_Kumamoto_01_NS	0.66 3	27.65
	1 0	JP_2004_Chuet <u>s</u> u_05_EW	0.68 8	21.17	US_1994_Northridge_02_ 360	1.47 3	21.55	JP_2016_Kumamoto_06_NS	1.06 2	25.89	JP_2009_Shizuoca_02_E W	1.57 6	19.50	JP_2009_Shizuoca_02_E W	1.57 6	19.50	JP_2016_Kumamoto_04_NS	1.12 1	36.97
	1 1	US_1994_Northridge_02_ 360	1.47 3	21.55	TW_1999_ChiChi_01_90	0.67 6	21.99	JP_2018_Hokkaido_02_EW	1.00 7	25.23	US_1994_Northridge_02_ 90	1.48 5	20.23	US_1994_Northridge_02_ 90	1.48 5	20.23	JP_2018_Hokkaido_02_EW	1.12 1	23.91
	1 2	TW_1999_ChiChi_01_90	0.67 6	21.99	TW_1999_ChiChi_08_360	1.38 4	22.18	JP_2018_Hokkaido_04_NS	0.56 3	33.87	US_1989_Loma Prieta_03_90	1.45 5	20.58	US_1989_Loma Prieta_03_90	1.45 5	20.58	JP_2018_Hokkaido_04_EW	0.70 8	27.07
	1 3	TW_1999_ChiChi_08_360	1.38 4	22.18	US_1989_Loma Prieta_06_0	1.71 4	22.36	TW_1999_ChiChi_01_360	0.80 8	33.38	JP_2004_Chuet <u>s</u> u_05_EW	0.72 3	20.76	US_1989_Loma Prieta_06_90	1.81 8	20.86	JP_2018_Hokkaido_04_NS	0.59 5	33.37
	1 4	US_1989_Loma Prieta_06_0	1.71 4	22.36	US_1989_Loma Prieta_05_195	3.46 7	22.81	TW_1999_ChiChi_01_90	0.67 6	21.99	US_1989_Loma Prieta_06_90	1.81 8	20.86	TW_1999_ChiChi_08_360	1.54 5	20.99	TW_1999_ChiChi_01_360	0.62 5	27.18
	1 5	US_1989_Loma Prieta_05_195	3.46 7	22.81	US_1992_Petrolia_02_270	1.21 7	23.90	US_1989_Loma Prieta_04_0	0.82 1	27.01	TW_1999_ChiChi_08_360	1.54 5	20.99	TW_1999_ChiChi_01_90	0.64 8	21.78	TW_1999_ChiChi_01_90	0.64 8	21.78
	1 6	US_1992_Petrolia_02_270	1.21 7	23.90	TW_1999_ChiChi_10_360	1.24 2	25.01	US_1989_Loma Prieta_06_0	1.71 4	22.36	TW_1999_ChiChi_01_90	0.64 8	21.78	JP_2004_Chuet <u>s</u> u_06_EW	0.70 8	22.02	TW_1999_ChiChi_08_360	1.54 5	20.99
	1 7	JP_2004_Chuet <u>s</u> u_06_NS	0.76 1	24.47	JP_2018_Hokkaido_02_E W	1.00 7	25.23	US_1992_Big Bear_270	1.17 1	43.43	JP_2004_Chuet <u>s</u> u_06_EW	0.70 8	22.02	US_1989_Loma Prieta_05_195	3.24 2	22.16	TW_1999_ChiChi_08_90	1.03 0	18.55
	1 8	TW_1999_ChiChi_10_360	1.24 2	25.01	JP_2016_Kumamoto_03_ NS	1.00 0	25.24	US_1992_Big Bear_360	0.88 5	47.61	US_1989_Loma Prieta_05_195	3.24 2	22.16	US_1992_Petrolia_02_270	1.36 4	23.05	US_1989_Loma Prieta_05_195	3.24 2	22.16
	1 9	JP_2018_Hokkaido_02_E W	1.00 7	25.23	JP_2016_Kumamoto_06_ NS	1.06 2	25.89	US_1992_Petrolia_Aftershock_ 01_90	1.83 7	32.40	US_1992_Petrolia_02_270	1.36 4	23.05	JP_2016_Kumamoto_03_ EW	1.09 1	23.08	US_1989_Loma Prieta_05_285	1.39 4	23.54
	2 0	JP_2016_Kumamoto_03_ NS	1.00 0	25.24	JP_2011_15MAR_NS	0.90 1	25.96	US_1994_Northridge_03_90	0.65 1	29.37	JP_2016_Kumamoto_03_ EW	1.09 1	23.08	US_1989_Loma Prieta_05_285	1.39 4	23.54	US_1992_Petrolia_Aftershock_ 01_90	1.42 4	25.32
MSE	1	JP_2004_Chuet <u>s</u> u_07_EW	1.02 1	20271. 74	JP_2004_Chuet <u>s</u> u_07_EW	1.02 1	20271. 74	CH_2014_Iquique_02_EW	3.58 1	39950.9 5	JP_2004_Chuet <u>s</u> u_05_EW	0.73 8	18577. 69	JP_2004_Chuet <u>s</u> u_07_EW	1.03 0	20277. 26	CH_2012_GO05_EW	3.18 2	65705.7 4
	2	JP_2004_Chuet <u>s</u> u_05_EW	0.68 8	22908. 48	JP_2004_Chuet <u>s</u> u_05_EW	0.68 8	22908. 48	JP_2000_Tottori_01_EW	1.12 1	61441.3 1	JP_2004_Chuet <u>s</u> u_07_EW	1.03 0	20277. 26	JP_2004_Chuet <u>s</u> u_07_NS	1.30 3	25675. 68	CH_2012_GO05_NS	4.00 0	93823.5 9
	3	JP_2004_Chuet <u>s</u> u_07_NS	1.30 3	25675. 83	JP_2004_Chuet <u>s</u> u_07_NS	1.30 3	25675. 83	JP_2004_Chuet <u>s</u> u_05_NS	0.53 1	54057.7 5	JP_2004_Chuet <u>s</u> u_07_NS	1.30 3	25675. 68	TW_1999_ChiChi_10_90	0.76 8	28414. 23	CH_2014_Iquique_02_EW	3.90 9	33505.7 5
	4	TW_1999_ChiChi_08_360	1.38 4	38671. 00	TW_1999_ChiChi_08_360	1.38 4	38671. 00	JP_2008_Iwate_02_NS	0.35 5	200477. 76	TW_1999_ChiChi_10_90	0.76 8	28414. 23	US_1994_Northridge_01_ 90	2.15 2	32218. 89	JP_2000_Tottori_01_EW	1.03 0	52986.1 1
	5	CH_2014_Iquique_02_EW	3.58 1	39950. 95	CH_2014_Iquique_02_EW	3.58 1	39950. 95	JP_2009_Shizuoca_01_EW	0.76 1	245009. 63	US_1989_Loma Prieta_06_0	1.54 5	30668. 88	TW_1999_ChiChi_08_90	0.98 5	32384. 23	JP_2007_16JUL_EW	1.15 2	108628. 33
	6	JP_2009_Shizuoca_02_E W	1.53 5	42770. 95	JP_2009_Shizuoca_02_E W	1.53 5	42770. 95	JP_2009_Shizuoca_01_NS	0.93 1	187410. 95	US_1994_Northridge_01_ 90	2.15 2	32218. 89	CH_2014_Iquique_02_EW	3.90 9	33505. 75	JP_2009_Shizuoca_01_NS	1.03 0	181808. 80
	7	US_1989_Loma Prieta_06_0	1.71 4	42933. 23	US_1989_Loma Prieta_06_0	1.71 4	42933. 23	JP_2011_12APR_EW	1.18 2	124214. 43	TW_1999_ChiChi_08_90	0.98 5	32384. 23	TW_1999_ChiChi_08_360	1.45 5	37101. 72	JP_2011_12APR_EW	1.24 2	121834. 72
	8	JP_2016_Kumamoto_05_ EW	1.96 2	43798. 03	JP_2016_Kumamoto_05_ EW	1.96 2	43798. 03	JP_2011_Fukushima_04_NS	0.65 3	244657. 20	CH_2014_Iquique_02_EW	3.90 9	33505. 75	JP_1997_Kagoshima_EW	1.12 1	37235. 55	JP_2016_Kumamoto_01_NS	0.61 0	86780.8 5
	9	TW_1999_ChiChi_08_90	1.10 5	45870. 43	TW_1999_ChiChi_08_90	1.10 5	45870. 43	JP_2016_Kumamoto_01_EW	0.72 2	68436.4 4	TW_1999_ChiChi_08_360	1.45 5	37101. 72	JP_2004_14DEC_EW	0.61 0	37402. 21	JP_2016_Kumamoto_04_NS	1.03 0	101926. 22
	1 0	US_1994_Northridge_02_ 90	1.40 7	47567. 80	US_1994_Northridge_02_ 90	1.40 7	47567. 80	JP_2016_Kumamoto_06_NS	1.06 2	68458.0 8	JP_1997_Kagoshima_EW	1.12 1	37235. 55	US_1994_Northridge_02_ 90	1.57 6	37890. 85	JP_2018_Hokkaido_02_EW	1.15 2	54046.9 5
	1 1	US_1989_Loma Prieta_05_195	3.46 7	51604. 33	US_1989_Loma Prieta_05_195	3.46 7	51604. 33	JP_2018_Hokkaido_02_EW	1.00 7	68532.0 6	JP_2004_14DEC_EW	0.61 0	37402. 21	JP_2004_Chuet <u>s</u> u_06_EW	0.70 8	39908. 01	JP_2018_Hokkaido_04_EW	0.70 0	76659.9 1

	1 2	US_1989_Loma Prieta_06_90	1.90 8	52065.51	JP_2000_Tottori_05_NS	0.75 2	52149.75	JP_2018_Hokkaido_04_NS	0.56 3	110977.94	US_1994_Northridge_02_90	1.57 6	37890.85	JP_2009_Shizuoca_02_EW	1.54 5	42742.74	JP_2018_Hokkaido_04_NS	0.64 8	96640.42
	1 3	JP_2000_Tottori_05_NS	0.75 2	52149.75	JP_2004_Chuetsu_05_NS	0.53 1	54057.75	TW_1999_ChiChi_01_360	0.80 8	100400.72	JP_2004_Chuetsu_06_EW	0.70 8	39908.01	JP_2016_Kumamoto_05_EW	1.97 0	43734.22	JP_2018_Hokkaido_07_NS	0.34 8	115251.98
	1 4	JP_2004_Chuetsu_05_NS	0.53 1	54057.75	JP_2011_15MAR_NS	0.90 1	54242.99	TW_1999_ChiChi_01_90	0.67 6	80286.05	JP_2009_Shizuoca_02_EW	1.54 5	42742.74	US_1989_Loma Prieta_06_90	1.75 8	47109.60	TW_1999_ChiChi_01_360	0.67 8	67956.49
	1 5	JP_2011_15MAR_NS	0.90 1	54242.99	JP_1997_Kagoshima_EW	0.96 7	56075.84	US_1989_Loma Prieta_04_0	0.82 1	73721.28	JP_2016_Kumamoto_05_EW	1.97 0	43734.22	US_1989_Loma Prieta_05_195	3.24 2	47174.67	TW_1999_ChiChi_08_90	0.98 5	32384.23
	1 6	JP_1997_Kagoshima_EW	0.96 7	56075.84	US_1989_Loma Prieta_03_90	1.54 0	57589.40	US_1989_Loma Prieta_06_0	1.71 4	42933.23	JP_2004_Chuetsu_05_NS	0.59 5	43838.99	US_1992_Petrolia_02_270	1.45 5	49202.50	US_1989_Loma Prieta_02_90	1.00 0	119301.26
	1 7	US_1989_Loma Prieta_03_90	1.54 0	57589.40	TW_1999_ChiChi_10_360	1.24 2	62827.44	US_1992_Big Bear_270	1.17 1	138986.38	US_1989_Loma Prieta_06_90	1.75 8	47109.60	JP_2000_Tottori_05_NS	0.79 0	49856.47	US_1989_Loma Prieta_04_0	0.85 0	72781.61
	1 8	JP_2000_Tottori_01_EW	1.12 1	61441.31	US_1989_Loma Prieta_01_0	0.92 2	67289.15	US_1992_Big Bear_360	0.88 5	158112.35	US_1989_Loma Prieta_05_195	3.24 2	47174.67	JP_2011_15MAR_NS	0.85 0	51179.37	US_1989_Loma Prieta_05_195	3.24 2	47174.67
	1 9	TW_1999_ChiChi_10_360	1.24 2	62827.44	JP_2016_Kumamoto_01_EW	0.72 2	68436.44	US_1992_Petrolia_Aftershock_01_90	1.83 7	141221.62	US_1992_Petrolia_02_270	1.45 5	49202.50	US_1994_Northridge_02_360	1.78 8	51193.67	US_1989_Loma Prieta_05_285	1.36 4	86147.78
	2 0	US_1989_Loma Prieta_01_0	0.92 2	67289.15	JP_2009_Shizuoca_02_NS	1.83 8	68436.79	US_1994_Northridge_03_90	0.65 1	99408.63	JP_2000_Tottori_05_NS	0.79 0	49856.47	US_1989_Loma Prieta_03_90	1.42 4	51960.40	US_1992_Petrolia_Aftershock_01_90	1.45 5	85909.46
RMS E	1	JP_2004_Chuetsu_07_EW	1.02 1	142.38	JP_2004_Chuetsu_07_EW	1.02 1	142.38	CH_2014_Iquique_02_EW	3.58 1	199.88	JP_2004_Chuetsu_05_EW	0.73 8	136.30	JP_2004_Chuetsu_07_EW	1.03 0	142.40	CH_2012_GO05_EW	3.18 2	256.33
	2	JP_2004_Chuetsu_05_EW	0.68 8	151.36	JP_2004_Chuetsu_05_EW	0.68 8	151.36	JP_2000_Tottori_01_EW	1.12 1	247.87	JP_2004_Chuetsu_07_EW	1.03 0	142.40	JP_2004_Chuetsu_07_NS	1.30 3	160.24	CH_2012_GO05_NS	4.00 0	306.31
	3	JP_2004_Chuetsu_07_NS	1.30 3	160.24	JP_2004_Chuetsu_07_NS	1.30 3	160.24	JP_2004_Chuetsu_05_NS	0.53 1	232.50	JP_2004_Chuetsu_07_NS	1.30 3	160.24	TW_1999_ChiChi_10_90	0.76 8	168.57	CH_2014_Iquique_02_EW	3.90 9	183.05
	4	TW_1999_ChiChi_08_360	1.38 4	196.65	TW_1999_ChiChi_08_360	1.38 4	196.65	JP_2008_Iwate_02_NS	0.35 5	447.75	TW_1999_ChiChi_10_90	0.76 8	168.57	US_1994_Northridge_01_90	2.15 2	179.50	JP_2000_Tottori_01_EW	1.03 0	230.19
	5	CH_2014_Iquique_02_EW	3.58 1	199.88	CH_2014_Iquique_02_EW	3.58 1	199.88	JP_2009_Shizuoca_01_EW	0.76 1	494.98	US_1989_Loma Prieta_06_0	1.54 5	175.13	TW_1999_ChiChi_08_90	0.98 5	179.96	JP_2007_16JUL_EW	1.15 2	329.59
	6	JP_2009_Shizuoca_02_EW	1.53 5	206.81	JP_2009_Shizuoca_02_EW	1.53 5	206.81	JP_2009_Shizuoca_01_NS	0.93 1	432.91	US_1994_Northridge_01_90	2.15 2	179.50	CH_2014_Iquique_02_EW	3.90 9	183.05	JP_2009_Shizuoca_01_NS	1.03 0	426.39
	7	US_1989_Loma Prieta_06_0	1.71 4	207.20	US_1989_Loma Prieta_06_0	1.71 4	207.20	JP_2011_12APR_EW	1.18 2	352.44	TW_1999_ChiChi_08_90	0.98 5	179.96	TW_1999_ChiChi_08_360	1.45 5	192.62	JP_2011_12APR_EW	1.24 2	349.05
	8	JP_2016_Kumamoto_05_EW	1.96 2	209.28	JP_2016_Kumamoto_05_EW	1.96 2	209.28	JP_2011_Fukushima_04_NS	0.65 3	494.63	CH_2014_Iquique_02_EW	3.90 9	183.05	JP_1997_Kagoshima_EW	1.12 1	192.97	JP_2016_Kumamoto_01_NS	0.61 0	294.59
	9	TW_1999_ChiChi_08_90	1.10 5	214.17	TW_1999_ChiChi_08_90	1.10 5	214.17	JP_2016_Kumamoto_01_EW	0.72 2	261.60	TW_1999_ChiChi_08_360	1.45 5	192.62	JP_2004_14DEC_EW	0.61 0	193.40	JP_2016_Kumamoto_04_NS	1.03 0	319.26
	1 0	US_1994_Northridge_02_90	1.40 7	218.10	US_1994_Northridge_02_90	1.40 7	218.10	JP_2016_Kumamoto_06_NS	1.06 2	261.64	JP_1997_Kagoshima_EW	1.12 1	192.97	US_1994_Northridge_02_90	1.57 6	194.66	JP_2018_Hokkaido_02_EW	1.15 2	232.48
	1 1	US_1989_Loma Prieta_05_195	3.46 7	227.17	US_1989_Loma Prieta_05_195	3.46 7	227.17	JP_2018_Hokkaido_02_EW	1.00 7	261.79	JP_2004_14DEC_EW	0.61 0	193.40	JP_2004_Chuetsu_06_EW	0.70 8	199.77	JP_2018_Hokkaido_04_EW	0.70 0	276.88
	1 2	US_1989_Loma Prieta_06_90	1.90 8	228.18	JP_2000_Tottori_05_NS	0.75 2	228.36	JP_2018_Hokkaido_04_NS	0.56 3	333.13	US_1994_Northridge_02_90	1.57 6	194.66	JP_2009_Shizuoca_02_EW	1.54 5	206.74	JP_2018_Hokkaido_04_NS	0.64 8	310.87
	1 3	JP_2000_Tottori_05_NS	0.75 2	228.36	JP_2004_Chuetsu_05_NS	0.53 1	232.50	TW_1999_ChiChi_01_360	0.80 8	316.86	JP_2004_Chuetsu_06_EW	0.70 8	199.77	JP_2016_Kumamoto_05_EW	1.97 0	209.13	JP_2018_Hokkaido_07_NS	0.34 8	339.49
	1 4	JP_2004_Chuetsu_05_NS	0.53 1	232.50	JP_2011_15MAR_NS	0.90 1	232.90	TW_1999_ChiChi_01_90	0.67 6	283.35	JP_2009_Shizuoca_02_EW	1.54 5	206.74	US_1989_Loma Prieta_06_90	1.75 8	217.05	TW_1999_ChiChi_01_360	0.67 8	260.68
	1 5	JP_2011_15MAR_NS	0.90 1	232.90	JP_1997_Kagoshima_EW	0.96 7	236.80	US_1989_Loma Prieta_04_0	0.82 1	271.52	JP_2016_Kumamoto_05_EW	1.97 0	209.13	US_1989_Loma Prieta_05_195	3.24 2	217.20	TW_1999_ChiChi_08_90	0.98 5	179.96
	1 6	JP_1997_Kagoshima_EW	0.96 7	236.80	US_1989_Loma Prieta_03_90	1.54 0	239.98	US_1989_Loma Prieta_06_0	1.71 4	207.20	JP_2004_Chuetsu_05_NS	0.59 5	209.38	US_1992_Petrolia_02_270	1.45 5	221.82	US_1989_Loma Prieta_02_90	1.00 0	345.40
	1 7	US_1989_Loma Prieta_03_90	1.54 0	239.98	TW_1999_ChiChi_10_360	1.24 2	250.65	US_1992_Big Bear_270	1.17 1	372.81	US_1989_Loma Prieta_06_90	1.75 8	217.05	JP_2000_Tottori_05_NS	0.79 0	223.29	US_1989_Loma Prieta_04_0	0.85 0	269.78
	1 8	JP_2000_Tottori_01_EW	1.12 1	247.87	US_1989_Loma Prieta_01_0	0.92 2	259.40	US_1992_Big Bear_360	0.88 5	397.63	US_1989_Loma Prieta_05_195	3.24 2	217.20	JP_2011_15MAR_NS	0.85 0	226.23	US_1989_Loma Prieta_05_195	3.24 2	217.20
	1 9	TW_1999_ChiChi_10_360	1.24 2	250.65	JP_2016_Kumamoto_01_EW	0.72 2	261.60	US_1992_Petrolia_Aftershock_01_90	1.83 7	375.79	US_1992_Petrolia_02_270	1.45 5	221.82	US_1994_Northridge_02_360	1.78 8	226.26	US_1989_Loma Prieta_05_285	1.36 4	293.51
	2 0	US_1989_Loma Prieta_01_0	0.92 2	259.40	JP_2009_Shizuoca_02_NS	1.83 8	261.60	US_1994_Northridge_03_90	0.65 1	315.29	JP_2000_Tottori_05_NS	0.79 0	223.29	US_1989_Loma Prieta_03_90	1.42 4	227.95	US_1992_Petrolia_Aftershock_01_90	1.45 5	293.10

REGISTROS SELECCIONADOS CASO Ymr-I T=0.32s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetsu_07_NS	1.05 6	80.34	JP_2004_Chuetsu_07_NS	1.05 6	80.34	CH_2014_Iquique_02_EW	3.95 5	103.20	JP_2004_Chuetsu_07_NS	1.18 2	66.20	JP_2004_Chuetsu_07_NS	1.18 2	66.20	JP_2000_Tottori_01_EW	0.94 0	163.87
	2	CH_2014_Iquique_02_EW	3.95 5	103.20	CH_2014_Iquique_02_EW	3.95 5	103.20	JP_2000_Tottori_01_EW	0.95 5	164.41	JP_2004_Chuetsu_07_EW	0.92 5	74.45	JP_2004_Chuetsu_07_EW	0.92 5	74.45	JP_2000_Tottori_02_NS	0.61 0	235.91
	3	TW_1999_ChiChi_10_90	0.74 1	106.31	TW_1999_ChiChi_10_90	0.74 1	106.31	JP_2000_Tottori_05_NS	0.77 8	184.90	CH_2014_Iquique_02_EW	3.45 5	86.22	CH_2014_Iquique_02_EW	3.45 5	86.22	JP_2000_Tottori_05_NS	0.67 0	177.29
	4	TW_1999_ChiChi_08_90	0.85 2	109.05	TW_1999_ChiChi_08_90	0.85 2	109.05	JP_2004_27OCT_02_NS	2.37 0	158.72	TW_1999_ChiChi_10_90	0.74 5	106.42	TW_1999_ChiChi_10_90	0.74 5	106.42	JP_2004_Chuetsu_05_NS	0.49 8	146.53

	5	JP_2004_Chuetstu_06_E W	0.64 4	111.95	JP_2004_Chuetstu_06_EW	0.64 4	111.95	JP_2011_12APR_EW	0.84 9	251.39	JP_2016_Kumamoto_05_E W	1.75 8	107.14	JP_2016_Kumamoto_05_E W	1.75 8	107.14	JP_2009_Shizuoca_03_EW	1.48 5	160.91
	6	TW_1999_ChiChi_08_360	1.30 7	113.33	TW_1999_ChiChi_08_360	1.30 7	113.33	JP_2011_15MAR_EW	0.26 3	260.13	TW_1999_ChiChi_08_360	1.21 2	108.08	TW_1999_ChiChi_08_360	1.21 2	108.08	JP_2011_15MAR_NS	0.76 0	152.87
	7	US_1994_Northridge_02_90	1.37 9	116.28	US_1994_Northridge_02_90	1.37 9	116.28	JP_2011_15MAR_NS	0.71 5	153.80	TW_1999_ChiChi_08_90	0.86 5	108.54	TW_1999_ChiChi_08_90	0.86 5	108.54	JP_2016_Kumamoto_05_EW	1.75 8	107.14
	8	US_1994_Northridge_01_90	1.91 8	116.44	US_1994_Northridge_01_90	1.91 8	116.44	JP_2016_Kumamoto_01_EW	0.65 8	133.94	JP_2004_Chuetstu_06_EW	0.61 8	110.19	JP_2004_Chuetstu_06_EW	0.61 8	110.19	JP_2018_Hokkaido_02_EW	0.97 8	128.60
	9	JP_2016_Kumamoto_05_EW	1.87 7	118.26	CH_2012_GO05_EW	2.92 4	126.55	JP_2016_Kumamoto_01_NS	0.55 2	160.94	US_1994_Northridge_02_90	1.33 3	114.68	US_1994_Northridge_02_90	1.33 3	114.68	JP_2018_Hokkaido_04_NS	0.52 8	194.90
	10	US_1989_Loma Prieta_06_90	1.53 7	119.90	TW_1999_ChiChi_01_90	0.58 6	130.97	JP_2016_Kumamoto_04_NS	0.73 8	225.66	US_1994_Northridge_01_90	2.00 0	115.48	US_1994_Northridge_01_90	2.00 0	115.48	PE_2012_14MAY_NS	4.00 0	257.21
	11	US_1994_Northridge_02_360	1.29 1	125.41	JP_2009_Shizuoca_02_EW	1.41 9	131.09	JP_2018_Hokkaido_02_EW	0.87 6	138.19	US_1989_Loma Prieta_06_90	1.45 5	117.17	US_1989_Loma Prieta_06_90	1.45 5	117.17	TW_1999_ChiChi_01_90	0.56 5	128.96
	12	CH_2012_GO05_EW	2.92 4	126.55	JP_2016_Kumamoto_01_EW	0.65 8	133.94	JP_2018_Hokkaido_04_NS	0.64 9	205.64	US_1994_Northridge_02_360	1.42 4	117.84	US_1994_Northridge_02_360	1.42 4	117.84	TW_1999_ChiChi_06_360	0.94 0	172.40
	13	US_1989_Loma Prieta_03_90	1.06 4	128.49	JP_2016_Kumamoto_06_EW	1.08 5	135.11	JP_2018_Hokkaido_07_EW	0.35 0	222.17	US_1989_Loma Prieta_05_195	2.75 8	124.94	US_1989_Loma Prieta_05_195	2.75 8	124.94	TW_1999_ChiChi_06_90	0.79 8	197.88
	14	TW_1999_ChiChi_01_90	0.58 6	130.97	JP_2004_14DEC_EW	0.62 0	136.84	TW_1999_ChiChi_01_90	0.58 6	130.97	CH_2012_GO05_EW	3.00 0	126.01	CH_2012_GO05_EW	3.00 0	126.01	TW_1999_ChiChi_08_90	0.86 5	108.54
	15	JP_2009_Shizuoca_02_EW	1.41 9	131.09	JP_2018_Hokkaido_02_EW	0.87 6	138.19	TW_1999_ChiChi_10_90	0.74 1	106.31	US_1989_Loma Prieta_03_90	1.12 1	126.43	US_1989_Loma Prieta_03_90	1.12 1	126.43	US_1989_Loma Prieta_05_195	2.75 8	124.94
	16	JP_2016_Kumamoto_01_EW	0.65 8	133.94	JP_2004_Chuetstu_05_EW	0.56 3	139.78	US_1989_Loma Prieta_01_0	0.64 0	163.01	JP_2004_14DEC_EW	0.53 5	127.37	JP_2004_14DEC_EW	0.53 5	127.37	US_1992_Big Bear_270	0.98 5	238.22
	17	JP_2016_Kumamoto_06_EW	1.08 5	135.11	JP_2004_Chuetstu_07_EW	1.13 6	141.05	US_1989_Loma Prieta_02_0	1.01 1	208.60	JP_2018_Hokkaido_02_EW	0.97 8	128.60	JP_2018_Hokkaido_02_EW	0.97 8	128.60	US_1992_Petrolia_Aftershock_01_90	1.15 2	177.20
	18	JP_2004_14DEC_EW	0.62 0	136.84	JP_2004_Chuetstu_05_NS	0.50 7	146.74	US_1989_Loma Prieta_02_90	0.75 9	223.03	TW_1999_ChiChi_01_90	0.56 5	128.96	TW_1999_ChiChi_01_90	0.56 5	128.96	US_1994_Northridge_02_90	1.33 3	114.68
	19	JP_2018_Hokkaido_02_EW	0.87 6	138.19	US_1987_WhittierNarrows_01_270	1.63 5	147.98	US_1989_Loma Prieta_06_90	1.53 7	119.90	JP_2004_Chuetstu_06_NS	0.54 3	131.04	JP_2004_Chuetstu_06_NS	0.54 3	131.04	US_1994_Northridge_03_360	0.53 5	207.61
	20	JP_2004_Chuetstu_05_EW	0.56 3	139.78	US_1992_Petrolia_02_270	1.32 6	151.22	US_1994_Northridge_02_90	1.37 9	116.28	JP_2009_Shizuoca_02_EW	1.42 4	131.15	JP_2009_Shizuoca_02_EW	1.42 4	131.15	US_1994_Northridge_03_90	0.60 3	148.48
MAP E	1	CH_2014_Iquique_02_EW	3.95 5	17.18	CH_2014_Iquique_02_EW	3.95 5	17.18	CH_2014_Iquique_02_EW	3.95 5	17.18	JP_2004_Chuetstu_07_NS	1.24 2	14.81	JP_2004_Chuetstu_07_NS	1.24 2	14.81	JP_2000_Tottori_01_EW	1.06 1	41.59
	2	JP_2004_Chuetstu_07_NS	1.05 6	18.85	JP_2004_Chuetstu_07_NS	1.05 6	18.85	JP_2000_Tottori_01_EW	0.95 5	42.09	CH_2014_Iquique_02_EW	3.51 5	15.03	CH_2014_Iquique_02_EW	3.51 5	15.03	JP_2000_Tottori_01_NS	1.24 2	37.16
	3	US_1994_Northridge_02_360	1.29 1	18.92	TW_1999_ChiChi_01_90	0.58 6	19.16	JP_2000_Tottori_05_NS	0.77 8	46.72	JP_2016_Kumamoto_05_EW	1.63 6	17.14	JP_2016_Kumamoto_05_EW	1.63 6	17.14	JP_2011_15MAR_EW	0.43 8	49.66
	4	TW_1999_ChiChi_01_90	0.58 6	19.16	US_1994_Northridge_02_90	1.37 9	21.87	JP_2004_27OCT_02_NS	2.37 0	34.74	US_1994_Northridge_02_360	1.39 4	18.15	US_1994_Northridge_02_360	1.39 4	18.15	JP_2011_15MAR_NS	0.83 5	38.37
	5	US_1989_Loma Prieta_03_90	1.06 4	21.24	TW_1999_ChiChi_10_90	0.74 1	22.16	JP_2011_12APR_EW	0.84 9	58.52	TW_1999_ChiChi_01_90	0.55 8	18.40	TW_1999_ChiChi_01_90	0.55 8	18.40	JP_2016_Kumamoto_01_EW	0.67 0	24.68
	6	US_1994_Northridge_02_90	1.37 9	21.87	TW_1999_ChiChi_08_360	1.30 7	23.03	JP_2011_15MAR_EW	0.26 3	60.81	US_1989_Loma Prieta_03_90	0.96 3	20.07	US_1989_Loma Prieta_03_90	0.96 3	20.07	JP_2016_Kumamoto_04_NS	1.12 1	45.30
	7	TW_1999_ChiChi_10_90	0.74 1	22.16	JP_2004_Chuetstu_06_EW	0.64 4	23.79	JP_2011_15MAR_NS	0.71 5	39.76	US_1989_Loma Prieta_05_195	2.51 5	20.18	US_1989_Loma Prieta_05_195	2.51 5	20.18	JP_2016_Kumamoto_06_NS	0.76 8	34.53
	8	JP_2016_Kumamoto_05_EW	1.87 7	22.87	TW_1999_ChiChi_08_90	0.85 2	23.97	JP_2016_Kumamoto_01_EW	0.65 8	24.70	JP_2004_Chuetstu_07_EW	0.95 5	20.53	JP_2004_Chuetstu_07_EW	0.95 5	20.53	JP_2018_Hokkaido_02_EW	1.03 0	24.57
	9	TW_1999_ChiChi_08_360	1.30 7	23.03	JP_2016_Kumamoto_06_EW	1.08 5	24.23	JP_2016_Kumamoto_01_NS	0.55 2	28.55	US_1989_Loma Prieta_06_90	1.36 4	20.84	US_1989_Loma Prieta_06_90	1.36 4	20.84	PE_2012_14MAY_NS	4.00 0	51.60
	10	US_1989_Loma Prieta_06_90	1.53 7	23.55	JP_2016_Kumamoto_01_EW	0.65 8	24.70	JP_2016_Kumamoto_04_NS	0.73 8	52.68	TW_1999_ChiChi_10_90	0.84 3	21.13	TW_1999_ChiChi_10_90	0.84 3	21.13	TW_1999_ChiChi_01_360	0.58 0	29.29
	11	JP_2004_Chuetstu_06_EW	0.64 4	23.79	JP_2009_Shizuoca_02_EW	1.41 9	25.32	JP_2018_Hokkaido_02_EW	0.87 6	27.55	US_1994_Northridge_02_90	1.33 3	21.69	US_1994_Northridge_02_90	1.33 3	21.69	TW_1999_ChiChi_01_90	0.55 8	18.40
	12	TW_1999_ChiChi_08_90	0.85 2	23.97	JP_2004_Chuetstu_07_EW	1.13 6	25.38	JP_2018_Hokkaido_04_NS	0.64 9	41.54	US_1989_Loma Prieta_06_0	1.03 0	22.40	US_1989_Loma Prieta_06_0	1.03 0	22.40	US_1989_Loma Prieta_05_195	2.51 5	20.18
	13	JP_2016_Kumamoto_06_EW	1.08 5	24.23	CH_2012_GO05_EW	2.92 4	25.76	JP_2018_Hokkaido_07_EW	0.35 0	52.74	TW_1999_ChiChi_08_360	1.45 5	22.41	TW_1999_ChiChi_08_360	1.45 5	22.41	US_1989_Loma Prieta_05_285	1.21 2	26.77
	14	JP_2016_Kumamoto_01_EW	0.65 8	24.70	US_1994_Northridge_01_90	1.91 8	26.00	TW_1999_ChiChi_01_90	0.58 6	19.16	TW_1999_ChiChi_08_90	0.92 5	23.10	TW_1999_ChiChi_08_90	0.92 5	23.10	US_1989_Loma Prieta_06_90	1.36 4	20.84
	15	JP_2009_Shizuoca_02_EW	1.41 9	25.32	JP_2018_Hokkaido_02_EW	0.87 6	27.55	TW_1999_ChiChi_10_90	0.74 1	22.16	JP_2004_Chuetstu_06_EW	0.61 8	23.54	JP_2004_Chuetstu_06_EW	0.61 8	23.54	US_1992_Petrolia_Aftershock_01_90	1.15 2	30.71
	16	JP_2004_Chuetstu_07_EW	1.13 6	25.38	JP_2016_Kumamoto_01_NS	0.55 2	28.55	US_1989_Loma Prieta_01_0	0.64 0	34.69	JP_2016_Kumamoto_06_EW	1.06 1	24.06	JP_2016_Kumamoto_06_EW	1.06 1	24.06	US_1994_Northridge_01_90	2.06 1	25.07
	17	CH_2012_GO05_EW	2.92 4	25.76	US_1989_Loma Prieta_05_285	1.36 4	28.69	US_1989_Loma Prieta_02_0	1.01 1	50.08	JP_2009_Shizuoca_02_EW	1.57 6	24.26	JP_2009_Shizuoca_02_EW	1.57 6	24.26	US_1994_Northridge_02_360	1.39 4	18.15
	18	US_1994_Northridge_01_90	1.91 8	26.00	US_1992_Petrolia_02_270	1.32 6	29.14	US_1989_Loma Prieta_02_90	0.75 9	49.04	US_1994_Northridge_03_90	0.71 5	24.30	US_1994_Northridge_03_90	0.71 5	24.30	US_1994_Northridge_02_90	1.33 3	21.69
	19	JP_2018_Hokkaido_02_EW	0.87 6	27.55	JP_2016_Kumamoto_03_EW	1.01 8	29.45	US_1989_Loma Prieta_06_90	1.53 7	23.55	JP_2018_Hokkaido_02_EW	1.03 0	24.57	JP_2018_Hokkaido_02_EW	1.03 0	24.57	US_1994_Northridge_03_360	0.52 8	36.98
	20	JP_2016_Kumamoto_01_NS	0.55 2	28.55	JP_2004_14DEC_EW	0.62 0	31.22	US_1994_Northridge_02_90	1.37 9	21.87	JP_2016_Kumamoto_01_EW	0.67 0	24.68	JP_2016_Kumamoto_01_EW	0.67 0	24.68	US_1994_Northridge_03_90	0.71 5	24.30
MSE	1	JP_2004_Chuetstu_07_NS	1.05 6	9082.25	JP_2004_Chuetstu_07_NS	1.05 6	9082.25	CH_2014_Iquique_02_EW	3.95 5	24289.69	JP_2004_Chuetstu_07_NS	1.15 2	6141.90	JP_2004_Chuetstu_07_NS	1.15 2	6141.90	JP_2000_Tottori_01_EW	0.90 3	33304.33
	2	TW_1999_ChiChi_08_90	0.85 2	22052.64	TW_1999_ChiChi_08_90	0.85 2	22052.64	JP_2000_Tottori_01_EW	0.95 5	34595.27	JP_2004_Chuetstu_07_EW	0.91 0	9378.42	JP_2004_Chuetstu_07_EW	0.91 0	9378.42	JP_2009_Shizuoca_02_NS	1.45 5	50868.88
	3	TW_1999_ChiChi_08_360	1.30 7	22676.94	TW_1999_ChiChi_08_360	1.30 7	22676.94	JP_2000_Tottori_05_NS	0.77 8	43856.65	CH_2014_Iquique_02_EW	3.45 5	14621.07	CH_2014_Iquique_02_EW	3.45 5	14621.07	JP_2011_15MAR_NS	0.73 0	36288.87

	4	JP_2004_Chuetsu_06_E W	0.64 4	23539.5 8	JP_2004_Chuetsu_06_EW	0.64 4	23539.5 8	JP_2004_27OCT_02_NS	2.37 0	39316.8 2	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	JP_2011_Fukushima_04_NS	0.67 8	119708.0 7
	5	TW_1999_ChiChi_10_90	0.74 1	23846.5 4	TW_1999_ChiChi_10_90	0.74 1	23846.5 4	JP_2011_12APR_EW	0.84 9	86143.0 5	JP_2004_14DEC_EW	0.53 5	20298.4 5	JP_2004_14DEC_EW	0.53 5	20298.4 5	JP_2016_Kumamoto_04_NS	0.93 3	48664.88
	6	US_1994_Northridge_01_90	1.91 8	24019.2 8	US_1994_Northridge_01_90	1.91 8	24019.2 8	JP_2011_15MAR_EW	0.26 3	85457.2 5	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	JP_2016_Kumamoto_05_EW	1.72 7	24314.91
	7	CH_2014_Iquique_02_E W	3.95 5	24289.6 9	CH_2014_Iquique_02_EW	3.95 5	24289.6 9	JP_2011_15MAR_NS	0.71 5	36543.4 8	JP_2004_Chuetsu_06_EW	0.61 0	21916.3 0	JP_2004_Chuetsu_06_EW	0.61 0	21916.3 0	JP_2018_Hokkaido_02_EW	1.00 0	32539.23
	8	US_1994_Northridge_02_90	1.37 9	26741.6 5	US_1994_Northridge_02_90	1.37 9	26741.6 5	JP_2016_Kumamoto_01_90 EW	0.65 8	32754.0 9	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	JP_2018_Hokkaido_02_NS	1.03 0	77533.01
	9	JP_2016_Kumamoto_05_90 EW	1.87 7	27166.0 2	JP_2004_Chuetsu_05_NS	0.50 7	27276.1 6	JP_2016_Kumamoto_01_90 NS	0.55 2	47978.9 0	US_1994_Northridge_01_90	1.90 9	23993.2 0	US_1994_Northridge_01_90	1.90 9	23993.2 0	JP_2018_Hokkaido_04_NS	0.55 8	59488.95
	10	JP_2004_Chuetsu_05_NS	0.50 7	27276.1 6	JP_2004_Chuetsu_05_EW	0.56 3	28030.8 4	JP_2016_Kumamoto_04_90 NS	0.73 8	66622.7 2	JP_2016_Kumamoto_05_90 E W	1.72 7	24314.9 1	JP_2016_Kumamoto_05_90 E W	1.72 7	24314.9 1	PE_2012_14MAY_NS	4.00 0	91050.82
	11	US_1989_Loma Prieta_06_90	1.53 7	27563.1 5	CH_2012_GO05_EW	2.92 4	28513.4 9	JP_2018_Hokkaido_02_90 E W	0.87 6	38899.5 8	JP_2004_Chuetsu_05_EW	0.60 3	26176.5 9	US_1994_Northridge_02_90	1.33 3	26394.5 1	TW_1999_ChiChi_01_90	0.59 5	46125.18
	12	JP_2004_Chuetsu_05_90 E W	0.56 3	28030.8 4	JP_2004_14DEC_EW	0.62 0	30331.6 0	JP_2018_Hokkaido_04_90 N S	0.64 9	69493.2 7	US_1994_Northridge_02_90	1.33 3	26394.5 1	US_1989_Loma Prieta_06_90	1.51 5	27425.1 0	TW_1999_ChiChi_04_90	1.33 3	59928.78
	13	CH_2012_GO05_EW	2.92 4	28513.4 9	JP_2009_Shizuoca_02_EW	1.41 9	30640.5 5	JP_2018_Hokkaido_07_90 E W	0.35 0	68696.7 3	JP_2004_Chuetsu_05_NS	0.50 5	27269.9 5	CH_2012_GO05_EW	2.81 8	27888.3 2	TW_1999_ChiChi_06_360	0.88 0	55552.33
	14	JP_2004_14DEC_EW	0.62 0	30331.6 0	JP_2016_Kumamoto_01_EW	0.65 8	32754.0 9	TW_1999_ChiChi_01_90	0.58 6	46230.9 5	US_1989_Loma Prieta_06_90	1.51 5	27425.1 0	JP_2009_Shizuoca_02_90 E W	1.33 3	28972.9 2	TW_1999_ChiChi_06_90	0.74 5	74934.01
	15	JP_2009_Shizuoca_02_90 E W	1.41 9	30640.5 5	JP_2000_Tottori_01_EW	0.95 5	34595.2 7	TW_1999_ChiChi_10_90	0.74 1	23846.5 4	CH_2012_GO05_EW	2.81 8	27888.3 2	JP_1997_Kagoshima_EW	0.98 5	30458.7 6	TW_1999_ChiChi_08_90	0.85 0	22049.68
	16	JP_2016_Kumamoto_01_90 EW	0.65 8	32754.0 9	JP_2009_Shizuoca_03_EW	1.38 8	35407.9 3	US_1989_Loma Prieta_01_90	0.64 0	49121.0 7	JP_2009_Shizuoca_02_90 E W	1.33 3	28972.9 2	JP_2004_Chuetsu_06_NS	0.53 5	30805.8 0	US_1989_Loma Prieta_05_195	2.72 7	32807.60
	17	JP_2000_Tottori_01_EW	0.95 5	34595.2 7	JP_2004_Chuetsu_07_EW	1.13 6	36490.7 7	US_1989_Loma Prieta_02_90	1.01 1	58358.2 5	JP_1997_Kagoshima_EW	0.98 5	30458.7 6	JP_2016_Kumamoto_01_90 E W	0.70 8	30928.1 8	US_1989_Loma Prieta_05_285	1.15 2	56240.89
	18	CH_2012_GO05_NS	3.96 8	35169.2 9	JP_2011_15MAR_NS	0.71 5	36543.4 8	US_1989_Loma Prieta_02_90	0.75 9	63794.4 8	JP_2004_Chuetsu_06_NS	0.53 5	30805.8 0	US_1989_Loma Prieta_06_90	1.24 2	31973.3 4	US_1992_Big Bear_270	0.95 5	71070.61
	19	JP_2009_Shizuoca_03_90 E W	1.38 8	35407.9 3	JP_2004_14DEC_NS	0.94 4	37799.2 2	US_1989_Loma Prieta_06_90	1.53 7	27563.1 5	JP_2016_Kumamoto_01_90 E W	0.70 8	30928.1 8	JP_2009_Shizuoca_03_90 E W	1.51 5	32458.3 0	US_1994_Northridge_02_90	1.33 3	26394.51
	20	JP_2004_Chuetsu_07_90 E W	1.13 6	36490.7 7	US_1992_Petrolia_02_270	1.32 6	38510.9 6	US_1994_Northridge_02_90	1.37 9	26741.6 5	US_1989_Loma Prieta_06_90	1.24 2	31973.3 4	JP_2018_Hokkaido_02_90 E W	1.00 0	32539.2 3	US_1994_Northridge_03_360	0.55 0	74525.90
RMS E	1	JP_2004_Chuetsu_07_NS	1.05 6	95.30	JP_2004_Chuetsu_07_NS	1.05 6	95.30	CH_2014_Iquique_02_90 E W	3.95 5	155.85	JP_2004_Chuetsu_07_NS	1.15 2	78.37	JP_2004_Chuetsu_07_NS	1.15 2	78.37	JP_2000_Tottori_01_EW	0.90 3	182.49
	2	TW_1999_ChiChi_08_90	0.85 2	148.50	TW_1999_ChiChi_08_90	0.85 2	148.50	JP_2000_Tottori_01_EW	0.95 5	186.00	JP_2004_Chuetsu_07_EW	0.91 0	96.84	JP_2004_Chuetsu_07_EW	0.91 0	96.84	JP_2009_Shizuoca_02_NS	1.45 5	225.54
	3	TW_1999_ChiChi_08_360	1.30 7	150.59	TW_1999_ChiChi_08_360	1.30 7	150.59	JP_2000_Tottori_05_NS	0.77 8	209.42	CH_2014_Iquique_02_EW	3.45 5	120.92	CH_2014_Iquique_02_EW	3.45 5	120.92	JP_2011_15MAR_NS	0.73 0	190.50
	4	JP_2004_Chuetsu_06_90 E W	0.64 4	153.43	JP_2004_Chuetsu_06_EW	0.64 4	153.43	JP_2004_27OCT_02_NS	2.37 0	198.28	TW_1999_ChiChi_10_90	0.67 0	136.80	TW_1999_ChiChi_10_90	0.67 0	136.80	JP_2011_Fukushima_04_NS	0.67 8	345.99
	5	TW_1999_ChiChi_10_90	0.74 1	154.42	TW_1999_ChiChi_10_90	0.74 1	154.42	JP_2011_12APR_EW	0.84 9	293.50	JP_2004_14DEC_EW	0.53 5	142.47	JP_2004_14DEC_EW	0.53 5	142.47	JP_2016_Kumamoto_04_NS	0.93 3	220.60
	6	US_1994_Northridge_01_90	1.91 8	154.98	US_1994_Northridge_01_90	1.91 8	154.98	JP_2011_15MAR_EW	0.26 3	292.33	TW_1999_ChiChi_08_360	1.24 2	146.16	TW_1999_ChiChi_08_360	1.24 2	146.16	JP_2016_Kumamoto_05_EW	1.72 7	155.93
	7	CH_2014_Iquique_02_90 E W	3.95 5	155.85	CH_2014_Iquique_02_EW	3.95 5	155.85	JP_2011_15MAR_NS	0.71 5	191.16	JP_2004_Chuetsu_06_EW	0.61 0	148.04	JP_2004_Chuetsu_06_EW	0.61 0	148.04	JP_2018_Hokkaido_02_EW	1.00 0	180.39
	8	US_1994_Northridge_02_90	1.37 9	163.53	US_1994_Northridge_02_90	1.37 9	163.53	JP_2016_Kumamoto_01_90 EW	0.65 8	180.98	TW_1999_ChiChi_08_90	0.85 0	148.49	TW_1999_ChiChi_08_90	0.85 0	148.49	JP_2018_Hokkaido_02_NS	1.03 0	278.45
	9	JP_2016_Kumamoto_05_90 EW	1.87 7	164.82	JP_2004_Chuetsu_05_NS	0.50 7	165.15	JP_2016_Kumamoto_01_90 NS	0.55 2	219.04	US_1994_Northridge_01_90	1.90 9	154.90	US_1994_Northridge_01_90	1.90 9	154.90	JP_2018_Hokkaido_04_NS	0.55 8	243.90
	10	JP_2004_Chuetsu_05_NS	0.50 7	165.15	JP_2004_Chuetsu_05_EW	0.56 3	167.42	JP_2016_Kumamoto_04_90 NS	0.73 8	258.11	JP_2016_Kumamoto_05_90 E W	1.72 7	155.93	JP_2016_Kumamoto_05_90 E W	1.72 7	155.93	PE_2012_14MAY_NS	4.00 0	301.75
	11	US_1989_Loma Prieta_06_90	1.53 7	166.02	CH_2012_GO05_EW	2.92 4	168.86	JP_2018_Hokkaido_02_90 E W	0.87 6	197.23	JP_2004_Chuetsu_05_EW	0.60 3	161.79	US_1994_Northridge_02_90	1.33 3	162.46	TW_1999_ChiChi_01_90	0.59 5	214.77
	12	JP_2004_Chuetsu_05_90 E W	0.56 3	167.42	JP_2004_14DEC_EW	0.62 0	174.16	JP_2018_Hokkaido_04_90 N S	0.64 9	263.62	US_1994_Northridge_02_90	1.33 3	162.46	US_1989_Loma Prieta_06_90	1.51 5	165.61	TW_1999_ChiChi_04_90	1.33 3	244.80
	13	CH_2012_GO05_EW	2.92 4	168.86	JP_2009_Shizuoca_02_EW	1.41 9	175.04	JP_2018_Hokkaido_07_90 E W	0.35 0	262.10	JP_2004_Chuetsu_05_NS	0.50 5	165.14	CH_2012_GO05_EW	2.81 8	167.00	TW_1999_ChiChi_06_360	0.88 0	235.70
	14	JP_2004_14DEC_EW	0.62 0	174.16	JP_2016_Kumamoto_01_EW	0.65 8	180.98	TW_1999_ChiChi_01_90	0.58 6	215.01	US_1989_Loma Prieta_06_90	1.51 5	165.61	JP_2009_Shizuoca_02_90 E W	1.33 3	170.21	TW_1999_ChiChi_06_90	0.74 5	273.74
	15	JP_2009_Shizuoca_02_90 E W	1.41 9	175.04	JP_2000_Tottori_01_EW	0.95 5	186.00	TW_1999_ChiChi_10_90	0.74 1	154.42	CH_2012_GO05_EW	2.81 8	167.00	JP_1997_Kagoshima_EW	0.98 5	174.52	TW_1999_ChiChi_08_90	0.85 0	148.49
	16	JP_2016_Kumamoto_01_90 EW	0.65 8	180.98	JP_2009_Shizuoca_03_EW	1.38 8	188.17	US_1989_Loma Prieta_01_90	0.64 0	221.63	JP_2009_Shizuoca_02_90 E W	1.33 3	170.21	JP_2004_Chuetsu_06_NS	0.53 5	175.52	US_1989_Loma Prieta_05_195	2.72 7	181.13
	17	JP_2000_Tottori_01_EW	0.95 5	186.00	JP_2004_Chuetsu_07_EW	1.13 6	191.03	US_1989_Loma Prieta_02_90	1.01 1	241.57	JP_1997_Kagoshima_EW	0.98 5	174.52	JP_2016_Kumamoto_01_90 E W	0.70 8	175.86	US_1989_Loma Prieta_05_285	1.15 2	237.15
	18	CH_2012_GO05_NS	3.96 8	187.53	JP_2011_15MAR_NS	0.71 5	191.16	US_1989_Loma Prieta_02_90	0.75 9	252.58	JP_2004_Chuetsu_06_NS	0.53 5	175.52	US_1989_Loma Prieta_06_90	1.24 2	178.81	US_1992_Big Bear_270	0.95 5	266.59
	19	JP_2009_Shizuoca_03_90 E W	1.38 8	188.17	JP_2004_14DEC_NS	0.94 4	194.42	US_1989_Loma Prieta_06_90	1.53 7	166.02	JP_2016_Kumamoto_01_90 E W	0.70 8	175.86	JP_2009_Shizuoca_03_90 E W	1.51 5	180.16	US_1994_Northridge_02_90	1.33 3	162.46
	20	JP_2004_Chuetsu_07_90 E W	1.13 6	191.03	US_1992_Petrolia_02_270	1.32 6	196.24	US_1994_Northridge_02_90	1.37 9	163.53	US_1989_Loma Prieta_06_90	1.24 2	178.81	JP_2018_Hokkaido_02_90 E W	1.00 0	180.39	US_1994_Northridge_03_360	0.55 0	272.99

REGISTROS SELECCIONADOS CASO Ymr-I T=0.32s - TSemc-tr-475																			
Caso:		TSemc-tr-475_NSp_Sbs			TSemc-tr-475_NSp_Sci			TSemc-tr-475_NSp_Ssr			TSemc-tr-475_NSr_Sbs			TSemc-tr-475_NSr_Sci			TSemc-tr-475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2009_Shizuoca_01_NS	0.409	57.01	US_1992_Big Bear_360	0.374	75.34	CH_2012_GO05_EW	1.982	293.33	JP_2011_Fukushima_04_NS	0.250	33.01	JP_2011_Fukushima_04_NS	0.250	33.01	JP_1997_Kagoshima_NS	0.250	137.23
	2	JP_2011_12APR_NS	0.470	61.64	JP_2004_27OCT_03_NS	0.382	93.23	CH_2012_GO05_NS	2.689	236.71	JP_2009_Shizuoca_01_NS	0.325	38.25	JP_2009_Shizuoca_01_NS	0.325	38.25	JP_2004_27OCT_01_EW	0.535	104.87
	3	JP_2011_Fukushima_04_NS	0.344	64.24	JP_2018_Hokkaido_03_NS	0.344	100.53	JP_1997_Kagoshima_NS	0.990	351.09	JP_2018_Hokkaido_03_NS	0.250	50.30	JP_2018_Hokkaido_03_NS	0.250	50.30	JP_2004_27OCT_02_NS	0.610	78.22
	4	JP_2009_Shizuoca_01_EW	0.423	69.77	JP_2018_Osake_EW	0.329	101.71	JP_2004_14DEC_NS	0.640	296.90	JP_2011_12APR_EW	0.333	50.38	JP_2011_12APR_EW	0.333	50.38	JP_2004_Chuet-su_07_NS	0.288	106.61
	5	US_1992_Big Bear_360	0.374	75.34	US_1992_Big Bear_270	0.498	115.91	JP_2004_27OCT_02_NS	1.606	212.22	US_1992_Big Bear_360	0.310	55.20	US_1992_Big Bear_360	0.310	55.20	JP_2011_12APR_EW	0.333	50.38
	6	JP_2016_14APR_NS	0.635	88.52	US_1994_Northridge_03_90	0.299	118.22	JP_2004_29NOV_01_NS	1.343	281.24	JP_2009_Shizuoca_01_EW	0.325	57.49	JP_2009_Shizuoca_01_EW	0.325	57.49	JP_2011_15MAR_NS	0.250	114.28
	7	JP_2004_27OCT_03_NS	0.382	93.23	JP_2011_12APR_EW	0.575	122.35	JP_2004_Chuet-su_06_EW	0.436	326.72	JP_2011_12APR_NS	0.423	58.65	JP_2011_12APR_NS	0.423	58.65	JP_2011_Fukushima_02_NS	0.340	142.38
	8	JP_2018_Hokkaido_03_NS	0.344	100.53	JP_2004_Chuet-su_04_EW	0.305	127.01	JP_2011_12APR_EW	0.575	122.35	JP_2021_Miyagi_02_NS	0.250	67.70	JP_2011_Fukushima_04_EW	0.310	68.32	JP_2011_Fukushima_06_NS	0.250	101.97
	9	JP_2018_Osake_EW	0.329	101.71	JP_2004_Chuet-su_06_NS	0.272	151.22	JP_2011_15MAR_NS	0.484	255.39	JP_2011_Fukushima_04_EW	0.310	68.32	JP_2016_14APR_NS	0.445	68.51	JP_2013_25FEB_EW	0.250	124.21
	10	US_1992_Big Bear_270	0.498	115.91	JP_2016_Kumamoto_04_NS	0.500	155.44	JP_2011_Fukushima_06_NS	0.951	311.88	JP_2016_14APR_NS	0.445	68.51	JP_2016_14APR_EW	0.340	68.73	JP_2018_Osake_NS	0.340	71.79
	11	US_1994_Northridge_03_90	0.299	118.22	PE_2012_14MAY_NS	3.238	158.80	JP_2016_Kumamoto_05_EW	1.272	353.46	JP_2016_14APR_EW	0.340	68.73	JP_2004_27OCT_03_NS	0.295	69.52	TW_1999_ChiChi_04_90	0.250	141.92
	12	JP_2011_12APR_EW	0.575	122.35	JP_2018_Osake_NS	0.654	169.38	JP_2018_Hokkaido_02_EW	0.594	228.30	JP_2004_27OCT_03_NS	0.295	69.52	JP_2018_Osake_EW	0.265	69.96	TW_1999_ChiChi_06_360	0.250	150.68
	13	JP_2004_Chuet-su_04_EW	0.305	127.01	US_1989_Loma Prieta_02_90	0.515	170.11	JP_2018_Hokkaido_03_EW	0.406	203.65	JP_2018_Osake_EW	0.265	69.96	JP_2018_Osake_NS	0.340	71.79	TW_1999_ChiChi_08_360	0.273	96.21
	14	PE_2012_14MAY_EW	1.729	141.24	US_1989_Loma Prieta_02_0	0.685	172.33	JP_2018_Osake_NS	0.654	169.38	JP_2018_Osake_NS	0.340	71.79	JP_2011_Fukushima_06_EW	0.295	71.94	TW_1999_ChiChi_08_90	0.250	128.76
	15	US_1989_Loma Prieta_04_0	0.374	149.75	JP_2013_25FEB_NS	0.253	174.37	PE_2012_14MAY_NS	3.238	158.80	JP_2011_Fukushima_06_EW	0.295	71.94	PE_2012_14MAY_EW	1.000	72.27	US_1989_Loma Prieta_02_0	0.348	77.97
	16	JP_2004_Chuet-su_06_NS	0.272	151.22	US_1989_Loma Prieta_01_0	0.434	179.78	TW_1999_ChiChi_01_90	0.397	264.61	PE_2012_14MAY_EW	1.000	72.27	US_1992_Big Bear_270	0.378	77.06	US_1989_Loma Prieta_02_90	0.250	80.52
	17	JP_2016_Kumamoto_04_NS	0.500	155.44	CH_2014_Iquique_02_NS	2.393	189.70	TW_1999_ChiChi_08_360	0.886	299.87	US_1992_Big Bear_270	0.378	77.06	US_1989_Loma Prieta_02_0	0.348	77.97	US_1989_Loma Prieta_04_90	0.250	152.76
	18	PE_2012_14MAY_NS	3.238	158.80	JP_2011_Fukushima_06_EW	0.640	198.26	TW_1999_ChiChi_10_90	0.502	341.56	US_1989_Loma Prieta_02_0	0.348	77.97	JP_2004_27OCT_02_NS	0.610	78.22	US_1989_Loma Prieta_05_195	0.490	128.48
	19	JP_2018_Osake_NS	0.654	169.38	JP_2018_Hokkaido_03_EW	0.406	203.65	US_1989_Loma Prieta_02_90	0.515	170.11	JP_2004_27OCT_02_NS	0.610	78.22	US_1989_Loma Prieta_02_90	0.250	80.52	US_1989_Loma Prieta_06_90	0.310	106.78
	20	US_1989_Loma Prieta_02_90	0.515	170.11	JP_2000_Tottori_02_NS	0.415	203.75	US_1989_Loma Prieta_06_90	1.042	294.15	US_1989_Loma Prieta_02_90	0.250	80.52	JP_2004_Chuet-su_04_EW	0.250	81.26	US_1994_Northridge_02_360	0.430	110.32
MAPE	1	JP_2009_Shizuoca_01_NS	0.409	127.31	US_1992_Big Bear_360	0.374	169.70	CH_2012_GO05_EW	1.982	1071.62	JP_2016_14APR_EW	0.250	71.68	JP_2016_14APR_EW	0.250	71.68	CH_2012_GO05_NS	0.250	89.80
	2	JP_2009_Shizuoca_01_EW	0.423	128.44	JP_2013_25FEB_NS	0.253	244.54	CH_2012_GO05_NS	2.689	639.23	JP_2021_Miyagi_02_EW	0.250	73.24	JP_2004_27OCT_01_EW	0.250	73.56	CH_2014_Iquique_02_EW	0.250	135.14
	3	US_1992_Big Bear_360	0.374	169.70	JP_2004_Chuet-su_04_EW	0.305	277.09	JP_1997_Kagoshima_NS	0.990	1029.23	JP_2011_19MAR_01_NS	0.250	73.44	JP_2009_Shizuoca_01_NS	0.250	73.60	JP_1997_Kagoshima_NS	0.250	228.70
	4	JP_2011_12APR_NS	0.470	185.14	US_1992_Big Bear_270	0.498	303.94	JP_2004_14DEC_NS	0.640	683.86	JP_2004_27OCT_01_EW	0.250	73.56	JP_2000_Tottori_04_EW	0.250	74.98	JP_2004_27OCT_01_EW	0.250	73.56
	5	JP_2011_19MAR_01_NS	0.647	186.67	JP_2009_Shizuoca_03_NS	0.791	317.54	JP_2004_27OCT_02_NS	1.606	790.33	JP_2009_Shizuoca_01_NS	0.250	73.60	JP_2012_25AGO_EW	0.250	77.52	JP_2004_27OCT_02_NS	0.250	134.26
	6	JP_2011_Fukushima_04_NS	0.344	234.77	JP_2011_12APR_EW	0.575	326.13	JP_2004_29NOV_01_NS	1.343	563.79	JP_2000_Tottori_04_EW	0.250	74.98	JP_2009_Shizuoca_01_EW	0.250	80.23	JP_2004_Chuet-su_07_NS	0.250	316.55
	7	JP_2013_25FEB_NS	0.253	244.54	JP_2018_Osake_EW	0.329	333.98	JP_2004_Chuet-su_06_EW	0.436	1060.43	JP_2021_Miyagi_02_NS	0.250	75.72	JP_2009_Shizuoca_03_NS	0.250	82.93	JP_2011_12APR_EW	0.250	121.76
	8	JP_2021_Miyagi_02_EW	0.938	252.17	JP_2016_14APR_EW	0.904	344.12	JP_2011_12APR_EW	0.575	326.13	JP_2012_25AGO_EW	0.250	77.52	JP_2004_27OCT_01_NS	0.250	86.59	JP_2011_15MAR_NS	0.250	236.45

	9	JP_2016_14APR_NS	0.63 5	259.12	JP_2018_Hokkaido_03_NS	0.34 4	345.40	JP_2011_15MAR_NS	0.48 4	523.73	JP_2009_Shizuoca_01_EW	0.25 0	80.23	JP_2003_Miyagi_02_EW	0.25 0	87.68	JP_2011_Fukushima_02_N S	0.25 0	255.50
	10	JP_2004_Chuetu_04_EW	0.30 5	277.09	JP_2011_Fukushima_06_E W	0.64 0	345.85	JP_2011_Fukushima_06_N S	0.95 1	582.09	JP_2011_19MAR_02_NS	0.25 0	82.58	JP_2004_29NOV_01_EW	0.25 0	91.10	JP_2011_Fukushima_06_N S	0.25 0	113.47
	11	JP_2004_27OCT_01_NS	0.76 6	280.72	JP_2000_Tottori_04_EW	1.33 4	376.94	JP_2016_Kumamoto_05_E W	1.27 2	1744.61	JP_2009_Shizuoca_03_NS	0.25 0	82.93	JP_2011_19MAR_02_EW	0.25 0	94.05	JP_2013_25FEB_EW	0.25 0	244.97
	12	US_1992_Big Bear_270	0.49 8	303.94	JP_2018_Osake_NS	0.65 4	384.36	JP_2018_Hokkaido_02_E W	0.59 4	1105.13	JP_2011_19MAR_01_EW	0.25 0	86.30	JP_2004_29NOV_01_NS	0.25 0	95.16	JP_2016_Kumamoto_05_E W	0.25 0	320.12
	13	JP_2009_Shizuoca_03_NS	0.79 1	317.54	JP_2004_27OCT_01_EW	1.42 8	390.87	JP_2018_Hokkaido_03_E W	0.40 6	667.51	JP_2004_27OCT_01_NS	0.25 0	86.59	JP_2003_Miyagi_02_NS	0.25 0	96.39	PE_2012_14MAY_NS	0.25 0	94.42
	14	JP_2011_12APR_EW	0.57 5	326.13	JP_2016_Kumamoto_04_N S	0.50 0	391.85	JP_2018_Osake_NS	0.65 4	384.36	JP_2003_Miyagi_02_EW	0.25 0	87.68	JP_2011_Fukushima_06_E W	0.25 0	100.61	TW_1999_ChiChi_04_90	0.25 0	938.81
	15	JP_2018_Osake_EW	0.32 9	333.98	JP_2000_Tottori_02_NS	0.41 5	410.56	PE_2012_14MAY_NS	3.23 8	639.16	JP_2016_28DEC_EW	0.25 0	88.23	US_1992_Big Bear_360	0.25 0	102.38	TW_1999_ChiChi_06_360	0.25 0	622.87
	16	JP_2016_14APR_EW	0.90 4	344.12	JP_2004_27OCT_03_NS	0.38 2	428.61	TW_1999_ChiChi_01_90	0.39 7	1456.72	CH_2012_GO05_NS	0.25 0	89.80	JP_2003_Miyagi_09_EW	0.25 0	109.49	TW_1999_ChiChi_08_360	0.25 0	278.16
	17	JP_2018_Hokkaido_03_NS	0.34 4	345.40	JP_2003_Miyagi_02_EW	1.00 9	455.16	TW_1999_ChiChi_08_360	0.88 6	1118.25	JP_2004_29NOV_01_EW	0.25 0	91.10	JP_2016_14APR_NS	0.25 0	110.55	TW_1999_ChiChi_08_90	0.25 0	364.84
	18	JP_2011_Fukushima_06_E W	0.64 0	345.85	JP_2003_Miyagi_09_EW	0.92 1	466.62	TW_1999_ChiChi_10_90	0.50 2	1092.08	JP_2011_19MAR_02_EW	0.25 0	94.05	JP_2009_Shizuoca_03_EW	0.25 0	111.84	US_1989_Loma Prieta 04_90	0.25 0	348.18
	19	JP_2012_25AGO_EW	1.08 4	359.84	US_1989_Loma Prieta 02_0	0.68 5	477.75	US_1989_Loma Prieta 02_90	0.51 5	495.21	PE_2012_14MAY_NS	0.25 0	94.42	JP_2011_12APR_NS	0.25 0	113.08	US_1989_Loma Prieta 05_195	0.25 0	202.68
	20	JP_2004_29NOV_01_EW	0.83 4	365.46	US_1989_Loma Prieta 02_90	0.51 5	495.21	US_1989_Loma Prieta 06_90	1.04 2	1887.66	JP_2004_29NOV_01_NS	0.25 0	95.16	JP_2011_Fukushima_06_N S	0.25 0	113.47	US_1994_Northridge_02_36 0	0.25 0	383.44
MSE	1	JP_2009_Shizuoca_01_NS	0.40 9	6713.62	US_1992_Big Bear_360	0.37 4	13078.6 5	CH_2012_GO05_EW	1.98 2	124632.2 3	JP_2011_Fukushima_04_N S	0.26 5	2721.72	JP_2011_Fukushima_04_N S	0.26 5	2721.72	CH_2014_Iquique_02_EW	0.97 0	27894.7 5
	2	JP_2011_12APR_NS	0.47 0	7396.19	JP_2004_27OCT_03_NS	0.38 2	14691.0 2	CH_2012_GO05_NS	2.68 9	94904.75	JP_2009_Shizuoca_01_NS	0.34 0	3211.26	JP_2009_Shizuoca_01_NS	0.34 0	3211.26	JP_1997_Kagoshima_EW	0.28 0	28073.8 4
	3	JP_2011_Fukushima_04_N S	0.34 4	9362.21	JP_2018_Hokkaido_03_NS	0.34 4	16268.9 0	JP_1997_Kagoshima_NS	0.99 0	210177.1 6	JP_2018_Hokkaido_03_NS	0.25 0	4352.12	JP_2018_Hokkaido_03_NS	0.25 0	4352.12	JP_2000_Tottori_05_EW	0.26 5	35544.1 1
	4	JP_2009_Shizuoca_01_E W	0.42 3	12092.3 5	US_1994_Northridge_03_9 0	0.29 9	20138.7 8	JP_2004_14DEC_NS	0.64 0	168231.4 0	JP_2009_Shizuoca_01_EW	0.32 5	5740.78	JP_2009_Shizuoca_01_EW	0.32 5	5740.78	JP_2004_27OCT_01_EW	0.53 5	28810.1 3
	5	US_1992_Big Bear_360	0.37 4	13078.6 5	JP_2018_Osake_EW	0.32 9	23096.1 5	JP_2004_27OCT_02_NS	1.60 6	66906.36	JP_2011_12APR_EW	0.38 5	6441.32	JP_2011_12APR_EW	0.38 5	6441.32	JP_2004_Chuetu_07_NS	0.34 0	21540.4 9
	6	JP_2004_27OCT_03_NS	0.38 2	14691.0 2	JP_2011_12APR_EW	0.57 5	23556.3 4	JP_2004_29NOV_01_NS	1.34 3	149440.9 4	JP_2011_12APR_NS	0.42 3	6497.59	JP_2011_12APR_NS	0.42 3	6497.59	JP_2007_16JUL_EW	0.26 5	38254.9 0
	7	JP_2018_Hokkaido_03_NS	0.34 4	16268.9 0	JP_2004_Chuetu_04_EW	0.30 5	29771.9 1	JP_2004_Chuetu_06_EW	0.43 6	137106.0 4	US_1992_Big Bear_360	0.28 8	6745.75	US_1992_Big Bear_360	0.28 8	6745.75	JP_2009_Shizuoca_03_EW	0.46 8	19183.8 4
	8	JP_2016_14APR_NS	0.63 5	20128.4 7	JP_2004_Chuetu_06_NS	0.27 2	33985.9 3	JP_2011_12APR_EW	0.57 5	23556.34	JP_2004_27OCT_03_NS	0.29 5	7879.93	JP_2004_27OCT_03_NS	0.29 5	7879.93	JP_2011_15MAR_NS	0.25 0	20421.7 8
	9	US_1994_Northridge_03_9 0	0.29 9	20138.7 8	US_1992_Big Bear_270	0.49 8	33986.4 2	JP_2011_15MAR_NS	0.48 4	96384.74	JP_2016_14APR_NS	0.46 0	9977.84	JP_2016_14APR_NS	0.46 0	9977.84	JP_2013_25FEB_EW	0.25 0	35530.9 2
	10	JP_2018_Osake_EW	0.32 9	23096.1 5	JP_2018_Osake_NS	0.65 4	39074.9 2	JP_2011_Fukushima_06_N S	0.95 1	173007.6 1	JP_2018_Osake_NS	0.40 0	10080.7 6	JP_2018_Osake_NS	0.40 0	10080.7 6	JP_2016_Kumamoto_06_NS	0.31 0	22830.7 7
	11	JP_2011_12APR_EW	0.57 5	23556.3 4	US_1989_Loma Prieta 01_0	0.43 4	41911.7 8	JP_2016_Kumamoto_05_E W	1.27 2	170923.9 0	JP_2018_Osake_EW	0.25 0	10580.1 1	JP_2018_Osake_EW	0.25 0	10580.1 1	TW_1999_ChiChi_06_360	0.25 0	37819.9 0
	12	US_1989_Loma Prieta 04_0	0.37 4	29448.4 5	JP_2016_Kumamoto_04_N S	0.50 0	43512.1 5	JP_2018_Hokkaido_02_E W	0.59 4	68682.23	US_1989_Loma Prieta 04_0	0.25 0	11256.8 3	US_1989_Loma Prieta 04_0	0.25 0	11256.8 3	TW_1999_ChiChi_08_360	0.38 5	19277.6 6
	13	JP_2004_Chuetu_04_EW	0.30 5	29771.9 1	PE_2012_14MAY_NS	3.23 8	45519.1 0	JP_2018_Hokkaido_03_E W	0.40 6	64041.40	JP_2011_Fukushima_04_E W	0.37 0	12687.2 1	JP_2011_Fukushima_04_E W	0.37 0	12687.2 1	TW_1999_ChiChi_08_90	0.25 0	26187.6 9
	14	JP_2004_Chuetu_06_NS	0.27 2	33985.9 3	US_1989_Loma Prieta 02_0	0.68 5	50497.7 1	JP_2018_Osake_NS	0.65 4	39074.92	US_1994_Northridge_03_9 0	0.25 0	12759.2 4	US_1994_Northridge_03_9 0	0.25 0	12759.2 4	TW_1999_ChiChi_10_90	0.25 0	23761.6 6
	15	US_1992_Big Bear_270	0.49 8	33986.4 2	US_1989_Loma Prieta 02_90	0.51 5	51325.6 1	PE_2012_14MAY_NS	3.23 8	45519.10	US_1989_Loma Prieta 01_0	0.26 5	12845.0 1	US_1989_Loma Prieta 01_0	0.26 5	12845.0 1	US_1989_Loma Prieta 02_90	0.29 5	14023.9 0
	16	PE_2012_14MAY_EW	1.72 9	34493.8 1	JP_2018_Hokkaido_03_E W	0.40 6	64041.4 0	TW_1999_ChiChi_01_90	0.39 7	91387.18	PE_2012_14MAY_EW	1.09 1	12947.9 1	PE_2012_14MAY_EW	1.09 1	12947.9 1	US_1989_Loma Prieta 04_90	0.25 0	42373.2 0
	17	JP_2018_Osake_NS	0.65 4	39074.9 2	JP_2004_27OCT_02_NS	1.60 6	66906.3 6	TW_1999_ChiChi_08_360	0.88 6	121020.4 2	JP_2021_Miyagi_02_NS	0.25 0	13229.3 3	US_1989_Loma Prieta 02_0	0.39 3	13532.6 8	US_1989_Loma Prieta 05_195	0.78 3	31074.8 1
	18	US_1989_Loma Prieta 01_0	0.43 4	41911.7 8	JP_2011_Fukushima_06_E W	0.64 0	68086.7 1	TW_1999_ChiChi_10_90	0.50 2	153140.4 8	US_1989_Loma Prieta 02_0	0.39 3	13532.6 8	JP_2004_Chuetu_04_EW	0.25 0	13544.9 5	US_1989_Loma Prieta 05_285	0.32 5	33312.2 0
	19	JP_2016_Kumamoto_04_N S	0.50 0	43512.1 5	JP_2018_Hokkaido_02_E W	0.59 4	68682.2 3	US_1989_Loma Prieta 02_90	0.51 5	51325.61	JP_2004_Chuetu_04_EW	0.25 0	13544.9 5	US_1992_Big Bear_270	0.32 5	13837.4 2	US_1989_Loma Prieta 06_90	0.46 0	24443.8 1
	20	PE_2012_14MAY_NS	3.23 8	45519.1 0	CH_2014_Iquique_02_NS	2.39 3	69899.8 0	US_1989_Loma Prieta 06_90	1.04 2	116808.2 2	US_1992_Big Bear_270	0.32 5	13837.4 2	US_1989_Loma Prieta 02_90	0.29 5	14023.9 0	US_1994_Northridge_02_36 0	0.47 5	21236.0 4
RMS E	1	JP_2009_Shizuoca_01_NS	0.40 9	81.94	US_1992_Big Bear_360	0.37 4	114.36	CH_2012_GO05_EW	1.98 2	353.03	JP_2011_Fukushima_04_N S	0.26 5	52.17	JP_2011_Fukushima_04_N S	0.26 5	52.17	CH_2014_Iquique_02_EW	0.97 0	167.02
	2	JP_2011_12APR_NS	0.47 0	86.00	JP_2004_27OCT_03_NS	0.38 2	121.21	CH_2012_GO05_NS	2.68 9	308.07	JP_2009_Shizuoca_01_NS	0.34 0	56.67	JP_2009_Shizuoca_01_NS	0.34 0	56.67	JP_1997_Kagoshima_EW	0.28 0	167.55
	3	JP_2011_Fukushima_04_N S	0.34 4	96.76	JP_2018_Hokkaido_03_NS	0.34 4	127.55	JP_1997_Kagoshima_NS	0.99 0	458.45	JP_2018_Hokkaido_03_NS	0.25 0	65.97	JP_2018_Hokkaido_03_NS	0.25 0	65.97	JP_2000_Tottori_05_EW	0.26 5	188.53
	4	JP_2009_Shizuoca_01_E W	0.42 3	109.97	US_1994_Northridge_03_9 0	0.29 9	141.91	JP_2004_14DEC_NS	0.64 0	410.16	JP_2009_Shizuoca_01_EW	0.32 5	75.77	JP_2009_Shizuoca_01_EW	0.32 5	75.77	JP_2004_27OCT_01_EW	0.53 5	169.74
	5	US_1992_Big Bear_360	0.37 4	114.36	JP_2018_Osake_EW	0.32 9	151.97	JP_2004_27OCT_02_NS	1.60 6	258.66	JP_2011_12APR_EW	0.38 5	80.26	JP_2011_12APR_EW	0.38 5	80.26	JP_2004_Chuetu_07_NS	0.34 0	146.77
	6	JP_2004_27OCT_03_NS	0.38 2	121.21	JP_2011_12APR_EW	0.57 5	153.48	JP_2004_29NOV_01_NS	1.34 3	386.58	JP_2011_12APR_NS	0.42 3	80.61	JP_2011_12APR_NS	0.42 3	80.61	JP_2007_16JUL_EW	0.26 5	195.59
	7	JP_2018_Hokkaido_03_NS	0.34 4	127.55	JP_2004_Chuetu_04_EW	0.30 5	172.55	JP_2004_Chuetu_06_EW	0.43 6	370.28	US_1992_Big Bear_360	0.28 8	82.13	US_1992_Big Bear_360	0.28 8	82.13	JP_2009_Shizuoca_03_EW	0.46 8	138.51

	8	JP_2016_14APR_NS	0.63 5	141.87	JP_2004_Chuet-su_06_NS	0.27 2	184.35	JP_2011_12APR_EW	0.57 5	153.48	JP_2004_27OCT_03_NS	0.29 5	88.77	JP_2004_27OCT_03_NS	0.29 5	88.77	JP_2011_15MAR_NS	0.25 0	142.90
	9	US_1994_Northridge_03_90	0.29 9	141.91	US_1992_Big Bear_270	0.49 8	184.35	JP_2011_15MAR_NS	0.48 4	310.46	JP_2016_14APR_NS	0.46 0	99.89	JP_2016_14APR_NS	0.46 0	99.89	JP_2013_25FEB_EW	0.25 0	188.50
	10	JP_2018_Osake_EW	0.32 9	151.97	JP_2018_Osake_NS	0.65 4	197.67	JP_2011_Fukushima_06_NS	0.95 1	415.94	JP_2018_Osake_NS	0.40 0	100.40	JP_2018_Osake_NS	0.40 0	100.40	JP_2016_Kumamoto_06_NS	0.31 0	151.10
	11	JP_2011_12APR_EW	0.57 5	153.48	US_1989_Loma Prieta_01_0	0.43 4	204.72	JP_2016_Kumamoto_05_EW	1.27 2	413.43	JP_2018_Osake_EW	0.25 0	102.86	JP_2018_Osake_EW	0.25 0	102.86	TW_1999_ChiChi_06_360	0.25 0	194.47
	12	US_1989_Loma Prieta_04_0	0.37 4	171.61	JP_2016_Kumamoto_04_NS	0.50 0	208.60	JP_2018_Hokkaido_02_EW	0.59 4	262.07	US_1989_Loma Prieta_04_0	0.25 0	106.10	US_1989_Loma Prieta_04_0	0.25 0	106.10	TW_1999_ChiChi_08_360	0.38 5	138.84
	13	JP_2004_Chuet-su_04_EW	0.30 5	172.55	PE_2012_14MAY_NS	3.23 8	213.35	JP_2018_Hokkaido_03_EW	0.40 6	253.06	JP_2011_Fukushima_04_EW	0.37 0	112.64	JP_2011_Fukushima_04_EW	0.37 0	112.64	TW_1999_ChiChi_08_90	0.25 0	161.83
	14	JP_2004_Chuet-su_06_NS	0.27 2	184.35	US_1989_Loma Prieta_02_0	0.68 5	224.72	JP_2018_Osake_NS	0.65 4	197.67	US_1994_Northridge_03_90	0.25 0	112.96	US_1994_Northridge_03_90	0.25 0	112.96	TW_1999_ChiChi_10_90	0.25 0	154.15
	15	US_1992_Big Bear_270	0.49 8	184.35	US_1989_Loma Prieta_02_90	0.51 5	226.55	PE_2012_14MAY_NS	3.23 8	213.35	US_1989_Loma Prieta_01_0	0.26 5	113.34	US_1989_Loma Prieta_01_0	0.26 5	113.34	US_1989_Loma Prieta_02_90	0.29 5	118.42
	16	PE_2012_14MAY_EW	1.72 9	185.73	JP_2018_Hokkaido_03_EW	0.40 6	253.06	TW_1999_ChiChi_01_90	0.39 7	302.30	PE_2012_14MAY_EW	1.09 1	113.79	PE_2012_14MAY_EW	1.09 1	113.79	US_1989_Loma Prieta_04_90	0.25 0	205.85
	17	JP_2018_Osake_NS	0.65 4	197.67	JP_2004_27OCT_02_NS	1.60 6	258.66	TW_1999_ChiChi_08_360	0.88 6	347.88	JP_2021_Miyagi_02_NS	0.25 0	115.02	US_1989_Loma Prieta_02_0	0.39 3	116.33	US_1989_Loma Prieta_05_195	0.78 3	176.28
	18	US_1989_Loma Prieta_01_0	0.43 4	204.72	JP_2011_Fukushima_06_EW	0.64 0	260.93	TW_1999_ChiChi_10_90	0.50 2	391.33	US_1989_Loma Prieta_02_0	0.39 3	116.33	JP_2004_Chuet-su_04_EW	0.25 0	116.38	US_1989_Loma Prieta_05_285	0.32 5	182.52
	19	JP_2016_Kumamoto_04_NS	0.50 0	208.60	JP_2018_Hokkaido_02_EW	0.59 4	262.07	US_1989_Loma Prieta_02_90	0.51 5	226.55	JP_2004_Chuet-su_04_EW	0.25 0	116.38	US_1992_Big Bear_270	0.32 5	117.63	US_1989_Loma Prieta_06_90	0.46 0	156.35
	20	PE_2012_14MAY_NS	3.23 8	213.35	CH_2014_Iquique_02_NS	2.39 3	264.39	US_1989_Loma Prieta_06_90	1.04 2	341.77	US_1992_Big Bear_270	0.32 5	117.63	US_1989_Loma Prieta_02_90	0.29 5	118.42	US_1994_Northridge_02_360	0.47 5	145.73

REGISTROS SELECCIONADOS CASO Ymr-I T=0.32s - TSemc-tr-975																			
Caso:		TSemc-tr-975_NSp_Sbs			TSemc-tr-975_NSp_Sci			TSemc-tr-975_NSp_Ssr			TSemc-tr-975_NSr_Sbs			TSemc-tr-975_NSr_Sci			TSemc-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2009_Shizuoca_01_NS	0.534	81.65	US_1992_Big Bear_360	0.488	105.55	CH_2014_Iquique_02_EW	3.497	490.23	JP_2011_Fukushima_04_NS	0.318	43.05	JP_2011_Fukushima_04_NS	0.318	43.05	CH_2012_GO05_NS	1.303	136.58
	2	JP_2011_12APR_NS	0.613	82.98	JP_2004_27OCT_03_NS	0.498	130.56	JP_2000_Tottori_01_EW	0.845	397.40	JP_2009_Shizuoca_01_NS	0.408	52.45	JP_2009_Shizuoca_01_NS	0.408	52.45	JP_1997_Kagoshima_EW	0.250	143.17
	3	JP_2011_Fukushima_04_NS	0.449	92.73	JP_2018_Hokkaido_03_NS	0.448	140.09	JP_2000_Tottori_05_NS	0.688	424.00	JP_2018_Hokkaido_03_NS	0.273	59.93	JP_2018_Hokkaido_03_NS	0.273	59.93	JP_1997_Kagoshima_NS	0.273	174.99
	4	JP_2009_Shizuoca_01_EW	0.552	95.87	JP_2018_Osake_EW	0.430	140.85	JP_2004_14DEC_NS	0.835	396.32	JP_2021_Miyagi_02_NS	0.250	67.19	JP_2011_12APR_EW	0.415	67.93	JP_2004_27OCT_01_EW	0.670	136.28
	5	US_1992_Big Bear_360	0.488	105.55	US_1992_Big Bear_270	0.650	160.17	JP_2004_27OCT_02_NS	2.096	285.83	JP_2011_12APR_EW	0.415	67.93	US_1992_Big Bear_360	0.400	74.20	JP_2004_27OCT_02_NS	0.760	103.09
	6	JP_2016_14APR_NS	0.828	120.91	US_1994_Northridge_03_90	0.390	161.15	JP_2004_Chuet-su_04_EW	0.398	174.64	US_1992_Big Bear_360	0.400	74.20	JP_2009_Shizuoca_01_EW	0.385	75.31	JP_2004_Chuet-su_07_NS	0.355	139.28
	7	JP_2004_27OCT_03_NS	0.498	130.56	JP_2011_12APR_EW	0.751	168.56	JP_2011_12APR_EW	0.751	168.56	JP_2009_Shizuoca_01_EW	0.385	75.31	JP_2004_Chuet-su_04_EW	0.250	76.62	JP_2011_15MAR_NS	0.250	138.69
	8	JP_2018_Hokkaido_03_NS	0.448	140.09	JP_2004_Chuet-su_04_EW	0.398	174.64	JP_2011_Fukushima_06_EW	0.836	267.61	JP_2004_Chuet-su_04_EW	0.250	76.62	JP_2011_12APR_NS	0.543	76.75	JP_2011_Fukushima_02_NS	0.423	181.80
	9	JP_2018_Osake_EW	0.430	140.85	JP_2004_Chuet-su_06_NS	0.356	206.24	JP_2011_Fukushima_06_NS	1.241	415.42	JP_2011_12APR_NS	0.543	76.75	JP_2011_Fukushima_04_EW	0.378	89.29	JP_2013_25FEB_EW	0.250	129.15
	10	US_1992_Big Bear_270	0.650	160.17	JP_2016_Kumamoto_04_NS	0.652	211.74	JP_2016_Kumamoto_04_NS	0.652	211.74	JP_2016_14APR_EW	0.430	89.12	JP_2016_14APR_NS	0.565	89.52	JP_2016_Kumamoto_04_EW	0.265	115.37
	11	US_1994_Northridge_03_90	0.390	161.15	JP_2018_Osake_NS	0.854	229.93	JP_2018_Hokkaido_02_EW	0.775	306.81	JP_2011_Fukushima_04_EW	0.378	89.29	JP_2000_Tottori_02_NS	0.250	91.59	JP_2016_Kumamoto_06_NS	0.295	142.23
	12	JP_2011_12APR_EW	0.751	168.56	US_1989_Loma Prieta_02_90	0.672	230.88	JP_2018_Hokkaido_03_EW	0.530	274.65	JP_2016_14APR_NS	0.565	89.52	JP_2004_27OCT_03_NS	0.363	93.26	TW_1999_ChiChi_04_90	0.280	180.50
	13	JP_2004_Chuet-su_04_EW	0.398	174.64	US_1989_Loma Prieta_02_0	0.894	233.78	JP_2018_Hokkaido_04_EW	0.562	386.09	JP_2000_Tottori_02_NS	0.250	91.59	JP_2018_Osake_EW	0.340	93.63	TW_1999_ChiChi_06_360	0.250	183.18
	14	PE_2012_14MAY_EW	2.256	191.21	JP_2013_25FEB_NS	0.330	235.99	JP_2018_Hokkaido_04_NS	0.574	440.70	JP_2004_27OCT_03_NS	0.363	93.26	JP_2011_Fukushima_06_EW	0.363	95.81	TW_1999_ChiChi_08_360	0.340	125.95
	15	US_1989_Loma Prieta_04_0	0.488	203.94	US_1989_Loma Prieta_01_0	0.566	243.50	JP_2018_Hokkaido_07_EW	0.309	270.48	JP_2018_Osake_EW	0.340	93.63	JP_2018_Osake_NS	0.423	96.11	TW_1999_ChiChi_08_90	0.250	158.51
	16	JP_2004_Chuet-su_06_NS	0.356	206.24	CH_2014_Iquique_02_NS	3.122	256.00	TW_1999_ChiChi_01_90	0.519	354.19	JP_2011_Fukushima_06_EW	0.363	95.81	PE_2012_14MAY_EW	1.273	96.35	TW_1999_ChiChi_10_90	0.250	138.58
	17	JP_2016_Kumamoto_04_NS	0.652	211.74	JP_2011_Fukushima_06_EW	0.836	267.61	TW_1999_ChiChi_08_360	1.156	400.19	JP_2018_Osake_NS	0.423	96.11	US_1989_Loma Prieta_02_90	0.273	101.71	US_1989_Loma Prieta_02_90	0.273	101.71
	18	JP_2018_Osake_NS	0.854	229.93	JP_2018_Hokkaido_07_EW	0.309	270.48	US_1989_Loma Prieta_02_0	0.894	233.78	PE_2012_14MAY_EW	1.273	96.35	US_1992_Big Bear_270	0.468	102.51	US_1989_Loma Prieta_04_90	0.250	185.35
	19	US_1989_Loma Prieta_02_90	0.672	230.88	JP_2018_Hokkaido_03_EW	0.530	274.65	US_1989_Loma Prieta_02_90	0.672	230.88	US_1989_Loma Prieta_02_90	0.273	101.71	JP_2004_27OCT_02_NS	0.760	103.09	US_1989_Loma Prieta_06_90	0.393	139.13
	20	US_1989_Loma Prieta_02_0	0.894	233.78	JP_2000_Tottori_02_NS	0.541	274.77	US_1989_Loma Prieta_06_90	1.360	392.29	US_1992_Big Bear_270	0.468	102.51	US_1989_Loma Prieta_02_0	0.430	103.76	US_1994_Northridge_02_360	0.535	143.25

MAP E	1	JP_2009_Shizuoca_01_E W	0.55 2	152.19	US_1992_Big Bear_360	0.48 8	201.28	CH_2014_Iquique_02_EW	3.49 7	1662.24	JP_2021_Miyagi_02_NS	0.25 0	63.67	JP_2016_14APR_EW	0.25 0	72.36	CH_2012_GO05_NS	0.25 0	90.30
	2	JP_2009_Shizuoca_01_N S	0.53 4	153.74	JP_2013_25FEB_NS	0.33 0	285.67	JP_2000_Tottori_01_EW	0.84 5	826.98	JP_2021_Miyagi_02_EW	0.25 0	70.99	JP_2004_27OCT_01_EW	0.25 0	72.91	CH_2014_Iquique_02_EW	0.25 0	130.99
	3	US_1992_Big Bear_360	0.48 8	201.28	JP_2004_Chuetsu_04_E W	0.39 8	327.21	JP_2000_Tottori_05_NS	0.68 8	626.09	JP_2011_19MAR_01_NS	0.25 0	71.00	JP_2012_25AGO_EW	0.25 0	74.24	JP_1997_Kagoshima_NS	0.25 0	201.97
	4	JP_2011_19MAR_01_NS	0.84 4	215.55	US_1992_Big Bear_270	0.65 0	358.02	JP_2004_14DEC_NS	0.83 5	789.69	JP_2016_14APR_EW	0.25 0	72.36	JP_2000_Tottori_04_EW	0.25 0	74.28	JP_2004_27OCT_01_EW	0.25 0	72.91
	5	JP_2011_12APR_NS	0.61 3	218.37	JP_2009_Shizuoca_03_N S	1.03 1	365.98	JP_2004_27OCT_02_NS	2.09 6	925.20	JP_2004_27OCT_01_EW	0.25 0	72.91	JP_2009_Shizuoca_01_NS	0.25 0	75.20	JP_2004_27OCT_02_NS	0.25 0	131.70
	6	JP_2011_Fukushima_04_ NS	0.44 9	281.89	JP_2011_12APR_EW	0.75 1	385.59	JP_2004_Chuetsu_04_E W	0.39 8	327.21	JP_2012_25AGO_EW	0.25 0	74.24	JP_2009_Shizuoca_03_NS	0.25 0	78.42	JP_2004_Chuetsu_07_NS	0.25 0	282.28
	7	JP_2013_25FEB_NS	0.33 0	285.67	JP_2018_Osake_EW	0.43 0	394.24	JP_2011_12APR_EW	0.75 1	385.59	JP_2000_Tottori_04_EW	0.25 0	74.28	JP_2009_Shizuoca_01_EW	0.25 0	79.38	JP_2011_12APR_EW	0.25 0	119.58
	8	JP_2021_Miyagi_02_EW	1.22 4	290.13	JP_2016_14APR_EW	1.18 0	395.41	JP_2011_Fukushima_06_ EW	0.83 6	402.96	JP_2009_Shizuoca_01_N S	0.25 0	75.20	JP_2003_Miyagi_02_EW	0.25 0	82.10	JP_2011_15MAR_NS	0.25 0	202.51
	9	JP_2016_14APR_NS	0.82 8	306.34	JP_2011_Fukushima_06_ EW	0.83 6	402.96	JP_2011_Fukushima_06_ NS	1.24 1	672.35	JP_2009_Shizuoca_03_N S	0.25 0	78.42	JP_2004_27OCT_01_NS	0.25 0	82.61	JP_2011_Fukushima_02_NS	0.25 0	229.49
	10	JP_2004_27OCT_01_NS	1.00 0	326.69	JP_2018_Hokkaido_03_N S	0.44 8	409.20	JP_2016_Kumamoto_04_ NS	0.65 2	457.47	JP_2009_Shizuoca_01_E W	0.25 0	79.38	JP_2004_29NOV_01_EW	0.25 0	86.97	JP_2011_Fukushima_06_NS	0.25 0	103.33
	11	JP_2004_Chuetsu_04_E W	0.39 8	327.21	JP_2000_Tottori_04_EW	1.74 0	435.43	JP_2018_Hokkaido_02_E W	0.77 5	1288.91	JP_2011_19MAR_02_NS	0.25 0	79.57	JP_2011_19MAR_02_EW	0.25 0	87.97	JP_2013_25FEB_EW	0.25 0	206.22
	12	US_1992_Big Bear_270	0.65 0	358.02	JP_2018_Hokkaido_07_E W	0.30 9	440.08	JP_2018_Hokkaido_03_E W	0.53 0	781.41	JP_2011_19MAR_01_EW	0.25 0	82.01	JP_2003_Miyagi_02_NS	0.25 0	89.97	JP_2016_Kumamoto_05_EW	0.25 0	288.23
	13	JP_2009_Shizuoca_03_N S	1.03 1	365.98	JP_2018_Osake_NS	0.85 4	447.67	JP_2018_Hokkaido_04_E W	0.56 2	805.06	JP_2003_Miyagi_02_EW	0.25 0	82.10	US_1992_Big Bear_360	0.25 0	93.40	PE_2012_14MAY_NS	0.25 0	93.85
	14	JP_2011_12APR_EW	0.75 1	385.59	JP_2004_27OCT_01_EW	1.86 3	450.35	JP_2018_Hokkaido_04_N S	0.57 4	944.85	JP_2004_27OCT_01_NS	0.25 0	82.61	JP_2004_29NOV_01_NS	0.25 0	93.63	TW_1999_ChiChi_04_90	0.25 0	848.89
	15	JP_2018_Osake_EW	0.43 0	394.24	JP_2016_Kumamoto_04_ NS	0.65 2	457.47	JP_2018_Hokkaido_07_E W	0.30 9	440.08	JP_2016_28DEC_EW	0.25 0	85.37	JP_2011_Fukushima_06_EW	0.25 0	93.82	TW_1999_ChiChi_06_360	0.25 0	550.62
	16	JP_2016_14APR_EW	1.18 0	395.41	JP_2000_Tottori_02_NS	0.54 1	480.28	TW_1999_ChiChi_01_90	0.51 9	1701.46	JP_2004_29NOV_01_EW	0.25 0	86.97	JP_2003_Miyagi_09_EW	0.25 0	101.51	TW_1999_ChiChi_08_360	0.25 0	248.94
	17	JP_2011_Fukushima_06_ EW	0.83 6	402.96	JP_2004_27OCT_03_NS	0.49 8	504.38	TW_1999_ChiChi_08_360	1.15 6	1301.35	JP_2011_19MAR_02_EW	0.25 0	87.97	JP_2011_Fukushima_06_NS	0.25 0	103.33	TW_1999_ChiChi_08_90	0.25 0	319.41
	18	JP_2018_Hokkaido_03_N S	0.44 8	409.20	JP_2003_Miyagi_02_EW	1.31 6	518.94	US_1989_Loma Prieta_02_0	0.89 4	559.89	JP_2003_Miyagi_02_NS	0.25 0	89.97	US_1987_WhittierNarrows_01_360	0.25 0	105.18	US_1989_Loma Prieta_04_90	0.25 0	302.48
	19	JP_2012_25AGO_EW	1.41 5	412.27	JP_2018_Hokkaido_07_N S	0.28 8	523.05	US_1989_Loma Prieta_02_90	0.67 2	578.61	CH_2012_GO05_NS	0.25 0	90.30	JP_2000_Tottori_04_NS	0.25 0	105.65	US_1989_Loma Prieta_05_195	0.25 0	187.29
	20	JP_2004_29NOV_01_EW	1.08 9	422.45	JP_2003_Miyagi_09_EW	1.20 2	530.98	US_1989_Loma Prieta_06_90	1.36 0	2214.59	US_1992_Big Bear_360	0.25 0	93.40	JP_2018_Osake_NS	0.25 0	106.54	US_1994_Northridge_02_360	0.25 0	346.87
MSE	1	JP_2011_12APR_NS	0.61 3	13442.7 8	US_1992_Big Bear_360	0.48 8	24762.76	CH_2014_Iquique_02_EW	3.49 7	336314.3 4	JP_2011_Fukushima_04_ NS	0.34 0	4951.45	JP_2011_Fukushima_04_NS	0.34 0	4951.45	CH_2012_GO05_EW	1.09 1	35435.1 2
	2	JP_2009_Shizuoca_01_N S	0.53 4	13457.2 9	JP_2004_27OCT_03_NS	0.49 8	27864.82	JP_2000_Tottori_01_EW	0.84 5	258775.2 9	JP_2009_Shizuoca_01_N S	0.43 0	6125.78	JP_2009_Shizuoca_01_NS	0.43 0	6125.78	CH_2014_Iquique_02_EW	1.21 2	48000.1 2
	3	JP_2011_Fukushima_04_ NS	0.44 9	17990.3 0	JP_2018_Hokkaido_03_N S	0.44 8	31028.00	JP_2000_Tottori_05_NS	0.68 8	273946.8 7	JP_2018_Hokkaido_03_N S	0.31 0	8197.46	JP_2018_Hokkaido_03_NS	0.31 0	8197.46	JP_1997_Kagoshima_EW	0.35 5	48406.5 0
	4	JP_2009_Shizuoca_01_E W	0.55 2	23022.2 7	US_1994_Northridge_03_90	0.39 0	37005.74	JP_2004_14DEC_NS	0.83 5	296071.2 5	JP_2021_Miyagi_02_NS	0.25 0	9208.96	JP_2009_Shizuoca_01_EW	0.41 5	10381.9 9	JP_1997_Kagoshima_NS	0.41 5	65575.2 8
	5	US_1992_Big Bear_360	0.48 8	24762.7 6	JP_2018_Osake_EW	0.43 0	42793.21	JP_2004_27OCT_02_NS	2.09 6	120634.8 7	JP_2009_Shizuoca_01_E W	0.41 5	10381.9 9	JP_2011_12APR_NS	0.54 3	11240.6 8	JP_2000_Tottori_01_EW	0.33 3	43917.4 9
	6	JP_2004_27OCT_03_NS	0.49 8	27864.8 2	JP_2011_12APR_EW	0.75 1	44162.74	JP_2004_Chuetsu_04_E W	0.39 8	55237.25	JP_2011_12APR_NS	0.54 3	11240.6 8	JP_2011_12APR_EW	0.49 8	11893.8 7	JP_2004_27OCT_01_EW	0.67 0	49347.5 9
	7	JP_2018_Hokkaido_03_N S	0.44 8	31028.0 0	JP_2004_Chuetsu_04_E W	0.39 8	55237.25	JP_2011_12APR_EW	0.75 1	44162.74	JP_2011_12APR_EW	0.49 8	11893.8 7	US_1992_Big Bear_360	0.37 0	12133.1 2	JP_2007_Noto_02_NS	0.38 5	58626.7 9
	8	JP_2016_14APR_NS	0.82 8	36974.3 4	US_1992_Big Bear_270	0.65 0	61934.83	JP_2011_Fukushima_06_ EW	0.83 6	122887.9 3	US_1992_Big Bear_360	0.37 0	12133.1 2	JP_2004_27OCT_03_NS	0.37 0	14262.4 9	JP_2011_15MAR_NS	0.28 8	34536.8 7
	9	US_1994_Northridge_03_90	0.39 0	37005.7 4	JP_2004_Chuetsu_06_NS	0.35 6	62190.30	JP_2011_Fukushima_06_ NS	1.24 1	304869.3 8	JP_2004_27OCT_03_NS	0.37 0	14262.4 9	JP_2004_Chuetsu_04_EW	0.25 0	15434.9 9	JP_2013_25FEB_EW	0.25 0	46780.5 0
	10	JP_2018_Osake_EW	0.43 0	42793.2 1	JP_2018_Osake_NS	0.85 4	71986.50	JP_2016_Kumamoto_04_ NS	0.65 2	78916.86	JP_2004_Chuetsu_04_E W	0.25 0	15434.9 9	JP_2016_14APR_NS	0.58 8	17415.1 7	JP_2016_Kumamoto_05_EW	0.59 5	55731.9 7
	11	JP_2011_12APR_EW	0.75 1	44162.7 4	US_1989_Loma Prieta_01_0	0.56 6	76065.67	JP_2018_Hokkaido_02_E W	0.77 5	122767.8 1	JP_2016_14APR_NS	0.58 8	17415.1 7	JP_2018_Osake_EW	0.29 5	17894.3 6	JP_2016_Kumamoto_06_EW	0.40 0	40584.9 6
	12	US_1989_Loma Prieta_04_0	0.48 8	54004.9 6	JP_2016_Kumamoto_04_ NS	0.65 2	78916.86	JP_2018_Hokkaido_03_E W	0.53 0	115164.2 1	JP_2018_Osake_EW	0.29 5	17894.3 6	JP_2018_Osake_NS	0.50 5	18317.6 5	JP_2018_Hokkaido_02_NS	0.39 3	59389.7 1
	13	JP_2004_Chuetsu_04_E W	0.39 8	55237.2 5	US_1989_Loma Prieta_02_0	0.89 4	91712.87	JP_2018_Hokkaido_04_E W	0.56 2	203066.8 6	JP_2018_Osake_NS	0.50 5	18317.6 5	US_1989_Loma Prieta_04_0	0.31 8	19836.9 3	TW_1999_ChiChi_04_90	0.46 8	65091.2 5
	14	US_1992_Big Bear_270	0.65 0	61934.8 3	US_1989_Loma Prieta_02_90	0.67 2	92487.17	JP_2018_Hokkaido_04_N S	0.57 4	282102.4 9	US_1989_Loma Prieta_04_0	0.31 8	19836.9 3	US_1994_Northridge_03_90	0.28 0	20194.8 4	TW_1999_ChiChi_06_360	0.30 3	63732.9 4
	15	JP_2004_Chuetsu_06_NS	0.35 6	62190.3 0	JP_2018_Hokkaido_03_E W	0.53 0	115164.2 1	JP_2018_Hokkaido_07_E W	0.30 9	122231.7 4	US_1994_Northridge_03_90	0.28 0	20194.8 4	JP_2011_Fukushima_04_EW	0.46 8	22268.9 9	TW_1999_ChiChi_06_90	0.25 8	65313.7 5
	16	PE_2012_14MAY_EW	2.25 6	62937.0 4	JP_2004_27OCT_02_NS	2.09 6	120634.8 7	TW_1999_ChiChi_01_90	0.51 9	162089.9 9	JP_2011_Fukushima_04_ EW	0.46 8	22268.9 9	US_1989_Loma Prieta_01_0	0.33 3	22511.6 3	TW_1999_ChiChi_10_90	0.25 8	35689.5 5
	17	JP_2018_Osake_NS	0.85 4	71986.5 0	JP_2018_Hokkaido_07_E W	0.30 9	122231.7 4	TW_1999_ChiChi_08_360	1.15 6	215129.8 4	US_1989_Loma Prieta_01_0	0.33 3	22511.6 3	PE_2012_14MAY_EW	1.39 4	22719.5 1	US_1987_WhittierNarrows_01_2_70	0.52 0	48378.2 9
	18	US_1989_Loma Prieta_01_0	0.56 6	76065.6 7	JP_2018_Hokkaido_02_E W	0.77 5	122767.8 1	US_1989_Loma Prieta_02_0	0.89 4	91712.87	PE_2012_14MAY_EW	1.39 4	22719.5 1	JP_2000_Tottori_02_NS	0.26 5	22836.8 1	US_1989_Loma Prieta_05_195	0.98 5	52947.3 2
	19	JP_2016_Kumamoto_04_ NS	0.65 2	78916.8 6	JP_2011_Fukushima_06_ EW	0.83 6	122887.9 3	US_1989_Loma Prieta_02_90	0.67 2	92487.17	JP_2000_Tottori_02_NS	0.26 5	22836.8 1	US_1989_Loma Prieta_02_0	0.49 8	23975.8 1	US_1992_Petrolia_Aftershock_0_1_90	0.45 3	53335.5 1

	20	US_1989_Loma Prieta_02_0	0.894	91712.87	CH_2014_Iquique_02_NS	3.122	125435.89	US_1989_Loma Prieta_06_90	1.360	207297.26	US_1989_Loma Prieta_02_0	0.498	23975.81	JP_2018_Hokkaido_03_EW	0.273	24134.92	US_1994_Northridge_01_360	0.415	56973.33
RMS E	1	JP_2011_12APR_NS	0.613	115.94	US_1992_Big Bear_360	0.488	157.36	CH_2014_Iquique_02_EW	3.497	579.93	JP_2011_Fukushima_04_NS	0.340	70.37	JP_2011_Fukushima_04_NS	0.340	70.37	CH_2012_GO05_EW	1.091	188.24
	2	JP_2009_Shizuoca_01_NS	0.534	116.01	JP_2004_27OCT_03_NS	0.498	166.93	JP_2000_Tottori_01_EW	0.845	508.70	JP_2009_Shizuoca_01_NS	0.430	78.27	JP_2009_Shizuoca_01_NS	0.430	78.27	CH_2014_Iquique_02_EW	1.212	219.09
	3	JP_2011_Fukushima_04_NS	0.449	134.13	JP_2018_Hokkaido_03_NS	0.448	176.15	JP_2000_Tottori_05_NS	0.688	523.40	JP_2018_Hokkaido_03_NS	0.310	90.54	JP_2018_Hokkaido_03_NS	0.310	90.54	JP_1997_Kagoshima_EW	0.355	220.01
	4	JP_2009_Shizuoca_01_EW	0.552	151.73	US_1994_Northridge_03_90	0.390	192.37	JP_2004_14DEC_NS	0.835	544.12	JP_2021_Miyagi_02_NS	0.250	95.96	JP_2009_Shizuoca_01_EW	0.415	101.89	JP_1997_Kagoshima_NS	0.415	256.08
	5	US_1992_Big Bear_360	0.488	157.36	JP_2018_Osake_EW	0.430	206.87	JP_2004_27OCT_02_NS	2.096	347.33	JP_2009_Shizuoca_01_EW	0.415	101.89	JP_2011_12APR_NS	0.543	106.02	JP_2000_Tottori_01_EW	0.333	209.56
	6	JP_2004_27OCT_03_NS	0.498	166.93	JP_2011_12APR_EW	0.751	210.15	JP_2004_Chuet-su_04_EW	0.398	235.03	JP_2011_12APR_NS	0.543	106.02	JP_2011_12APR_EW	0.498	109.06	JP_2004_27OCT_01_EW	0.670	222.14
	7	JP_2018_Hokkaido_03_NS	0.448	176.15	JP_2004_Chuet-su_04_EW	0.398	235.03	JP_2011_12APR_EW	0.751	210.15	JP_2011_12APR_EW	0.498	109.06	US_1992_Big Bear_360	0.370	110.15	JP_2007_Noto_02_NS	0.385	242.13
	8	JP_2016_14APR_NS	0.828	192.29	US_1992_Big Bear_270	0.650	248.87	JP_2011_Fukushima_06_EW	0.836	350.55	US_1992_Big Bear_360	0.370	110.15	JP_2004_27OCT_03_NS	0.370	119.43	JP_2011_15MAR_NS	0.288	185.84
	9	US_1994_Northridge_03_90	0.390	192.37	JP_2004_Chuet-su_06_NS	0.356	249.38	JP_2011_Fukushima_06_NS	1.241	552.15	JP_2004_27OCT_03_NS	0.370	119.43	JP_2004_Chuet-su_04_EW	0.250	124.24	JP_2013_25FEB_EW	0.250	216.29
	10	JP_2018_Osake_EW	0.430	206.87	JP_2018_Osake_NS	0.854	268.30	JP_2016_Kumamoto_04_NS	0.652	280.92	JP_2004_Chuet-su_04_EW	0.250	124.24	JP_2016_14APR_NS	0.588	131.97	JP_2016_Kumamoto_05_EW	0.595	236.08
	11	JP_2011_12APR_EW	0.751	210.15	US_1989_Loma Prieta_01_0	0.566	275.80	JP_2018_Hokkaido_02_EW	0.775	350.38	JP_2016_14APR_NS	0.588	131.97	JP_2018_Osake_EW	0.295	133.77	JP_2016_Kumamoto_06_EW	0.400	201.46
	12	US_1989_Loma Prieta_04_0	0.488	232.39	JP_2016_Kumamoto_04_NS	0.652	280.92	JP_2018_Hokkaido_03_EW	0.530	339.36	JP_2018_Osake_EW	0.295	133.77	JP_2018_Osake_NS	0.505	135.34	JP_2018_Hokkaido_02_NS	0.393	243.70
	13	JP_2004_Chuet-su_04_EW	0.398	235.03	US_1989_Loma Prieta_02_0	0.894	302.84	JP_2018_Hokkaido_04_EW	0.562	450.63	JP_2018_Osake_NS	0.505	135.34	US_1989_Loma Prieta_04_0	0.318	140.84	TW_1999_ChiChi_04_90	0.468	255.13
	14	US_1992_Big Bear_270	0.650	248.87	US_1989_Loma Prieta_02_90	0.672	304.12	JP_2018_Hokkaido_04_NS	0.574	531.13	US_1989_Loma Prieta_04_0	0.318	140.84	US_1994_Northridge_03_90	0.280	142.11	TW_1999_ChiChi_06_360	0.303	252.45
	15	JP_2004_Chuet-su_06_NS	0.356	249.38	JP_2018_Hokkaido_03_EW	0.530	339.36	JP_2018_Hokkaido_07_EW	0.309	349.62	US_1994_Northridge_03_90	0.280	142.11	JP_2011_Fukushima_04_EW	0.468	149.23	TW_1999_ChiChi_06_90	0.258	255.57
	16	PE_2012_14MAY_EW	2.256	250.87	JP_2004_27OCT_02_NS	2.096	347.33	TW_1999_ChiChi_01_90	0.519	402.60	JP_2011_Fukushima_04_EW	0.468	149.23	US_1989_Loma Prieta_01_0	0.333	150.04	TW_1999_ChiChi_10_90	0.258	188.92
	17	JP_2018_Osake_NS	0.854	268.30	JP_2018_Hokkaido_07_EW	0.309	349.62	TW_1999_ChiChi_08_360	1.156	463.82	US_1989_Loma Prieta_01_0	0.333	150.04	PE_2012_14MAY_EW	1.394	150.73	US_1987_WhittierNarrows_01_270	0.520	219.95
	18	US_1989_Loma Prieta_01_0	0.566	275.80	JP_2018_Hokkaido_02_EW	0.775	350.38	US_1989_Loma Prieta_02_0	0.894	302.84	PE_2012_14MAY_EW	1.394	150.73	JP_2000_Tottori_02_NS	0.265	151.12	US_1989_Loma Prieta_05_195	0.985	230.10
	19	JP_2016_Kumamoto_04_NS	0.652	280.92	JP_2011_Fukushima_06_EW	0.836	350.55	US_1989_Loma Prieta_02_90	0.672	304.12	JP_2000_Tottori_02_NS	0.265	151.12	US_1989_Loma Prieta_02_0	0.498	154.84	US_1992_Petrolia_Aftershock_01_90	0.453	230.94
	20	US_1989_Loma Prieta_02_0	0.894	302.84	CH_2014_Iquique_02_NS	3.122	354.17	US_1989_Loma Prieta_06_90	1.360	455.30	US_1989_Loma Prieta_02_0	0.498	154.84	JP_2018_Hokkaido_03_EW	0.273	155.35	US_1994_Northridge_01_360	0.415	238.69

REGISTROS SELECCIONADOS CASO Ymr-I T=0.32s - TSemc-tr-2475																			
Caso:		TSemc-tr-2475_NSp_Sbs			TSemc-tr-2475_NSp_Sci			TSemc-tr-2475_NSp_Ssr			TSemc-tr-2475_NSr_Sbs			TSemc-tr-2475_NSr_Sci			TSemc-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2021_Miyagi_02_NS	0.295	80.89	JP_2009_Shizuoca_01_NS	0.667	110.42	JP_2000_Tottori_01_EW	1.056	506.38	JP_2011_Fukushima_04_NS	0.378	55.13	JP_2011_Fukushima_04_NS	0.378	55.13	CH_2012_GO05_EW	0.925	150.47
	2	JP_2011_12APR_NS	0.766	106.42	US_1992_Big Bear_360	0.610	139.99	JP_2004_27OCT_02_NS	2.620	366.92	JP_2009_Shizuoca_01_NS	0.490	67.83	JP_2009_Shizuoca_01_NS	0.490	67.83	JP_1997_Kagoshima_EW	0.280	177.77
	3	JP_2009_Shizuoca_01_NS	0.667	110.42	JP_2004_27OCT_03_NS	0.622	172.83	JP_2011_12APR_EW	0.938	220.33	JP_2018_Hokkaido_03_NS	0.325	77.01	JP_2018_Hokkaido_03_NS	0.325	77.01	JP_2000_Tottori_01_EW	0.333	172.98
	4	JP_2009_Shizuoca_01_EW	0.690	125.21	JP_2018_Hokkaido_03_NS	0.561	184.73	JP_2011_15MAR_EW	0.291	214.69	JP_2021_Miyagi_02_NS	0.295	80.90	JP_2011_12APR_EW	0.498	87.25	JP_2004_27OCT_02_EW	0.310	164.27
	5	JP_2011_Fukushima_04_NS	0.562	125.55	JP_2018_Osake_EW	0.537	184.87	JP_2016_Kumamoto_01_EW	0.727	422.59	JP_2011_12APR_EW	0.498	87.25	JP_2009_Shizuoca_01_EW	0.445	94.09	JP_2004_Chuet-su_07_NS	0.423	173.63
	6	JP_2008_Iwate_02_NS	0.292	129.09	US_1994_Northridge_03_90	0.487	208.49	JP_2016_Kumamoto_01_NS	0.610	487.27	JP_2009_Shizuoca_01_EW	0.445	94.09	US_1992_Big Bear_360	0.483	94.68	JP_2008_Iwate_04_NS	0.250	236.52
	7	US_1992_Big Bear_360	0.610	139.99	US_1992_Big Bear_270	0.812	209.84	JP_2016_Kumamoto_04_NS	0.815	274.31	US_1992_Big Bear_360	0.483	94.68	JP_2004_Chuet-su_04_EW	0.288	96.46	JP_2011_15MAR_NS	0.258	168.11
	8	JP_2016_14APR_NS	1.035	157.68	JP_2011_15MAR_EW	0.291	214.69	JP_2018_Hokkaido_02_EW	0.969	393.14	JP_2011_12APR_NS	0.670	96.14	JP_2011_Fukushima_04_EW	0.445	111.50	JP_2016_Kumamoto_04_EW	0.318	144.32
	9	JP_2004_27OCT_03_NS	0.622	172.83	JP_2011_12APR_EW	0.938	220.33	JP_2018_Hokkaido_03_EW	0.662	352.94	JP_2004_Chuet-su_04_EW	0.288	96.46	JP_2000_Tottori_02_NS	0.288	113.16	JP_2016_Kumamoto_06_EW	0.340	176.81
	10	JP_2018_Hokkaido_03_NS	0.561	184.73	JP_2004_Chuet-su_04_EW	0.498	227.93	JP_2018_Hokkaido_07_EW	0.386	347.73	JP_2008_Iwate_02_NS	0.250	110.84	JP_2004_27OCT_03_NS	0.438	118.94	JP_2018_Hokkaido_02_NS	0.340	202.81
	11	JP_2018_Osake_EW	0.537	184.87	JP_2004_Chuet-su_06_NS	0.444	267.43	TW_1999_ChiChi_01_90	0.648	452.36	JP_2016_14APR_EW	0.520	111.43	JP_2011_Fukushima_06_EW	0.438	121.39	JP_2018_Hokkaido_03_EW	0.250	130.70
	12	US_1994_Northridge_03_90	0.487	208.49	JP_2016_Kumamoto_04_NS	0.815	274.31	TW_1999_ChiChi_08_360	1.445	509.86	JP_2011_Fukushima_04_EW	0.445	111.50	JP_2018_Osake_NS	0.498	122.14	TW_1999_ChiChi_06_360	0.273	222.60

	13	US_1992_Big Bear_270	0.812	209.84	JP_2018_Osake_NS	1.067	297.04	TW_1999_ChiChi_10_90	0.819	577.87	JP_2016_14APR_NS	0.693	111.57	PE_2012_14MAY_EW	1.545	122.25	TW_1999_ChiChi_06_90	0.250	223.97
	14	JP_2011_15MAR_EW	0.291	214.69	US_1989_Loma Prieta_02_90	0.839	298.23	US_1989_Loma Prieta_02_0	1.118	301.85	JP_2000_Tottori_02_NS	0.288	113.16	US_1989_Loma Prieta_02_90	0.325	126.84	TW_1999_ChiChi_08_360	0.408	157.32
	15	JP_2011_12APR_EW	0.938	220.33	US_1989_Loma Prieta_02_0	1.118	301.85	US_1989_Loma Prieta_02_90	0.839	298.23	JP_2004_27OCT_03_NS	0.438	118.94	JP_2004_27OCT_02_NS	0.918	129.54	TW_1999_ChiChi_08_90	0.250	190.64
	16	JP_2004_Chuet-su_04_EW	0.498	227.93	JP_2013_25FEB_NS	0.413	303.81	US_1989_Loma Prieta_04_0	0.610	264.55	JP_2018_Osake_EW	0.415	119.00	JP_2018_Hokkaido_03_EW	0.250	130.70	TW_1999_ChiChi_10_90	0.250	163.25
	17	PE_2012_14MAY_EW	2.820	246.30	US_1989_Loma Prieta_01_0	0.707	314.01	US_1989_Loma Prieta_05_285	1.508	611.94	JP_2011_Fukushima_06_EW	0.438	121.39	US_1989_Loma Prieta_02_0	0.505	131.15	US_1989_Loma Prieta_05_195	0.693	204.60
	18	US_1989_Loma Prieta_04_0	0.610	264.55	CH_2014_Iquique_02_NS	3.902	328.82	US_1989_Loma Prieta_06_90	1.700	499.18	JP_2018_Osake_NS	0.498	122.14	US_1989_Loma Prieta_04_0	0.295	140.86	US_1989_Loma Prieta_05_285	0.363	201.24
	19	JP_2004_Chuet-su_06_NS	0.444	267.43	JP_2011_Fukushima_06_EW	1.045	344.15	US_1994_Northridge_02_90	1.524	531.08	PE_2012_14MAY_EW	1.545	122.25	US_1992_Petrolia_02_360	0.310	141.58	US_1989_Loma Prieta_06_90	0.468	173.01
	20	JP_2016_Kumamoto_04_NS	0.815	274.31	JP_2018_Hokkaido_07_EW	0.386	347.73	US_1994_Northridge_03_360	0.637	470.81	US_1989_Loma Prieta_02_90	0.325	126.84	JP_2000_Tottori_05_NS	0.250	144.16	US_1994_Northridge_01_360	0.438	179.14
MAP E	1	JP_2021_Miyagi_02_NS	0.295	68.57	JP_2009_Shizuoca_01_NS	0.667	180.13	JP_2000_Tottori_01_EW	1.056	940.86	JP_2021_Miyagi_02_NS	0.250	60.40	JP_2016_14APR_EW	0.250	72.53	CH_2012_GO05_NS	0.250	90.49
	2	JP_2009_Shizuoca_01_EW	0.690	175.99	US_1992_Big Bear_360	0.610	232.41	JP_2004_27OCT_02_NS	2.620	1059.86	JP_2011_19MAR_01_NS	0.250	69.08	JP_2012_25AGO_EW	0.250	73.32	CH_2014_Iquique_02_EW	0.250	128.88
	3	JP_2009_Shizuoca_01_NS	0.667	180.13	JP_2011_15MAR_EW	0.291	278.00	JP_2011_12APR_EW	0.938	444.75	JP_2021_Miyagi_02_EW	0.250	70.80	JP_2004_27OCT_01_EW	0.250	74.36	JP_1997_Kagoshima_NS	0.250	183.80
	4	JP_2008_Iwate_02_NS	0.292	181.58	JP_2013_25FEB_NS	0.413	326.09	JP_2011_15MAR_EW	0.291	278.00	JP_2016_14APR_EW	0.250	72.53	JP_2000_Tottori_04_EW	0.250	75.18	JP_2004_27OCT_01_EW	0.250	74.36
	5	US_1992_Big Bear_360	0.610	232.41	JP_2004_Chuet-su_04_EW	0.498	376.90	JP_2016_Kumamoto_01_EW	0.727	1822.46	JP_2012_25AGO_EW	0.250	73.32	JP_2009_Shizuoca_03_NS	0.250	75.84	JP_2004_27OCT_02_NS	0.250	129.56
	6	JP_2011_19MAR_01_NS	1.055	244.21	US_1992_Big Bear_270	0.812	411.54	JP_2016_Kumamoto_01_NS	0.610	1408.64	JP_2004_27OCT_01_EW	0.250	74.36	JP_2009_Shizuoca_01_NS	0.250	77.30	JP_2004_Chuet-su_07_NS	0.250	259.00
	7	JP_2011_12APR_NS	0.766	251.63	JP_2009_Shizuoca_03_NS	1.289	413.52	JP_2016_Kumamoto_04_NS	0.815	522.33	JP_2000_Tottori_04_EW	0.250	75.18	JP_2003_Miyagi_02_EW	0.250	78.58	JP_2011_12APR_EW	0.250	118.05
	8	JP_2011_15MAR_EW	0.291	278.00	JP_2011_12APR_EW	0.938	444.75	JP_2018_Hokkaido_02_EW	0.969	1471.41	JP_2009_Shizuoca_03_NS	0.250	75.84	JP_2009_Shizuoca_01_EW	0.250	79.61	JP_2011_15MAR_NS	0.250	179.08
	9	JP_2013_25FEB_NS	0.413	326.09	JP_2016_14APR_EW	1.474	445.86	JP_2018_Hokkaido_03_EW	0.662	894.85	JP_2009_Shizuoca_01_NS	0.250	77.30	JP_2004_27OCT_01_NS	0.250	80.43	JP_2011_Fukushima_02_NS	0.250	211.32
	10	JP_2021_Miyagi_02_EW	1.530	327.40	JP_2018_Osake_EW	0.537	454.03	JP_2018_Hokkaido_07_EW	0.386	497.96	JP_2011_19MAR_02_NS	0.250	77.67	JP_2011_19MAR_02_EW	0.250	84.20	JP_2011_Fukushima_06_NS	0.250	100.83
	11	JP_2011_Fukushima_04_NS	0.562	328.83	JP_2011_Fukushima_06_EW	1.045	459.38	TW_1999_ChiChi_01_90	0.648	1945.61	JP_2003_Miyagi_02_EW	0.250	78.58	JP_2004_29NOV_01_EW	0.250	84.89	JP_2013_25FEB_EW	0.250	182.68
	12	JP_2016_14APR_NS	1.035	353.63	JP_2018_Hokkaido_03_NS	0.561	472.60	TW_1999_ChiChi_08_360	1.445	1483.23	JP_2011_19MAR_01_EW	0.250	79.36	JP_2003_Miyagi_02_NS	0.250	86.20	JP_2016_Kumamoto_05_EW	0.250	265.14
	13	JP_2004_27OCT_01_NS	1.250	371.84	JP_2000_Tottori_04_EW	2.175	492.91	TW_1999_ChiChi_10_90	0.819	1445.33	JP_2009_Shizuoca_01_EW	0.250	79.61	US_1992_Big Bear_360	0.250	87.85	PE_2012_14MAY_NS	0.250	93.32
	14	JP_2004_Chuet-su_04_EW	0.498	376.90	JP_2018_Hokkaido_07_EW	0.386	497.96	US_1989_Loma Prieta_02_0	1.118	641.52	JP_2004_27OCT_01_NS	0.250	80.43	JP_2011_Fukushima_06_EW	0.250	90.76	TW_1999_ChiChi_04_90	0.250	785.65
	15	US_1992_Big Bear_270	0.812	411.54	JP_2004_27OCT_01_EW	2.329	508.84	US_1989_Loma Prieta_02_90	0.839	661.29	JP_2016_28DEC_EW	0.250	83.23	JP_2004_29NOV_01_NS	0.250	94.13	TW_1999_ChiChi_06_360	0.250	500.33
	16	JP_2009_Shizuoca_03_NS	1.289	413.52	JP_2018_Osake_NS	1.067	510.17	US_1989_Loma Prieta_04_0	0.610	759.22	JP_2011_19MAR_02_EW	0.250	84.20	JP_2003_Miyagi_09_EW	0.250	95.66	TW_1999_ChiChi_08_360	0.250	231.94
	17	JP_2011_12APR_EW	0.938	444.75	JP_2016_Kumamoto_04_NS	0.815	522.33	US_1989_Loma Prieta_05_285	1.508	1610.01	JP_2004_29NOV_01_EW	0.250	84.89	US_1987_WhittierNarrows_01_360	0.250	97.51	TW_1999_ChiChi_08_90	0.250	286.83
	18	JP_2016_14APR_EW	1.474	445.86	JP_2000_Tottori_02_NS	0.677	549.43	US_1989_Loma Prieta_06_90	1.700	2541.49	JP_2003_Miyagi_02_NS	0.250	86.20	JP_2018_Osake_NS	0.250	100.78	US_1989_Loma Prieta_04_90	0.250	272.02
	19	JP_2018_Osake_EW	0.537	454.03	JP_2004_27OCT_03_NS	0.622	579.47	US_1994_Northridge_02_90	1.524	1616.06	US_1992_Big Bear_360	0.250	87.85	JP_2011_Fukushima_06_NS	0.250	100.83	US_1989_Loma Prieta_05_195	0.250	176.06
	20	JP_2011_Fukushima_06_EW	1.045	459.38	JP_2003_Miyagi_02_EW	1.646	581.30	US_1994_Northridge_03_360	0.637	1415.92	CH_2012_GO05_NS	0.250	90.49	JP_2000_Tottori_04_NS	0.250	100.90	US_1994_Northridge_02_360	0.250	321.55
MSE	1	JP_2021_Miyagi_02_NS	0.295	13656.94	JP_2009_Shizuoca_01_NS	0.667	24003.57	JP_2000_Tottori_01_EW	1.056	417506.31	JP_2011_Fukushima_04_NS	0.415	8290.42	JP_2009_Shizuoca_01_NS	0.528	10450.03	CH_2014_Iquique_02_EW	1.485	75253.34
	2	JP_2011_12APR_NS	0.766	22352.59	US_1992_Big Bear_360	0.610	42229.92	JP_2004_27OCT_02_NS	2.620	197713.43	JP_2009_Shizuoca_01_NS	0.528	10450.03	JP_2018_Hokkaido_03_NS	0.385	13833.05	JP_1997_Kagoshima_EW	0.430	76024.41
	3	JP_2009_Shizuoca_01_NS	0.667	24003.57	JP_2004_27OCT_03_NS	0.622	47500.43	JP_2011_12APR_EW	0.938	74707.40	JP_2021_Miyagi_02_NS	0.295	13655.31	JP_2009_Shizuoca_01_EW	0.513	16972.80	JP_1997_Kagoshima_NS	0.498	101319.29
	4	JP_2011_Fukushima_04_NS	0.562	31303.19	JP_2018_Hokkaido_03_NS	0.561	53276.16	JP_2011_15MAR_EW	0.291	66567.45	JP_2018_Hokkaido_03_NS	0.385	13833.05	JP_2011_12APR_NS	0.663	17793.15	JP_2000_Tottori_05_EW	0.408	94286.44
	5	JP_2008_Iwate_02_NS	0.292	31526.39	US_1994_Northridge_03_90	0.487	61607.55	JP_2016_Kumamoto_01_EW	0.727	220500.28	JP_2009_Shizuoca_01_EW	0.513	16972.80	JP_2011_12APR_EW	0.603	19718.33	JP_2004_Chuet-su_05_NS	0.250	64480.13
	6	JP_2009_Shizuoca_01_EW	0.690	39465.08	JP_2011_15MAR_EW	0.291	66567.45	JP_2016_Kumamoto_01_NS	0.610	350110.15	JP_2011_12APR_NS	0.663	17793.15	US_1992_Big Bear_360	0.453	19733.41	JP_2009_Shizuoca_02_NS	0.670	84263.70
	7	US_1992_Big Bear_360	0.610	42229.92	JP_2018_Osake_EW	0.537	71666.12	JP_2016_Kumamoto_04_NS	0.815	129919.98	JP_2011_12APR_EW	0.603	19718.33	JP_2004_27OCT_03_NS	0.453	23273.54	JP_2011_Fukushima_02_NS	0.723	103396.38
	8	JP_2004_27OCT_03_NS	0.622	47500.43	JP_2011_12APR_EW	0.938	74707.40	JP_2018_Hokkaido_02_EW	0.969	199750.36	US_1992_Big Bear_360	0.453	19733.41	JP_2004_Chuet-su_04_EW	0.310	25316.45	JP_2011_Fukushima_06_NS	0.543	77226.09
	9	JP_2018_Hokkaido_03_NS	0.561	53276.16	JP_2004_Chuet-su_04_EW	0.498	92645.89	JP_2018_Hokkaido_03_EW	0.662	188453.03	JP_2008_Iwate_02_NS	0.250	20079.26	JP_2018_Osake_EW	0.355	28789.27	JP_2016_Kumamoto_01_EW	0.348	49783.05
	10	JP_2016_14APR_NS	1.035	61586.13	US_1992_Big Bear_270	0.812	102301.17	JP_2018_Hokkaido_07_EW	0.386	198940.46	JP_2004_27OCT_03_NS	0.453	23273.54	US_1989_Loma Prieta_04_0	0.385	31760.80	JP_2016_Kumamoto_05_EW	0.723	86821.64
	11	US_1994_Northridge_03_90	0.487	61607.55	JP_2004_Chuet-su_06_NS	0.444	103130.38	TW_1999_ChiChi_01_90	0.648	262235.66	JP_2004_Chuet-su_04_EW	0.310	25316.45	US_1994_Northridge_03_90	0.340	32141.06	JP_2018_Hokkaido_02_EW	0.483	53018.06

	1 2	JP_2011_15MAR_EW	0.29 1	66567.45	JP_2018_Osake_NS	1.06 7	120002.2 2	TW_1999_ChiChi_08_360	1.44 5	348399.9 7	JP_2016_14APR_NS	0.71 5	27667.2 1	JP_2011_Fukushima_04_EW	0.57 3	35534.8 1	TW_1999_ChiChi_04_90	0.57 3	100658.1 2
	1 3	JP_2018_Osake_EW	0.53 7	71666.12	US_1989_Loma Prieta_01_0	0.70 7	125372.3 0	TW_1999_ChiChi_10_90	0.81 9	438413.4 7	JP_2018_Osake_EW	0.35 5	28789.2 7	US_1989_Loma Prieta_01_0	0.40 8	35882.4 8	TW_1999_ChiChi_06_360	0.37 0	98445.95
	1 4	JP_2011_12APR_EW	0.93 8	74707.40	JP_2016_Kumamoto_04_ NS	0.81 5	129919.9 8	US_1989_Loma Prieta_02_0	1.11 8	151147.6 8	JP_2018_Osake_NS	0.61 8	29969.5 7	PE_2012_14MAY_EW	1.69 7	36289.2 6	TW_1999_ChiChi_08_360	0.59 5	53490.20
	1 5	US_1989_Loma Prieta_04_0	0.61 0	89815.49	US_1989_Loma Prieta_02_0	1.11 8	151147.6 8	US_1989_Loma Prieta_02_90	0.83 9	151548.4 4	US_1989_Loma Prieta_04_0	0.38 5	31760.8 0	JP_2000_Tottori_02_NS	0.32 5	36806.1 3	US_1987_WhittierNarrows_01_ 270	0.63 3	75952.40
	1 6	JP_2004_Chuettsu_04_E W	0.49 8	92645.89	US_1989_Loma Prieta_02_90	0.83 9	151548.4 4	US_1989_Loma Prieta_04_0	0.61 0	89815.49	US_1994_Northridge_03_ 90	0.34 0	32141.0 6	JP_2011_15MAR_EW	0.25 0	37034.8 5	US_1989_Loma Prieta_04_90	0.34 8	108976.4 3
	1 7	US_1992_Big Bear_270	0.81 2	102301.1 7	JP_2018_Hokkaido_03_E W	0.66 2	188453.0 3	US_1989_Loma Prieta_05_285	1.50 8	532845.4 2	JP_2011_Fukushima_04_ EW	0.57 3	35534.8 1	JP_2004_Chuettsu_06_NS	0.27 3	37052.4 6	US_1989_Loma Prieta_05_285	0.50 5	87627.44
	1 8	JP_2004_Chuettsu_06_N S	0.44 4	103130.3 8	JP_2004_27OCT_02_NS	2.62 0	197713.4 3	US_1989_Loma Prieta_06_90	1.70 0	335101.6 0	US_1989_Loma Prieta_01_0	0.40 8	35882.4 8	US_1992_Big Bear_270	0.49 8	38451.7 7	US_1989_Loma Prieta_06_0	0.55 0	86016.19
	1 9	PE_2012_14MAY_EW	2.82 0	104231.7 6	JP_2018_Hokkaido_07_E W	0.38 6	198940.4 6	US_1994_Northridge_02_9 0	1.52 4	346663.3 7	PE_2012_14MAY_EW	1.69 7	36289.2 6	US_1989_Loma Prieta_02_0	0.61 0	38478.1 7	US_1989_Loma Prieta_06_90	0.70 0	66361.05
	2 0	JP_2018_Osake_NS	1.06 7	120002.2 2	JP_2018_Hokkaido_02_E W	0.96 9	199750.3 6	US_1994_Northridge_03_3 60	0.63 7	338156.5 0	JP_2000_Tottori_02_NS	0.32 5	36806.1 3	JP_2018_Hokkaido_03_EW	0.34 0	38507.7 0	US_1994_Northridge_03_360	0.25 8	83949.21
RMS E	1	JP_2021_Miyagi_02_NS	0.29 5	116.86	JP_2009_Shizuoca_01_N S	0.66 7	154.93	JP_2000_Tottori_01_EW	1.05 6	646.15	JP_2011_Fukushima_04_ NS	0.41 5	91.05	JP_2009_Shizuoca_01_NS	0.52 8	102.23	CH_2014_Iquique_02_EW	1.48 5	274.32
	2	JP_2011_12APR_NS	0.76 6	149.51	US_1992_Big Bear_360	0.61 0	205.50	JP_2004_27OCT_02_NS	2.62 0	444.65	JP_2009_Shizuoca_01_N S	0.52 8	102.23	JP_2018_Hokkaido_03_NS	0.38 5	117.61	JP_1997_Kagoshima_EW	0.43 0	275.73
	3	JP_2009_Shizuoca_01_N S	0.66 7	154.93	JP_2004_27OCT_03_NS	0.62 2	217.95	JP_2011_12APR_EW	0.93 8	273.33	JP_2021_Miyagi_02_NS	0.29 5	116.86	JP_2009_Shizuoca_01_EW	0.51 3	130.28	JP_1997_Kagoshima_NS	0.49 8	318.31
	4	JP_2011_Fukushima_04_ NS	0.56 2	176.93	JP_2018_Hokkaido_03_N S	0.56 1	230.82	JP_2011_15MAR_EW	0.29 1	258.01	JP_2018_Hokkaido_03_N S	0.38 5	117.61	JP_2011_12APR_NS	0.66 3	133.39	JP_2000_Tottori_05_EW	0.40 8	307.06
	5	JP_2008_Iwate_02_NS	0.29 2	177.56	US_1994_Northridge_03_ 90	0.48 7	248.21	JP_2016_Kumamoto_01_E W	0.72 7	469.57	JP_2009_Shizuoca_01_E W	0.51 3	130.28	JP_2011_12APR_EW	0.60 3	140.42	JP_2004_Chuettsu_05_NS	0.25 0	253.93
	6	JP_2009_Shizuoca_01_E W	0.69 0	198.66	JP_2011_15MAR_EW	0.29 1	258.01	JP_2016_Kumamoto_01_N S	0.61 0	591.70	JP_2011_12APR_NS	0.66 3	133.39	US_1992_Big Bear_360	0.45 3	140.48	JP_2009_Shizuoca_02_NS	0.67 0	290.28
	7	US_1992_Big Bear_360	0.61 0	205.50	JP_2018_Osake_EW	0.53 7	267.71	JP_2016_Kumamoto_04_N S	0.81 5	360.44	JP_2011_12APR_EW	0.60 3	140.42	JP_2004_27OCT_03_NS	0.45 3	152.56	JP_2011_Fukushima_02_NS	0.72 3	321.55
	8	JP_2004_27OCT_03_NS	0.62 2	217.95	JP_2011_12APR_EW	0.93 8	273.33	JP_2018_Hokkaido_02_E W	0.96 9	446.93	US_1992_Big Bear_360	0.45 3	140.48	JP_2004_Chuettsu_04_EW	0.31 0	159.11	JP_2011_Fukushima_06_NS	0.54 3	277.90
	9	JP_2018_Hokkaido_03_N S	0.56 1	230.82	JP_2004_Chuettsu_04_E W	0.49 8	304.38	JP_2018_Hokkaido_03_E W	0.66 2	434.11	JP_2008_Iwate_02_NS	0.25 0	141.70	JP_2018_Osake_EW	0.35 5	169.67	JP_2016_Kumamoto_01_EW	0.34 8	223.12
	1 0	JP_2016_14APR_NS	1.03 5	248.17	US_1992_Big Bear_270	0.81 2	319.85	JP_2018_Hokkaido_07_E W	0.38 6	446.03	JP_2004_27OCT_03_NS	0.45 3	152.56	US_1989_Loma Prieta_04_0	0.38 5	178.22	JP_2016_Kumamoto_05_EW	0.72 3	294.66
	1 1	US_1994_Northridge_03_ 90	0.48 7	248.21	JP_2004_Chuettsu_06_NS	0.44 4	321.14	TW_1999_ChiChi_01_90	0.64 8	512.09	JP_2004_Chuettsu_04_E W	0.31 0	159.11	US_1994_Northridge_03_90	0.34 0	179.28	JP_2018_Hokkaido_02_EW	0.48 3	230.26
	1 2	JP_2011_15MAR_EW	0.29 1	258.01	JP_2018_Osake_NS	1.06 7	346.41	TW_1999_ChiChi_08_360	1.44 5	590.25	JP_2016_14APR_NS	0.71 5	166.33	JP_2011_Fukushima_04_EW	0.57 3	188.51	TW_1999_ChiChi_04_90	0.57 3	317.27
	1 3	JP_2018_Osake_EW	0.53 7	267.71	US_1989_Loma Prieta_01_0	0.70 7	354.08	TW_1999_ChiChi_10_90	0.81 9	662.13	JP_2018_Osake_EW	0.35 5	169.67	US_1989_Loma Prieta_01_0	0.40 8	189.43	TW_1999_ChiChi_06_360	0.37 0	313.76
	1 4	JP_2011_12APR_EW	0.93 8	273.33	JP_2016_Kumamoto_04_ NS	0.81 5	360.44	US_1989_Loma Prieta_02_0	1.11 8	388.78	JP_2018_Osake_NS	0.61 8	173.12	PE_2012_14MAY_EW	1.69 7	190.50	TW_1999_ChiChi_08_360	0.59 5	231.28
	1 5	US_1989_Loma Prieta_04_0	0.61 0	299.69	US_1989_Loma Prieta_02_0	1.11 8	388.78	US_1989_Loma Prieta_02_90	0.83 9	389.29	US_1989_Loma Prieta_04_0	0.38 5	178.22	JP_2000_Tottori_02_NS	0.32 5	191.85	US_1987_WhittierNarrows_01_ 270	0.63 3	275.59
	1 6	JP_2004_Chuettsu_04_E W	0.49 8	304.38	US_1989_Loma Prieta_02_90	0.83 9	389.29	US_1989_Loma Prieta_04_0	0.61 0	299.69	US_1994_Northridge_03_ 90	0.34 0	179.28	JP_2011_15MAR_EW	0.25 0	192.44	US_1989_Loma Prieta_04_90	0.34 8	330.12
	1 7	US_1992_Big Bear_270	0.81 2	319.85	JP_2018_Hokkaido_03_E W	0.66 2	434.11	US_1989_Loma Prieta_05_285	1.50 8	729.96	JP_2011_Fukushima_04_ EW	0.57 3	188.51	JP_2004_Chuettsu_06_NS	0.27 3	192.49	US_1989_Loma Prieta_05_285	0.50 5	296.02
	1 8	JP_2004_Chuettsu_06_N S	0.44 4	321.14	JP_2004_27OCT_02_NS	2.62 0	444.65	US_1989_Loma Prieta_06_90	1.70 0	578.88	US_1989_Loma Prieta_01_0	0.40 8	189.43	US_1992_Big Bear_270	0.49 8	196.09	US_1989_Loma Prieta_06_0	0.55 0	293.29
	1 9	PE_2012_14MAY_EW	2.82 0	322.85	JP_2018_Hokkaido_07_E W	0.38 6	446.03	US_1994_Northridge_02_9 0	1.52 4	588.78	PE_2012_14MAY_EW	1.69 7	190.50	US_1989_Loma Prieta_02_0	0.61 0	196.16	US_1989_Loma Prieta_06_90	0.70 0	257.61
	2 0	JP_2018_Osake_NS	1.06 7	346.41	JP_2018_Hokkaido_02_E W	0.96 9	446.93	US_1994_Northridge_03_3 60	0.63 7	581.51	JP_2000_Tottori_02_NS	0.32 5	191.85	JP_2018_Hokkaido_03_EW	0.34 0	196.23	US_1994_Northridge_03_360	0.25 8	289.74

REGISTROS SELECCIONADOS CASO Ymr-I T=0.32s - TSepu-tr-475																			
Caso:		TSepu-tr-475_NSp_Sbs			TSepu-tr-475_NSp_Sci			TSepu-tr-475_NSp_Ssr			TSepu-tr-475_NSr_Sbs			TSepu-tr-475_NSr_Sci			TSepu-tr-475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	TW_1999_ChiChi_10_90	0.50 5	81.79	TW_1999_ChiChi_10_90	0.50 5	81.79	CH_2012_GO05_EW	1.99 4	133.30	JP_2004_Chuettsu_05_EW	0.46 0	61.84	JP_2004_Chuettsu_07_EW	0.64 8	62.66	CH_2012_GO05_NS	2.81 8	137.84
	2	US_1994_Northridge_01_9 0	1.30 8	83.00	US_1994_Northridge_01_9 0	1.30 8	83.00	JP_1997_Kagoshima_NS	0.99 6	168.37	JP_2004_Chuettsu_07_EW	0.64 8	62.66	US_1994_Northridge_01_9 0	1.36 4	80.21	JP_1997_Kagoshima_NS	0.91 8	159.40
	3	CH_2014_Iquique_02_EW	2.69 7	87.15	CH_2014_Iquique_02_EW	2.69 7	87.15	JP_2004_14DEC_NS	0.64 4	148.26	US_1994_Northridge_01_9 0	1.36 4	80.21	TW_1999_ChiChi_10_90	0.49 0	80.56	JP_2000_Tottori_02_EW	0.47 5	193.68
	4	TW_1999_ChiChi_08_90	0.58 1	94.33	TW_1999_ChiChi_08_90	0.58 1	94.33	JP_2004_27OCT_02_NS	1.61 6	148.78	TW_1999_ChiChi_10_90	0.49 0	80.56	US_1989_Loma Prieta_06_0	0.96 3	81.57	JP_2004_Chuettsu_01_NS	0.28 8	209.10

	5	JP_2009_Shizuoca_02_EW	0.96 8	95.45	JP_2009_Shizuoca_02_EW	0.96 8	95.45	JP_2004_29NOV_01_NS	1.35 1	139.83	US_1989_Loma Prieta_06_0	0.96 3	81.57	JP_2004_Chuetstu_07_NS	0.80 5	84.02	JP_2009_Shizuoca_03_EW	1.09 1	131.73
	6	US_1994_Northridge_02_9 0	0.94 0	96.84	US_1994_Northridge_02_9 0	0.94 0	96.84	JP_2004_Chuetstu_06_EW	0.43 9	103.92	JP_2004_Chuetstu_07_NS	0.80 5	84.02	CH_2014_Iquique_02_EW	2.63 6	85.46	JP_2016_Kumamoto_06_EW	0.73 8	117.14
	7	JP_2016_Kumamoto_05_E W	1.28 0	99.05	JP_2004_Chuetstu_07_NS	0.72 0	99.62	JP_2011_12APR_EW	0.57 9	226.86	CH_2014_Iquique_02_EW	2.63 6	85.46	TW_1999_ChiChi_08_90	0.61 8	90.74	JP_2018_Hokkaido_02_EW	0.67 0	114.03
	8	JP_2004_Chuetstu_07_NS	0.72 0	99.62	TW_1999_ChiChi_08_360	0.89 1	100.33	JP_2011_15MAR_NS	0.48 7	117.98	TW_1999_ChiChi_08_90	0.61 8	90.74	JP_2009_Shizuoca_02_EW	0.97 0	95.50	JP_2018_Hokkaido_07_EW	0.27 3	188.48
	9	TW_1999_ChiChi_08_360	0.89 1	100.33	US_1989_Loma Prieta_06_0	1.07 9	102.78	JP_2011_Fukushima_06_N S	0.95 7	151.12	JP_2009_Shizuoca_02_EW	0.97 0	95.50	US_1994_Northridge_02_9 0	0.94 0	96.84	PE_2012_14MAY_NS	4.00 0	170.96
	10	US_1989_Loma Prieta_06_0	1.07 9	102.78	JP_2004_Chuetstu_05_NS	0.34 5	103.17	JP_2016_Kumamoto_05_E W	1.28 0	99.05	US_1994_Northridge_02_9 0	0.94 0	96.84	JP_2004_14DEC_EW	0.37 8	98.37	TW_1999_ChiChi_01_90	0.40 0	127.41
	11	JP_2004_Chuetstu_05_NS	0.34 5	103.17	JP_2004_Chuetstu_06_EW	0.43 9	103.92	JP_2018_Hokkaido_02_E W	0.59 7	130.57	JP_2004_14DEC_EW	0.37 8	98.37	JP_2016_Kumamoto_05_E W	1.27 3	98.94	TW_1999_ChiChi_06_360	0.73 0	156.05
	12	JP_2004_Chuetstu_06_EW	0.43 9	103.92	US_1989_Loma Prieta_05_195	2.22 1	105.34	JP_2018_Hokkaido_03_E W	0.40 8	182.33	JP_2016_Kumamoto_05_E W	1.27 3	98.94	TW_1999_ChiChi_08_360	0.88 8	100.35	TW_1999_ChiChi_06_90	0.54 3	191.91
	13	US_1989_Loma Prieta_05_195	2.22 1	105.34	JP_2016_Kumamoto_06_N S	0.69 5	109.13	JP_2018_Osake_NS	0.65 8	172.30	JP_2004_Chuetstu_05_NS	0.36 3	100.18	US_1989_Loma Prieta_05_195	2.06 1	102.07	TW_1999_ChiChi_08_90	0.61 8	90.74
	14	US_1989_Loma Prieta_06_90	1.04 8	107.46	JP_2004_Chuetstu_05_EW	0.38 4	109.55	PE_2012_14MAY_NS	3.25 8	195.41	TW_1999_ChiChi_08_360	0.88 8	100.35	US_1989_Loma Prieta_03_90	0.94 0	103.38	TW_1999_ChiChi_10_90	0.49 0	80.56
	15	JP_2016_Kumamoto_06_N S	0.69 5	109.13	JP_2004_Chuetstu_07_EW	0.77 5	111.63	TW_1999_ChiChi_01_90	0.40 0	127.41	US_1989_Loma Prieta_05_195	2.06 1	102.07	US_1989_Loma Prieta_06_90	1.18 2	103.73	US_1989_Loma Prieta_03_90	0.94 0	103.38
	16	JP_2004_Chuetstu_05_EW	0.38 4	109.55	JP_2004_14DEC_EW	0.42 3	113.22	TW_1999_ChiChi_08_360	0.89 1	100.33	US_1989_Loma Prieta_03_90	0.94 0	103.38	JP_2004_Chuetstu_06_EW	0.44 5	104.05	US_1989_Loma Prieta_04_0	0.52 0	132.70
	17	JP_2004_Chuetstu_07_EW	0.77 5	111.63	US_1992_Petrolia_02_270	0.90 4	114.31	TW_1999_ChiChi_10_90	0.50 5	81.79	US_1989_Loma Prieta_06_90	1.18 2	103.73	TW_1999_ChiChi_10_360	0.71 5	106.79	US_1989_Loma Prieta_05_195	2.06 1	102.07
	18	JP_2004_14DEC_EW	0.42 3	113.22	JP_2016_Kumamoto_06_E W	0.74 0	117.24	US_1989_Loma Prieta_02_90	0.51 8	214.57	JP_2004_Chuetstu_06_EW	0.44 5	104.05	JP_1997_Kagoshima_EW	0.70 0	108.02	US_1989_Loma Prieta_05_285	0.85 8	135.44
	19	US_1992_Petrolia_02_270	0.90 4	114.31	JP_2000_Tottori_01_EW	0.65 1	117.24	US_1989_Loma Prieta_05_285	0.93 0	140.76	TW_1999_ChiChi_10_360	0.71 5	106.79	US_1994_Northridge_02_3 60	1.06 1	108.19	US_1992_Big Bear_270	0.74 5	196.25
	20	JP_2016_Kumamoto_06_E W	0.74 0	117.24	TW_1999_ChiChi_10_360	0.81 4	117.76	US_1989_Loma Prieta_06_90	1.04 8	107.46	JP_1997_Kagoshima_EW	0.70 0	108.02	JP_2011_15MAR_NS	0.54 3	113.87	US_1992_Petrolia_Aftershock_0 1_90	0.94 0	145.33
MAP E	1	CH_2014_Iquique_02_EW	2.69 7	14.68	CH_2014_Iquique_02_EW	2.69 7	14.68	CH_2012_GO05_EW	1.99 4	26.50	JP_2004_Chuetstu_07_EW	0.68 5	14.14	JP_2004_Chuetstu_07_EW	0.68 5	14.14	JP_1997_Kagoshima_NS	0.91 8	29.36
	2	US_1994_Northridge_01_9 0	1.30 8	17.40	US_1994_Northridge_01_9 0	1.30 8	17.40	JP_1997_Kagoshima_NS	0.99 6	30.64	CH_2014_Iquique_02_EW	2.69 7	14.68	CH_2014_Iquique_02_EW	2.69 7	14.68	JP_2000_Tottori_01_EW	0.67 8	27.74
	3	TW_1999_ChiChi_10_90	0.50 5	17.53	TW_1999_ChiChi_10_90	0.50 5	17.53	JP_2004_14DEC_NS	0.64 4	33.12	US_1989_Loma Prieta_06_0	0.85 8	16.07	US_1989_Loma Prieta_06_0	0.85 8	16.07	JP_2004_Chuetstu_01_NS	0.26 5	39.07
	4	JP_2009_Shizuoca_02_EW	0.96 8	19.26	JP_2009_Shizuoca_02_EW	0.96 8	19.26	JP_2004_27OCT_02_NS	1.61 6	33.03	US_1994_Northridge_01_9 0	1.39 4	16.47	US_1994_Northridge_01_9 0	1.39 4	16.47	JP_2009_Shizuoca_03_EW	1.12 1	30.64
	5	US_1994_Northridge_02_9 0	0.94 0	19.70	US_1994_Northridge_02_9 0	0.94 0	19.70	JP_2004_29NOV_01_NS	1.35 1	33.30	JP_2004_Chuetstu_07_NS	0.86 5	16.59	JP_2004_Chuetstu_07_NS	0.86 5	16.59	JP_2011_15MAR_NS	0.57 3	25.54
	6	JP_2016_Kumamoto_05_E W	1.28 0	20.04	TW_1999_ChiChi_08_90	0.58 1	20.07	JP_2004_Chuetstu_06_EW	0.43 9	21.52	TW_1999_ChiChi_10_90	0.50 5	17.53	TW_1999_ChiChi_10_90	0.50 5	17.53	JP_2011_Fukushima_06_NS	1.00 0	34.21
	7	TW_1999_ChiChi_08_90	0.58 1	20.07	JP_2004_Chuetstu_07_EW	0.77 5	20.38	JP_2011_12APR_EW	0.57 9	50.07	TW_1999_ChiChi_08_90	0.64 8	18.41	TW_1999_ChiChi_08_90	0.64 8	18.41	JP_2016_Kumamoto_06_EW	0.73 8	24.69
	8	JP_2004_Chuetstu_07_EW	0.77 5	20.38	JP_2004_Chuetstu_07_NS	0.72 0	21.04	JP_2011_15MAR_NS	0.48 7	28.08	JP_2009_Shizuoca_02_EW	0.97 0	19.26	JP_2009_Shizuoca_02_EW	0.97 0	19.26	JP_2018_Hokkaido_02_EW	0.67 0	22.56
	9	JP_2004_Chuetstu_07_NS	0.72 0	21.04	TW_1999_ChiChi_08_360	0.89 1	21.46	JP_2011_Fukushima_06_N S	0.95 7	34.55	JP_2016_Kumamoto_05_E W	1.21 2	19.43	JP_2016_Kumamoto_05_E W	1.21 2	19.43	JP_2018_Hokkaido_04_NS	0.37 8	33.94
	10	TW_1999_ChiChi_08_360	0.89 1	21.46	JP_2004_Chuetstu_06_EW	0.43 9	21.52	JP_2016_Kumamoto_05_E W	1.28 0	20.04	US_1994_Northridge_02_3 60	1.06 1	19.44	US_1994_Northridge_02_3 60	1.06 1	19.44	PE_2012_14MAY_NS	4.00 0	35.17
	11	JP_2004_Chuetstu_06_EW	0.43 9	21.52	TW_1999_ChiChi_01_90	0.40 0	22.35	JP_2018_Hokkaido_02_E W	0.59 7	25.03	US_1994_Northridge_02_9 0	0.92 5	19.66	US_1994_Northridge_02_9 0	0.92 5	19.66	TW_1999_ChiChi_01_90	0.40 0	22.35
	12	US_1989_Loma Prieta_06_90	1.04 8	21.76	JP_2016_Kumamoto_03_E W	0.69 4	22.69	JP_2018_Hokkaido_03_E W	0.40 8	38.63	US_1989_Loma Prieta_03_90	0.89 5	20.78	US_1989_Loma Prieta_03_90	0.89 5	20.78	TW_1999_ChiChi_10_90	0.50 5	17.53
	13	TW_1999_ChiChi_01_90	0.40 0	22.35	US_1992_Petrolia_02_270	0.90 4	23.08	JP_2018_Osake_NS	0.65 8	39.63	TW_1999_ChiChi_08_360	0.95 5	21.32	TW_1999_ChiChi_08_360	0.95 5	21.32	US_1989_Loma Prieta_02_0	0.85 8	35.49
	14	JP_2016_Kumamoto_03_E W	0.69 4	22.69	TW_1999_ChiChi_10_360	0.81 4	23.99	PE_2012_14MAY_NS	3.25 8	40.74	US_1989_Loma Prieta_06_90	1.15 2	21.37	US_1989_Loma Prieta_06_90	1.15 2	21.37	US_1989_Loma Prieta_03_90	0.89 5	20.78
	15	US_1992_Petrolia_02_270	0.90 4	23.08	US_1989_Loma Prieta_05_195	2.22 1	24.33	TW_1999_ChiChi_01_90	0.40 0	22.35	US_1989_Loma Prieta_05_195	1.97 0	21.51	US_1989_Loma Prieta_05_195	1.97 0	21.51	US_1989_Loma Prieta_04_0	0.55 8	25.93
	16	TW_1999_ChiChi_10_360	0.81 4	23.99	US_1989_Loma Prieta_06_0	1.07 9	24.62	TW_1999_ChiChi_08_360	0.89 1	21.46	JP_2004_Chuetstu_06_EW	0.43 8	21.52	JP_2004_Chuetstu_06_EW	0.43 8	21.52	US_1989_Loma Prieta_05_195	1.97 0	21.51
	17	US_1994_Northridge_02_3 60	0.88 0	24.14	JP_2016_Kumamoto_06_E W	0.74 0	24.71	TW_1999_ChiChi_10_90	0.50 5	17.53	TW_1999_ChiChi_10_360	0.71 5	21.85	TW_1999_ChiChi_10_360	0.71 5	21.85	US_1989_Loma Prieta_05_285	0.85 8	23.94
	18	US_1989_Loma Prieta_05_195	2.22 1	24.33	JP_2018_Hokkaido_02_E W	0.59 7	25.03	US_1989_Loma Prieta_02_90	0.51 8	45.11	TW_1999_ChiChi_01_90	0.40 0	22.35	TW_1999_ChiChi_01_90	0.40 0	22.35	US_1992_Big Bear_270	0.84 3	40.89
	19	US_1989_Loma Prieta_06_0	1.07 9	24.62	JP_2004_14DEC_EW	0.42 3	25.16	US_1989_Loma Prieta_05_285	0.93 0	25.99	JP_2016_Kumamoto_03_E W	0.67 8	22.44	JP_2016_Kumamoto_03_E W	0.67 8	22.44	US_1992_Petrolia_Aftershock_0 1_90	0.93 3	25.68
	20	JP_2016_Kumamoto_06_E W	0.74 0	24.71	JP_2016_Kumamoto_01_E W	0.44 9	25.31	US_1989_Loma Prieta_06_90	1.04 8	21.76	JP_2018_Hokkaido_02_E W	0.67 0	22.56	JP_2018_Hokkaido_02_E W	0.67 0	22.56	US_1994_Northridge_03_360	0.37 0	34.38
MSE	1	TW_1999_ChiChi_10_90	0.50 5	10970.6 1	TW_1999_ChiChi_10_90	0.50 5	10970.6 1	CH_2012_GO05_EW	1.99 4	26783.1 2	JP_2004_Chuetstu_05_EW	0.46 0	7298.77	JP_2004_Chuetstu_07_EW	0.63 3	7889.09	CH_2012_GO05_NS	3.03 0	24342.1 3
	2	US_1994_Northridge_01_9 0	1.30 8	11619.9 8	US_1994_Northridge_01_9 0	1.30 8	11619.9 8	JP_1997_Kagoshima_NS	0.99 6	54125.7 5	JP_2004_Chuetstu_07_EW	0.63 3	7889.09	TW_1999_ChiChi_10_90	0.47 5	9488.49	JP_1997_Kagoshima_NS	0.86 5	47537.2 7
	3	TW_1999_ChiChi_08_90	0.58 1	13198.5 5	TW_1999_ChiChi_08_90	0.58 1	13198.5 5	JP_2004_14DEC_NS	0.64 4	37415.7 6	TW_1999_ChiChi_10_90	0.47 5	9488.49	JP_2004_Chuetstu_07_NS	0.79 8	10220.8 0	JP_2000_Tottori_01_EW	0.63 3	18831.4 5

	4	JP_2004_Chuetstu_07_NS	0.72 0	13283.6 3	JP_2004_Chuetstu_07_NS	0.72 0	13283.6 3	JP_2004_27OCT_02_NS	1.61 6	32422.6 5	JP_2004_Chuetstu_07_NS	0.79 8	10220.8 0	US_1994_Northridge_01_9 0	1.33 3	11454.3 1	JP_2000_Tottori_02_EW	0.50 5	56838.4 4
	5	TW_1999_ChiChi_08_360	0.89 1	13882.6 8	TW_1999_ChiChi_08_360	0.89 1	13882.6 8	JP_2004_29NOV_01_NS	1.35 1	35025.7 4	US_1989_Loma Prieta 06 0	0.94 8	10703.9 5	CH_2014_Iquique_02_EW	2.42 4	12179.7 8	JP_2004_Chuetstu_01_NS	0.25 0	68189.1 6
	6	US_1994_Northridge_02_9 0	0.94 0	14754.7 6	US_1994_Northridge_02_9 0	0.94 0	14754.7 6	JP_2004_Chuetstu_06_EW	0.43 9	16228.2 0	US_1994_Northridge_01_9 0	1.33 3	11454.3 1	TW_1999_ChiChi_08_90	0.60 3	12652.6 5	JP_2009_Shizuoca_03_EW	1.06 1	21475.2 3
	7	JP_2004_Chuetstu_05_EW	0.38 4	15859.9 4	JP_2004_Chuetstu_05_EW	0.38 4	15859.9 4	JP_2011_12APR_EW	0.57 9	64505.2 3	CH_2014_Iquique_02_EW	2.42 4	12179.7 8	JP_2004_14DEC_EW	0.37 8	13488.2 3	JP_2016_Kumamoto_06_EW	0.74 5	23935.7 3
	8	JP_2016_Kumamoto_05_E W	1.28 0	16227.0 0	JP_2004_Chuetstu_06_EW	0.43 9	16228.2 0	JP_2011_15MAR_NS	0.48 7	19732.2 1	TW_1999_ChiChi_08_90	0.60 3	12652.6 5	TW_1999_ChiChi_08_360	0.89 5	13883.1 2	JP_2018_Hokkaido_02_EW	0.71 5	18900.1 5
	9	JP_2004_Chuetstu_06_EW	0.43 9	16228.2 0	JP_2004_Chuetstu_05_NS	0.34 5	16348.3 3	JP_2011_Fukushima_06_N S	0.95 7	34493.3 8	JP_2004_14DEC_EW	0.37 8	13488.2 3	JP_1997_Kagoshima_EW	0.70 0	14103.0 1	PE_2012_14MAY_NS	4.00 0	40717.1 8
	10	JP_2004_Chuetstu_05_NS	0.34 5	16348.3 3	CH_2014_Iquique_02_EW	2.69 7	16372.5 2	JP_2016_Kumamoto_05_E W	1.28 0	16227.0 0	TW_1999_ChiChi_08_360	0.89 5	13883.1 2	US_1994_Northridge_02_9 0	0.97 0	14412.4 5	TW_1999_ChiChi_01_90	0.43 0	31830.2 4
	11	CH_2014_Iquique_02_EW	2.69 7	16372.5 2	US_1989_Loma Prieta 06 0	1.07 9	17161.9 9	JP_2018_Hokkaido_02_E W	0.59 7	27913.3 8	JP_1997_Kagoshima_EW	0.70 0	14103.0 1	JP_2016_Kumamoto_05_E W	1.21 2	15656.6 9	TW_1999_ChiChi_06_360	0.64 0	34999.7 8
	12	US_1989_Loma Prieta 06 90	1.04 8	16856.4 8	JP_2004_14DEC_EW	0.42 3	18087.9 8	JP_2018_Hokkaido_03_E S	0.40 8	44166.9 6	US_1994_Northridge_02_9 0	0.97 0	14412.4 5	JP_2004_Chuetstu_06_EW	0.43 8	16209.9 0	TW_1999_ChiChi_08_90	0.60 3	12652.6 5
	13	US_1989_Loma Prieta 06 0	1.07 9	17161.9 9	JP_2009_Shizuoca_02_EW	0.96 8	18697.5 1	JP_2018_Osake_NS	0.65 8	38664.8 0	JP_2004_Chuetstu_05_NS	0.37 0	15029.9 4	US_1989_Loma Prieta 06 90	1.09 1	16245.9 9	TW_1999_ChiChi_10_90	0.47 5	9488.49
	14	JP_2004_14DEC_EW	0.42 3	18087.9 8	US_1992_Petrolia_02_270	0.90 4	18888.6 7	PE_2012_14MAY_NS	3.25 8	53896.2 2	JP_2016_Kumamoto_05_E W	1.21 2	15656.6 9	US_1989_Loma Prieta 05 195	2.00 0	16893.4 6	US_1989_Loma Prieta_02_90	0.61 8	46850.7 5
	15	JP_2009_Shizuoca_02_EW	0.96 8	18697.5 1	JP_2000_Tottori_01_EW	0.65 1	19200.2 8	TW_1999_ChiChi_01_90	0.40 0	33487.0 7	JP_2004_Chuetstu_06_EW	0.43 8	16209.9 0	US_1989_Loma Prieta 03 90	0.88 0	17406.2 3	US_1989_Loma Prieta_03_90	0.88 0	17406.2 3
	16	US_1992_Petrolia_02_270	0.90 4	18888.6 7	JP_2011_15MAR_NS	0.48 7	19732.2 1	TW_1999_ChiChi_08_360	0.89 1	13882.6 8	US_1989_Loma Prieta 06 90	1.09 1	16245.9 9	JP_2011_15MAR_NS	0.52 8	18037.3 8	US_1989_Loma Prieta_05_195	2.00 0	16893.4 6
	17	JP_2000_Tottori_01_EW	0.65 1	19200.2 8	US_1989_Loma Prieta 05 195	2.22 1	20869.7 9	TW_1999_ChiChi_10_90	0.50 5	10970.6 1	US_1989_Loma Prieta 05 195	2.00 0	16893.4 6	JP_2016_Kumamoto_01_E W	0.51 3	18380.0 6	US_1989_Loma Prieta_05_285	0.82 8	36818.9 5
	18	JP_2011_15MAR_NS	0.48 7	19732.2 1	TW_1999_ChiChi_10_360	0.81 4	21081.5 5	US_1989_Loma Prieta 02 90	0.51 8	54517.8 9	US_1989_Loma Prieta 03 90	0.88 0	17406.2 3	JP_2009_Shizuoca_02_EW	0.94 8	18581.1 5	US_1992_Big Bear_270	0.67 0	48169.0 4
	19	US_1989_Loma Prieta 05 195	2.22 1	20869.7 9	JP_2000_Tottori_05_NS	0.53 1	21251.4 1	US_1989_Loma Prieta 05 285	0.93 0	41239.4 2	JP_2011_15MAR_NS	0.52 8	18037.3 8	JP_2000_Tottori_01_EW	0.63 3	18831.4 5	US_1992_Petrolia_Aftershock_0 1 90	0.89 5	35717.4 4
	20	TW_1999_ChiChi_10_360	0.81 4	21081.5 5	JP_2016_Kumamoto_01_E W	0.44 9	23873.6 4	US_1989_Loma Prieta 06 90	1.04 8	16856.4 8	JP_2016_Kumamoto_01_E W	0.51 3	18380.0 6	US_1992_Petrolia_02_270	0.90 3	18892.8 9	US_1994_Northridge_03_360	0.40 8	47263.8 9
RMS E	1	TW_1999_ChiChi_10_90	0.50 5	104.74	TW_1999_ChiChi_10_90	0.50 5	104.74	CH_2012_GO05_EW	1.99 4	163.66	JP_2004_Chuetstu_05_EW	0.46 0	85.43	JP_2004_Chuetstu_07_EW	0.63 3	88.82	CH_2012_GO05_NS	3.03 0	156.02
	2	US_1994_Northridge_01_9 0	1.30 8	107.80	US_1994_Northridge_01_9 0	1.30 8	107.80	JP_1997_Kagoshima_NS	0.99 6	232.65	JP_2004_Chuetstu_07_EW	0.63 3	88.82	TW_1999_ChiChi_10_90	0.47 5	97.41	JP_1997_Kagoshima_NS	0.86 5	218.03
	3	TW_1999_ChiChi_08_90	0.58 1	114.88	TW_1999_ChiChi_08_90	0.58 1	114.88	JP_2004_14DEC_NS	0.64 4	193.43	TW_1999_ChiChi_10_90	0.47 5	97.41	JP_2004_Chuetstu_07_NS	0.79 8	101.10	JP_2000_Tottori_01_EW	0.63 3	137.23
	4	JP_2004_Chuetstu_07_NS	0.72 0	115.25	JP_2004_Chuetstu_07_NS	0.72 0	115.25	JP_2004_27OCT_02_NS	1.61 6	180.06	JP_2004_Chuetstu_07_NS	0.79 8	101.10	US_1994_Northridge_01_9 0	1.33 3	107.02	JP_2000_Tottori_02_EW	0.50 5	238.41
	5	TW_1999_ChiChi_08_360	0.89 1	117.82	TW_1999_ChiChi_08_360	0.89 1	117.82	JP_2004_29NOV_01_NS	1.35 1	187.15	US_1989_Loma Prieta 06 0	0.94 8	103.46	CH_2014_Iquique_02_EW	2.42 4	110.36	JP_2004_Chuetstu_01_NS	0.25 0	261.13
	6	US_1994_Northridge_02_9 0	0.94 0	121.47	US_1994_Northridge_02_9 0	0.94 0	121.47	JP_2004_Chuetstu_06_EW	0.43 9	127.39	US_1994_Northridge_01_9 0	1.33 3	107.02	TW_1999_ChiChi_08_90	0.60 3	112.48	JP_2009_Shizuoca_03_EW	1.06 1	146.54
	7	JP_2004_Chuetstu_05_EW	0.38 4	125.94	JP_2004_Chuetstu_05_EW	0.38 4	125.94	JP_2011_12APR_EW	0.57 9	253.98	CH_2014_Iquique_02_EW	2.42 4	110.36	JP_2004_14DEC_EW	0.37 8	116.14	JP_2016_Kumamoto_06_EW	0.74 5	154.71
	8	JP_2016_Kumamoto_05_E W	1.28 0	127.39	JP_2004_Chuetstu_06_EW	0.43 9	127.39	JP_2011_15MAR_NS	0.48 7	140.47	TW_1999_ChiChi_08_90	0.60 3	112.48	TW_1999_ChiChi_08_360	0.89 5	117.83	JP_2018_Hokkaido_02_EW	0.71 5	137.48
	9	JP_2004_Chuetstu_06_EW	0.43 9	127.39	JP_2004_Chuetstu_05_NS	0.34 5	127.86	JP_2011_Fukushima_06_N S	0.95 7	185.72	JP_2004_14DEC_EW	0.37 8	116.14	JP_1997_Kagoshima_EW	0.70 0	118.76	PE_2012_14MAY_NS	4.00 0	201.78
	10	JP_2004_Chuetstu_05_NS	0.34 5	127.86	CH_2014_Iquique_02_EW	2.69 7	127.96	JP_2016_Kumamoto_05_E W	1.28 0	127.39	TW_1999_ChiChi_08_360	0.89 5	117.83	US_1994_Northridge_02_9 0	0.97 0	120.05	TW_1999_ChiChi_01_90	0.43 0	178.41
	11	CH_2014_Iquique_02_EW	2.69 7	127.96	US_1989_Loma Prieta 06 0	1.07 9	131.00	JP_2018_Hokkaido_02_E W	0.59 7	167.07	JP_1997_Kagoshima_EW	0.70 0	118.76	JP_2016_Kumamoto_05_E W	1.21 2	125.13	TW_1999_ChiChi_06_360	0.64 0	187.08
	12	US_1989_Loma Prieta 06 90	1.04 8	129.83	JP_2004_14DEC_EW	0.42 3	134.49	JP_2018_Hokkaido_03_E W	0.40 8	210.16	US_1994_Northridge_02_9 0	0.97 0	120.05	JP_2004_Chuetstu_06_EW	0.43 8	127.32	TW_1999_ChiChi_08_90	0.60 3	112.48
	13	US_1989_Loma Prieta 06 0	1.07 9	131.00	JP_2009_Shizuoca_02_EW	0.96 8	136.74	JP_2018_Osake_NS	0.65 8	196.63	JP_2004_Chuetstu_05_NS	0.37 0	122.60	US_1989_Loma Prieta 06 90	1.09 1	127.46	TW_1999_ChiChi_10_90	0.47 5	97.41
	14	JP_2004_14DEC_EW	0.42 3	134.49	US_1992_Petrolia_02_270	0.90 4	137.44	PE_2012_14MAY_NS	3.25 8	232.16	JP_2016_Kumamoto_05_E W	1.21 2	125.13	US_1989_Loma Prieta 05 195	2.00 0	129.97	US_1989_Loma Prieta_02_90	0.61 8	216.45
	15	JP_2009_Shizuoca_02_EW	0.96 8	136.74	JP_2000_Tottori_01_EW	0.65 1	138.57	TW_1999_ChiChi_01_90	0.40 0	182.99	JP_2004_Chuetstu_06_EW	0.43 8	127.32	US_1989_Loma Prieta 03 90	0.88 0	131.93	US_1989_Loma Prieta_03_90	0.88 0	131.93
	16	US_1992_Petrolia_02_270	0.90 4	137.44	JP_2011_15MAR_NS	0.48 7	140.47	TW_1999_ChiChi_08_360	0.89 1	117.82	US_1989_Loma Prieta 06 90	1.09 1	127.46	JP_2011_15MAR_NS	0.52 8	134.30	US_1989_Loma Prieta_05_195	2.00 0	129.97
	17	JP_2000_Tottori_01_EW	0.65 1	138.57	US_1989_Loma Prieta 05 195	2.22 1	144.46	TW_1999_ChiChi_10_90	0.50 5	104.74	US_1989_Loma Prieta 05 195	2.00 0	129.97	JP_2016_Kumamoto_01_E W	0.51 3	135.57	US_1989_Loma Prieta_05_285	0.82 8	191.88
	18	JP_2011_15MAR_NS	0.48 7	140.47	TW_1999_ChiChi_10_360	0.81 4	145.19	US_1989_Loma Prieta 02 90	0.51 8	233.49	US_1989_Loma Prieta 03 90	0.88 0	131.93	JP_2009_Shizuoca_02_EW	0.94 8	136.31	US_1992_Big Bear_270	0.67 0	219.47
	19	US_1989_Loma Prieta 05 195	2.22 1	144.46	JP_2000_Tottori_05_NS	0.53 1	145.78	US_1989_Loma Prieta 05 285	0.93 0	203.07	JP_2011_15MAR_NS	0.52 8	134.30	JP_2000_Tottori_01_EW	0.63 3	137.23	US_1992_Petrolia_Aftershock_0 1 90	0.89 5	188.99
	20	TW_1999_ChiChi_10_360	0.81 4	145.19	JP_2016_Kumamoto_01_E W	0.44 9	154.51	US_1989_Loma Prieta 06 90	1.04 8	129.83	JP_2016_Kumamoto_01_E W	0.51 3	135.57	US_1992_Petrolia_02_270	0.90 3	137.45	US_1994_Northridge_03_360	0.40 8	217.40

REGISTROS SELECCIONADOS CASO Ymr-I T=0.32s - TSepu-tr-975																			
Caso:		TSepu-tr-975_NSp_Sbs			TSepu-tr-975_NSp_Sci			TSepu-tr-975_NSp_Ssr			TSepu-tr-975_NSr_Sbs			TSepu-tr-975_NSr_Sci			TSepu-tr-975_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	TW_1999_ChiChi_10_90	0.657	103.25	TW_1999_ChiChi_10_90	0.657	103.25	CH_2014_Iquique_02_EW	3.507	113.53	JP_2004_Chuetsu_07_EW	0.828	74.56	JP_2004_Chuetsu_07_EW	0.828	74.56	JP_2000_Tottori_01_EW	0.828	148.29
	2	US_1994_Northridge_01_90	1.701	104.30	US_1994_Northridge_01_90	1.701	104.30	JP_2000_Tottori_01_EW	0.847	148.84	JP_2004_Chuetsu_05_EW	0.580	80.84	JP_2004_Chuetsu_07_NS	1.030	94.15	JP_2000_Tottori_02_NS	0.543	235.27
	3	JP_2004_Chuetsu_07_NS	0.936	111.80	JP_2004_Chuetsu_07_NS	0.936	111.80	JP_2000_Tottori_05_NS	0.690	150.84	JP_2004_Chuetsu_07_NS	1.030	94.15	TW_1999_ChiChi_10_90	0.640	101.89	JP_2000_Tottori_05_EW	0.828	255.10
	4	TW_1999_ChiChi_08_90	0.756	113.04	TW_1999_ChiChi_08_90	0.756	113.04	JP_2004_14DEC_NS	0.837	183.79	TW_1999_ChiChi_10_90	0.640	101.89	US_1994_Northridge_01_90	1.697	104.38	JP_2007_16JUL_EW	1.030	205.77
	5	CH_2014_Iquique_02_EW	3.507	113.53	CH_2014_Iquique_02_EW	3.507	113.53	JP_2004_27OCT_02_NS	2.102	177.77	US_1994_Northridge_01_90	1.697	104.38	CH_2014_Iquique_02_EW	3.273	106.44	JP_2009_Shizuoca_02_NS	1.455	189.54
	6	TW_1999_ChiChi_08_360	1.159	119.77	TW_1999_ChiChi_08_360	1.159	119.77	JP_2004_Chuetsu_04_EW	0.399	263.24	CH_2014_Iquique_02_EW	3.273	106.44	TW_1999_ChiChi_08_90	0.775	110.56	JP_2009_Shizuoca_03_EW	1.364	157.50
	7	JP_2004_Chuetsu_05_EW	0.499	125.03	JP_2004_Chuetsu_05_EW	0.499	125.03	JP_2011_12APR_EW	0.753	275.50	TW_1999_ChiChi_08_90	0.775	110.56	US_1989_Loma Prieta_06_0	1.182	115.80	JP_2011_15MAR_NS	0.655	142.57
	8	JP_2009_Shizuoca_02_EW	1.259	125.15	JP_2009_Shizuoca_02_EW	1.259	125.15	JP_2011_Fukushima_06_EW	0.838	184.17	US_1989_Loma Prieta_06_0	1.182	115.80	TW_1999_ChiChi_08_360	1.121	119.30	JP_2016_Kumamoto_05_EW	1.576	131.10
	9	US_1994_Northridge_02_90	1.223	128.57	US_1994_Northridge_02_90	1.223	128.57	JP_2011_Fukushima_06_NS	1.245	183.14	TW_1999_ChiChi_08_360	1.121	119.30	JP_2004_14DEC_EW	0.483	121.08	JP_2016_Kumamoto_06_EW	0.955	150.96
	10	JP_2004_Chuetsu_06_EW	0.571	129.41	JP_2004_Chuetsu_06_EW	0.571	129.41	JP_2016_Kumamoto_01_EW	0.583	156.92	JP_2004_14DEC_EW	0.483	121.08	JP_2009_Shizuoca_02_EW	1.242	124.86	JP_2018_Hokkaido_04_NS	0.475	205.34
	11	JP_2004_Chuetsu_05_NS	0.449	129.84	JP_2004_Chuetsu_05_NS	0.449	129.84	JP_2016_Kumamoto_04_NS	0.654	249.22	JP_2009_Shizuoca_02_EW	1.242	124.86	US_1994_Northridge_02_90	1.212	128.84	PE_2012_14MAY_NS	4.000	254.09
	12	US_1989_Loma Prieta_06_90	1.364	131.64	JP_2016_Kumamoto_06_NS	0.904	136.54	JP_2016_Kumamoto_06_NS	0.904	136.54	US_1994_Northridge_02_90	1.212	128.84	JP_2004_Chuetsu_06_EW	0.573	129.53	TW_1999_ChiChi_01_90	0.520	160.27
	13	JP_2016_Kumamoto_05_EW	1.665	134.16	US_1989_Loma Prieta_05_195	2.888	142.68	JP_2018_Hokkaido_02_EW	0.777	160.74	JP_2004_Chuetsu_06_EW	0.573	129.53	US_1989_Loma Prieta_06_90	1.515	129.61	TW_1999_ChiChi_04_90	1.333	191.62
	14	JP_2016_Kumamoto_06_NS	0.904	136.54	JP_2011_15MAR_NS	0.634	144.27	JP_2018_Hokkaido_04_NS	0.575	223.43	US_1989_Loma Prieta_06_90	1.515	129.61	JP_2016_Kumamoto_05_EW	1.576	131.10	TW_1999_ChiChi_06_90	0.708	246.91
	15	US_1989_Loma Prieta_05_195	2.888	142.68	JP_2004_14DEC_EW	0.550	147.75	JP_2018_Hokkaido_07_EW	0.310	231.68	JP_2004_Chuetsu_05_NS	0.453	130.09	JP_1997_Kagoshima_EW	0.895	133.99	TW_1999_ChiChi_08_360	1.121	119.30
	16	JP_2011_15MAR_NS	0.634	144.27	JP_2000_Tottori_01_EW	0.847	148.84	TW_1999_ChiChi_01_90	0.520	160.27	JP_2016_Kumamoto_05_EW	1.576	131.10	US_1989_Loma Prieta_03_90	1.152	134.36	TW_1999_ChiChi_08_90	0.775	110.56
	17	JP_2004_14DEC_EW	0.550	147.75	US_1989_Loma Prieta_06_0	1.403	149.92	TW_1999_ChiChi_08_360	1.159	119.77	JP_1997_Kagoshima_EW	0.895	133.99	US_1989_Loma Prieta_05_195	2.697	135.78	US_1989_Loma Prieta_05_195	2.697	135.78
	18	JP_2000_Tottori_01_EW	0.847	148.84	JP_2000_Tottori_05_NS	0.690	150.84	US_1989_Loma Prieta_02_0	0.897	208.76	US_1989_Loma Prieta_03_90	1.152	134.36	US_1994_Northridge_02_360	1.303	140.17	US_1992_Petrolia_Aftershock_01_90	1.121	189.74
	19	US_1989_Loma Prieta_06_0	1.403	149.92	JP_2016_Kumamoto_06_EW	0.962	151.00	US_1989_Loma Prieta_02_90	0.673	259.12	US_1989_Loma Prieta_05_195	2.697	135.78	JP_2011_15MAR_NS	0.655	142.57	US_1994_Northridge_03_360	0.505	240.08
	20	JP_2000_Tottori_05_NS	0.690	150.84	US_1992_Petrolia_02_270	1.176	151.78	US_1989_Loma Prieta_06_90	1.364	131.64	JP_2016_Kumamoto_06_NS	0.895	136.47	JP_2000_Tottori_05_NS	0.640	142.97	US_1994_Northridge_03_90	0.573	178.88
MAP E	1	CH_2014_Iquique_02_EW	3.507	14.81	CH_2014_Iquique_02_EW	3.507	14.81	CH_2014_Iquique_02_EW	3.507	14.81	JP_2004_Chuetsu_07_EW	0.850	13.32	JP_2004_Chuetsu_07_EW	0.850	13.32	JP_2000_Tottori_01_EW	0.850	27.87
	2	US_1994_Northridge_01_90	1.701	16.86	US_1994_Northridge_01_90	1.701	16.86	JP_2000_Tottori_01_EW	0.847	27.85	CH_2014_Iquique_02_EW	3.394	14.28	CH_2014_Iquique_02_EW	3.394	14.28	JP_2000_Tottori_02_NS	0.565	42.70
	3	TW_1999_ChiChi_10_90	0.657	17.35	TW_1999_ChiChi_10_90	0.657	17.35	JP_2000_Tottori_05_NS	0.690	29.46	JP_2004_Chuetsu_07_NS	1.061	15.13	JP_2004_Chuetsu_07_NS	1.061	15.13	JP_2000_Tottori_05_EW	0.858	44.48
	4	TW_1999_ChiChi_08_90	0.756	18.90	TW_1999_ChiChi_08_90	0.756	18.90	JP_2004_14DEC_NS	0.837	32.09	US_1989_Loma Prieta_06_0	1.061	16.71	US_1989_Loma Prieta_06_0	1.061	16.71	JP_2004_Chuetsu_05_NS	0.445	28.75
	5	JP_2004_Chuetsu_07_NS	0.936	18.91	JP_2004_Chuetsu_07_NS	0.936	18.91	JP_2004_27OCT_02_NS	2.102	31.52	US_1994_Northridge_01_90	1.727	16.78	US_1994_Northridge_01_90	1.727	16.78	JP_2007_Noto_02_NS	0.993	27.70
	6	TW_1999_ChiChi_08_360	1.159	20.01	TW_1999_ChiChi_08_360	1.159	20.01	JP_2004_Chuetsu_04_EW	0.399	48.33	TW_1999_ChiChi_10_90	0.655	17.35	TW_1999_ChiChi_10_90	0.655	17.35	JP_2009_Shizuoca_03_EW	1.455	29.18
	7	JP_2009_Shizuoca_02_EW	1.259	20.01	JP_2009_Shizuoca_02_EW	1.259	20.01	JP_2011_12APR_EW	0.753	48.79	TW_1999_ChiChi_08_90	0.805	18.17	TW_1999_ChiChi_08_90	0.805	18.17	JP_2011_15MAR_NS	0.723	25.19
	8	US_1989_Loma Prieta_06_90	1.364	20.71	US_1994_Northridge_02_90	1.223	21.08	JP_2011_Fukushima_06_EW	0.838	37.81	US_1994_Northridge_02_360	1.303	19.46	US_1994_Northridge_02_360	1.303	19.46	JP_2016_Kumamoto_05_EW	1.515	19.62

	9	US_1994_Northridge_02_90	1.223	21.08	JP_2004_Chuettsu_06_EW	0.571	21.85	JP_2011_Fukushima_06_NS	1.245	33.22	JP_2016_Kumamoto_05_EW	1.515	19.62	JP_2016_Kumamoto_05_EW	1.515	19.62	JP_2016_Kumamoto_06_EW	0.955	25.18
	10	JP_2016_Kumamoto_05_EW	1.665	21.45	TW_1999_ChiChi_01_90	0.520	22.30	JP_2016_Kumamoto_01_EW	0.583	24.74	JP_2009_Shizuoca_02_EW	1.212	19.94	JP_2009_Shizuoca_02_EW	1.212	19.94	JP_2018_Hokkaido_02_EW	0.865	23.20
	11	JP_2004_Chuettsu_06_EW	0.571	21.85	JP_2004_Chuettsu_07_EW	1.008	23.46	JP_2016_Kumamoto_04_NS	0.654	43.21	TW_1999_ChiChi_08_360	1.182	20.01	TW_1999_ChiChi_08_360	1.182	20.01	JP_2018_Hokkaido_04_NS	0.475	33.88
	12	TW_1999_ChiChi_01_90	0.520	22.30	JP_2016_Kumamoto_03_EW	0.903	23.51	JP_2016_Kumamoto_06_NS	0.904	25.83	US_1989_Loma Prieta_06_90	1.394	20.53	US_1989_Loma Prieta_06_90	1.394	20.53	PE_2012_14MAY_NS	4.000	41.79
	13	US_1994_Northridge_02_360	1.145	22.36	US_1992_Petrolia_02_270	1.176	24.54	JP_2018_Hokkaido_02_EW	0.777	24.80	US_1989_Loma Prieta_03_90	1.121	20.55	US_1989_Loma Prieta_03_90	1.121	20.55	TW_1999_ChiChi_01_90	0.513	22.30
	14	JP_2004_Chuettsu_07_EW	1.008	23.46	CH_2012_GO05_EW	2.593	24.64	JP_2018_Hokkaido_04_NS	0.575	35.89	US_1994_Northridge_02_90	1.182	20.92	US_1994_Northridge_02_90	1.182	20.92	TW_1999_ChiChi_06_90	0.678	38.46
	15	JP_2016_Kumamoto_03_EW	0.903	23.51	JP_2016_Kumamoto_01_EW	0.583	24.74	JP_2018_Hokkaido_07_EW	0.310	40.33	JP_2004_Chuettsu_06_EW	0.550	21.67	JP_2004_Chuettsu_06_EW	0.550	21.67	TW_1999_ChiChi_08_90	0.805	18.17
	16	US_1989_Loma Prieta_03_90	0.944	23.54	JP_2018_Hokkaido_02_EW	0.777	24.80	TW_1999_ChiChi_01_90	0.520	22.30	TW_1999_ChiChi_01_90	0.513	22.30	TW_1999_ChiChi_01_90	0.513	22.30	US_1989_Loma Prieta_05_195	2.394	23.19
	17	US_1992_Petrolia_02_270	1.176	24.54	JP_2004_Chuettsu_05_EW	0.499	24.89	TW_1999_ChiChi_08_360	1.159	20.01	JP_2004_Chuettsu_05_EW	0.558	22.40	JP_2016_Kumamoto_03_EW	0.828	22.60	US_1989_Loma Prieta_05_285	1.091	24.90
	18	CH_2012_GO05_EW	2.593	24.64	JP_2016_Kumamoto_06_EW	0.962	25.21	US_1989_Loma Prieta_02_0	0.897	39.01	JP_2016_Kumamoto_03_EW	0.828	22.60	JP_2004_Chuettsu_06_NS	0.550	23.09	US_1994_Northridge_02_360	1.303	19.46
	19	JP_2016_Kumamoto_01_EW	0.583	24.74	JP_2004_14DEC_EW	0.550	25.44	US_1989_Loma Prieta_02_90	0.673	43.52	JP_2004_Chuettsu_06_NS	0.550	23.09	US_1989_Loma Prieta_05_195	2.394	23.19	US_1994_Northridge_03_360	0.430	35.74
	20	JP_2018_Hokkaido_02_EW	0.777	24.80	JP_2016_Kumamoto_06_NS	0.904	25.83	US_1989_Loma Prieta_06_90	1.364	20.71	US_1989_Loma Prieta_05_195	2.394	23.19	JP_2018_Hokkaido_02_EW	0.865	23.20	US_1994_Northridge_03_90	0.603	24.65
MSE	1	JP_2004_Chuettsu_07_NS	0.936	16932.48	JP_2004_Chuettsu_07_NS	0.936	16932.48	CH_2014_Iquique_02_EW	3.507	29011.13	JP_2004_Chuettsu_07_EW	0.805	11832.93	JP_2004_Chuettsu_07_EW	0.805	11832.93	JP_1997_Kagoshima_NS	1.091	73842.04
	2	TW_1999_ChiChi_10_90	0.657	19536.68	TW_1999_ChiChi_10_90	0.657	19536.68	JP_2000_Tottori_01_EW	0.847	30899.92	JP_2004_Chuettsu_05_EW	0.580	12151.46	JP_2004_Chuettsu_07_NS	1.030	13785.74	JP_2000_Tottori_01_EW	0.805	29231.12
	3	TW_1999_ChiChi_08_90	0.756	19958.23	TW_1999_ChiChi_08_90	0.756	19958.23	JP_2000_Tottori_05_NS	0.690	33728.49	JP_2004_Chuettsu_07_NS	1.030	13785.74	TW_1999_ChiChi_10_90	0.603	15071.74	JP_2000_Tottori_02_NS	0.558	72593.12
	4	US_1994_Northridge_01_90	1.701	20258.31	US_1994_Northridge_01_90	1.701	20258.31	JP_2004_14DEC_NS	0.837	59660.63	TW_1999_ChiChi_10_90	0.603	15071.74	CH_2014_Iquique_02_EW	3.091	18916.95	JP_2000_Tottori_05_EW	0.858	83678.82
	5	TW_1999_ChiChi_08_360	1.159	20339.42	TW_1999_ChiChi_08_360	1.159	20339.42	JP_2004_27OCT_02_NS	2.102	46933.61	CH_2014_Iquique_02_EW	3.091	18916.95	TW_1999_ChiChi_08_90	0.768	19761.94	JP_2004_Chuettsu_05_NS	0.468	24152.55
	6	JP_2004_Chuettsu_05_EW	0.499	22813.17	JP_2004_Chuettsu_05_EW	0.499	22813.17	JP_2004_Chuettsu_04_EW	0.399	91363.93	TW_1999_ChiChi_08_90	0.768	19761.94	JP_2004_14DEC_EW	0.483	19984.29	JP_2009_Shizuoca_02_NS	1.394	45728.55
	7	US_1994_Northridge_02_90	1.223	24382.56	US_1994_Northridge_02_90	1.223	24382.56	JP_2011_12APR_EW	0.753	96105.66	US_1989_Loma Prieta_06_0	1.212	19965.61	TW_1999_ChiChi_08_360	1.152	20225.75	JP_2011_15MAR_NS	0.670	29048.71
	8	JP_2004_Chuettsu_06_EW	0.571	24784.33	JP_2004_Chuettsu_06_EW	0.571	24784.33	JP_2011_Fukushima_06_EW	0.838	49252.03	JP_2004_14DEC_EW	0.483	19984.29	US_1994_Northridge_01_90	1.697	20257.94	JP_2016_Kumamoto_05_EW	1.545	27665.04
	9	JP_2004_Chuettsu_05_NS	0.449	25085.46	JP_2004_Chuettsu_05_NS	0.449	25085.46	JP_2011_Fukushima_06_NS	1.245	54609.18	TW_1999_ChiChi_08_360	1.152	20225.75	JP_1997_Kagoshima_EW	0.895	22350.15	JP_2016_Kumamoto_06_EW	0.948	41050.88
	10	US_1989_Loma Prieta_06_90	1.364	26323.32	CH_2014_Iquique_02_EW	3.507	29011.13	JP_2016_Kumamoto_01_EW	0.583	36511.74	US_1994_Northridge_01_90	1.697	20257.94	JP_2004_Chuettsu_06_EW	0.550	24274.41	JP_2018_Hokkaido_02_NS	1.030	67410.75
	11	CH_2014_Iquique_02_EW	3.507	29011.13	JP_2009_Shizuoca_02_EW	1.259	29389.51	JP_2016_Kumamoto_04_NS	0.654	78946.40	JP_1997_Kagoshima_EW	0.895	22350.15	US_1994_Northridge_02_90	1.242	24363.06	JP_2018_Hokkaido_04_NS	0.513	61603.09
	12	JP_2009_Shizuoca_02_EW	1.259	29389.51	JP_2011_15MAR_NS	0.634	30416.61	JP_2016_Kumamoto_06_NS	0.904	38751.68	JP_2004_Chuettsu_05_NS	0.468	24152.25	US_1989_Loma Prieta_06_90	1.394	26074.86	PE_2012_14MAY_NS	4.000	90465.97
	13	JP_2016_Kumamoto_05_EW	1.665	30207.15	JP_2004_14DEC_EW	0.550	30742.53	JP_2018_Hokkaido_02_EW	0.777	42809.16	JP_2004_Chuettsu_06_EW	0.550	24274.41	JP_2016_Kumamoto_05_EW	1.545	27665.04	TW_1999_ChiChi_01_90	0.550	51435.92
	14	JP_2011_15MAR_NS	0.634	30416.61	JP_2000_Tottori_01_EW	0.847	30899.92	JP_2018_Hokkaido_04_NS	0.575	69689.70	US_1994_Northridge_02_90	1.242	24363.06	JP_2000_Tottori_05_NS	0.625	27825.40	TW_1999_ChiChi_04_90	1.303	48621.88
	15	JP_2004_14DEC_EW	0.550	30742.53	US_1992_Petrolia_02_270	1.176	32493.54	JP_2018_Hokkaido_07_EW	0.310	70369.65	US_1989_Loma Prieta_06_90	1.394	26074.86	JP_2009_Shizuoca_02_EW	1.212	28509.66	TW_1999_ChiChi_06_360	0.813	60336.60
	16	JP_2000_Tottori_01_EW	0.847	30899.92	JP_2000_Tottori_05_NS	0.690	33728.49	TW_1999_ChiChi_01_90	0.520	52781.27	JP_2016_Kumamoto_05_EW	1.545	27665.04	JP_2011_15MAR_NS	0.670	29048.71	TW_1999_ChiChi_06_90	0.693	85061.19
	17	US_1992_Petrolia_02_270	1.176	32493.54	JP_2009_Shizuoca_03_EW	1.231	34938.83	TW_1999_ChiChi_08_360	1.159	20339.42	JP_2000_Tottori_05_NS	0.625	27825.40	JP_2000_Tottori_01_EW	0.805	29231.12	TW_1999_ChiChi_08_90	0.768	19761.94
	18	JP_2000_Tottori_05_NS	0.690	33728.49	US_1989_Loma Prieta_06_0	1.403	35077.36	US_1989_Loma Prieta_02_0	0.897	61662.35	JP_2009_Shizuoca_02_EW	1.212	28509.66	US_1989_Loma Prieta_03_90	1.121	29472.73	US_1989_Loma Prieta_05_195	2.545	29927.13
	19	JP_2009_Shizuoca_03_EW	1.231	34938.83	JP_2016_Kumamoto_01_EW	0.583	36511.74	US_1989_Loma Prieta_02_90	0.673	79139.31	JP_2011_15MAR_NS	0.670	29048.71	US_1989_Loma Prieta_05_195	2.545	29927.13	US_1992_Big Bear_270	0.858	74254.17
	20	US_1989_Loma Prieta_06_0	1.403	35077.36	JP_2016_Kumamoto_06_NS	0.904	38751.68	US_1989_Loma Prieta_06_90	1.364	26323.32	JP_2000_Tottori_01_EW	0.805	29231.12	JP_2016_Kumamoto_01_EW	0.655	30183.82	US_1994_Northridge_03_360	0.520	78784.39
RMS E	1	JP_2004_Chuettsu_07_NS	0.936	130.12	JP_2004_Chuettsu_07_NS	0.936	130.12	CH_2014_Iquique_02_EW	3.507	170.33	JP_2004_Chuettsu_07_EW	0.805	108.78	JP_2004_Chuettsu_07_EW	0.805	108.78	JP_1997_Kagoshima_NS	1.091	271.74
	2	TW_1999_ChiChi_10_90	0.657	139.77	TW_1999_ChiChi_10_90	0.657	139.77	JP_2000_Tottori_01_EW	0.847	175.78	JP_2004_Chuettsu_05_EW	0.580	110.23	JP_2004_Chuettsu_07_NS	1.030	117.41	JP_2000_Tottori_01_EW	0.805	170.97
	3	TW_1999_ChiChi_08_90	0.756	141.27	TW_1999_ChiChi_08_90	0.756	141.27	JP_2000_Tottori_05_NS	0.690	183.65	JP_2004_Chuettsu_07_NS	1.030	117.41	TW_1999_ChiChi_10_90	0.603	122.77	JP_2000_Tottori_02_NS	0.558	269.43
	4	US_1994_Northridge_01_90	1.701	142.33	US_1994_Northridge_01_90	1.701	142.33	JP_2004_14DEC_NS	0.837	244.26	TW_1999_ChiChi_10_90	0.603	122.77	CH_2014_Iquique_02_EW	3.091	137.54	JP_2000_Tottori_05_EW	0.858	289.27
	5	TW_1999_ChiChi_08_360	1.159	142.62	TW_1999_ChiChi_08_360	1.159	142.62	JP_2004_27OCT_02_NS	2.102	216.64	CH_2014_Iquique_02_EW	3.091	137.54	TW_1999_ChiChi_08_90	0.768	140.58	JP_2004_Chuettsu_05_NS	0.468	155.41
	6	JP_2004_Chuettsu_05_EW	0.499	151.04	JP_2004_Chuettsu_05_EW	0.499	151.04	JP_2004_Chuettsu_04_EW	0.399	302.26	TW_1999_ChiChi_08_90	0.768	140.58	JP_2004_14DEC_EW	0.483	141.37	JP_2009_Shizuoca_02_NS	1.394	213.84
	7	US_1994_Northridge_02_90	1.223	156.15	US_1994_Northridge_02_90	1.223	156.15	JP_2011_12APR_EW	0.753	310.01	US_1989_Loma Prieta_06_0	1.212	141.30	TW_1999_ChiChi_08_360	1.152	142.22	JP_2011_15MAR_NS	0.670	170.44

	8	JP_2004_Chuetstu_06_EW	0.57 1	157.43	JP_2004_Chuetstu_06_EW	0.57 1	157.43	JP_2011_Fukushima_06_EW	0.83 8	221.93	JP_2004_14DEC_EW	0.48 3	141.37	US_1994_Northridge_01_90	1.69 7	142.33	JP_2016_Kumamoto_05_EW	1.54 5	166.33
	9	JP_2004_Chuetstu_05_NS	0.44 9	158.38	JP_2004_Chuetstu_05_NS	0.44 9	158.38	JP_2011_Fukushima_06_NS	1.24 5	233.69	TW_1999_ChiChi_08_360	1.15 2	142.22	JP_1997_Kagoshima_EW	0.89 5	149.50	JP_2016_Kumamoto_06_EW	0.94 8	202.61
	10	US_1989_Loma Prieta_06_90	1.36 4	162.24	CH_2014_Iquique_02_EW	3.50 7	170.33	JP_2016_Kumamoto_01_EW	0.58 3	191.08	US_1994_Northridge_01_90	1.69 7	142.33	JP_2004_Chuetstu_06_EW	0.55 0	155.80	JP_2018_Hokkaido_02_NS	1.03 0	259.64
	11	CH_2014_Iquique_02_EW	3.50 7	170.33	JP_2009_Shizuoca_02_EW	1.25 9	171.43	JP_2016_Kumamoto_04_NS	0.65 4	280.97	JP_1997_Kagoshima_EW	0.89 5	149.50	US_1994_Northridge_02_90	1.24 2	156.09	JP_2018_Hokkaido_04_NS	0.51 3	248.20
	12	JP_2009_Shizuoca_02_EW	1.25 9	171.43	JP_2011_15MAR_NS	0.63 4	174.40	JP_2016_Kumamoto_06_NS	0.90 4	196.85	JP_2004_Chuetstu_05_NS	0.46 8	155.41	US_1989_Loma Prieta_06_90	1.39 4	161.48	PE_2012_14MAY_NS	4.00 0	300.78
	13	JP_2016_Kumamoto_05_EW	1.66 5	173.80	JP_2004_14DEC_EW	0.55 0	175.34	JP_2018_Hokkaido_02_EW	0.77 7	206.90	JP_2004_Chuetstu_06_EW	0.55 0	155.80	JP_2016_Kumamoto_05_EW	1.54 5	166.33	TW_1999_ChiChi_01_90	0.55 0	226.79
	14	JP_2011_15MAR_NS	0.63 4	174.40	JP_2000_Tottori_01_EW	0.84 7	175.78	JP_2018_Hokkaido_04_NS	0.57 5	263.99	US_1994_Northridge_02_90	1.24 2	156.09	JP_2000_Tottori_05_NS	0.62 5	166.81	TW_1999_ChiChi_04_90	1.30 3	220.50
	15	JP_2004_14DEC_EW	0.55 0	175.34	US_1992_Petrolia_02_270	1.17 6	180.26	JP_2018_Hokkaido_07_EW	0.31 0	265.27	US_1989_Loma Prieta_06_90	1.39 4	161.48	JP_2009_Shizuoca_02_EW	1.21 2	168.85	TW_1999_ChiChi_06_360	0.81 3	245.64
	16	JP_2000_Tottori_01_EW	0.84 7	175.78	JP_2000_Tottori_05_NS	0.69 0	183.65	TW_1999_ChiChi_01_90	0.52 0	229.74	JP_2016_Kumamoto_05_EW	1.54 5	166.33	JP_2011_15MAR_NS	0.67 0	170.44	TW_1999_ChiChi_06_90	0.69 3	291.65
	17	US_1992_Petrolia_02_270	1.17 6	180.26	JP_2009_Shizuoca_03_EW	1.23 1	186.92	TW_1999_ChiChi_08_360	1.15 9	142.62	JP_2000_Tottori_05_NS	0.62 5	166.81	JP_2000_Tottori_01_EW	0.80 5	170.97	TW_1999_ChiChi_08_90	0.76 8	140.58
	18	JP_2000_Tottori_05_NS	0.69 0	183.65	US_1989_Loma Prieta_06_0	1.40 3	187.29	US_1989_Loma Prieta_02_0	0.89 7	248.32	JP_2009_Shizuoca_02_EW	1.21 2	168.85	US_1989_Loma Prieta_03_90	1.12 1	171.68	US_1989_Loma Prieta_05_195	2.54 5	172.99
	19	JP_2009_Shizuoca_03_EW	1.23 1	186.92	JP_2016_Kumamoto_01_EW	0.58 3	191.08	US_1989_Loma Prieta_02_90	0.67 3	281.32	JP_2011_15MAR_NS	0.67 0	170.44	US_1989_Loma Prieta_05_195	2.54 5	172.99	US_1992_Big Bear_270	0.85 8	272.50
	20	US_1989_Loma Prieta_06_0	1.40 3	187.29	JP_2016_Kumamoto_06_NS	0.90 4	196.85	US_1989_Loma Prieta_06_90	1.36 4	162.24	JP_2000_Tottori_01_EW	0.80 5	170.97	JP_2016_Kumamoto_01_EW	0.65 5	173.73	US_1994_Northridge_03_360	0.52 0	280.69

REGISTROS SELECCIONADOS CASO Ymr-I T=0.32s - TSepu-tr-2475																			
Caso:		TSepu-tr-2475_NSp_Sbs			TSepu-tr-2475_NSp_Sci			TSepu-tr-2475_NSp_Ssr			TSepu-tr-2475_NSr_Sbs			TSepu-tr-2475_NSr_Sci			TSepu-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	US_1994_Northridge_01_90	2.117	134.16	US_1994_Northridge_01_90	2.117	134.16	JP_2000_Tottori_01_EW	1.054	201.02	JP_2004_Chuetstu_05_EW	0.745	101.27	JP_2004_Chuetstu_07_EW	1.061	104.65	CH_2014_Iquique_02_EW	4.000	148.48
	2	TW_1999_ChiChi_10_90	0.818	140.02	TW_1999_ChiChi_10_90	0.818	140.02	JP_2004_27OCT_02_NS	2.616	243.65	JP_2004_Chuetstu_07_EW	1.061	104.65	JP_2004_Chuetstu_07_NS	1.333	130.96	JP_2000_Tottori_01_EW	1.030	200.70
	3	TW_1999_ChiChi_08_90	0.940	146.46	TW_1999_ChiChi_08_90	0.940	146.46	JP_2011_12APR_EW	0.937	367.90	JP_2004_Chuetstu_07_NS	1.333	130.96	US_1994_Northridge_01_90	2.121	134.07	JP_2011_15MAR_NS	0.858	189.17
	4	JP_2009_Shizuoca_02_EW	1.567	152.27	JP_2009_Shizuoca_02_EW	1.567	152.27	JP_2011_15MAR_EW	0.291	377.00	US_1994_Northridge_01_90	2.121	134.07	TW_1999_ChiChi_10_90	0.820	140.13	JP_2011_Fukushima_04_NS	0.670	437.32
	5	JP_2004_Chuetstu_07_NS	1.165	158.53	JP_2004_Chuetstu_07_NS	1.165	158.53	JP_2016_Kumamoto_01_EW	0.726	214.39	TW_1999_ChiChi_10_90	0.820	140.13	TW_1999_ChiChi_08_90	0.978	142.78	JP_2016_Kumamoto_01_EW	0.843	202.88
	6	US_1994_Northridge_02_90	1.522	160.21	US_1994_Northridge_02_90	1.522	160.21	JP_2016_Kumamoto_01_NS	0.609	239.17	TW_1999_ChiChi_08_90	0.978	142.78	US_1989_Loma Prieta_06_0	1.515	143.67	JP_2016_Kumamoto_01_NS	0.663	238.21
	7	TW_1999_ChiChi_08_360	1.443	162.28	TW_1999_ChiChi_08_360	1.443	162.28	JP_2016_Kumamoto_04_NS	0.814	331.05	US_1989_Loma Prieta_06_0	1.515	143.67	CH_2014_Iquique_02_EW	4.000	148.48	JP_2016_Kumamoto_04_NS	1.091	272.16
	8	JP_2016_Kumamoto_05_EW	2.072	164.09	US_1989_Loma Prieta_06_0	1.746	167.23	JP_2018_Hokkaido_02_EW	0.967	219.40	CH_2014_Iquique_02_EW	4.000	148.48	JP_2009_Shizuoca_02_EW	1.576	152.57	JP_2018_Hokkaido_02_EW	1.121	191.64
	9	US_1989_Loma Prieta_06_0	1.746	167.23	JP_2004_Chuetstu_06_EW	0.710	168.68	JP_2018_Hokkaido_03_EW	0.661	294.73	JP_2009_Shizuoca_02_EW	1.576	152.57	US_1994_Northridge_02_90	1.515	160.38	JP_2018_Hokkaido_04_NS	0.595	256.82
	10	JP_2004_Chuetstu_06_EW	0.710	168.68	US_1989_Loma Prieta_05_195	3.594	170.35	JP_2018_Hokkaido_07_EW	0.386	298.91	US_1994_Northridge_02_90	1.515	160.38	TW_1999_ChiChi_08_360	1.455	162.35	PE_2012_14MAY_NS	4.000	439.09
	11	US_1989_Loma Prieta_05_195	3.594	170.35	JP_2004_Chuetstu_05_NS	0.559	170.75	TW_1999_ChiChi_01_90	0.647	200.17	TW_1999_ChiChi_08_360	1.455	162.35	JP_2016_Kumamoto_05_EW	2.030	163.30	TW_1999_ChiChi_01_90	0.648	200.14
	12	JP_2004_Chuetstu_05_NS	0.559	170.75	JP_2004_Chuetstu_05_EW	0.621	175.65	TW_1999_ChiChi_08_360	1.443	162.28	JP_2016_Kumamoto_05_EW	2.030	163.30	US_1989_Loma Prieta_05_195	3.424	164.62	TW_1999_ChiChi_06_360	1.182	250.63
	13	JP_2004_Chuetstu_05_EW	0.621	175.65	JP_2016_Kumamoto_06_NS	1.125	180.63	TW_1999_ChiChi_10_90	0.818	140.02	US_1989_Loma Prieta_05_195	3.424	164.62	JP_2004_14DEC_EW	0.610	165.72	TW_1999_ChiChi_06_90	0.933	306.45
	14	JP_2016_Kumamoto_06_NS	1.125	180.63	JP_2004_Chuetstu_07_EW	1.254	182.12	US_1989_Loma Prieta_02_0	1.116	284.54	JP_2004_14DEC_EW	0.610	165.72	JP_2004_Chuetstu_06_EW	0.715	168.70	US_1989_Loma Prieta_01_0	0.933	209.40
	15	US_1989_Loma Prieta_06_90	1.697	180.89	US_1992_Petrolia_02_270	1.464	188.98	US_1989_Loma Prieta_02_90	0.838	345.77	JP_2004_Chuetstu_06_EW	0.715	168.70	JP_1997_Kagoshima_EW	1.212	172.92	US_1989_Loma Prieta_04_90	1.121	320.38
	16	JP_2004_Chuetstu_07_EW	1.254	182.12	JP_2004_14DEC_EW	0.685	190.90	US_1989_Loma Prieta_04_0	0.609	319.54	JP_2004_Chuetstu_05_NS	0.573	170.61	US_1989_Loma Prieta_06_90	1.879	174.36	US_1989_Loma Prieta_06_90	1.879	174.36
	17	US_1992_Petrolia_02_270	1.464	188.98	JP_2000_Tottori_05_NS	0.859	196.27	US_1989_Loma Prieta_05_285	1.505	218.34	JP_1997_Kagoshima_EW	1.212	172.92	US_1994_Northridge_02_360	1.667	176.61	US_1994_Northridge_02_360	1.667	176.61
	18	JP_2004_14DEC_EW	0.685	190.90	JP_2011_15MAR_NS	0.789	197.12	US_1989_Loma Prieta_06_90	1.697	180.89	US_1989_Loma Prieta_06_90	1.879	174.36	US_1989_Loma Prieta_03_90	1.515	176.77	US_1994_Northridge_02_90	1.515	160.38
	19	JP_2000_Tottori_05_NS	0.859	196.27	TW_1999_ChiChi_01_90	0.647	200.17	US_1994_Northridge_02_90	1.522	160.21	US_1994_Northridge_02_360	1.667	176.61	JP_2004_Chuetstu_06_NS	0.670	186.35	US_1994_Northridge_03_360	0.633	296.57
	20	JP_2011_15MAR_NS	0.789	197.12	JP_2000_Tottori_01_EW	1.054	201.02	US_1994_Northridge_03_360	0.636	296.42	US_1989_Loma Prieta_03_90	1.515	176.77	US_1992_Petrolia_02_270	1.424	187.08	US_1994_Northridge_03_90	0.783	234.70

MAP E	1	US_1994_Northridge_01_90	2.117	17.37	US_1994_Northridge_01_90	2.117	17.37	JP_2000_Tottori_01_EW	1.054	29.21	JP_2004_Chuetsu_07_EW	1.091	14.64	JP_2004_Chuetsu_07_EW	1.091	14.64	CH_2014_Iquique_02_EW	4.000	17.07
	2	TW_1999_ChiChi_10_90	0.818	18.84	TW_1999_ChiChi_10_90	0.818	18.84	JP_2004_27OCT_02_NS	2.616	33.53	US_1989_Loma Prieta_06_0	1.394	16.15	US_1989_Loma Prieta_06_0	1.394	16.15	JP_2000_Tottori_01_EW	1.061	29.21
	3	JP_2016_Kumamoto_05_EW	2.072	19.22	JP_2009_Shizuoca_02_EW	1.567	19.48	JP_2011_12APR_EW	0.937	50.13	JP_2004_Chuetsu_07_NS	1.364	16.20	JP_2004_Chuetsu_07_NS	1.364	16.20	JP_2009_Shizuoca_02_NS	1.545	26.94
	4	JP_2009_Shizuoca_02_EW	1.567	19.48	TW_1999_ChiChi_08_90	0.940	19.57	JP_2011_15MAR_EW	0.291	50.46	US_1994_Northridge_01_90	2.273	16.90	US_1994_Northridge_01_90	2.273	16.90	JP_2011_15MAR_NS	0.940	25.83
	5	TW_1999_ChiChi_08_90	0.940	19.57	US_1994_Northridge_02_90	1.522	20.33	JP_2016_Kumamoto_01_EW	0.726	26.10	CH_2014_Iquique_02_EW	4.000	17.07	CH_2014_Iquique_02_EW	4.000	17.07	JP_2016_Kumamoto_01_EW	0.790	24.87
	6	US_1994_Northridge_02_90	1.522	20.33	JP_2004_Chuetsu_07_EW	1.254	21.07	JP_2016_Kumamoto_01_NS	0.609	28.28	TW_1999_ChiChi_08_90	1.030	18.55	TW_1999_ChiChi_08_90	1.030	18.55	JP_2016_Kumamoto_01_NS	0.663	27.65
	7	JP_2004_Chuetsu_07_EW	1.254	21.07	JP_2004_Chuetsu_07_NS	1.165	21.16	JP_2016_Kumamoto_04_NS	0.814	44.33	TW_1999_ChiChi_10_90	0.828	18.79	TW_1999_ChiChi_10_90	0.828	18.79	JP_2016_Kumamoto_04_NS	1.121	36.97
	8	JP_2004_Chuetsu_07_NS	1.165	21.16	TW_1999_ChiChi_08_360	1.443	21.34	JP_2018_Hokkaido_02_EW	0.967	26.50	JP_2016_Kumamoto_05_EW	2.000	18.85	JP_2016_Kumamoto_05_EW	2.000	18.85	JP_2018_Hokkaido_02_EW	1.121	23.91
	9	US_1989_Loma Prieta_06_90	1.697	21.30	TW_1999_ChiChi_01_90	0.647	21.78	JP_2018_Hokkaido_03_EW	0.661	38.67	US_1994_Northridge_02_360	1.667	19.02	US_1994_Northridge_02_360	1.667	19.02	JP_2018_Hokkaido_04_NS	0.595	33.37
	10	TW_1999_ChiChi_08_360	1.443	21.34	JP_2004_Chuetsu_06_EW	0.710	22.02	JP_2018_Hokkaido_07_EW	0.386	40.77	JP_2009_Shizuoca_02_EW	1.576	19.50	JP_2009_Shizuoca_02_EW	1.576	19.50	PE_2012_14MAY_NS	4.000	53.89
	11	TW_1999_ChiChi_01_90	0.647	21.78	JP_2016_Kumamoto_03_EW	1.124	23.23	TW_1999_ChiChi_01_90	0.647	21.78	US_1994_Northridge_02_90	1.485	20.23	US_1994_Northridge_02_90	1.485	20.23	TW_1999_ChiChi_01_90	0.648	21.78
	12	JP_2004_Chuetsu_06_EW	0.710	22.02	US_1992_Petrolia_02_270	1.464	23.60	TW_1999_ChiChi_08_360	1.443	21.34	US_1989_Loma Prieta_03_90	1.455	20.58	US_1989_Loma Prieta_03_90	1.455	20.58	TW_1999_ChiChi_06_360	0.925	32.87
	13	US_1994_Northridge_02_360	1.425	23.06	US_1989_Loma Prieta_06_0	1.746	23.66	TW_1999_ChiChi_10_90	0.818	18.84	JP_2004_Chuetsu_05_EW	0.723	20.76	US_1989_Loma Prieta_06_90	1.818	20.86	TW_1999_ChiChi_08_360	1.545	20.99
	14	JP_2016_Kumamoto_03_EW	1.124	23.23	US_1989_Loma Prieta_05_195	3.594	24.00	US_1989_Loma Prieta_02_0	1.116	40.70	US_1989_Loma Prieta_06_90	1.818	20.86	TW_1999_ChiChi_08_360	1.545	20.99	US_1989_Loma Prieta_01_0	0.978	25.88
	15	US_1992_Petrolia_02_270	1.464	23.60	US_1989_Loma Prieta_05_285	1.505	24.88	US_1989_Loma Prieta_02_90	0.838	45.07	TW_1999_ChiChi_08_360	1.545	20.99	TW_1999_ChiChi_01_90	0.648	21.78	US_1989_Loma Prieta_05_195	3.242	22.16
	16	US_1989_Loma Prieta_06_0	1.746	23.66	JP_2004_Chuetsu_05_EW	0.621	25.09	US_1989_Loma Prieta_04_0	0.609	39.93	TW_1999_ChiChi_01_90	0.648	21.78	JP_2004_Chuetsu_06_EW	0.708	22.02	US_1989_Loma Prieta_06_90	1.818	20.86
	17	US_1989_Loma Prieta_05_195	3.594	24.00	JP_2016_Kumamoto_06_NS	1.125	25.29	US_1989_Loma Prieta_05_285	1.505	24.88	JP_2004_Chuetsu_06_EW	0.708	22.02	US_1989_Loma Prieta_05_195	3.242	22.16	US_1994_Northridge_02_360	1.667	19.02
	18	US_1989_Loma Prieta_03_90	1.175	24.13	CH_2012_GO05_EW	3.227	25.97	US_1989_Loma Prieta_06_90	1.697	21.30	US_1989_Loma Prieta_05_195	3.242	22.16	US_1992_Petrolia_02_270	1.364	23.05	US_1994_Northridge_02_90	1.485	20.23
	19	US_1989_Loma Prieta_05_285	1.505	24.88	JP_2016_Kumamoto_06_EW	1.197	26.03	US_1994_Northridge_02_90	1.522	20.33	US_1992_Petrolia_02_270	1.364	23.05	JP_2016_Kumamoto_03_EW	1.091	23.08	US_1994_Northridge_03_360	0.595	34.83
	20	JP_2004_Chuetsu_05_EW	0.621	25.09	JP_2016_Kumamoto_01_EW	0.726	26.10	US_1994_Northridge_03_360	0.636	35.17	JP_2016_Kumamoto_03_EW	1.091	23.08	US_1989_Loma Prieta_05_285	1.394	23.54	US_1994_Northridge_03_90	0.813	25.20
MSE	1	TW_1999_ChiChi_10_90	0.818	32432.86	TW_1999_ChiChi_10_90	0.818	32432.86	JP_2000_Tottori_01_EW	1.054	53920.07	JP_2004_Chuetsu_05_EW	0.738	18577.69	JP_2004_Chuetsu_07_EW	1.030	20277.26	CH_2014_Iquique_02_EW	3.909	33505.75
	2	US_1994_Northridge_01_90	2.117	32614.83	US_1994_Northridge_01_90	2.117	32614.83	JP_2004_27OCT_02_NS	2.616	84780.72	JP_2004_Chuetsu_07_EW	1.030	20277.26	JP_2004_Chuetsu_07_NS	1.303	25675.68	JP_2000_Tottori_01_EW	1.030	52986.11
	3	JP_2004_Chuetsu_07_NS	1.165	33904.35	JP_2004_Chuetsu_07_NS	1.165	33904.35	JP_2011_12APR_EW	0.937	170766.88	JP_2004_Chuetsu_07_NS	1.303	25675.68	TW_1999_ChiChi_10_90	0.768	28414.23	JP_2004_14DEC_NS	0.963	93504.50
	4	TW_1999_ChiChi_08_90	0.940	33933.46	TW_1999_ChiChi_08_90	0.940	33933.46	JP_2011_15MAR_EW	0.291	167384.23	TW_1999_ChiChi_10_90	0.768	28414.23	US_1994_Northridge_01_90	2.152	32218.89	JP_2007_16JUL_EW	1.152	108628.33
	5	TW_1999_ChiChi_08_360	1.443	37078.69	TW_1999_ChiChi_08_360	1.443	37078.69	JP_2016_Kumamoto_01_EW	0.726	67266.79	US_1989_Loma Prieta_06_0	1.545	30668.88	TW_1999_ChiChi_08_90	0.985	32384.23	JP_2011_15MAR_NS	0.850	51179.37
	6	US_1994_Northridge_02_90	1.522	38837.47	US_1994_Northridge_02_90	1.522	38837.47	JP_2016_Kumamoto_01_NS	0.609	86779.69	US_1994_Northridge_01_90	2.152	32218.89	CH_2014_Iquique_02_EW	3.909	33505.75	JP_2011_Fukushima_02_NS	2.061	124056.56
	7	JP_2004_Chuetsu_06_EW	0.710	39949.09	JP_2004_Chuetsu_06_EW	0.710	39949.09	JP_2016_Kumamoto_04_NS	0.814	140149.12	TW_1999_ChiChi_08_90	0.985	32384.23	TW_1999_ChiChi_08_360	1.455	37101.72	JP_2011_Fukushima_04_NS	0.783	227317.03
	8	JP_2004_Chuetsu_05_EW	0.621	41370.94	JP_2004_Chuetsu_05_EW	0.621	41370.94	JP_2018_Hokkaido_02_EW	0.967	77148.34	CH_2014_Iquique_02_EW	3.909	33505.75	JP_1997_Kagoshima_EW	1.121	37235.55	JP_2016_Kumamoto_01_EW	0.835	53299.03
	9	JP_2009_Shizuoca_02_EW	1.567	42924.12	JP_2009_Shizuoca_02_EW	1.567	42924.12	JP_2018_Hokkaido_03_EW	0.661	114606.92	TW_1999_ChiChi_08_360	1.455	37101.72	JP_2004_14DEC_EW	0.610	37402.21	JP_2016_Kumamoto_01_NS	0.610	86780.85
	10	JP_2016_Kumamoto_05_EW	2.072	45354.46	JP_2004_Chuetsu_05_NS	0.559	47117.02	JP_2018_Hokkaido_07_EW	0.386	116772.30	JP_1997_Kagoshima_EW	1.121	37235.55	US_1994_Northridge_02_90	1.576	37890.85	JP_2016_Kumamoto_04_NS	1.030	101926.22
	11	JP_2004_Chuetsu_05_NS	0.559	47117.02	US_1989_Loma Prieta_06_0	1.746	47640.13	TW_1999_ChiChi_01_90	0.647	84072.04	JP_2004_14DEC_EW	0.610	37402.21	JP_2004_Chuetsu_06_EW	0.708	39908.01	JP_2016_Kumamoto_05_EW	1.970	43734.22
	12	US_1989_Loma Prieta_06_0	1.746	47640.13	US_1992_Petrolia_02_270	1.464	49133.63	TW_1999_ChiChi_08_360	1.443	37078.69	US_1994_Northridge_02_90	1.576	37890.85	JP_2009_Shizuoca_02_EW	1.545	42742.74	JP_2018_Hokkaido_02_EW	1.152	54046.95
	13	US_1989_Loma Prieta_06_90	1.697	48552.77	JP_2004_14DEC_EW	0.685	49502.69	TW_1999_ChiChi_10_90	0.818	32432.86	JP_2004_Chuetsu_06_EW	0.708	39908.01	JP_2016_Kumamoto_05_EW	1.970	43734.22	JP_2018_Hokkaido_04_NS	0.648	96640.42
	14	US_1992_Petrolia_02_270	1.464	49133.63	JP_2000_Tottori_01_EW	1.054	53920.07	US_1989_Loma Prieta_02_0	1.116	113489.41	JP_2009_Shizuoca_02_EW	1.545	42742.74	US_1989_Loma Prieta_06_90	1.758	47109.60	PE_2012_14MAY_NS	4.000	234974.04
	15	JP_2004_14DEC_EW	0.685	49502.69	JP_2011_15MAR_NS	0.789	55463.69	US_1989_Loma Prieta_02_90	0.838	140207.48	JP_2016_Kumamoto_05_EW	1.970	43734.22	US_1989_Loma Prieta_05_195	3.242	47174.67	TW_1999_ChiChi_01_90	0.700	79294.86
	16	JP_2000_Tottori_01_EW	1.054	53920.07	JP_2000_Tottori_05_NS	0.859	55710.17	US_1989_Loma Prieta_04_0	0.609	138742.60	JP_2004_Chuetsu_05_NS	0.595	43838.99	US_1992_Petrolia_02_270	1.455	49202.50	TW_1999_ChiChi_06_360	1.030	92457.23
	17	JP_2011_15MAR_NS	0.789	55463.69	US_1989_Loma Prieta_05_195	3.594	57730.82	US_1989_Loma Prieta_05_285	1.505	96293.50	US_1989_Loma Prieta_06_90	1.758	47109.60	JP_2000_Tottori_05_NS	0.790	49856.47	US_1989_Loma Prieta_05_195	3.242	47174.67
	18	JP_2000_Tottori_05_NS	0.859	55710.17	JP_2016_Kumamoto_06_NS	1.125	62737.75	US_1989_Loma Prieta_06_90	1.697	48552.77	US_1989_Loma Prieta_05_195	3.242	47174.67	JP_2011_15MAR_NS	0.850	51179.37	US_1994_Northridge_02_360	1.788	51193.67
	19	US_1989_Loma Prieta_05_195	3.594	57730.82	JP_2004_Chuetsu_07_EW	1.254	63715.50	US_1994_Northridge_02_90	1.522	38837.47	US_1992_Petrolia_02_270	1.455	49202.50	US_1994_Northridge_02_360	1.788	51193.67	US_1994_Northridge_03_360	0.663	118640.54

	20	JP_2016_Kumamoto_06_NS	1.125	62737.75	CH_2012_GO05_EW	3.227	65951.91	US_1994_Northridge_03_360	0.636	120078.07	JP_2000_Tottori_05_NS	0.790	49856.47	US_1989_Loma Prieta_03_90	1.424	51960.40	US_1994_Northridge_03_90	0.753	84111.97
RMS E	1	TW_1999_ChiChi_10_90	0.818	180.09	TW_1999_ChiChi_10_90	0.818	180.09	JP_2000_Tottori_01_EW	1.054	232.21	JP_2004_Chuetsu_05_EW	0.738	136.30	JP_2004_Chuetsu_07_EW	1.030	142.40	CH_2014_Iquique_02_EW	3.909	183.05
	2	US_1994_Northridge_01_90	2.117	180.60	US_1994_Northridge_01_90	2.117	180.60	JP_2004_27OCT_02_NS	2.616	291.17	JP_2004_Chuetsu_07_EW	1.030	142.40	JP_2004_Chuetsu_07_NS	1.303	160.24	JP_2000_Tottori_01_EW	1.030	230.19
	3	JP_2004_Chuetsu_07_NS	1.165	184.13	JP_2004_Chuetsu_07_NS	1.165	184.13	JP_2011_12APR_EW	0.937	413.24	JP_2004_Chuetsu_07_NS	1.303	160.24	TW_1999_ChiChi_10_90	0.768	168.57	JP_2004_14DEC_NS	0.963	305.79
	4	TW_1999_ChiChi_08_90	0.940	184.21	TW_1999_ChiChi_08_90	0.940	184.21	JP_2011_15MAR_EW	0.291	409.13	TW_1999_ChiChi_10_90	0.768	168.57	US_1994_Northridge_01_90	2.152	179.50	JP_2007_16JUL_EW	1.152	329.59
	5	TW_1999_ChiChi_08_360	1.443	192.56	TW_1999_ChiChi_08_360	1.443	192.56	JP_2016_Kumamoto_01_EW	0.726	259.36	US_1989_Loma Prieta_06_0	1.545	175.13	TW_1999_ChiChi_08_90	0.985	179.96	JP_2011_15MAR_NS	0.850	226.23
	6	US_1994_Northridge_02_90	1.522	197.07	US_1994_Northridge_02_90	1.522	197.07	JP_2016_Kumamoto_01_NS	0.609	294.58	US_1994_Northridge_01_90	2.152	179.50	CH_2014_Iquique_02_EW	3.909	183.05	JP_2011_Fukushima_02_NS	2.061	352.22
	7	JP_2004_Chuetsu_06_EW	0.710	199.87	JP_2004_Chuetsu_06_EW	0.710	199.87	JP_2016_Kumamoto_04_NS	0.814	374.36	TW_1999_ChiChi_08_90	0.985	179.96	TW_1999_ChiChi_08_360	1.455	192.62	JP_2011_Fukushima_04_NS	0.783	476.78
	8	JP_2004_Chuetsu_05_EW	0.621	203.40	JP_2004_Chuetsu_05_EW	0.621	203.40	JP_2018_Hokkaido_02_EW	0.967	277.76	CH_2014_Iquique_02_EW	3.909	183.05	JP_1997_Kagoshima_EW	1.121	192.97	JP_2016_Kumamoto_01_EW	0.835	230.87
	9	JP_2009_Shizuoca_02_EW	1.567	207.18	JP_2009_Shizuoca_02_EW	1.567	207.18	JP_2018_Hokkaido_03_EW	0.661	338.54	TW_1999_ChiChi_08_360	1.455	192.62	JP_2004_14DEC_EW	0.610	193.40	JP_2016_Kumamoto_01_NS	0.610	294.59
	10	JP_2016_Kumamoto_05_EW	2.072	212.97	JP_2004_Chuetsu_05_NS	0.559	217.06	JP_2018_Hokkaido_07_EW	0.386	341.72	JP_1997_Kagoshima_EW	1.121	192.97	US_1994_Northridge_02_90	1.576	194.66	JP_2016_Kumamoto_04_NS	1.030	319.26
	11	JP_2004_Chuetsu_05_NS	0.559	217.06	US_1989_Loma Prieta_06_0	1.746	218.27	TW_1999_ChiChi_01_90	0.647	289.95	JP_2004_14DEC_EW	0.610	193.40	JP_2004_Chuetsu_06_EW	0.708	199.77	JP_2016_Kumamoto_05_EW	1.970	209.13
	12	US_1989_Loma Prieta_06_0	1.746	218.27	US_1992_Petrolia_02_270	1.464	221.66	TW_1999_ChiChi_08_360	1.443	192.56	US_1994_Northridge_02_90	1.576	194.66	JP_2009_Shizuoca_02_EW	1.545	206.74	JP_2018_Hokkaido_02_EW	1.152	232.48
	13	US_1989_Loma Prieta_06_90	1.697	220.35	JP_2004_14DEC_EW	0.685	222.49	TW_1999_ChiChi_10_90	0.818	180.09	JP_2004_Chuetsu_06_EW	0.708	199.77	JP_2016_Kumamoto_05_EW	1.970	209.13	JP_2018_Hokkaido_04_NS	0.648	310.87
	14	US_1992_Petrolia_02_270	1.464	221.66	JP_2000_Tottori_01_EW	1.054	232.21	US_1989_Loma Prieta_02_0	1.116	336.88	JP_2009_Shizuoca_02_EW	1.545	206.74	US_1989_Loma Prieta_06_90	1.758	217.05	PE_2012_14MAY_NS	4.000	484.74
	15	JP_2004_14DEC_EW	0.685	222.49	JP_2011_15MAR_NS	0.789	235.51	US_1989_Loma Prieta_02_90	0.838	374.44	JP_2016_Kumamoto_05_EW	1.970	209.13	US_1989_Loma Prieta_05_195	3.242	217.20	TW_1999_ChiChi_01_90	0.700	281.59
	16	JP_2000_Tottori_01_EW	1.054	232.21	JP_2000_Tottori_05_NS	0.859	236.03	US_1989_Loma Prieta_04_0	0.609	372.48	JP_2004_Chuetsu_05_NS	0.595	209.38	US_1992_Petrolia_02_270	1.455	221.82	TW_1999_ChiChi_06_360	1.030	304.07
	17	JP_2011_15MAR_NS	0.789	235.51	US_1989_Loma Prieta_05_195	3.594	240.27	US_1989_Loma Prieta_05_285	1.505	310.31	US_1989_Loma Prieta_06_90	1.758	217.05	JP_2000_Tottori_05_NS	0.790	223.29	US_1989_Loma Prieta_05_195	3.242	217.20
	18	JP_2000_Tottori_05_NS	0.859	236.03	JP_2016_Kumamoto_06_NS	1.125	250.48	US_1989_Loma Prieta_06_90	1.697	220.35	US_1989_Loma Prieta_05_195	3.242	217.20	JP_2011_15MAR_NS	0.850	226.23	US_1994_Northridge_02_360	1.788	226.26
	19	US_1989_Loma Prieta_05_195	3.594	240.27	JP_2004_Chuetsu_07_EW	1.254	252.42	US_1994_Northridge_02_90	1.522	197.07	US_1992_Petrolia_02_270	1.455	221.82	US_1994_Northridge_02_360	1.788	226.26	US_1994_Northridge_03_360	0.663	344.44
	20	JP_2016_Kumamoto_06_NS	1.125	250.48	CH_2012_GO05_EW	3.227	256.81	US_1994_Northridge_03_360	0.636	346.52	JP_2000_Tottori_05_NS	0.790	223.29	US_1989_Loma Prieta_03_90	1.424	227.95	US_1994_Northridge_03_90	0.753	290.02

REGISTROS SELECCIONADOS CASO Ymr-I T=0.40s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2004_Chuetsu_07_NS	1.002	96.70	JP_2004_Chuetsu_07_NS	1.002	96.70	CH_2012_GO05_EW	2.284	170.50	JP_2004_Chuetsu_07_NS	1.182	66.20	JP_2004_Chuetsu_07_NS	1.182	66.20	CH_2014_Iquique_02_EW	3.455	86.22
	2	TW_1999_ChiChi_08_360	1.176	108.86	TW_1999_ChiChi_08_360	1.176	108.86	JP_1997_Kagoshima_NS	1.348	159.35	JP_2004_Chuetsu_07_EW	0.925	74.45	JP_2004_Chuetsu_07_EW	0.925	74.45	JP_2000_Tottori_01_EW	0.940	163.87
	3	TW_1999_ChiChi_10_90	0.768	109.22	TW_1999_ChiChi_10_90	0.768	109.22	JP_2000_Tottori_01_EW	1.275	231.10	CH_2014_Iquique_02_EW	3.455	86.22	CH_2014_Iquique_02_EW	3.455	86.22	JP_2007_Noto_01_NS	0.700	206.09
	4	JP_2004_Chuetsu_06_EW	0.637	111.00	JP_2004_Chuetsu_06_EW	0.637	111.00	JP_2000_Tottori_05_EW	0.860	245.81	TW_1999_ChiChi_10_90	0.745	106.42	TW_1999_ChiChi_10_90	0.745	106.42	JP_2007_Noto_02_NS	1.091	161.44
	5	JP_2016_Kumamoto_01_EW	0.713	133.13	JP_2016_Kumamoto_01_EW	0.713	133.13	JP_2000_Tottori_05_NS	0.665	177.28	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2016_Kumamoto_05_EW	1.758	107.14	JP_2009_Shizuoca_03_EW	1.485	160.91
	6	JP_2004_14DEC_EW	0.499	133.86	JP_2004_14DEC_EW	0.499	133.86	JP_2004_27OCT_02_EW	0.737	235.34	TW_1999_ChiChi_08_360	1.212	108.08	TW_1999_ChiChi_08_360	1.212	108.08	JP_2011_15MAR_EW	0.378	201.83
	7	JP_2009_Shizuoca_02_EW	1.552	134.50	JP_2009_Shizuoca_02_EW	1.552	134.50	JP_2004_Chuetsu_07_EW	0.730	142.51	TW_1999_ChiChi_08_90	0.865	108.54	TW_1999_ChiChi_08_90	0.865	108.54	JP_2011_15MAR_NS	0.760	152.87
	8	US_1989_Loma Prieta_04_0	0.736	141.75	US_1989_Loma Prieta_04_0	0.736	141.75	JP_2004_Chuetsu_07_NS	1.002	96.70	JP_2004_Chuetsu_06_EW	0.618	110.19	JP_2004_Chuetsu_06_EW	0.618	110.19	JP_2011_Fukushima_02_NS	1.333	223.96
	9	JP_2004_Chuetsu_07_EW	0.730	142.51	JP_2004_Chuetsu_07_EW	0.730	142.51	JP_2009_Shizuoca_03_EW	1.311	171.61	US_1994_Northridge_02_90	1.333	114.68	US_1994_Northridge_02_90	1.333	114.68	JP_2011_Fukushima_04_NS	0.625	300.25
	10	JP_2004_Chuetsu_06_NS	0.647	148.52	JP_2004_Chuetsu_06_NS	0.647	148.52	JP_2011_Fukushima_04_EW	0.747	273.05	US_1994_Northridge_01_90	2.000	115.48	US_1994_Northridge_01_90	2.000	115.48	JP_2013_25FEB_EW	0.595	211.70
	11	JP_1997_Kagoshima_NS	1.348	159.35	JP_1997_Kagoshima_NS	1.348	159.35	JP_2016_Kumamoto_01_EW	0.713	133.13	US_1989_Loma Prieta_06_90	1.455	117.17	US_1989_Loma Prieta_06_90	1.455	117.17	JP_2016_Kumamoto_01_EW	0.685	132.94
	12	JP_2016_Kumamoto_06_EW	1.214	160.64	JP_2016_Kumamoto_06_EW	1.214	160.64	JP_2016_Kumamoto_05_EW	2.494	253.91	US_1994_Northridge_02_360	1.424	117.84	US_1994_Northridge_02_360	1.424	117.84	JP_2016_Kumamoto_01_NS	0.535	159.64

	1 3	US_1989_Loma Prieta_05_285	1.35 6	161.07	US_1989_Loma Prieta_05_285	1.35 6	161.07	JP_2018_Hokkaido_04_E W	0.48 0	191.49	US_1989_Loma Prieta_05_195	2.75 8	124.94	US_1989_Loma Prieta_05_195	2.75 8	124.94	JP_2016_Kumamoto_05_ EW	1.75 8	107.14
	1 4	JP_2004_14DEC_NS	1.12 8	168.41	JP_2004_14DEC_NS	1.12 8	168.41	JP_2018_Hokkaido_04_N S	0.53 3	194.86	CH_2012_GO05_EW	3.00 0	126.01	CH_2012_GO05_EW	3.00 0	126.01	JP_2016_Kumamoto_06_ NS	0.92 5	166.02
	1 5	TW_1999_ChiChi_01_360	0.65 4	168.56	TW_1999_ChiChi_01_360	0.65 4	168.56	JP_2018_Hokkaido_07_E W	0.35 4	221.17	US_1989_Loma Prieta_03_90	1.12 1	126.43	US_1989_Loma Prieta_03_90	1.12 1	126.43	JP_2018_Hokkaido_05_N S	0.43 8	266.30
	1 6	TW_1999_ChiChi_01_90	0.68 9	168.63	TW_1999_ChiChi_01_90	0.68 9	168.63	TW_1999_ChiChi_01_90	0.68 9	168.63	JP_2004_14DEC_EW	0.53 5	127.37	JP_2004_14DEC_EW	0.53 5	127.37	TW_1999_ChiChi_07_360	0.73 8	239.11
	1 7	CH_2012_GO05_EW	2.28 4	170.50	CH_2012_GO05_EW	2.28 4	170.50	TW_1999_ChiChi_08_36 0	1.17 6	108.86	JP_2018_Hokkaido_02_E W	0.97 8	128.60	JP_2018_Hokkaido_02_E W	0.97 8	128.60	TW_1999_ChiChi_08_360	1.21 2	108.08
	1 8	JP_2007_Noto_02_NS	1.20 6	171.24	JP_2007_Noto_02_NS	1.20 6	171.24	US_1989_Loma Prieta_04_0	0.73 6	141.75	TW_1999_ChiChi_01_90	0.56 5	128.96	TW_1999_ChiChi_01_90	0.56 5	128.96	US_1989_Loma Prieta_01_0	0.77 5	142.96
	1 9	JP_2004_27OCT_03_NS	0.86 8	171.60	JP_2004_27OCT_03_NS	0.86 8	171.60	US_1992_Petrolia_02_36 0	0.55 7	256.47	JP_2004_Chuetsu_06_NS	0.54 3	131.04	JP_2004_Chuetsu_06_NS	0.54 3	131.04	US_1994_Northridge_03_ 360	0.53 5	207.61
	2 0	JP_2009_Shizuoca_03_EW	1.31 1	171.61	JP_2009_Shizuoca_03_EW	1.31 1	171.61	US_1994_Northridge_03_ 90	0.93 9	231.07	JP_2009_Shizuoca_02_E W	1.42 4	131.15	JP_2009_Shizuoca_02_E W	1.42 4	131.15	US_1994_Northridge_03_ 90	0.60 3	148.48
MAP E	1	TW_1999_ChiChi_10_90	0.76 8	21.43	TW_1999_ChiChi_10_90	0.76 8	21.43	CH_2012_GO05_EW	2.28 4	33.65	JP_2004_Chuetsu_07_NS	1.24 2	14.81	JP_2004_Chuetsu_07_NS	1.24 2	14.81	CH_2014_Iquique_02_EW	3.51 5	15.03
	2	JP_2004_Chuetsu_07_NS	1.00 2	21.61	JP_2004_Chuetsu_07_NS	1.00 2	21.61	JP_1997_Kagoshima_NS	1.34 8	31.47	CH_2014_Iquique_02_EW	3.51 5	15.03	CH_2014_Iquique_02_EW	3.51 5	15.03	JP_2000_Tottori_01_EW	1.06 1	41.59
	3	JP_2004_Chuetsu_06_EW	0.63 7	23.67	JP_2004_Chuetsu_06_EW	0.63 7	23.67	JP_2000_Tottori_01_EW	1.27 5	43.99	JP_2016_Kumamoto_05_E W	1.63 6	17.14	JP_2016_Kumamoto_05_E W	1.63 6	17.14	JP_2009_Shizuoca_02_N S	1.18 2	30.26
	4	JP_2009_Shizuoca_02_EW	1.55 2	24.25	JP_2009_Shizuoca_02_EW	1.55 2	24.25	JP_2000_Tottori_05_EW	0.86 0	57.74	US_1994_Northridge_02_3 60	1.39 4	18.15	US_1994_Northridge_02_3 60	1.39 4	18.15	JP_2009_Shizuoca_03_E W	1.75 8	40.57
	5	TW_1999_ChiChi_08_360	1.17 6	24.57	TW_1999_ChiChi_08_360	1.17 6	24.57	JP_2000_Tottori_05_NS	0.66 5	47.57	TW_1999_ChiChi_01_90	0.55 8	18.40	TW_1999_ChiChi_01_90	0.55 8	18.40	JP_2011_Fukushima_02_ NS	1.27 3	37.02
	6	JP_2016_Kumamoto_01_EW	0.71 3	25.04	JP_2016_Kumamoto_01_EW	0.71 3	25.04	JP_2004_27OCT_02_EW	0.73 7	48.32	US_1989_Loma Prieta_03_90	0.96 3	20.07	US_1989_Loma Prieta_03_90	0.96 3	20.07	JP_2016_Kumamoto_01_ EW	0.67 0	24.68
	7	JP_2004_Chuetsu_06_NS	0.64 7	26.01	JP_2004_Chuetsu_06_NS	0.64 7	26.01	JP_2004_Chuetsu_07_E W	0.73 0	33.10	US_1989_Loma Prieta_05_195	2.51 5	20.18	US_1989_Loma Prieta_05_195	2.51 5	20.18	JP_2016_Kumamoto_01_ NS	0.55 0	28.56
	8	TW_1999_ChiChi_01_90	0.68 9	27.91	TW_1999_ChiChi_01_90	0.68 9	27.91	JP_2004_Chuetsu_07_N S	1.00 2	21.61	JP_2004_Chuetsu_07_EW	0.95 5	20.53	JP_2004_Chuetsu_07_EW	0.95 5	20.53	JP_2016_Kumamoto_03_ NS	0.80 5	28.08
	9	US_1989_Loma Prieta_05_285	1.35 6	28.51	US_1989_Loma Prieta_05_285	1.35 6	28.51	JP_2009_Shizuoca_03_E W	1.31 1	44.54	US_1989_Loma Prieta_06_90	1.36 4	20.84	US_1989_Loma Prieta_06_90	1.36 4	20.84	JP_2016_Kumamoto_05_ EW	1.63 6	17.14
	1 0	JP_2016_Kumamoto_06_EW	1.21 4	28.57	JP_2016_Kumamoto_06_EW	1.21 4	28.57	JP_2011_Fukushima_04_ EW	0.74 7	58.28	TW_1999_ChiChi_10_90	0.84 3	21.13	TW_1999_ChiChi_10_90	0.84 3	21.13	JP_2016_Kumamoto_06_ NS	0.76 8	34.53
	1 1	US_1989_Loma Prieta_04_0	0.73 6	29.83	US_1989_Loma Prieta_04_0	0.73 6	29.83	JP_2016_Kumamoto_01_ EW	0.71 3	25.04	US_1994_Northridge_02_9 0	1.33 3	21.69	US_1994_Northridge_02_9 0	1.33 3	21.69	JP_2018_Hokkaido_05_N S	0.40 0	44.46
	1 2	JP_2018_Hokkaido_02_EW	1.29 4	30.51	JP_2018_Hokkaido_02_EW	1.29 4	30.51	JP_2016_Kumamoto_05_ EW	2.49 4	53.24	US_1989_Loma Prieta_06_0	1.03 0	22.40	US_1989_Loma Prieta_06_0	1.03 0	22.40	TW_1999_ChiChi_01_90	0.55 8	18.40
	1 3	TW_1999_ChiChi_01_360	0.65 4	31.06	TW_1999_ChiChi_01_360	0.65 4	31.06	JP_2018_Hokkaido_04_E W	0.48 0	41.84	TW_1999_ChiChi_08_360	1.45 5	22.41	TW_1999_ChiChi_08_360	1.45 5	22.41	TW_1999_ChiChi_07_360	0.69 3	38.32
	1 4	JP_1997_Kagoshima_NS	1.34 8	31.47	JP_1997_Kagoshima_NS	1.34 8	31.47	JP_2018_Hokkaido_04_N S	0.53 3	42.47	TW_1999_ChiChi_08_90	0.92 5	23.10	TW_1999_ChiChi_08_90	0.92 5	23.10	TW_1999_ChiChi_08_360	1.45 5	22.41
	1 5	JP_2007_Noto_02_NS	1.20 6	32.14	JP_2007_Noto_02_NS	1.20 6	32.14	JP_2018_Hokkaido_07_E W	0.35 4	52.52	JP_2004_Chuetsu_06_EW	0.61 8	23.54	JP_2004_Chuetsu_06_EW	0.61 8	23.54	US_1989_Loma Prieta_01_0	0.80 5	30.65
	1 6	US_1994_Northridge_02_90	1.74 2	32.35	US_1994_Northridge_02_90	1.74 2	32.35	TW_1999_ChiChi_01_90	0.68 9	27.91	JP_2016_Kumamoto_06_E W	1.06 1	24.06	JP_2016_Kumamoto_06_E W	1.06 1	24.06	US_1989_Loma Prieta_06_90	1.36 4	20.84
	1 7	JP_2004_Chuetsu_07_EW	0.73 0	33.10	JP_2004_Chuetsu_07_EW	0.73 0	33.10	TW_1999_ChiChi_08_36 0	1.17 6	24.57	JP_2009_Shizuoca_02_E W	1.57 6	24.26	JP_2009_Shizuoca_02_E W	1.57 6	24.26	US_1994_Northridge_01_ 90	2.06 1	25.07
	1 8	CH_2012_GO05_EW	2.28 4	33.65	CH_2012_GO05_EW	2.28 4	33.65	US_1989_Loma Prieta_04_0	0.73 6	29.83	US_1994_Northridge_03_9 0	0.71 5	24.30	US_1994_Northridge_03_9 0	0.71 5	24.30	US_1994_Northridge_02_ 360	1.39 4	18.15
	1 9	US_1987_WhittierNarrows_01 270	2.00 3	33.72	US_1987_WhittierNarrows_01 270	2.00 3	33.72	US_1992_Petrolia_02_36 0	0.55 7	55.87	JP_2018_Hokkaido_02_E W	1.03 0	24.57	JP_2018_Hokkaido_02_E W	1.03 0	24.57	US_1994_Northridge_02_ 90	1.33 3	21.69
	2 0	TW_1999_ChiChi_08_90	1.26 7	34.29	TW_1999_ChiChi_08_90	1.26 7	34.29	US_1994_Northridge_03_ 90	0.93 9	35.69	JP_2016_Kumamoto_01_E W	0.67 0	24.68	JP_2016_Kumamoto_01_E W	0.67 0	24.68	US_1994_Northridge_03_ 90	0.71 5	24.30
MSE	1	JP_2004_Chuetsu_07_NS	1.00 2	13542.3 5	JP_2004_Chuetsu_07_NS	1.00 2	13542.3 5	CH_2012_GO05_EW	2.28 4	43238.36	JP_2004_Chuetsu_07_NS	1.15 2	6141.90	JP_2004_Chuetsu_07_NS	1.15 2	6141.90	CH_2014_Iquique_02_EW	3.45 5	14621.07
	2	TW_1999_ChiChi_08_360	1.17 6	22478.5 9	TW_1999_ChiChi_08_360	1.17 6	22478.5 9	JP_1997_Kagoshima_NS	1.34 8	47239.55	JP_2004_Chuetsu_07_EW	0.91 0	9378.42	JP_2004_Chuetsu_07_EW	0.91 0	9378.42	JP_2000_Tottori_01_EW	0.90 3	33304.33
	3	JP_2004_14DEC_EW	0.49 9	22631.9 6	JP_2004_14DEC_EW	0.49 9	22631.9 6	JP_2000_Tottori_01_EW	1.27 5	104021.1 9	CH_2014_Iquique_02_EW	3.45 5	14621.0 7	CH_2014_Iquique_02_EW	3.45 5	14621.0 7	JP_2007_Noto_01_NS	0.62 5	61686.60
	4	JP_2004_Chuetsu_06_EW	0.63 7	22967.5 7	JP_2004_Chuetsu_06_EW	0.63 7	22967.5 7	JP_2000_Tottori_05_EW	0.86 0	79874.79	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	TW_1999_ChiChi_10_90	0.67 0	18713.1 3	JP_2007_Noto_02_NS	1.06 1	56194.30
	5	JP_2004_Chuetsu_07_EW	0.73 0	27319.8 6	JP_2004_Chuetsu_07_EW	0.73 0	27319.8 6	JP_2000_Tottori_05_NS	0.66 5	38193.19	JP_2004_14DEC_EW	0.53 5	20298.4 5	JP_2004_14DEC_EW	0.53 5	20298.4 5	JP_2009_Shizuoca_01_E W	0.86 5	113138.8 8
	6	TW_1999_ChiChi_10_90	0.76 8	28486.0 4	TW_1999_ChiChi_10_90	0.76 8	28486.0 4	JP_2004_27OCT_02_EW	0.73 7	87360.04	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	TW_1999_ChiChi_08_360	1.24 2	21363.3 0	JP_2009_Shizuoca_02_N S	1.45 5	50868.88
	7	JP_2016_Kumamoto_01_EW	0.71 3	30981.0 2	JP_2016_Kumamoto_01_EW	0.71 3	30981.0 2	JP_2004_Chuetsu_07_E W	0.73 0	27319.86	JP_2004_Chuetsu_06_EW	0.61 0	21916.3 0	JP_2004_Chuetsu_06_EW	0.61 0	21916.3 0	JP_2009_Shizuoca_03_E W	1.51 5	32458.30
	8	JP_2000_Tottori_05_NS	0.66 5	38193.1 9	JP_2000_Tottori_05_NS	0.66 5	38193.1 9	JP_2004_Chuetsu_07_N S	1.00 2	13542.35	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	TW_1999_ChiChi_08_90	0.85 0	22049.6 8	JP_2011_15MAR_NS	0.73 0	36288.87
	9	US_1989_Loma Prieta_04_0	0.73 6	39896.7 8	US_1989_Loma Prieta_04_0	0.73 6	39896.7 8	JP_2009_Shizuoca_03_E W	1.31 1	40127.51	US_1994_Northridge_01_9 0	1.90 9	23993.2 0	US_1994_Northridge_01_9 0	1.90 9	23993.2 0	JP_2011_Fukushima_02_ NS	1.60 6	86956.24
	1 0	JP_2018_Osake_NS	1.24 2	39988.8 6	JP_2018_Osake_NS	1.24 2	39988.8 6	JP_2011_Fukushima_04_ EW	0.74 7	108729.4 6	JP_2016_Kumamoto_05_E W	1.72 7	24314.9 1	JP_2016_Kumamoto_05_E W	1.72 7	24314.9 1	JP_2011_Fukushima_04_ NS	0.67 8	119708.0 7
	1 1	JP_2009_Shizuoca_03_EW	1.31 1	40127.5 1	JP_2009_Shizuoca_03_EW	1.31 1	40127.5 1	JP_2016_Kumamoto_01_ EW	0.71 3	30981.02	JP_2004_Chuetsu_05_EW	0.60 3	26176.5 9	US_1994_Northridge_02_9 0	1.33 3	26394.5 1	JP_2016_Kumamoto_01_ EW	0.70 8	30928.18

	1 2	JP_2009_Shizuoca_02_EW	1.55 2	40132.1 1	JP_2009_Shizuoca_02_EW	1.55 2	40132.1 1	JP_2016_Kumamoto_05_EW	2.49 4	107004.0 4	US_1994_Northridge_02_9 0	1.33 3	26394.5 1	US_1989_Loma Prieta_06_90	1.51 5	27425.1 0	JP_2016_Kumamoto_01_NS	0.52 8	47062.25
	1 3	CH_2012_GO05_EW	2.28 4	43238.3 6	CH_2012_GO05_EW	2.28 4	43238.3 6	JP_2018_Hokkaido_04_E W	0.48 0	63262.36	JP_2004_Chuetsu_05_NS	0.50 5	27269.9 5	CH_2012_GO05_EW	2.81 8	27888.3 2	JP_2016_Kumamoto_05_EW	1.72 7	24314.91
	1 4	JP_2004_27OCT_03_NS	0.86 8	45186.4 7	JP_2004_27OCT_03_NS	0.86 8	45186.4 7	JP_2018_Hokkaido_04_N S	0.53 3	60380.51	US_1989_Loma Prieta_06_90	1.51 5	27425.1 0	JP_2009_Shizuoca_02_E W	1.33 3	28972.9 2	JP_2021_Miyagi_02_NS	0.46 8	155042.1 2
	1 5	US_1989_Loma Prieta_02_0	1.24 7	46837.9 7	US_1989_Loma Prieta_02_0	1.24 7	46837.9 7	JP_2018_Hokkaido_07_E W	0.35 4	67968.57	CH_2012_GO05_EW	2.81 8	27888.3 2	JP_1997_Kagoshima_EW	0.98 5	30458.7 6	TW_1999_ChiChi_08_360	1.24 2	21363.30
	1 6	JP_1997_Kagoshima_NS	1.34 8	47239.5 5	JP_1997_Kagoshima_NS	1.34 8	47239.5 5	TW_1999_ChiChi_01_90	0.68 9	56241.30	JP_2009_Shizuoca_02_E W	1.33 3	28972.9 2	JP_2004_Chuetsu_06_NS	0.53 5	30805.8 0	US_1989_Loma Prieta_01_0	0.77 5	35720.40
	1 7	JP_2004_27OCT_02_NS	2.18 8	47366.8 9	JP_2004_27OCT_02_NS	2.18 8	47366.8 9	TW_1999_ChiChi_08_36 0	1.17 6	22478.59	JP_1997_Kagoshima_EW	0.98 5	30458.7 6	JP_2016_Kumamoto_01_E W	0.70 8	30928.1 8	US_1989_Loma Prieta_03_90	1.18 2	33427.96
	1 8	JP_2004_Chuetsu_06_NS	0.64 7	49515.5 0	JP_2004_Chuetsu_06_NS	0.64 7	49515.5 0	US_1989_Loma Prieta_04_0	0.73 6	39896.78	JP_2004_Chuetsu_06_NS	0.53 5	30805.8 0	US_1989_Loma Prieta_06_0	1.24 2	31973.3 4	US_1989_Loma Prieta_04_90	0.85 0	85772.07
	1 9	JP_2004_29NOV_01_NS	1.84 3	51678.0 5	JP_2004_29NOV_01_NS	1.84 3	51678.0 5	US_1992_Petrolia_02_36 0	0.55 7	93718.70	JP_2016_Kumamoto_01_E W	0.70 8	30928.1 8	JP_2009_Shizuoca_03_E W	1.51 5	32458.3 0	US_1994_Northridge_03_360	0.55 0	74525.90
	2 0	TW_1999_ChiChi_01_360	0.65 4	52420.5 2	TW_1999_ChiChi_01_360	0.65 4	52420.5 2	US_1994_Northridge_03_90	0.93 9	132645.9 1	US_1989_Loma Prieta_06_0	1.24 2	31973.3 4	JP_2018_Hokkaido_02_E W	1.00 0	32539.2 3	US_1994_Northridge_03_90	0.64 0	44429.29
RMS E	1	JP_2004_Chuetsu_07_NS	1.00 2	116.37	JP_2004_Chuetsu_07_NS	1.00 2	116.37	CH_2012_GO05_EW	2.28 4	207.94	JP_2004_Chuetsu_07_NS	1.15 2	78.37	JP_2004_Chuetsu_07_NS	1.15 2	78.37	CH_2014_Iquique_02_EW	3.45 5	120.92
	2	TW_1999_ChiChi_08_360	1.17 6	149.93	TW_1999_ChiChi_08_360	1.17 6	149.93	JP_1997_Kagoshima_NS	1.34 8	217.35	JP_2004_Chuetsu_07_EW	0.91 0	96.84	JP_2004_Chuetsu_07_EW	0.91 0	96.84	JP_2000_Tottori_01_EW	0.90 3	182.49
	3	JP_2004_14DEC_EW	0.49 9	150.44	JP_2004_14DEC_EW	0.49 9	150.44	JP_2000_Tottori_01_EW	1.27 5	322.52	CH_2014_Iquique_02_EW	3.45 5	120.92	CH_2014_Iquique_02_EW	3.45 5	120.92	JP_2007_Noto_01_NS	0.62 5	248.37
	4	JP_2004_Chuetsu_06_EW	0.63 7	151.55	JP_2004_Chuetsu_06_EW	0.63 7	151.55	JP_2000_Tottori_05_EW	0.86 0	282.62	TW_1999_ChiChi_10_90	0.67 0	136.80	TW_1999_ChiChi_10_90	0.67 0	136.80	JP_2007_Noto_02_NS	1.06 1	237.05
	5	JP_2004_Chuetsu_07_EW	0.73 0	165.29	JP_2004_Chuetsu_07_EW	0.73 0	165.29	JP_2000_Tottori_05_NS	0.66 5	195.43	JP_2004_14DEC_EW	0.53 5	142.47	JP_2004_14DEC_EW	0.53 5	142.47	JP_2009_Shizuoca_01_E W	0.86 5	336.36
	6	TW_1999_ChiChi_10_90	0.76 8	168.78	TW_1999_ChiChi_10_90	0.76 8	168.78	JP_2004_27OCT_02_EW	0.73 7	295.57	TW_1999_ChiChi_08_360	1.24 2	146.16	TW_1999_ChiChi_08_360	1.24 2	146.16	JP_2009_Shizuoca_02_N S	1.45 5	225.54
	7	JP_2016_Kumamoto_01_EW	0.71 3	176.01	JP_2016_Kumamoto_01_EW	0.71 3	176.01	JP_2004_Chuetsu_07_E W	0.73 0	165.29	JP_2004_Chuetsu_06_EW	0.61 0	148.04	JP_2004_Chuetsu_06_EW	0.61 0	148.04	JP_2009_Shizuoca_03_E W	1.51 5	180.16
	8	JP_2000_Tottori_05_NS	0.66 5	195.43	JP_2000_Tottori_05_NS	0.66 5	195.43	JP_2004_Chuetsu_07_N S	1.00 2	116.37	TW_1999_ChiChi_08_90	0.85 0	148.49	TW_1999_ChiChi_08_90	0.85 0	148.49	JP_2011_15MAR_NS	0.73 0	190.50
	9	US_1989_Loma Prieta_04_0	0.73 6	199.74	US_1989_Loma Prieta_04_0	0.73 6	199.74	JP_2009_Shizuoca_03_E W	1.31 1	200.32	US_1994_Northridge_01_9 0	1.90 9	154.90	US_1994_Northridge_01_9 0	1.90 9	154.90	JP_2011_Fukushima_02_ NS	1.60 6	294.88
	1 0	JP_2018_Osake_NS	1.24 2	199.97	JP_2018_Osake_NS	1.24 2	199.97	JP_2011_Fukushima_04_ EW	0.74 7	329.74	JP_2016_Kumamoto_05_E W	1.72 7	155.93	JP_2016_Kumamoto_05_E W	1.72 7	155.93	JP_2011_Fukushima_04_ NS	0.67 8	345.99
	1 1	JP_2009_Shizuoca_03_EW	1.31 1	200.32	JP_2009_Shizuoca_03_EW	1.31 1	200.32	JP_2016_Kumamoto_01_ EW	0.71 3	176.01	JP_2004_Chuetsu_05_EW	0.60 3	161.79	US_1994_Northridge_02_9 0	1.33 3	162.46	JP_2016_Kumamoto_01_ EW	0.70 8	175.86
	1 2	JP_2009_Shizuoca_02_EW	1.55 2	200.33	JP_2009_Shizuoca_02_EW	1.55 2	200.33	JP_2016_Kumamoto_05_ EW	2.49 4	327.11	US_1994_Northridge_02_9 0	1.33 3	162.46	US_1989_Loma Prieta_06_90	1.51 5	165.61	JP_2016_Kumamoto_01_ NS	0.52 8	216.94
	1 3	CH_2012_GO05_EW	2.28 4	207.94	CH_2012_GO05_EW	2.28 4	207.94	JP_2018_Hokkaido_04_E W	0.48 0	251.52	JP_2004_Chuetsu_05_NS	0.50 5	165.14	CH_2012_GO05_EW	2.81 8	167.00	JP_2016_Kumamoto_05_ EW	1.72 7	155.93
	1 4	JP_2004_27OCT_03_NS	0.86 8	212.57	JP_2004_27OCT_03_NS	0.86 8	212.57	JP_2018_Hokkaido_04_N S	0.53 3	245.72	US_1989_Loma Prieta_06_90	1.51 5	165.61	JP_2009_Shizuoca_02_E W	1.33 3	170.21	JP_2021_Miyagi_02_NS	0.46 8	393.75
	1 5	US_1989_Loma Prieta_02_0	1.24 7	216.42	US_1989_Loma Prieta_02_0	1.24 7	216.42	JP_2018_Hokkaido_07_E W	0.35 4	260.71	CH_2012_GO05_EW	2.81 8	167.00	JP_1997_Kagoshima_EW	0.98 5	174.52	TW_1999_ChiChi_08_360	1.24 2	146.16
	1 6	JP_1997_Kagoshima_NS	1.34 8	217.35	JP_1997_Kagoshima_NS	1.34 8	217.35	TW_1999_ChiChi_01_90	0.68 9	237.15	JP_2009_Shizuoca_02_E W	1.33 3	170.21	JP_2004_Chuetsu_06_NS	0.53 5	175.52	US_1989_Loma Prieta_01_0	0.77 5	189.00
	1 7	JP_2004_27OCT_02_NS	2.18 8	217.64	JP_2004_27OCT_02_NS	2.18 8	217.64	TW_1999_ChiChi_08_36 0	1.17 6	149.93	JP_1997_Kagoshima_EW	0.98 5	174.52	JP_2016_Kumamoto_01_E W	0.70 8	175.86	US_1989_Loma Prieta_03_90	1.18 2	182.83
	1 8	JP_2004_Chuetsu_06_NS	0.64 7	222.52	JP_2004_Chuetsu_06_NS	0.64 7	222.52	US_1989_Loma Prieta_04_0	0.73 6	199.74	JP_2004_Chuetsu_06_NS	0.53 5	175.52	US_1989_Loma Prieta_06_0	1.24 2	178.81	US_1989_Loma Prieta_04_90	0.85 0	292.87
	1 9	JP_2004_29NOV_01_NS	1.84 3	227.33	JP_2004_29NOV_01_NS	1.84 3	227.33	US_1992_Petrolia_02_36 0	0.55 7	306.14	JP_2016_Kumamoto_01_E W	0.70 8	175.86	JP_2009_Shizuoca_03_E W	1.51 5	180.16	US_1994_Northridge_03_360	0.55 0	272.99
	2 0	TW_1999_ChiChi_01_360	0.65 4	228.96	TW_1999_ChiChi_01_360	0.65 4	228.96	US_1994_Northridge_03_90	0.93 9	364.21	US_1989_Loma Prieta_06_0	1.24 2	178.81	JP_2018_Hokkaido_02_E W	1.00 0	180.39	US_1994_Northridge_03_90	0.64 0	210.78

REGISTROS SELECCIONADOS CASO Ymr-I T=0.40s - TSemc-tr-475																			
Caso:		TSemc-tr-475_NSp_Sbs			TSemc-tr-475_NSp_Sci			TSemc-tr-475_NSp_Ssr			TSemc-tr-475_NSr_Sbs			TSemc-tr-475_NSr_Sci			TSemc-tr-475_NSr_Ssr		
ME	N.º	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	US_1989_Loma Prieta_02_90	0.34 8	66.12	JP_2011_Fukushima_04_EW	0.46 4	76.96	CH_2012_GO05_EW	1.41 8	162.71	JP_2011_Fukushima_04_EW	0.31 8	54.02	JP_2011_Fukushima_04_EW	0.31 8	54.02	CH_2014_Iquique_02_EW	0.76 8	111.02
	2	JP_2011_Fukushima_04_EW	0.46 4	76.96	JP_2011_12APR_EW	0.53 3	110.84	CH_2014_Iquique_02_EW	2.63 1	367.36	US_1989_Loma Prieta_02_90	0.31 0	56.32	US_1989_Loma Prieta_02_90	0.31 0	56.32	JP_1997_Kagoshima_EW	0.25 0	104.94
	3	US_1992_Petrolia_02_360	0.34 6	104.97	JP_2018_Hokkaido_03_E W	0.31 8	126.88	JP_2000_Tottori_01_EW	0.79 1	416.54	US_1992_Petrolia_02_360	0.25 0	59.49	US_1992_Petrolia_02_360	0.25 0	59.49	JP_2000_Tottori_05_EW	0.25 0	128.74
	4	JP_2016_14APR_EW	0.51 2	109.64	JP_2016_Kumamoto_04_NS	0.43 8	138.61	JP_2000_Tottori_05_NS	0.41 3	215.17	JP_2011_12APR_EW	0.33 3	70.07	JP_2011_12APR_EW	0.33 3	70.07	JP_2004_27OCT_02_EW	0.26 5	74.12

	5	JP_2011_12APR_EW	0.53 3	110.84	JP_2013_25FEB_EW	0.30 8	147.39	JP_2004_14DEC_EW	0.31 0	217.40	JP_2004_27OCT_02_EW	0.26 5	74.12	JP_2004_27OCT_02_EW	0.26 5	74.12	JP_2004_Chuet-su_07_NS	0.25 0	100.83
	6	JP_2004_27OCT_02_EW	0.45 8	117.60	JP_2018_Hokkaido_04_E W	0.29 8	150.55	JP_2004_27OCT_02_EW	0.45 8	117.60	JP_2004_27OCT_02_NS	0.73 8	79.47	JP_2004_27OCT_02_NS	0.73 8	79.47	JP_2007_Noto_02_NS	0.25 0	116.59
	7	JP_2011_Fukushima_04_ NS	0.38 7	120.87	US_1989_Loma Prieta_01_0	0.38 0	152.01	JP_2004_Chuet-su_07_NS	0.62 2	213.08	JP_2011_Fukushima_04_ NS	0.25 0	79.62	JP_2011_Fukushima_04_NS	0.25 0	79.62	JP_2008_Iwate_04_EW	0.25 0	165.69
	8	JP_2018_Hokkaido_03_E W	0.31 8	126.88	JP_2004_27OCT_02_NS	1.35 8	157.95	JP_2011_15MAR_NS	0.58 4	357.40	JP_2009_Shizuoca_01_N S	0.25 0	79.84	JP_2009_Shizuoca_01_NS	0.25 0	79.84	JP_2008_Iwate_04_NS	0.25 0	148.46
	9	JP_2016_Kumamoto_04_ EW	0.38 1	128.54	CH_2012_GO05_EW	1.41 8	162.71	JP_2016_Kumamoto_04_E W	0.38 1	128.54	JP_2018_Hokkaido_03_E W	0.25 0	80.89	JP_2018_Hokkaido_03_EW	0.25 0	80.89	JP_2009_Shizuoca_02_NS	0.32 5	101.59
	10	JP_2016_Kumamoto_04_ NS	0.43 8	138.61	JP_2009_Shizuoca_03_E W	0.81 4	176.15	JP_2018_Hokkaido_02_EW	0.80 3	387.26	US_1989_Loma Prieta_01_0	0.25 0	83.92	US_1989_Loma Prieta_01_0	0.25 0	83.92	JP_2011_Fukushima_06_N S	0.32 5	89.09
	11	JP_2013_25FEB_EW	0.30 8	147.39	JP_2004_Chuet-su_07_EW	0.45 3	190.90	JP_2018_Hokkaido_03_EW	0.31 8	126.88	JP_2009_Shizuoca_02_E W	0.31 8	84.13	JP_2009_Shizuoca_02_EW	0.31 8	84.13	JP_2016_Kumamoto_06_E W	0.25 0	105.69
	12	JP_2018_Hokkaido_04_E W	0.29 8	150.55	PE_2012_14MAY_NS	3.39 1	202.62	JP_2018_Hokkaido_04_EW	0.29 8	150.55	JP_2009_Shizuoca_03_E W	0.49 0	84.32	JP_2009_Shizuoca_03_EW	0.49 0	84.32	JP_2016_Kumamoto_06_N S	0.25 0	95.83
	13	US_1989_Loma Prieta_01_0	0.38 0	152.01	JP_2018_Hokkaido_04_N S	0.33 1	211.62	TW_1999_ChiChi_01_90	0.42 8	308.95	JP_2018_Osake_NS	0.27 3	84.69	JP_2018_Osake_NS	0.27 3	84.69	TW_1999_ChiChi_08_360	0.30 3	85.23
	14	JP_2004_27OCT_02_NS	1.35 8	157.95	JP_2000_Tottori_02_NS	0.40 6	211.90	TW_1999_ChiChi_08_360	0.73 0	221.40	TW_1999_ChiChi_08_360	0.30 3	85.23	TW_1999_ChiChi_08_360	0.30 3	85.23	TW_1999_ChiChi_08_90	0.25 0	111.84
	15	CH_2012_GO05_EW	1.41 8	162.71	JP_2004_Chuet-su_07_NS	0.62 2	213.08	TW_1999_ChiChi_10_90	0.47 7	323.40	CH_2012_GO05_EW	0.89 5	85.92	CH_2012_GO05_EW	0.89 5	85.92	US_1989_Loma Prieta_01_0	0.25 0	83.92
	16	JP_2000_Tottori_05_EW	0.53 4	168.65	JP_2000_Tottori_05_NS	0.41 3	215.17	US_1989_Loma Prieta_03_0	0.73 5	370.18	JP_2016_Kumamoto_04_ EW	0.25 0	86.13	JP_2016_Kumamoto_04_EW	0.25 0	86.13	US_1989_Loma Prieta_01_90	0.25 0	104.70
	17	JP_2016_14APR_NS	0.74 3	174.89	JP_2004_Chuet-su_04_EW	0.38 1	216.19	US_1989_Loma Prieta_04_0	0.45 7	235.38	JP_2004_27OCT_03_NS	0.25 0	86.92	JP_2004_27OCT_03_NS	0.25 0	86.92	US_1989_Loma Prieta_03_0	0.25 0	114.69
	18	JP_2009_Shizuoca_03_E W	0.81 4	176.15	JP_2004_14DEC_EW	0.31 0	217.40	US_1989_Loma Prieta_05_285	0.84 1	321.15	JP_2016_14APR_NS	0.39 3	87.96	JP_2016_14APR_NS	0.39 3	87.96	US_1989_Loma Prieta_06_90	0.36 3	111.04
	19	JP_2004_Chuet-su_07_EW	0.45 3	190.90	JP_2004_29NOV_01_NS	1.14 4	219.30	US_1992_Petrolia_02_360	0.34 6	104.97	US_1989_Loma Prieta_04_0	0.25 0	88.14	US_1989_Loma Prieta_04_0	0.25 0	88.14	US_1994_Northridge_01_9 0	0.33 3	108.95
	20	PE_2012_14MAY_NS	3.39 1	202.62	TW_1999_ChiChi_08_360	0.73 0	221.40	US_1994_Northridge_03_9 0	0.58 3	414.35	JP_2018_Hokkaido_03_N S	0.25 0	88.14	JP_2018_Hokkaido_03_NS	0.25 0	88.14	US_1994_Northridge_02_3 60	0.31 8	93.68
MAP E	1	JP_2016_14APR_EW	0.51 2	143.24	JP_2011_Fukushima_04_ EW	0.46 4	220.11	CH_2012_GO05_EW	1.41 8	522.38	JP_2016_14APR_EW	0.25 0	70.94	JP_2016_14APR_EW	0.25 0	70.94	CH_2012_GO05_EW	0.25 0	108.78
	2	JP_2021_Miyagi_02_NS	0.36 8	155.00	JP_2011_12APR_EW	0.53 3	222.73	CH_2014_Iquique_02_EW	2.63 1	1012.49	JP_2009_Shizuoca_01_N S	0.25 0	71.93	JP_2009_Shizuoca_01_NS	0.25 0	71.93	CH_2014_Iquique_02_EW	0.25 0	105.35
	3	US_1992_Petrolia_02_360	0.34 6	174.31	JP_2009_Shizuoca_01_N S	0.67 4	233.58	JP_2000_Tottori_01_EW	0.79 1	709.90	CH_2012_GO05_NS	0.25 0	74.64	JP_2004_27OCT_01_EW	0.25 0	75.66	JP_1997_Kagoshima_EW	0.25 0	141.08
	4	JP_2016_Kumamoto_04_ EW	0.38 1	189.23	US_1992_Big Bear_360	0.55 1	254.56	JP_2000_Tottori_05_NS	0.41 3	318.86	JP_2004_27OCT_01_EW	0.25 0	75.66	JP_2000_Tottori_04_EW	0.25 0	76.57	JP_2000_Tottori_05_EW	0.25 0	133.75
	5	JP_2011_Fukushima_04_ NS	0.38 7	205.90	JP_2016_Kumamoto_04_ NS	0.43 8	262.15	JP_2004_14DEC_EW	0.31 0	414.52	JP_2000_Tottori_04_EW	0.25 0	76.57	JP_2009_Shizuoca_01_EW	0.25 0	79.70	JP_2004_27OCT_01_EW	0.25 0	75.66
	6	US_1989_Loma Prieta_02_90	0.34 8	213.26	JP_2013_25FEB_EW	0.30 8	262.45	JP_2004_27OCT_02_EW	0.45 8	325.03	PE_2012_14MAY_EW	0.25 0	77.55	JP_2004_29NOV_01_NS	0.25 0	85.71	JP_2004_27OCT_02_EW	0.25 0	153.62
	7	JP_2011_Fukushima_04_ EW	0.46 4	220.11	JP_2013_25FEB_NS	0.30 2	303.81	JP_2004_Chuet-su_07_NS	0.62 2	619.25	JP_2021_Miyagi_02_EW	0.25 0	79.05	JP_2004_27OCT_01_NS	0.25 0	86.11	JP_2004_Chuet-su_07_NS	0.25 0	219.09
	8	JP_2011_12APR_EW	0.53 3	222.73	JP_2004_Chuet-su_04_EW	0.38 1	306.65	JP_2011_15MAR_NS	0.58 4	486.73	JP_2009_Shizuoca_01_E W	0.25 0	79.70	JP_2018_Osake_NS	0.25 0	87.76	JP_2007_Noto_02_NS	0.25 0	313.43
	9	JP_2009_Shizuoca_01_N S	0.67 4	233.58	JP_2018_Hokkaido_04_E W	0.29 8	308.02	JP_2016_Kumamoto_04_E W	0.38 1	189.23	PE_2012_14MAY_NS	0.25 0	80.99	JP_2011_Fukushima_06_EW	0.25 0	89.73	JP_2008_Iwate_04_EW	0.25 0	542.85
	10	US_1992_Big Bear_360	0.55 1	254.56	JP_2011_Fukushima_06_ EW	0.68 1	308.26	JP_2018_Hokkaido_02_EW	0.80 3	1050.82	CH_2014_Iquique_02_NS	0.25 0	83.81	US_1992_Big Bear_360	0.25 0	90.03	JP_2008_Iwate_04_NS	0.25 0	1202.72
	11	JP_2016_Kumamoto_04_ NS	0.43 8	262.15	JP_2004_27OCT_01_EW	1.27 1	314.61	JP_2018_Hokkaido_03_EW	0.31 8	345.20	JP_2004_29NOV_01_NS	0.25 0	85.71	JP_2012_25AGO_EW	0.25 0	90.14	JP_2016_Kumamoto_05_E W	0.25 0	212.87
	12	JP_2013_25FEB_EW	0.30 8	262.45	JP_2000_Tottori_05_NS	0.41 3	318.86	JP_2018_Hokkaido_04_EW	0.29 8	308.02	JP_2004_27OCT_01_NS	0.25 0	86.11	JP_2004_29NOV_01_EW	0.25 0	90.36	JP_2016_Kumamoto_06_N S	0.25 0	445.16
	13	JP_2009_Shizuoca_01_E W	0.73 9	263.49	JP_2000_Tottori_02_NS	0.40 6	320.31	TW_1999_ChiChi_01_90	0.42 8	1059.37	JP_2018_Osake_NS	0.25 0	87.76	JP_2011_12APR_NS	0.25 0	90.95	PE_2012_14MAY_EW	0.25 0	77.55
	14	JP_2016_14APR_NS	0.74 3	270.73	JP_2009_Shizuoca_03_E W	0.81 4	336.21	TW_1999_ChiChi_08_360	0.73 0	629.11	JP_2011_19MAR_02_NS	0.25 0	87.76	JP_2009_Shizuoca_03_EW	0.25 0	92.24	PE_2012_14MAY_NS	0.25 0	80.99
	15	JP_2008_Iwate_02_NS	0.32 0	273.90	JP_2018_Hokkaido_03_E W	0.31 8	345.20	TW_1999_ChiChi_10_90	0.47 7	751.56	JP_2011_Fukushima_06_ EW	0.25 0	89.73	JP_2016_14APR_NS	0.25 0	93.35	TW_1999_ChiChi_08_360	0.25 0	186.22
	16	JP_2000_Tottori_05_EW	0.53 4	287.14	JP_2009_Shizuoca_03_N S	0.85 2	347.14	US_1989_Loma Prieta_03_0	0.73 5	544.29	US_1992_Big Bear_360	0.25 0	90.03	US_1987_WhittierNarrows_01_ 360	0.25 0	93.71	TW_1999_ChiChi_08_90	0.25 0	245.51
	17	JP_2013_25FEB_NS	0.30 2	303.81	JP_2018_Osake_NS	0.77 1	368.72	US_1989_Loma Prieta_04_0	0.45 7	501.71	JP_2012_25AGO_EW	0.25 0	90.14	JP_2009_Shizuoca_03_NS	0.25 0	95.30	US_1989_Loma Prieta_01_90	0.25 0	151.08
	18	JP_2004_Chuet-su_04_EW	0.38 1	306.65	JP_2004_29NOV_01_NS	1.14 4	373.42	US_1989_Loma Prieta_05_285	0.84 1	762.42	JP_2004_29NOV_01_EW	0.25 0	90.36	JP_2011_Fukushima_06_NS	0.25 0	95.32	US_1989_Loma Prieta_03_0	0.25 0	143.00
	19	JP_2018_Hokkaido_04_E W	0.29 8	308.02	JP_2018_Osake_EW	0.44 7	385.42	US_1992_Petrolia_02_360	0.34 6	174.31	JP_2011_12APR_NS	0.25 0	90.95	JP_2003_Miyagi_02_EW	0.25 0	100.35	US_1992_Petrolia_02_270	0.25 0	187.03
	20	JP_2011_Fukushima_06_ EW	0.68 1	308.26	JP_2018_Hokkaido_04_N S	0.33 1	402.45	US_1994_Northridge_03_9 0	0.58 3	1078.18	JP_2011_19MAR_01_NS	0.25 0	92.05	JP_2011_12APR_EW	0.25 0	100.39	US_1994_Northridge_02_3 60	0.25 0	243.54
MSE	1	US_1989_Loma Prieta_02_90	0.34 8	9409.15	JP_2011_Fukushima_04_ EW	0.46 4	11071.6 6	CH_2012_GO05_EW	1.41 8	42896.18	JP_2011_Fukushima_04_ EW	0.35 5	5270.69	JP_2011_Fukushima_04_EW	0.35 5	5270.69	CH_2014_Iquique_02_EW	0.85 8	26885.8 3
	2	JP_2011_Fukushima_04_ EW	0.46 4	11071.6 6	JP_2018_Hokkaido_03_E W	0.31 8	24539.8 0	CH_2014_Iquique_02_EW	2.63 1	203173.2 9	US_1989_Loma Prieta_02_90	0.28 0	6184.16	US_1989_Loma Prieta_02_90	0.28 0	6184.16	JP_1997_Kagoshima_EW	0.25 8	24014.5 5
	3	US_1992_Petrolia_02_360	0.34 6	15189.4 3	JP_2011_12APR_EW	0.53 3	25317.8 9	JP_2000_Tottori_01_EW	0.79 1	285844.0 2	US_1992_Petrolia_02_360	0.25 0	6632.91	US_1992_Petrolia_02_360	0.25 0	6632.91	JP_2000_Tottori_02_EW	0.25 0	35278.9 0

	4	JP_2004_27OCT_02_EW	0.45 8	19134.1 3	US_1989_Loma Prieta_01_0	0.38 0	29170.6 5	JP_2000_Tottori_05_NS	0.41 3	79492.66	JP_2011_12APR_EW	0.34 8	8453.86	JP_2011_12APR_EW	0.34 8	8453.86	JP_2000_Tottori_05_EW	0.25 0	29060.0 3
	5	JP_2018_Hokkaido_03_E W	0.31 8	24539.8 0	JP_2018_Hokkaido_04_E W	0.29 8	29742.3 0	JP_2004_14DEC_EW	0.31 0	78955.71	JP_2004_27OCT_02_EW	0.32 5	8830.85	JP_2004_27OCT_02_EW	0.32 5	8830.85	JP_2004_27OCT_01_EW	0.46 8	27783.0 1
	6	JP_2011_12APR_EW	0.53 3	25317.8 9	JP_2016_Kumamoto_04_ NS	0.43 8	36158.9 2	JP_2004_27OCT_02_EW	0.45 8	19134.13	JP_2018_Hokkaido_03_E W	0.25 0	9771.68	JP_2018_Hokkaido_03_EW	0.25 0	9771.68	JP_2004_29NOV_01_NS	0.48 3	23436.8 2
	7	JP_2016_Kumamoto_04_ EW	0.38 1	28682.8 7	JP_2004_27OCT_02_NS	1.35 8	42798.0	JP_2004_Chuettsu_07_NS	0.62 2	71163.65	US_1989_Loma Prieta_01_0	0.25 0	10286.8 0	US_1989_Loma Prieta_01_0	0.25 0	10286.8 0	JP_2007_Noto_02_NS	0.29 5	24231.7 4
	8	US_1989_Loma Prieta_01_0	0.38 0	29170.6 5	CH_2012_GO05_EW	1.41 8	42896.1 8	JP_2011_15MAR_NS	0.58 4	186477.0 7	US_1989_Loma Prieta_04_0	0.25 0	11461.4 7	US_1989_Loma Prieta_04_0	0.25 0	11461.4 7	JP_2008_Iwate_04_EW	0.25 0	53920.8 5
	9	JP_2018_Hokkaido_04_E W	0.29 8	29742.3 0	JP_2009_Shizuoca_03_E W	0.81 4	55863.0 9	JP_2016_Kumamoto_04_E W	0.38 1	28682.87	JP_2004_27OCT_02_NS	0.78 3	12121.3 7	JP_2004_27OCT_02_NS	0.78 3	12121.3 7	JP_2008_Iwate_04_NS	0.25 0	39452.6 7
	10	JP_2016_14APR_EW	0.51 2	30966.4 2	JP_2004_Chuettsu_07_EW	0.45 3	58055.1 1	JP_2018_Hokkaido_02_EW	0.80 3	187572.1 9	JP_2011_Fukushima_04_ NS	0.25 0	12572.3 7	JP_2011_Fukushima_04_NS	0.25 0	12572.3 7	JP_2011_Fukushima_06_N S	0.33 3	21826.7 7
	11	JP_2016_Kumamoto_04_ NS	0.43 8	36158.9 2	JP_2013_25FEB_EW	0.30 8	62934.5 3	JP_2018_Hokkaido_03_EW	0.31 8	24539.80	CH_2012_GO05_EW	0.81 3	13030.3 8	CH_2012_GO05_EW	0.81 3	13030.3 8	JP_2016_Kumamoto_06_E W	0.28 8	20638.2 2
	12	JP_2011_Fukushima_04_ NS	0.38 7	40461.0 1	JP_2018_Hokkaido_04_N S	0.33 1	63833.4 4	JP_2018_Hokkaido_04_EW	0.29 8	29742.30	JP_2016_Kumamoto_04_ EW	0.25 0	13466.8 9	JP_2016_Kumamoto_04_EW	0.25 0	13466.8 9	PE_2012_14MAY_NS	1.66 7	19340.8 4
	13	JP_2004_27OCT_02_NS	1.35 8	42798.0 4	TW_1999_ChiChi_08_360	0.73 0	70735.7 0	TW_1999_ChiChi_01_90	0.42 8	118493.7 5	JP_2009_Shizuoca_01_N S	0.28 0	13789.6 7	JP_2009_Shizuoca_01_NS	0.28 0	13789.6 7	TW_1999_ChiChi_08_360	0.36 3	14671.7 5
	14	CH_2012_GO05_EW	1.41 8	42896.1 8	JP_2004_Chuettsu_07_NS	0.62 2	71163.6 5	TW_1999_ChiChi_08_360	0.73 0	70735.70	TW_1999_ChiChi_08_360	0.36 3	14671.7 5	TW_1999_ChiChi_08_360	0.36 3	14671.7 5	TW_1999_ChiChi_08_90	0.25 0	22942.8 4
	15	JP_2009_Shizuoca_03_E W	0.81 4	55863.0 9	PE_2012_14MAY_NS	3.39 1	71779.7 8	TW_1999_ChiChi_10_90	0.47 7	151762.5 5	JP_2018_Osake_NS	0.34 8	15011.0 8	JP_2018_Osake_NS	0.34 8	15011.0 8	US_1989_Loma Prieta_01_90	0.30 3	19027.7 9
	16	JP_2016_14APR_NS	0.74 3	57367.9 4	US_1989_Loma Prieta_04_0	0.45 7	72176.8 6	US_1989_Loma Prieta_03_0	0.73 5	240535.4 7	JP_2009_Shizuoca_03_E W	0.43 0	15061.4 3	JP_2009_Shizuoca_03_EW	0.43 0	15061.4 3	US_1989_Loma Prieta_02_90	0.28 0	6184.16
	17	JP_2004_Chuettsu_07_EW	0.45 3	58055.1 1	US_1989_Loma Prieta_01_90	0.63 0	77544.3 8	US_1989_Loma Prieta_04_0	0.45 7	72176.86	JP_2004_27OCT_03_NS	0.25 0	15196.0 8	JP_2004_27OCT_03_NS	0.25 0	15196.0 8	US_1989_Loma Prieta_03_0	0.25 0	26610.7 4
	18	JP_2013_25FEB_EW	0.30 8	62934.5 3	JP_2004_14DEC_EW	0.31 0	78955.7 1	US_1989_Loma Prieta_05_285	0.84 1	137441.7 7	JP_2016_Kumamoto_04_ NS	0.26 5	15341.8 3	JP_2016_Kumamoto_04_NS	0.26 5	15341.8 3	US_1989_Loma Prieta_05_195	0.72 3	25559.0 3
	19	JP_2018_Hokkaido_04_N S	0.33 1	63833.4 4	JP_2000_Tottori_05_NS	0.41 3	79492.6 6	US_1992_Petrolia_02_360	0.34 6	15189.43	JP_2009_Shizuoca_02_E W	0.38 5	15731.0 6	JP_2009_Shizuoca_02_EW	0.38 5	15731.0 6	US_1989_Loma Prieta_05_285	0.32 5	20704.5 0
	20	TW_1999_ChiChi_08_360	0.73 0	70735.7 0	JP_2016_Kumamoto_01_ EW	0.44 2	84233.7 7	US_1994_Northridge_03_9 0	0.58 3	233325.0 8	JP_2018_Hokkaido_03_N S	0.25 0	15771.9 5	JP_2018_Hokkaido_03_NS	0.25 0	15771.9 5	US_1989_Loma Prieta_06_90	0.41 5	21746.8 9
RMS E	1	US_1989_Loma Prieta_02_90	0.34 8	97.00	JP_2011_Fukushima_04_ EW	0.46 4	105.22	CH_2012_GO05_EW	1.41 8	207.11	JP_2011_Fukushima_04_ EW	0.35 5	72.60	JP_2011_Fukushima_04_EW	0.35 5	72.60	CH_2014_Iquique_02_EW	0.85 8	163.97
	2	JP_2011_Fukushima_04_ EW	0.46 4	105.22	JP_2018_Hokkaido_03_E W	0.31 8	156.65	CH_2014_Iquique_02_EW	2.63 1	450.75	US_1989_Loma Prieta_02_90	0.28 0	78.64	US_1989_Loma Prieta_02_90	0.28 0	78.64	JP_1997_Kagoshima_EW	0.25 8	154.97
	3	US_1992_Petrolia_02_360	0.34 6	123.25	JP_2011_12APR_EW	0.53 3	159.12	JP_2000_Tottori_01_EW	0.79 1	534.64	US_1992_Petrolia_02_360	0.25 0	81.44	US_1992_Petrolia_02_360	0.25 0	81.44	JP_2000_Tottori_02_EW	0.25 0	187.83
	4	JP_2004_27OCT_02_EW	0.45 8	138.33	US_1989_Loma Prieta_01_0	0.38 0	170.79	JP_2000_Tottori_05_NS	0.41 3	281.94	JP_2011_12APR_EW	0.34 8	91.94	JP_2011_12APR_EW	0.34 8	91.94	JP_2000_Tottori_05_EW	0.25 0	170.47
	5	JP_2018_Hokkaido_03_E W	0.31 8	156.65	JP_2018_Hokkaido_04_E W	0.29 8	172.46	JP_2004_14DEC_EW	0.31 0	280.99	JP_2004_27OCT_02_EW	0.32 5	93.97	JP_2004_27OCT_02_EW	0.32 5	93.97	JP_2004_27OCT_01_EW	0.46 8	166.68
	6	JP_2011_12APR_EW	0.53 3	159.12	JP_2016_Kumamoto_04_ NS	0.43 8	190.15	JP_2004_27OCT_02_EW	0.45 8	138.33	JP_2018_Hokkaido_03_E W	0.25 0	98.85	JP_2018_Hokkaido_03_EW	0.25 0	98.85	JP_2004_29NOV_01_NS	0.48 3	153.09
	7	JP_2016_Kumamoto_04_ EW	0.38 1	169.36	JP_2004_27OCT_02_NS	1.35 8	206.88	JP_2004_Chuettsu_07_NS	0.62 2	266.77	US_1989_Loma Prieta_01_0	0.25 0	101.42	US_1989_Loma Prieta_01_0	0.25 0	101.42	JP_2007_Noto_02_NS	0.29 5	155.67
	8	US_1989_Loma Prieta_01_0	0.38 0	170.79	CH_2012_GO05_EW	1.41 8	207.11	JP_2011_15MAR_NS	0.58 4	431.83	US_1989_Loma Prieta_04_0	0.25 0	107.06	US_1989_Loma Prieta_04_0	0.25 0	107.06	JP_2008_Iwate_04_EW	0.25 0	232.21
	9	JP_2018_Hokkaido_04_E W	0.29 8	172.46	JP_2009_Shizuoca_03_E W	0.81 4	236.35	JP_2016_Kumamoto_04_E W	0.38 1	169.36	JP_2004_27OCT_02_NS	0.78 3	110.10	JP_2004_27OCT_02_NS	0.78 3	110.10	JP_2008_Iwate_04_NS	0.25 0	198.63
	10	JP_2016_14APR_EW	0.51 2	175.97	JP_2004_Chuettsu_07_EW	0.45 3	240.95	JP_2018_Hokkaido_02_EW	0.80 3	433.10	JP_2011_Fukushima_04_ NS	0.25 0	112.13	JP_2011_Fukushima_04_NS	0.25 0	112.13	JP_2011_Fukushima_06_N S	0.33 3	147.74
	11	JP_2016_Kumamoto_04_ NS	0.43 8	190.15	JP_2013_25FEB_EW	0.30 8	250.87	JP_2018_Hokkaido_03_EW	0.31 8	156.65	CH_2012_GO05_EW	0.81 3	114.15	CH_2012_GO05_EW	0.81 3	114.15	JP_2016_Kumamoto_06_E W	0.28 8	143.66
	12	JP_2011_Fukushima_04_ NS	0.38 7	201.15	JP_2018_Hokkaido_04_N S	0.33 1	252.65	JP_2018_Hokkaido_04_EW	0.29 8	172.46	JP_2016_Kumamoto_04_ EW	0.25 0	116.05	JP_2016_Kumamoto_04_EW	0.25 0	116.05	PE_2012_14MAY_NS	1.66 7	139.07
	13	JP_2004_27OCT_02_NS	1.35 8	206.88	TW_1999_ChiChi_08_360	0.73 0	265.96	TW_1999_ChiChi_01_90	0.42 8	344.23	JP_2009_Shizuoca_01_N S	0.28 0	117.43	JP_2009_Shizuoca_01_NS	0.28 0	117.43	TW_1999_ChiChi_08_360	0.36 3	121.13
	14	CH_2012_GO05_EW	1.41 8	207.11	JP_2004_Chuettsu_07_NS	0.62 2	266.77	TW_1999_ChiChi_08_360	0.73 0	265.96	TW_1999_ChiChi_08_360	0.36 3	121.13	TW_1999_ChiChi_08_360	0.36 3	121.13	TW_1999_ChiChi_08_90	0.25 0	151.47
	15	JP_2009_Shizuoca_03_E W	0.81 4	236.35	PE_2012_14MAY_NS	3.39 1	267.92	TW_1999_ChiChi_10_90	0.47 7	389.57	JP_2018_Osake_NS	0.34 8	122.52	JP_2018_Osake_NS	0.34 8	122.52	US_1989_Loma Prieta_01_90	0.30 3	137.94
	16	JP_2016_14APR_NS	0.74 3	239.52	US_1989_Loma Prieta_04_0	0.45 7	268.66	US_1989_Loma Prieta_03_0	0.73 5	490.44	JP_2009_Shizuoca_03_E W	0.43 0	122.73	JP_2009_Shizuoca_03_EW	0.43 0	122.73	US_1989_Loma Prieta_02_90	0.28 0	78.64
	17	JP_2004_Chuettsu_07_EW	0.45 3	240.95	US_1989_Loma Prieta_01_90	0.63 0	278.47	US_1989_Loma Prieta_04_0	0.45 7	268.66	JP_2004_27OCT_03_NS	0.25 0	123.27	JP_2004_27OCT_03_NS	0.25 0	123.27	US_1989_Loma Prieta_03_0	0.25 0	163.13
	18	JP_2013_25FEB_EW	0.30 8	250.87	JP_2004_14DEC_EW	0.31 0	280.99	US_1989_Loma Prieta_05_285	0.84 1	370.73	JP_2016_Kumamoto_04_ NS	0.26 5	123.86	JP_2016_Kumamoto_04_NS	0.26 5	123.86	US_1989_Loma Prieta_05_195	0.72 3	159.87
	19	JP_2018_Hokkaido_04_N S	0.33 1	252.65	JP_2000_Tottori_05_NS	0.41 3	281.94	US_1992_Petrolia_02_360	0.34 6	123.25	JP_2009_Shizuoca_02_E W	0.38 5	125.42	JP_2009_Shizuoca_02_EW	0.38 5	125.42	US_1989_Loma Prieta_05_285	0.32 5	143.89
	20	TW_1999_ChiChi_08_360	0.73 0	265.96	JP_2016_Kumamoto_01_ EW	0.44 2	290.23	US_1994_Northridge_03_9 0	0.58 3	483.04	JP_2018_Hokkaido_03_N S	0.25 0	125.59	JP_2018_Hokkaido_03_NS	0.25 0	125.59	US_1989_Loma Prieta_06_90	0.41 5	147.47

REGISTROS SELECCIONADOS CASO Ymr-I T=0.40s - TSemc-tr-975																			
Caso:		TSemc-tr-975_NSp_Sbs			TSemc-tr-975_NSp_Sci			TSemc-tr-975_NSp_Ssr			TSemc-tr-975_NSr_Sbs			TSemc-tr-975_NSr_Sci			TSemc-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	US_1989_Loma Prieta_02_90	0.459	94.33	JP_2011_Fukushima_04_EW	0.612	109.60	CH_2012_GO05_EW	1.871	224.39	US_1992_Petrolia_02_360	0.265	67.70	US_1992_Petrolia_02_360	0.265	67.70	CH_2012_GO05_EW	1.121	114.66
	2	JP_2011_Fukushima_04_EW	0.612	109.60	JP_2011_12APR_EW	0.703	154.00	CH_2014_Iquique_02_EW	3.472	494.47	JP_2011_Fukushima_04_EW	0.408	74.18	JP_2011_Fukushima_04_EW	0.408	74.18	CH_2012_GO05_NS	1.212	148.46
	3	US_1992_Petrolia_02_360	0.456	146.55	JP_2018_Hokkaido_03_EW	0.419	176.42	JP_2000_Tottori_01_EW	1.044	559.38	US_1989_Loma Prieta_02_90	0.400	76.39	US_1989_Loma Prieta_02_90	0.400	76.39	CH_2014_Iquique_02_EW	0.940	145.41
	4	JP_2016_14APR_EW	0.675	146.99	JP_2016_Kumamoto_04_NS	0.578	189.98	JP_2000_Tottori_05_NS	0.545	293.09	JP_2018_Hokkaido_03_EW	0.250	81.52	JP_2018_Hokkaido_03_EW	0.250	81.52	JP_1997_Kagoshima_EW	0.258	127.62
	5	JP_2011_12APR_EW	0.703	154.00	JP_2013_25FEB_EW	0.407	202.02	JP_2004_14DEC_EW	0.409	296.58	JP_2011_12APR_EW	0.430	93.88	JP_2011_12APR_EW	0.430	93.88	JP_2000_Tottori_01_EW	0.265	141.39
	6	JP_2016_Kumamoto_01_NS	0.298	154.72	JP_2018_Hokkaido_04_EW	0.393	207.65	JP_2004_27OCT_02_EW	0.604	161.52	US_1989_Loma Prieta_04_0	0.250	96.43	US_1989_Loma Prieta_04_0	0.250	96.43	JP_2000_Tottori_02_EW	0.250	166.79
	7	JP_2004_27OCT_02_EW	0.604	161.52	US_1989_Loma Prieta_01_0	0.501	209.08	JP_2004_Chuet-su_06_EW	0.521	387.33	JP_2011_Fukushima_04_NS	0.258	96.80	JP_2011_Fukushima_04_NS	0.258	96.80	JP_2000_Tottori_05_EW	0.250	165.82
	8	JP_2011_Fukushima_04_NS	0.511	166.76	JP_2004_27OCT_02_NS	1.793	218.11	JP_2004_Chuet-su_07_EW	0.598	258.89	JP_2004_27OCT_02_EW	0.340	99.06	JP_2004_27OCT_02_EW	0.340	99.06	JP_2008_Iwate_04_EW	0.250	203.96
	9	JP_2018_Hokkaido_03_EW	0.419	176.42	CH_2012_GO05_EW	1.871	224.39	JP_2011_15MAR_NS	0.771	481.33	JP_2018_Hokkaido_03_NS	0.250	100.79	JP_2018_Hokkaido_03_NS	0.250	100.79	JP_2008_Iwate_04_NS	0.250	187.10
	10	JP_2016_Kumamoto_04_EW	0.502	177.24	JP_2011_15MAR_EW	0.267	237.20	JP_2011_Fukushima_04_EW	0.612	109.60	US_1989_Loma Prieta_01_0	0.265	103.70	US_1989_Loma Prieta_01_0	0.265	103.70	JP_2009_Shizuoca_03_EW	0.610	112.69
	11	JP_2016_Kumamoto_04_NS	0.578	189.98	JP_2009_Shizuoca_03_EW	1.074	242.13	JP_2016_Kumamoto_01_EW	0.584	341.83	JP_2009_Shizuoca_01_NS	0.295	104.27	JP_2009_Shizuoca_01_NS	0.295	104.27	JP_2016_Kumamoto_06_EW	0.280	138.64
	12	JP_2013_25FEB_EW	0.407	202.02	JP_2018_Hokkaido_07_EW	0.290	248.15	JP_2018_Hokkaido_02_EW	1.060	520.74	JP_2004_27OCT_02_NS	0.925	106.41	JP_2004_27OCT_02_NS	0.925	106.41	JP_2018_Hokkaido_02_EW	0.288	126.53
	13	JP_2018_Hokkaido_04_EW	0.393	207.65	JP_2004_Chuet-su_07_EW	0.598	258.89	JP_2018_Hokkaido_04_EW	0.393	207.65	JP_2016_Kumamoto_04_EW	0.250	106.73	JP_2016_Kumamoto_04_EW	0.250	106.73	TW_1999_ChiChi_08_360	0.385	113.24
	14	US_1989_Loma Prieta_01_0	0.501	209.08	JP_2000_Tottori_02_NS	0.536	287.58	JP_2018_Hokkaido_04_NS	0.437	288.25	US_1992_Big Bear_360	0.265	110.15	US_1992_Big Bear_360	0.265	110.15	TW_1999_ChiChi_08_90	0.250	137.93
	15	JP_2004_27OCT_02_NS	1.793	218.11	JP_2018_Hokkaido_04_NS	0.437	288.25	JP_2018_Hokkaido_07_EW	0.290	248.15	JP_2004_27OCT_03_NS	0.295	111.15	JP_2004_27OCT_03_NS	0.295	111.15	US_1989_Loma Prieta_01_90	0.258	134.45
	16	CH_2012_GO05_EW	1.871	224.39	JP_2004_Chuet-su_07_NS	0.820	290.87	TW_1999_ChiChi_08_360	0.964	301.86	JP_2018_Hokkaido_04_EW	0.250	111.69	JP_2018_Hokkaido_04_EW	0.250	111.69	US_1989_Loma Prieta_03_0	0.250	138.58
	17	JP_2000_Tottori_05_EW	0.704	228.85	JP_2000_Tottori_05_NS	0.545	293.09	US_1989_Loma Prieta_01_90	0.832	307.86	JP_2009_Shizuoca_02_EW	0.393	112.12	JP_2009_Shizuoca_02_EW	0.393	112.12	US_1989_Loma Prieta_05_285	0.280	132.38
	18	JP_2016_14APR_NS	0.981	236.18	JP_2004_Chuet-su_04_EW	0.502	294.98	US_1989_Loma Prieta_04_0	0.603	320.30	JP_2009_Shizuoca_03_EW	0.610	112.69	JP_2009_Shizuoca_03_EW	0.610	112.69	US_1989_Loma Prieta_06_90	0.438	145.78
	19	JP_2011_15MAR_EW	0.267	237.20	JP_2004_14DEC_EW	0.409	296.58	US_1992_Petrolia_02_360	0.456	146.55	JP_2018_Osake_NS	0.340	112.99	JP_2018_Osake_NS	0.340	112.99	US_1992_Petrolia_02_270	0.348	131.38
	20	JP_2009_Shizuoca_03_EW	1.074	242.13	JP_2004_29NOV_01_NS	1.510	299.08	US_1994_Northridge_03_90	0.769	556.49	TW_1999_ChiChi_08_360	0.385	113.24	TW_1999_ChiChi_08_360	0.385	113.24	US_1994_Northridge_01_90	0.408	142.87
MAP E	1	JP_2016_14APR_EW	0.675	165.67	JP_2011_15MAR_EW	0.267	225.27	CH_2012_GO05_EW	1.871	608.21	JP_2009_Shizuoca_01_NS	0.250	66.24	JP_2009_Shizuoca_01_NS	0.250	66.24	CH_2012_GO05_EW	0.250	104.21
	2	JP_2021_Miyagi_02_NS	0.486	177.99	JP_2011_Fukushima_04_EW	0.612	260.70	CH_2014_Iquique_02_EW	3.472	1168.15	JP_2016_14APR_EW	0.250	68.37	JP_2016_14APR_EW	0.250	68.37	CH_2014_Iquique_02_EW	0.250	102.19
	3	US_1992_Petrolia_02_360	0.456	204.40	JP_2011_12APR_EW	0.703	262.95	JP_2000_Tottori_01_EW	1.044	815.63	JP_2000_Tottori_04_EW	0.250	73.08	JP_2000_Tottori_04_EW	0.250	73.08	JP_1997_Kagoshima_EW	0.250	117.26
	4	JP_2016_Kumamoto_04_EW	0.502	220.78	JP_2009_Shizuoca_01_NS	0.889	270.06	JP_2000_Tottori_05_NS	0.545	368.62	JP_2009_Shizuoca_01_EW	0.250	73.36	JP_2009_Shizuoca_01_EW	0.250	73.36	JP_2000_Tottori_05_EW	0.250	119.91
	5	JP_2011_15MAR_EW	0.267	225.27	JP_2018_Hokkaido_07_EW	0.290	283.83	JP_2004_14DEC_EW	0.409	478.08	JP_2004_27OCT_01_EW	0.250	73.52	JP_2004_27OCT_01_EW	0.250	73.52	JP_2004_27OCT_01_EW	0.250	73.52
	6	JP_2011_Fukushima_04_NS	0.511	243.49	US_1992_Big Bear_360	0.728	293.33	JP_2004_27OCT_02_EW	0.604	379.02	JP_2021_Miyagi_02_EW	0.250	75.38	US_1992_Big Bear_360	0.250	77.08	JP_2004_27OCT_02_EW	0.250	133.37
	7	US_1989_Loma Prieta_02_90	0.459	251.96	JP_2016_Kumamoto_04_NS	0.578	305.61	JP_2004_Chuet-su_06_EW	0.521	757.79	CH_2012_GO05_NS	0.258	76.28	JP_2012_25AGO_EW	0.250	80.12	JP_2004_Chuet-su_07_NS	0.250	192.85
	8	JP_2011_Fukushima_04_EW	0.612	260.70	JP_2013_25FEB_EW	0.407	306.97	JP_2004_Chuet-su_07_EW	0.598	549.30	US_1992_Big Bear_360	0.250	77.08	JP_2018_Osake_NS	0.250	80.48	JP_2007_Noto_02_NS	0.250	273.04

	9	JP_2011_12APR_EW	0.70 3	262.95	JP_2013_25FEB_NS	0.39 8	349.56	JP_2011_15MAR_NS	0.77 1	552.93	PE_2012_14MAY_EW	0.25 0	77.84	JP_2004_27OCT_01_NS	0.25 0	81.37	JP_2008_Iwate_04_EW	0.25 0	478.95
	10	JP_2009_Shizuoca_01_N S	0.88 9	270.06	JP_2018_Hokkaido_04_E W	0.39 3	356.16	JP_2011_Fukushima_04_ EW	0.61 2	260.70	JP_2021_Miyagi_02_NS	0.25 0	79.75	JP_2004_29NOV_01_NS	0.25 0	82.12	JP_2008_Iwate_04_NS	0.25 0	1067.11
	11	JP_2018_Hokkaido_07_E W	0.29 0	283.83	JP_2004_Chuettsu_04_E W	0.50 2	356.48	JP_2016_Kumamoto_01_ EW	0.58 4	1066.88	JP_2012_25AGO_EW	0.25 0	80.12	US_1987_WhittierNarrows_01 360	0.25 0	83.40	JP_2016_Kumamoto_05_EW	0.25 0	188.61
	12	US_1992_Big Bear_360	0.72 8	293.33	JP_2011_Fukushima_06_ EW	0.89 9	356.83	JP_2018_Hokkaido_02_E W	1.06 0	1210.46	JP_2018_Osake_NS	0.25 0	80.48	JP_2004_29NOV_01_EW	0.25 0	83.91	JP_2016_Kumamoto_06_NS	0.25 0	388.24
	13	JP_2009_Shizuoca_01_E W	0.97 5	301.81	JP_2004_27OCT_01_EW	1.67 7	363.54	JP_2018_Hokkaido_04_E W	0.39 3	356.16	JP_2004_27OCT_01_NS	0.25 0	81.37	US_1992_Petrolia_02_360	0.25 0	83.97	PE_2012_14MAY_EW	0.25 0	77.84
	14	JP_2016_Kumamoto_04_ NS	0.57 8	305.61	JP_2000_Tottori_05_NS	0.54 5	368.62	JP_2018_Hokkaido_04_N S	0.43 7	462.12	JP_2004_29NOV_01_NS	0.25 0	82.12	JP_2011_Fukushima_06_EW	0.25 0	84.23	PE_2012_14MAY_NS	0.25 0	82.21
	15	JP_2013_25FEB_EW	0.40 7	306.97	JP_2000_Tottori_02_NS	0.53 6	372.00	JP_2018_Hokkaido_07_E W	0.29 0	283.83	PE_2012_14MAY_NS	0.25 0	82.21	JP_2016_Kumamoto_04_EW	0.25 0	85.15	TW_1999_ChiChi_08_360	0.25 0	167.30
	16	JP_2008_Iwate_02_NS	0.42 2	313.84	JP_2009_Shizuoca_03_E W	1.07 4	390.77	TW_1999_ChiChi_08_36 0	0.96 4	728.70	JP_2011_19MAR_02_NS	0.25 0	82.56	JP_2009_Shizuoca_03_NS	0.25 0	86.32	TW_1999_ChiChi_08_90	0.25 0	209.39
	17	JP_2016_14APR_NS	0.98 1	314.67	JP_2009_Shizuoca_03_N S	1.12 4	397.14	US_1989_Loma Prieta_01_90	0.83 2	524.94	US_1987_WhittierNarrows_01 360	0.25 0	83.40	JP_2011_12APR_NS	0.25 0	86.76	US_1989_Loma Prieta_01_90	0.25 0	127.55
	18	JP_2000_Tottori_05_EW	0.70 4	334.64	JP_2018_Hokkaido_03_E W	0.41 9	405.04	US_1989_Loma Prieta_04_0	0.60 3	578.51	JP_2004_29NOV_01_EW	0.25 0	83.91	JP_2009_Shizuoca_03_EW	0.25 0	88.66	US_1989_Loma Prieta_03_0	0.25 0	119.79
	19	JP_2013_25FEB_NS	0.39 8	349.56	JP_2018_Osake_NS	1.01 8	424.94	US_1992_Petrolia_02_36 0	0.45 6	204.40	US_1992_Petrolia_02_360	0.25 0	83.97	JP_2016_14APR_NS	0.25 0	89.63	US_1992_Petrolia_02_270	0.25 0	162.02
	20	JP_2018_Hokkaido_04_E W	0.39 3	356.16	JP_2004_29NOV_01_NS	1.51 0	432.61	US_1994_Northridge_03_ 90	0.76 9	1241.60	JP_2011_Fukushima_06_EW	0.25 0	84.23	JP_2011_Fukushima_06_NS	0.25 0	90.76	US_1994_Northridge_02_360	0.25 0	218.08
MSE	1	US_1989_Loma Prieta_02_90	0.45 9	18397.2 0	JP_2011_Fukushima_04_ EW	0.61 2	22034.2 9	CH_2012_GO05_EW	1.87 1	79855.6 5	JP_2011_Fukushima_04_EW	0.45 3	9918.11	JP_2011_Fukushima_04_EW	0.45 3	9918.11	CH_2012_GO05_EW	1.03 0	23230.4 8
	2	JP_2011_Fukushima_04_ EW	0.61 2	22034.2 9	JP_2018_Hokkaido_03_E W	0.41 9	46996.7 5	CH_2014_Iquique_02_E W	3.47 2	365799. 74	US_1989_Loma Prieta_02_90	0.36 3	11285.0 1	US_1989_Loma Prieta_02_90	0.36 3	11285.0 1	CH_2014_Iquique_02_EW	1.09 1	46889.5 6
	3	US_1992_Petrolia_02_36 0	0.45 6	29560.7 5	JP_2011_12APR_EW	0.70 3	48341.2 6	JP_2000_Tottori_01_EW	1.04 4	512467. 64	US_1992_Petrolia_02_360	0.32 5	12227.7 8	US_1992_Petrolia_02_360	0.32 5	12227.7 8	JP_1997_Kagoshima_EW	0.32 5	42118.5 0
	4	JP_2016_Kumamoto_01_ NS	0.29 8	33568.0 4	US_1989_Loma Prieta_01_0	0.50 1	55296.3 8	JP_2000_Tottori_05_NS	0.54 5	146158. 44	JP_2018_Hokkaido_03_EW	0.26 5	13185.7 1	JP_2018_Hokkaido_03_EW	0.26 5	13185.7 1	JP_2000_Tottori_01_EW	0.28 8	46432.5 3
	5	JP_2004_27OCT_02_EW	0.60 4	36384.3 3	JP_2018_Hokkaido_04_E W	0.39 3	56414.7 9	JP_2004_14DEC_EW	0.40 9	145108. 42	JP_2011_12APR_EW	0.44 5	15485.8 2	JP_2011_12APR_EW	0.44 5	15485.8 2	JP_2000_Tottori_02_EW	0.25 0	52914.2 8
	6	JP_2018_Hokkaido_03_E W	0.41 9	46996.7 5	JP_2016_Kumamoto_04_ NS	0.57 8	67252.8 3	JP_2004_27OCT_02_EW	0.60 4	36384.3 3	JP_2004_27OCT_02_EW	0.41 5	15825.6 8	JP_2004_27OCT_02_EW	0.41 5	15825.6 8	JP_2004_27OCT_01_EW	0.59 5	48058.8 3
	7	JP_2011_12APR_EW	0.70 3	48341.2 6	CH_2012_GO05_EW	1.87 1	79855.6 5	JP_2004_Chuettsu_06_E W	0.52 1	184114. 36	JP_2018_Hokkaido_04_EW	0.25 0	17270.6 5	JP_2018_Hokkaido_04_EW	0.25 0	17270.6 5	JP_2004_Chuettsu_07_EW	0.30 3	35503.0 5
	8	JP_2016_Kumamoto_04_ EW	0.50 2	53888.2 3	JP_2004_27OCT_02_NS	1.79 3	80096.4 7	JP_2004_Chuettsu_07_E W	0.59 8	106937. 41	US_1989_Loma Prieta_01_0	0.31 0	18537.7 5	US_1989_Loma Prieta_01_0	0.31 0	18537.7 5	JP_2008_Iwate_04_EW	0.25 0	85528.9 1
	9	US_1989_Loma Prieta_01_0	0.50 1	55296.3 8	JP_2018_Hokkaido_07_E W	0.29 0	87086.2 6	JP_2011_15MAR_NS	0.77 1	336862. 97	US_1989_Loma Prieta_04_0	0.28 8	19480.6 1	US_1989_Loma Prieta_04_0	0.28 8	19480.6 1	JP_2009_Shizuoca_03_EW	0.55 0	26795.1 3
	10	JP_2018_Hokkaido_04_E W	0.39 3	56414.7 9	JP_2011_15MAR_EW	0.26 7	89358.7 9	JP_2011_Fukushima_04_ EW	0.61 2	22034.2 9	JP_2016_Kumamoto_01_NS	0.25 0	20248.5 6	JP_2016_Kumamoto_01_NS	0.25 0	20248.5 6	JP_2016_Kumamoto_05_EW	0.52 8	51551.7 5
	11	JP_2016_14APR_EW	0.67 5	57507.8 7	JP_2009_Shizuoca_03_E W	1.07 4	103385. 14	JP_2016_Kumamoto_01_ EW	0.58 4	154453. 85	JP_2011_Fukushima_04_NS	0.28 8	21063.8 2	JP_2011_Fukushima_04_NS	0.28 8	21063.8 2	JP_2016_Kumamoto_06_EW	0.36 3	36227.0 6
	12	JP_2016_Kumamoto_04_ NS	0.57 8	67252.8 3	JP_2004_Chuettsu_07_E W	0.59 8	106937. 41	JP_2018_Hokkaido_02_E W	1.06 0	338655. 74	JP_2004_27OCT_02_NS	0.99 3	21854.5 7	JP_2004_27OCT_02_NS	0.99 3	21854.5 7	JP_2018_Hokkaido_02_EW	0.35 5	32145.4 7
	13	JP_2011_Fukushima_04_ NS	0.51 1	75083.9 9	JP_2013_25FEB_EW	0.40 7	114898. 45	JP_2018_Hokkaido_04_E W	0.39 3	56414.7 9	CH_2012_GO05_EW	1.03 0	23230.4 8	CH_2012_GO05_EW	1.03 0	23230.4 8	TW_1999_ChiChi_04_90	0.43 8	53873.3 2
	14	CH_2012_GO05_EW	1.87 1	79855.6 5	JP_2018_Hokkaido_04_N S	0.43 7	117529. 98	JP_2018_Hokkaido_04_N S	0.43 7	117529. 98	JP_2016_Kumamoto_04_EW	0.31 8	24021.5 6	JP_2016_Kumamoto_04_EW	0.31 8	24021.5 6	TW_1999_ChiChi_06_360	0.29 5	48619.4 8
	15	JP_2004_27OCT_02_NS	1.79 3	80096.4 7	TW_1999_ChiChi_08_36 0	0.96 4	130530. 07	JP_2018_Hokkaido_07_E W	0.29 0	87086.2 6	JP_2018_Hokkaido_03_NS	0.26 5	24176.1 6	JP_2018_Hokkaido_03_NS	0.26 5	24176.1 6	TW_1999_ChiChi_08_360	0.46 0	26273.5 6
	16	JP_2018_Hokkaido_07_E W	0.29 0	87086.2 6	JP_2004_Chuettsu_07_N S	0.82 0	130752. 24	TW_1999_ChiChi_08_36 0	0.96 4	130530. 07	JP_2009_Shizuoca_01_NS	0.36 3	24515.0 6	JP_2009_Shizuoca_01_NS	0.36 3	24515.0 6	US_1987_WhittierNarrows_01 270	0.44 5	51449.7 2
	17	JP_2011_15MAR_EW	0.26 7	89358.7 9	US_1989_Loma Prieta_04_0	0.60 3	133358. 91	US_1989_Loma Prieta_01_90	0.83 2	141584. 69	TW_1999_ChiChi_08_360	0.46 0	26273.5 6	TW_1999_ChiChi_08_360	0.46 0	26273.5 6	US_1989_Loma Prieta_03_90	0.40 0	46544.2 2
	18	JP_2009_Shizuoca_03_E W	1.07 4	103385. 14	US_1989_Loma Prieta_01_90	0.83 2	141584. 69	US_1989_Loma Prieta_04_0	0.60 3	133358. 91	JP_2009_Shizuoca_03_EW	0.55 0	26795.1 3	JP_2009_Shizuoca_03_EW	0.55 0	26795.1 3	US_1989_Loma Prieta_05_195	0.91 8	44525.5 3
	19	JP_2016_14APR_NS	0.98 1	105260. 37	JP_2004_14DEC_EW	0.40 9	145108. 42	US_1992_Petrolia_02_36 0	0.45 6	29560.7 5	JP_2018_Osake_NS	0.43 8	26971.1 3	JP_2018_Osake_NS	0.43 8	26971.1 3	US_1989_Loma Prieta_06_0	0.41 5	49886.6 3
	20	JP_2004_Chuettsu_07_E W	0.59 8	106937. 41	JP_2000_Tottori_05_NS	0.54 5	146158. 44	US_1994_Northridge_03_ 90	0.76 9	419915. 05	JP_2004_27OCT_03_NS	0.31 8	27078.9 5	JP_2004_27OCT_03_NS	0.31 8	27078.9 5	US_1989_Loma Prieta_06_90	0.52 8	38182.6 1
RMS E	1	US_1989_Loma Prieta_02_90	0.45 9	135.64	JP_2011_Fukushima_04_ EW	0.61 2	148.44	CH_2012_GO05_EW	1.87 1	282.59	JP_2011_Fukushima_04_EW	0.45 3	99.59	JP_2011_Fukushima_04_EW	0.45 3	99.59	CH_2012_GO05_EW	1.03 0	152.42
	2	JP_2011_Fukushima_04_ EW	0.61 2	148.44	JP_2018_Hokkaido_03_E W	0.41 9	216.79	CH_2014_Iquique_02_E W	3.47 2	604.81	US_1989_Loma Prieta_02_90	0.36 3	106.23	US_1989_Loma Prieta_02_90	0.36 3	106.23	CH_2014_Iquique_02_EW	1.09 1	216.54
	3	US_1992_Petrolia_02_36 0	0.45 6	171.93	JP_2011_12APR_EW	0.70 3	219.87	JP_2000_Tottori_01_EW	1.04 4	715.87	US_1992_Petrolia_02_360	0.32 5	110.58	US_1992_Petrolia_02_360	0.32 5	110.58	JP_1997_Kagoshima_EW	0.32 5	205.23
	4	JP_2016_Kumamoto_01_ NS	0.29 8	183.22	US_1989_Loma Prieta_01_0	0.50 1	235.15	JP_2000_Tottori_05_NS	0.54 5	382.31	JP_2018_Hokkaido_03_EW	0.26 5	114.83	JP_2018_Hokkaido_03_EW	0.26 5	114.83	JP_2000_Tottori_01_EW	0.28 8	215.48
	5	JP_2004_27OCT_02_EW	0.60 4	190.75	JP_2018_Hokkaido_04_E W	0.39 3	237.52	JP_2004_14DEC_EW	0.40 9	380.93	JP_2011_12APR_EW	0.44 5	124.44	JP_2011_12APR_EW	0.44 5	124.44	JP_2000_Tottori_02_EW	0.25 0	230.03
	6	JP_2018_Hokkaido_03_E W	0.41 9	216.79	JP_2016_Kumamoto_04_ NS	0.57 8	259.33	JP_2004_27OCT_02_EW	0.60 4	190.75	JP_2004_27OCT_02_EW	0.41 5	125.80	JP_2004_27OCT_02_EW	0.41 5	125.80	JP_2004_27OCT_01_EW	0.59 5	219.22
	7	JP_2011_12APR_EW	0.70 3	219.87	CH_2012_GO05_EW	1.87 1	282.59	JP_2004_Chuettsu_06_E W	0.52 1	429.09	JP_2018_Hokkaido_04_EW	0.25 0	131.42	JP_2018_Hokkaido_04_EW	0.25 0	131.42	JP_2004_Chuettsu_07_EW	0.30 3	188.42

	8	JP_2016_Kumamoto_04_EW	0.502	232.14	JP_2004_27OCT_02_NS	1.793	283.01	JP_2004_Chuetasu_07_EW	0.598	327.01	US_1989_Loma Prieta_01_0	0.310	136.15	US_1989_Loma Prieta_01_0	0.310	136.15	JP_2008_Iwate_04_EW	0.250	292.45
	9	US_1989_Loma Prieta_01_0	0.501	235.15	JP_2018_Hokkaido_07_EW	0.290	295.10	JP_2011_15MAR_NS	0.771	580.40	US_1989_Loma Prieta_04_0	0.288	139.57	US_1989_Loma Prieta_04_0	0.288	139.57	JP_2009_Shizuoca_03_EW	0.550	163.69
	10	JP_2018_Hokkaido_04_EW	0.393	237.52	JP_2011_15MAR_EW	0.267	298.93	JP_2011_Fukushima_04_EW	0.612	148.44	JP_2016_Kumamoto_01_NS	0.250	142.30	JP_2016_Kumamoto_01_NS	0.250	142.30	JP_2016_Kumamoto_05_EW	0.528	227.05
	11	JP_2016_14APR_EW	0.675	239.81	JP_2009_Shizuoca_03_EW	1.074	321.54	JP_2016_Kumamoto_01_EW	0.584	393.01	JP_2011_Fukushima_04_NS	0.288	145.13	JP_2011_Fukushima_04_NS	0.288	145.13	JP_2016_Kumamoto_06_EW	0.363	190.33
	12	JP_2016_Kumamoto_04_NS	0.578	259.33	JP_2004_Chuetasu_07_EW	0.598	327.01	JP_2018_Hokkaido_02_EW	1.060	581.94	JP_2004_27OCT_02_NS	0.993	147.83	JP_2004_27OCT_02_NS	0.993	147.83	JP_2018_Hokkaido_02_EW	0.355	179.29
	13	JP_2011_Fukushima_04_NS	0.511	274.01	JP_2013_25FEB_EW	0.407	338.97	JP_2018_Hokkaido_04_EW	0.393	237.52	CH_2012_GO05_EW	1.030	152.42	CH_2012_GO05_EW	1.030	152.42	TW_1999_ChiChi_04_90	0.438	232.11
	14	CH_2012_GO05_EW	1.871	282.59	JP_2018_Hokkaido_04_NS	0.437	342.83	JP_2018_Hokkaido_04_NS	0.437	342.83	JP_2016_Kumamoto_04_EW	0.318	154.99	JP_2016_Kumamoto_04_EW	0.318	154.99	TW_1999_ChiChi_06_360	0.295	220.50
	15	JP_2004_27OCT_02_NS	1.793	283.01	TW_1999_ChiChi_08_360	0.964	361.29	JP_2018_Hokkaido_07_EW	0.290	295.10	JP_2018_Hokkaido_03_NS	0.265	155.49	JP_2018_Hokkaido_03_NS	0.265	155.49	TW_1999_ChiChi_08_360	0.460	162.09
	16	JP_2018_Hokkaido_07_EW	0.290	295.10	JP_2004_Chuetasu_07_NS	0.820	361.60	TW_1999_ChiChi_08_360	0.964	361.29	JP_2009_Shizuoca_01_NS	0.363	156.57	JP_2009_Shizuoca_01_NS	0.363	156.57	US_1987_WhittierNarrows_01_270	0.445	226.83
	17	JP_2011_15MAR_EW	0.267	298.93	US_1989_Loma Prieta_04_0	0.603	365.18	US_1989_Loma Prieta_01_90	0.832	376.28	TW_1999_ChiChi_08_360	0.460	162.09	TW_1999_ChiChi_08_360	0.460	162.09	US_1989_Loma Prieta_03_90	0.400	215.74
	18	JP_2009_Shizuoca_03_EW	1.074	321.54	US_1989_Loma Prieta_01_90	0.832	376.28	US_1989_Loma Prieta_04_0	0.603	365.18	JP_2009_Shizuoca_03_EW	0.550	163.69	JP_2009_Shizuoca_03_EW	0.550	163.69	US_1989_Loma Prieta_05_195	0.918	211.01
	19	JP_2016_14APR_NS	0.981	324.44	JP_2004_14DEC_EW	0.409	380.93	US_1992_Petrolia_02_360	0.456	171.93	JP_2018_Osake_NS	0.438	164.23	JP_2018_Osake_NS	0.438	164.23	US_1989_Loma Prieta_06_0	0.415	223.35
	20	JP_2004_Chuetasu_07_EW	0.598	327.01	JP_2000_Tottori_05_NS	0.545	382.31	US_1994_Northridge_03_90	0.769	648.01	JP_2004_27OCT_03_NS	0.318	164.56	JP_2004_27OCT_03_NS	0.318	164.56	US_1989_Loma Prieta_06_90	0.528	195.40

REGISTROS SELECCIONADOS CASO Ymr-I T=0.40s - TSemc-tr-2475																			
Caso:		TSemc-tr-2475_NSp_Sbs			TSemc-tr-2475_NSp_Sci			TSemc-tr-2475_NSp_Ssr			TSemc-tr-2475_NSr_Sbs			TSemc-tr-2475_NSr_Sci			TSemc-tr-2475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	US_1989_Loma Prieta_02_90	0.579	126.51	JP_2016_14APR_EW	0.852	187.71	CH_2012_GO05_EW	2.360	292.77	US_1992_Petrolia_02_360	0.325	87.75	US_1992_Petrolia_02_360	0.325	87.75	CH_2014_Iquique_02_EW	1.121	181.85
	2	JP_2011_Fukushima_04_EW	0.772	146.85	JP_2011_12APR_EW	0.886	202.68	JP_1997_Kagoshima_NS	1.393	478.39	JP_2011_Fukushima_04_EW	0.498	95.86	JP_2011_Fukushima_04_EW	0.498	95.86	JP_1997_Kagoshima_EW	0.310	160.48
	3	JP_2016_14APR_EW	0.852	187.71	JP_2018_Hokkaido_03_EW	0.529	231.45	JP_2000_Tottori_05_NS	0.687	379.40	US_1989_Loma Prieta_02_90	0.498	98.02	US_1989_Loma Prieta_02_90	0.498	98.02	JP_2000_Tottori_01_EW	0.318	177.29
	4	US_1992_Petrolia_02_360	0.576	192.70	JP_2018_Hokkaido_07_NS	0.250	244.23	JP_2004_27OCT_02_EW	0.762	210.57	JP_2018_Hokkaido_03_EW	0.280	102.37	JP_2018_Hokkaido_03_EW	0.280	102.37	JP_2000_Tottori_02_EW	0.250	198.72
	5	JP_2016_Kumamoto_01_NS	0.376	200.50	JP_2016_Kumamoto_04_NS	0.729	246.49	JP_2004_Chuetasu_06_EW	0.657	498.24	JP_2011_12APR_EW	0.528	119.08	JP_2011_12APR_EW	0.528	119.08	JP_2004_Chuetasu_07_EW	0.280	173.46
	6	JP_2011_12APR_EW	0.886	202.68	JP_2013_25FEB_EW	0.513	262.05	JP_2004_Chuetasu_07_EW	0.754	333.21	JP_2018_Hokkaido_04_EW	0.250	119.38	JP_2018_Hokkaido_04_EW	0.250	119.38	JP_2008_Iwate_04_EW	0.250	247.73
	7	JP_2004_27OCT_02_EW	0.762	210.57	JP_2018_Hokkaido_04_EW	0.496	270.84	JP_2004_Chuetasu_07_NS	1.035	376.60	US_1989_Loma Prieta_04_0	0.280	121.19	US_1989_Loma Prieta_04_0	0.280	121.19	JP_2008_Iwate_04_NS	0.250	228.83
	8	JP_2011_Fukushima_04_NS	0.644	217.98	US_1989_Loma Prieta_01_0	0.632	272.09	JP_2009_Shizuoca_03_EW	1.354	315.14	JP_2011_Fukushima_04_NS	0.310	121.65	JP_2011_Fukushima_04_NS	0.310	121.65	JP_2016_Kumamoto_05_EW	0.378	197.15
	9	JP_2016_Kumamoto_04_EW	0.633	231.40	JP_2004_27OCT_02_NS	2.261	284.85	JP_2011_15MAR_NS	0.972	616.79	JP_2018_Hokkaido_03_NS	0.273	124.57	JP_2018_Hokkaido_03_NS	0.273	124.57	JP_2016_Kumamoto_06_EW	0.333	173.77
	10	JP_2018_Hokkaido_03_EW	0.529	231.45	CH_2012_GO05_EW	2.360	292.77	JP_2011_Fukushima_04_EW	0.772	146.85	JP_2004_27OCT_02_EW	0.423	125.74	JP_2004_27OCT_02_EW	0.423	125.74	JP_2018_Hokkaido_02_EW	0.348	159.26
	11	JP_2018_Hokkaido_07_NS	0.250	244.23	JP_2011_15MAR_EW	0.337	308.33	JP_2016_Kumamoto_01_EW	0.736	440.86	JP_2009_Shizuoca_01_NS	0.355	131.03	JP_2009_Shizuoca_01_NS	0.355	131.03	PE_2012_14MAY_NS	2.152	163.40
	12	JP_2016_Kumamoto_04_NS	0.729	246.49	JP_2009_Shizuoca_03_EW	1.354	315.14	JP_2018_Hokkaido_04_EW	0.496	270.84	US_1989_Loma Prieta_01_0	0.318	131.50	US_1989_Loma Prieta_01_0	0.318	131.50	TW_1999_ChiChi_06_360	0.250	200.93
	13	JP_2013_25FEB_EW	0.513	262.05	JP_2018_Hokkaido_07_EW	0.366	322.73	JP_2018_Hokkaido_04_NS	0.551	372.47	US_1994_Northridge_03_90	0.250	131.87	US_1994_Northridge_03_90	0.250	131.87	TW_1999_ChiChi_08_360	0.460	143.07
	14	JP_2018_Hokkaido_04_EW	0.496	270.84	JP_2004_Chuetasu_07_EW	0.754	333.21	JP_2018_Hokkaido_07_EW	0.366	322.73	JP_2016_Kumamoto_04_EW	0.288	134.66	JP_2016_Kumamoto_04_EW	0.288	134.66	US_1987_WhittierNarrows_01_270	0.415	194.29
	15	US_1989_Loma Prieta_01_0	0.632	272.09	JP_2000_Tottori_02_NS	0.676	371.08	JP_2018_Hokkaido_07_NS	0.250	244.23	JP_2004_27OCT_02_NS	1.121	135.01	JP_2004_27OCT_02_NS	1.121	135.01	US_1989_Loma Prieta_01_90	0.310	168.35
	16	JP_2004_27OCT_02_NS	2.261	284.85	JP_2018_Hokkaido_04_NS	0.551	372.47	TW_1999_ChiChi_01_90	0.712	536.15	JP_2021_Miyagi_02_NS	0.250	136.72	JP_2021_Miyagi_02_NS	0.250	136.72	US_1989_Loma Prieta_03_0	0.258	172.16
	17	CH_2012_GO05_EW	2.360	292.77	JP_2004_Chuetasu_07_NS	1.035	376.60	TW_1999_ChiChi_08_360	1.215	390.46	US_1992_Big Bear_360	0.318	138.78	US_1992_Big Bear_360	0.318	138.78	US_1989_Loma Prieta_05_195	0.805	189.00
	18	JP_2000_Tottori_05_EW	0.888	294.56	JP_2000_Tottori_05_NS	0.687	379.40	US_1989_Loma Prieta_04_0	0.760	413.72	JP_2016_Kumamoto_01_NS	0.250	138.87	JP_2016_Kumamoto_01_NS	0.250	138.87	US_1989_Loma Prieta_05_285	0.325	165.36
	19	JP_2016_14APR_NS	1.237	302.90	JP_2004_Chuetasu_04_EW	0.633	381.78	US_1992_Petrolia_02_360	0.576	192.70	JP_2000_Tottori_05_NS	0.265	140.04	JP_2000_Tottori_05_NS	0.265	140.04	US_1989_Loma Prieta_06_90	0.520	182.46
	20	JP_2011_15MAR_EW	0.337	308.33	JP_2004_14DEC_EW	0.516	383.80	US_1994_Northridge_03_90	0.970	711.56	JP_2004_27OCT_03_NS	0.355	140.89	JP_2004_27OCT_03_NS	0.355	140.89	US_1994_Northridge_02_360	0.445	155.70

MAP E	1	JP_2016_14APR_EW	0.85 2	187.53	JP_2016_14APR_EW	0.85 2	187.53	CH_2012_GO05_EW	2.36 0	690.98	JP_2009_Shizuoca_01_NS	0.25 0	64.95	JP_2009_Shizuoca_01_NS	0.25 0	64.95	CH_2012_GO05_EW	0.25 0	102.01
	2	JP_2021_Miyagi_02_NS	0.61 3	199.75	JP_2011_15MAR_EW	0.33 7	254.08	JP_1997_Kagoshima_NS	1.39 3	816.50	JP_2021_Miyagi_02_NS	0.25 0	68.16	JP_2016_14APR_EW	0.25 0	68.85	CH_2014_Iquique_02_EW	0.25 0	100.47
	3	US_1992_Petrolia_02_36 0	0.57 6	233.03	JP_2018_Hokkaido_07_N S	0.25 0	257.89	JP_2000_Tottori_05_NS	0.68 7	415.96	JP_2016_14APR_EW	0.25 0	68.85	JP_2009_Shizuoca_01_EW	0.25 0	70.23	JP_1997_Kagoshima_EW	0.25 0	105.18
	4	JP_2016_Kumamoto_04_ EW	0.63 3	250.51	JP_2011_12APR_EW	0.88 6	301.71	JP_2004_27OCT_02_E W	0.76 2	431.18	JP_2009_Shizuoca_01_EW	0.25 0	70.23	JP_2000_Tottori_04_EW	0.25 0	71.00	JP_2000_Tottori_05_EW	0.25 0	111.41
	5	JP_2011_15MAR_EW	0.33 7	254.08	JP_2009_Shizuoca_01_N S	1.12 2	304.75	JP_2004_Chuetstu_06_E W	0.65 7	850.32	JP_2000_Tottori_04_EW	0.25 0	71.00	JP_2004_27OCT_01_EW	0.25 0	71.72	JP_2004_27OCT_01_EW	0.25 0	71.72
	6	JP_2018_Hokkaido_07_N S	0.25 0	257.89	JP_2018_Hokkaido_07_E W	0.36 6	320.42	JP_2004_Chuetstu_07_E W	0.75 4	620.42	JP_2004_27OCT_01_EW	0.25 0	71.72	US_1992_Big Bear_360	0.25 0	74.17	JP_2004_27OCT_02_EW	0.25 0	121.00
	7	JP_2011_Fukushima_04_ NS	0.64 4	279.82	US_1992_Big Bear_360	0.91 8	329.84	JP_2004_Chuetstu_07_N S	1.03 5	811.66	JP_2021_Miyagi_02_EW	0.25 0	73.41	JP_2012_25AGO_EW	0.25 0	74.88	JP_2004_Chuetstu_07_NS	0.25 0	175.71
	8	US_1989_Loma Prieta_02_90	0.57 9	289.41	JP_2016_Kumamoto_04_ NS	0.72 9	346.93	JP_2009_Shizuoca_03_E W	1.35 4	442.88	US_1992_Big Bear_360	0.25 0	74.17	JP_2016_Kumamoto_04_EW	0.25 0	75.72	JP_2007_Noto_02_NS	0.25 0	245.17
	9	JP_2011_Fukushima_04_ EW	0.77 2	299.84	JP_2013_25FEB_EW	0.51 3	349.20	JP_2011_15MAR_NS	0.97 2	615.62	JP_2012_25AGO_EW	0.25 0	74.88	US_1987_WhittierNarrows_01 360	0.25 0	77.83	JP_2008_Iwate_04_EW	0.25 0	434.67
	10	JP_2011_12APR_EW	0.88 6	301.71	JP_2013_25FEB_NS	0.50 2	392.42	JP_2011_Fukushima_04 EW	0.77 2	299.84	JP_2016_Kumamoto_04_EW	0.25 0	75.72	JP_2018_Osake_NS	0.25 0	78.28	JP_2008_Iwate_04_NS	0.25 0	968.26
	11	JP_2009_Shizuoca_01_N S	1.12 2	304.75	JP_2018_Hokkaido_04_E W	0.49 6	402.21	JP_2016_Kumamoto_01 EW	0.73 6	1207.51	CH_2012_GO05_NS	0.29 5	77.65	JP_2004_27OCT_01_NS	0.25 0	78.75	JP_2016_Kumamoto_05_EW	0.25 0	173.58
	12	JP_2008_Iwate_02_EW	0.29 6	311.79	JP_2011_Fukushima_06_ EW	1.13 4	402.86	JP_2018_Hokkaido_04_ EW	0.49 6	402.21	US_1987_WhittierNarrows_01 360	0.25 0	77.83	US_1992_Petrolia_02_360	0.25 0	78.99	JP_2016_Kumamoto_06_NS	0.25 0	349.71
	13	JP_2018_Hokkaido_07_E W	0.36 6	320.42	JP_2004_Chuetstu_04_E W	0.63 3	403.81	JP_2018_Hokkaido_04_ NS	0.55 1	519.25	JP_2018_Osake_NS	0.25 0	78.28	JP_2004_29NOV_01_NS	0.25 0	79.97	PE_2012_14MAY_NS	0.25 0	82.97
	14	US_1992_Big Bear_360	0.91 8	329.84	JP_2004_27OCT_01_EW	2.11 5	409.44	JP_2018_Hokkaido_07_ EW	0.36 6	320.42	JP_2004_27OCT_01_NS	0.25 0	78.75	JP_2004_29NOV_01_EW	0.25 0	80.37	TW_1999_ChiChi_08_360	0.25 0	155.11
	15	JP_2009_Shizuoca_01_E W	1.22 9	338.26	JP_2000_Tottori_05_NS	0.68 7	415.96	JP_2018_Hokkaido_07_ NS	0.25 0	257.89	US_1992_Petrolia_02_360	0.25 0	78.99	JP_2009_Shizuoca_03_NS	0.25 0	81.59	TW_1999_ChiChi_08_90	0.25 0	185.40
	16	JP_2016_Kumamoto_04_ NS	0.72 9	346.93	JP_2000_Tottori_02_NS	0.67 6	421.37	TW_1999_ChiChi_01_90	0.71 2	1387.56	PE_2012_14MAY_EW	0.28 0	79.36	JP_2011_Fukushima_06_EW	0.25 0	81.71	US_1989_Loma Prieta_01_90	0.25 0	112.20
	17	JP_2013_25FEB_EW	0.51 3	349.20	JP_2009_Shizuoca_03_E W	1.35 4	442.88	TW_1999_ChiChi_08_36 0	1.21 5	825.07	JP_2011_19MAR_02_NS	0.25 0	79.41	JP_2011_12APR_NS	0.25 0	84.49	US_1989_Loma Prieta_03_0	0.25 0	106.19
	18	JP_2008_Iwate_02_NS	0.53 2	351.28	JP_2009_Shizuoca_03_N S	1.41 7	443.86	US_1989_Loma Prieta_04_0	0.76 0	652.38	JP_2004_29NOV_01_NS	0.25 0	79.97	JP_2003_Miyagi_02_EW	0.25 0	85.42	US_1989_Loma Prieta_06_90	0.25 0	236.46
	19	JP_2016_14APR_NS	1.23 7	356.49	JP_2018_Hokkaido_03_E W	0.52 9	462.76	US_1992_Petrolia_02_36 0	0.57 6	233.03	JP_2004_29NOV_01_EW	0.25 0	80.37	JP_2009_Shizuoca_03_EW	0.25 0	85.77	US_1992_Petrolia_02_270	0.25 0	146.40
	20	JP_2000_Tottori_05_EW	0.88 8	379.63	JP_2018_Osake_NS	1.28 3	478.32	US_1994_Northridge_03 90	0.97 0	1399.72	JP_2009_Shizuoca_03_NS	0.25 0	81.59	JP_2016_14APR_NS	0.25 0	87.70	US_1994_Northridge_02_360	0.25 0	202.07
MSE	1	US_1989_Loma Prieta_02_90	0.57 9	31972.5 7	JP_2018_Hokkaido_03_E W	0.52 9	80418.6 4	CH_2012_GO05_EW	2.36 0	133672. 08	JP_2011_Fukushima_04_EW	0.55 8	16639.2 1	JP_2011_Fukushima_04_EW	0.55 8	16639.2 1	CH_2014_Iquique_02_NS	1.60 6	75425.6 7
	2	JP_2011_Fukushima_04_ EW	0.77 2	38760.5 2	JP_2011_12APR_EW	0.88 6	82465.3 3	JP_1997_Kagoshima_NS	1.39 3	390045. 49	US_1989_Loma Prieta_02_90	0.44 5	18527.1 9	US_1989_Loma Prieta_02_90	0.44 5	18527.1 9	JP_2000_Tottori_01_EW	0.34 8	73672.4 2
	3	US_1992_Petrolia_02_36 0	0.57 6	51199.7 5	JP_2018_Hokkaido_07_N S	0.25 0	92377.2 8	JP_2000_Tottori_05_NS	0.68 7	242336. 64	US_1992_Petrolia_02_360	0.40 0	20240.8 5	US_1992_Petrolia_02_360	0.40 0	20240.8 5	JP_2000_Tottori_02_EW	0.28 0	82822.0 5
	4	JP_2016_Kumamoto_01_ NS	0.37 6	57238.6 9	US_1989_Loma Prieta_01_0	0.63 2	93911.0 3	JP_2004_27OCT_02_E W	0.76 2	61977.5 0	JP_2018_Hokkaido_03_EW	0.32 5	21860.5 3	JP_2018_Hokkaido_03_EW	0.32 5	21860.5 3	JP_2000_Tottori_05_EW	0.38 5	78572.5 8
	5	JP_2004_27OCT_02_EW	0.76 2	61977.5 0	JP_2018_Hokkaido_04_E W	0.49 6	95855.7 8	JP_2004_Chuetstu_06_E W	0.65 7	303572. 61	JP_2011_12APR_EW	0.54 3	25470.6 1	JP_2011_12APR_EW	0.54 3	25470.6 1	JP_2004_Chuetstu_07_NS	0.47 5	54206.9 2
	6	JP_2018_Hokkaido_03_E W	0.52 9	80418.6 4	JP_2016_14APR_EW	0.85 2	96020.1 2	JP_2004_Chuetstu_07_E W	0.75 4	177456. 72	JP_2004_27OCT_02_EW	0.50 5	25670.8 3	JP_2004_27OCT_02_EW	0.50 5	25670.8 3	JP_2008_Iwate_04_EW	0.25 8	131217. 95
	7	JP_2011_12APR_EW	0.88 6	82465.3 3	JP_2016_Kumamoto_04_ NS	0.72 9	112454. 43	JP_2004_Chuetstu_07_N S	1.03 5	216636. 53	JP_2016_Kumamoto_01_NS	0.25 8	27165.2 4	JP_2016_Kumamoto_01_NS	0.25 8	27165.2 4	JP_2009_Shizuoca_02_NS	0.67 0	56167.9 9
	8	JP_2016_Kumamoto_04_ EW	0.63 3	90767.1 3	CH_2012_GO05_EW	2.36 0	133672. 08	JP_2009_Shizuoca_03_E W	1.35 4	172286. 64	JP_2018_Hokkaido_04_EW	0.29 5	28042.1 0	JP_2018_Hokkaido_04_EW	0.29 5	28042.1 0	JP_2009_Shizuoca_03_EW	0.67 8	43130.5 0
	9	JP_2018_Hokkaido_07_N S	0.25 0	92377.2 8	JP_2004_27OCT_02_NS	2.26 1	134571. 22	JP_2011_15MAR_NS	0.97 2	551366. 22	US_1989_Loma Prieta_01_0	0.37 8	30335.7 5	US_1989_Loma Prieta_01_0	0.37 8	30335.7 5	JP_2016_Kumamoto_03_NS	0.32 5	88680.6 9
	10	US_1989_Loma Prieta_01_0	0.63 2	93911.0 3	JP_2018_Hokkaido_07_E W	0.36 6	146450. 68	JP_2011_Fukushima_04 EW	0.77 2	38760.5 2	US_1989_Loma Prieta_04_0	0.34 8	31984.6 7	US_1989_Loma Prieta_04_0	0.34 8	31984.6 7	JP_2016_Kumamoto_05_EW	0.64 8	81440.3 9
	11	JP_2018_Hokkaido_04_E W	0.49 6	95855.7 8	JP_2011_15MAR_EW	0.33 7	150202. 72	JP_2016_Kumamoto_01 EW	0.73 6	255660. 37	JP_2011_Fukushima_04_NS	0.35 5	33841.4 7	JP_2011_Fukushima_04_NS	0.35 5	33841.4 7	PE_2012_14MAY_NS	2.57 6	54024.6 2
	12	JP_2016_14APR_EW	0.85 2	96020.1 2	JP_2009_Shizuoca_03_E W	1.35 4	172286. 64	JP_2018_Hokkaido_04_ EW	0.49 6	95855.7 8	JP_2004_27OCT_02_NS	1.21 2	35512.9 4	JP_2004_27OCT_02_NS	1.21 2	35512.9 4	TW_1999_ChiChi_06_90	0.32 5	69965.8 8
	13	JP_2016_Kumamoto_04_ NS	0.72 9	112454. 43	JP_2004_Chuetstu_07_E W	0.75 4	177456. 72	JP_2018_Hokkaido_04_ NS	0.55 1	195326. 31	CH_2012_GO05_EW	1.27 3	37424.3 0	CH_2012_GO05_EW	1.27 3	37424.3 0	TW_1999_ChiChi_08_90	0.34 8	62780.2 8
	14	JP_2011_Fukushima_04_ NS	0.64 4	125596. 73	JP_2013_25FEB_EW	0.51 3	189337. 19	JP_2018_Hokkaido_07_ EW	0.36 6	146450. 68	JP_2018_Hokkaido_07_EW	0.25 0	37469.9 3	JP_2018_Hokkaido_07_EW	0.25 0	37469.9 3	TW_1999_ChiChi_10_360	0.39 3	86280.0 3
	15	CH_2012_GO05_EW	2.36 0	133672. 08	JP_2018_Hokkaido_04_N S	0.55 1	195326. 31	JP_2018_Hokkaido_07_ NS	0.25 0	92377.2 8	JP_2016_Kumamoto_04_EW	0.39 3	38724.7 3	JP_2018_Hokkaido_03_NS	0.32 5	39173.7 2	US_1987_WhittierNarrows_01 270	0.54 3	81363.3 6
	16	JP_2004_27OCT_02_NS	2.26 1	134571. 22	JP_2004_Chuetstu_07_N S	1.03 5	216636. 53	TW_1999_ChiChi_01_90	0.71 2	355171. 35	JP_2018_Hokkaido_03_NS	0.32 5	39173.7 2	JP_2009_Shizuoca_01_NS	0.43 8	39497.7 8	US_1989_Loma Prieta_03_0	0.34 8	72425.3 9
	17	JP_2018_Hokkaido_07_E W	0.36 6	146450. 68	TW_1999_ChiChi_08_36 0	1.21 5	217106. 59	TW_1999_ChiChi_08_36 0	1.21 5	217106. 59	JP_2009_Shizuoca_01_NS	0.43 8	39497.7 8	JP_2018_Hokkaido_04_NS	0.26 5	40673.5 8	US_1989_Loma Prieta_03_90	0.48 3	73885.1 4
	18	JP_2011_15MAR_EW	0.33 7	150202. 72	US_1989_Loma Prieta_04_0	0.76 0	222204. 69	US_1989_Loma Prieta_04_0	0.76 0	222204. 69	JP_2018_Hokkaido_04_NS	0.26 5	40673.5 8	TW_1999_ChiChi_08_360	0.56 5	42522.5 9	US_1989_Loma Prieta_04_0	0.34 8	31984.6 7
	19	JP_2009_Shizuoca_03_E W	1.35 4	172286. 64	US_1989_Loma Prieta_01_90	1.04 9	233784. 42	US_1992_Petrolia_02_36 0	0.57 6	51199.7 5	TW_1999_ChiChi_08_360	0.56 5	42522.5 9	JP_2009_Shizuoca_03_EW	0.67 8	43130.5 0	US_1989_Loma Prieta_06_0	0.50 5	78985.0 0

	20	JP_2016_14APR_NS	1.237	174335.33	JP_2004_14DEC_EW	0.516	240444.88	US_1994_Northridge_03_90	0.970	685554.89	JP_2009_Shizuoca_03_EW	0.678	43130.50	TW_1999_ChiChi_01_90	0.280	43566.06	US_1994_Northridge_01_360	0.430	92063.32
RMS E	1	US_1989_Loma Prieta_02_90	0.579	178.81	JP_2018_Hokkaido_03_EW	0.529	283.58	CH_2012_GO05_EW	2.360	365.61	JP_2011_Fukushima_04_EW	0.558	128.99	JP_2011_Fukushima_04_EW	0.558	128.99	CH_2014_Iquique_02_NS	1.606	274.64
	2	JP_2011_Fukushima_04_EW	0.772	196.88	JP_2011_12APR_EW	0.886	287.17	JP_1997_Kagoshima_NS	1.393	624.54	US_1989_Loma Prieta_02_90	0.445	136.11	US_1989_Loma Prieta_02_90	0.445	136.11	JP_2000_Tottori_01_EW	0.348	271.43
	3	US_1992_Petrolia_02_360	0.576	226.27	JP_2018_Hokkaido_07_NS	0.250	303.94	JP_2000_Tottori_05_NS	0.687	492.28	US_1992_Petrolia_02_360	0.400	142.27	US_1992_Petrolia_02_360	0.400	142.27	JP_2000_Tottori_02_EW	0.280	287.79
	4	JP_2016_Kumamoto_01_NS	0.376	239.25	US_1989_Loma Prieta_01_0	0.632	306.45	JP_2004_27OCT_02_EW	0.762	248.95	JP_2018_Hokkaido_03_EW	0.325	147.85	JP_2018_Hokkaido_03_EW	0.325	147.85	JP_2000_Tottori_05_EW	0.385	280.31
	5	JP_2004_27OCT_02_EW	0.762	248.95	JP_2018_Hokkaido_04_EW	0.496	309.61	JP_2004_Chuetstu_06_EW	0.657	550.97	JP_2011_12APR_EW	0.543	159.60	JP_2011_12APR_EW	0.543	159.60	JP_2004_Chuetstu_07_NS	0.475	232.82
	6	JP_2018_Hokkaido_03_EW	0.529	283.58	JP_2016_14APR_EW	0.852	309.87	JP_2004_Chuetstu_07_EW	0.754	421.26	JP_2004_27OCT_02_EW	0.505	160.22	JP_2004_27OCT_02_EW	0.505	160.22	JP_2008_Iwate_04_EW	0.258	362.24
	7	JP_2011_12APR_EW	0.886	287.17	JP_2016_Kumamoto_04_NS	0.729	335.34	JP_2004_Chuetstu_07_NS	1.035	465.44	JP_2016_Kumamoto_01_NS	0.258	164.82	JP_2016_Kumamoto_01_NS	0.258	164.82	JP_2009_Shizuoca_02_NS	0.670	237.00
	8	JP_2016_Kumamoto_04_EW	0.633	301.28	CH_2012_GO05_EW	2.360	365.61	JP_2009_Shizuoca_03_EW	1.354	415.07	JP_2018_Hokkaido_04_EW	0.295	167.46	JP_2018_Hokkaido_04_EW	0.295	167.46	JP_2009_Shizuoca_03_EW	0.678	207.68
	9	JP_2018_Hokkaido_07_NS	0.250	303.94	JP_2004_27OCT_02_NS	2.261	366.84	JP_2011_15MAR_NS	0.972	742.54	US_1989_Loma Prieta_01_0	0.378	174.17	US_1989_Loma Prieta_01_0	0.378	174.17	JP_2016_Kumamoto_03_NS	0.325	297.79
	10	US_1989_Loma Prieta_01_0	0.632	306.45	JP_2018_Hokkaido_07_EW	0.366	382.69	JP_2011_Fukushima_04_EW	0.772	196.88	US_1989_Loma Prieta_04_0	0.348	178.84	US_1989_Loma Prieta_04_0	0.348	178.84	JP_2016_Kumamoto_05_EW	0.648	285.38
	11	JP_2018_Hokkaido_04_EW	0.496	309.61	JP_2011_15MAR_EW	0.337	387.56	JP_2016_Kumamoto_01_EW	0.736	505.63	JP_2011_Fukushima_04_NS	0.355	183.96	JP_2011_Fukushima_04_NS	0.355	183.96	PE_2012_14MAY_NS	2.576	232.43
	12	JP_2016_14APR_EW	0.852	309.87	JP_2009_Shizuoca_03_EW	1.354	415.07	JP_2018_Hokkaido_04_EW	0.496	309.61	JP_2004_27OCT_02_NS	1.212	188.45	JP_2004_27OCT_02_NS	1.212	188.45	TW_1999_ChiChi_06_90	0.325	264.51
	13	JP_2016_Kumamoto_04_NS	0.729	335.34	JP_2004_Chuetstu_07_EW	0.754	421.26	JP_2018_Hokkaido_04_NS	0.551	441.96	CH_2012_GO05_EW	1.273	193.45	CH_2012_GO05_EW	1.273	193.45	TW_1999_ChiChi_08_90	0.348	250.56
	14	JP_2011_Fukushima_04_NS	0.644	354.40	JP_2013_25FEB_EW	0.513	435.13	JP_2018_Hokkaido_07_EW	0.366	382.69	JP_2018_Hokkaido_07_EW	0.250	193.57	JP_2018_Hokkaido_07_EW	0.250	193.57	TW_1999_ChiChi_10_360	0.393	293.73
	15	CH_2012_GO05_EW	2.360	365.61	JP_2018_Hokkaido_04_NS	0.551	441.96	JP_2018_Hokkaido_07_NS	0.250	303.94	JP_2016_Kumamoto_04_EW	0.393	196.79	JP_2018_Hokkaido_03_NS	0.325	197.92	US_1987_WhittierNarrows_01_270	0.543	285.24
	16	JP_2004_27OCT_02_NS	2.261	366.84	JP_2004_Chuetstu_07_NS	1.035	465.44	TW_1999_ChiChi_01_90	0.712	595.96	JP_2018_Hokkaido_03_NS	0.325	197.92	JP_2009_Shizuoca_01_NS	0.438	198.74	US_1989_Loma Prieta_03_0	0.348	269.12
	17	JP_2018_Hokkaido_07_EW	0.366	382.69	TW_1999_ChiChi_08_360	1.215	465.95	TW_1999_ChiChi_08_360	1.215	465.95	JP_2009_Shizuoca_01_NS	0.438	198.74	JP_2018_Hokkaido_04_NS	0.265	201.68	US_1989_Loma Prieta_03_90	0.483	271.82
	18	JP_2011_15MAR_EW	0.337	387.56	US_1989_Loma Prieta_04_0	0.760	471.39	US_1989_Loma Prieta_04_0	0.760	471.39	JP_2018_Hokkaido_04_NS	0.265	201.68	TW_1999_ChiChi_08_360	0.565	206.21	US_1989_Loma Prieta_04_0	0.348	178.84
	19	JP_2009_Shizuoca_03_EW	1.354	415.07	US_1989_Loma Prieta_01_90	1.049	483.51	US_1992_Petrolia_02_360	0.576	226.27	TW_1999_ChiChi_08_360	0.565	206.21	JP_2009_Shizuoca_03_EW	0.678	207.68	US_1989_Loma Prieta_06_0	0.505	281.04
	20	JP_2016_14APR_NS	1.237	417.53	JP_2004_14DEC_EW	0.516	490.35	US_1994_Northridge_03_90	0.970	827.98	JP_2009_Shizuoca_03_EW	0.678	207.68	TW_1999_ChiChi_01_90	0.280	208.72	US_1994_Northridge_01_360	0.430	303.42

REGISTROS SELECCIONADOS CASO Ymr-I T=0.40s - TSepu-tr-475																			
Caso:		TSepu-tr-475_NSp_Sbs			TSepu-tr-475_NSp_Sci			TSepu-tr-475_NSp_Ssr			TSepu-tr-475_NSr_Sbs			TSepu-tr-475_NSr_Sci			TSepu-tr-475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	TW_1999_ChiChi_10_90	0.480	82.03	TW_1999_ChiChi_10_90	0.480	82.03	CH_2012_GO05_EW	1.426	196.89	JP_2004_Chuetstu_05_EW	0.460	61.84	JP_2004_Chuetstu_07_EW	0.648	62.66	CH_2014_Iquique_02_NS	2.758	148.54
	2	CH_2014_Iquique_02_EW	2.645	85.58	CH_2014_Iquique_02_EW	2.645	85.58	CH_2014_Iquique_02_EW	2.645	85.58	JP_2004_Chuetstu_07_EW	0.648	62.66	US_1994_Northridge_01_90	1.364	80.21	JP_2000_Tottori_01_EW	0.655	117.32
	3	JP_2009_Shizuoca_02_EW	0.968	95.45	JP_2009_Shizuoca_02_EW	0.968	95.45	JP_2000_Tottori_01_EW	0.796	160.47	US_1994_Northridge_01_90	1.364	80.21	TW_1999_ChiChi_10_90	0.490	80.56	JP_2000_Tottori_02_EW	0.475	193.68
	4	JP_2004_Chuetstu_06_EW	0.397	108.34	JP_2004_Chuetstu_06_EW	0.397	108.34	JP_2000_Tottori_05_NS	0.415	145.58	TW_1999_ChiChi_10_90	0.490	80.56	US_1989_Loma Prieta_06_0	0.963	81.57	JP_2000_Tottori_02_NS	0.415	187.19
	5	JP_1997_Kagoshima_EW	0.763	108.45	JP_1997_Kagoshima_EW	0.763	108.45	JP_2004_14DEC_EW	0.311	133.19	US_1989_Loma Prieta_06_0	0.963	81.57	JP_2004_Chuetstu_07_NS	0.805	84.02	JP_2007_Noto_01_NS	0.438	161.17
	6	US_1989_Loma Prieta_06_90	1.268	108.69	US_1989_Loma Prieta_06_90	1.268	108.69	JP_2004_27OCT_02_EW	0.460	241.78	JP_2004_Chuetstu_07_NS	0.805	84.02	CH_2014_Iquique_02_EW	2.636	85.46	JP_2008_Iwate_03_EW	0.340	147.29
	7	JP_2016_Kumamoto_06_NS	0.728	111.03	JP_2016_Kumamoto_06_NS	0.728	111.03	JP_2004_Chuetstu_07_NS	0.625	139.43	CH_2014_Iquique_02_EW	2.636	85.46	TW_1999_ChiChi_08_90	0.618	90.74	JP_2009_Shizuoca_03_EW	1.091	131.73
	8	JP_2004_Chuetstu_05_NS	0.396	115.37	JP_2011_15MAR_NS	0.587	117.70	JP_2011_15MAR_NS	0.587	117.70	TW_1999_ChiChi_08_90	0.618	90.74	JP_2009_Shizuoca_02_EW	0.970	95.50	JP_2011_15MAR_NS	0.543	113.87
	9	JP_2011_15MAR_NS	0.587	117.70	JP_2004_Chuetstu_06_NS	0.404	118.05	JP_2016_Kumamoto_04_EW	0.383	239.05	JP_2009_Shizuoca_02_EW	0.970	95.50	US_1994_Northridge_02_90	0.940	96.84	JP_2011_Fukushima_04_NS	0.415	266.63
	10	JP_2004_Chuetstu_06_NS	0.404	118.05	US_1994_Northridge_02_90	1.087	118.44	JP_2018_Hokkaido_02_EW	0.808	126.28	US_1994_Northridge_02_90	0.940	96.84	JP_2004_14DEC_EW	0.378	98.37	JP_2016_Kumamoto_04_NS	0.685	168.53
	11	US_1994_Northridge_02_90	1.087	118.44	JP_2016_Kumamoto_06_EW	0.758	119.27	JP_2018_Hokkaido_03_EW	0.320	238.67	JP_2004_14DEC_EW	0.378	98.37	JP_2016_Kumamoto_05_EW	1.273	98.94	JP_2016_Kumamoto_05_EW	1.273	98.94
	12	JP_2016_Kumamoto_06_EW	0.758	119.27	US_1989_Loma Prieta_05_195	2.370	119.52	JP_2018_Hokkaido_04_EW	0.299	203.18	JP_2016_Kumamoto_05_EW	1.273	98.94	TW_1999_ChiChi_08_360	0.888	100.35	JP_2018_Hokkaido_05_NS	0.325	248.90

	1 3	US_1989_Loma Prieta_05_195	2.37 0	119.52	JP_2018_Hokkaido_02_EW	0.80 8	126.28	TW_1999_ChiChi_01_90	0.43 0	131.47	JP_2004_Chuettsu_05_NS	0.36 3	100.18	US_1989_Loma Prieta_05_195	2.06 1	102.07	PE_2012_14MAY_NS	4.00 0	170.96
	1 4	JP_2018_Hokkaido_02_EW	0.80 8	126.28	JP_2016_Kumamoto_01_E W	0.44 5	128.37	TW_1999_ChiChi_08_360	0.73 4	132.50	TW_1999_ChiChi_08_360	0.88 8	100.35	US_1989_Loma Prieta_03_90	0.94 0	103.38	TW_1999_ChiChi_01_90	0.40 0	127.41
	1 5	JP_2016_Kumamoto_01_E W	0.44 5	128.37	TW_1999_ChiChi_01_90	0.43 0	131.47	TW_1999_ChiChi_10_90	0.48 0	82.03	US_1989_Loma Prieta_05_195	2.06 1	102.07	US_1989_Loma Prieta_06_90	1.18 2	103.73	TW_1999_ChiChi_07_360	0.58 0	222.07
	1 6	TW_1999_ChiChi_01_90	0.43 0	131.47	TW_1999_ChiChi_08_360	0.73 4	132.50	US_1989_Loma Prieta_03_0	0.73 9	133.56	US_1989_Loma Prieta_03_90	0.94 0	103.38	JP_2004_Chuettsu_06_EW	0.44 5	104.05	TW_1999_ChiChi_08_360	0.88 8	100.35
	1 7	TW_1999_ChiChi_08_360	0.73 4	132.50	JP_2004_14DEC_EW	0.31 1	133.19	US_1989_Loma Prieta_04_0	0.45 9	141.99	US_1989_Loma Prieta_06_90	1.18 2	103.73	TW_1999_ChiChi_10_360	0.71 5	106.79	US_1989_Loma Prieta_03_90	0.94 0	103.38
	1 8	JP_2004_14DEC_EW	0.31 1	133.19	US_1989_Loma Prieta_03_0	0.73 9	133.56	US_1989_Loma Prieta_05_285	0.84 6	136.56	JP_2004_Chuettsu_06_EW	0.44 5	104.05	JP_1997_Kagoshima_EW	0.70 0	108.02	US_1989_Loma Prieta_05_195	2.06 1	102.07
	1 9	US_1989_Loma Prieta_03_0	0.73 9	133.56	US_1989_Loma Prieta_05_285	0.84 6	136.56	US_1992_Petrolia_02_360	0.34 8	260.66	TW_1999_ChiChi_10_360	0.71 5	106.79	US_1994_Northridge_02_36 0	1.06 1	108.19	US_1992_Petrolia_01_90	0.46 0	205.69
	2 0	JP_2004_Chuettsu_05_EW	0.56 2	135.22	US_1992_Petrolia_02_270	1.05 5	138.48	US_1994_Northridge_03_90	0.58 6	157.00	JP_1997_Kagoshima_EW	0.70 0	108.02	JP_2011_15MAR_NS	0.54 3	113.87	US_1994_Northridge_02_90	0.94 0	96.84
MAP E	1	CH_2014_Iquique_02_EW	2.64 5	14.71	CH_2014_Iquique_02_EW	2.64 5	14.71	CH_2012_GO05_EW	1.42 6	39.49	JP_2004_Chuettsu_07_EW	0.68 5	14.14	JP_2004_Chuettsu_07_EW	0.68 5	14.14	CH_2014_Iquique_02_NS	2.87 9	33.39
	2	TW_1999_ChiChi_10_90	0.48 0	18.27	TW_1999_ChiChi_10_90	0.48 0	18.27	CH_2014_Iquique_02_EW	2.64 5	14.71	CH_2014_Iquique_02_EW	2.69 7	14.68	CH_2014_Iquique_02_EW	2.69 7	14.68	JP_2000_Tottori_01_EW	0.67 8	27.74
	3	JP_2009_Shizuoca_02_EW	0.96 8	19.26	JP_2009_Shizuoca_02_EW	0.96 8	19.26	JP_2000_Tottori_01_EW	0.79 6	32.13	US_1989_Loma Prieta_06_0	0.85 8	16.07	US_1989_Loma Prieta_06_0	0.85 8	16.07	JP_2004_Chuettsu_01_NS	0.26 5	39.07
	4	JP_2004_Chuettsu_06_EW	0.39 7	21.62	JP_2004_Chuettsu_06_EW	0.39 7	21.62	JP_2000_Tottori_05_NS	0.41 5	36.11	US_1994_Northridge_01_90	1.39 4	16.47	US_1994_Northridge_01_90	1.39 4	16.47	JP_2007_Noto_01_NS	0.48 3	36.54
	5	US_1989_Loma Prieta_06_90	1.26 8	22.84	US_1989_Loma Prieta_06_90	1.26 8	22.84	JP_2004_14DEC_EW	0.31 1	31.45	JP_2004_Chuettsu_07_NS	0.86 5	16.59	JP_2004_Chuettsu_07_NS	0.86 5	16.59	JP_2008_Iwate_03_EW	0.35 5	33.24
	6	TW_1999_ChiChi_01_90	0.43 0	23.49	TW_1999_ChiChi_01_90	0.43 0	23.49	JP_2004_27OCT_02_EW	0.46 0	47.19	TW_1999_ChiChi_10_90	0.50 5	17.53	TW_1999_ChiChi_10_90	0.50 5	17.53	JP_2009_Shizuoca_03_EW	1.12 1	30.64
	7	US_1989_Loma Prieta_05_285	0.84 6	24.09	US_1989_Loma Prieta_05_285	0.84 6	24.09	JP_2004_Chuettsu_07_NS	0.62 5	28.70	TW_1999_ChiChi_08_90	0.64 8	18.41	TW_1999_ChiChi_08_90	0.64 8	18.41	JP_2011_15MAR_NS	0.57 3	25.54
	8	US_1994_Northridge_02_90	1.08 7	24.28	US_1994_Northridge_02_90	1.08 7	24.28	JP_2011_15MAR_NS	0.58 7	25.67	JP_2009_Shizuoca_02_EW	0.97 0	19.26	JP_2009_Shizuoca_02_EW	0.97 0	19.26	JP_2013_25FEB_NS	0.29 5	44.99
	9	JP_2004_Chuettsu_06_NS	0.40 4	24.52	JP_2004_Chuettsu_06_NS	0.40 4	24.52	JP_2016_Kumamoto_04_E W	0.38 3	50.08	JP_2016_Kumamoto_05_E W	1.21 2	19.43	JP_2016_Kumamoto_05_E W	1.21 2	19.43	JP_2016_14APR_NS	0.98 5	49.16
	1 0	JP_1997_Kagoshima_EW	0.76 3	24.68	JP_1997_Kagoshima_EW	0.76 3	24.68	JP_2018_Hokkaido_02_EW	0.80 8	25.53	US_1994_Northridge_02_36 0	1.06 1	19.44	US_1994_Northridge_02_36 0	1.06 1	19.44	JP_2016_Kumamoto_04_N S	0.68 5	37.00
	1 1	JP_2016_Kumamoto_06_E W	0.75 8	25.07	JP_2016_Kumamoto_06_E W	0.75 8	25.07	JP_2018_Hokkaido_03_EW	0.32 0	48.82	US_1994_Northridge_02_90	0.92 5	19.66	US_1994_Northridge_02_90	0.92 5	19.66	JP_2016_Kumamoto_05_E W	1.21 2	19.43
	1 2	JP_2016_Kumamoto_01_E W	0.44 5	25.51	JP_2016_Kumamoto_01_E W	0.44 5	25.51	JP_2018_Hokkaido_04_EW	0.29 9	41.03	US_1989_Loma Prieta_03_90	0.89 5	20.78	US_1989_Loma Prieta_03_90	0.89 5	20.78	PE_2012_14MAY_NS	4.00 0	35.17
	1 3	JP_2018_Hokkaido_02_EW	0.80 8	25.53	JP_2018_Hokkaido_02_EW	0.80 8	25.53	TW_1999_ChiChi_01_90	0.43 0	23.49	TW_1999_ChiChi_08_360	0.95 5	21.32	TW_1999_ChiChi_08_360	0.95 5	21.32	TW_1999_ChiChi_01_360	0.37 0	26.63
	1 4	JP_2011_15MAR_NS	0.58 7	25.67	JP_2011_15MAR_NS	0.58 7	25.67	TW_1999_ChiChi_08_360	0.73 4	28.19	US_1989_Loma Prieta_06_90	1.15 2	21.37	US_1989_Loma Prieta_06_90	1.15 2	21.37	TW_1999_ChiChi_01_90	0.40 0	22.35
	1 5	JP_2007_Noto_02_NS	0.75 3	26.54	JP_2007_Noto_02_NS	0.75 3	26.54	TW_1999_ChiChi_10_90	0.48 0	18.27	US_1989_Loma Prieta_05_195	1.97 0	21.51	US_1989_Loma Prieta_05_195	1.97 0	21.51	TW_1999_ChiChi_03_360	0.32 5	39.57
	1 6	TW_1999_ChiChi_08_90	0.79 1	26.54	TW_1999_ChiChi_08_90	0.79 1	26.54	US_1989_Loma Prieta_03_0	0.73 9	27.00	JP_2004_Chuettsu_06_EW	0.43 8	21.52	JP_2004_Chuettsu_06_EW	0.43 8	21.52	TW_1999_ChiChi_06_360	0.53 5	32.26
	1 7	US_1994_Northridge_03_90	0.58 6	26.76	US_1994_Northridge_03_90	0.58 6	26.76	US_1989_Loma Prieta_04_0	0.45 9	29.25	TW_1999_ChiChi_10_360	0.71 5	21.85	TW_1999_ChiChi_10_360	0.71 5	21.85	TW_1999_ChiChi_07_360	0.52 0	39.01
	1 8	JP_2016_Kumamoto_06_N S	0.72 8	26.86	JP_2016_Kumamoto_06_N S	0.72 8	26.86	US_1989_Loma Prieta_05_285	0.84 6	24.09	TW_1999_ChiChi_01_90	0.40 0	22.35	TW_1999_ChiChi_01_90	0.40 0	22.35	US_1989_Loma Prieta_05_195	1.97 0	21.51
	1 9	JP_2016_Kumamoto_03_N S	0.79 5	26.90	US_1989_Loma Prieta_03_0	0.73 9	27.00	US_1992_Petrolia_02_360	0.34 8	53.32	JP_2016_Kumamoto_03_E W	0.67 8	22.44	JP_2016_Kumamoto_03_E W	0.67 8	22.44	US_1994_Northridge_02_36 0	1.06 1	19.44
	2 0	US_1989_Loma Prieta_03_0	0.73 9	27.00	TW_1999_ChiChi_01_360	0.40 8	27.36	US_1994_Northridge_03_90	0.58 6	26.76	JP_2018_Hokkaido_02_EW	0.67 0	22.56	JP_2018_Hokkaido_02_EW	0.67 0	22.56	US_1994_Northridge_02_90	0.92 5	19.66
MSE	1	TW_1999_ChiChi_10_90	0.48 0	9539.61	TW_1999_ChiChi_10_90	0.48 0	9539.61	CH_2012_GO05_EW	1.42 6	49440.7 8	JP_2004_Chuettsu_05_EW	0.46 0	7298.77	JP_2004_Chuettsu_07_EW	0.63 3	7889.09	CH_2014_Iquique_02_NS	2.84 8	30792.8 5
	2	CH_2014_Iquique_02_EW	2.64 5	14952.0 1	CH_2014_Iquique_02_EW	2.64 5	14952.0 1	CH_2014_Iquique_02_EW	2.64 5	14952.0 1	JP_2004_Chuettsu_07_EW	0.63 3	7889.09	TW_1999_ChiChi_10_90	0.47 5	9488.49	JP_2000_Tottori_01_EW	0.63 3	18831.4 5
	3	JP_1997_Kagoshima_EW	0.76 3	16648.0 8	JP_1997_Kagoshima_EW	0.76 3	16648.0 8	JP_2000_Tottori_01_EW	0.79 6	41037.3 6	TW_1999_ChiChi_10_90	0.47 5	9488.49	JP_2004_Chuettsu_07_NS	0.79 8	10220.8 0	JP_2004_Chuettsu_01_NS	0.25 0	68189.1 6
	4	JP_2004_Chuettsu_05_NS	0.39 6	16727.2 4	JP_2004_Chuettsu_06_EW	0.39 7	18565.8 6	JP_2000_Tottori_05_NS	0.41 5	26415.0 9	JP_2004_Chuettsu_07_NS	0.79 8	10220.8 0	US_1994_Northridge_01_90	1.33 3	11454.3 1	JP_2007_Noto_01_NS	0.43 8	36397.6 6
	5	JP_2004_Chuettsu_06_EW	0.39 7	18565.8 6	JP_2009_Shizuoca_02_EW	0.96 8	18703.8 5	JP_2004_14DEC_EW	0.31 1	23595.8 9	US_1989_Loma Prieta_06_0	0.94 8	10703.9 5	CH_2014_Iquique_02_EW	2.42 4	12179.7 8	JP_2009_Shizuoca_03_EW	1.06 1	21475.2 3
	6	JP_2009_Shizuoca_02_EW	0.96 8	18703.8 5	US_1994_Northridge_02_90	1.08 7	19012.3 4	JP_2004_27OCT_02_EW	0.46 0	81039.9 7	US_1994_Northridge_01_90	1.33 3	11454.3 1	TW_1999_ChiChi_08_90	0.60 3	12652.6 5	JP_2011_15MAR_NS	0.52 8	18037.3 8
	7	US_1994_Northridge_02_90	1.08 7	19012.3 4	JP_2011_15MAR_NS	0.58 7	22472.0 1	JP_2004_Chuettsu_07_NS	0.62 5	25527.8 9	CH_2014_Iquique_02_EW	2.42 4	12179.7 8	JP_2004_14DEC_EW	0.37 8	13488.2 3	JP_2011_Fukushima_02_N S	1.27 3	49685.7 7
	8	JP_2011_15MAR_NS	0.58 7	22472.0 1	JP_2004_Chuettsu_06_NS	0.40 4	23179.2 1	JP_2011_15MAR_NS	0.58 7	22472.0 1	TW_1999_ChiChi_08_90	0.60 3	12652.6 5	TW_1999_ChiChi_08_360	0.89 5	13883.1 2	JP_2016_Kumamoto_04_N S	0.64 8	38867.1 5
	9	JP_2004_Chuettsu_06_NS	0.40 4	23179.2 1	JP_2004_14DEC_EW	0.31 1	23595.8 9	JP_2016_Kumamoto_04_E W	0.38 3	71307.0 5	JP_2004_14DEC_EW	0.37 8	13488.2 3	JP_1997_Kagoshima_EW	0.70 0	14103.0 1	JP_2016_Kumamoto_05_E W	1.21 2	15656.6 9
	1 0	JP_2004_14DEC_EW	0.31 1	23595.8 9	JP_2018_Hokkaido_02_EW	0.80 8	23930.9 9	JP_2018_Hokkaido_02_EW	0.80 8	23930.9 9	TW_1999_ChiChi_08_360	0.89 5	13883.1 2	US_1994_Northridge_02_90	0.97 0	14412.4 5	JP_2016_Kumamoto_06_E W	0.74 5	23935.7 3
	1 1	JP_2018_Hokkaido_02_EW	0.80 8	23930.9 9	JP_2016_Kumamoto_06_E W	0.75 8	24024.5 3	JP_2018_Hokkaido_03_EW	0.32 0	68371.2 3	JP_1997_Kagoshima_EW	0.70 0	14103.0 1	JP_2016_Kumamoto_05_E W	1.21 2	15656.6 9	JP_2018_Hokkaido_05_NS	0.37 0	86614.5 8

REGISTROS SELECCIONADOS CASO Ymr-I T=0.40s - TSepu-tr-975																			
Caso:		TSepu-tr-975_NSp_Sbs			TSepu-tr-975_NSp_Sci			TSepu-tr-975_NSp_Ssr			TSepu-tr-975_NSr_Sbs			TSepu-tr-975_NSr_Sci			TSepu-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	TW_1999_ChiChi_10_90	0.63 3	102.11	TW_1999_ChiChi_10_90	0.63 3	102.11	CH_2012_GO05_EW	1.88 2	231.87	JP_2004_Chuetsu_07_EW	0.82 8	74.56	JP_2004_Chuetsu_07_EW	0.82 8	74.56	CH_2014_Iquique_02_EW	3.27 3	106.44
	2	CH_2014_Iquique_02_EW	3.49 2	112.25	CH_2014_Iquique_02_EW	3.49 2	112.25	CH_2014_Iquique_02_EW	3.49 2	112.25	JP_2004_Chuetsu_05_EW	0.58 0	80.84	JP_2004_Chuetsu_07_NS	1.03 0	94.15	JP_2000_Tottori_01_EW	0.82 8	148.29
	3	JP_2009_Shizuoca_02_EW	1.27 8	126.46	JP_2009_Shizuoca_02_EW	1.27 8	126.46	JP_2000_Tottori_01_EW	1.05 0	217.23	JP_2004_Chuetsu_07_NS	1.03 0	94.15	TW_1999_ChiChi_10_90	0.64 0	101.89	JP_2004_Chuetsu_01_EW	0.25 0	277.00
	4	JP_2004_Chuetsu_06_EW	0.52 4	133.06	JP_2004_Chuetsu_06_EW	0.52 4	133.06	JP_2000_Tottori_05_NS	0.54 8	164.91	TW_1999_ChiChi_10_90	0.64 0	101.89	US_1994_Northridge_01_90	1.69 7	104.38	JP_2007_Noto_01_NS	0.55 8	207.22

	5	JP_1997_Kagoshima_EW	1.00 8	139.48	JP_1997_Kagoshima_EW	1.00 8	139.48	JP_2004_14DEC_EW	0.41 1	150.90	US_1994_Northridge_01_9 0	1.69 7	104.38	CH_2014_Iquique_02_EW	3.27 3	106.44	JP_2007_Noto_02_NS	1.06 1	168.45
	6	JP_2016_Kumamoto_06_N S	0.96 1	144.02	JP_2016_Kumamoto_06_N S	0.96 1	144.02	JP_2004_27OCT_02_EW	0.60 7	291.11	CH_2014_Iquique_02_EW	3.27 3	106.44	TW_1999_ChiChi_08_90	0.77 5	110.56	JP_2009_Shizuoca_03_EW	1.36 4	157.50
	7	JP_2004_Chuetsu_06_NS	0.53 3	144.80	JP_2004_Chuetsu_06_NS	0.53 3	144.80	JP_2004_Chuetsu_06_EW	0.52 4	133.06	TW_1999_ChiChi_08_90	0.77 5	110.56	US_1989_Loma Prieta_06_0	1.18 2	115.80	JP_2011_15MAR_NS	0.65 5	142.57
	8	US_1989_Loma Prieta_06_90	1.67 3	148.22	US_1989_Loma Prieta_06_90	1.67 3	148.22	JP_2004_Chuetsu_07_EW	0.60 1	191.96	US_1989_Loma Prieta_06_0	1.18 2	115.80	TW_1999_ChiChi_08_360	1.12 1	119.30	JP_2011_Fukushima_02_N S	1.33 3	256.84
	9	TW_1999_ChiChi_08_360	0.96 9	149.84	TW_1999_ChiChi_08_360	0.96 9	149.84	JP_2011_15MAR_NS	0.77 5	157.62	TW_1999_ChiChi_08_360	1.12 1	119.30	JP_2004_14DEC_EW	0.48 3	121.08	JP_2011_Fukushima_04_N S	0.53 5	332.35
	10	JP_2004_14DEC_EW	0.41 1	150.90	JP_2004_14DEC_EW	0.41 1	150.90	JP_2011_Fukushima_04_ EW	0.61 5	336.46	JP_2004_14DEC_EW	0.48 3	121.08	JP_2009_Shizuoca_02_EW	1.24 2	124.86	JP_2016_Kumamoto_01_E W	0.67 0	150.50
	11	JP_2016_Kumamoto_06_E W	1.00 0	155.29	JP_2016_Kumamoto_06_E W	1.00 0	155.29	JP_2016_Kumamoto_01_ EW	0.58 7	155.97	JP_2009_Shizuoca_02_EW	1.24 2	124.86	US_1994_Northridge_02_9 0	1.21 2	128.84	JP_2016_Kumamoto_01_N S	0.50 5	191.02
	12	JP_2016_Kumamoto_01_E W	0.58 7	155.97	JP_2016_Kumamoto_01_E W	0.58 7	155.97	JP_2018_Hokkaido_02_E W	1.06 6	170.73	US_1994_Northridge_02_9 0	1.21 2	128.84	JP_2004_Chuetsu_06_EW	0.57 3	129.53	JP_2016_Kumamoto_05_E W	1.57 6	131.10
	13	JP_2004_Chuetsu_05_NS	0.52 2	156.67	JP_2011_15MAR_NS	0.77 5	157.62	JP_2018_Hokkaido_04_E W	0.39 5	240.46	JP_2004_Chuetsu_06_EW	0.57 3	129.53	US_1989_Loma Prieta_06_90	1.51 5	129.61	JP_2018_Hokkaido_05_NS	0.42 3	322.81
	14	JP_2011_15MAR_NS	0.77 5	157.62	JP_2004_Chuetsu_07_NS	0.82 5	157.63	JP_2018_Hokkaido_04_N S	0.43 9	208.65	US_1989_Loma Prieta_06_90	1.51 5	129.61	JP_2016_Kumamoto_05_E W	1.57 6	131.10	TW_1999_ChiChi_01_90	0.52 0	160.27
	15	JP_2004_Chuetsu_07_NS	0.82 5	157.63	US_1994_Northridge_02_9 0	1.43 5	162.08	JP_2018_Hokkaido_07_E W	0.29 2	238.77	JP_2004_Chuetsu_05_NS	0.45 3	130.09	JP_1997_Kagoshima_EW	0.89 5	133.99	TW_1999_ChiChi_07_360	0.75 3	287.83
	16	US_1994_Northridge_02_9 0	1.43 5	162.08	JP_2000_Tottori_05_NS	0.54 8	164.91	TW_1999_ChiChi_08_360	0.96 9	149.84	JP_2016_Kumamoto_05_E W	1.57 6	131.10	US_1989_Loma Prieta_03_90	1.15 2	134.36	TW_1999_ChiChi_08_360	1.12 1	119.30
	17	JP_2000_Tottori_05_NS	0.54 8	164.91	US_1989_Loma Prieta_04_0	0.60 6	167.95	US_1989_Loma Prieta_01_90	0.83 6	212.92	JP_1997_Kagoshima_EW	0.89 5	133.99	US_1989_Loma Prieta_05_195	2.69 7	135.78	US_1989_Loma Prieta_01_0	0.73 8	161.70
	18	US_1989_Loma Prieta_04_0	0.60 6	167.95	US_1989_Loma Prieta_05_195	3.12 9	169.11	US_1989_Loma Prieta_04_0	0.60 6	167.95	US_1989_Loma Prieta_03_90	1.15 2	134.36	US_1994_Northridge_02_3 60	1.30 3	140.17	US_1989_Loma Prieta_03_90	1.15 2	134.36
	19	US_1989_Loma Prieta_05_195	3.12 9	169.11	US_1989_Loma Prieta_03_0	0.97 6	170.64	US_1992_Petrolia_02_360	0.45 9	316.03	US_1989_Loma Prieta_05_195	2.69 7	135.78	JP_2011_15MAR_NS	0.65 5	142.57	US_1994_Northridge_01_9 0	1.69 7	104.38
	20	US_1989_Loma Prieta_03_0	0.97 6	170.64	JP_2018_Hokkaido_02_EW	1.06 6	170.73	US_1994_Northridge_03_9 0	0.77 3	207.37	JP_2016_Kumamoto_06_N S	0.89 5	136.47	JP_2000_Tottori_05_NS	0.64 0	142.97	US_1994_Northridge_03_9 0	0.57 3	178.88
MAP E	1	CH_2014_Iquique_02_EW	3.49 2	14.67	CH_2014_Iquique_02_EW	3.49 2	14.67	CH_2012_GO05_EW	1.88 2	37.16	JP_2004_Chuetsu_07_EW	0.85 0	13.32	JP_2004_Chuetsu_07_EW	0.85 0	13.32	JP_2000_Tottori_01_EW	0.85 0	27.87
	2	TW_1999_ChiChi_10_90	0.63 3	17.72	TW_1999_ChiChi_10_90	0.63 3	17.72	CH_2014_Iquique_02_EW	3.49 2	14.67	CH_2014_Iquique_02_EW	3.39 4	14.28	CH_2014_Iquique_02_EW	3.39 4	14.28	JP_2004_Chuetsu_01_EW	0.25 0	39.99
	3	JP_2009_Shizuoca_02_EW	1.27 8	20.17	JP_2009_Shizuoca_02_EW	1.27 8	20.17	JP_2000_Tottori_01_EW	1.05 0	33.35	JP_2004_Chuetsu_07_NS	1.06 1	15.13	JP_2004_Chuetsu_07_NS	1.06 1	15.13	JP_2007_Noto_01_NS	0.63 3	36.70
	4	JP_2004_Chuetsu_06_EW	0.52 4	21.72	JP_2004_Chuetsu_06_EW	0.52 4	21.72	JP_2000_Tottori_05_NS	0.54 8	33.62	US_1989_Loma Prieta_06_0	1.06 1	16.71	US_1989_Loma Prieta_06_0	1.06 1	16.71	JP_2009_Shizuoca_02_NS	1.12 1	27.92
	5	JP_2004_Chuetsu_06_NS	0.53 3	23.22	JP_2004_Chuetsu_06_NS	0.53 3	23.22	JP_2004_14DEC_EW	0.41 1	28.89	US_1994_Northridge_01_9 0	1.72 7	16.78	US_1994_Northridge_01_9 0	1.72 7	16.78	JP_2009_Shizuoca_03_EW	1.45 5	29.18
	6	JP_1997_Kagoshima_EW	1.00 8	24.46	JP_1997_Kagoshima_EW	1.00 8	24.46	JP_2004_27OCT_02_EW	0.60 7	45.07	TW_1999_ChiChi_10_90	0.65 5	17.35	TW_1999_ChiChi_10_90	0.65 5	17.35	JP_2011_15MAR_NS	0.72 3	25.19
	7	US_1989_Loma Prieta_06_90	1.67 3	24.50	US_1989_Loma Prieta_06_90	1.67 3	24.50	JP_2004_Chuetsu_06_EW	0.52 4	21.72	TW_1999_ChiChi_08_90	0.80 5	18.17	TW_1999_ChiChi_08_90	0.80 5	18.17	JP_2011_Fukushima_02_N S	1.24 2	35.75
	8	JP_2016_Kumamoto_01_E W	0.58 7	24.64	JP_2016_Kumamoto_01_E W	0.58 7	24.64	JP_2004_Chuetsu_07_EW	0.60 1	31.40	US_1994_Northridge_02_3 60	1.30 3	19.46	US_1994_Northridge_02_3 60	1.30 3	19.46	JP_2016_Kumamoto_01_E W	0.63 3	24.29
	9	TW_1999_ChiChi_01_90	0.56 8	24.79	TW_1999_ChiChi_01_90	0.56 8	24.79	JP_2011_15MAR_NS	0.77 5	26.20	JP_2016_Kumamoto_05_E W	1.51 5	19.62	JP_2016_Kumamoto_05_E W	1.51 5	19.62	JP_2016_Kumamoto_01_N S	0.52 8	28.23
	10	US_1989_Loma Prieta_05_285	1.11 7	25.22	US_1989_Loma Prieta_05_285	1.11 7	25.22	JP_2011_Fukushima_04_ EW	0.61 5	54.52	JP_2009_Shizuoca_02_EW	1.21 2	19.94	JP_2009_Shizuoca_02_EW	1.21 2	19.94	JP_2016_Kumamoto_05_E W	1.51 5	19.62
	11	TW_1999_ChiChi_08_360	0.96 9	25.67	TW_1999_ChiChi_08_360	0.96 9	25.67	JP_2016_Kumamoto_01_ EW	0.58 7	24.64	TW_1999_ChiChi_08_360	1.18 2	20.01	TW_1999_ChiChi_08_360	1.18 2	20.01	JP_2016_Kumamoto_06_N S	0.88 8	25.52
	12	JP_2016_Kumamoto_06_E W	1.00 0	25.83	JP_2016_Kumamoto_06_E W	1.00 0	25.83	JP_2018_Hokkaido_02_E W	1.06 6	27.40	US_1989_Loma Prieta_06_90	1.39 4	20.53	US_1989_Loma Prieta_06_90	1.39 4	20.53	JP_2018_Hokkaido_05_NS	0.34 8	45.66
	13	JP_2004_Chuetsu_07_NS	0.82 5	25.97	JP_2004_Chuetsu_07_NS	0.82 5	25.97	JP_2018_Hokkaido_04_E W	0.39 5	38.56	US_1989_Loma Prieta_03_90	1.12 1	20.55	US_1989_Loma Prieta_03_90	1.12 1	20.55	TW_1999_ChiChi_01_90	0.51 3	22.30
	14	JP_2011_15MAR_NS	0.77 5	26.20	JP_2011_15MAR_NS	0.77 5	26.20	JP_2018_Hokkaido_04_N S	0.43 9	34.24	US_1994_Northridge_02_9 0	1.18 2	20.92	US_1994_Northridge_02_9 0	1.18 2	20.92	TW_1999_ChiChi_07_360	0.66 3	39.86
	15	US_1989_Loma Prieta_03_0	0.97 6	26.39	US_1989_Loma Prieta_03_0	0.97 6	26.39	JP_2018_Hokkaido_07_E W	0.29 2	41.47	JP_2004_Chuetsu_06_EW	0.55 0	21.67	JP_2004_Chuetsu_06_EW	0.55 0	21.67	TW_1999_ChiChi_08_360	1.18 2	20.01
	16	US_1994_Northridge_02_9 0	1.43 5	26.93	US_1994_Northridge_02_9 0	1.43 5	26.93	TW_1999_ChiChi_08_360	0.96 9	25.67	TW_1999_ChiChi_01_90	0.51 3	22.30	TW_1999_ChiChi_01_90	0.51 3	22.30	US_1989_Loma Prieta_05_195	2.39 4	23.19
	17	US_1989_Loma Prieta_04_0	0.60 6	27.39	US_1989_Loma Prieta_04_0	0.60 6	27.39	US_1989_Loma Prieta_01_90	0.83 6	33.80	JP_2004_Chuetsu_05_EW	0.55 8	22.40	JP_2016_Kumamoto_03_E W	0.82 8	22.60	US_1992_Petrolia_01_90	0.52 0	35.02
	18	JP_2018_Hokkaido_02_EW	1.06 6	27.40	JP_2018_Hokkaido_02_EW	1.06 6	27.40	US_1989_Loma Prieta_04_0	0.60 6	27.39	JP_2016_Kumamoto_03_E W	0.82 8	22.60	JP_2004_Chuetsu_06_NS	0.55 0	23.09	US_1994_Northridge_01_9 0	1.72 7	16.78
	19	JP_2007_Noto_02_NS	0.99 3	27.69	JP_2007_Noto_02_NS	0.99 3	27.69	US_1992_Petrolia_02_360	0.45 9	51.52	JP_2004_Chuetsu_06_NS	0.55 0	23.09	US_1989_Loma Prieta_05_195	2.39 4	23.19	US_1994_Northridge_02_3 60	1.30 3	19.46
	20	US_1994_Northridge_03_9 0	0.77 3	27.89	US_1994_Northridge_03_9 0	0.77 3	27.89	US_1994_Northridge_03_9 0	0.77 3	27.89	US_1989_Loma Prieta_05_195	2.39 4	23.19	JP_2018_Hokkaido_02_EW	0.86 5	23.20	US_1994_Northridge_03_9 0	0.60 3	24.65
MSE	1	TW_1999_ChiChi_10_90	0.63 3	16473.5 8	TW_1999_ChiChi_10_90	0.63 3	16473.5 8	CH_2012_GO05_EW	1.88 2	69105.05	JP_2004_Chuetsu_07_EW	0.80 5	11832.9 3	JP_2004_Chuetsu_07_EW	0.80 5	11832.9 3	CH_2014_Iquique_02_EW	3.09 1	18916.95
	2	JP_2004_Chuetsu_06_EW	0.52 4	25699.9 7	JP_2004_Chuetsu_06_EW	0.52 4	25699.9 7	CH_2014_Iquique_02_EW	3.49 2	28269.56	JP_2004_Chuetsu_05_EW	0.58 0	12151.4 6	JP_2004_Chuetsu_07_NS	1.03 0	13785.7 4	JP_2000_Tottori_01_EW	0.80 5	29231.12
	3	CH_2014_Iquique_02_EW	3.49 2	28269.5 6	CH_2014_Iquique_02_EW	3.49 2	28269.5 6	JP_2000_Tottori_01_EW	1.05 0	79107.23	JP_2004_Chuetsu_07_NS	1.03 0	13785.7 4	TW_1999_ChiChi_10_90	0.60 3	15071.7 4	JP_2007_Noto_01_NS	0.55 8	59429.07

	4	JP_2009_Shizuoca_02_EW	1.278	30200.97	JP_2009_Shizuoca_02_EW	1.278	30200.97	JP_2000_Tottori_05_NS	0.548	35637.27	TW_1999_ChiChi_10_90	0.603	15071.74	CH_2014_Iquique_02_EW	3.091	18916.95	JP_2007_Noto_02_NS	1.000	54179.72
	5	JP_2004_Chuetsu_05_NS	0.522	30865.14	JP_1997_Kagoshima_EW	1.008	31176.59	JP_2004_14DEC_EW	0.411	31266.77	CH_2014_Iquique_02_EW	3.091	18916.95	TW_1999_ChiChi_08_90	0.768	19761.94	JP_2009_Shizuoca_02_NS	1.394	45728.55
	6	JP_1997_Kagoshima_EW	1.008	31176.59	JP_2004_14DEC_EW	0.411	31266.77	JP_2004_27OCT_02_EW	0.607	119510.22	TW_1999_ChiChi_08_90	0.768	19761.94	JP_2004_14DEC_EW	0.483	19984.29	JP_2009_Shizuoca_03_EW	1.364	30328.05
	7	JP_2004_14DEC_EW	0.411	31266.77	TW_1999_ChiChi_08_360	0.969	31781.10	JP_2004_Chuetsu_06_EW	0.524	25699.97	US_1989_Loma Prieta_06_0	1.212	19965.61	TW_1999_ChiChi_08_360	1.152	20225.75	JP_2011_15MAR_NS	0.670	29048.71
	8	TW_1999_ChiChi_08_360	0.969	31781.10	JP_2004_Chuetsu_07_NS	0.825	32549.39	JP_2004_Chuetsu_07_EW	0.601	46333.61	JP_2004_14DEC_EW	0.483	19984.29	US_1994_Northridge_01_90	1.697	20257.94	JP_2011_Fukushima_02_NS	1.606	82599.28
	9	JP_2004_Chuetsu_07_NS	0.825	32549.39	JP_2000_Tottori_05_NS	0.548	35637.27	JP_2011_15MAR_NS	0.775	42358.66	TW_1999_ChiChi_08_360	1.152	20225.75	JP_1997_Kagoshima_EW	0.895	22350.15	JP_2011_Fukushima_04_NS	0.618	132987.09
	10	JP_2000_Tottori_05_NS	0.548	35637.27	JP_2016_Kumamoto_01_EW	0.587	35910.01	JP_2011_Fukushima_04_EW	0.615	143160.52	US_1994_Northridge_01_90	1.697	20257.94	JP_2004_Chuetsu_06_EW	0.550	24274.41	JP_2016_14APR_NS	1.152	108527.58
	11	JP_2016_Kumamoto_01_EW	0.587	35910.01	JP_2018_Osake_NS	1.023	36876.41	JP_2016_Kumamoto_01_EW	0.587	35910.01	JP_1997_Kagoshima_EW	0.895	22350.15	US_1994_Northridge_02_90	1.242	24363.06	JP_2016_Kumamoto_01_EW	0.655	30183.82
	12	JP_2018_Osake_NS	1.023	36876.41	JP_2004_Chuetsu_06_NS	0.533	37543.91	JP_2018_Hokkaido_02_EW	1.066	46373.07	JP_2004_Chuetsu_05_NS	0.468	24152.25	US_1989_Loma Prieta_06_90	1.394	26074.86	JP_2016_Kumamoto_01_NS	0.475	55680.05
	13	JP_2004_Chuetsu_06_NS	0.533	37543.91	US_1994_Northridge_02_90	1.435	38243.14	JP_2018_Hokkaido_04_EW	0.395	87809.95	JP_2004_Chuetsu_06_EW	0.550	24274.41	JP_2016_Kumamoto_05_EW	1.545	27665.04	JP_2016_Kumamoto_05_EW	1.545	27665.04
	14	US_1994_Northridge_02_90	1.435	38243.14	JP_2016_Kumamoto_06_NS	0.961	39869.05	JP_2018_Hokkaido_04_NS	0.439	70870.00	US_1994_Northridge_02_90	1.242	24363.06	JP_2000_Tottori_05_NS	0.625	27825.40	JP_2021_Miyagi_02_NS	0.423	176619.71
	15	JP_2016_Kumamoto_06_NS	0.961	39869.05	JP_2011_15MAR_NS	0.775	42358.66	JP_2018_Hokkaido_07_EW	0.292	77086.86	US_1989_Loma Prieta_06_90	1.394	26074.86	JP_2009_Shizuoca_02_EW	1.212	28509.66	PE_2012_14MAY_NS	4.000	90465.97
	16	JP_2011_15MAR_NS	0.775	42358.66	JP_2016_Kumamoto_06_EW	1.000	42757.63	TW_1999_ChiChi_08_360	0.969	31781.10	JP_2016_Kumamoto_05_EW	1.545	27665.04	JP_2011_15MAR_NS	0.670	29048.71	TW_1999_ChiChi_08_360	1.152	20225.75
	17	JP_2016_Kumamoto_06_EW	1.000	42757.63	JP_2011_Fukushima_06_EW	0.904	44623.28	US_1989_Loma Prieta_01_90	0.836	63211.92	JP_2000_Tottori_05_NS	0.625	27825.40	JP_2000_Tottori_01_EW	0.805	29231.12	US_1989_Loma Prieta_01_0	0.723	39469.46
	18	JP_2011_Fukushima_06_EW	0.904	44623.28	TW_1999_ChiChi_01_360	0.539	44934.19	US_1989_Loma Prieta_04_0	0.606	47625.34	JP_2009_Shizuoca_02_EW	1.212	28509.66	US_1989_Loma Prieta_03_90	1.121	29472.73	US_1989_Loma Prieta_03_90	1.121	29472.73
	19	TW_1999_ChiChi_01_360	0.539	44934.19	JP_2004_Chuetsu_07_EW	0.601	46333.61	US_1992_Petrolia_02_360	0.459	127268.81	JP_2011_15MAR_NS	0.670	29048.71	US_1989_Loma Prieta_05_195	2.545	29927.13	US_1994_Northridge_01_90	1.697	20257.94
	20	JP_2004_Chuetsu_07_EW	0.601	46333.61	JP_2018_Hokkaido_02_EW	1.066	46373.07	US_1994_Northridge_03_90	0.773	94471.18	JP_2000_Tottori_01_EW	0.805	29231.12	JP_2016_Kumamoto_01_EW	0.655	30183.82	US_1994_Northridge_03_90	0.595	49068.11
RMS E	1	TW_1999_ChiChi_10_90	0.633	128.35	TW_1999_ChiChi_10_90	0.633	128.35	CH_2012_GO05_EW	1.882	262.88	JP_2004_Chuetsu_07_EW	0.805	108.78	JP_2004_Chuetsu_07_EW	0.805	108.78	CH_2014_Iquique_02_EW	3.091	137.54
	2	JP_2004_Chuetsu_06_EW	0.524	160.31	JP_2004_Chuetsu_06_EW	0.524	160.31	CH_2014_Iquique_02_EW	3.492	168.14	JP_2004_Chuetsu_05_EW	0.580	110.23	JP_2004_Chuetsu_07_NS	1.030	117.41	JP_2000_Tottori_01_EW	0.805	170.97
	3	CH_2014_Iquique_02_EW	3.492	168.14	CH_2014_Iquique_02_EW	3.492	168.14	JP_2000_Tottori_01_EW	1.050	281.26	JP_2004_Chuetsu_07_NS	1.030	117.41	TW_1999_ChiChi_10_90	0.603	122.77	JP_2007_Noto_01_NS	0.558	243.78
	4	JP_2009_Shizuoca_02_EW	1.278	173.78	JP_2009_Shizuoca_02_EW	1.278	173.78	JP_2000_Tottori_05_NS	0.548	188.78	TW_1999_ChiChi_10_90	0.603	122.77	CH_2014_Iquique_02_EW	3.091	137.54	JP_2007_Noto_02_NS	1.000	232.77
	5	JP_2004_Chuetsu_05_NS	0.522	175.68	JP_1997_Kagoshima_EW	1.008	176.57	JP_2004_14DEC_EW	0.411	176.82	CH_2014_Iquique_02_EW	3.091	137.54	TW_1999_ChiChi_08_90	0.768	140.58	JP_2009_Shizuoca_02_NS	1.394	213.84
	6	JP_1997_Kagoshima_EW	1.008	176.57	JP_2004_14DEC_EW	0.411	176.82	JP_2004_27OCT_02_EW	0.607	345.70	TW_1999_ChiChi_08_90	0.768	140.58	JP_2004_14DEC_EW	0.483	141.37	JP_2009_Shizuoca_03_EW	1.364	174.15
	7	JP_2004_14DEC_EW	0.411	176.82	TW_1999_ChiChi_08_360	0.969	178.27	JP_2004_Chuetsu_06_EW	0.524	160.31	US_1989_Loma Prieta_06_0	1.212	141.30	TW_1999_ChiChi_08_360	1.152	142.22	JP_2011_15MAR_NS	0.670	170.44
	8	TW_1999_ChiChi_08_360	0.969	178.27	JP_2004_Chuetsu_07_NS	0.825	180.41	JP_2004_Chuetsu_07_EW	0.601	215.25	JP_2004_14DEC_EW	0.483	141.37	US_1994_Northridge_01_90	1.697	142.33	JP_2011_Fukushima_02_NS	1.606	287.40
	9	JP_2004_Chuetsu_07_NS	0.825	180.41	JP_2000_Tottori_05_NS	0.548	188.78	JP_2011_15MAR_NS	0.775	205.81	TW_1999_ChiChi_08_360	1.152	142.22	JP_1997_Kagoshima_EW	0.895	149.50	JP_2011_Fukushima_04_NS	0.618	364.67
	10	JP_2000_Tottori_05_NS	0.548	188.78	JP_2016_Kumamoto_01_EW	0.587	189.50	JP_2011_Fukushima_04_EW	0.615	378.37	US_1994_Northridge_01_90	1.697	142.33	JP_2004_Chuetsu_06_EW	0.550	155.80	JP_2016_14APR_NS	1.152	329.44
	11	JP_2016_Kumamoto_01_EW	0.587	189.50	JP_2018_Osake_NS	1.023	192.03	JP_2016_Kumamoto_01_EW	0.587	189.50	JP_1997_Kagoshima_EW	0.895	149.50	US_1994_Northridge_02_90	1.242	156.09	JP_2016_Kumamoto_01_EW	0.655	173.73
	12	JP_2018_Osake_NS	1.023	192.03	JP_2004_Chuetsu_06_NS	0.533	193.76	JP_2018_Hokkaido_02_EW	1.066	215.34	JP_2004_Chuetsu_05_NS	0.468	155.41	US_1989_Loma Prieta_06_90	1.394	161.48	JP_2016_Kumamoto_01_NS	0.475	235.97
	13	JP_2004_Chuetsu_06_NS	0.533	193.76	US_1994_Northridge_02_90	1.435	195.56	JP_2018_Hokkaido_04_EW	0.395	296.33	JP_2004_Chuetsu_06_EW	0.550	155.80	JP_2016_Kumamoto_05_EW	1.545	166.33	JP_2016_Kumamoto_05_EW	1.545	166.33
	14	US_1994_Northridge_02_90	1.435	195.56	JP_2016_Kumamoto_06_NS	0.961	199.67	JP_2018_Hokkaido_04_NS	0.439	266.21	US_1994_Northridge_02_90	1.242	156.09	JP_2000_Tottori_05_NS	0.625	166.81	JP_2021_Miyagi_02_NS	0.423	420.26
	15	JP_2016_Kumamoto_06_NS	0.961	199.67	JP_2011_15MAR_NS	0.775	205.81	JP_2018_Hokkaido_07_EW	0.292	277.65	US_1989_Loma Prieta_06_90	1.394	161.48	JP_2009_Shizuoca_02_EW	1.212	168.85	PE_2012_14MAY_NS	4.000	300.78
	16	JP_2011_15MAR_NS	0.775	205.81	JP_2016_Kumamoto_06_EW	1.000	206.78	TW_1999_ChiChi_08_360	0.969	178.27	JP_2016_Kumamoto_05_EW	1.545	166.33	JP_2011_15MAR_NS	0.670	170.44	TW_1999_ChiChi_08_360	1.152	142.22
	17	JP_2016_Kumamoto_06_EW	1.000	206.78	JP_2011_Fukushima_06_EW	0.904	211.24	US_1989_Loma Prieta_01_90	0.836	251.42	JP_2000_Tottori_05_NS	0.625	166.81	JP_2000_Tottori_01_EW	0.805	170.97	US_1989_Loma Prieta_01_0	0.723	198.67
	18	JP_2011_Fukushima_06_EW	0.904	211.24	TW_1999_ChiChi_01_360	0.539	211.98	US_1989_Loma Prieta_04_0	0.606	218.23	JP_2009_Shizuoca_02_EW	1.212	168.85	US_1989_Loma Prieta_03_90	1.121	171.68	US_1989_Loma Prieta_03_90	1.121	171.68
	19	TW_1999_ChiChi_01_360	0.539	211.98	JP_2004_Chuetsu_07_EW	0.601	215.25	US_1992_Petrolia_02_360	0.459	356.75	JP_2011_15MAR_NS	0.670	170.44	US_1989_Loma Prieta_05_195	2.545	172.99	US_1994_Northridge_01_90	1.697	142.33
	20	JP_2004_Chuetsu_07_EW	0.601	215.25	JP_2018_Hokkaido_02_EW	1.066	215.34	US_1994_Northridge_03_90	0.773	307.36	JP_2000_Tottori_01_EW	0.805	170.97	JP_2016_Kumamoto_01_EW	0.655	173.73	US_1994_Northridge_03_90	0.595	221.51

REGISTROS SELECCIONADOS CASO Ymr-I T=0.40s - TSepu-tr-2475																			
Caso:		TSepu-tr-2475_NSp_Sbs			TSepu-tr-2475_NSp_Sci			TSepu-tr-2475_NSp_Ssr			TSepu-tr-2475_NSr_Sbs			TSepu-tr-2475_NSr_Sci			TSepu-tr-2475_NSr_Ssr		
ME	N°	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	TW_1999_ChiChi_10_90	0.79 4	142.47	TW_1999_ChiChi_10_90	0.79 4	142.47	CH_2012_GO05_EW	2.36 0	308.33	JP_2004_Chuetsu_05_EW	0.74 5	101.27	JP_2004_Chuetsu_07_EW	1.06 1	104.65	CH_2014_Iquique_02_EW	4.00 0	148.48
	2	JP_2009_Shizuoca_02_EW	1.60 3	153.48	JP_2009_Shizuoca_02_EW	1.60 3	153.48	JP_1997_Kagoshima_NS	1.39 3	248.33	JP_2004_Chuetsu_07_EW	1.06 1	104.65	JP_2004_Chuetsu_07_NS	1.33 3	130.96	JP_2000_Tottori_01_EW	1.03 0	200.70
	3	JP_1997_Kagoshima_EW	1.26 4	173.73	JP_1997_Kagoshima_EW	1.26 4	173.73	JP_2000_Tottori_05_NS	0.68 7	222.11	JP_2004_Chuetsu_07_NS	1.33 3	130.96	US_1994_Northridge_01_90	2.12 1	134.07	JP_2007_Noto_01_NS	0.73 0	271.10
	4	JP_2004_Chuetsu_06_EW	0.65 8	174.27	JP_2004_Chuetsu_06_EW	0.65 8	174.27	JP_2004_27OCT_02_EW	0.76 2	382.64	US_1994_Northridge_01_90	2.12 1	134.07	TW_1999_ChiChi_10_90	0.82 0	140.13	JP_2009_Shizuoca_03_EW	1.69 7	215.88
	5	JP_2016_Kumamoto_06_NS	1.20 6	184.69	JP_2016_Kumamoto_06_NS	1.20 6	184.69	JP_2004_Chuetsu_07_EW	0.75 4	259.46	TW_1999_ChiChi_10_90	0.82 0	140.13	TW_1999_ChiChi_08_90	0.97 8	142.78	JP_2011_15MAR_NS	0.85 8	189.17
	6	JP_2004_Chuetsu_06_NS	0.66 8	186.24	JP_2004_Chuetsu_06_NS	0.66 8	186.24	JP_2004_Chuetsu_07_NS	1.03 5	214.71	TW_1999_ChiChi_08_90	0.97 8	142.78	US_1989_Loma Prieta_06_0	1.51 5	143.67	JP_2011_Fukushima_02_NS	1.72 7	314.05
	7	US_1989_Loma Prieta_06_90	2.09 9	191.27	US_1989_Loma Prieta_06_90	2.09 9	191.27	JP_2009_Shizuoca_03_EW	1.35 5	274.52	US_1989_Loma Prieta_06_0	1.51 5	143.67	CH_2014_Iquique_02_EW	4.00 0	148.48	JP_2011_Fukushima_04_NS	0.67 0	437.32
	8	US_1994_Northridge_02_90	1.80 0	194.85	US_1994_Northridge_02_90	1.80 0	194.85	JP_2011_15MAR_NS	0.97 2	201.19	CH_2014_Iquique_02_EW	4.00 0	148.48	JP_2009_Shizuoca_02_EW	1.57 6	152.57	JP_2016_Kumamoto_01_EW	0.84 3	202.88
	9	JP_2011_15MAR_NS	0.97 2	201.19	JP_2011_15MAR_NS	0.97 2	201.19	JP_2011_Fukushima_04_EW	0.77 2	440.72	JP_2009_Shizuoca_02_EW	1.57 6	152.57	US_1994_Northridge_02_90	1.51 5	160.38	JP_2016_Kumamoto_01_NS	0.66 3	238.21
	10	JP_2004_Chuetsu_05_NS	0.65 5	203.26	TW_1999_ChiChi_08_360	1.21 6	204.56	JP_2016_Kumamoto_01_EW	0.73 6	211.52	US_1994_Northridge_02_90	1.51 5	160.38	TW_1999_ChiChi_08_360	1.45 5	162.35	JP_2016_Kumamoto_05_EW	2.03 0	163.30
	11	TW_1999_ChiChi_08_360	1.21 6	204.56	JP_2016_Kumamoto_06_EW	1.25 4	205.98	JP_2016_Kumamoto_05_EW	2.57 7	270.95	TW_1999_ChiChi_08_360	1.45 5	162.35	JP_2016_Kumamoto_05_EW	2.03 0	163.30	JP_2018_Hokkaido_04_NS	0.59 5	256.82
	12	JP_2016_Kumamoto_06_EW	1.25 4	205.98	US_1989_Loma Prieta_05_195	3.92 4	206.77	JP_2018_Hokkaido_04_EW	0.49 6	319.43	JP_2016_Kumamoto_05_EW	2.03 0	163.30	US_1989_Loma Prieta_05_195	3.42 4	164.62	JP_2018_Hokkaido_05_NS	0.55 8	399.95
	13	US_1989_Loma Prieta_05_195	3.92 4	206.77	JP_2004_14DEC_EW	0.51 6	208.23	JP_2018_Hokkaido_04_NS	0.55 1	267.41	US_1989_Loma Prieta_05_195	3.42 4	164.62	JP_2004_14DEC_EW	0.61 0	165.72	TW_1999_ChiChi_01_90	0.64 8	200.14
	14	JP_2004_14DEC_EW	0.51 6	208.23	JP_2016_Kumamoto_01_EW	0.73 6	211.52	JP_2018_Hokkaido_07_EW	0.36 6	307.28	JP_2004_14DEC_EW	0.61 0	165.72	JP_2004_Chuetsu_06_EW	0.71 5	168.70	TW_1999_ChiChi_08_360	1.45 5	162.35
	15	JP_2016_Kumamoto_01_EW	0.73 6	211.52	US_1989_Loma Prieta_05_285	1.40 1	212.45	JP_2018_Hokkaido_07_NS	0.25 1	365.44	JP_2004_Chuetsu_06_EW	0.71 5	168.70	JP_1997_Kagoshima_EW	1.21 2	172.92	TW_1999_ChiChi_08_90	0.97 8	142.78
	16	US_1989_Loma Prieta_05_285	1.40 1	212.45	TW_1999_ChiChi_01_90	0.71 2	213.67	TW_1999_ChiChi_01_90	0.71 2	213.67	JP_2004_Chuetsu_05_NS	0.57 3	170.61	US_1989_Loma Prieta_06_90	1.87 9	174.36	US_1989_Loma Prieta_01_0	0.93 3	209.40
	17	TW_1999_ChiChi_01_90	0.71 2	213.67	JP_2004_Chuetsu_07_NS	1.03 5	214.71	TW_1999_ChiChi_08_360	1.21 6	204.56	JP_1997_Kagoshima_EW	1.21 2	172.92	US_1994_Northridge_02_360	1.66 7	176.61	US_1989_Loma Prieta_03_90	1.51 5	176.77
	18	JP_2004_Chuetsu_07_NS	1.03 5	214.71	JP_2018_Hokkaido_02_EW	1.33 7	217.80	US_1989_Loma Prieta_04_0	0.76 0	226.05	US_1989_Loma Prieta_06_90	1.87 9	174.36	US_1989_Loma Prieta_03_90	1.51 5	176.77	US_1994_Northridge_01_90	2.12 1	134.07
	19	JP_2018_Hokkaido_02_EW	1.33 7	217.80	TW_1999_ChiChi_01_360	0.67 6	219.39	US_1992_Petrolia_02_360	0.57 6	413.90	US_1994_Northridge_02_360	1.66 7	176.61	JP_2004_Chuetsu_06_NS	0.67 0	186.35	US_1994_Northridge_03_360	0.63 3	296.57
	20	TW_1999_ChiChi_01_360	0.67 6	219.39	JP_2000_Tottori_05_NS	0.68 7	222.11	US_1994_Northridge_03_90	0.97 0	259.97	US_1989_Loma Prieta_03_90	1.51 5	176.77	US_1992_Petrolia_02_270	1.42 4	187.08	US_1994_Northridge_03_90	0.78 3	234.70
MAPE	1	TW_1999_ChiChi_10_90	0.79 4	19.44	TW_1999_ChiChi_10_90	0.79 4	19.44	CH_2012_GO05_EW	2.36 0	38.75	JP_2004_Chuetsu_07_EW	1.09 1	14.64	JP_2004_Chuetsu_07_EW	1.09 1	14.64	CH_2014_Iquique_02_EW	4.00 0	17.07
	2	JP_2009_Shizuoca_02_EW	1.60 3	19.56	JP_2009_Shizuoca_02_EW	1.60 3	19.56	JP_1997_Kagoshima_NS	1.39 3	28.96	US_1989_Loma Prieta_06_0	1.39 4	16.15	US_1989_Loma Prieta_06_0	1.39 4	16.15	JP_2000_Tottori_01_EW	1.06 1	29.21
	3	JP_2004_Chuetsu_06_EW	0.65 8	22.06	JP_2004_Chuetsu_06_EW	0.65 8	22.06	JP_2000_Tottori_05_NS	0.68 7	34.79	JP_2004_Chuetsu_07_NS	1.36 4	16.20	JP_2004_Chuetsu_07_NS	1.36 4	16.20	JP_2007_16JUL_EW	0.85 8	45.06
	4	TW_1999_ChiChi_01_90	0.71 2	23.25	TW_1999_ChiChi_01_90	0.71 2	23.25	JP_2004_27OCT_02_EW	0.76 2	46.51	US_1994_Northridge_01_90	2.27 3	16.90	US_1994_Northridge_01_90	2.27 3	16.90	JP_2007_Noto_01_NS	0.78 3	37.61
	5	US_1989_Loma Prieta_06_90	2.09 9	23.50	US_1989_Loma Prieta_06_90	2.09 9	23.50	JP_2004_Chuetsu_07_EW	0.75 4	33.22	CH_2014_Iquique_02_EW	4.00 0	17.07	CH_2014_Iquique_02_EW	4.00 0	17.07	JP_2009_Shizuoca_03_EW	1.87 9	30.72
	6	US_1989_Loma Prieta_05_285	1.40 1	23.55	US_1989_Loma Prieta_05_285	1.40 1	23.55	JP_2004_Chuetsu_07_NS	1.03 5	27.78	TW_1999_ChiChi_08_90	1.03 0	18.55	TW_1999_ChiChi_08_90	1.03 0	18.55	JP_2011_15MAR_NS	0.94 0	25.83
	7	JP_2004_Chuetsu_06_NS	0.66 8	23.93	JP_2004_Chuetsu_06_NS	0.66 8	23.93	JP_2009_Shizuoca_03_EW	1.35 5	39.13	TW_1999_ChiChi_10_90	0.82 8	18.79	TW_1999_ChiChi_10_90	0.82 8	18.79	JP_2011_Fukushima_02_NS	1.60 6	34.67
	8	JP_1997_Kagoshima_EW	1.26 4	24.08	JP_1997_Kagoshima_EW	1.26 4	24.08	JP_2011_15MAR_NS	0.97 2	26.18	JP_2016_Kumamoto_05_EW	2.00 0	18.85	JP_2016_Kumamoto_05_EW	2.00 0	18.85	JP_2016_Kumamoto_01_EW	0.79 0	24.87
	9	US_1994_Northridge_02_90	1.80 0	24.93	US_1994_Northridge_02_90	1.80 0	24.93	JP_2011_Fukushima_04_EW	0.77 2	55.55	US_1994_Northridge_02_360	1.66 7	19.02	US_1994_Northridge_02_360	1.66 7	19.02	JP_2016_Kumamoto_01_NS	0.66 3	27.65
	10	JP_2016_Kumamoto_01_EW	0.73 6	25.78	JP_2016_Kumamoto_01_EW	0.73 6	25.78	JP_2016_Kumamoto_01_EW	0.73 6	25.78	JP_2009_Shizuoca_02_EW	1.57 6	19.50	JP_2009_Shizuoca_02_EW	1.57 6	19.50	JP_2016_Kumamoto_05_EW	2.00 0	18.85
	11	JP_2011_15MAR_NS	0.97 2	26.18	JP_2011_15MAR_NS	0.97 2	26.18	JP_2016_Kumamoto_05_EW	2.57 7	33.02	US_1994_Northridge_02_90	1.48 5	20.23	US_1994_Northridge_02_90	1.48 5	20.23	JP_2018_Hokkaido_04_NS	0.59 5	33.37
	12	JP_2016_Kumamoto_06_EW	1.25 4	26.25	JP_2016_Kumamoto_06_EW	1.25 4	26.25	JP_2018_Hokkaido_04_EW	0.49 6	40.19	US_1989_Loma Prieta_03_90	1.45 5	20.58	US_1989_Loma Prieta_03_90	1.45 5	20.58	JP_2018_Hokkaido_05_NS	0.47 5	45.42
	13	JP_2016_Kumamoto_06_NS	1.20 6	26.48	JP_2016_Kumamoto_06_NS	1.20 6	26.48	JP_2018_Hokkaido_04_NS	0.55 1	34.47	JP_2004_Chuetsu_05_EW	0.72 3	20.76	US_1989_Loma Prieta_06_90	1.81 8	20.86	TW_1999_ChiChi_01_90	0.64 8	21.78
	14	US_1994_Northridge_03_90	0.97 0	26.96	US_1994_Northridge_03_90	0.97 0	26.96	JP_2018_Hokkaido_07_EW	0.36 6	41.82	US_1989_Loma Prieta_06_90	1.81 8	20.86	TW_1999_ChiChi_08_360	1.54 5	20.99	TW_1999_ChiChi_06_360	0.92 5	32.87
	15	JP_2018_Hokkaido_02_EW	1.33 7	27.03	JP_2018_Hokkaido_02_EW	1.33 7	27.03	JP_2018_Hokkaido_07_NS	0.25 1	47.38	TW_1999_ChiChi_08_360	1.54 5	20.99	TW_1999_ChiChi_01_90	0.64 8	21.78	TW_1999_ChiChi_08_360	1.54 5	20.99

	1 6	JP_2009_Shizuoca_02_NS	1.67 1	27.29	JP_2009_Shizuoca_02_NS	1.67 1	27.29	TW_1999_ChiChi_01_90	0.71 2	23.25	TW_1999_ChiChi_01_90	0.64 8	21.78	JP_2004_Chuetsu_06_EW	0.70 8	22.02	US_1987_WhittierNarrows_01_270	1.78 8	27.78
	1 7	TW_1999_ChiChi_08_360	1.21 6	27.30	TW_1999_ChiChi_08_360	1.21 6	27.30	TW_1999_ChiChi_08_360	1.21 6	27.30	JP_2004_Chuetsu_06_EW	0.70 8	22.02	US_1989_Loma Prieta_05_195	3.24 2	22.16	US_1989_Loma Prieta_04_90	0.87 3	39.15
	1 8	JP_2016_Kumamoto_03_NS	1.31 6	27.38	JP_2007_Noto_02_NS	1.24 6	27.47	US_1989_Loma Prieta_04_0	0.76 0	28.88	US_1989_Loma Prieta_05_195	3.24 2	22.16	US_1992_Petrolia_02_270	1.36 4	23.05	US_1994_Northridge_01_90	2.27 3	16.90
	1 9	JP_2007_Noto_02_NS	1.24 6	27.47	TW_1999_ChiChi_01_360	0.67 6	27.74	US_1992_Petrolia_02_360	0.57 6	52.61	US_1992_Petrolia_02_270	1.36 4	23.05	JP_2016_Kumamoto_03_EW	1.09 1	23.08	US_1994_Northridge_03_360	0.59 5	34.83
	2 0	TW_1999_ChiChi_01_360	0.67 6	27.74	JP_2004_Chuetsu_07_NS	1.03 5	27.78	US_1994_Northridge_03_90	0.97 0	26.96	JP_2016_Kumamoto_03_EW	1.09 1	23.08	US_1989_Loma Prieta_05_285	1.39 4	23.54	US_1994_Northridge_03_90	0.81 3	25.20
MSE	1	TW_1999_ChiChi_10_90	0.79 4	29595.76	TW_1999_ChiChi_10_90	0.79 4	29595.76	CH_2012_GO05_EW	2.36 0	119743.55	JP_2004_Chuetsu_05_EW	0.73 8	18577.69	JP_2004_Chuetsu_07_EW	1.03 0	20277.26	CH_2014_Iquique_02_EW	3.90 9	33505.75
	2	JP_2004_Chuetsu_06_EW	0.65 8	43728.23	JP_2004_Chuetsu_06_EW	0.65 8	43728.23	JP_1997_Kagoshima_NS	1.39 3	112289.60	JP_2004_Chuetsu_07_EW	1.03 0	20277.26	JP_2004_Chuetsu_07_NS	1.30 3	25675.68	JP_2000_Tottori_01_EW	1.03 0	52986.11
	3	JP_2009_Shizuoca_02_EW	1.60 3	43985.52	JP_2009_Shizuoca_02_EW	1.60 3	43985.52	JP_2000_Tottori_05_NS	0.68 7	64922.35	JP_2004_Chuetsu_07_NS	1.30 3	25675.68	TW_1999_ChiChi_10_90	0.76 8	28414.23	JP_2007_Noto_01_NS	0.70 8	103073.97
	4	JP_1997_Kagoshima_EW	1.26 4	47856.33	JP_1997_Kagoshima_EW	1.26 4	47856.33	JP_2004_27OCT_02_EW	0.76 2	198041.21	TW_1999_ChiChi_10_90	0.76 8	28414.23	US_1994_Northridge_01_90	2.15 2	32218.89	JP_2007_Noto_02_NS	1.30 3	83783.00
	5	JP_2004_Chuetsu_05_NS	0.65 5	52084.16	US_1994_Northridge_02_90	1.80 0	55452.46	JP_2004_Chuetsu_07_EW	0.75 4	81314.86	US_1989_Loma Prieta_06_0	1.54 5	30668.88	TW_1999_ChiChi_08_90	0.98 5	32384.23	JP_2008_Iwate_04_NS	1.24 2	136579.86
	6	US_1994_Northridge_02_90	1.80 0	55452.46	JP_2004_14DEC_EW	0.51 6	58461.32	JP_2004_Chuetsu_07_NS	1.03 5	59890.66	US_1994_Northridge_01_90	2.15 2	32218.89	CH_2014_Iquique_02_EW	3.90 9	33505.75	JP_2009_Shizuoca_03_EW	1.72 7	56273.06
	7	JP_2004_14DEC_EW	0.51 6	58461.32	TW_1999_ChiChi_08_360	1.21 6	58827.72	JP_2009_Shizuoca_03_EW	1.35 5	94834.69	TW_1999_ChiChi_08_90	0.98 5	32384.23	TW_1999_ChiChi_08_360	1.45 5	37101.72	JP_2011_15MAR_NS	0.85 0	51179.37
	8	TW_1999_ChiChi_08_360	1.21 6	58827.72	JP_2004_Chuetsu_07_NS	1.03 5	59890.66	JP_2011_15MAR_NS	0.97 2	68730.74	CH_2014_Iquique_02_EW	3.90 9	33505.75	JP_1997_Kagoshima_EW	1.12 1	37235.55	JP_2016_Kumamoto_01_EW	0.83 5	53299.03
	9	JP_2004_Chuetsu_07_NS	1.03 5	59890.66	JP_2004_Chuetsu_06_NS	0.66 8	61991.92	JP_2011_Fukushima_04_EW	0.77 2	241538.39	TW_1999_ChiChi_08_360	1.45 5	37101.72	JP_2004_14DEC_EW	0.61 0	37402.21	JP_2016_Kumamoto_01_NS	0.61 0	86780.85
	10	JP_2004_Chuetsu_06_NS	0.66 8	61991.92	JP_2016_Kumamoto_06_NS	1.20 6	62395.67	JP_2016_Kumamoto_01_EW	0.73 6	64748.24	JP_1997_Kagoshima_EW	1.12 1	37235.55	US_1994_Northridge_02_90	1.57 6	37890.85	JP_2016_Kumamoto_03_EW	1.03 0	81506.74
	11	JP_2016_Kumamoto_06_NS	1.20 6	62395.67	JP_2016_Kumamoto_01_EW	0.73 6	64748.24	JP_2016_Kumamoto_05_EW	2.57 7	119510.55	JP_2004_14DEC_EW	0.61 0	37402.21	JP_2004_Chuetsu_06_EW	0.70 8	39908.01	JP_2016_Kumamoto_05_EW	1.97 0	43734.22
	12	JP_2016_Kumamoto_01_EW	0.73 6	64748.24	JP_2000_Tottori_05_NS	0.68 7	64922.35	JP_2018_Hokkaido_04_EW	0.49 6	146180.80	US_1994_Northridge_02_90	1.57 6	37890.85	JP_2009_Shizuoca_02_EW	1.54 5	42742.74	TW_1999_ChiChi_01_90	0.70 0	79294.86
	13	JP_2000_Tottori_05_NS	0.68 7	64922.35	TW_1999_ChiChi_01_360	0.67 6	67942.75	JP_2018_Hokkaido_04_NS	0.55 1	115314.95	JP_2004_Chuetsu_06_EW	0.70 8	39908.01	JP_2016_Kumamoto_05_EW	1.97 0	43734.22	TW_1999_ChiChi_03_90	0.50 5	208086.88
	14	TW_1999_ChiChi_01_360	0.67 6	67942.75	JP_2011_15MAR_NS	0.97 2	68730.74	JP_2018_Hokkaido_07_EW	0.36 6	127357.74	JP_2009_Shizuoca_02_EW	1.54 5	42742.74	US_1989_Loma Prieta_06_90	1.75 8	47109.60	TW_1999_ChiChi_08_360	1.45 5	37101.72
	15	JP_2011_15MAR_NS	0.97 2	68730.74	JP_2018_Osake_NS	1.28 4	69044.79	JP_2018_Hokkaido_07_NS	0.25 1	174072.19	JP_2016_Kumamoto_05_EW	1.97 0	43734.22	US_1989_Loma Prieta_05_195	3.24 2	47174.67	TW_1999_ChiChi_08_90	0.98 5	32384.23
	16	JP_2018_Osake_NS	1.28 4	69044.79	JP_2016_Kumamoto_06_EW	1.25 4	71066.81	TW_1999_ChiChi_01_90	0.71 2	79506.21	JP_2004_Chuetsu_05_NS	0.59 5	43838.99	US_1992_Petrolia_02_270	1.45 5	49202.50	US_1989_Loma Prieta_01_0	0.91 8	67243.73
	17	JP_2016_Kumamoto_06_EW	1.25 4	71066.81	JP_2009_Shizuoca_02_NS	1.67 1	72158.19	TW_1999_ChiChi_08_360	1.21 6	58827.72	US_1989_Loma Prieta_06_90	1.75 8	47109.60	JP_2000_Tottori_05_NS	0.79 0	49856.47	US_1989_Loma Prieta_03_90	1.42 4	51960.40
	18	JP_2009_Shizuoca_02_NS	1.67 1	72158.19	JP_2018_Hokkaido_02_EW	1.33 7	73587.64	US_1989_Loma Prieta_04_0	0.76 0	81855.65	US_1989_Loma Prieta_05_195	3.24 2	47174.67	JP_2011_15MAR_NS	0.85 0	51179.37	US_1989_Loma Prieta_04_90	1.00 0	132850.34
	19	JP_2018_Hokkaido_02_EW	1.33 7	73587.64	US_1989_Loma Prieta_06_90	2.09 9	75958.75	US_1992_Petrolia_02_360	0.57 6	213061.40	US_1992_Petrolia_02_270	1.45 5	49202.50	US_1994_Northridge_02_360	1.78 8	51193.67	US_1994_Northridge_01_90	2.15 2	32218.89
	20	JP_2004_Chuetsu_05_EW	0.93 0	75590.90	US_1992_Petrolia_02_270	1.74 7	79399.31	US_1994_Northridge_03_90	0.97 0	149421.06	JP_2000_Tottori_05_NS	0.79 0	49856.47	US_1989_Loma Prieta_03_90	1.42 4	51960.40	US_1994_Northridge_03_90	0.75 3	84111.97
RMS E	1	TW_1999_ChiChi_10_90	0.79 4	172.03	TW_1999_ChiChi_10_90	0.79 4	172.03	CH_2012_GO05_EW	2.36 0	346.04	JP_2004_Chuetsu_05_EW	0.73 8	136.30	JP_2004_Chuetsu_07_EW	1.03 0	142.40	CH_2014_Iquique_02_EW	3.90 9	183.05
	2	JP_2004_Chuetsu_06_EW	0.65 8	209.11	JP_2004_Chuetsu_06_EW	0.65 8	209.11	JP_1997_Kagoshima_NS	1.39 3	335.10	JP_2004_Chuetsu_07_EW	1.03 0	142.40	JP_2004_Chuetsu_07_NS	1.30 3	160.24	JP_2000_Tottori_01_EW	1.03 0	230.19
	3	JP_2009_Shizuoca_02_EW	1.60 3	209.73	JP_2009_Shizuoca_02_EW	1.60 3	209.73	JP_2000_Tottori_05_NS	0.68 7	254.80	JP_2004_Chuetsu_07_NS	1.30 3	160.24	TW_1999_ChiChi_10_90	0.76 8	168.57	JP_2007_Noto_01_NS	0.70 8	321.05
	4	JP_1997_Kagoshima_EW	1.26 4	218.76	JP_1997_Kagoshima_EW	1.26 4	218.76	JP_2004_27OCT_02_EW	0.76 2	445.02	TW_1999_ChiChi_10_90	0.76 8	168.57	US_1994_Northridge_01_90	2.15 2	179.50	JP_2007_Noto_02_NS	1.30 3	289.45
	5	JP_2004_Chuetsu_05_NS	0.65 5	228.22	US_1994_Northridge_02_90	1.80 0	235.48	JP_2004_Chuetsu_07_EW	0.75 4	285.16	US_1989_Loma Prieta_06_0	1.54 5	175.13	TW_1999_ChiChi_08_90	0.98 5	179.96	JP_2008_Iwate_04_NS	1.24 2	369.57
	6	US_1994_Northridge_02_90	1.80 0	235.48	JP_2004_14DEC_EW	0.51 6	241.79	JP_2004_Chuetsu_07_NS	1.03 5	244.73	US_1994_Northridge_01_90	2.15 2	179.50	CH_2014_Iquique_02_EW	3.90 9	183.05	JP_2009_Shizuoca_03_EW	1.72 7	237.22
	7	JP_2004_14DEC_EW	0.51 6	241.79	TW_1999_ChiChi_08_360	1.21 6	242.54	JP_2009_Shizuoca_03_EW	1.35 5	307.95	TW_1999_ChiChi_08_90	0.98 5	179.96	TW_1999_ChiChi_08_360	1.45 5	192.62	JP_2011_15MAR_NS	0.85 0	226.23
	8	TW_1999_ChiChi_08_360	1.21 6	242.54	JP_2004_Chuetsu_07_NS	1.03 5	244.73	JP_2011_15MAR_NS	0.97 2	262.17	CH_2014_Iquique_02_EW	3.90 9	183.05	JP_1997_Kagoshima_EW	1.12 1	192.97	JP_2016_Kumamoto_01_EW	0.83 5	230.87
	9	JP_2004_Chuetsu_07_NS	1.03 5	244.73	JP_2004_Chuetsu_06_NS	0.66 8	248.98	JP_2011_Fukushima_04_EW	0.77 2	491.47	TW_1999_ChiChi_08_360	1.45 5	192.62	JP_2004_14DEC_EW	0.61 0	193.40	JP_2016_Kumamoto_01_NS	0.61 0	294.59
	10	JP_2004_Chuetsu_06_NS	0.66 8	248.98	JP_2016_Kumamoto_06_NS	1.20 6	249.79	JP_2016_Kumamoto_01_EW	0.73 6	254.46	JP_1997_Kagoshima_EW	1.12 1	192.97	US_1994_Northridge_02_90	1.57 6	194.66	JP_2016_Kumamoto_03_EW	1.03 0	285.49
	11	JP_2016_Kumamoto_06_NS	1.20 6	249.79	JP_2016_Kumamoto_01_EW	0.73 6	254.46	JP_2016_Kumamoto_05_EW	2.57 7	345.70	JP_2004_14DEC_EW	0.61 0	193.40	JP_2004_Chuetsu_06_EW	0.70 8	199.77	JP_2016_Kumamoto_05_EW	1.97 0	209.13
	12	JP_2016_Kumamoto_01_EW	0.73 6	254.46	JP_2000_Tottori_05_NS	0.68 7	254.80	JP_2018_Hokkaido_04_EW	0.49 6	382.34	US_1994_Northridge_02_90	1.57 6	194.66	JP_2009_Shizuoca_02_EW	1.54 5	206.74	TW_1999_ChiChi_01_90	0.70 0	281.59
	13	JP_2000_Tottori_05_NS	0.68 7	254.80	TW_1999_ChiChi_01_360	0.67 6	260.66	JP_2018_Hokkaido_04_NS	0.55 1	339.58	JP_2004_Chuetsu_06_EW	0.70 8	199.77	JP_2016_Kumamoto_05_EW	1.97 0	209.13	TW_1999_ChiChi_03_90	0.50 5	456.17
	14	TW_1999_ChiChi_01_360	0.67 6	260.66	JP_2011_15MAR_NS	0.97 2	262.17	JP_2018_Hokkaido_07_EW	0.36 6	356.87	JP_2009_Shizuoca_02_EW	1.54 5	206.74	US_1989_Loma Prieta_06_90	1.75 8	217.05	TW_1999_ChiChi_08_360	1.45 5	192.62

	15	JP_2011_15MAR_NS	0.972	262.17	JP_2018_Osake_NS	1.284	262.76	JP_2018_Hokkaido_07_N S	0.251	417.22	JP_2016_Kumamoto_05_E W	1.970	209.13	US_1989_Loma Prieta_05_195	3.242	217.20	TW_1999_ChiChi_08_90	0.985	179.96
	16	JP_2018_Osake_NS	1.284	262.76	JP_2016_Kumamoto_06_E W	1.254	266.58	TW_1999_ChiChi_01_90	0.712	281.97	JP_2004_Chuetsu_05_NS	0.595	209.38	US_1992_Petrolia_02_270	1.455	221.82	US_1989_Loma Prieta_01_0	0.918	259.31
	17	JP_2016_Kumamoto_06_E W	1.254	266.58	JP_2009_Shizuoca_02_NS	1.671	268.62	TW_1999_ChiChi_08_360	1.216	242.54	US_1989_Loma Prieta_06_90	1.758	217.05	JP_2000_Tottori_05_NS	0.790	223.29	US_1989_Loma Prieta_03_90	1.424	227.95
	18	JP_2009_Shizuoca_02_NS	1.671	268.62	JP_2018_Hokkaido_02_EW	1.337	271.27	US_1989_Loma Prieta_04_0	0.760	286.10	US_1989_Loma Prieta_05_195	3.242	217.20	JP_2011_15MAR_NS	0.850	226.23	US_1989_Loma Prieta_04_90	1.000	364.49
	19	JP_2018_Hokkaido_02_EW	1.337	271.27	US_1989_Loma Prieta_06_90	2.099	275.61	US_1992_Petrolia_02_360	0.576	461.59	US_1992_Petrolia_02_270	1.455	221.82	US_1994_Northridge_02_360	1.788	226.26	US_1994_Northridge_01_90	2.152	179.50
	20	JP_2004_Chuetsu_05_EW	0.930	274.94	US_1992_Petrolia_02_270	1.747	281.78	US_1994_Northridge_03_90	0.970	386.55	JP_2000_Tottori_05_NS	0.790	223.29	US_1989_Loma Prieta_03_90	1.424	227.95	US_1994_Northridge_03_90	0.753	290.02

REGISTROS SELECCIONADOS CASO Ymr-II T=0.08s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	US_1991_Petrolia_90	1.296	162.39	US_1991_Petrolia_360	1.332	169.80	JP_1996_21DEC_EW	1.581	381.15	US_1986_North Palm Springs_0	1.333	106.02	US_1986_North Palm Springs_0	1.333	106.02	JP_1996_21DEC_UD	2.152	309.71
	2	US_1991_Petrolia_360	1.332	169.80	JP_2004_23OCT_NS	3.036	215.01	JP_1996_Nagano_EW	0.645	443.88	US_2005_Anza_01_360	3.697	140.31	US_2005_Anza_01_360	3.697	140.31	JP_1996_Nagano_NS	1.818	355.94
	3	JP_2004_23OCT_NS	3.036	215.01	JP_1997_Shizuoca_NS	1.897	231.57	JP_1996_Nagano_NS	0.756	421.75	US_1986_North Palm Springs_90	1.667	143.77	US_1986_North Palm Springs_90	1.667	143.77	JP_1997_Shizuoca_NS	1.697	222.02
	4	JP_1997_Shizuoca_NS	1.897	231.57	JP_2016_Kumamoto_02_NS	2.370	232.45	JP_1997_Shizuoca_EW	1.335	247.27	PE_1974_09NOV_01_EW	3.545	151.67	PE_1974_09NOV_01_EW	3.545	151.67	JP_2004_23OCT_EW	1.242	156.42
	5	JP_2016_Kumamoto_02_NS	2.370	232.45	US_1986_North Palm Springs_0	1.942	240.27	JP_1997_Shizuoca_NS	1.897	231.57	US_1991_Petrolia_90	1.152	152.55	US_1991_Petrolia_90	1.152	152.55	JP_2004_25OCT_NS	0.993	296.64
	6	US_1986_North Palm Springs_0	1.942	240.27	JP_2004_25OCT_EW	2.746	247.24	JP_2000_Mie_NS	1.311	455.46	US_1991_Petrolia_360	1.636	154.68	US_1991_Petrolia_360	1.636	154.68	JP_2004_ChuetsuAftershock_02_NS	1.485	207.80
	7	JP_2004_25OCT_EW	2.746	247.24	JP_1997_Shizuoca_EW	1.335	247.27	JP_2004_25OCT_EW	2.746	247.24	JP_2004_23OCT_EW	1.242	156.42	JP_2004_23OCT_EW	1.242	156.42	JP_2011_16APR_01_EW	1.848	336.03
	8	JP_1997_Shizuoca_EW	1.335	247.27	JP_2016_Kumamoto_02_EW	1.459	248.72	JP_2004_25OCT_NS	0.964	297.65	JP_2004_23OCT_NS	2.152	173.59	JP_2004_23OCT_NS	2.152	173.59	JP_2011_16APR_02_EW	1.061	260.08
	9	JP_2016_Kumamoto_02_EW	1.459	248.72	JP_2011_16APR_02_NS	0.605	249.97	JP_2011_16APR_01_NS	1.662	386.53	JP_2019_21FEB_EW	1.273	182.25	JP_2019_21FEB_EW	1.273	182.25	JP_2011_16APR_02_NS	0.655	243.53
	10	JP_2011_16APR_02_NS	0.605	249.97	JP_2011_16APR_03_NS	0.751	253.07	JP_2011_16APR_02_EW	1.054	259.91	JP_2004_ChuetsuAftershock_02_EW	1.121	184.51	JP_2004_ChuetsuAftershock_02_EW	1.121	184.51	JP_2019_21FEB_EW	1.273	182.25
	11	JP_2011_16APR_03_NS	0.751	253.07	US_2005_Anza_01_90	2.408	258.28	JP_2011_16APR_02_NS	0.605	249.97	US_1981_Westmorland_90	1.212	188.34	US_1991_SierraMadre_0	1.030	189.11	JP_2019_21FEB_NS	1.152	220.32
	12	US_2005_Anza_01_90	2.408	258.28	JP_2011_16APR_02_EW	1.054	259.91	JP_2011_16APR_03_NS	0.751	253.07	US_1991_SierraMadre_0	1.030	189.11	US_1981_Westmorland_180	1.061	189.57	PE_1974_09NOV_01_EW	3.545	151.67
	13	JP_2011_16APR_02_EW	1.054	259.91	US_1981_Westmorland_180	1.617	282.78	JP_2016_Kumamoto_02_EW	1.459	248.72	US_1981_Westmorland_180	1.061	189.57	PE_1974_09NOV_01_NS	4.000	196.69	PE_1974_09NOV_01_NS	4.000	196.69
	14	US_1981_Westmorland_180	1.617	282.78	US_1986_North Palm Springs_90	2.672	285.05	JP_2016_Kumamoto_02_NS	2.370	232.45	PE_1974_09NOV_01_NS	4.000	196.69	US_1991_SierraMadre_90	3.152	204.93	PE_1974_09NOV_02_EW	4.000	382.90
	15	US_1986_North Palm Springs_90	2.672	285.05	US_2005_Anza_02_90	1.283	286.91	JP_2019_21FEB_EW	2.085	295.79	US_1991_SierraMadre_90	3.152	204.93	JP_2004_ChuetsuAftershock_02_NS	1.485	207.80	PE_1974_09NOV_02_NS	4.000	312.95
	16	US_2005_Anza_02_90	1.283	286.91	JP_2019_21FEB_EW	2.085	295.79	US_1981_Westmorland_180	1.617	282.78	JP_2004_ChuetsuAftershock_02_NS	1.485	207.80	JP_2019_21FEB_NS	1.152	220.32	US_1981_Westmorland_180	1.061	189.57
	17	JP_2019_21FEB_EW	2.085	295.79	JP_2004_25OCT_NS	0.964	297.65	US_1981_Westmorland_90	1.889	383.29	JP_2019_21FEB_NS	1.152	220.32	JP_1997_Shizuoca_NS	1.697	222.02	US_1981_Westmorland_90	1.212	188.34
	18	JP_2004_25OCT_NS	0.964	297.65	US_2005_Anza_02_360	1.764	318.49	US_1986_North Palm Springs_0	1.942	240.27	JP_1997_Shizuoca_NS	1.697	222.02	JP_1997_Shizuoca_EW	1.030	226.30	US_1991_Petrolia_90	1.152	152.55
	19	US_2005_Anza_02_360	1.764	318.49	US_1991_SierraMadre_0	2.054	380.08	US_1991_SierraMadre_0	2.054	380.08	JP_1997_Shizuoca_EW	1.030	226.30	JP_2016_Kumamoto_02_NS	2.576	228.99	US_1991_SierraMadre_0	1.030	189.11
	20	US_1991_SierraMadre_0	2.054	380.08	JP_1996_21DEC_EW	1.581	381.15	US_2005_Anza_02_360	1.764	318.49	JP_2016_Kumamoto_02_NS	2.576	228.99	JP_2011_16APR_03_NS	0.873	239.21	US_2005_Anza_01_360	3.697	140.31
MAP E	1	US_1991_Petrolia_90	1.296	34.49	JP_2004_23OCT_NS	3.036	36.17	JP_1996_21DEC_EW	1.581	72.27	US_1986_North Palm Springs_0	1.364	18.89	US_1986_North Palm Springs_0	1.364	18.89	JP_1996_21DEC_EW	1.242	70.55
	2	JP_2004_23OCT_NS	3.036	36.17	US_1986_North Palm Springs_0	1.942	36.40	JP_1996_Nagano_EW	0.645	76.57	JP_2004_23OCT_EW	1.333	24.27	JP_2004_23OCT_EW	1.333	24.27	JP_1997_Shizuoca_EW	1.273	44.06
	3	US_1986_North Palm Springs_0	1.942	36.40	US_1991_SierraMadre_0	2.054	40.72	JP_1996_Nagano_NS	0.756	76.71	US_1981_Westmorland_180	1.061	31.92	US_1981_Westmorland_180	1.061	31.92	JP_1997_Shizuoca_NS	1.818	54.01
	4	US_1991_SierraMadre_0	2.054	40.72	US_1986_North Palm Springs_90	2.672	41.39	JP_1997_Shizuoca_EW	1.335	44.09	PE_1974_09NOV_01_EW	3.788	33.08	PE_1974_09NOV_01_EW	3.788	33.08	JP_2000_Mie_NS	0.985	80.55
	5	US_1986_North Palm Springs_90	2.672	41.39	US_1991_Petrolia_360	1.332	42.41	JP_1997_Shizuoca_NS	1.897	54.14	US_1991_Petrolia_90	1.273	34.47	US_1991_Petrolia_90	1.273	34.47	JP_2004_23OCT_EW	1.333	24.27
	6	US_1991_Petrolia_360	1.332	42.41	JP_1997_Shizuoca_EW	1.335	44.09	JP_2000_Mie_NS	1.311	82.19	US_1986_North Palm Springs_90	1.879	34.87	US_1986_North Palm Springs_90	1.879	34.87	JP_2004_23OCT_NS	2.758	35.45
	7	JP_1997_Shizuoca_EW	1.335	44.09	US_1981_Westmorland_180	1.617	45.43	JP_2004_25OCT_EW	2.746	56.39	JP_2004_23OCT_NS	2.758	35.45	JP_2004_23OCT_NS	2.758	35.45	JP_2004_25OCT_EW	2.758	56.40
	8	US_1981_Westmorland_180	1.617	45.43	JP_2016_Kumamoto_02_NS	2.370	46.08	JP_2004_25OCT_NS	0.964	64.58	JP_2016_Kumamoto_02_NS	4.000	36.11	US_1981_Westmorland_90	0.873	36.71	JP_2004_25OCT_NS	1.394	63.65

	9	JP_2016_Kumamoto_02_NS	2.37 0	46.08	JP_2019_21FEB_EW	2.08 5	48.57	JP_2011_16APR_01_NS	1.66 2	74.24	US_1981_Westmorland_90	0.87 3	36.71	US_1991_Petrolia_360	1.81 8	36.73	JP_2004_ChuetuAftershock_02_EW	1.15 2	41.62
	10	JP_2019_21FEB_EW	2.08 5	48.57	JP_2016_Kumamoto_02_EW	1.45 9	53.36	JP_2011_16APR_02_EW	1.05 4	61.72	US_1991_Petrolia_360	1.81 8	36.73	US_1991_SierraMadre_0	1.81 8	37.38	JP_2011_16APR_01_EW	2.12 1	66.68
	11	JP_2016_Kumamoto_02_EW	1.45 9	53.36	JP_1997_Shizuoca_NS	1.89 7	54.14	JP_2011_16APR_02_NS	0.60 5	60.72	US_1991_SierraMadre_0	1.81 8	37.38	US_2005_Anza_01_360	4.00 0	38.08	JP_2011_16APR_01_NS	1.27 3	73.92
	12	JP_1997_Shizuoca_NS	1.89 7	54.14	JP_2004_25OCT_EW	2.74 6	56.39	JP_2011_16APR_03_NS	0.75 1	59.53	US_2005_Anza_01_360	4.00 0	38.08	JP_2004_ChuetuAftershock_02_EW	1.15 2	41.62	JP_2011_16APR_02_EW	1.21 2	60.95
	13	JP_2004_25OCT_EW	2.74 6	56.39	US_2005_Anza_01_90	2.40 8	58.99	JP_2016_Kumamoto_02_EW	1.45 9	53.36	JP_2004_ChuetuAftershock_02_EW	1.15 2	41.62	JP_1997_Shizuoca_EW	1.27 3	44.06	JP_2012_30AGO_EW	0.84 3	78.94
	14	US_2005_Anza_01_90	2.40 8	58.99	JP_2011_16APR_03_NS	0.75 1	59.53	JP_2016_Kumamoto_02_NS	2.37 0	46.08	JP_1997_Shizuoca_EW	1.27 3	44.06	JP_2019_21FEB_EW	1.42 4	44.54	PE_1974_09NOV_02_EW	4.00 0	71.61
	15	JP_2011_16APR_03_NS	0.75 1	59.53	JP_2011_16APR_02_NS	0.60 5	60.72	JP_2019_21FEB_EW	2.08 5	48.57	JP_2019_21FEB_EW	1.42 4	44.54	PE_1974_09NOV_01_NS	4.00 0	45.03	US_1986_North Palm Springs_0	1.36 4	18.89
	16	JP_2011_16APR_02_NS	0.60 5	60.72	JP_2011_16APR_02_EW	1.05 4	61.72	US_1981_Westmorland_180	1.61 7	45.43	PE_1974_09NOV_01_NS	4.00 0	45.03	JP_2019_21FEB_NS	1.30 3	48.25	US_1991_Petrolia_90	1.27 3	34.47
	17	JP_2011_16APR_02_EW	1.05 4	61.72	JP_2004_23OCT_EW	2.11 7	63.77	US_1981_Westmorland_90	1.88 9	79.41	JP_1996_21DEC_UD	3.09 1	47.65	JP_2004_ChuetuAftershock_02_NS	1.51 5	48.68	US_2005_Anza_01_360	4.00 0	38.08
	18	JP_2004_23OCT_EW	2.11 7	63.77	JP_2004_25OCT_NS	0.96 4	64.58	US_1986_North Palm Springs_0	1.94 2	36.40	JP_1996_Nagano_NS	3.60 6	48.09	US_1991_SierraMadre_90	3.81 8	49.19	US_2005_Anza_01_90	2.27 3	58.84
	19	JP_2004_25OCT_NS	0.96 4	64.58	JP_2004_ChuetuAftershock_02_EW	2.02 3	64.71	US_1991_SierraMadre_0	2.05 4	40.72	JP_2019_21FEB_NS	1.30 3	48.25	JP_2016_Kumamoto_02_EW	1.39 4	53.31	US_2005_Anza_02_360	1.45 5	66.76
	20	JP_2004_ChuetuAftershock_02_EW	2.02 3	64.71	JP_2019_21FEB_NS	2.11 6	65.25	US_2005_Anza_02_360	1.76 4	67.08	JP_2004_ChuetuAftershock_02_NS	1.51 5	48.68	JP_1997_Shizuoca_NS	1.81 8	54.01	US_2005_Anza_02_90	1.15 2	66.00
MSE	1	US_1991_Petrolia_360	1.33 2	37989.7 7	US_1991_Petrolia_360	1.33 2	37989.7 7	JP_1996_21DEC_EW	1.58 1	384722.15	US_2005_Anza_01_360	3.66 7	24893.18	US_2005_Anza_01_360	3.66 7	24893.18	JP_1996_21DEC_EW	0.85 0	170605.16
	2	US_1991_Petrolia_90	1.29 6	49023.2 9	JP_1997_Shizuoca_NS	1.89 7	72850.5 3	JP_1996_Nagano_EW	0.64 5	317701.12	US_1986_North Palm Springs_90	1.63 6	29034.69	US_1986_North Palm Springs_90	1.63 6	29034.69	JP_1996_21DEC_UD	2.27 3	160352.01
	3	JP_1997_Shizuoca_NS	1.89 7	72850.5 3	JP_2016_Kumamoto_02_NS	2.37 0	79819.0 1	JP_1996_Nagano_NS	0.75 6	268728.69	US_1986_North Palm Springs_0	1.27 3	29465.92	US_1986_North Palm Springs_0	1.27 3	29465.92	JP_1997_Shizuoca_EW	0.82 8	89612.02
	4	JP_2016_Kumamoto_02_NS	2.37 0	79819.0 1	JP_2011_16APR_03_NS	0.75 1	81332.7 3	JP_1997_Shizuoca_EW	1.33 5	226562.00	US_1991_Petrolia_360	1.51 5	31226.16	US_1991_Petrolia_360	1.51 5	31226.16	JP_2000_Mie_NS	0.69 3	269136.49
	5	JP_2011_16APR_03_NS	0.75 1	81332.7 3	JP_2011_16APR_02_NS	0.60 5	85470.4 6	JP_1997_Shizuoca_NS	1.89 7	72850.5 3	US_1991_Petrolia_90	1.09 1	32628.30	US_1991_Petrolia_90	1.09 1	32628.30	JP_2004_25OCT_NS	1.03 0	120898.00
	6	JP_2011_16APR_02_NS	0.60 5	85470.4 6	US_2005_Anza_01_90	2.40 8	87627.3 3	JP_2000_Mie_NS	1.31 1	417678.49	PE_1974_09NOV_01_EW	3.42 4	35752.33	PE_1974_09NOV_01_EW	3.42 4	35752.33	JP_2004_ChuetuAftershock_02_NS	1.39 4	63859.31
	7	US_2005_Anza_01_90	2.40 8	87627.3 3	JP_2004_25OCT_EW	2.74 6	94672.6 4	JP_2004_25OCT_EW	2.74 6	94672.6 4	JP_2019_21FEB_EW	1.27 3	44019.30	JP_2019_21FEB_EW	1.27 3	44019.30	JP_2011_16APR_01_EW	2.03 0	161477.23
	8	JP_2004_25OCT_EW	2.74 6	94672.6 4	JP_2011_16APR_02_EW	1.05 4	96266.5 9	JP_2004_25OCT_NS	0.96 4	122042.79	JP_2004_23OCT_NS	2.09 1	44689.75	JP_2004_23OCT_NS	2.09 1	44689.75	JP_2011_16APR_01_NS	0.94 0	223807.34
	9	JP_2011_16APR_02_EW	1.05 4	96266.5 9	US_2005_Anza_02_90	1.28 3	112312.18	JP_2011_16APR_01_NS	1.66 2	362793.61	US_1991_SierraMadre_90	2.97 0	52515.98	US_1991_SierraMadre_90	2.97 0	52515.98	JP_2011_16APR_02_EW	1.06 1	96290.46
	10	US_2005_Anza_02_90	1.28 3	112312.18	JP_2016_Kumamoto_02_EW	1.45 9	120798.47	JP_2011_16APR_02_EW	1.05 4	96266.5 9	US_1991_SierraMadre_0	0.99 3	52812.44	US_1991_SierraMadre_0	0.99 3	52812.44	JP_2011_16APR_02_NS	0.72 3	74968.96
	11	JP_2016_Kumamoto_02_EW	1.45 9	120798.47	JP_2004_25OCT_NS	0.96 4	122042.79	JP_2011_16APR_02_NS	0.60 5	85470.4 6	PE_1974_09NOV_01_NS	4.00 0	53851.59	PE_1974_09NOV_01_NS	4.00 0	53851.59	JP_2011_16APR_03_EW	1.57 6	175287.98
	12	JP_2004_25OCT_NS	0.96 4	122042.79	JP_2004_23OCT_NS	3.03 6	130084.74	JP_2011_16APR_03_NS	0.75 1	81332.7 3	JP_2004_ChuetuAftershock_02_EW	1.00 0	54240.74	JP_2004_ChuetuAftershock_02_EW	1.00 0	54240.74	PE_1974_09NOV_01_EW	3.42 4	35752.33
	13	JP_2004_23OCT_NS	3.03 6	130084.74	US_1986_North Palm Springs_0	1.94 2	152660.53	JP_2016_Kumamoto_02_EW	1.45 9	120798.47	JP_2004_23OCT_EW	1.09 1	54607.81	JP_2004_23OCT_EW	1.09 1	54607.81	PE_1974_09NOV_01_NS	4.00 0	53851.59
	14	US_1986_North Palm Springs_0	1.94 2	152660.53	US_2005_Anza_02_360	1.76 4	186932.49	JP_2016_Kumamoto_02_NS	2.37 0	79819.0 1	US_1981_Westmorland_90	1.12 1	55306.40	JP_2004_ChuetuAftershock_02_NS	1.39 4	63859.31	PE_1974_09NOV_02_EW	4.00 0	191750.39
	15	US_2005_Anza_02_360	1.76 4	186932.49	US_1986_North Palm Springs_90	2.67 2	193830.76	JP_2019_21FEB_EW	2.08 5	216248.12	JP_2004_ChuetuAftershock_02_NS	1.39 4	63859.31	JP_1997_Shizuoca_NS	1.66 7	64662.02	US_1981_Westmorland_180	0.97 8	73388.62
	16	US_1986_North Palm Springs_90	2.67 2	193830.76	JP_2019_21FEB_EW	2.08 5	216248.12	US_1981_Westmorland_180	1.61 7	240450.60	JP_1997_Shizuoca_NS	1.66 7	64662.02	JP_2019_21FEB_NS	0.97 0	66705.11	US_1981_Westmorland_90	1.12 0	55306.40
	17	JP_2019_21FEB_EW	2.08 5	216248.12	JP_2000_Mie_EW	1.99 0	222361.96	US_1981_Westmorland_90	1.88 9	254452.90	JP_2019_21FEB_NS	0.97 0	66705.11	US_1981_Westmorland_180	0.97 8	73388.62	US_1986_North Palm Springs_90	1.63 6	29034.69
	18	JP_2000_Mie_EW	1.99 0	222361.96	JP_1997_Shizuoca_EW	1.33 5	226562.00	US_1986_North Palm Springs_0	1.94 2	152660.53	JP_2011_16APR_03_NS	0.88 8	71865.46	JP_2004_25OCT_EW	2.24 2	74766.11	US_1991_Petrolia_90	1.09 1	32628.30
	19	JP_1997_Shizuoca_EW	1.33 5	226562.00	US_1981_Westmorland_180	1.61 7	240450.60	US_1991_SierraMadre_0	2.05 4	521017.04	US_1981_Westmorland_180	0.97 8	73388.62	JP_2011_16APR_02_NS	0.72 3	74968.96	US_1991_SierraMadre_0	0.99 3	52812.44
	20	US_1981_Westmorland_180	1.61 7	240450.60	JP_2012_30AGO_NS	0.77 9	246166.27	US_2005_Anza_02_360	1.76 4	186932.49	JP_2004_25OCT_EW	2.24 2	74766.11	JP_2016_Kumamoto_02_EW	1.09 1	76986.40	US_1991_SierraMadre_90	2.97 0	52515.98
RMS E	1	US_1991_Petrolia_360	1.33 2	194.91	US_1991_Petrolia_360	1.33 2	194.91	JP_1996_21DEC_EW	1.58 1	620.26	US_2005_Anza_01_360	3.66 7	157.78	US_2005_Anza_01_360	3.66 7	157.78	JP_1996_21DEC_EW	0.85 0	413.04
	2	US_1991_Petrolia_90	1.29 6	221.41	JP_1997_Shizuoca_NS	1.89 7	269.91	JP_1996_Nagano_EW	0.64 5	563.65	US_1986_North Palm Springs_90	1.63 6	170.40	US_1986_North Palm Springs_90	1.63 6	170.40	JP_1996_21DEC_UD	2.27 3	400.44
	3	JP_1997_Shizuoca_NS	1.89 7	269.91	JP_2016_Kumamoto_02_NS	2.37 0	282.52	JP_1996_Nagano_NS	0.75 6	518.39	US_1986_North Palm Springs_0	1.27 3	171.66	US_1986_North Palm Springs_0	1.27 3	171.66	JP_1997_Shizuoca_EW	0.82 8	299.35
	4	JP_2016_Kumamoto_02_NS	2.37 0	282.52	JP_2011_16APR_03_NS	0.75 1	285.19	JP_1997_Shizuoca_EW	1.33 5	475.99	US_1991_Petrolia_360	1.51 5	176.71	US_1991_Petrolia_360	1.51 5	176.71	JP_2000_Mie_NS	0.69 3	518.78
	5	JP_2011_16APR_03_NS	0.75 1	285.19	JP_2011_16APR_02_NS	0.60 5	292.35	JP_1997_Shizuoca_NS	1.89 7	269.91	US_1991_Petrolia_90	1.09 1	180.63	US_1991_Petrolia_90	1.09 1	180.63	JP_2004_25OCT_NS	1.03 0	347.70
	6	JP_2011_16APR_02_NS	0.60 5	292.35	US_2005_Anza_01_90	2.40 8	296.02	JP_2000_Mie_NS	1.31 1	646.28	PE_1974_09NOV_01_EW	3.42 4	189.08	PE_1974_09NOV_01_EW	3.42 4	189.08	JP_2004_ChuetuAftershock_02_NS	1.39 4	252.70
	7	US_2005_Anza_01_90	2.40 8	296.02	JP_2004_25OCT_EW	2.74 6	307.69	JP_2004_25OCT_EW	2.74 6	307.69	JP_2019_21FEB_EW	1.27 3	209.81	JP_2019_21FEB_EW	1.27 3	209.81	JP_2011_16APR_01_EW	2.03 0	401.84

	8	JP_2004_25OCT_EW	2.74 6	307.69	JP_2011_16APR_02_EW	1.05 4	310.27	JP_2004_25OCT_NS	0.96 4	349.35	JP_2004_23OCT_NS	2.09 1	211.40	JP_2004_23OCT_NS	2.09 1	211.40	JP_2011_16APR_01_NS	0.94 0	473.08
	9	JP_2011_16APR_02_EW	1.05 4	310.27	US_2005_Anza_02_90	1.28 3	335.13	JP_2011_16APR_01_NS	1.66 2	602.32	US_1991_SierraMadre_90	2.97 0	229.16	US_1991_SierraMadre_90	2.97 0	229.16	JP_2011_16APR_02_EW	1.06 1	310.31
	10	US_2005_Anza_02_90	1.28 3	335.13	JP_2016_Kumamoto_02_EW	1.45 9	347.56	JP_2011_16APR_02_EW	1.05 4	310.27	US_1991_SierraMadre_0	0.99 3	229.81	US_1991_SierraMadre_0	0.99 3	229.81	JP_2011_16APR_02_NS	0.72 3	273.80
	11	JP_2016_Kumamoto_02_EW	1.45 9	347.56	JP_2004_25OCT_NS	0.96 4	349.35	JP_2011_16APR_02_NS	0.60 5	292.35	PE_1974_09NOV_01_NS	4.00 0	232.06	PE_1974_09NOV_01_NS	4.00 0	232.06	JP_2011_16APR_03_EW	1.57 6	418.67
	12	JP_2004_25OCT_NS	0.96 4	349.35	JP_2004_23OCT_NS	3.03 6	360.67	JP_2011_16APR_03_NS	0.75 1	285.19	JP_2004_ChuetasuAftershock_02_EW	1.00 0	232.90	JP_2004_ChuetasuAftershock_02_EW	1.00 0	232.90	PE_1974_09NOV_01_EW	3.42 4	189.08
	13	JP_2004_23OCT_NS	3.03 6	360.67	US_1986_North Palm Springs_0	1.94 2	390.72	JP_2016_Kumamoto_02_EW	1.45 9	347.56	JP_2004_23OCT_EW	1.09 1	233.68	JP_2004_23OCT_EW	1.09 1	233.68	PE_1974_09NOV_01_NS	4.00 0	232.06
	14	US_1986_North Palm Springs_0	1.94 2	390.72	US_2005_Anza_02_360	1.76 4	432.36	JP_2016_Kumamoto_02_NS	2.37 0	282.52	US_1981_Westmorland_90	1.12 1	235.17	JP_2004_ChuetasuAftershock_02_NS	1.39 4	252.70	PE_1974_09NOV_02_EW	4.00 0	437.89
	15	US_2005_Anza_02_360	1.76 4	432.36	US_1986_North Palm Springs_90	2.67 2	440.26	JP_2019_21FEB_EW	2.08 5	465.02	JP_2004_ChuetasuAftershock_02_NS	1.39 4	252.70	JP_1997_Shizuoca_NS	1.66 7	254.29	US_1981_Westmorland_180	0.97 8	270.90
	16	US_1986_North Palm Springs_90	2.67 2	440.26	JP_2019_21FEB_EW	2.08 5	465.02	US_1981_Westmorland_180	1.61 7	490.36	JP_1997_Shizuoca_NS	1.66 7	254.29	JP_2019_21FEB_NS	0.97 0	258.27	US_1981_Westmorland_90	1.12 1	235.17
	17	JP_2019_21FEB_EW	2.08 5	465.02	JP_2000_Mie_EW	1.99 0	471.55	US_1981_Westmorland_90	1.88 9	504.43	JP_2019_21FEB_NS	0.97 0	258.27	US_1981_Westmorland_180	0.97 8	270.90	US_1986_North Palm Springs_90	1.63 6	170.40
	18	JP_2000_Mie_EW	1.99 0	471.55	JP_1997_Shizuoca_EW	1.33 5	475.99	US_1986_North Palm Springs_0	1.94 2	390.72	JP_2011_16APR_03_NS	0.88 8	268.08	JP_2004_25OCT_EW	2.24 2	273.43	US_1991_Petrolia_90	1.09 1	180.63
	19	JP_1997_Shizuoca_EW	1.33 5	475.99	US_1981_Westmorland_180	1.61 7	490.36	US_1991_SierraMadre_0	2.05 4	721.82	US_1981_Westmorland_180	0.97 8	270.90	JP_2011_16APR_02_NS	0.72 3	273.80	US_1991_SierraMadre_0	0.99 3	229.81
	20	US_1981_Westmorland_180	1.61 7	490.36	JP_2012_30AGO_NS	0.77 9	496.15	US_2005_Anza_02_360	1.76 4	432.36	JP_2004_25OCT_EW	2.24 2	273.43	JP_2016_Kumamoto_02_EW	1.09 1	277.46	US_1991_SierraMadre_90	2.97 0	229.16

REGISTROS SELECCIONADOS CASO Ymr-II T=0.08s - TSemc-tr-475																			
Caso:		TSemc-tr-475_NSp_Sbs			TSemc-tr-475_NSp_Sci			TSemc-tr-475_NSp_Ssr			TSemc-tr-475_NSr_Sbs			TSemc-tr-475_NSr_Sci			TSemc-tr-475_NSr_Ssr		
ME	N.º	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2012_30AGO_NS	0.44 3	22.30	JP_2011_16APR_02_NS	0.34 4	153.76	JP_1996_21DEC_EW	0.90 0	321.58	JP_2012_30AGO_NS	0.43 8	22.41	JP_2000_Mie_EW	0.74 5	42.58	JP_1996_21DEC_EW	0.25 0	123.71
	2	JP_1996_Nagano_NS	0.43 0	47.36	JP_2011_16APR_03_NS	0.42 7	162.01	JP_1996_21DEC_UD	2.30 9	326.56	JP_2000_Mie_EW	0.74 5	42.58	JP_2004_25OCT_NS	0.25 0	83.54	JP_1996_21DEC_UD	0.47 5	81.22
	3	JP_2011_16APR_03_EW	0.44 3	51.75	JP_2000_Mie_NS	0.74 6	178.31	JP_1996_Nagano_NS	0.43 0	47.36	JP_1996_Nagano_NS	0.43 8	47.36	JP_2011_16APR_01_EW	0.37 0	85.68	JP_1997_Shizuoca_NS	0.25 0	98.46
	4	JP_1996_Nagano_EW	0.36 7	63.03	JP_2016_Kumamoto_02_NS	1.34 9	189.18	JP_1997_Shizuoca_EW	0.75 9	412.41	JP_2011_16APR_03_EW	0.43 0	51.52	JP_2016_Kumamoto_02_NS	0.41 5	86.42	JP_2000_Mie_NS	0.25 0	76.45
	5	JP_2000_Mie_EW	1.13 2	70.50	JP_2011_16APR_02_EW	0.60 0	196.22	JP_1997_Shizuoca_NS	1.07 9	264.70	JP_1996_Nagano_EW	0.34 0	62.95	US_2005_Anza_02_360	0.25 0	86.47	JP_2004_25OCT_EW	0.25 0	98.62
	6	JP_2012_30AGO_EW	0.50 4	100.80	US_1991_Petrolia_360	0.75 8	210.93	JP_2000_Mie_NS	0.74 6	178.31	JP_2012_30AGO_EW	0.26 5	69.73	US_2005_Anza_01_90	0.32 5	91.05	JP_2011_16APR_01_EW	0.37 0	85.68
	7	JP_2011_16APR_02_NS	0.34 4	153.76	US_2005_Anza_02_90	0.73 0	235.63	JP_2004_25OCT_EW	1.56 3	287.70	JP_2000_Mie_NS	0.25 0	76.45	JP_2011_16APR_03_NS	0.25 0	91.67	JP_2011_16APR_01_NS	0.25 0	87.96
	8	JP_2004_25OCT_NS	0.54 8	155.35	US_2005_Anza_01_90	1.37 0	263.72	JP_2004_25OCT_NS	0.54 8	155.35	JP_1996_21DEC_UD	0.47 5	81.22	JP_1997_Shizuoca_NS	0.25 0	98.46	JP_2011_16APR_02_EW	0.25 0	104.10
	9	JP_2011_16APR_03_NS	0.42 7	162.01	JP_2011_16APR_01_EW	1.84 3	274.73	JP_2011_16APR_01_EW	1.84 3	274.73	JP_2004_25OCT_NS	0.25 0	83.54	JP_2004_25OCT_EW	0.25 0	98.62	JP_2012_30AGO_EW	0.26 5	69.73
	10	JP_2000_Mie_NS	0.74 6	178.31	JP_2004_25OCT_EW	1.56 3	287.70	JP_2011_16APR_01_NS	0.94 6	226.36	JP_2011_16APR_01_EW	0.37 0	85.68	US_2005_Anza_02_90	0.25 0	102.26	JP_2016_Kumamoto_02_EW	0.25 0	126.75
	11	JP_2016_Kumamoto_02_NS	1.34 9	189.18	US_2005_Anza_02_360	1.00 4	309.41	JP_2011_16APR_02_EW	0.60 0	196.22	JP_2016_Kumamoto_02_NS	0.41 5	86.42	US_1991_Petrolia_360	0.25 0	102.43	JP_2016_Kumamoto_02_NS	0.41 5	86.42
	12	JP_2011_16APR_02_EW	0.60 0	196.22	JP_2016_Kumamoto_02_EW	0.83 0	318.25	JP_2011_16APR_03_EW	0.44 3	51.75	US_2005_Anza_02_360	0.25 0	86.47	JP_2011_16APR_02_EW	0.25 0	104.10	PE_1974_09NOV_01_EW	0.25 0	119.62
	13	US_1991_Petrolia_360	0.75 8	210.93	JP_1996_21DEC_EW	0.90 0	321.58	JP_2011_16APR_03_NS	0.42 7	162.01	JP_2011_16APR_01_NS	0.25 0	87.96	US_2005_Anza_01_360	0.46 8	106.04	PE_1974_09NOV_01_NS	0.38 5	115.06
	14	JP_2011_16APR_01_NS	0.94 6	226.36	US_1991_SierraMadre_90	2.57 2	421.25	JP_2012_30AGO_EW	0.50 4	100.80	US_2005_Anza_01_90	0.32 5	91.05	JP_2011_16APR_02_NS	0.25 0	106.99	PE_1974_09NOV_02_EW	0.91 8	112.49
	15	US_2005_Anza_02_90	0.73 0	235.63	JP_2004_23OCT_NS	1.72 8	424.05	JP_2012_30AGO_NS	0.44 3	22.30	JP_2011_16APR_03_NS	0.25 0	91.67	PE_1974_09NOV_02_EW	0.91 8	112.49	US_1981_Westmorland_180	0.25 0	172.11
	16	US_2005_Anza_01_90	1.37 0	263.72	US_1986_North Palm Springs_0	1.10 5	465.15	JP_2016_Kumamoto_02_EW	0.83 0	318.25	JP_1997_Shizuoca_NS	0.25 0	98.46	US_1991_SierraMadre_90	0.29 5	112.58	US_1991_Petrolia_360	0.25 0	102.43
	17	JP_1997_Shizuoca_NS	1.07 9	264.70	JP_2019_21FEB_EW	1.18 7	475.60	PE_1974_09NOV_01_EW	3.63 0	594.63	JP_2004_25OCT_EW	0.25 0	98.62	US_1986_North Palm Springs_90	0.25 0	120.68	US_1991_Petrolia_90	0.25 0	145.56
	18	JP_2011_16APR_01_EW	1.84 3	274.73	US_1986_North Palm Springs_90	1.52 1	492.67	US_1986_North Palm Springs_0	1.10 5	465.15	US_2005_Anza_02_90	0.25 0	102.26	JP_2016_Kumamoto_02_EW	0.25 0	126.75	US_1991_SierraMadre_0	0.25 0	151.42
	19	JP_2004_25OCT_EW	1.56 3	287.70	US_1981_Westmorland_180	0.92 0	499.35	US_1991_SierraMadre_0	1.16 9	604.27	US_1991_Petrolia_360	0.25 0	102.43	US_1986_North Palm Springs_0	0.25 0	129.16	US_1991_SierraMadre_90	0.29 5	112.58
	20	US_2005_Anza_02_360	1.00 4	309.41	PE_1974_09NOV_01_EW	3.63 0	594.63	US_2005_Anza_02_360	1.00 4	309.41	JP_2011_16APR_02_EW	0.25 0	104.10	JP_2004_23OCT_NS	0.25 0	132.40	US_2005_Anza_02_360	0.25 0	86.47

MAP E	1	JP_2000_Mie_EW	1.13 2	382.89	JP_2000_Mie_NS	0.74 6	692.10	JP_1996_21DEC_EW	0.90 0	1212.72	JP_2000_Mie_EW	0.25 0	102.79	US_1991_SierraMadre_90	0.25 0	201.86	JP_1996_Nagano_EW	0.25 0	722.27
	2	JP_2011_16APR_03_E W	0.44 3	411.87	US_2005_Anza_02_90	0.73 0	793.36	JP_1996_21DEC_UD	2.30 9	5415.88	PE_1974_09NOV_02_E W	0.25 0	125.16	JP_2004_25OCT_EW	0.25 0	202.42	JP_1997_Shizuoca_NS	0.25 0	277.51
	3	JP_2012_30AGO_EW	0.50 4	636.81	JP_2011_16APR_02_NS	0.34 4	825.33	JP_1996_Nagano_NS	0.43 0	930.46	JP_2000_Mie_NS	0.25 0	198.52	US_2005_Anza_01_90	0.25 0	211.26	JP_2000_Mie_EW	0.25 0	102.79
	4	JP_2000_Mie_NS	0.74 6	692.10	JP_2011_16APR_02_EW	0.60 0	880.86	JP_1997_Shizuoca_EW	0.75 9	3270.82	PE_1974_09NOV_01_N S	0.25 0	199.48	JP_2011_16APR_03_EW	0.25 0	215.77	JP_2000_Mie_NS	0.25 0	198.52
	5	JP_2012_30AGO_NS	0.44 3	785.78	US_2005_Anza_02_360	1.00 4	1139.16	JP_1997_Shizuoca_NS	1.07 9	1378.90	PE_1974_09NOV_02_N S	0.25 0	199.66	JP_2011_16APR_01_EW	0.25 0	222.13	JP_2011_16APR_01_EW	0.25 0	222.13
	6	US_2005_Anza_02_90	0.73 0	793.36	JP_2011_16APR_03_NS	0.42 7	1142.21	JP_2000_Mie_NS	0.74 6	692.10	US_1991_SierraMadre_90	0.25 0	201.86	US_2005_Anza_02_90	0.25 0	230.00	JP_2011_16APR_01_NS	0.25 0	208.81
	7	JP_2011_16APR_02_NS	0.34 4	825.33	JP_1996_21DEC_EW	0.90 0	1212.72	JP_2004_25OCT_EW	1.56 3	1541.37	JP_2004_25OCT_EW	0.25 0	202.42	US_2005_Anza_02_360	0.25 0	232.74	JP_2011_16APR_02_EW	0.25 0	332.84
	8	JP_2011_16APR_02_E W	0.60 0	880.86	US_2005_Anza_01_90	1.37 0	1408.05	JP_2004_25OCT_NS	0.54 8	995.24	JP_2011_16APR_01_N S	0.25 0	208.81	US_2005_Anza_01_360	0.25 0	234.40	JP_2011_16APR_03_EW	0.25 0	215.77
	9	JP_1996_Nagano_NS	0.43 0	930.46	JP_2004_25OCT_EW	1.56 3	1541.37	JP_2011_16APR_01_EW	1.84 3	1902.64	US_2005_Anza_01_90	0.25 0	211.26	JP_1997_Shizuoca_NS	0.25 0	277.51	JP_2012_30AGO_EW	0.25 0	304.85
	10	JP_2011_16APR_01_NS	0.94 6	959.80	JP_2011_16APR_01_EW	1.84 3	1902.64	JP_2011_16APR_01_NS	0.94 6	959.80	JP_2011_16APR_03_E W	0.25 0	215.77	JP_2011_16APR_02_EW	0.25 0	332.84	JP_2012_30AGO_NS	0.25 0	440.70
	11	JP_2004_25OCT_NS	0.54 8	995.24	JP_2016_Kumamoto_02_EW	0.83 0	2065.26	JP_2011_16APR_02_EW	0.60 0	880.86	JP_2011_16APR_01_E W	0.25 0	222.13	JP_2016_Kumamoto_02_NS	0.25 0	369.45	JP_2016_Kumamoto_02_E W	0.25 0	580.95
	12	JP_1996_Nagano_EW	0.36 7	1067.01	US_1991_Petrolia_360	0.75 8	2096.54	JP_2011_16APR_03_EW	0.44 3	411.87	US_2005_Anza_02_90	0.25 0	230.00	PE_1974_09NOV_01_EW	0.25 0	371.82	JP_2016_Kumamoto_02_N S	0.25 0	369.45
	13	US_2005_Anza_02_360	1.00 4	1139.16	JP_2016_Kumamoto_02_NS	1.34 9	2185.36	JP_2011_16APR_03_NS	0.42 7	1142.21	US_2005_Anza_02_360	0.25 0	232.74	JP_2004_25OCT_NS	0.25 0	419.65	PE_1974_09NOV_01_EW	0.25 0	371.82
	14	JP_2011_16APR_03_NS	0.42 7	1142.21	US_1991_SierraMadre_90	2.57 2	2451.75	JP_2012_30AGO_EW	0.50 4	636.81	US_2005_Anza_01_360	0.25 0	234.40	JP_2012_30AGO_NS	0.25 0	440.70	PE_1974_09NOV_01_NS	0.25 0	199.48
	15	JP_1996_21DEC_EW	0.90 0	1212.72	JP_2019_21FEB_EW	1.18 7	3314.19	JP_2012_30AGO_NS	0.44 3	785.78	JP_1997_Shizuoca_NS	0.25 0	277.51	JP_1996_Nagano_NS	0.25 0	538.52	PE_1974_09NOV_02_EW	0.25 0	125.16
	16	JP_1997_Shizuoca_NS	1.07 9	1378.90	JP_2019_21FEB_NS	1.20 4	3855.51	JP_2016_Kumamoto_02_E W	0.83 0	2065.26	JP_1996_21DEC_EW	0.25 0	294.88	JP_1996_21DEC_UD	0.25 0	559.22	US_1991_Petrolia_360	0.25 0	653.75
	17	US_2005_Anza_01_90	1.37 0	1408.05	JP_2004_ChuetasuAftershock_0 2 NS	1.59 4	4250.92	PE_1974_09NOV_01_EW	3.63 0	5972.23	JP_2012_30AGO_EW	0.25 0	304.85	JP_2011_16APR_02_NS	0.25 0	579.11	US_1991_Petrolia_90	0.25 0	1036.18
	18	JP_2004_25OCT_EW	1.56 3	1541.37	US_1986_North Palm Springs_90	1.52 1	4342.37	US_1986_North Palm Springs_0	1.10 5	5894.90	JP_2011_16APR_02_E W	0.25 0	332.84	JP_2016_Kumamoto_02_EW	0.25 0	580.95	US_1991_SierraMadre_0	0.25 0	1154.52
	19	JP_2011_16APR_01_E W	1.84 3	1902.64	JP_2004_23OCT_NS	1.72 8	4379.81	US_1991_SierraMadre_0	1.16 9	5633.14	JP_2016_Kumamoto_02 NS	0.25 0	369.45	JP_2004_23OCT_NS	0.25 0	597.13	US_1991_SierraMadre_90	0.25 0	201.86
	20	JP_2016_Kumamoto_02 EW	0.83 0	2065.26	JP_2004_ChuetasuAftershock_0 2 EW	1.15 1	5141.75	US_2005_Anza_02_360	1.00 4	1139.16	PE_1974_09NOV_01_E W	0.25 0	371.82	JP_2004_ChuetasuAftershock_0 2 NS	0.25 0	621.43	US_2005_Anza_02_360	0.25 0	232.74
MSE	1	JP_2012_30AGO_NS	0.44 3	1070.98	JP_2011_16APR_02_NS	0.34 4	42314.9 4	JP_1996_21DEC_EW	0.90 0	341396. 50	JP_2012_30AGO_NS	0.45 3	1058.56	JP_2016_Kumamoto_02_NS	0.65 5	15504.1 1	JP_1996_21DEC_EW	0.25 0	37100.9 1
	2	JP_1996_Nagano_NS	0.43 0	3748.88	JP_2011_16APR_03_NS	0.42 7	42947.5 2	JP_1996_21DEC_UD	2.30 9	271310. 85	JP_1996_Nagano_NS	0.46 0	3520.53	JP_2004_25OCT_NS	0.28 0	15648.0 5	JP_1996_Nagano_EW	0.25 0	12420.8 1
	3	JP_2011_16APR_03_E W	0.44 3	6863.07	JP_2016_Kumamoto_02_NS	1.34 9	61731.2 3	JP_1996_Nagano_NS	0.43 0	3748.88	JP_2000_Mie_EW	0.76 0	6355.24	JP_2011_16APR_02_NS	0.25 0	18276.1 8	JP_1997_Shizuoca_NS	0.40 0	20378.0 9
	4	JP_2000_Mie_EW	1.13 2	17991.7 0	US_1991_Petrolia_360	0.75 8	65604.2 3	JP_1997_Shizuoca_EW	0.75 9	352586. 67	JP_2011_16APR_03_E W	0.46 0	6782.86	US_1991_Petrolia_360	0.35 5	18719.2 3	JP_2000_Mie_NS	0.25 0	21923.3 8
	5	JP_1996_Nagano_EW	0.36 7	23983.6 0	JP_2011_16APR_02_EW	0.60 0	85613.7 0	JP_1997_Shizuoca_NS	1.07 9	125380. 11	JP_1996_Nagano_EW	0.25 0	12420.8 1	JP_1997_Shizuoca_NS	0.40 0	20378.0 9	JP_2011_16APR_01_EW	0.54 3	24229.1 9
	6	JP_2011_16APR_02_NS	0.34 4	42314.9 4	US_2005_Anza_02_90	0.73 0	125012. 31	JP_2000_Mie_NS	0.74 6	175919. 75	JP_2011_16APR_03_N S	0.25 0	13700.5 3	US_2005_Anza_01_90	0.50 5	20855.9 0	JP_2011_16APR_01_NS	0.25 8	29765.1 3
	7	JP_2011_16APR_03_NS	0.42 7	42947.5 2	US_2005_Anza_01_90	1.37 0	125362. 85	JP_2004_25OCT_EW	1.56 3	160658. 92	JP_2016_Kumamoto_02 NS	0.65 5	15504.1 1	JP_2011_16APR_02_EW	0.25 0	22633.7 7	JP_2011_16APR_02_EW	0.25 0	22633.7 7
	8	JP_2004_25OCT_NS	0.54 8	50844.4 1	JP_2004_25OCT_EW	1.56 3	160658. 92	JP_2004_25OCT_NS	0.54 8	50844.4 1	JP_2004_25OCT_NS	0.28 0	15648.0 5	US_2005_Anza_01_360	0.80 5	23272.0 7	JP_2012_30AGO_EW	0.25 0	17204.7 4
	9	JP_2016_Kumamoto_02 NS	1.34 9	61731.2 3	JP_2000_Mie_NS	0.74 6	175919. 75	JP_2011_16APR_01_EW	1.84 3	208905. 76	JP_2012_30AGO_EW	0.25 0	17204.7 4	JP_2011_16APR_01_EW	0.54 3	24229.1 9	JP_2016_Kumamoto_02_E W	0.25 0	32484.8 5
	10	US_1991_Petrolia_360	0.75 8	65604.2 3	US_2005_Anza_02_360	1.00 4	193658. 14	JP_2011_16APR_01_NS	0.94 6	222310. 00	JP_2011_16APR_02_N S	0.25 0	18276.1 8	PE_1974_09NOV_02_NS	1.63 6	26964.0 9	JP_2016_Kumamoto_02_N S	0.65 5	15504.1 1
	11	JP_2012_30AGO_EW	0.50 4	69549.9 1	JP_2011_16APR_01_EW	1.84 3	208905. 76	JP_2011_16APR_02_EW	0.60 0	85613.7 0	US_1991_Petrolia_360	0.35 5	18719.2 3	JP_2004_25OCT_EW	0.49 8	27278.7 2	PE_1974_09NOV_01_EW	0.58 0	38078.8 9
	12	JP_2011_16APR_02_E W	0.60 0	85613.7 0	JP_2016_Kumamoto_02_EW	0.83 0	214053. 59	JP_2011_16APR_03_EW	0.44 3	6863.07	JP_1997_Shizuoca_NS	0.40 0	20378.0 9	PE_1974_09NOV_02_EW	2.15 2	28338.1 7	PE_1974_09NOV_01_NS	0.97 0	34296.9 6
	13	US_2005_Anza_02_90	0.73 0	125012. 31	US_1991_SierraMadre_90	2.57 2	296671. 28	JP_2011_16APR_03_NS	0.42 7	42947.5 2	US_2005_Anza_01_90	0.50 5	20855.9 0	US_1991_SierraMadre_90	0.61 0	30083.6 4	PE_1974_09NOV_02_EW	2.15 2	28338.1 7
	14	US_2005_Anza_01_90	1.37 0	125362. 85	JP_2004_23OCT_NS	1.72 8	307160. 68	JP_2012_30AGO_EW	0.50 4	69549.9 1	US_2005_Anza_02_360	0.31 0	21179.0 8	US_1986_North Palm Springs_0	0.25 0	31862.6 4	US_1981_Westmorland_18 0	0.25 0	45048.2 5
	15	JP_1997_Shizuoca_NS	1.07 9	125380. 11	US_1986_North Palm Springs_0	1.10 5	317023. 63	JP_2012_30AGO_NS	0.44 3	1070.98	JP_2000_Mie_NS	0.25 0	21923.3 8	US_1986_North Palm Springs_90	0.31 8	32271.2 5	US_1986_North Palm Springs_0	0.25 0	31862.6 4
	16	JP_2004_25OCT_EW	1.56 3	160658. 92	JP_1996_21DEC_EW	0.90 0	341396. 50	JP_2016_Kumamoto_02_E W	0.83 0	214053. 59	JP_2011_16APR_02_E W	0.25 0	22633.7 7	JP_2016_Kumamoto_02_EW	0.25 0	32484.8 5	US_1991_Petrolia_360	0.35 5	18719.2 3
	17	JP_2000_Mie_NS	0.74 6	175919. 75	US_1986_North Palm Springs_90	1.52 1	375333. 80	PE_1974_09NOV_01_EW	3.63 0	534509. 80	US_2005_Anza_01_360	0.80 5	23272.0 7	US_1991_Petrolia_90	0.25 0	33037.2 4	US_1991_Petrolia_90	0.25 0	33037.2 4
	18	US_2005_Anza_01_360	2.54 5	176732. 96	US_1981_Westmorland_180	0.92 0	379889. 21	US_1986_North Palm Springs_0	1.10 5	317023. 63	US_2005_Anza_02_90	0.26 5	23799.5 0	PE_1974_09NOV_01_NS	0.97 0	34296.9 6	US_1991_SierraMadre_0	0.25 0	42520.9 2
	19	US_1991_Petrolia_90	0.73 8	184609. 80	JP_2019_21FEB_EW	1.18 7	390494. 10	US_1991_SierraMadre_0	1.16 9	651745. 50	JP_2011_16APR_01_E W	0.54 3	24229.1 9	JP_2019_21FEB_EW	0.25 0	35359.4 6	US_1991_SierraMadre_90	0.61 0	30083.6 4

	20	US_2005_Anza_02_360	1.004	193658.14	PE_1974_09NOV_01_EW	3.630	534509.80	US_2005_Anza_02_360	1.004	193658.14	JP_1996_21DEC_UD	0.610	24430.05	JP_2004_23OCT_NS	0.355	38077.74	US_2005_Anza_02_360	0.310	21179.08
RMS E	1	JP_2012_30AGO_NS	0.443	32.73	JP_2011_16APR_02_NS	0.344	205.71	JP_1996_21DEC_EW	0.900	584.29	JP_2012_30AGO_NS	0.453	32.54	JP_2016_Kumamoto_02_NS	0.655	124.52	JP_1996_21DEC_EW	0.250	192.62
	2	JP_1996_Nagano_NS	0.430	61.23	JP_2011_16APR_03_NS	0.427	207.24	JP_1996_21DEC_UD	2.309	520.88	JP_1996_Nagano_NS	0.460	59.33	JP_2004_25OCT_NS	0.280	125.09	JP_1996_Nagano_EW	0.250	111.45
	3	JP_2011_16APR_03_EW	0.443	82.84	JP_2016_Kumamoto_02_NS	1.349	248.46	JP_1996_Nagano_NS	0.430	61.23	JP_2000_Mie_EW	0.760	79.72	JP_2011_16APR_02_NS	0.250	135.19	JP_1997_Shizuoca_NS	0.400	142.75
	4	JP_2000_Mie_EW	1.132	134.13	US_1991_Petrolia_360	0.758	256.13	JP_1997_Shizuoca_EW	0.759	593.79	JP_2011_16APR_03_EW	0.460	82.36	US_1991_Petrolia_360	0.355	136.82	JP_2000_Mie_NS	0.250	148.07
	5	JP_1996_Nagano_EW	0.367	154.87	JP_2011_16APR_02_EW	0.600	292.60	JP_1997_Shizuoca_NS	1.079	354.09	JP_1996_Nagano_EW	0.250	111.45	JP_1997_Shizuoca_NS	0.400	142.75	JP_2011_16APR_01_EW	0.543	155.66
	6	JP_2011_16APR_02_NS	0.344	205.71	US_2005_Anza_02_90	0.730	353.57	JP_2000_Mie_NS	0.746	419.43	JP_2011_16APR_03_NS	0.250	117.05	US_2005_Anza_01_90	0.505	144.42	JP_2011_16APR_01_NS	0.258	172.53
	7	JP_2011_16APR_03_NS	0.427	207.24	US_2005_Anza_01_90	1.370	354.07	JP_2004_25OCT_EW	1.563	400.82	JP_2016_Kumamoto_02_NS	0.655	124.52	JP_2011_16APR_02_EW	0.250	150.45	JP_2011_16APR_02_EW	0.250	150.45
	8	JP_2004_25OCT_NS	0.548	225.49	JP_2004_25OCT_EW	1.563	400.82	JP_2004_25OCT_NS	0.548	225.49	JP_2004_25OCT_NS	0.280	125.09	US_2005_Anza_01_360	0.805	152.55	JP_2012_30AGO_EW	0.250	131.17
	9	JP_2016_Kumamoto_02_NS	1.349	248.46	JP_2000_Mie_NS	0.746	419.43	JP_2011_16APR_01_EW	1.843	457.06	JP_2012_30AGO_EW	0.250	131.17	JP_2011_16APR_01_EW	0.543	155.66	JP_2016_Kumamoto_02_EW	0.250	180.24
	10	US_1991_Petrolia_360	0.758	256.13	US_2005_Anza_02_360	1.004	440.07	JP_2011_16APR_01_NS	0.946	471.50	JP_2011_16APR_02_NS	0.250	135.19	PE_1974_09NOV_02_NS	1.636	164.21	JP_2016_Kumamoto_02_NS	0.655	124.52
	11	JP_2012_30AGO_EW	0.504	263.72	JP_2011_16APR_01_EW	1.843	457.06	JP_2011_16APR_02_EW	0.600	292.60	US_1991_Petrolia_360	0.355	136.82	JP_2004_25OCT_EW	0.498	165.16	PE_1974_09NOV_01_EW	0.580	195.14
	12	JP_2011_16APR_02_EW	0.600	292.60	JP_2016_Kumamoto_02_EW	0.830	462.66	JP_2011_16APR_03_EW	0.443	82.84	JP_1997_Shizuoca_NS	0.400	142.75	PE_1974_09NOV_02_EW	2.152	168.34	PE_1974_09NOV_01_NS	0.970	185.19
	13	US_2005_Anza_02_90	0.730	353.57	US_1991_SierraMadre_90	2.572	544.68	JP_2011_16APR_03_NS	0.427	207.24	US_2005_Anza_01_90	0.505	144.42	US_1991_SierraMadre_90	0.610	173.45	PE_1974_09NOV_02_EW	2.152	168.34
	14	US_2005_Anza_01_90	1.370	354.07	JP_2004_23OCT_NS	1.728	554.22	JP_2012_30AGO_EW	0.504	263.72	US_2005_Anza_02_360	0.310	145.53	US_1986_North Palm Springs_0	0.250	178.50	US_1981_Westmorland_180	0.250	212.25
	15	JP_1997_Shizuoca_NS	1.079	354.09	US_1986_North Palm Springs_0	1.105	563.05	JP_2012_30AGO_NS	0.443	32.73	JP_2000_Mie_NS	0.250	148.07	US_1986_North Palm Springs_90	0.318	179.64	US_1986_North Palm Springs_0	0.250	178.50
	16	JP_2004_25OCT_EW	1.563	400.82	JP_1996_21DEC_EW	0.900	584.29	JP_2016_Kumamoto_02_EW	0.830	462.66	JP_2011_16APR_02_EW	0.250	150.45	JP_2016_Kumamoto_02_EW	0.250	180.24	US_1991_Petrolia_360	0.355	136.82
	17	JP_2000_Mie_NS	0.746	419.43	US_1986_North Palm Springs_90	1.521	612.64	PE_1974_09NOV_01_EW	3.630	731.10	US_2005_Anza_01_360	0.805	152.55	US_1991_Petrolia_90	0.250	181.76	US_1991_Petrolia_90	0.250	181.76
	18	US_2005_Anza_01_360	2.545	420.40	US_1981_Westmorland_180	0.920	616.35	US_1986_North Palm Springs_0	1.105	563.05	US_2005_Anza_02_90	0.265	154.27	PE_1974_09NOV_01_NS	0.970	185.19	US_1991_SierraMadre_0	0.250	206.21
	19	US_1991_Petrolia_90	0.738	429.66	JP_2019_21FEB_EW	1.187	624.90	US_1991_SierraMadre_0	1.169	807.31	JP_2011_16APR_01_EW	0.543	155.66	JP_2019_21FEB_EW	0.250	188.04	US_1991_SierraMadre_90	0.610	173.45
	20	US_2005_Anza_02_360	1.004	440.07	PE_1974_09NOV_01_EW	3.630	731.10	US_2005_Anza_02_360	1.004	440.07	JP_1996_21DEC_UD	0.610	156.30	JP_2004_23OCT_NS	0.355	195.14	US_2005_Anza_02_360	0.310	145.53

REGISTROS SELECCIONADOS CASO Ymr-II T=0.08s - TSemc-tr-975																			
Caso:		TSemc-tr-975_NSp_Sbs			TSemc-tr-975_NSp_Sci			TSemc-tr-975_NSp_Ssr			TSemc-tr-975_NSr_Sbs			TSemc-tr-975_NSr_Sci			TSemc-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2012_30AGO_NS	0.568	31.73	JP_2011_16APR_02_NS	0.441	201.35	JP_1996_21DEC_EW	1.153	416.40	JP_2012_30AGO_NS	0.565	31.78	JP_2000_Mie_EW	0.948	55.91	JP_1996_21DEC_EW	0.250	146.99
	2	JP_1996_Nagano_NS	0.551	58.23	JP_2011_16APR_03_NS	0.548	212.03	JP_1996_Nagano_NS	0.551	58.23	JP_2000_Mie_EW	0.948	55.91	JP_2004_25OCT_NS	0.250	102.92	JP_1997_Shizuoca_NS	0.303	126.29
	3	JP_2011_16APR_03_EW	0.567	67.88	JP_2000_Mie_NS	0.956	233.14	JP_1997_Shizuoca_NS	1.384	343.95	JP_1996_Nagano_NS	0.558	58.24	JP_2011_16APR_03_NS	0.250	108.82	JP_2000_Mie_NS	0.288	96.41
	4	JP_1996_Nagano_EW	0.470	79.35	JP_2016_Kumamoto_02_NS	1.729	247.14	JP_2000_Mie_NS	0.956	233.14	JP_2011_16APR_03_EW	0.550	67.58	JP_2011_16APR_01_EW	0.430	110.31	JP_2004_25OCT_EW	0.288	126.17
	5	JP_2000_Mie_EW	1.452	94.62	JP_2011_16APR_02_EW	0.768	255.55	JP_2004_25OCT_EW	2.003	373.13	JP_1996_Nagano_EW	0.393	79.05	JP_2016_Kumamoto_02_NS	0.490	111.45	JP_2011_16APR_01_EW	0.430	110.31
	6	JP_2012_30AGO_EW	0.646	133.67	US_1991_Petrolia_360	0.971	274.81	JP_2004_25OCT_NS	0.703	203.32	JP_2012_30AGO_EW	0.310	88.24	US_2005_Anza_01_90	0.393	117.40	JP_2011_16APR_01_NS	0.250	112.13
	7	JP_2011_16APR_02_NS	0.441	201.35	US_2005_Anza_02_90	0.936	306.61	JP_2011_16APR_01_EW	2.363	356.74	JP_2000_Mie_NS	0.288	96.41	JP_2011_16APR_02_NS	0.250	120.27	JP_2011_16APR_02_EW	0.250	127.38
	8	JP_2004_25OCT_NS	0.703	203.32	US_2005_Anza_01_90	1.756	342.70	JP_2011_16APR_01_NS	1.212	294.73	JP_2004_25OCT_NS	0.250	102.92	US_2005_Anza_02_90	0.250	125.54	JP_2012_30AGO_EW	0.310	88.24
	9	JP_2011_16APR_03_NS	0.548	212.03	JP_2011_16APR_01_EW	2.363	356.74	JP_2011_16APR_02_EW	0.768	255.55	JP_1996_21DEC_UD	0.588	104.92	JP_2004_25OCT_EW	0.288	126.17	JP_2016_Kumamoto_02_EW	0.250	153.33
	10	JP_2000_Mie_NS	0.956	233.14	JP_2004_25OCT_EW	2.003	373.13	JP_2011_16APR_02_NS	0.441	201.35	US_2005_Anza_02_360	0.250	108.50	JP_1997_Shizuoca_NS	0.303	126.29	JP_2016_Kumamoto_02_NS	0.490	111.45
	11	JP_2016_Kumamoto_02_NS	1.729	247.14	US_2005_Anza_02_360	1.287	401.26	JP_2011_16APR_03_EW	0.567	67.88	JP_2011_16APR_03_NS	0.250	108.82	JP_2011_16APR_02_EW	0.250	127.38	PE_1974_09NOV_01_EW	0.250	150.29
	12	JP_2011_16APR_02_EW	0.768	255.55	JP_2016_Kumamoto_02_EW	1.064	412.52	JP_2011_16APR_03_NS	0.548	212.03	JP_2011_16APR_01_EW	0.430	110.31	US_1991_Petrolia_360	0.250	129.00	PE_1974_09NOV_01_NS	0.453	146.09

	13	US_1991_Petrolia_360	0.971	274.81	JP_1996_21DEC_EW	1.153	416.40	JP_2012_30AGO_EW	0.646	133.67	JP_2016_Kumamoto_02_NS	0.490	111.45	US_2005_Anza_01_360	0.558	135.40	PE_1974_09NOV_02_EW	1.091	143.07
	14	JP_2011_16APR_01_NS	1.212	294.73	US_1991_SierraMadre_90	3.297	544.63	JP_2012_30AGO_NS	0.568	31.73	JP_2011_16APR_01_NS	0.250	112.13	PE_1974_09NOV_02_NS	0.700	142.41	US_1981_Westmorland_180	0.250	198.68
	15	US_2005_Anza_02_90	0.936	306.61	JP_2004_23OCT_NS	2.214	548.21	JP_2016_Kumamoto_02_EW	1.064	412.52	US_2005_Anza_01_90	0.393	117.40	PE_1974_09NOV_02_EW	1.091	143.07	US_1986_North Palm Springs_0	0.250	155.36
	16	US_2005_Anza_01_90	1.756	342.70	US_1986_North Palm Springs_0	1.416	600.44	JP_2019_21FEB_EW	1.521	614.29	JP_2011_16APR_02_NS	0.250	120.27	US_1991_SierraMadre_90	0.348	143.17	US_1991_Petrolia_360	0.250	129.00
	17	JP_1997_Shizuoca_NS	1.384	343.95	JP_2019_21FEB_EW	1.521	614.29	US_1981_Westmorland_180	1.180	644.66	US_2005_Anza_02_90	0.250	125.54	US_1986_North Palm Springs_90	0.250	149.44	US_1991_Petrolia_90	0.250	172.13
	18	JP_2011_16APR_01_EW	2.363	356.74	US_1986_North Palm Springs_90	1.949	635.78	US_1981_Westmorland_90	1.378	686.77	JP_2004_25OCT_EW	0.288	126.17	JP_2016_Kumamoto_02_EW	0.250	153.33	US_1991_SierraMadre_0	0.250	176.46
	19	JP_2004_25OCT_EW	2.003	373.13	US_1981_Westmorland_180	1.180	644.66	US_1991_SierraMadre_0	1.498	779.16	JP_1997_Shizuoca_NS	0.303	126.29	US_1986_North Palm Springs_0	0.250	155.36	US_1991_SierraMadre_90	0.348	143.17
	20	US_2005_Anza_02_360	1.287	401.26	US_1991_SierraMadre_0	1.498	779.16	US_2005_Anza_02_360	1.287	401.26	JP_2011_16APR_02_EW	0.250	127.38	JP_2019_21FEB_EW	0.250	161.05	US_2005_Anza_02_360	0.250	108.50
MAP E	1	JP_2000_Mie_EW	1.452	474.65	JP_2000_Mie_NS	0.956	843.12	JP_1996_21DEC_EW	1.153	1448.84	JP_2000_Mie_EW	0.250	105.38	JP_2004_25OCT_EW	0.250	187.03	JP_1996_Nagano_EW	0.250	693.53
	2	JP_2011_16APR_03_EW	0.567	508.93	US_2005_Anza_02_90	0.936	939.72	JP_1996_Nagano_NS	0.551	1139.89	PE_1974_09NOV_02_EW	0.250	122.34	US_1991_SierraMadre_90	0.250	187.10	JP_1997_Shizuoca_NS	0.250	255.51
	3	JP_2012_30AGO_EW	0.646	788.33	JP_2011_16APR_02_NS	0.441	987.71	JP_1997_Shizuoca_NS	1.384	1640.85	JP_2004_25OCT_EW	0.250	187.03	US_2005_Anza_01_90	0.250	195.58	JP_2000_Mie_EW	0.250	105.38
	4	JP_2000_Mie_NS	0.956	843.12	JP_2011_16APR_02_EW	0.768	1052.33	JP_2000_Mie_NS	0.956	843.12	US_1991_SierraMadre_90	0.250	187.10	JP_2011_16APR_03_EW	0.250	207.08	JP_2000_Mie_NS	0.250	189.80
	5	US_2005_Anza_02_90	0.936	939.72	US_2005_Anza_02_360	1.287	1345.54	JP_2004_25OCT_EW	2.003	1839.41	PE_1974_09NOV_01_NS	0.250	188.44	US_2005_Anza_02_90	0.250	207.47	JP_2011_16APR_01_EW	0.250	215.10
	6	JP_2012_30AGO_NS	0.568	976.68	JP_2011_16APR_03_NS	0.548	1375.53	JP_2004_25OCT_NS	0.703	1206.16	JP_2000_Mie_NS	0.250	189.80	US_2005_Anza_02_360	0.250	210.28	JP_2011_16APR_01_NS	0.250	194.27
	7	JP_2011_16APR_02_NS	0.441	987.71	JP_1996_21DEC_EW	1.153	1448.84	JP_2011_16APR_01_EW	2.363	2314.24	PE_1974_09NOV_02_NS	0.250	194.02	JP_2011_16APR_01_EW	0.250	215.10	JP_2011_16APR_02_EW	0.250	304.44
	8	JP_2011_16APR_02_EW	0.768	1052.33	US_2005_Anza_01_90	1.756	1683.24	JP_2011_16APR_01_NS	1.212	1159.91	JP_2011_16APR_01_NS	0.250	194.27	US_2005_Anza_01_360	0.250	219.58	JP_2011_16APR_03_EW	0.250	207.08
	9	JP_1996_Nagano_NS	0.551	1139.89	JP_2004_25OCT_EW	2.003	1839.41	JP_2011_16APR_02_EW	0.768	1052.33	US_2005_Anza_01_90	0.250	195.58	JP_1997_Shizuoca_NS	0.250	255.51	JP_2012_30AGO_EW	0.250	295.38
	10	JP_2011_16APR_01_NS	1.212	1159.91	JP_2011_16APR_01_EW	2.363	2314.24	JP_2011_16APR_02_NS	0.441	987.71	JP_2011_16APR_03_EW	0.250	207.08	JP_2011_16APR_02_EW	0.250	304.44	JP_2012_30AGO_NS	0.250	428.71
	11	JP_2004_25OCT_NS	0.703	1206.16	JP_2016_Kumamoto_02_EW	1.064	2470.41	JP_2011_16APR_03_EW	0.567	508.93	US_2005_Anza_02_90	0.250	207.47	PE_1974_09NOV_01_EW	0.250	346.59	JP_2016_Kumamoto_02_EW	0.250	538.64
	12	JP_1996_Nagano_EW	0.470	1315.10	US_1991_Petrolia_360	0.971	2522.99	JP_2011_16APR_03_NS	0.548	1375.53	US_2005_Anza_02_360	0.250	210.28	JP_2016_Kumamoto_02_NS	0.250	351.41	JP_2016_Kumamoto_02_NS	0.250	351.41
	13	US_2005_Anza_02_360	1.287	1345.54	JP_2016_Kumamoto_02_NS	1.729	2651.32	JP_2012_30AGO_EW	0.646	788.33	JP_2011_16APR_01_EW	0.250	215.10	JP_2004_25OCT_NS	0.250	390.89	PE_1974_09NOV_01_EW	0.250	346.59
	14	JP_2011_16APR_03_NS	0.548	1375.53	US_1991_SierraMadre_90	3.297	2902.42	JP_2012_30AGO_NS	0.568	976.68	US_2005_Anza_01_360	0.250	219.58	JP_2012_30AGO_NS	0.250	428.71	PE_1974_09NOV_01_NS	0.250	188.44
	15	JP_1996_21DEC_EW	1.153	1448.84	JP_2019_21FEB_EW	1.521	3953.51	JP_2016_Kumamoto_02_EW	1.064	2470.41	JP_1997_Shizuoca_NS	0.250	255.51	JP_1996_Nagano_NS	0.250	514.10	PE_1974_09NOV_02_EW	0.250	122.34
	16	JP_1997_Shizuoca_NS	1.384	1640.85	JP_2019_21FEB_NS	1.544	4562.90	JP_2019_21FEB_EW	1.521	3953.51	JP_1996_21DEC_EW	0.250	270.28	JP_2011_16APR_02_NS	0.250	530.33	US_1991_Petrolia_360	0.250	609.99
	17	US_2005_Anza_01_90	1.756	1683.24	JP_2004_ChuetasuAftershock_02_NS	2.043	5035.12	US_1981_Westmorland_180	1.180	8313.83	JP_2012_30AGO_EW	0.250	295.38	JP_2016_Kumamoto_02_EW	0.250	538.64	US_1991_Petrolia_90	0.250	961.26
	18	JP_2004_25OCT_EW	2.003	1839.41	US_1986_North Palm Springs_90	1.949	5201.34	US_1981_Westmorland_90	1.378	9839.11	JP_2011_16APR_02_EW	0.250	304.44	JP_1996_21DEC_UD	0.250	541.59	US_1991_SierraMadre_0	0.250	1082.55
	19	JP_2011_16APR_01_EW	2.363	2314.24	JP_2004_23OCT_NS	2.214	5254.85	US_1991_SierraMadre_0	1.498	6785.43	PE_1974_09NOV_01_EW	0.250	346.59	JP_2004_23OCT_NS	0.250	557.51	US_1991_SierraMadre_90	0.250	187.10
	20	JP_2016_Kumamoto_02_EW	1.064	2470.41	JP_2004_ChuetasuAftershock_02_EW	1.476	6099.62	US_2005_Anza_02_360	1.287	1345.54	JP_2016_Kumamoto_02_NS	0.250	351.41	JP_2004_ChuetasuAftershock_02_NS	0.250	573.37	US_2005_Anza_02_360	0.250	210.28
MSE	1	JP_2012_30AGO_NS	0.568	1939.12	JP_2011_16APR_02_NS	0.441	72626.91	JP_1996_21DEC_EW	1.153	569120.47	JP_2012_30AGO_NS	0.573	1940.70	JP_2011_16APR_03_NS	0.295	22917.41	JP_1996_21DEC_EW	0.250	57260.64
	2	JP_1996_Nagano_NS	0.551	5654.92	JP_2011_16APR_03_NS	0.548	73795.15	JP_1996_Nagano_NS	0.551	5654.92	JP_1996_Nagano_NS	0.588	5389.24	JP_2011_16APR_02_NS	0.250	23742.92	JP_1997_Shizuoca_NS	0.498	33948.23
	3	JP_2011_16APR_03_EW	0.567	11302.72	JP_2016_Kumamoto_02_NS	1.729	105223.45	JP_1997_Shizuoca_NS	1.384	211041.15	JP_2000_Mie_EW	0.963	10807.45	JP_2016_Kumamoto_02_NS	0.820	26169.74	JP_2000_Mie_NS	0.303	35957.62
	4	JP_2000_Mie_EW	1.452	31173.78	US_1991_Petrolia_360	0.971	111476.82	JP_2000_Mie_NS	0.956	293837.35	JP_2011_16APR_03_EW	0.580	11248.21	JP_2004_25OCT_NS	0.355	26355.38	JP_2004_ChuetasuAftershock_02_NS	0.295	63125.83
	5	JP_1996_Nagano_EW	0.470	39268.71	JP_2011_16APR_02_EW	0.768	144933.81	JP_2004_25OCT_EW	2.003	270101.33	JP_1996_Nagano_EW	0.310	19508.80	US_1991_Petrolia_360	0.445	31329.41	JP_2011_16APR_01_EW	0.678	40277.60
	6	JP_2011_16APR_02_NS	0.441	72626.91	US_2005_Anza_02_90	0.936	210844.93	JP_2004_25OCT_NS	0.703	86869.36	JP_2011_16APR_03_NS	0.295	22917.41	JP_1997_Shizuoca_NS	0.498	33948.23	JP_2011_16APR_01_NS	0.318	48947.98
	7	JP_2011_16APR_03_NS	0.548	73795.15	US_2005_Anza_01_90	1.756	211653.38	JP_2011_16APR_01_EW	2.363	350126.82	JP_2011_16APR_02_NS	0.250	23742.92	US_2005_Anza_01_90	0.633	34958.13	JP_2011_16APR_02_EW	0.318	37705.74
	8	JP_2004_25OCT_NS	0.703	86869.36	JP_2004_25OCT_EW	2.003	270101.33	JP_2011_16APR_01_NS	1.212	371345.92	JP_2016_Kumamoto_02_NS	0.820	26169.74	JP_2011_16APR_02_EW	0.318	37705.74	JP_2011_16APR_02_NS	0.250	23742.92
	9	JP_2016_Kumamoto_02_NS	1.729	105223.45	JP_2000_Mie_NS	0.956	293837.35	JP_2011_16APR_02_EW	0.768	144933.81	JP_2004_25OCT_NS	0.355	26355.38	US_2005_Anza_01_360	1.000	38720.84	JP_2012_30AGO_EW	0.295	28141.54
	10	US_1991_Petrolia_360	0.971	111476.82	US_2005_Anza_02_360	1.287	325079.11	JP_2011_16APR_02_NS	0.441	72626.91	JP_2012_30AGO_EW	0.295	28141.54	JP_2011_16APR_01_EW	0.678	40277.60	JP_2016_Kumamoto_02_EW	0.273	52651.42
	11	JP_2012_30AGO_EW	0.646	117230.25	JP_2011_16APR_01_EW	2.363	350126.82	JP_2011_16APR_03_EW	0.567	11302.72	US_1991_Petrolia_360	0.445	31329.41	PE_1974_09NOV_02_NS	2.030	44538.61	JP_2016_Kumamoto_02_NS	0.820	26169.74

	1 2	JP_2011_16APR_02_E W	0.76 8	144933. 81	JP_2016_Kumamoto_02_EW	1.06 4	357470. 75	JP_2011_16APR_03_NS	0.54 8	73795.15	JP_1997_Shizuoca_NS	0.49 8	33948. 23	JP_2004_25OCT_EW	0.61 8	45262. 43	PE_1974_09NOV_01_EW	0.72 3	62342. 72
	1 3	US_2005_Anza_02_90	0.93 6	210844. 93	US_1991_SierraMadre_90	3.29 7	494916. 90	JP_2012_30AGO_EW	0.64 6	117230.2 5	US_2005_Anza_01_90	0.63 3	34958. 13	PE_1974_09NOV_02_EW	2.69 7	46777. 76	PE_1974_09NOV_01_NS	1.21 2	56392. 69
	1 4	JP_1997_Shizuoca_NS	1.38 4	211041. 15	JP_2004_23OCT_NS	2.21 4	511137. 13	JP_2012_30AGO_NS	0.56 8	1939.12	US_2005_Anza_02_360	0.39 3	35420. 16	US_1991_SierraMadre_90	0.76 8	49538. 38	PE_1974_09NOV_02_EW	2.69 7	46777. 76
	1 5	US_2005_Anza_01_90	1.75 6	211653. 38	US_1986_North Palm Springs_0	1.41 6	528949. 90	JP_2016_Kumamoto_02 _EW	1.06 4	357470.7 5	JP_2000_Mie_NS	0.30 3	35957. 62	US_1986_North Palm Springs_0	0.31 0	52474. 47	US_1981_Westmorland_180	0.25 0	67291. 74
	1 6	JP_2004_25OCT_EW	2.00 3	270101. 33	JP_1996_21DEC_EW	1.15 3	569120. 47	JP_2019_21FEB_EW	1.52 1	650378.8 9	JP_2011_16APR_02_E W	0.31 8	37705. 74	JP_2016_Kumamoto_02_EW	0.27 3	52651. 42	US_1991_Petrolia_360	0.44 5	31329. 41
	1 7	JP_2000_Mie_NS	0.95 6	293837. 35	US_1986_North Palm Springs_90	1.94 9	625494. 75	US_1981_Westmorland_ 180	1.18 0	630678.6 9	US_2005_Anza_01_360	1.00 0	38720. 84	US_1991_Petrolia_90	0.26 5	52776. 35	US_1991_Petrolia_90	0.26 5	52776. 35
	1 8	US_2005_Anza_01_360	3.26 3	296655. 08	US_1981_Westmorland_180	1.18 0	630678. 69	US_1981_Westmorland_ 90	1.37 8	628656.5 8	US_2005_Anza_02_90	0.33 3	39664. 07	US_1986_North Palm Springs_90	0.39 3	53125. 72	US_1991_SierraMadre_0	0.25 0	64054. 68
	1 9	US_1991_Petrolia_90	0.94 6	308694. 81	JP_2019_21FEB_EW	1.52 1	650378. 89	US_1991_SierraMadre_ 0	1.49 8	1082123. 53	JP_2011_16APR_01_E W	0.67 8	40277. 60	PE_1974_09NOV_01_NS	1.21 2	56392. 69	US_1991_SierraMadre_90	0.76 8	49538. 38
	2 0	US_2005_Anza_02_360	1.28 7	325079. 11	JP_2004_23OCT_EW	1.54 4	968724. 15	US_2005_Anza_02_360	1.28 7	325079.1 1	JP_1996_21DEC_UD	0.76 0	40604. 45	JP_1996_21DEC_EW	0.25 0	57260. 64	US_2005_Anza_02_360	0.39 3	35420. 16
RMS E	1	JP_2012_30AGO_NS	0.56 8	44.04	JP_2011_16APR_02_NS	0.44 1	269.49	JP_1996_21DEC_EW	1.15 3	754.40	JP_2012_30AGO_NS	0.57 3	44.05	JP_2011_16APR_03_NS	0.29 5	151.38	JP_1996_21DEC_EW	0.25 0	239.29
	2	JP_1996_Nagano_NS	0.55 1	75.20	JP_2011_16APR_03_NS	0.54 8	271.65	JP_1996_Nagano_NS	0.55 1	75.20	JP_1996_Nagano_NS	0.58 8	73.41	JP_2011_16APR_02_NS	0.25 0	154.09	JP_1997_Shizuoca_NS	0.49 8	184.25
	3	JP_2011_16APR_03_E W	0.56 7	106.31	JP_2016_Kumamoto_02_NS	1.72 9	324.38	JP_1997_Shizuoca_NS	1.38 4	459.39	JP_2000_Mie_EW	0.96 3	103.96	JP_2016_Kumamoto_02_NS	0.82 0	161.77	JP_2000_Mie_NS	0.30 3	189.62
	4	JP_2000_Mie_EW	1.45 2	176.56	US_1991_Petrolia_360	0.97 1	333.88	JP_2000_Mie_NS	0.95 6	542.07	JP_2011_16APR_03_E W	0.58 0	106.06	JP_2004_25OCT_NS	0.35 5	162.34	JP_2004_ChuetsuAftershock_0 2_NS	0.29 5	251.25
	5	JP_1996_Nagano_EW	0.47 0	198.16	JP_2011_16APR_02_EW	0.76 8	380.70	JP_2004_25OCT_EW	2.00 3	519.71	JP_1996_Nagano_EW	0.31 0	139.67	US_1991_Petrolia_360	0.44 5	177.00	JP_2011_16APR_01_EW	0.67 8	200.69
	6	JP_2011_16APR_02_NS	0.44 1	269.49	US_2005_Anza_02_90	0.93 6	459.18	JP_2004_25OCT_NS	0.70 3	294.74	JP_2011_16APR_03_N S	0.29 5	151.38	JP_1997_Shizuoca_NS	0.49 8	184.25	JP_2011_16APR_01_NS	0.31 8	221.24
	7	JP_2011_16APR_03_NS	0.54 8	271.65	US_2005_Anza_01_90	1.75 6	460.06	JP_2011_16APR_01_E W	2.36 3	591.72	JP_2011_16APR_02_N S	0.25 0	154.09	US_2005_Anza_01_90	0.63 3	186.97	JP_2011_16APR_02_EW	0.31 8	194.18
	8	JP_2004_25OCT_NS	0.70 3	294.74	JP_2004_25OCT_EW	2.00 3	519.71	JP_2011_16APR_01_NS	1.21 2	609.38	JP_2016_Kumamoto_02 _NS	0.82 0	161.77	JP_2011_16APR_02_EW	0.31 8	194.18	JP_2011_16APR_02_NS	0.25 0	154.09
	9	JP_2016_Kumamoto_02 _NS	1.72 9	324.38	JP_2000_Mie_NS	0.95 6	542.07	JP_2011_16APR_02_E W	0.76 8	380.70	JP_2004_25OCT_NS	0.35 5	162.34	US_2005_Anza_01_360	1.00 0	196.78	JP_2012_30AGO_EW	0.29 5	167.75
	1 0	US_1991_Petrolia_360	0.97 1	333.88	US_2005_Anza_02_360	1.28 7	570.16	JP_2011_16APR_02_NS	0.44 1	269.49	JP_2012_30AGO_EW	0.29 5	167.75	JP_2011_16APR_01_EW	0.67 8	200.69	JP_2016_Kumamoto_02_EW	0.27 3	229.46
	1 1	JP_2012_30AGO_EW	0.64 6	342.39	JP_2011_16APR_01_EW	2.36 3	591.72	JP_2011_16APR_03_E W	0.56 7	106.31	US_1991_Petrolia_360	0.44 5	177.00	PE_1974_09NOV_02_NS	2.03 0	211.04	JP_2016_Kumamoto_02_NS	0.82 0	161.77
	1 2	JP_2011_16APR_02_E W	0.76 8	380.70	JP_2016_Kumamoto_02_EW	1.06 4	597.89	JP_2011_16APR_03_NS	0.54 8	271.65	JP_1997_Shizuoca_NS	0.49 8	184.25	JP_2004_25OCT_EW	0.61 8	212.75	PE_1974_09NOV_01_EW	0.72 3	249.69
	1 3	US_2005_Anza_02_90	0.93 6	459.18	US_1991_SierraMadre_90	3.29 7	703.50	JP_2012_30AGO_EW	0.64 6	342.39	US_2005_Anza_01_90	0.63 3	186.97	PE_1974_09NOV_02_EW	2.69 7	216.28	PE_1974_09NOV_01_NS	1.21 2	237.47
	1 4	JP_1997_Shizuoca_NS	1.38 4	459.39	JP_2004_23OCT_NS	2.21 4	714.94	JP_2012_30AGO_NS	0.56 8	44.04	US_2005_Anza_02_360	0.39 3	188.20	US_1991_SierraMadre_90	0.76 8	222.57	PE_1974_09NOV_02_EW	2.69 7	216.28
	1 5	US_2005_Anza_01_90	1.75 6	460.06	US_1986_North Palm Springs_0	1.41 6	727.29	JP_2016_Kumamoto_02 _EW	1.06 4	597.89	JP_2000_Mie_NS	0.30 3	189.62	US_1986_North Palm Springs_0	0.31 0	229.07	US_1981_Westmorland_180	0.25 0	259.41
	1 6	JP_2004_25OCT_EW	2.00 3	519.71	JP_1996_21DEC_EW	1.15 3	754.40	JP_2019_21FEB_EW	1.52 1	806.46	JP_2011_16APR_02_E W	0.31 8	194.18	JP_2016_Kumamoto_02_EW	0.27 3	229.46	US_1991_Petrolia_360	0.44 5	177.00
	1 7	JP_2000_Mie_NS	0.95 6	542.07	US_1986_North Palm Springs_90	1.94 9	790.88	US_1981_Westmorland_ 180	1.18 0	794.15	US_2005_Anza_01_360	1.00 0	196.78	US_1991_Petrolia_90	0.26 5	229.73	US_1991_Petrolia_90	0.26 5	229.73
	1 8	US_2005_Anza_01_360	3.26 3	544.66	US_1981_Westmorland_180	1.18 0	794.15	US_1981_Westmorland_ 90	1.37 8	792.88	US_2005_Anza_02_90	0.33 3	199.16	US_1986_North Palm Springs_90	0.39 3	230.49	US_1991_SierraMadre_0	0.25 0	253.09
	1 9	US_1991_Petrolia_90	0.94 6	555.60	JP_2019_21FEB_EW	1.52 1	806.46	US_1991_SierraMadre_ 0	1.49 8	1040.25	JP_2011_16APR_01_E W	0.67 8	200.69	PE_1974_09NOV_01_NS	1.21 2	237.47	US_1991_SierraMadre_90	0.76 8	222.57
	2 0	US_2005_Anza_02_360	1.28 7	570.16	JP_2004_23OCT_EW	1.54 4	984.24	US_2005_Anza_02_360	1.28 7	570.16	JP_1996_21DEC_UD	0.76 0	201.51	JP_1996_21DEC_EW	0.25 0	239.29	US_2005_Anza_02_360	0.39 3	188.20

REGISTROS SELECCIONADOS CASO Ymr-II T=0.08s - TSemc-tr-2475																			
Caso:		TSemc-tr-2475_NSp_Sbs			TSemc-tr-2475_NSp_Sci			TSemc-tr-2475_NSp_Ssr			TSemc-tr-2475_NSr_Sbs			TSemc-tr-2475_NSr_Sci			TSemc-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2012_30AGO_NS	0.74 1	45.42	JP_2012_30AGO_NS	0.74 1	45.42	JP_1996_21DEC_EW	1.50 4	549.10	JP_2012_30AGO_NS	0.73 8	45.47	JP_2004_25OCT_NS	0.30 3	134.67	JP_1996_21DEC_EW	0.25 0	179.00
	2	JP_1996_Nagano_NS	0.71 9	72.75	JP_2000_Mie_EW	1.89 3	129.34	JP_1996_Nagano_EW	0.61 3	101.39	JP_1996_Nagano_NS	0.72 3	72.78	JP_2011_16APR_03_NS	0.27 3	141.55	JP_1997_Shizuoca_NS	0.37 0	164.12
	3	JP_2011_16APR_03_E W	0.74 0	90.16	JP_2011_16APR_02_NS	0.57 6	268.55	JP_1996_Nagano_NS	0.71 9	72.75	JP_2000_Mie_EW	1.21 2	75.22	JP_2011_16APR_01_EW	0.51 3	144.01	JP_2000_Mie_NS	0.35 5	124.07
	4	JP_1996_Nagano_EW	0.61 3	101.39	JP_2011_16APR_03_NS	0.71 5	283.15	JP_1997_Shizuoca_EW	1.27 0	701.40	JP_2011_16APR_03_E W	0.71 5	89.66	JP_2016_Kumamoto_02_NS	0.60 3	145.77	JP_2004_ChuetsuAftershock_0 2_NS	0.25 0	211.16

	5	JP_2000_Mie_EW	1.89 3	129.34	JP_2000_Mie_NS	1.24 7	310.43	JP_1997_Shizuoca_NS	1.80 5	455.22	JP_1996_Nagano_EW	0.45 3	100.75	JP_2011_16APR_02_NS	0.25 0	149.70	JP_2011_16APR_01_EW	0.51 3	144.01
	6	JP_2012_30AGO_EW	0.84 3	180.68	JP_2016_Kumamoto_02_NS	2.25 5	328.95	JP_2000_Mie_NS	1.24 7	310.43	JP_2012_30AGO_EW	0.38 5	113.51	US_2005_Anza_01_90	0.49 0	153.28	JP_2011_16APR_01_NS	0.29 5	146.25
	7	JP_2011_16APR_02_N S	0.57 6	268.55	JP_2011_16APR_02_EW	1.00 2	338.77	JP_2004_25OCT_EW	2.61 3	492.54	JP_2000_Mie_NS	0.35 5	124.07	JP_2011_16APR_02_EW	0.25 0	159.39	JP_2011_16APR_02_EW	0.25 0	159.39
	8	JP_2004_25OCT_NS	0.91 7	270.86	US_1991_Petrolia_360	1.26 7	365.04	JP_2004_25OCT_NS	0.91 7	270.86	JP_2004_25OCT_NS	0.30 3	134.67	JP_2004_25OCT_EW	0.34 8	164.02	JP_2016_Kumamoto_02_EW	0.25 0	192.09
	9	JP_2011_16APR_03_N S	0.71 5	283.15	JP_2011_16APR_01_NS	1.58 1	390.76	JP_2011_16APR_01_N S	1.58 1	390.76	JP_1996_21DEC_UD	0.69 3	137.64	JP_1997_Shizuoca_NS	0.37 0	164.12	JP_2016_Kumamoto_02_NS	0.60 3	145.77
	10	JP_2000_Mie_NS	1.24 7	310.43	US_2005_Anza_02_90	1.22 1	406.26	JP_2011_16APR_02_E W	1.00 2	338.77	US_2005_Anza_02_360	0.26 5	140.97	US_1991_Petrolia_360	0.29 5	167.06	PE_1974_09NOV_01_EW	0.25 8	192.86
	11	JP_2016_Kumamoto_02 NS	2.25 5	328.95	US_2005_Anza_01_90	2.29 1	453.59	JP_2011_16APR_02_N S	0.57 6	268.55	JP_2011_16APR_03_N S	0.27 3	141.55	US_2005_Anza_01_360	0.67 8	175.23	PE_1974_09NOV_01_NS	0.53 5	188.07
	12	JP_2011_16APR_02_E W	1.00 2	338.77	JP_2011_16APR_01_EW	3.08 2	471.64	JP_2011_16APR_03_N S	0.71 5	283.15	JP_2011_16APR_01_E W	0.51 3	144.01	PE_1974_09NOV_02_NS	0.83 5	183.72	PE_1974_09NOV_02_EW	1.30 3	184.51
	13	US_1991_Petrolia_360	1.26 7	365.04	JP_2004_25OCT_EW	2.61 3	492.54	JP_2012_30AGO_EW	0.84 3	180.68	JP_2016_Kumamoto_02 NS	0.60 3	145.77	PE_1974_09NOV_02_EW	1.30 3	184.51	US_1981_Westmorland_180	0.25 0	234.88
	14	JP_2011_16APR_01_N S	1.58 1	390.76	US_2005_Anza_02_360	1.67 8	529.97	JP_2016_Kumamoto_02 EW	1.38 8	544.40	JP_2011_16APR_01_N S	0.29 5	146.25	US_1991_SierraMadre_90	0.41 5	184.63	US_1986_North Palm Springs 0	0.25 0	193.04
	15	US_2005_Anza_02_90	1.22 1	406.26	JP_2016_Kumamoto_02_EW	1.38 8	544.40	JP_2016_Kumamoto_02 NS	2.25 5	328.95	JP_2011_16APR_02_N S	0.25 0	149.70	PE_1974_09NOV_01_NS	0.53 5	188.07	US_1986_North Palm Springs 90	0.25 0	190.54
	16	US_2005_Anza_01_90	2.29 1	453.59	JP_1996_21DEC_EW	1.50 4	549.10	JP_2019_21FEB_EW	1.98 4	807.84	US_2005_Anza_01_90	0.49 0	153.28	US_1986_North Palm Springs 90	0.25 0	190.54	US_1991_Petrolia_360	0.29 5	167.06
	17	JP_1997_Shizuoca_NS	1.80 5	455.22	JP_2004_23OCT_NS	2.88 8	721.65	US_1981_Westmorland_ 180	1.53 9	847.19	US_2005_Anza_02_90	0.25 0	157.55	JP_2016_Kumamoto_02_EW	0.25 0	192.09	US_1991_Petrolia_90	0.25 0	208.33
	18	JP_2011_16APR_01_E W	3.08 2	471.64	US_1986_North Palm Springs 0	1.84 7	788.84	US_1981_Westmorland_ 90	1.79 7	902.12	JP_2011_16APR_02_E W	0.25 0	159.39	US_1986_North Palm Springs 0	0.25 0	193.04	US_1991_SierraMadre_0	0.25 0	212.66
	19	JP_2004_25OCT_EW	2.61 3	492.54	JP_2019_21FEB_EW	1.98 4	807.84	US_1991_SierraMadre_ 0	1.95 4	1022.63	JP_2004_25OCT_EW	0.34 8	164.02	JP_2019_21FEB_EW	0.25 0	198.68	US_1991_SierraMadre_90	0.41 5	184.63
	20	US_2005_Anza_02_360	1.67 8	529.97	US_1986_North Palm Springs 90	2.54 3	835.83	US_2005_Anza_02_360	1.67 8	529.97	JP_1997_Shizuoca_NS	0.37 0	164.12	US_1991_Petrolia_90	0.25 0	208.33	US_2005_Anza_02_360	0.26 5	140.97
MAP E	1	JP_2000_Mie_EW	1.89 3	596.15	JP_2000_Mie_EW	1.89 3	596.15	JP_1996_21DEC_EW	1.50 4	1758.30	JP_2000_Mie_EW	0.25 0	107.51	US_1991_SierraMadre_90	0.25 0	173.39	JP_1996_Nagano_EW	0.25 0	665.81
	2	JP_2011_16APR_03_E W	0.74 0	637.29	JP_2000_Mie_NS	1.24 7	1042.85	JP_1996_Nagano_EW	0.61 3	1646.90	PE_1974_09NOV_02_E W	0.25 0	120.13	JP_2004_25OCT_EW	0.25 0	174.44	JP_1997_Shizuoca_NS	0.25 0	235.20
	3	JP_2012_30AGO_EW	0.84 3	990.67	US_2005_Anza_02_90	1.22 1	1128.84	JP_1996_Nagano_NS	0.71 9	1418.89	US_1991_SierraMadre_ 90	0.25 0	173.39	US_2005_Anza_01_90	0.25 0	181.40	JP_2000_Mie_EW	0.25 0	107.51
	4	JP_2000_Mie_NS	1.24 7	1042.85	JP_2011_16APR_02_NS	0.57 6	1198.66	JP_1997_Shizuoca_EW	1.27 0	4735.22	JP_2004_25OCT_EW	0.25 0	174.44	US_2005_Anza_02_90	0.25 0	186.09	JP_2000_Mie_NS	0.25 0	181.85
	5	US_2005_Anza_02_90	1.22 1	1128.84	JP_2012_30AGO_NS	0.74 1	1231.97	JP_1997_Shizuoca_NS	1.80 5	1980.99	PE_1974_09NOV_01_N S	0.25 0	178.00	US_2005_Anza_02_360	0.25 0	189.81	JP_2011_16APR_01_EW	0.25 0	211.23
	6	JP_2011_16APR_02_N S	0.57 6	1198.66	JP_2011_16APR_02_EW	1.00 2	1275.45	JP_2000_Mie_NS	1.24 7	1042.85	US_2005_Anza_01_90	0.25 0	181.40	JP_2011_16APR_03_EW	0.25 0	199.73	JP_2011_16APR_01_NS	0.25 0	183.71
	7	JP_2012_30AGO_NS	0.74 1	1231.97	JP_2011_16APR_01_NS	1.58 1	1424.05	JP_2004_25OCT_EW	2.61 3	2228.29	JP_2000_Mie_NS	0.25 0	181.85	US_2005_Anza_01_360	0.25 0	206.02	JP_2011_16APR_02_EW	0.25 0	277.41
	8	JP_2011_16APR_02_E W	1.00 2	1275.45	US_2005_Anza_02_360	1.67 8	1611.79	JP_2004_25OCT_NS	0.91 7	1484.12	JP_2011_16APR_01_N S	0.25 0	183.71	JP_2011_16APR_01_EW	0.25 0	211.23	JP_2011_16APR_03_EW	0.25 0	199.73
	9	JP_1996_Nagano_NS	0.71 9	1418.89	JP_2011_16APR_03_NS	0.71 5	1681.41	JP_2011_16APR_01_N S	1.58 1	1424.05	US_2005_Anza_02_90	0.25 0	186.09	JP_1997_Shizuoca_NS	0.25 0	235.20	JP_2012_30AGO_EW	0.25 0	286.58
	10	JP_2011_16APR_01_N S	1.58 1	1424.05	JP_1996_21DEC_EW	1.50 4	1758.30	JP_2011_16APR_02_E W	1.00 2	1275.45	PE_1974_09NOV_02_N S	0.25 0	188.80	JP_2011_16APR_02_EW	0.25 0	277.41	JP_2012_30AGO_NS	0.25 0	416.89
	11	JP_2004_25OCT_NS	0.91 7	1484.12	US_2005_Anza_01_90	2.29 1	2042.56	JP_2011_16APR_02_N S	0.57 6	1198.66	US_2005_Anza_02_360	0.25 0	189.81	PE_1974_09NOV_01_EW	0.25 0	323.31	JP_2016_Kumamoto_02_EW	0.25 0	499.35
	12	US_2005_Anza_02_360	1.67 8	1611.79	JP_2004_25OCT_EW	2.61 3	2228.29	JP_2011_16APR_03_N S	0.71 5	1681.41	JP_2011_16APR_03_E W	0.25 0	199.73	JP_2016_Kumamoto_02_NS	0.25 0	333.49	JP_2016_Kumamoto_02_NS	0.25 0	333.49
	13	JP_1996_Nagano_EW	0.61 3	1646.90	JP_2011_16APR_01_EW	3.08 2	2861.41	JP_2012_30AGO_EW	0.84 3	990.67	US_2005_Anza_01_360	0.25 0	206.02	JP_2004_25OCT_NS	0.25 0	364.86	PE_1974_09NOV_01_EW	0.25 0	323.31
	14	JP_2011_16APR_03_N S	0.71 5	1681.41	JP_2016_Kumamoto_02_EW	1.38 8	3000.85	JP_2016_Kumamoto_02 EW	1.38 8	3000.85	JP_2011_16APR_01_E W	0.25 0	211.23	JP_2012_30AGO_NS	0.25 0	416.89	PE_1974_09NOV_01_NS	0.25 0	178.00
	15	JP_1996_21DEC_EW	1.50 4	1758.30	US_1991_Petrolia_360	1.26 7	3082.49	JP_2016_Kumamoto_02 NS	2.25 5	3266.71	JP_1997_Shizuoca_NS	0.25 0	235.20	JP_2011_16APR_02_NS	0.25 0	485.83	PE_1974_09NOV_02_EW	0.25 0	120.13
	16	JP_1997_Shizuoca_NS	1.80 5	1980.99	JP_2016_Kumamoto_02_NS	2.25 5	3266.71	JP_2019_21FEB_EW	1.98 4	4789.05	JP_1996_21DEC_EW	0.25 0	247.05	JP_1996_Nagano_NS	0.25 0	491.28	US_1991_Petrolia_360	0.25 0	569.19
	17	US_2005_Anza_01_90	2.29 1	2042.56	JP_2019_21FEB_EW	1.98 4	4789.05	US_1981_Westmorland_ 180	1.53 9	10132.56	JP_2011_16APR_02_E W	0.25 0	277.41	JP_2016_Kumamoto_02_EW	0.25 0	499.35	US_1991_Petrolia_90	0.25 0	889.02
	18	JP_2004_25OCT_EW	2.61 3	2228.29	JP_2019_21FEB_NS	2.01 3	5480.84	US_1981_Westmorland_ 90	1.79 7	11971.78	JP_2012_30AGO_EW	0.25 0	286.58	JP_2004_23OCT_NS	0.25 0	519.39	US_1991_SierraMadre_0	0.25 0	1014.10
	19	JP_2011_16APR_01_E W	3.08 2	2861.41	JP_2004_ChuettsuAftershock_0 2 NS	2.66 5	6052.57	US_1991_SierraMadre_ 0	1.95 4	8306.32	PE_1974_09NOV_01_E W	0.25 0	323.31	JP_1996_21DEC_UD	0.25 0	524.27	US_1991_SierraMadre_90	0.25 0	173.39
	20	JP_2016_Kumamoto_02 EW	1.38 8	3000.85	US_1986_North Palm Springs 90	2.54 3	6326.61	US_2005_Anza_02_360	1.67 8	1611.79	JP_2016_Kumamoto_02 NS	0.25 0	333.49	JP_2004_ChuettsuAftershock_0 2 NS	0.25 0	527.36	US_2005_Anza_02_360	0.25 0	189.81
MSE	1	JP_2012_30AGO_NS	0.74 1	3736.61	JP_2012_30AGO_NS	0.74 1	3736.61	JP_1996_21DEC_EW	1.50 4	982806.9 5	JP_2012_30AGO_NS	0.73 0	3711.9 9	JP_2011_16APR_03_NS	0.37 0	40122. 60	JP_1996_21DEC_EW	0.29 5	96614.4 9
	2	JP_1996_Nagano_NS	0.71 9	8742.49	JP_2000_Mie_EW	1.89 3	56230.35	JP_1996_Nagano_EW	0.61 3	66884.41	JP_1996_Nagano_NS	0.75 3	8465.6 5	JP_2011_16APR_02_NS	0.30 3	41095. 66	JP_1997_Shizuoca_NS	0.63 3	58282.6 8
	3	JP_2011_16APR_03_E W	0.74 0	19248.1 7	JP_2011_16APR_02_NS	0.57 6	129236.4 9	JP_1996_Nagano_NS	0.71 9	8742.49	JP_2000_Mie_EW	1.24 2	19032. 31	JP_2016_Kumamoto_02_NS	1.03 0	45577. 15	JP_2000_Mie_NS	0.38 5	61151.9 5

	4	JP_2000_Mie_EW	1.89 3	56230.3 5	JP_2011_16APR_03_NS	0.71 5	131501.9 8	JP_1997_Shizuoca_EW	1.27 0	1007928. 41	JP_2011_16APR_03_E W	0.74 5	19235. 85	JP_2004_25OCT_NS	0.45 3	45762. 46	JP_2004_Chuet suAftershock_0 2_NS	0.37 8	106153. 97
	5	JP_1996_Nagano_EW	0.61 3	66884.4 1	JP_2016_Kumamoto_02_NS	2.25 5	186107.0 5	JP_1997_Shizuoca_NS	1.80 5	368259.0 1	JP_1996_Nagano_EW	0.40 0	31748. 87	US_1991_Petrolia_360	0.57 3	54019. 99	JP_2011_16APR_01_EW	0.85 8	69046.7 6
	6	JP_2011_16APR_02_N S	0.57 6	129236. 49	US_1991_Petrolia_360	1.26 7	196343.4 4	JP_2000_Mie_NS	1.24 7	509314.4 3	JP_2011_16APR_03_N S	0.37 0	40122. 60	JP_1997_Shizuoca_NS	0.63 3	58282. 68	JP_2011_16APR_01_NS	0.40 8	83086.8 5
	7	JP_2011_16APR_03_N S	0.71 5	131501. 98	JP_2011_16APR_02_EW	1.00 2	254326.7 2	JP_2004_25OCT_EW	2.61 3	470574.7 8	JP_2011_16APR_02_N S	0.30 3	41095. 66	US_2005_Anza_01_90	0.79 8	60391. 78	JP_2011_16APR_02_EW	0.40 0	64755.5 9
	8	JP_2004_25OCT_NS	0.91 7	153901. 06	US_2005_Anza_02_90	1.22 1	368588.5 8	JP_2004_25OCT_NS	0.91 7	153901.0 6	JP_2016_Kumamoto_02 NS	1.03 0	45577. 15	JP_2011_16APR_02_EW	0.40 0	64755. 59	JP_2012_30AGO_EW	0.37 8	48156.1 8
	9	JP_2016_Kumamoto_02 NS	2.25 5	186107. 05	US_2005_Anza_01_90	2.29 1	370499.9 7	JP_2011_16APR_01_N S	1.58 1	643224.4 1	JP_2004_25OCT_NS	0.45 3	45762. 46	US_2005_Anza_01_360	1.27 3	66389. 51	JP_2016_Kumamoto_02_EW	0.34 8	89027.7 3
	10	US_1991_Petrolia_360	1.26 7	196343. 44	JP_2004_25OCT_EW	2.61 3	470574.7 8	JP_2011_16APR_02_E W	1.00 2	254326.7 2	JP_2012_30AGO_EW	0.37 8	48156. 18	JP_2011_16APR_01_EW	0.85 8	69046. 76	JP_2016_Kumamoto_02_NS	1.03 0	45577.1 5
	11	JP_2012_30AGO_EW	0.84 3	205278. 86	JP_2000_Mie_NS	1.24 7	509314.4 3	JP_2011_16APR_02_N S	0.57 6	129236.4 9	US_1991_Petrolia_360	0.57 3	54019. 99	PE_1974_09NOV_02_NS	2.57 6	75820. 34	PE_1974_09NOV_01_EW	0.90 3	105155. 66
	12	JP_2011_16APR_02_E W	1.00 2	254326. 72	US_2005_Anza_02_360	1.67 8	565936.7 6	JP_2011_16APR_03_N S	0.71 5	131501.9 8	JP_1997_Shizuoca_NS	0.63 3	58282. 68	JP_2004_25OCT_EW	0.78 3	77392. 16	PE_1974_09NOV_01_NS	1.51 5	95533.9 9
	13	JP_1997_Shizuoca_NS	1.80 5	368259. 01	JP_2011_16APR_01_EW	3.08 2	608388.0 6	JP_2012_30AGO_EW	0.84 3	205278.8 6	US_2005_Anza_01_90	0.79 8	60391. 78	PE_1974_09NOV_02_EW	3.39 4	79548. 14	PE_1974_09NOV_02_EW	3.39 4	79548.1 4
	14	US_2005_Anza_02_90	1.22 1	368588. 58	JP_2016_Kumamoto_02_EW	1.38 8	618483.5 9	JP_2016_Kumamoto_02 EW	1.38 8	618483.5 9	US_2005_Anza_02_360	0.49 8	61111. 75	US_1991_SierraMadre_90	0.97 0	84077. 97	US_1981_Westmorland_180	0.25 8	110547. 46
	15	US_2005_Anza_01_90	2.29 1	370499. 97	JP_2011_16APR_01_NS	1.58 1	643224.4 1	JP_2016_Kumamoto_02 NS	2.25 5	186107.0 5	JP_2000_Mie_NS	0.38 5	61151. 95	JP_2016_Kumamoto_02_EW	0.34 8	89027. 73	US_1986_North Palm Springs 0	0.39 3	89068.0 2
	16	JP_2004_25OCT_EW	2.61 3	470574. 78	JP_2004_23OCT_NS	2.88 8	880955.9 6	JP_2019_21FEB_EW	1.98 4	1122100. 00	JP_2011_16APR_02_E W	0.40 0	64755. 59	US_1986_North Palm Springs 0	0.39 3	89068. 02	US_1991_Petrolia_360	0.57 3	54019.9 9
	17	JP_2000_Mie_NS	1.24 7	509314. 43	US_1986_North Palm Springs 0	1.84 7	914457.9 4	US_1981_Westmorland_ 180	1.53 9	1084326. 99	US_2005_Anza_01_360	1.27 3	66389. 51	US_1991_Petrolia_90	0.33 3	89251. 41	US_1991_Petrolia_90	0.33 3	89251.4 1
	18	US_1991_Petrolia_90	1.23 3	534660. 68	JP_1996_21DEC_EW	1.50 4	982806.9 5	US_1981_Westmorland_ 90	1.79 7	1081966. 14	US_2005_Anza_02_90	0.41 5	68110. 40	US_1986_North Palm Springs 90	0.49 8	90126. 38	US_1991_SierraMadre_0	0.26 5	106360. 03
	19	US_2005_Anza_02_360	1.67 8	565936. 76	US_1986_North Palm Springs 90	2.54 3	1080026. 12	US_1991_SierraMadre_ 0	1.95 4	1861037. 09	JP_2011_16APR_01_E W	0.85 8	69046. 76	PE_1974_09NOV_01_NS	1.51 5	95533. 99	US_1991_SierraMadre_90	0.97 0	84077.9 7
	20	JP_2011_16APR_01_E W	3.08 2	608388. 06	US_1981_Westmorland_180	1.53 9	1084326. 99	US_2005_Anza_02_360	1.67 8	565936.7 6	JP_1996_21DEC_UD	0.96 3	69608. 40	JP_1996_21DEC_EW	0.29 5	96614. 49	US_2005_Anza_02_360	0.49 8	61111.7 5
RMS E	1	JP_2012_30AGO_NS	0.74 1	61.13	JP_2012_30AGO_NS	0.74 1	61.13	JP_1996_21DEC_EW	1.50 4	991.37	JP_2012_30AGO_NS	0.73 0	60.93	JP_2011_16APR_03_NS	0.37 0	200.31	JP_1996_21DEC_EW	0.29 5	310.83
	2	JP_1996_Nagano_NS	0.71 9	93.50	JP_2000_Mie_EW	1.89 3	237.13	JP_1996_Nagano_EW	0.61 3	258.62	JP_1996_Nagano_NS	0.75 3	92.01	JP_2011_16APR_02_NS	0.30 3	202.72	JP_1997_Shizuoca_NS	0.63 3	241.42
	3	JP_2011_16APR_03_E W	0.74 0	138.74	JP_2011_16APR_02_NS	0.57 6	359.49	JP_1996_Nagano_NS	0.71 9	93.50	JP_2000_Mie_EW	1.24 2	137.96	JP_2016_Kumamoto_02_NS	1.03 0	213.49	JP_2000_Mie_NS	0.38 5	247.29
	4	JP_2000_Mie_EW	1.89 3	237.13	JP_2011_16APR_03_NS	0.71 5	362.63	JP_1997_Shizuoca_EW	1.27 0	1003.96	JP_2011_16APR_03_E W	0.74 5	138.69	JP_2004_25OCT_NS	0.45 3	213.92	JP_2004_Chuet suAftershock_0 2_NS	0.37 8	325.81
	5	JP_1996_Nagano_EW	0.61 3	258.62	JP_2016_Kumamoto_02_NS	2.25 5	431.40	JP_1997_Shizuoca_NS	1.80 5	606.84	JP_1996_Nagano_EW	0.40 0	178.18	US_1991_Petrolia_360	0.57 3	232.42	JP_2011_16APR_01_EW	0.85 8	262.77
	6	JP_2011_16APR_02_N S	0.57 6	359.49	US_1991_Petrolia_360	1.26 7	443.11	JP_2000_Mie_NS	1.24 7	713.66	JP_2011_16APR_03_N S	0.37 0	200.31	JP_1997_Shizuoca_NS	0.63 3	241.42	JP_2011_16APR_01_NS	0.40 8	288.25
	7	JP_2011_16APR_03_N S	0.71 5	362.63	JP_2011_16APR_02_EW	1.00 2	504.31	JP_2004_25OCT_EW	2.61 3	685.98	JP_2011_16APR_02_N S	0.30 3	202.72	US_2005_Anza_01_90	0.79 8	245.75	JP_2011_16APR_02_EW	0.40 0	254.47
	8	JP_2004_25OCT_NS	0.91 7	392.30	US_2005_Anza_02_90	1.22 1	607.11	JP_2004_25OCT_NS	0.91 7	392.30	JP_2016_Kumamoto_02 NS	1.03 0	213.49	JP_2011_16APR_02_EW	0.40 0	254.47	JP_2012_30AGO_EW	0.37 8	219.45
	9	JP_2016_Kumamoto_02 NS	2.25 5	431.40	US_2005_Anza_01_90	2.29 1	608.69	JP_2011_16APR_01_N S	1.58 1	802.01	JP_2004_25OCT_NS	0.45 3	213.92	US_2005_Anza_01_360	1.27 3	257.66	JP_2016_Kumamoto_02_EW	0.34 8	298.38
	10	US_1991_Petrolia_360	1.26 7	443.11	JP_2004_25OCT_EW	2.61 3	685.98	JP_2011_16APR_02_E W	1.00 2	504.31	JP_2012_30AGO_EW	0.37 8	219.45	JP_2011_16APR_01_EW	0.85 8	262.77	JP_2016_Kumamoto_02_NS	1.03 0	213.49
	11	JP_2012_30AGO_EW	0.84 3	453.08	JP_2000_Mie_NS	1.24 7	713.66	JP_2011_16APR_02_N S	0.57 6	359.49	US_1991_Petrolia_360	0.57 3	232.42	PE_1974_09NOV_02_NS	2.57 6	275.35	PE_1974_09NOV_01_EW	0.90 3	324.28
	12	JP_2011_16APR_02_E W	1.00 2	504.31	US_2005_Anza_02_360	1.67 8	752.29	JP_2011_16APR_03_N S	0.71 5	362.63	JP_1997_Shizuoca_NS	0.63 3	241.42	JP_2004_25OCT_EW	0.78 3	278.19	PE_1974_09NOV_01_NS	1.51 5	309.09
	13	JP_1997_Shizuoca_NS	1.80 5	606.84	JP_2011_16APR_01_EW	3.08 2	779.99	JP_2012_30AGO_EW	0.84 3	453.08	US_2005_Anza_01_90	0.79 8	245.75	PE_1974_09NOV_02_EW	3.39 4	282.04	PE_1974_09NOV_02_EW	3.39 4	282.04
	14	US_2005_Anza_02_90	1.22 1	607.11	JP_2016_Kumamoto_02_EW	1.38 8	786.44	JP_2016_Kumamoto_02 EW	1.38 8	786.44	US_2005_Anza_02_360	0.49 8	247.21	US_1991_SierraMadre_90	0.97 0	289.96	US_1981_Westmorland_180	0.25 8	332.49
	15	US_2005_Anza_01_90	2.29 1	608.69	JP_2011_16APR_01_NS	1.58 1	802.01	JP_2016_Kumamoto_02 NS	2.25 5	431.40	JP_2000_Mie_NS	0.38 5	247.29	JP_2016_Kumamoto_02_EW	0.34 8	298.38	US_1986_North Palm Springs 0	0.39 3	298.44
	16	JP_2004_25OCT_EW	2.61 3	685.98	JP_2004_23OCT_NS	2.88 8	938.59	JP_2019_21FEB_EW	1.98 4	1059.29	JP_2011_16APR_02_E W	0.40 0	254.47	US_1986_North Palm Springs 0	0.39 3	298.44	US_1991_Petrolia_360	0.57 3	232.42
	17	JP_2000_Mie_NS	1.24 7	713.66	US_1986_North Palm Springs 0	1.84 7	956.27	US_1981_Westmorland_ 180	1.53 9	1041.31	US_2005_Anza_01_360	1.27 3	257.66	US_1991_Petrolia_90	0.33 3	298.75	US_1991_Petrolia_90	0.33 3	298.75
	18	US_1991_Petrolia_90	1.23 3	731.20	JP_1996_21DEC_EW	1.50 4	991.37	US_1981_Westmorland_ 90	1.79 7	1040.18	US_2005_Anza_02_90	0.41 5	260.98	US_1986_North Palm Springs 90	0.49 8	300.21	US_1991_SierraMadre_0	0.26 5	326.13
	19	US_2005_Anza_02_360	1.67 8	752.29	US_1986_North Palm Springs 90	2.54 3	1039.24	US_1991_SierraMadre_ 0	1.95 4	1364.20	JP_2011_16APR_01_E W	0.85 8	262.77	PE_1974_09NOV_01_NS	1.51 5	309.09	US_1991_SierraMadre_90	0.97 0	289.96
	20	JP_2011_16APR_01_E W	3.08 2	779.99	US_1981_Westmorland_180	1.53 9	1041.31	US_2005_Anza_02_360	1.67 8	752.29	JP_1996_21DEC_UD	0.96 3	263.83	JP_1996_21DEC_EW	0.29 5	310.83	US_2005_Anza_02_360	0.49 8	247.21

REGISTROS SELECCIONADOS CASO Ymr-II T=0.08s – Tsepu-tr-475																			
Caso:		Tsepu-tr-475_NSp_Sbs			Tsepu-tr-475_NSp_Sci			Tsepu-tr-475_NSp_Ssr			Tsepu-tr-475_NSr_Sbs			Tsepu-tr-475_NSr_Sci			Tsepu-tr-475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	US_2005_Anza_01_360	2.558	109.21	US_1986_North Palm Springs_0	1.110	112.46	JP_1996_21DEC_EW	0.904	281.63	US_1986_North Palm Springs_0	0.970	97.09	US_1986_North Palm Springs_0	0.970	97.09	JP_1996_21DEC_EW	0.910	281.66
	2	US_1986_North Palm Springs_0	1.110	112.46	JP_2004_23OCT_NS	1.736	154.48	JP_1996_21DEC_UD	2.320	303.05	PE_1974_09NOV_01_NS	3.818	98.73	PE_1974_09NOV_01_NS	3.818	98.73	JP_1996_21DEC_UD	1.606	279.30
	3	US_1991_Petrolia_90	0.741	118.87	US_1986_North Palm Springs_90	1.528	158.80	JP_1996_Nagano_EW	0.369	423.62	US_2005_Anza_01_360	2.485	108.51	US_2005_Anza_01_360	2.485	108.51	JP_1997_Shizuoca_EW	0.700	199.53
	4	JP_2004_23OCT_NS	1.736	154.48	US_1991_SierraMadre_90	2.585	164.43	JP_1996_Nagano_NS	0.432	407.26	US_1991_Petrolia_90	0.783	117.88	US_1991_Petrolia_90	0.783	117.88	JP_1997_Shizuoca_NS	1.061	193.62
	5	US_1986_North Palm Springs_90	1.528	158.80	US_1981_Westmorland_180	0.925	174.01	JP_1997_Shizuoca_NS	1.085	193.92	US_1986_North Palm Springs_90	1.121	120.46	US_1986_North Palm Springs_90	1.121	120.46	JP_2000_Mie_EW	1.242	348.77
	6	US_1991_SierraMadre_90	2.585	164.43	US_2005_Anza_01_90	1.377	180.89	JP_2000_Mie_EW	1.138	350.34	US_1991_Petrolia_360	1.091	122.41	US_1991_Petrolia_360	1.091	122.41	JP_2004_ChuetasuAftershock_02_NS	1.061	161.78
	7	US_1981_Westmorland_180	0.925	174.01	JP_2004_25OCT_EW	1.570	182.80	JP_2000_Mie_NS	0.749	377.78	PE_1974_09NOV_01_EW	2.485	125.70	PE_1974_09NOV_01_EW	2.485	125.70	JP_2011_16APR_01_EW	1.333	280.77
	8	US_1981_Westmorland_90	1.080	175.73	JP_2019_21FEB_EW	1.192	184.48	JP_2004_25OCT_EW	1.570	182.80	US_1981_Westmorland_90	0.903	142.48	JP_2019_21FEB_EW	0.933	145.22	JP_2011_16APR_01_NS	0.948	306.64
	9	US_2005_Anza_01_90	1.377	180.89	US_1991_Petrolia_360	0.762	190.40	JP_2004_25OCT_NS	0.551	274.41	JP_2019_21FEB_EW	0.933	145.22	JP_2004_23OCT_EW	0.858	150.33	JP_2012_30AGO_EW	0.558	369.08
	10	JP_2004_25OCT_EW	1.570	182.80	US_2005_Anza_02_90	0.734	204.57	JP_2011_16APR_01_EW	1.852	299.43	JP_2004_23OCT_EW	0.858	150.33	JP_2004_23OCT_NS	1.455	150.46	JP_2016_Kumamoto_02_EW	0.835	204.82
	11	JP_2019_21FEB_EW	1.192	184.48	JP_2016_Kumamoto_02_EW	0.834	204.79	JP_2011_16APR_01_NS	0.950	306.57	JP_2004_23OCT_NS	1.455	150.46	US_1991_SierraMadre_90	2.394	156.88	PE_1974_09NOV_01_EW	2.485	125.70
	12	US_1991_Petrolia_360	0.762	190.40	PE_1974_09NOV_01_EW	3.648	217.00	JP_2011_16APR_02_EW	0.602	233.95	US_1991_SierraMadre_90	2.394	156.88	JP_2004_ChuetasuAftershock_02_EW	0.760	156.95	PE_1974_09NOV_01_NS	3.818	98.73
	13	JP_1997_Shizuoca_NS	1.085	193.92	JP_2016_Kumamoto_02_NS	1.355	223.91	JP_2011_16APR_03_EW	0.445	399.49	JP_2004_ChuetasuAftershock_02_EW	0.760	156.95	JP_2004_ChuetasuAftershock_02_NS	1.061	161.78	PE_1974_09NOV_02_EW	4.000	277.98
	14	JP_1997_Shizuoca_EW	0.763	201.38	US_2005_Anza_02_360	1.009	231.63	JP_2011_16APR_03_NS	0.429	238.26	JP_2004_ChuetasuAftershock_02_NS	1.061	161.78	US_1981_Westmorland_180	0.805	162.90	US_1981_Westmorland_180	0.805	162.90
	15	US_2005_Anza_02_90	0.734	204.57	JP_2004_23OCT_EW	1.210	233.65	JP_2012_30AGO_NS	0.445	392.64	US_1981_Westmorland_180	0.805	162.90	US_2005_Anza_01_90	1.364	180.90	US_1981_Westmorland_90	0.903	142.48
	16	JP_2016_Kumamoto_02_EW	0.834	204.79	JP_2011_16APR_02_EW	0.602	233.95	JP_2016_Kumamoto_02_EW	0.834	204.79	US_2005_Anza_01_90	1.364	180.90	US_1991_SierraMadre_0	0.760	182.08	US_1986_North Palm Springs_0	0.970	97.09
	17	PE_1974_09NOV_01_EW	3.648	217.00	JP_2011_16APR_03_NS	0.429	238.26	PE_1974_09NOV_01_EW	3.648	217.00	US_1991_SierraMadre_0	0.760	182.08	JP_2004_25OCT_EW	1.788	182.35	US_1986_North Palm Springs_90	1.121	120.46
	18	JP_2016_Kumamoto_02_NS	1.355	223.91	JP_2011_16APR_02_NS	0.346	252.42	US_1986_North Palm Springs_0	1.110	112.46	JP_2004_25OCT_EW	1.788	182.35	JP_2019_21FEB_NS	0.865	188.84	US_1991_SierraMadre_0	0.760	182.08
	19	US_2005_Anza_02_360	1.009	231.63	JP_2004_ChuetasuAftershock_02_EW	1.157	260.34	US_1991_SierraMadre_0	1.174	283.70	JP_2019_21FEB_NS	0.865	188.84	JP_1997_Shizuoca_NS	1.061	193.62	US_2005_Anza_01_360	2.485	108.51
	20	JP_2004_23OCT_EW	1.210	233.65	JP_2004_ChuetasuAftershock_02_NS	1.602	268.08	US_2005_Anza_02_360	1.009	231.63	JP_1997_Shizuoca_NS	1.061	193.62	PE_1974_09NOV_02_NS	4.000	195.30	US_2005_Anza_02_360	0.955	231.46
MAP E	1	US_1986_North Palm Springs_0	1.110	19.18	US_1986_North Palm Springs_0	1.110	19.18	JP_1996_21DEC_EW	0.904	56.65	US_1986_North Palm Springs_0	0.993	17.67	US_1986_North Palm Springs_0	0.993	17.67	JP_1996_21DEC_EW	0.948	56.41
	2	US_2005_Anza_01_360	2.558	27.03	US_1986_North Palm Springs_90	1.528	27.72	JP_1996_21DEC_UD	2.320	52.78	PE_1974_09NOV_01_NS	4.000	22.04	PE_1974_09NOV_01_NS	4.000	22.04	JP_1996_21DEC_UD	1.909	51.12
	3	US_1991_Petrolia_90	0.741	27.25	JP_2004_23OCT_NS	1.736	30.35	JP_1996_Nagano_EW	0.369	77.84	PE_1974_09NOV_01_EW	2.788	25.91	PE_1974_09NOV_01_EW	2.788	25.91	JP_1997_Shizuoca_EW	0.760	38.32
	4	US_1986_North Palm Springs_90	1.528	27.72	US_1981_Westmorland_180	0.925	33.44	JP_1996_Nagano_NS	0.432	76.37	JP_2004_23OCT_EW	0.918	26.32	JP_2004_23OCT_EW	0.918	26.32	JP_1997_Shizuoca_NS	1.091	44.29
	5	JP_2004_23OCT_NS	1.736	30.35	US_1991_SierraMadre_90	2.585	36.03	JP_1997_Shizuoca_NS	1.085	44.28	US_1991_Petrolia_90	0.790	26.76	US_1991_Petrolia_90	0.790	26.76	JP_2000_Mie_EW	1.242	70.04
	6	US_1981_Westmorland_180	0.925	33.44	JP_2019_21FEB_EW	1.192	36.11	JP_2000_Mie_EW	1.138	70.45	US_1986_North Palm Springs_90	1.333	26.86	US_1986_North Palm Springs_90	1.333	26.86	JP_2000_Mie_NS	0.745	71.28
	7	US_1991_SierraMadre_90	2.585	36.03	PE_1974_09NOV_01_EW	3.648	37.90	JP_2000_Mie_NS	0.749	71.24	US_2005_Anza_01_360	2.545	27.04	US_2005_Anza_01_360	2.545	27.04	JP_2004_ChuetasuAftershock_02_NS	1.091	34.52
	8	JP_2019_21FEB_EW	1.192	36.11	JP_2004_23OCT_EW	1.210	40.59	JP_2004_25OCT_EW	1.570	42.40	US_1991_Petrolia_360	1.121	28.11	US_1991_Petrolia_360	1.121	28.11	JP_2011_16APR_01_NS	1.000	60.80
	9	PE_1974_09NOV_01_EW	3.648	37.90	US_1991_Petrolia_360	0.762	41.37	JP_2004_25OCT_NS	0.551	58.30	JP_2004_23OCT_NS	1.758	30.37	JP_2004_23OCT_NS	1.758	30.37	JP_2012_30AGO_EW	0.588	71.07

	10	JP_1997_Shizuoca_EW	0.763	38.33	JP_2004_25OCT_EW	1.570	42.40	JP_2011_16APR_01_EW	1.852	57.78	US_1981_Westmorland_180	0.798	30.77	US_1981_Westmorland_180	0.798	30.77	JP_2016_Kumamoto_02_EW	0.835	43.69
	11	JP_2004_23OCT_EW	1.210	40.59	US_2005_Anza_01_90	1.377	42.77	JP_2011_16APR_01_NS	0.950	61.15	US_1981_Westmorland_90	0.828	32.44	JP_2004_ChuetasuAftershock_02_EW	0.813	32.57	PE_1974_09NOV_01_EW	2.788	25.91
	12	US_1981_Westmorland_90	1.080	41.34	JP_2016_Kumamoto_02_EW	0.834	43.69	JP_2011_16APR_02_EW	0.602	53.05	JP_2004_ChuetasuAftershock_02_EW	0.813	32.57	JP_2019_21FEB_EW	0.985	32.72	PE_1974_09NOV_01_NS	4.000	22.04
	13	US_1991_Petrolia_360	0.762	41.37	US_1991_SierraMadre_0	1.174	44.51	JP_2011_16APR_03_EW	0.445	77.00	JP_2019_21FEB_EW	0.985	32.72	JP_2004_ChuetasuAftershock_02_NS	1.091	34.52	PE_1974_09NOV_02_EW	4.000	55.35
	14	JP_2004_25OCT_EW	1.570	42.40	JP_2016_Kumamoto_02_NS	1.355	46.74	JP_2011_16APR_03_NS	0.429	51.26	JP_2004_ChuetasuAftershock_02_NS	1.091	34.52	US_1991_SierraMadre_90	2.455	35.42	US_1981_Westmorland_180	0.798	30.77
	15	US_2005_Anza_01_90	1.377	42.77	JP_2004_ChuetasuAftershock_02_EW	1.157	47.48	JP_2012_30AGO_NS	0.445	75.18	US_1991_SierraMadre_90	2.455	35.42	US_1991_SierraMadre_0	0.828	36.76	US_1981_Westmorland_90	0.828	32.44
	16	JP_2016_Kumamoto_02_EW	0.834	43.69	JP_2019_21FEB_NS	1.210	47.75	JP_2016_Kumamoto_02_EW	0.834	43.69	US_1991_SierraMadre_0	0.828	36.76	JP_2019_21FEB_NS	0.903	37.76	US_1986_North Palm Springs_0	0.993	17.67
	17	JP_1997_Shizuoca_NS	1.085	44.28	US_2005_Anza_02_90	0.734	47.93	PE_1974_09NOV_01_EW	3.648	37.90	JP_2019_21FEB_NS	0.903	37.76	JP_1997_Shizuoca_EW	0.760	38.32	US_1986_North Palm Springs_90	1.333	26.86
	18	US_1991_SierraMadre_0	1.174	44.51	US_2005_Anza_02_360	1.009	49.46	US_1986_North Palm Springs_0	1.110	19.18	JP_1997_Shizuoca_EW	0.760	38.32	PE_1974_09NOV_02_NS	4.000	39.54	US_1991_SierraMadre_0	0.828	36.76
	19	JP_2016_Kumamoto_02_NS	1.355	46.74	JP_2004_ChuetasuAftershock_02_NS	1.602	49.82	US_1991_SierraMadre_0	1.174	44.51	PE_1974_09NOV_02_NS	4.000	39.54	JP_2004_25OCT_EW	1.848	40.41	US_1991_SierraMadre_90	2.455	35.42
	20	JP_2004_ChuetasuAftershock_02_EW	1.157	47.48	JP_2011_16APR_03_NS	0.429	51.26	US_2005_Anza_02_360	1.009	49.46	JP_2004_25OCT_EW	1.848	40.41	JP_2016_Kumamoto_02_NS	1.818	42.20	US_2005_Anza_02_360	1.000	49.50
MSE	1	US_2005_Anza_01_360	2.558	16251.67	US_1986_North Palm Springs_0	1.110	35529.16	JP_1996_21DEC_EW	0.904	158641.84	PE_1974_09NOV_01_NS	3.758	13844.18	PE_1974_09NOV_01_NS	3.758	13844.18	JP_1996_21DEC_EW	0.618	108986.95
	2	US_1991_Petrolia_90	0.741	19596.12	JP_2004_25OCT_EW	1.570	42416.87	JP_1996_21DEC_UD	2.320	147726.30	US_2005_Anza_01_360	2.515	16211.20	US_2005_Anza_01_360	2.515	16211.20	JP_1996_21DEC_UD	1.636	108744.28
	3	US_1986_North Palm Springs_0	1.110	35529.16	JP_2004_23OCT_NS	1.736	42755.51	JP_1996_Nagano_EW	0.369	234348.61	US_1986_North Palm Springs_90	1.152	18280.52	US_1986_North Palm Springs_90	1.152	18280.52	JP_1997_Shizuoca_NS	1.121	51758.89
	4	JP_2004_25OCT_EW	1.570	42416.87	US_1991_Petrolia_360	0.762	44981.78	JP_1996_Nagano_NS	0.432	215319.07	US_1991_Petrolia_90	0.768	19266.15	US_1986_North Palm Springs_0	0.910	19392.66	JP_2000_Mie_NS	0.505	188288.97
	5	JP_2004_23OCT_NS	1.736	42755.51	US_2005_Anza_01_90	1.377	46432.56	JP_1997_Shizuoca_NS	1.085	52191.68	US_1986_North Palm Springs_0	0.910	19392.66	PE_1974_09NOV_01_EW	2.455	20811.12	JP_2004_25OCT_EW	1.606	42376.33
	6	US_1991_Petrolia_360	0.762	44981.78	US_1986_North Palm Springs_90	1.528	49448.39	JP_2000_Mie_EW	1.138	166932.42	PE_1974_09NOV_01_EW	2.455	20811.12	US_1991_Petrolia_360	1.030	21943.94	JP_2004_ChuetasuAftershock_02_NS	0.993	41435.80
	7	US_2005_Anza_01_90	1.377	46432.56	US_1991_SierraMadre_90	2.585	51780.89	JP_2000_Mie_NS	0.749	224822.42	US_1991_Petrolia_360	1.030	21943.94	JP_2019_21FEB_EW	0.895	29003.46	JP_2011_16APR_01_EW	1.485	103924.20
	8	US_1986_North Palm Springs_90	1.528	49448.39	US_2005_Anza_02_90	0.734	61392.29	JP_2004_25OCT_EW	1.570	42416.87	JP_2019_21FEB_EW	0.895	29003.46	JP_2004_23OCT_NS	1.455	32417.09	JP_2011_16APR_01_NS	0.693	147195.02
	9	US_1991_SierraMadre_90	2.585	51780.89	JP_2016_Kumamoto_02_EW	0.834	62146.82	JP_2004_25OCT_NS	0.551	95833.95	US_1981_Westmorland_90	0.835	29727.71	JP_2004_ChuetasuAftershock_02_EW	0.723	34778.75	JP_2011_16APR_03_EW	0.910	147782.77
	10	JP_1997_Shizuoca_NS	1.085	52191.68	JP_2019_21FEB_EW	1.192	63851.97	JP_2011_16APR_01_EW	1.852	119671.51	JP_2004_23OCT_NS	1.455	32417.09	US_1991_SierraMadre_90	2.091	35140.98	JP_2012_30AGO_EW	0.468	184545.47
	11	US_1981_Westmorland_90	1.080	55904.04	JP_2016_Kumamoto_02_NS	1.355	69646.10	JP_2011_16APR_01_NS	0.950	174474.43	JP_2004_ChuetasuAftershock_02_EW	0.723	34778.75	JP_2004_23OCT_EW	0.768	38657.79	JP_2016_Kumamoto_02_EW	0.753	59163.46
	12	US_2005_Anza_02_90	0.734	61392.29	JP_2011_16APR_02_EW	0.602	70164.61	JP_2011_16APR_02_EW	0.602	70164.61	US_1991_SierraMadre_90	2.091	35140.98	JP_2004_ChuetasuAftershock_02_NS	0.993	41435.80	PE_1974_09NOV_01_EW	2.455	20811.12
	13	JP_2016_Kumamoto_02_EW	0.834	62146.82	US_1981_Westmorland_180	0.925	73105.95	JP_2011_16APR_03_EW	0.445	197989.08	JP_2004_23OCT_EW	0.768	38657.79	US_1991_SierraMadre_0	0.700	41470.59	PE_1974_09NOV_01_NS	3.758	13844.18
	14	JP_2019_21FEB_EW	1.192	63851.97	JP_2011_16APR_03_NS	0.429	75390.23	JP_2011_16APR_03_NS	0.429	75390.23	JP_2004_ChuetasuAftershock_02_NS	0.993	41435.80	JP_2004_25OCT_EW	1.606	42376.33	PE_1974_09NOV_02_EW	4.000	88027.93
	15	JP_2016_Kumamoto_02_NS	1.355	69646.10	US_2005_Anza_02_360	1.009	76311.56	JP_2012_30AGO_NS	0.445	196894.01	US_1991_SierraMadre_0	0.700	41470.59	US_1981_Westmorland_180	0.708	44931.20	US_1981_Westmorland_180	0.708	44931.20
	16	JP_2011_16APR_02_EW	0.602	70164.61	JP_2011_16APR_02_NS	0.346	78541.53	JP_2016_Kumamoto_02_EW	0.834	62146.82	JP_2004_25OCT_EW	1.606	42376.33	PE_1974_09NOV_02_NS	4.000	48423.02	US_1986_North Palm Springs_0	0.910	19392.66
	17	US_1981_Westmorland_180	0.925	73105.95	PE_1974_09NOV_01_EW	3.648	98187.10	PE_1974_09NOV_01_EW	3.648	98187.10	US_1981_Westmorland_180	0.708	44931.20	JP_2019_21FEB_NS	0.685	49106.47	US_1991_Petrolia_90	0.768	19266.15
	18	JP_2011_16APR_03_NS	0.429	75390.23	JP_2011_16APR_01_EW	1.852	119671.51	US_1986_North Palm Springs_0	1.110	35529.16	US_2005_Anza_01_90	1.455	45598.65	JP_1997_Shizuoca_NS	1.121	51758.89	US_1991_SierraMadre_0	0.700	41470.59
	19	US_2005_Anza_02_360	1.009	76311.56	JP_2004_23OCT_EW	1.210	136813.74	US_1991_SierraMadre_0	1.174	181316.94	PE_1974_09NOV_02_NS	4.000	48423.02	JP_2011_16APR_02_NS	0.490	53042.63	US_1991_SierraMadre_90	2.091	35140.98
	20	JP_2011_16APR_02_NS	0.346	78541.53	JP_2004_ChuetasuAftershock_02_EW	1.157	147668.95	US_2005_Anza_02_360	1.009	76311.56	JP_2019_21FEB_NS	0.685	49106.47	JP_2016_Kumamoto_02_NS	1.727	56773.48	US_2005_Anza_02_360	0.865	69112.29
RMS E	1	US_2005_Anza_01_360	2.558	127.48	US_1986_North Palm Springs_0	1.110	188.49	JP_1996_21DEC_EW	0.904	398.30	PE_1974_09NOV_01_NS	3.758	117.66	PE_1974_09NOV_01_NS	3.758	117.66	JP_1996_21DEC_EW	0.618	330.13
	2	US_1991_Petrolia_90	0.741	139.99	JP_2004_25OCT_EW	1.570	205.95	JP_1996_21DEC_UD	2.320	384.35	US_2005_Anza_01_360	2.515	127.32	US_2005_Anza_01_360	2.515	127.32	JP_1996_21DEC_UD	1.636	329.76
	3	US_1986_North Palm Springs_0	1.110	188.49	JP_2004_23OCT_NS	1.736	206.77	JP_1996_Nagano_EW	0.369	484.10	US_1986_North Palm Springs_90	1.152	135.21	US_1986_North Palm Springs_90	1.152	135.21	JP_1997_Shizuoca_NS	1.121	227.51
	4	JP_2004_25OCT_EW	1.570	205.95	US_1991_Petrolia_360	0.762	212.09	JP_1996_Nagano_NS	0.432	464.02	US_1991_Petrolia_90	0.768	138.80	US_1986_North Palm Springs_0	0.910	139.26	JP_2000_Mie_NS	0.505	433.92
	5	JP_2004_23OCT_NS	1.736	206.77	US_2005_Anza_01_90	1.377	215.48	JP_1997_Shizuoca_NS	1.085	228.45	US_1986_North Palm Springs_0	0.910	139.26	PE_1974_09NOV_01_EW	2.455	144.26	JP_2004_25OCT_EW	1.606	205.86
	6	US_1991_Petrolia_360	0.762	212.09	US_1986_North Palm Springs_90	1.528	222.37	JP_2000_Mie_EW	1.138	408.57	PE_1974_09NOV_01_EW	2.455	144.26	US_1991_Petrolia_360	1.030	148.13	JP_2004_ChuetasuAftershock_02_NS	0.993	203.56
	7	US_2005_Anza_01_90	1.377	215.48	US_1991_SierraMadre_90	2.585	227.55	JP_2000_Mie_NS	0.749	474.15	US_1991_Petrolia_360	1.030	148.13	JP_2019_21FEB_EW	0.895	170.30	JP_2011_16APR_01_EW	1.485	322.37
	8	US_1986_North Palm Springs_90	1.528	222.37	US_2005_Anza_02_90	0.734	247.77	JP_2004_25OCT_EW	1.570	205.95	JP_2019_21FEB_EW	0.895	170.30	JP_2004_23OCT_NS	1.455	180.05	JP_2011_16APR_01_NS	0.693	383.66

	9	US_1991_SierraMadre_90	2.58 5	227.55	JP_2016_Kumamoto_02_EW	0.83 4	249.29	JP_2004_25OCT_NS	0.55 1	309.57	US_1981_Westmorland_90	0.83 5	172.42	JP_2004_Chuet <u>s</u> uAftershock_02_EW	0.72 3	186.49	JP_2011_16APR_03_EW	0.91 0	384.43
	10	JP_1997_Shizuoca_NS	1.08 5	228.45	JP_2019_21FEB_EW	1.19 2	252.69	JP_2011_16APR_01_EW	1.85 2	345.94	JP_2004_23OCT_NS	1.45 5	180.05	US_1991_SierraMadre_90	2.09 1	187.46	JP_2012_30AGO_EW	0.46 8	429.59
	11	US_1981_Westmorland_90	1.08 0	236.44	JP_2016_Kumamoto_02_NS	1.35 5	263.91	JP_2011_16APR_01_NS	0.95 0	417.70	JP_2004_Chuet <u>s</u> uAftershock_02_EW	0.72 3	186.49	JP_2004_23OCT_EW	0.76 8	196.62	JP_2016_Kumamoto_02_EW	0.75 3	243.24
	12	US_2005_Anza_02_90	0.73 4	247.77	JP_2011_16APR_02_EW	0.60 2	264.89	JP_2011_16APR_02_EW	0.60 2	264.89	US_1991_SierraMadre_90	2.09 1	187.46	JP_2004_Chuet <u>s</u> uAftershock_02_NS	0.99 3	203.56	PE_1974_09NOV_01_EW	2.45 5	144.26
	13	JP_2016_Kumamoto_02_EW	0.83 4	249.29	US_1981_Westmorland_180	0.92 5	270.38	JP_2011_16APR_03_EW	0.44 5	444.96	JP_2004_23OCT_EW	0.76 8	196.62	US_1991_SierraMadre_0	0.70 0	203.64	PE_1974_09NOV_01_NS	3.75 8	117.66
	14	JP_2019_21FEB_EW	1.19 2	252.69	JP_2011_16APR_03_NS	0.42 9	274.57	JP_2011_16APR_03_NS	0.42 9	274.57	JP_2004_Chuet <u>s</u> uAftershock_02_NS	0.99 3	203.56	JP_2004_25OCT_EW	1.60 6	205.86	PE_1974_09NOV_02_EW	4.00 0	296.70
	15	JP_2016_Kumamoto_02_NS	1.35 5	263.91	US_2005_Anza_02_360	1.00 9	276.25	JP_2012_30AGO_NS	0.44 5	443.73	US_1991_SierraMadre_0	0.70 0	203.64	US_1981_Westmorland_180	0.70 8	211.97	US_1981_Westmorland_180	0.70 8	211.97
	16	JP_2011_16APR_02_EW	0.60 2	264.89	JP_2011_16APR_02_NS	0.34 6	280.25	JP_2016_Kumamoto_02_EW	0.83 4	249.29	JP_2004_25OCT_EW	1.60 6	205.86	PE_1974_09NOV_02_NS	4.00 0	220.05	US_1986_North Palm Springs_0	0.91 0	139.26
	17	US_1981_Westmorland_180	0.92 5	270.38	PE_1974_09NOV_01_EW	3.64 8	313.35	PE_1974_09NOV_01_EW	3.64 8	313.35	US_1981_Westmorland_180	0.70 8	211.97	JP_2019_21FEB_NS	0.68 5	221.60	US_1991_Petrolia_90	0.76 8	138.80
	18	JP_2011_16APR_03_NS	0.42 9	274.57	JP_2011_16APR_01_EW	1.85 2	345.94	US_1986_North Palm Springs_0	1.11 0	188.49	US_2005_Anza_01_90	1.45 5	213.54	JP_1997_Shizuoca_NS	1.12 1	227.51	US_1991_SierraMadre_0	0.70 0	203.64
	19	US_2005_Anza_02_360	1.00 9	276.25	JP_2004_23OCT_EW	1.21 0	369.88	US_1991_SierraMadre_0	1.17 4	425.81	PE_1974_09NOV_02_NS	4.00 0	220.05	JP_2011_16APR_02_NS	0.49 0	230.31	US_1991_SierraMadre_90	2.09 1	187.46
	20	JP_2011_16APR_02_NS	0.34 6	280.25	JP_2004_Chuet <u>s</u> uAftershock_02_EW	1.15 7	384.28	US_2005_Anza_02_360	1.00 9	276.25	JP_2019_21FEB_NS	0.68 5	221.60	JP_2016_Kumamoto_02_NS	1.72 7	238.27	US_2005_Anza_02_360	0.86 5	262.89

REGISTROS SELECCIONADOS CASO Ymr-II T=0.08s - TSepu-tr-975																			
Caso:		TSepu-tr-975_NSp_Sbs			TSepu-tr-975_NSp_Sci			TSepu-tr-975_NSp_Ssr			TSepu-tr-975_NSr_Sbs			TSepu-tr-975_NSr_Sci			TSepu-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	US_2005_Anza_01_360	3.28 1	132.84	US_1986_North Palm Springs_0	1.42 4	149.96	JP_1996_21DEC_EW	1.16 0	359.13	US_1986_North Palm Springs_0	1.21 2	121.81	US_1986_North Palm Springs_0	1.21 2	121.81	JP_1996_21DEC_EW	1.15 2	359.07
	2	US_1991_Petrolia_90	0.95 1	148.85	JP_2004_23OCT_NS	2.22 7	185.66	JP_1996_Nagano_NS	0.55 5	514.36	US_2005_Anza_01_360	3.27 3	132.88	US_2005_Anza_01_360	3.27 3	132.88	JP_1996_21DEC_UD	2.03 0	357.13
	3	US_1986_North Palm Springs_0	1.42 4	149.96	US_1986_North Palm Springs_90	1.96 1	202.50	JP_1997_Shizuoca_EW	0.97 9	248.75	US_1986_North Palm Springs_90	1.45 5	143.46	US_1986_North Palm Springs_90	1.45 5	143.46	JP_1996_Nagano_NS	1.48 5	473.85
	4	JP_2004_23OCT_NS	2.22 7	185.66	US_1991_SierraMadre_90	3.31 6	205.24	JP_1997_Shizuoca_NS	1.39 2	237.75	US_1991_Petrolia_90	1.00 0	147.26	US_1991_Petrolia_90	1.00 0	147.26	JP_2000_Mie_NS	0.90 3	477.17
	5	US_1986_North Palm Springs_90	1.96 1	202.50	US_1981_Westmorland_180	1.18 6	232.73	JP_2000_Mie_NS	0.96 1	480.14	PE_1974_09NOV_01_EW	3.15 2	158.43	PE_1974_09NOV_01_EW	3.15 2	158.43	JP_2004_Chuet <u>s</u> uAftershock_02_NS	1.30 3	199.18
	6	US_1991_SierraMadre_90	3.31 6	205.24	JP_2004_25OCT_EW	2.01 5	233.44	JP_2011_16APR_01_EW	2.37 7	383.83	US_1991_Petrolia_360	1.36 4	158.52	US_1991_Petrolia_360	1.36 4	158.52	JP_2011_16APR_01_EW	1.69 7	359.17
	7	US_1981_Westmorland_90	1.38 6	232.59	JP_2019_21FEB_EW	1.53 0	233.55	JP_2011_16APR_01_NS	1.21 9	391.44	PE_1974_09NOV_01_NS	4.00 0	163.65	PE_1974_09NOV_01_NS	4.00 0	163.65	JP_2011_16APR_02_EW	0.93 3	267.89
	8	US_1981_Westmorland_180	1.18 6	232.73	US_2005_Anza_01_90	1.76 6	235.35	JP_2011_16APR_02_EW	0.77 3	295.22	JP_2019_21FEB_EW	1.18 2	173.94	JP_2019_21FEB_EW	1.18 2	173.94	JP_2011_16APR_02_NS	0.61 8	252.02
	9	JP_2004_25OCT_EW	2.01 5	233.44	US_1991_Petrolia_360	0.97 7	236.11	JP_2011_16APR_02_NS	0.44 4	314.25	JP_2004_23OCT_NS	1.87 9	180.66	JP_2004_23OCT_NS	1.87 9	180.66	JP_2011_16APR_03_EW	1.36 4	425.72
	10	JP_2019_21FEB_EW	1.53 0	233.55	JP_2016_Kumamoto_02_EW	1.07 0	251.23	JP_2011_16APR_03_EW	0.57 1	504.39	JP_2004_23OCT_EW	1.09 1	182.10	JP_2004_23OCT_EW	1.09 1	182.10	JP_2012_30AGO_NS	1.03 0	447.80
	11	US_2005_Anza_01_90	1.76 6	235.35	US_2005_Anza_02_90	0.94 1	264.92	JP_2011_16APR_03_NS	0.55 1	296.84	US_1981_Westmorland_90	1.15 2	183.99	JP_2004_Chuet <u>s</u> uAftershock_02_EW	0.98 5	190.73	JP_2019_21FEB_NS	1.09 1	228.59
	12	US_1991_Petrolia_360	0.97 7	236.11	JP_2016_Kumamoto_02_NS	1.73 9	282.80	JP_2012_30AGO_EW	0.65 0	469.64	JP_2004_Chuet <u>s</u> uAftershock_02_EW	0.98 5	190.73	US_1991_SierraMadre_90	2.93 9	194.85	PE_1974_09NOV_01_EW	3.15 2	158.43
	13	JP_1997_Shizuoca_NS	1.39 2	237.75	JP_2011_16APR_02_EW	0.77 3	295.22	JP_2012_30AGO_NS	0.57 1	495.29	US_1991_SierraMadre_90	2.93 9	194.85	JP_2004_Chuet <u>s</u> uAftershock_02_NS	1.30 3	199.18	PE_1974_09NOV_01_NS	4.00 0	163.65
	14	JP_1997_Shizuoca_EW	0.97 9	248.75	JP_2011_16APR_03_NS	0.55 1	296.84	JP_2016_Kumamoto_02_EW	1.07 0	251.23	JP_2004_Chuet <u>s</u> uAftershock_02_NS	1.30 3	199.18	US_1981_Westmorland_180	1.00 0	210.98	PE_1974_09NOV_02_EW	4.00 0	422.65
	15	JP_2016_Kumamoto_02_EW	1.07 0	251.23	US_2005_Anza_02_360	1.29 4	297.47	JP_2016_Kumamoto_02_NS	1.73 9	282.80	US_1981_Westmorland_180	1.00 0	210.98	US_1991_SierraMadre_0	0.96 3	219.96	US_1981_Westmorland_180	1.00 0	210.98
	16	US_2005_Anza_02_90	0.94 1	264.92	JP_2004_23OCT_EW	1.55 3	302.92	JP_2019_21FEB_EW	1.53 0	233.55	US_1991_SierraMadre_0	0.96 3	219.96	JP_2019_21FEB_NS	1.09 1	228.59	US_1981_Westmorland_90	1.15 2	183.99
	17	JP_2016_Kumamoto_02_NS	1.73 9	282.80	JP_2011_16APR_02_NS	0.44 4	314.25	US_1981_Westmorland_180	1.18 6	232.73	JP_2019_21FEB_NS	1.09 1	228.59	JP_2004_25OCT_EW	2.27 3	231.51	US_1986_North Palm Springs_0	1.21 2	121.81
	18	JP_2011_16APR_02_EW	0.77 3	295.22	JP_2004_Chuet <u>s</u> uAftershock_02_EW	1.48 4	342.70	US_1981_Westmorland_90	1.38 6	232.59	JP_2004_25OCT_EW	2.27 3	231.51	US_2005_Anza_01_90	1.75 8	235.36	US_1991_Petrolia_90	1.00 0	147.26
	19	JP_2011_16APR_03_NS	0.55 1	296.84	JP_2004_Chuet <u>s</u> uAftershock_02_NS	2.05 5	343.79	US_1991_SierraMadre_0	1.50 7	360.54	US_2005_Anza_01_90	1.75 8	235.36	JP_1997_Shizuoca_NS	1.39 4	237.87	US_1991_SierraMadre_0	0.96 3	219.96
	20	US_2005_Anza_02_360	1.29 4	297.47	JP_2019_21FEB_NS	1.55 3	357.88	US_2005_Anza_02_360	1.29 4	297.47	JP_1997_Shizuoca_NS	1.39 4	237.87	JP_1997_Shizuoca_EW	0.89 5	246.36	US_2005_Anza_01_360	3.27 3	132.88
MAP E	1	US_1986_North Palm Springs_0	1.42 4	20.39	US_1986_North Palm Springs_0	1.42 4	20.39	JP_1996_21DEC_EW	1.16 0	56.89	US_1986_North Palm Springs_0	1.24 2	17.77	US_1986_North Palm Springs_0	1.24 2	17.77	JP_1996_21DEC_EW	1.18 2	56.82

	2	US_2005_Anza_01_360	3.28 1	26.55	US_1986_North Palm Springs_90	1.96 1	27.58	JP_1996_Nagano_NS	0.55 5	76.09	US_1986_North Palm Springs_90	1.69 7	25.28	US_1986_North Palm Springs_90	1.69 7	25.28	JP_1996_21DEC_UD	2.30 3	51.35
	3	US_1991_Petrolia_90	0.95 1	26.75	JP_2004_23OCT_NS	2.22 7	28.77	JP_1997_Shizuoca_EW	0.97 9	37.36	JP_2004_23OCT_EW	1.12 1	25.28	JP_2004_23OCT_EW	1.12 1	25.28	JP_1996_Nagano_NS	1.48 5	66.11
	4	US_1986_North Palm Springs_90	1.96 1	27.58	US_1991_SierraMadre_90	3.31 6	35.48	JP_1997_Shizuoca_NS	1.39 2	43.35	PE_1974_09NOV_01_EW	3.48 5	26.01	PE_1974_09NOV_01_EW	3.48 5	26.01	JP_2000_Mie_NS	0.90 3	71.21
	5	JP_2004_23OCT_NS	2.22 7	28.77	JP_2019_21FEB_EW	1.53 0	35.75	JP_2000_Mie_NS	0.96 1	71.42	US_1991_Petrolia_90	1.00 0	26.26	US_1991_Petrolia_90	1.00 0	26.26	JP_2004_25OCT_NS	1.09 1	53.04
	6	US_1991_SierraMadre_90	3.31 6	35.48	US_1981_Westmorland_180	1.18 6	35.92	JP_2011_16APR_01_E W	2.37 7	58.16	US_2005_Anza_01_360	3.30 3	26.55	US_2005_Anza_01_360	3.30 3	26.55	JP_2004_Chuet suAftershock_02_NS	1.36 4	33.79
	7	JP_2019_21FEB_EW	1.53 0	35.75	US_1991_Petrolia_360	0.97 7	40.59	JP_2011_16APR_01_N S	1.21 9	61.33	US_1991_Petrolia_360	1.45 5	28.53	US_1991_Petrolia_360	1.45 5	28.53	JP_2011_16APR_01_NS	1.21 2	61.34
	8	US_1981_Westmorland_180	1.18 6	35.92	JP_2004_23OCT_EW	1.55 3	41.47	JP_2011_16APR_02_E W	0.77 3	52.85	JP_2004_23OCT_NS	2.24 2	28.77	JP_2004_23OCT_NS	2.24 2	28.77	JP_2011_16APR_02_EW	0.97 8	48.61
	9	JP_1997_Shizuoca_EW	0.97 9	37.36	JP_2004_25OCT_EW	2.01 5	42.40	JP_2011_16APR_02_N S	0.44 4	54.38	PE_1974_09NOV_01_NS	4.00 0	29.43	PE_1974_09NOV_01_NS	4.00 0	29.43	JP_2011_16APR_02_NS	0.64 0	45.98
	10	US_1991_Petrolia_360	0.97 7	40.59	JP_2016_Kumamoto_02_EW	1.07 0	42.89	JP_2011_16APR_03_E W	0.57 1	76.69	JP_2004_Chuet suAftershock_02_EW	1.00 0	31.34	JP_2004_Chuet suAftershock_02_EW	1.00 0	31.34	JP_2011_16APR_03_EW	1.36 4	66.89
	11	JP_2004_23OCT_EW	1.55 3	41.47	US_2005_Anza_01_90	1.76 6	43.55	JP_2011_16APR_03_N S	0.55 1	50.54	US_1981_Westmorland_180	0.98 5	31.40	US_1981_Westmorland_180	0.98 5	31.40	JP_2012_30AGO_EW	0.73 8	70.73
	12	JP_2004_25OCT_EW	2.01 5	42.40	US_1991_SierraMadre_0	1.50 7	43.95	JP_2012_30AGO_EW	0.65 0	71.69	JP_2019_21FEB_EW	1.21 2	31.88	JP_2019_21FEB_EW	1.21 2	31.88	JP_2012_30AGO_NS	1.03 0	67.56
	13	JP_2016_Kumamoto_02_E W	1.07 0	42.89	JP_2016_Kumamoto_02_NS	1.73 9	46.34	JP_2012_30AGO_NS	0.57 1	74.84	JP_2004_Chuet suAftershock_02_NS	1.36 4	33.79	JP_2004_Chuet suAftershock_02_NS	1.36 4	33.79	PE_1974_09NOV_01_EW	3.48 5	26.01
	14	JP_1997_Shizuoca_NS	1.39 2	43.35	JP_2019_21FEB_NS	1.55 3	47.68	JP_2016_Kumamoto_02_EW	1.07 0	42.89	US_1981_Westmorland_90	1.09 1	34.02	US_1991_SierraMadre_90	3.15 2	34.97	PE_1974_09NOV_01_NS	4.00 0	29.43
	15	US_2005_Anza_01_90	1.76 6	43.55	US_2005_Anza_02_90	0.94 1	48.72	JP_2016_Kumamoto_02_NS	1.73 9	46.34	US_1991_SierraMadre_90	3.15 2	34.97	US_1991_SierraMadre_0	1.06 1	35.37	PE_1974_09NOV_02_EW	4.00 0	64.78
	16	US_1991_SierraMadre_0	1.50 7	43.95	JP_2004_Chuet suAftershock_02_EW	1.48 4	49.12	JP_2019_21FEB_EW	1.53 0	35.75	US_1991_SierraMadre_0	1.06 1	35.37	JP_2019_21FEB_NS	1.09 1	36.49	US_1981_Westmorland_180	0.98 5	31.40
	17	US_1981_Westmorland_90	1.38 6	44.16	US_2005_Anza_02_360	1.29 4	49.99	US_1981_Westmorland_180	1.18 6	35.92	JP_2019_21FEB_NS	1.09 1	36.49	JP_1997_Shizuoca_EW	0.97 8	37.36	US_1981_Westmorland_90	1.09 1	34.02
	18	JP_2016_Kumamoto_02_N S	1.73 9	46.34	JP_2004_Chuet suAftershock_02_NS	2.05 5	50.14	US_1981_Westmorland_90	1.38 6	44.16	JP_1997_Shizuoca_EW	0.97 8	37.36	JP_2004_25OCT_EW	2.39 4	40.26	US_1991_Petrolia_90	1.00 0	26.26
	19	JP_2019_21FEB_NS	1.55 3	47.68	JP_2011_16APR_03_NS	0.55 1	50.54	US_1991_SierraMadre_0	1.50 7	43.95	JP_2004_25OCT_EW	2.39 4	40.26	JP_2016_Kumamoto_02_NS	2.18 2	42.56	US_1991_SierraMadre_0	1.06 1	35.37
	20	US_2005_Anza_02_90	0.94 1	48.72	JP_2011_16APR_02_EW	0.77 3	52.85	US_2005_Anza_02_360	1.29 4	49.99	JP_2016_Kumamoto_02_NS	2.18 2	42.56	JP_2016_Kumamoto_02_EW	1.06 1	42.95	US_2005_Anza_02_90	1.00 0	48.34
MSE	1	US_2005_Anza_01_360	3.28 1	24154.37	US_1986_North Palm Springs_0	1.42 4	60133.88	JP_1996_21DEC_EW	1.16 0	265283.02	US_2005_Anza_01_360	3.21 2	23962.11	US_2005_Anza_01_360	3.21 2	23962.11	JP_1996_21DEC_EW	0.78 3	178952.13
	2	US_1991_Petrolia_90	0.95 1	30830.51	JP_2004_23OCT_NS	2.22 7	65183.34	JP_1996_Nagano_NS	0.55 5	346321.99	US_1986_North Palm Springs_90	1.48 5	26533.41	US_1986_North Palm Springs_90	1.48 5	26533.41	JP_1996_21DEC_UD	2.09 1	179536.43
	3	US_1986_North Palm Springs_0	1.42 4	60133.88	JP_2004_25OCT_EW	2.01 5	69006.79	JP_1997_Shizuoca_EW	0.97 9	157656.25	US_1991_Petrolia_90	0.97 8	30542.14	US_1991_Petrolia_90	0.97 8	30542.14	JP_1997_Shizuoca_EW	0.73 0	107829.82
	4	JP_2004_23OCT_NS	2.22 7	65183.34	US_1991_Petrolia_360	0.97 7	70285.50	JP_1997_Shizuoca_NS	1.39 2	78874.22	US_1986_North Palm Springs_0	1.15 2	31356.49	US_1986_North Palm Springs_0	1.15 2	31356.49	JP_2000_Mie_NS	0.64 0	305582.53
	5	JP_2004_25OCT_EW	2.01 5	69006.79	US_2005_Anza_01_90	1.76 6	75454.67	JP_2000_Mie_NS	0.96 1	368618.72	PE_1974_09NOV_01_EW	3.12 1	33494.26	PE_1974_09NOV_01_EW	3.12 1	33494.26	JP_2004_Chuet suAftershock_02_NS	1.27 3	62496.14
	6	US_1991_Petrolia_360	0.97 7	70285.50	US_1986_North Palm Springs_90	1.96 1	80018.49	JP_2011_16APR_01_E W	2.37 7	200340.18	US_1991_Petrolia_360	1.33 3	34629.59	US_1991_Petrolia_360	1.33 3	34629.59	JP_2011_16APR_01_EW	1.84 8	171561.10
	7	US_2005_Anza_01_90	1.76 6	75454.67	US_1991_SierraMadre_90	3.31 6	81067.77	JP_2011_16APR_01_N S	1.21 9	292345.81	PE_1974_09NOV_01_NS	4.00 0	35708.30	PE_1974_09NOV_01_NS	4.00 0	35708.30	JP_2011_16APR_01_NS	0.87 3	243159.62
	8	JP_1997_Shizuoca_NS	1.39 2	78874.22	JP_2016_Kumamoto_02_EW	1.07 0	93725.59	JP_2011_16APR_02_E W	0.77 3	112675.80	JP_2019_21FEB_EW	1.15 2	42612.24	JP_2019_21FEB_EW	1.15 2	42612.24	JP_2011_16APR_02_NS	0.62 5	84020.85
	9	US_1986_North Palm Springs_90	1.96 1	80018.49	US_2005_Anza_02_90	0.94 1	99751.49	JP_2011_16APR_02_N S	0.44 4	123970.92	JP_2004_23OCT_NS	1.87 9	47355.01	JP_2004_23OCT_NS	1.87 9	47355.01	JP_2012_30AGO_EW	0.58 8	300286.87
	10	US_1991_SierraMadre_90	3.31 6	81067.77	JP_2019_21FEB_EW	1.53 0	101617.77	JP_2011_16APR_03_E W	0.57 1	319130.37	US_1981_Westmorland_90	1.06 1	51398.18	US_1991_SierraMadre_90	2.66 7	52533.01	JP_2012_30AGO_NS	1.03 0	259013.29
	11	JP_2016_Kumamoto_02_E W	1.07 0	93725.59	JP_2016_Kumamoto_02_NS	1.73 9	112218.02	JP_2011_16APR_03_N S	0.55 1	119325.79	US_1991_SierraMadre_90	2.66 7	52533.01	JP_2004_Chuet suAftershock_02_EW	0.91 8	52944.68	JP_2016_Kumamoto_02_EW	0.97 0	88655.55
	12	US_1981_Westmorland_90	1.38 6	98259.94	JP_2011_16APR_02_EW	0.77 3	112675.80	JP_2012_30AGO_EW	0.65 0	302938.78	JP_2004_Chuet suAftershock_02_EW	0.91 8	52944.68	JP_2004_23OCT_EW	0.98 5	59330.90	PE_1974_09NOV_01_EW	3.12 1	33494.26
	13	US_2005_Anza_02_90	0.94 1	99751.49	JP_2011_16APR_03_NS	0.55 1	119325.79	JP_2012_30AGO_NS	0.57 1	317098.10	JP_2004_23OCT_EW	0.98 5	59330.90	US_1991_SierraMadre_0	0.89 5	61651.10	PE_1974_09NOV_01_NS	4.00 0	35708.30
	14	JP_2019_21FEB_EW	1.53 0	101617.77	JP_2011_16APR_02_NS	0.44 4	123970.92	JP_2016_Kumamoto_02_EW	1.07 0	93725.59	US_1991_SierraMadre_0	0.89 5	61651.10	JP_2004_Chuet suAftershock_02_NS	1.27 3	62496.14	PE_1974_09NOV_02_EW	4.00 0	201551.47
	15	JP_2016_Kumamoto_02_N S	1.73 9	112218.02	US_1981_Westmorland_180	1.18 6	125715.39	JP_2016_Kumamoto_02_NS	1.73 9	112218.02	JP_2004_Chuet suAftershock_02_NS	1.27 3	62496.14	JP_2004_25OCT_EW	2.03 0	69001.01	US_1981_Westmorland_180	0.89 5	75594.94
	16	JP_2011_16APR_02_EW	0.77 3	112675.80	US_2005_Anza_02_360	1.29 4	126522.71	JP_2019_21FEB_EW	1.53 0	101617.77	JP_2004_25OCT_EW	2.03 0	69001.01	JP_2019_21FEB_NS	0.87 3	73098.22	US_1981_Westmorland_90	1.06 1	51398.18
	17	JP_2011_16APR_03_NS	0.55 1	119325.79	JP_2011_16APR_01_EW	2.37 7	200340.18	US_1981_Westmorland_180	1.18 6	125715.39	JP_2019_21FEB_NS	0.87 3	73098.22	US_2005_Anza_01_90	1.84 8	74549.87	US_1986_North Palm Springs_0	1.15 2	31356.49
	18	JP_2011_16APR_02_NS	0.44 4	123970.92	JP_2004_23OCT_EW	1.55 3	224286.01	US_1981_Westmorland_90	1.38 6	98259.94	US_2005_Anza_01_90	1.84 8	74549.87	US_1981_Westmorland_180	0.89 5	75594.94	US_1991_SierraMadre_0	0.89 5	61651.10
	19	US_1981_Westmorland_180	1.18 6	125715.39	JP_2004_Chuet suAftershock_02_EW	1.48 4	242381.72	US_1991_SierraMadre_0	1.50 7	294292.96	US_1981_Westmorland_180	0.89 5	75594.94	JP_1997_Shizuoca_NS	1.45 5	78287.84	US_1991_SierraMadre_90	2.66 7	52533.01
	20	US_2005_Anza_02_360	1.29 4	126522.71	JP_2004_Chuet suAftershock_02_NS	2.05 5	251347.23	US_2005_Anza_02_360	1.29 4	126522.71	JP_1997_Shizuoca_NS	1.45 5	78287.84	JP_2011_16APR_02_NS	0.62 5	84020.85	US_2005_Anza_02_360	1.09 1	113102.00

RMS E	1	US_2005_Anza_01_360	3.28 1	155.42	US_1986_North Palm Springs_0	1.42 4	245.22	JP_1996_21DEC_EW	1.16 0	515.06	US_2005_Anza_01_360	3.21 2	154.80	US_2005_Anza_01_360	3.21 2	154.80	JP_1996_21DEC_EW	0.78 3	423.03
	2	US_1991_Petrolia_90	0.95 1	175.59	JP_2004_23OCT_NS	2.22 7	255.31	JP_1996_Nagano_NS	0.55 5	588.49	US_1986_North Palm Springs_90	1.48 5	162.89	US_1986_North Palm Springs_90	1.48 5	162.89	JP_1996_21DEC_UD	2.09 1	423.72
	3	US_1986_North Palm Springs_0	1.42 4	245.22	JP_2004_25OCT_EW	2.01 5	262.69	JP_1997_Shizuoca_EW	0.97 9	397.06	US_1991_Petrolia_90	0.97 8	174.76	US_1991_Petrolia_90	0.97 8	174.76	JP_1997_Shizuoca_EW	0.73 0	328.37
	4	JP_2004_23OCT_NS	2.22 7	255.31	US_1991_Petrolia_360	0.97 7	265.11	JP_1997_Shizuoca_NS	1.39 2	280.85	US_1986_North Palm Springs_0	1.15 2	177.08	US_1986_North Palm Springs_0	1.15 2	177.08	JP_2000_Mie_NS	0.64 0	552.80
	5	JP_2004_25OCT_EW	2.01 5	262.69	US_2005_Anza_01_90	1.76 6	274.69	JP_2000_Mie_NS	0.96 1	607.14	PE_1974_09NOV_01_EW	3.12 1	183.01	PE_1974_09NOV_01_EW	3.12 1	183.01	JP_2004_ChuetasuAftershock_02_NS	1.27 3	249.99
	6	US_1991_Petrolia_360	0.97 7	265.11	US_1986_North Palm Springs_90	1.96 1	282.88	JP_2011_16APR_01_EW	2.37 7	447.59	US_1991_Petrolia_360	1.33 3	186.09	US_1991_Petrolia_360	1.33 3	186.09	JP_2011_16APR_01_EW	1.84 8	414.20
	7	US_2005_Anza_01_90	1.76 6	274.69	US_1991_SierraMadre_90	3.31 6	284.72	JP_2011_16APR_01_NS	1.21 9	540.69	PE_1974_09NOV_01_NS	4.00 0	188.97	PE_1974_09NOV_01_NS	4.00 0	188.97	JP_2011_16APR_01_NS	0.87 3	493.11
	8	JP_1997_Shizuoca_NS	1.39 2	280.85	JP_2016_Kumamoto_02_EW	1.07 0	306.15	JP_2011_16APR_02_EW	0.77 3	335.67	JP_2019_21FEB_EW	1.15 2	206.43	JP_2019_21FEB_EW	1.15 2	206.43	JP_2011_16APR_02_NS	0.62 5	289.86
	9	US_1986_North Palm Springs_90	1.96 1	282.88	US_2005_Anza_02_90	0.94 1	315.83	JP_2011_16APR_02_NS	0.44 4	352.10	JP_2004_23OCT_NS	1.87 9	217.61	JP_2004_23OCT_NS	1.87 9	217.61	JP_2012_30AGO_EW	0.58 8	547.98
	10	US_1991_SierraMadre_90	3.31 6	284.72	JP_2019_21FEB_EW	1.53 0	318.78	JP_2011_16APR_03_EW	0.57 1	564.92	US_1981_Westmorland_90	1.06 1	226.71	US_1991_SierraMadre_90	2.66 7	229.20	JP_2012_30AGO_NS	1.03 0	508.93
	11	JP_2016_Kumamoto_02_EW	1.07 0	306.15	JP_2016_Kumamoto_02_NS	1.73 9	334.99	JP_2011_16APR_03_NS	0.55 1	345.44	US_1991_SierraMadre_90	2.66 7	229.20	JP_2004_ChuetasuAftershock_02_EW	0.91 8	230.10	JP_2016_Kumamoto_02_EW	0.97 0	297.75
	12	US_1981_Westmorland_90	1.38 6	313.46	JP_2011_16APR_02_EW	0.77 3	335.67	JP_2012_30AGO_EW	0.65 0	550.40	JP_2004_ChuetasuAftershock_02_EW	0.91 8	230.10	JP_2004_23OCT_EW	0.98 5	243.58	PE_1974_09NOV_01_EW	3.12 1	183.01
	13	US_2005_Anza_02_90	0.94 1	315.83	JP_2011_16APR_03_NS	0.55 1	345.44	JP_2012_30AGO_NS	0.57 1	563.11	JP_2004_23OCT_EW	0.98 5	243.58	US_1991_SierraMadre_0	0.89 5	248.30	PE_1974_09NOV_01_NS	4.00 0	188.97
	14	JP_2019_21FEB_EW	1.53 0	318.78	JP_2011_16APR_02_NS	0.44 4	352.10	JP_2016_Kumamoto_02_EW	1.07 0	306.15	US_1991_SierraMadre_0	0.89 5	248.30	JP_2004_ChuetasuAftershock_02_NS	1.27 3	249.99	PE_1974_09NOV_02_EW	4.00 0	448.94
	15	JP_2016_Kumamoto_02_NS	1.73 9	334.99	US_1981_Westmorland_180	1.18 6	354.56	JP_2016_Kumamoto_02_NS	1.73 9	334.99	JP_2004_ChuetasuAftershock_02_NS	1.27 3	249.99	JP_2004_25OCT_EW	2.03 0	262.68	US_1981_Westmorland_180	0.89 5	274.95
	16	JP_2011_16APR_02_EW	0.77 3	335.67	US_2005_Anza_02_360	1.29 4	355.70	JP_2019_21FEB_EW	1.53 0	318.78	JP_2004_25OCT_EW	2.03 0	262.68	JP_2019_21FEB_NS	0.87 3	270.37	US_1981_Westmorland_90	1.06 1	226.71
	17	JP_2011_16APR_03_NS	0.55 1	345.44	JP_2011_16APR_01_EW	2.37 7	447.59	US_1981_Westmorland_180	1.18 6	354.56	JP_2019_21FEB_NS	0.87 3	270.37	US_2005_Anza_01_90	1.84 8	273.04	US_1986_North Palm Springs_0	1.15 2	177.08
	18	JP_2011_16APR_02_NS	0.44 4	352.10	JP_2004_23OCT_EW	1.55 3	473.59	US_1981_Westmorland_90	1.38 6	313.46	US_2005_Anza_01_90	1.84 8	273.04	US_1981_Westmorland_180	0.89 5	274.95	US_1991_SierraMadre_0	0.89 5	248.30
	19	US_1981_Westmorland_180	1.18 6	354.56	JP_2004_ChuetasuAftershock_02_EW	1.48 4	492.32	US_1991_SierraMadre_0	1.50 7	542.49	US_1981_Westmorland_180	0.89 5	274.95	JP_1997_Shizuoca_NS	1.45 5	279.80	US_1991_SierraMadre_90	2.66 7	229.20
	20	US_2005_Anza_02_360	1.29 4	355.70	JP_2004_ChuetasuAftershock_02_NS	2.05 5	501.35	US_2005_Anza_02_360	1.29 4	355.70	JP_1997_Shizuoca_NS	1.45 5	279.80	JP_2011_16APR_02_NS	0.62 5	289.86	US_2005_Anza_02_360	1.09 1	336.31

REGISTROS SELECCIONADOS CASO Ymr-II T=0.08s - TSepu-tr-2475																			
Caso:		TSepu-tr-2475_NSp_Sbs			TSepu-tr-2475_NSp_Sci			TSepu-tr-2475_NSp_Ssr			TSepu-tr-2475_NSr_Sbs			TSepu-tr-2475_NSr_Sci			TSepu-tr-2475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	US_1991_Petrolia_90	1.23 2	179.29	US_1986_North Palm Springs_0	1.84 6	209.48	JP_1996_21DEC_EW	1.50 3	470.66	US_1986_North Palm Springs_0	1.54 5	170.36	US_1986_North Palm Springs_0	1.54 5	170.36	JP_1996_21DEC_EW	1.45 5	470.13
	2	US_1986_North Palm Springs_0	1.84 6	209.48	JP_2004_23OCT_NS	2.88 6	236.63	JP_1996_Nagano_NS	0.71 8	656.07	US_1991_Petrolia_90	1.27 3	178.53	US_1991_Petrolia_90	1.27 3	178.53	JP_1996_21DEC_UD	2.54 5	467.62
	3	JP_2004_23OCT_NS	2.88 6	236.63	US_1986_North Palm Springs_90	2.54 0	285.65	JP_1997_Shizuoca_EW	1.26 9	323.09	US_2005_Anza_01_360	4.00 0	181.69	US_2005_Anza_01_360	4.00 0	181.69	JP_1997_Shizuoca_NS	1.78 8	314.46
	4	US_1986_North Palm Springs_90	2.54 0	285.65	US_1981_Westmorland_180	1.53 7	292.68	JP_1997_Shizuoca_NS	1.80 3	314.69	US_1986_North Palm Springs_90	1.78 8	200.56	US_1986_North Palm Springs_90	1.78 8	200.56	JP_2004_25OCT_NS	1.18 2	416.61
	5	US_1981_Westmorland_180	1.53 7	292.68	US_1991_Petrolia_360	1.26 6	295.54	JP_2000_Mie_NS	1.24 6	623.34	US_1991_Petrolia_360	1.72 7	208.55	US_1991_Petrolia_360	1.72 7	208.55	JP_2004_ChuetasuAftershock_02_NS	1.72 7	253.35
	6	US_1991_Petrolia_360	1.26 6	295.54	JP_2004_25OCT_EW	2.61 1	309.17	JP_2004_25OCT_EW	2.61 1	309.17	PE_1974_09NOV_01_EW	3.93 9	215.12	PE_1974_09NOV_01_EW	3.93 9	215.12	JP_2011_16APR_01_EW	2.12 1	470.14
	7	US_1981_Westmorland_90	1.79 5	305.68	US_2005_Anza_01_90	2.28 9	310.40	JP_2004_25OCT_NS	0.91 6	445.41	JP_2004_23OCT_EW	1.42 4	229.27	JP_2004_23OCT_EW	1.42 4	229.27	JP_2011_16APR_01_NS	1.54 5	509.73
	8	JP_2004_25OCT_EW	2.61 1	309.17	JP_2019_21FEB_EW	1.98 2	319.77	JP_2011_16APR_01_NS	1.58 0	510.41	JP_2004_23OCT_NS	2.48 5	230.12	JP_2004_23OCT_NS	2.48 5	230.12	JP_2011_16APR_02_EW	1.18 2	351.38
	9	US_2005_Anza_01_90	2.28 9	310.40	JP_2016_Kumamoto_02_EW	1.38 7	333.70	JP_2011_16APR_02_EW	1.00 2	377.78	US_1981_Westmorland_90	1.45 5	233.83	JP_2019_21FEB_EW	1.51 5	237.15	JP_2011_16APR_02_NS	0.79 0	329.09
	10	JP_1997_Shizuoca_NS	1.80 3	314.69	US_2005_Anza_02_90	1.22 0	346.19	JP_2011_16APR_02_NS	0.57 5	400.52	JP_2019_21FEB_EW	1.51 5	237.15	JP_2004_ChuetasuAftershock_02_EW	1.24 2	238.21	JP_2011_16APR_03_EW	1.72 7	542.45
	11	JP_2019_21FEB_EW	1.98 2	319.77	JP_2016_Kumamoto_02_NS	2.25 3	361.94	JP_2011_16APR_03_NS	0.71 4	377.14	JP_2004_ChuetasuAftershock_02_EW	1.24 2	238.21	JP_2004_ChuetasuAftershock_02_NS	1.72 7	253.35	JP_2011_16APR_03_NS	1.03 0	333.85
	12	JP_1997_Shizuoca_EW	1.26 9	323.09	JP_2011_16APR_03_NS	0.71 4	377.14	JP_2012_30AGO_EW	0.84 2	605.15	JP_2004_ChuetasuAftershock_02_NS	1.72 7	253.35	US_1991_SierraMadre_90	3.69 7	259.83	JP_2016_Kumamoto_02_NS	2.75 8	350.55
	13	JP_2016_Kumamoto_02_EW	1.38 7	333.70	JP_2011_16APR_02_EW	1.00 2	377.78	JP_2012_30AGO_NS	0.74 0	632.05	US_1991_SierraMadre_90	3.69 7	259.83	US_1981_Westmorland_180	1.24 2	260.11	PE_1974_09NOV_01_EW	3.93 9	215.12

	14	US_2005_Anza_02_90	1.220	346.19	US_2005_Anza_02_360	1.677	392.24	JP_2016_Kumamoto_02_EW	1.387	333.70	US_1981_Westmorland_180	1.242	260.11	US_1991_SierraMadre_0	1.212	294.10	PE_1974_09NOV_01_NS	4.000	347.62
	15	JP_2016_Kumamoto_02_NS	2.253	361.94	JP_2004_23OCT_EW	2.012	397.50	JP_2016_Kumamoto_02_NS	2.253	361.94	US_1991_SierraMadre_0	1.212	294.10	JP_2019_21FEB_NS	1.364	300.16	PE_1974_09NOV_02_EW	4.000	615.75
	16	JP_2011_16APR_03_NS	0.714	377.14	JP_2011_16APR_02_NS	0.575	400.52	JP_2019_21FEB_EW	1.982	319.77	JP_2019_21FEB_NS	1.364	300.16	JP_2004_25OCT_EW	3.000	308.36	US_1986_North Palm Springs_90	1.788	200.56
	17	JP_2011_16APR_02_EW	1.002	377.78	JP_2004_Chuet-suAftershock_02_NS	2.663	450.62	US_1981_Westmorland_180	1.537	292.68	JP_2004_25OCT_EW	3.000	308.36	US_2005_Anza_01_90	2.273	310.42	US_1991_Petrolia_90	1.273	178.53
	18	US_2005_Anza_02_360	1.677	392.24	JP_2004_Chuet-suAftershock_02_EW	1.923	452.92	US_1981_Westmorland_90	1.795	305.68	US_2005_Anza_01_90	2.273	310.42	JP_1997_Shizuoca_NS	1.788	314.46	US_1991_SierraMadre_0	1.212	294.10
	19	JP_2004_23OCT_EW	2.012	397.50	JP_1996_21DEC_EW	1.503	470.66	US_1991_SierraMadre_0	1.953	485.01	JP_1997_Shizuoca_NS	1.788	314.46	JP_1997_Shizuoca_EW	1.212	321.69	US_2005_Anza_01_360	4.000	181.69
	20	JP_2011_16APR_02_NS	0.575	400.52	JP_2019_21FEB_NS	2.012	472.69	US_2005_Anza_02_360	1.677	392.24	JP_1997_Shizuoca_EW	1.212	321.69	JP_2011_16APR_02_NS	0.790	329.09	US_2005_Anza_02_360	1.515	391.72
MAP E	1	US_1986_North Palm Springs_0	1.846	22.03	US_1986_North Palm Springs_0	1.846	22.03	JP_1996_21DEC_EW	1.503	57.57	US_1986_North Palm Springs_0	1.576	19.35	US_1986_North Palm Springs_0	1.576	19.35	JP_1996_21DEC_EW	1.515	57.62
	2	US_1991_Petrolia_90	1.232	25.67	JP_2004_23OCT_NS	2.886	28.71	JP_1996_Nagano_NS	0.718	75.92	JP_2004_23OCT_EW	1.424	25.11	JP_2004_23OCT_EW	1.424	25.11	JP_1996_Nagano_NS	1.909	66.11
	3	JP_2004_23OCT_NS	2.886	28.71	US_1986_North Palm Springs_90	2.540	30.34	JP_1997_Shizuoca_EW	1.269	38.33	US_1991_Petrolia_90	1.273	25.37	US_1991_Petrolia_90	1.273	25.37	JP_1997_Shizuoca_NS	1.818	43.91
	4	US_1986_North Palm Springs_90	2.540	30.34	US_1981_Westmorland_180	1.537	35.12	JP_1997_Shizuoca_NS	1.803	43.89	US_1986_North Palm Springs_90	2.121	27.26	US_1986_North Palm Springs_90	2.121	27.26	JP_2004_25OCT_EW	3.030	41.24
	5	US_1981_Westmorland_180	1.537	35.12	JP_2019_21FEB_EW	1.982	37.91	JP_2000_Mie_NS	1.246	72.27	PE_1974_09NOV_01_EW	4.000	27.68	PE_1974_09NOV_01_EW	4.000	27.68	JP_2011_16APR_01_NS	1.576	61.96
	6	JP_2019_21FEB_EW	1.982	37.91	US_1991_Petrolia_360	1.266	40.05	JP_2004_25OCT_EW	2.611	43.04	US_2005_Anza_01_360	4.000	27.92	US_2005_Anza_01_360	4.000	27.92	JP_2011_16APR_02_EW	1.212	49.20
	7	JP_1997_Shizuoca_EW	1.269	38.33	JP_2004_23OCT_EW	2.012	41.48	JP_2004_25OCT_NS	0.916	58.03	JP_2004_23OCT_NS	2.879	28.71	JP_2004_23OCT_NS	2.879	28.71	JP_2011_16APR_02_NS	0.798	46.29
	8	US_1991_Petrolia_360	1.266	40.05	JP_2004_25OCT_EW	2.611	43.04	JP_2011_16APR_01_NS	1.580	61.96	US_1991_Petrolia_360	1.727	29.39	US_1991_Petrolia_360	1.727	29.39	JP_2011_16APR_03_EW	1.727	66.22
	9	JP_2004_23OCT_EW	2.012	41.48	JP_2016_Kumamoto_02_EW	1.387	44.07	JP_2011_16APR_02_EW	1.002	52.51	US_1981_Westmorland_180	1.242	30.25	US_1981_Westmorland_180	1.242	30.25	JP_2011_16APR_03_NS	1.030	46.18
	10	JP_2004_25OCT_EW	2.611	43.04	US_2005_Anza_01_90	2.289	44.08	JP_2011_16APR_02_NS	0.575	54.00	JP_2004_Chuet-suAftershock_02_EW	1.303	30.64	JP_2004_Chuet-suAftershock_02_EW	1.303	30.64	JP_2016_Kumamoto_02_EW	1.394	44.08
	11	JP_1997_Shizuoca_NS	1.803	43.89	JP_2016_Kumamoto_02_NS	2.253	46.22	JP_2011_16APR_03_NS	0.714	50.09	US_1981_Westmorland_90	1.364	32.82	JP_2019_21FEB_EW	1.515	33.29	JP_2016_Kumamoto_02_NS	2.788	42.96
	12	JP_2016_Kumamoto_02_EW	1.387	44.07	US_1991_SierraMadre_0	1.953	46.84	JP_2012_30AGO_EW	0.842	71.92	JP_2019_21FEB_EW	1.515	33.29	JP_2004_Chuet-suAftershock_02_NS	1.727	33.70	JP_2019_21FEB_EW	1.515	33.29
	13	US_2005_Anza_01_90	2.289	44.08	US_2005_Anza_02_90	1.220	48.97	JP_2012_30AGO_NS	0.740	74.62	JP_2004_Chuet-suAftershock_02_NS	1.727	33.70	US_1991_SierraMadre_90	3.970	35.86	PE_1974_09NOV_01_EW	4.000	27.68
	14	US_1981_Westmorland_90	1.795	44.31	JP_2019_21FEB_NS	2.012	49.26	JP_2016_Kumamoto_02_EW	1.387	44.07	US_1991_SierraMadre_90	3.970	35.86	US_1991_SierraMadre_0	1.303	37.11	PE_1974_09NOV_01_NS	4.000	44.37
	15	JP_2016_Kumamoto_02_NS	2.253	46.22	JP_2004_Chuet-suAftershock_02_EW	1.923	49.94	JP_2016_Kumamoto_02_NS	2.253	46.22	US_1991_SierraMadre_0	1.303	37.11	JP_2019_21FEB_NS	1.394	37.60	PE_1974_09NOV_02_EW	4.000	72.54
	16	US_1991_SierraMadre_0	1.953	46.84	JP_2011_16APR_03_NS	0.714	50.09	JP_2019_21FEB_EW	1.982	37.91	JP_2019_21FEB_NS	1.394	37.60	JP_1997_Shizuoca_EW	1.273	38.34	PE_1974_09NOV_02_NS	4.000	61.94
	17	US_2005_Anza_02_90	1.220	48.97	JP_2004_Chuet-suAftershock_02_NS	2.663	50.71	US_1981_Westmorland_180	1.537	35.12	JP_1997_Shizuoca_EW	1.273	38.34	JP_2004_25OCT_EW	3.030	41.24	US_1991_Petrolia_90	1.273	25.37
	18	JP_2019_21FEB_NS	2.012	49.26	US_2005_Anza_02_360	1.677	50.92	US_1981_Westmorland_90	1.795	44.31	JP_2004_25OCT_EW	3.030	41.24	JP_2016_Kumamoto_02_NS	2.788	42.96	US_1991_SierraMadre_0	1.303	37.11
	19	JP_2004_Chuet-suAftershock_02_EW	1.923	49.94	JP_2011_16APR_02_EW	1.002	52.51	US_1991_SierraMadre_0	1.953	46.84	JP_2016_Kumamoto_02_NS	2.788	42.96	JP_1997_Shizuoca_NS	1.818	43.91	US_2005_Anza_01_360	4.000	27.92
	20	JP_2011_16APR_03_NS	0.714	50.09	JP_2011_16APR_02_NS	0.575	54.00	US_2005_Anza_02_360	1.677	50.92	JP_1997_Shizuoca_NS	1.818	43.91	JP_2016_Kumamoto_02_EW	1.394	44.08	US_2005_Anza_02_360	1.667	50.95
MSE	1	US_1991_Petrolia_90	1.232	43967.69	JP_2004_23OCT_NS	2.886	110901.81	JP_1996_21DEC_EW	1.503	464094.13	US_1991_Petrolia_90	1.242	43875.52	US_1991_Petrolia_90	1.242	43875.52	JP_1996_21DEC_EW	0.985	302801.44
	2	JP_2004_23OCT_NS	2.886	110901.81	US_1991_Petrolia_360	1.266	111399.82	JP_1996_Nagano_NS	0.718	558018.07	US_2005_Anza_01_360	4.000	45327.59	US_2005_Anza_01_360	4.000	45327.59	JP_2000_Mie_NS	0.805	503983.44
	3	US_1991_Petrolia_360	1.266	111399.82	US_1986_North Palm Springs_0	1.846	114795.37	JP_1997_Shizuoca_EW	1.269	272700.95	US_1986_North Palm Springs_90	1.879	52936.59	US_1986_North Palm Springs_90	1.879	52936.59	JP_2004_25OCT_NS	1.152	224238.20
	4	US_1986_North Palm Springs_0	1.846	114795.37	JP_2004_25OCT_EW	2.611	122580.34	JP_1997_Shizuoca_NS	1.803	138473.92	US_1986_North Palm Springs_0	1.455	57748.51	US_1986_North Palm Springs_0	1.455	57748.51	JP_2004_Chuet-suAftershock_02_NS	1.606	99067.42
	5	JP_2004_25OCT_EW	2.611	122580.34	US_2005_Anza_01_90	2.289	131486.80	JP_2000_Mie_NS	1.246	620983.08	US_1991_Petrolia_360	1.697	59668.66	US_1991_Petrolia_360	1.697	59668.66	JP_2011_16APR_01_NS	1.091	403934.72
	6	US_2005_Anza_01_90	2.289	131486.80	US_1986_North Palm Springs_90	2.540	155636.18	JP_2004_25OCT_EW	2.611	122580.34	PE_1974_09NOV_01_EW	3.939	61092.15	PE_1974_09NOV_01_EW	3.939	61092.15	JP_2011_16APR_02_EW	1.182	173357.29
	7	JP_1997_Shizuoca_NS	1.803	138473.92	JP_2016_Kumamoto_02_EW	1.387	167153.02	JP_2004_25OCT_NS	0.916	252333.74	JP_2004_23OCT_NS	2.394	75739.14	JP_2004_23OCT_NS	2.394	75739.14	JP_2011_16APR_02_NS	0.798	145286.00
	8	US_1986_North Palm Springs_90	2.540	155636.18	US_2005_Anza_02_90	1.220	172712.44	JP_2011_16APR_01_NS	1.580	497311.24	JP_2019_21FEB_EW	1.455	77544.59	JP_2019_21FEB_EW	1.455	77544.59	JP_2011_16APR_03_EW	1.485	388626.20
	9	US_1981_Westmorland_90	1.795	166330.62	JP_2016_Kumamoto_02_NS	2.253	184256.40	JP_2011_16APR_02_EW	1.002	188372.10	US_1981_Westmorland_90	1.364	80117.77	JP_2004_Chuet-suAftershock_02_EW	1.182	81433.46	JP_2011_16APR_03_NS	0.978	138989.29
	10	JP_2016_Kumamoto_02_EW	1.387	167153.02	JP_2011_16APR_02_EW	1.002	188372.10	JP_2011_16APR_02_NS	0.575	202561.87	JP_2004_Chuet-suAftershock_02_EW	1.182	81433.46	JP_2004_23OCT_EW	1.273	89793.00	JP_2012_30AGO_EW	0.745	494603.55
	11	US_2005_Anza_02_90	1.220	172712.44	JP_2019_21FEB_EW	1.982	189554.22	JP_2011_16APR_03_NS	0.714	194711.40	JP_2004_23OCT_EW	1.273	89793.00	US_1991_SierraMadre_90	3.394	90942.19	JP_2016_Kumamoto_02_NS	2.788	158482.10
	12	JP_2016_Kumamoto_02_NS	2.253	184256.40	JP_2011_16APR_03_NS	0.714	194711.40	JP_2012_30AGO_EW	0.842	501474.85	US_1991_SierraMadre_90	3.394	90942.19	JP_2004_Chuet-suAftershock_02_NS	1.606	99067.42	JP_2019_21FEB_EW	1.455	77544.59

	13	JP_2011_16APR_02_EW	1.002	188372.10	US_1981_Westmorland_180	1.537	199806.39	JP_2012_30AGO_NS	0.740	512507.87	JP_2004_ChuetstuAftershock_02_NS	1.606	99067.42	US_1991_SierraMadre_0	1.121	110441.74	JP_2019_21FEB_NS	1.121	126251.72
	14	JP_2019_21FEB_EW	1.982	189554.22	JP_2011_16APR_02_NS	0.575	202561.87	JP_2016_Kumamoto_02_EW	1.387	167153.02	US_1991_SierraMadre_0	1.121	110441.74	US_1981_Westmorland_180	1.152	110954.72	PE_1974_09NOV_01_EW	3.939	61092.15
	15	JP_2011_16APR_03_NS	0.714	194711.40	US_2005_Anza_02_360	1.677	223509.80	JP_2016_Kumamoto_02_NS	2.253	184256.40	US_1981_Westmorland_180	1.152	110954.72	JP_2004_25OCT_EW	2.576	122328.25	PE_1974_09NOV_01_NS	4.000	139625.29
	16	US_1981_Westmorland_180	1.537	199806.39	JP_2011_16APR_01_EW	3.079	348467.64	JP_2019_21FEB_EW	1.982	189554.22	JP_2004_25OCT_EW	2.576	122328.25	JP_2019_21FEB_NS	1.121	126251.72	PE_1974_09NOV_02_EW	4.000	425944.72
	17	JP_2011_16APR_02_NS	0.575	202561.87	JP_2004_23OCT_EW	2.012	378570.89	US_1981_Westmorland_180	1.537	199806.39	JP_2019_21FEB_NS	1.121	126251.72	US_2005_Anza_01_90	2.333	131148.05	US_1981_Westmorland_180	1.152	110954.72
	18	US_2005_Anza_02_360	1.677	223509.80	JP_2004_ChuetstuAftershock_02_EW	1.923	413684.15	US_1981_Westmorland_90	1.795	166330.62	US_2005_Anza_01_90	2.333	131148.05	JP_1997_Shizuoca_NS	1.818	138368.27	US_1991_Petrolia_90	1.242	43875.52
	19	JP_2004_25OCT_NS	0.916	252333.74	JP_2004_ChuetstuAftershock_02_NS	2.663	431554.15	US_1991_SierraMadre_0	1.953	527354.16	JP_1997_Shizuoca_NS	1.818	138368.27	JP_2011_16APR_03_NS	0.978	138989.29	US_1991_SierraMadre_0	1.121	110441.74
	20	JP_1997_Shizuoca_EW	1.269	272700.95	JP_2000_Mie_EW	1.892	439686.25	US_2005_Anza_02_360	1.677	223509.80	JP_2011_16APR_03_NS	0.978	138989.29	PE_1974_09NOV_01_NS	4.000	139625.29	US_2005_Anza_01_360	4.000	45327.59
RMS E	1	US_1991_Petrolia_90	1.232	209.68	JP_2004_23OCT_NS	2.886	333.02	JP_1996_21DEC_EW	1.503	681.24	US_1991_Petrolia_90	1.242	209.46	US_1991_Petrolia_90	1.242	209.46	JP_1996_21DEC_EW	0.985	550.27
	2	JP_2004_23OCT_NS	2.886	333.02	US_1991_Petrolia_360	1.266	333.77	JP_1996_Nagano_NS	0.718	747.01	US_2005_Anza_01_360	4.000	212.90	US_2005_Anza_01_360	4.000	212.90	JP_2000_Mie_NS	0.805	709.92
	3	US_1991_Petrolia_360	1.266	333.77	US_1986_North Palm Springs_0	1.846	338.81	JP_1997_Shizuoca_EW	1.269	522.21	US_1986_North Palm Springs_90	1.879	230.08	US_1986_North Palm Springs_90	1.879	230.08	JP_2004_25OCT_NS	1.152	473.54
	4	US_1986_North Palm Springs_0	1.846	338.81	JP_2004_25OCT_EW	2.611	350.11	JP_1997_Shizuoca_NS	1.803	372.12	US_1986_North Palm Springs_0	1.455	240.31	US_1986_North Palm Springs_0	1.455	240.31	JP_2004_ChuetstuAftershock_02_NS	1.606	314.75
	5	JP_2004_25OCT_EW	2.611	350.11	US_2005_Anza_01_90	2.289	362.61	JP_2000_Mie_NS	1.246	788.02	US_1991_Petrolia_360	1.697	244.27	US_1991_Petrolia_360	1.697	244.27	JP_2011_16APR_01_NS	1.091	635.56
	6	US_2005_Anza_01_90	2.289	362.61	US_1986_North Palm Springs_90	2.540	394.51	JP_2004_25OCT_EW	2.611	350.11	PE_1974_09NOV_01_EW	3.939	247.17	PE_1974_09NOV_01_EW	3.939	247.17	JP_2011_16APR_02_EW	1.182	416.36
	7	JP_1997_Shizuoca_NS	1.803	372.12	JP_2016_Kumamoto_02_EW	1.387	408.84	JP_2004_25OCT_NS	0.916	502.33	JP_2004_23OCT_NS	2.394	275.21	JP_2004_23OCT_NS	2.394	275.21	JP_2011_16APR_02_NS	0.798	381.16
	8	US_1986_North Palm Springs_90	2.540	394.51	US_2005_Anza_02_90	1.220	415.59	JP_2011_16APR_01_NS	1.580	705.20	JP_2019_21FEB_EW	1.455	278.47	JP_2019_21FEB_EW	1.455	278.47	JP_2011_16APR_03_EW	1.485	623.40
	9	US_1981_Westmorland_90	1.795	407.84	JP_2016_Kumamoto_02_NS	2.253	429.25	JP_2011_16APR_02_EW	1.002	434.02	US_1981_Westmorland_90	1.364	283.05	JP_2004_ChuetstuAftershock_02_EW	1.182	285.37	JP_2011_16APR_03_NS	0.978	372.81
	10	JP_2016_Kumamoto_02_EW	1.387	408.84	JP_2011_16APR_02_EW	1.002	434.02	JP_2011_16APR_02_NS	0.575	450.07	JP_2004_ChuetstuAftershock_02_EW	1.182	285.37	JP_2004_23OCT_EW	1.273	299.65	JP_2012_30AGO_EW	0.745	703.28
	11	US_2005_Anza_02_90	1.220	415.59	JP_2019_21FEB_EW	1.982	435.38	JP_2011_16APR_03_NS	0.714	441.26	JP_2004_23OCT_EW	1.273	299.65	US_1991_SierraMadre_90	3.394	301.57	JP_2016_Kumamoto_02_NS	2.788	398.10
	12	JP_2016_Kumamoto_02_NS	2.253	429.25	JP_2011_16APR_03_NS	0.714	441.26	JP_2012_30AGO_EW	0.842	708.15	US_1991_SierraMadre_90	3.394	301.57	JP_2004_ChuetstuAftershock_02_NS	1.606	314.75	JP_2019_21FEB_EW	1.455	278.47
	13	JP_2011_16APR_02_EW	1.002	434.02	US_1981_Westmorland_180	1.537	447.00	JP_2012_30AGO_NS	0.740	715.90	JP_2004_ChuetstuAftershock_02_NS	1.606	314.75	US_1991_SierraMadre_0	1.121	332.33	JP_2019_21FEB_NS	1.121	355.32
	14	JP_2019_21FEB_EW	1.982	435.38	JP_2011_16APR_02_NS	0.575	450.07	JP_2016_Kumamoto_02_EW	1.387	408.84	US_1991_SierraMadre_0	1.121	332.33	US_1981_Westmorland_180	1.152	333.10	PE_1974_09NOV_01_EW	3.939	247.17
	15	JP_2011_16APR_03_NS	0.714	441.26	US_2005_Anza_02_360	1.677	472.77	JP_2016_Kumamoto_02_NS	2.253	429.25	US_1981_Westmorland_180	1.152	333.10	JP_2004_25OCT_EW	2.576	349.75	PE_1974_09NOV_01_NS	4.000	373.66
	16	US_1981_Westmorland_180	1.537	447.00	JP_2011_16APR_01_EW	3.079	590.31	JP_2019_21FEB_EW	1.982	435.38	JP_2004_25OCT_EW	2.576	349.75	JP_2019_21FEB_NS	1.121	355.32	PE_1974_09NOV_02_EW	4.000	652.64
	17	JP_2011_16APR_02_NS	0.575	450.07	JP_2004_23OCT_EW	2.012	615.28	US_1981_Westmorland_180	1.537	447.00	JP_2019_21FEB_NS	1.121	355.32	US_2005_Anza_01_90	2.333	362.14	US_1981_Westmorland_180	1.152	333.10
	18	US_2005_Anza_02_360	1.677	472.77	JP_2004_ChuetstuAftershock_02_EW	1.923	643.18	US_1981_Westmorland_90	1.795	407.84	US_2005_Anza_01_90	2.333	362.14	JP_1997_Shizuoca_NS	1.818	371.98	US_1991_Petrolia_90	1.242	209.46
	19	JP_2004_25OCT_NS	0.916	502.33	JP_2004_ChuetstuAftershock_02_NS	2.663	656.93	US_1991_SierraMadre_0	1.953	726.19	JP_1997_Shizuoca_NS	1.818	371.98	JP_2011_16APR_03_NS	0.978	372.81	US_1991_SierraMadre_0	1.121	332.33
	20	JP_1997_Shizuoca_EW	1.269	522.21	JP_2000_Mie_EW	1.892	663.09	US_2005_Anza_02_360	1.677	472.77	JP_2011_16APR_03_NS	0.978	372.81	PE_1974_09NOV_01_NS	4.000	373.66	US_2005_Anza_01_360	4.000	212.90

REGISTROS SELECCIONADOS CASO Ymr-II T=0.16s - TSe030																			
Caso:		TSe030_NSp_Sbs			TSe030_NSp_Sci			TSe030_NSp_Ssr			TSe030_NSr_Sbs			TSe030_NSr_Sci			TSe030_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	PE_1974_09NOV_01_EW	3.392	153.54	PE_1974_09NOV_01_EW	3.392	153.54	JP_1996_21DEC_UD	1.614	338.59	US_1986_North Palm Springs_0	1.333	106.02	US_1986_North Palm Springs_0	1.333	106.02	JP_1996_21DEC_UD	2.152	309.71
	2	US_1991_Petrolia_90	1.236	155.73	US_1991_Petrolia_90	1.236	155.73	JP_2000_Mie_NS	0.431	452.73	US_2005_Anza_01_360	3.697	140.31	US_2005_Anza_01_360	3.697	140.31	JP_1997_Shizuoca_NS	1.697	222.02
	3	JP_2004_23OCT_EW	1.391	163.25	JP_2004_23OCT_EW	1.391	163.25	JP_2004_25OCT_EW	1.552	293.29	US_1986_North Palm Springs_90	1.667	143.77	US_1986_North Palm Springs_90	1.667	143.77	JP_2004_25OCT_NS	0.993	296.64
	4	JP_2004_23OCT_NS	2.465	179.03	JP_2004_23OCT_NS	2.465	179.03	JP_2004_25OCT_NS	0.632	356.04	PE_1974_09NOV_01_EW	3.545	151.67	PE_1974_09NOV_01_EW	3.545	151.67	JP_2004_ChuetstuAftershock_02_EW	1.121	184.51
	5	JP_2019_21FEB_EW	1.274	182.23	JP_2019_21FEB_EW	1.274	182.23	JP_2004_ChuetstuAftershock_02_NS	1.483	207.80	US_1991_Petrolia_90	1.152	152.55	US_1991_Petrolia_90	1.152	152.55	JP_2004_ChuetstuAftershock_02_NS	1.485	207.80

	6	US_1991_Petrolia_360	1.24 6	183.95	US_1991_Petrolia_360	1.24 6	183.95	JP_2011_16APR_02_EW	0.96 1	268.99	US_1991_Petrolia_360	1.63 6	154.68	US_1991_Petrolia_360	1.63 6	154.68	JP_2011_16APR_02_EW	1.06 1	260.08
	7	US_1981_Westmorland_90	1.21 7	188.42	US_1986_North Palm Springs_90	1.30 7	188.78	JP_2011_16APR_02_NS	0.59 7	252.80	JP_2004_23OCT_EW	1.24 2	156.42	JP_2004_23OCT_EW	1.24 2	156.42	JP_2011_16APR_02_NS	0.65 5	243.53
	8	US_1986_North Palm Springs_90	1.30 7	188.78	US_1991_SierraMadre_0	1.03 1	189.09	JP_2011_16APR_03_NS	0.70 4	261.51	JP_2004_23OCT_NS	2.15 2	173.59	JP_2004_23OCT_NS	2.15 2	173.59	JP_2011_16APR_03_EW	2.09 1	347.13
	9	US_1991_SierraMadre_0	1.03 1	189.09	JP_2004_ChuetasuAftershock 02_EW	1.21 5	189.55	PE_1974_09NOV_01_EW	3.39 2	153.54	JP_2019_21FEB_EW	1.27 3	182.25	JP_2019_21FEB_EW	1.27 3	182.25	JP_2019_21FEB_EW	1.27 3	182.25
	10	JP_2004_ChuetasuAftershock 02_EW	1.21 5	189.55	US_2005_Anza_01_360	2.90 1	191.98	PE_1974_09NOV_01_NS	3.86 3	207.84	JP_2004_ChuetasuAftershock 02_EW	1.12 1	184.51	JP_2004_ChuetasuAftershock 02_EW	1.12 1	184.51	PE_1974_09NOV_01_EW	3.54 5	151.67
	11	US_2005_Anza_01_360	2.90 1	191.98	JP_2004_ChuetasuAftershock 02_NS	1.48 3	207.80	US_1981_Westmorland_180	1.35 0	216.79	US_1981_Westmorland_90	1.21 2	188.34	US_1991_SierraMadre_0	1.03 0	189.11	PE_1974_09NOV_01_NS	4.00 0	196.69
	12	JP_2004_ChuetasuAftershock 02_NS	1.48 3	207.80	US_1986_North Palm Springs_0	0.83 9	225.18	US_1981_Westmorland_90	1.21 7	188.42	US_1991_SierraMadre_0	1.03 0	189.11	US_1981_Westmorland_180	1.06 1	189.57	PE_1974_09NOV_02_EW	4.00 0	382.90
	13	PE_1974_09NOV_01_NS	3.86 3	207.84	JP_1997_Shizuoca_NS	1.42 3	232.19	US_1986_North Palm Springs_0	0.83 9	225.18	US_1981_Westmorland_180	1.06 1	189.57	PE_1974_09NOV_01_NS	4.00 0	196.69	PE_1974_09NOV_02_NS	4.00 0	312.95
	14	US_1991_SierraMadre_90	2.74 7	213.59	JP_2019_21FEB_NS	1.34 6	233.90	US_1986_North Palm Springs_90	1.30 7	188.78	PE_1974_09NOV_01_NS	4.00 0	196.69	US_1991_SierraMadre_90	3.15 2	204.93	US_1981_Westmorland_180	1.06 1	189.57
	15	US_1981_Westmorland_180	1.35 0	216.79	JP_2016_Kumamoto_02_EW	1.35 7	241.09	US_1991_Petrolia_360	1.24 6	183.95	US_1991_SierraMadre_90	3.15 2	204.93	JP_2004_ChuetasuAftershock 02_NS	1.48 5	207.80	US_1981_Westmorland_90	1.21 2	188.34
	16	US_1986_North Palm Springs_0	0.83 9	225.18	JP_2011_16APR_02_NS	0.59 7	252.80	US_1991_Petrolia_90	1.23 6	155.73	JP_2004_ChuetasuAftershock 02_NS	1.48 5	207.80	JP_2019_21FEB_NS	1.15 2	220.32	US_1986_North Palm Springs_90	1.66 7	143.77
	17	JP_1997_Shizuoca_NS	1.42 3	232.19	JP_2016_Kumamoto_02_NS	1.95 5	256.50	US_1991_SierraMadre_0	1.03 1	189.09	JP_2019_21FEB_NS	1.15 2	220.32	JP_1997_Shizuoca_NS	1.69 7	222.02	US_1991_Petrolia_360	1.63 6	154.68
	18	JP_2019_21FEB_NS	1.34 6	233.90	JP_2011_16APR_03_NS	0.70 4	261.51	US_1991_SierraMadre_90	2.74 7	213.59	JP_1997_Shizuoca_NS	1.69 7	222.02	JP_1997_Shizuoca_EW	1.03 0	226.30	US_1991_Petrolia_90	1.15 2	152.55
	19	JP_2016_Kumamoto_02_EW	1.35 7	241.09	JP_1997_Shizuoca_EW	1.42 5	263.05	US_2005_Anza_01_90	1.53 7	276.95	JP_1997_Shizuoca_EW	1.03 0	226.30	JP_2016_Kumamoto_02_NS	2.57 6	228.99	US_1991_SierraMadre_0	1.03 0	189.11
	20	JP_2011_16APR_02_NS	0.59 7	252.80	JP_2011_16APR_02_EW	0.96 1	268.99	US_2005_Anza_02_90	0.99 9	287.10	JP_2016_Kumamoto_02_NS	2.57 6	228.99	JP_2011_16APR_03_NS	0.87 3	239.21	US_1991_SierraMadre_90	3.15 2	204.93
MAP E	1	JP_2004_23OCT_EW	1.39 1	24.74	JP_2004_23OCT_EW	1.39 1	24.74	JP_1996_21DEC_UD	1.61 4	60.40	US_1986_North Palm Springs_0	1.36 4	18.89	US_1986_North Palm Springs_0	1.36 4	18.89	JP_1996_21DEC_EW	1.24 2	70.55
	2	US_1981_Westmorland_180	1.35 0	34.03	US_1991_Petrolia_90	1.23 6	34.48	JP_2000_Mie_NS	0.43 1	85.81	JP_2004_23OCT_EW	1.33 3	24.27	JP_2004_23OCT_EW	1.33 3	24.27	JP_1996_21DEC_UD	3.09 1	47.65
	3	US_1991_Petrolia_90	1.23 6	34.48	PE_1974_09NOV_01_EW	3.39 2	34.87	JP_2004_25OCT_EW	1.55 2	65.95	US_1981_Westmorland_180	1.06 1	31.92	US_1981_Westmorland_180	1.06 1	31.92	JP_1997_Shizuoca_NS	1.81 8	54.01
	4	PE_1974_09NOV_01_EW	3.39 2	34.87	JP_2004_23OCT_NS	2.46 5	36.27	JP_2004_25OCT_NS	0.63 2	73.53	PE_1974_09NOV_01_EW	3.78 8	33.08	PE_1974_09NOV_01_EW	3.78 8	33.08	JP_2000_Mie_EW	2.00 0	77.43
	5	JP_2004_23OCT_NS	2.46 5	36.27	US_1991_SierraMadre_0	1.03 1	39.57	JP_2004_ChuetasuAftershock 02_NS	1.48 3	48.73	US_1991_Petrolia_90	1.27 3	34.47	US_1991_Petrolia_90	1.27 3	34.47	JP_2004_25OCT_NS	1.39 4	63.65
	6	US_1991_SierraMadre_0	1.03 1	39.57	JP_2004_ChuetasuAftershock 02_EW	1.21 5	41.73	JP_2011_16APR_02_EW	0.96 1	63.43	US_1986_North Palm Springs_90	1.87 9	34.87	US_1986_North Palm Springs_90	1.87 9	34.87	JP_2011_16APR_01_EW	2.12 1	66.68
	7	US_1981_Westmorland_90	1.21 7	40.58	US_1986_North Palm Springs_0	0.83 9	42.86	JP_2011_16APR_02_NS	0.59 7	61.11	JP_2004_23OCT_NS	2.75 8	35.45	JP_2004_23OCT_NS	2.75 8	35.45	JP_2011_16APR_02_EW	1.21 2	60.95
	8	JP_2004_ChuetasuAftershock 02_EW	1.21 5	41.73	JP_1997_Shizuoca_EW	1.42 5	44.65	JP_2011_16APR_03_NS	0.70 4	60.69	JP_2016_Kumamoto_02_NS	4.00 0	36.11	US_1981_Westmorland_90	0.87 3	36.71	JP_2011_16APR_02_NS	0.75 3	59.33
	9	US_1986_North Palm Springs_0	0.83 9	42.86	US_1991_Petrolia_360	1.24 6	44.73	PE_1974_09NOV_01_EW	3.39 2	34.87	US_1981_Westmorland_90	0.87 3	36.71	US_1991_Petrolia_360	1.81 8	36.73	JP_2011_16APR_03_EW	2.24 2	69.53
	10	JP_1997_Shizuoca_EW	1.42 5	44.65	US_1986_North Palm Springs_90	1.30 7	45.31	PE_1974_09NOV_01_NS	3.86 3	46.76	US_1991_Petrolia_360	1.81 8	36.73	US_1991_SierraMadre_0	1.81 8	37.38	JP_2012_30AGO_NS	1.54 5	68.24
	11	US_1991_Petrolia_360	1.24 6	44.73	JP_2019_21FEB_EW	1.27 4	45.42	US_1981_Westmorland_180	1.35 0	34.03	US_1991_SierraMadre_0	1.81 8	37.38	US_2005_Anza_01_360	4.00 0	38.08	PE_1974_09NOV_01_EW	3.78 8	33.08
	12	US_1986_North Palm Springs_90	1.30 7	45.31	US_2005_Anza_01_360	2.90 1	47.13	US_1981_Westmorland_90	1.21 7	40.58	US_2005_Anza_01_360	4.00 0	38.08	JP_2004_ChuetasuAftershock 02_EW	1.15 2	41.62	PE_1974_09NOV_02_NS	4.00 0	58.56
	13	JP_2019_21FEB_EW	1.27 4	45.42	JP_2019_21FEB_NS	1.34 6	48.42	US_1986_North Palm Springs_0	0.83 9	42.86	JP_2004_ChuetasuAftershock 02_EW	1.15 2	41.62	JP_1997_Shizuoca_EW	1.27 3	44.06	US_1981_Westmorland_180	1.06 1	31.92
	14	PE_1974_09NOV_01_NS	3.86 3	46.76	JP_2004_ChuetasuAftershock 02_NS	1.48 3	48.73	US_1986_North Palm Springs_90	1.30 7	45.31	JP_1997_Shizuoca_EW	1.27 3	44.06	JP_2019_21FEB_EW	1.42 4	44.54	US_1981_Westmorland_90	0.87 3	36.71
	15	US_2005_Anza_01_360	2.90 1	47.13	JP_2016_Kumamoto_02_NS	1.95 5	51.44	US_1991_Petrolia_360	1.24 6	44.73	JP_2019_21FEB_EW	1.42 4	44.54	PE_1974_09NOV_01_NS	4.00 0	45.03	US_1986_North Palm Springs_0	1.36 4	18.89
	16	JP_2019_21FEB_NS	1.34 6	48.42	JP_2016_Kumamoto_02_EW	1.35 7	53.43	US_1991_Petrolia_90	1.23 6	34.48	PE_1974_09NOV_01_NS	4.00 0	45.03	JP_2019_21FEB_NS	1.30 3	48.25	US_1986_North Palm Springs_90	1.87 9	34.87
	17	JP_2004_ChuetasuAftershock 02_NS	1.48 3	48.73	JP_1997_Shizuoca_NS	1.42 3	56.67	US_1991_SierraMadre_0	1.03 1	39.57	JP_1996_21DEC_UD	3.09 1	47.65	JP_2004_ChuetasuAftershock 02_NS	1.51 5	48.68	US_1991_Petrolia_360	1.81 8	36.73
	18	JP_2016_Kumamoto_02_NS	1.95 5	51.44	JP_1996_21DEC_UD	1.61 4	60.40	US_1991_SierraMadre_90	2.74 7	52.24	JP_1996_Nagano_NS	3.60 6	48.09	US_1991_SierraMadre_90	3.81 8	49.19	US_1991_Petrolia_90	1.27 3	34.47
	19	US_1991_SierraMadre_90	2.74 7	52.24	JP_2011_16APR_03_NS	0.70 4	60.69	US_2005_Anza_01_90	1.53 7	63.34	JP_2019_21FEB_NS	1.30 3	48.25	JP_2016_Kumamoto_02_EW	1.39 4	53.31	US_1991_SierraMadre_90	3.81 8	49.19
	20	JP_2016_Kumamoto_02_EW	1.35 7	53.43	JP_2011_16APR_02_NS	0.59 7	61.11	US_2005_Anza_02_90	0.99 9	66.99	JP_2004_ChuetasuAftershock 02_NS	1.51 5	48.68	JP_1997_Shizuoca_NS	1.81 8	54.01	US_2005_Anza_02_90	1.15 2	66.00
MSE	1	PE_1974_09NOV_01_EW	3.39 2	35796.12	PE_1974_09NOV_01_EW	3.39 2	35796.12	JP_1996_21DEC_UD	1.61 4	185835.07	US_2005_Anza_01_360	3.66 7	24893.18	US_2005_Anza_01_360	3.66 7	24893.18	JP_1997_Shizuoca_EW	0.82 8	89612.02
	2	US_1991_Petrolia_90	1.23 6	40975.67	US_1991_Petrolia_90	1.23 6	40975.67	JP_2000_Mie_NS	0.43 1	296326.37	US_1986_North Palm Springs_90	1.63 6	29034.69	US_1986_North Palm Springs_90	1.63 6	29034.69	JP_1997_Shizuoca_NS	1.66 7	64662.02
	3	US_2005_Anza_01_360	2.90 1	43255.31	US_2005_Anza_01_360	2.90 1	43255.31	JP_2004_25OCT_EW	1.55 2	110675.46	US_1986_North Palm Springs_0	1.27 3	29465.92	US_1986_North Palm Springs_0	1.27 3	29465.92	JP_2004_ChuetasuAftershock 02_EW	1.00 0	54240.74
	4	JP_2019_21FEB_EW	1.27 4	44022.35	JP_2019_21FEB_EW	1.27 4	44022.35	JP_2004_25OCT_NS	0.63 2	170227.22	US_1991_Petrolia_360	1.51 5	31226.16	US_1991_Petrolia_360	1.51 5	31226.16	JP_2004_ChuetasuAftershock 02_NS	1.39 4	63859.31

	5	US_1991_Petrolia_360	1.24 6	45430.17	US_1991_Petrolia_360	1.24 6	45430.17	JP_2004_ChuetsuAftershock_02_NS	1.48 3	65291.23	US_1991_Petrolia_90	1.09 1	32628.30	US_1991_Petrolia_90	1.09 1	32628.30	JP_2011_16APR_02_EW	1.06 1	96290.46
	6	US_1986_North Palm Springs_90	1.30 7	47545.58	US_1986_North Palm Springs_90	1.30 7	47545.58	JP_2011_16APR_02_EW	0.96 1	98982.58	PE_1974_09NOV_01_EW	3.42 4	35752.33	PE_1974_09NOV_01_EW	3.42 4	35752.33	JP_2011_16APR_02_NS	0.72 3	74968.96
	7	US_1991_SierraMadre_0	1.03 1	53520.50	US_1991_SierraMadre_0	1.03 1	53520.50	JP_2011_16APR_02_NS	0.59 7	86841.15	JP_2019_21FEB_EW	1.27 3	44019.30	JP_2019_21FEB_EW	1.27 3	44019.30	JP_2011_16APR_03_EW	1.57 6	175287.98
	8	US_1991_SierraMadre_90	2.74 7	54921.23	JP_2004_23OCT_NS	2.46 5	58254.06	JP_2011_16APR_03_NS	0.70 4	88734.92	JP_2004_23OCT_NS	2.09 1	44689.75	JP_2004_23OCT_NS	2.09 1	44689.75	JP_2019_21FEB_EW	1.27 3	44019.30
	9	JP_2004_23OCT_NS	2.46 5	58254.06	JP_2004_ChuetsuAftershock_02_NS	1.48 3	65291.23	PE_1974_09NOV_01_EW	3.39 2	35796.12	US_1991_SierraMadre_90	2.97 0	52515.98	US_1991_SierraMadre_90	2.97 0	52515.98	PE_1974_09NOV_01_EW	3.42 4	35752.33
	10	US_1981_Westmorland_90	1.21 7	59083.80	JP_2004_ChuetsuAftershock_02_EW	1.21 5	70404.84	PE_1974_09NOV_01_NS	3.86 3	59467.38	US_1991_SierraMadre_0	0.99 3	52812.44	US_1991_SierraMadre_0	0.99 3	52812.44	PE_1974_09NOV_01_NS	4.00 0	53851.59
	11	PE_1974_09NOV_01_NS	3.86 3	59467.38	JP_1997_Shizuoca_NS	1.42 3	72494.20	US_1981_Westmorland_180	1.35 0	130322.23	PE_1974_09NOV_01_NS	4.00 0	53851.59	PE_1974_09NOV_01_NS	4.00 0	53851.59	PE_1974_09NOV_02_EW	4.00 0	191750.39
	12	JP_2004_ChuetsuAftershock_02_NS	1.48 3	65291.23	US_1986_North Palm Springs_0	0.83 9	77783.37	US_1981_Westmorland_90	1.21 7	59083.80	JP_2004_ChuetsuAftershock_02_EW	1.00 0	54240.74	JP_2004_ChuetsuAftershock_02_EW	1.00 0	54240.74	PE_1974_09NOV_02_NS	4.00 0	130568.13
	13	JP_2004_ChuetsuAftershock_02_EW	1.21 5	70404.84	JP_2011_16APR_02_NS	0.59 7	86841.15	US_1986_North Palm Springs_0	0.83 9	77783.37	JP_2004_23OCT_EW	1.09 1	54607.81	JP_2004_23OCT_EW	1.09 1	54607.81	US_1981_Westmorland_180	0.97 8	73388.62
	14	JP_1997_Shizuoca_NS	1.42 3	72494.20	JP_2004_23OCT_EW	1.39 1	87882.30	US_1986_North Palm Springs_90	1.30 7	47545.58	US_1981_Westmorland_90	1.12 1	55306.40	JP_2004_ChuetsuAftershock_02_NS	1.39 4	63859.31	US_1981_Westmorland_90	1.12 1	55306.40
	15	US_1986_North Palm Springs_0	0.83 9	77783.37	JP_2011_16APR_03_NS	0.70 4	88734.92	US_1991_Petrolia_360	1.24 6	45430.17	JP_2004_ChuetsuAftershock_02_NS	1.39 4	63859.31	JP_1997_Shizuoca_NS	1.66 7	64662.02	US_1986_North Palm Springs_90	1.63 6	29034.69
	16	JP_2011_16APR_02_NS	0.59 7	86841.15	JP_2016_Kumamoto_02_NS	1.95 5	97410.55	US_1991_Petrolia_90	1.23 6	40975.67	JP_1997_Shizuoca_NS	1.66 7	64662.02	JP_2019_21FEB_NS	0.97 0	66705.11	US_1991_Petrolia_360	1.51 5	31226.16
	17	JP_2004_23OCT_EW	1.39 1	87882.30	JP_2011_16APR_02_EW	0.96 1	98982.58	US_1991_SierraMadre_0	1.03 1	53520.50	JP_2019_21FEB_NS	0.97 0	66705.11	US_1981_Westmorland_180	0.97 8	73388.62	US_1991_Petrolia_90	1.09 1	32628.30
	18	JP_2011_16APR_03_NS	0.70 4	88734.92	JP_2016_Kumamoto_02_EW	1.35 7	100041.98	US_1991_SierraMadre_90	2.74 7	54921.23	JP_2011_16APR_03_NS	0.88 8	71865.46	JP_2004_25OCT_EW	2.24 2	74766.11	US_1991_SierraMadre_0	0.99 3	52812.44
	19	JP_2016_Kumamoto_02_NS	1.95 5	97410.55	US_2005_Anza_01_90	1.53 7	102465.50	US_2005_Anza_01_90	1.53 7	102465.50	US_1981_Westmorland_180	0.97 8	73388.62	JP_2011_16APR_02_NS	0.72 3	74968.96	US_1991_SierraMadre_90	2.97 0	52515.98
	20	JP_2011_16APR_02_EW	0.96 1	98982.58	US_2005_Anza_02_90	0.99 9	103408.82	US_2005_Anza_02_90	0.99 9	103408.82	JP_2004_25OCT_EW	2.24 2	74766.11	JP_2016_Kumamoto_02_EW	1.09 1	76986.40	US_2005_Anza_02_90	1.09 1	100985.79
RMS E	1	PE_1974_09NOV_01_EW	3.39 2	189.20	PE_1974_09NOV_01_EW	3.39 2	189.20	JP_1996_21DEC_UD	1.61 4	431.09	US_2005_Anza_01_360	3.66 7	157.78	US_2005_Anza_01_360	3.66 7	157.78	JP_1997_Shizuoca_EW	0.82 8	299.35
	2	US_1991_Petrolia_90	1.23 6	202.42	US_1991_Petrolia_90	1.23 6	202.42	JP_2000_Mie_NS	0.43 1	544.36	US_1986_North Palm Springs_90	1.63 6	170.40	US_1986_North Palm Springs_90	1.63 6	170.40	JP_1997_Shizuoca_NS	1.66 7	254.29
	3	US_2005_Anza_01_360	2.90 1	207.98	US_2005_Anza_01_360	2.90 1	207.98	JP_2004_25OCT_EW	1.55 2	332.68	US_1986_North Palm Springs_0	1.27 3	171.66	US_1986_North Palm Springs_0	1.27 3	171.66	JP_2004_ChuetsuAftershock_02_EW	1.00 0	232.90
	4	JP_2019_21FEB_EW	1.27 4	209.82	JP_2019_21FEB_EW	1.27 4	209.82	JP_2004_25OCT_NS	0.63 2	412.59	US_1991_Petrolia_360	1.51 5	176.71	US_1991_Petrolia_360	1.51 5	176.71	JP_2004_ChuetsuAftershock_02_NS	1.39 4	252.70
	5	US_1991_Petrolia_360	1.24 6	213.14	US_1991_Petrolia_360	1.24 6	213.14	JP_2004_ChuetsuAftershock_02_NS	1.48 3	255.52	US_1991_Petrolia_90	1.09 1	180.63	US_1991_Petrolia_90	1.09 1	180.63	JP_2011_16APR_02_EW	1.06 1	310.31
	6	US_1986_North Palm Springs_90	1.30 7	218.05	US_1986_North Palm Springs_90	1.30 7	218.05	JP_2011_16APR_02_EW	0.96 1	314.61	PE_1974_09NOV_01_EW	3.42 4	189.08	PE_1974_09NOV_01_EW	3.42 4	189.08	JP_2011_16APR_02_NS	0.72 3	273.80
	7	US_1991_SierraMadre_0	1.03 1	231.34	US_1991_SierraMadre_0	1.03 1	231.34	JP_2011_16APR_02_NS	0.59 7	294.69	JP_2019_21FEB_EW	1.27 3	209.81	JP_2019_21FEB_EW	1.27 3	209.81	JP_2011_16APR_03_EW	1.57 6	418.67
	8	US_1991_SierraMadre_90	2.74 7	234.35	JP_2004_23OCT_NS	2.46 5	241.36	JP_2011_16APR_03_NS	0.70 4	297.88	JP_2004_23OCT_NS	2.09 1	211.40	JP_2004_23OCT_NS	2.09 1	211.40	JP_2019_21FEB_EW	1.27 3	209.81
	9	JP_2004_23OCT_NS	2.46 5	241.36	JP_2004_ChuetsuAftershock_02_NS	1.48 3	255.52	PE_1974_09NOV_01_EW	3.39 2	189.20	US_1991_SierraMadre_90	2.97 0	229.16	US_1991_SierraMadre_90	2.97 0	229.16	PE_1974_09NOV_01_EW	3.42 4	189.08
	10	US_1981_Westmorland_90	1.21 7	243.07	JP_2004_ChuetsuAftershock_02_EW	1.21 5	265.34	PE_1974_09NOV_01_NS	3.86 3	243.86	US_1991_SierraMadre_0	0.99 3	229.81	US_1991_SierraMadre_0	0.99 3	229.81	PE_1974_09NOV_01_NS	4.00 0	232.06
	11	PE_1974_09NOV_01_NS	3.86 3	243.86	JP_1997_Shizuoca_NS	1.42 3	269.25	US_1981_Westmorland_180	1.35 0	361.00	PE_1974_09NOV_01_NS	4.00 0	232.06	PE_1974_09NOV_01_NS	4.00 0	232.06	PE_1974_09NOV_02_EW	4.00 0	437.89
	12	JP_2004_ChuetsuAftershock_02_NS	1.48 3	255.52	US_1986_North Palm Springs_0	0.83 9	278.90	US_1981_Westmorland_90	1.21 7	243.07	JP_2004_ChuetsuAftershock_02_EW	1.00 0	232.90	JP_2004_ChuetsuAftershock_02_EW	1.00 0	232.90	PE_1974_09NOV_02_NS	4.00 0	361.34
	13	JP_2004_ChuetsuAftershock_02_EW	1.21 5	265.34	JP_2011_16APR_02_NS	0.59 7	294.69	US_1986_North Palm Springs_0	0.83 9	278.90	JP_2004_23OCT_EW	1.09 1	233.68	JP_2004_23OCT_EW	1.09 1	233.68	US_1981_Westmorland_180	0.97 8	270.90
	14	JP_1997_Shizuoca_NS	1.42 3	269.25	JP_2004_23OCT_EW	1.39 1	296.45	US_1986_North Palm Springs_90	1.30 7	218.05	US_1981_Westmorland_90	1.12 1	235.17	JP_2004_ChuetsuAftershock_02_NS	1.39 4	252.70	US_1981_Westmorland_90	1.12 1	235.17
	15	US_1986_North Palm Springs_0	0.83 9	278.90	JP_2011_16APR_03_NS	0.70 4	297.88	US_1991_Petrolia_360	1.24 6	213.14	JP_2004_ChuetsuAftershock_02_NS	1.39 4	252.70	JP_1997_Shizuoca_NS	1.66 7	254.29	US_1986_North Palm Springs_90	1.63 6	170.40
	16	JP_2011_16APR_02_NS	0.59 7	294.69	JP_2016_Kumamoto_02_NS	1.95 5	312.11	US_1991_Petrolia_90	1.23 6	202.42	JP_1997_Shizuoca_NS	1.66 7	254.29	JP_2019_21FEB_NS	0.97 0	258.27	US_1991_Petrolia_360	1.51 5	176.71
	17	JP_2004_23OCT_EW	1.39 1	296.45	JP_2011_16APR_02_EW	0.96 1	314.61	US_1991_SierraMadre_0	1.03 1	231.34	JP_2019_21FEB_NS	0.97 0	258.27	US_1981_Westmorland_180	0.97 8	270.90	US_1991_Petrolia_90	1.09 1	180.63
	18	JP_2011_16APR_03_NS	0.70 4	297.88	JP_2016_Kumamoto_02_EW	1.35 7	316.29	US_1991_SierraMadre_90	2.74 7	234.35	JP_2011_16APR_03_NS	0.88 8	268.08	JP_2004_25OCT_EW	2.24 2	273.43	US_1991_SierraMadre_0	0.99 3	229.81
	19	JP_2016_Kumamoto_02_NS	1.95 5	312.11	US_2005_Anza_01_90	1.53 7	320.10	US_2005_Anza_01_90	1.53 7	320.10	US_1981_Westmorland_180	0.97 8	270.90	JP_2011_16APR_02_NS	0.72 3	273.80	US_1991_SierraMadre_90	2.97 0	229.16
	20	JP_2011_16APR_02_EW	0.96 1	314.61	US_2005_Anza_02_90	0.99 9	321.57	US_2005_Anza_02_90	0.99 9	321.57	JP_2004_25OCT_EW	2.24 2	273.43	JP_2016_Kumamoto_02_EW	1.09 1	277.46	US_2005_Anza_02_90	1.09 1	317.78

REGISTROS SELECCIONADOS CASO Ymr-II T=0.16s - TSemc-tr-475																			
Caso:		TSemc-tr-475_NSp_Sbs			TSemc-tr-475_NSp_Sci			TSemc-tr-475_NSp_Ssr			TSemc-tr-475_NSr_Sbs			TSemc-tr-475_NSr_Sci			TSemc-tr-475_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2012_30AGO_EW	0.32 2	42.03	JP_1996_21DEC_UD	1.17 9	74.70	JP_1996_21DEC_UD	1.17 9	74.70	JP_2012_30AGO_EW	0.32 5	42.17	US_2005_Anza_02_360	0.37 8	59.34	JP_1996_21DEC_EW	0.25 0	94.61
	2	JP_2000_Mie_NS	0.31 5	52.00	JP_2004_25OCT_NS	0.46 2	83.00	JP_2004_23OCT_NS	1.80 0	413.54	JP_2000_Mie_NS	0.32 5	51.85	JP_2004_25OCT_NS	0.30 3	61.60	JP_1996_Nagano_NS	0.27 3	109.94
	3	JP_2000_Mie_EW	1.23 9	68.27	JP_2011_16APR_01_EW	1.14 2	86.37	JP_2004_25OCT_EW	1.13 3	137.17	JP_2000_Mie_EW	0.99 3	52.97	JP_2011_16APR_01_EW	0.68 5	62.48	JP_2004_23OCT_NS	0.25 0	144.16
	4	JP_1996_21DEC_UD	1.17 9	74.70	JP_2004_25OCT_EW	1.13 3	137.17	JP_2004_ChuetasuAftershock_02_EW	0.88 7	418.42	JP_1996_21DEC_UD	0.88 0	53.51	JP_2016_Kumamoto_02_NS	0.70 8	66.85	JP_2004_25OCT_EW	0.51 3	92.52
	5	JP_2004_25OCT_NS	0.46 2	83.00	US_2005_Anza_01_90	1.12 2	156.23	JP_2004_ChuetasuAftershock_02_NS	1.08 3	333.83	US_2005_Anza_02_360	0.37 8	59.34	JP_2011_16APR_03_NS	0.25 0	72.47	JP_2004_25OCT_NS	0.30 3	61.60
	6	US_2005_Anza_02_360	0.56 2	84.56	JP_2012_30AGO_NS	1.04 2	172.88	JP_2011_16APR_01_EW	1.14 2	86.37	JP_2004_25OCT_NS	0.30 3	61.60	US_2005_Anza_01_90	0.70 0	76.70	JP_2004_ChuetasuAftershock_02_EW	0.25 0	172.01
	7	JP_2011_16APR_01_EW	1.14 2	86.37	JP_2016_Kumamoto_02_NS	1.42 8	173.83	JP_2011_16APR_02_EW	0.70 2	205.06	JP_2011_16APR_01_EW	0.68 5	62.48	JP_2011_16APR_02_EW	0.28 0	77.60	JP_2011_16APR_02_EW	0.28 0	77.60
	8	JP_2011_16APR_01_NS	0.71 9	101.25	US_1986_North Palm Springs_0	0.61 3	178.83	JP_2011_16APR_02_NS	0.43 6	194.92	JP_2011_16APR_01_NS	0.43 0	65.25	JP_2004_25OCT_EW	0.51 3	92.52	JP_2011_16APR_02_NS	0.25 0	93.87
	9	JP_2004_25OCT_EW	1.13 3	137.17	JP_2011_16APR_03_NS	0.51 4	188.68	JP_2011_16APR_03_NS	0.51 4	188.68	JP_2016_Kumamoto_02_NS	0.70 8	66.85	JP_2011_16APR_02_NS	0.25 0	93.87	JP_2011_16APR_03_NS	0.25 0	72.47
	10	US_2005_Anza_01_90	1.12 2	156.23	JP_2011_16APR_02_NS	0.43 6	194.92	PE_1974_09NOV_01_EW	2.47 7	327.61	JP_2011_16APR_03_NS	0.25 0	72.47	JP_1996_21DEC_EW	0.25 0	94.61	JP_2016_Kumamoto_02_NS	0.70 8	66.85
	11	JP_2012_30AGO_NS	1.04 2	172.88	US_2005_Anza_02_90	0.73 0	198.89	PE_1974_09NOV_01_NS	2.82 2	212.30	US_2005_Anza_01_90	0.70 0	76.70	US_1991_Petrolia_360	0.40 0	97.23	JP_2019_21FEB_EW	0.25 0	133.62
	12	JP_2016_Kumamoto_02_NS	1.42 8	173.83	JP_2011_16APR_02_EW	0.70 2	205.06	US_1981_Westmorland_180	0.98 6	510.99	JP_2011_16APR_02_EW	0.28 0	77.60	JP_1997_Shizuoca_NS	0.38 5	98.52	PE_1974_09NOV_01_EW	0.37 8	134.71
	13	US_1986_North Palm Springs_0	0.61 3	178.83	JP_1997_Shizuoca_NS	1.04 0	219.38	US_1986_North Palm Springs_0	0.61 3	178.83	JP_2012_30AGO_NS	0.47 5	78.09	US_2005_Anza_01_360	1.00 0	109.04	PE_1974_09NOV_01_NS	0.77 5	127.79
	14	JP_2011_16APR_03_NS	0.51 4	188.68	US_1986_North Palm Springs_90	0.95 4	228.23	US_1986_North Palm Springs_90	0.95 4	228.23	US_2005_Anza_02_90	0.25 0	79.67	PE_1974_09NOV_02_NS	1.21 2	121.51	US_1981_Westmorland_180	0.25 0	168.52
	15	JP_2011_16APR_02_NS	0.43 6	194.92	US_2005_Anza_01_360	2.11 9	235.72	US_1991_Petrolia_90	0.90 2	416.27	JP_2011_16APR_03_EW	0.43 8	82.07	PE_1974_09NOV_02_EW	1.90 9	122.68	US_1981_Westmorland_90	0.25 0	165.23
	16	US_2005_Anza_02_90	0.73 0	198.89	US_1991_Petrolia_360	0.91 0	246.52	US_1991_SierraMadre_0	0.75 3	305.89	JP_2004_25OCT_EW	0.51 3	92.52	US_1991_SierraMadre_90	0.60 3	122.84	US_1986_North Palm Springs_0	0.25 0	130.24
	17	JP_2011_16APR_02_EW	0.70 2	205.06	US_1991_SierraMadre_0	0.75 3	305.89	US_1991_SierraMadre_90	2.00 6	263.17	JP_2011_16APR_02_NS	0.25 0	93.87	PE_1974_09NOV_01_NS	0.77 5	127.79	US_1991_Petrolia_90	0.25 0	135.05
	18	PE_1974_09NOV_01_NS	2.82 0	212.30	JP_2019_21FEB_EW	0.93 0	308.06	US_2005_Anza_01_360	2.11 9	235.72	JP_1996_21DEC_EW	0.25 0	94.61	US_1986_North Palm Springs_90	0.25 8	128.12	US_1991_SierraMadre_90	0.60 3	122.84
	19	JP_1997_Shizuoca_NS	1.04 0	219.38	PE_1974_09NOV_01_EW	2.47 7	327.61	US_2005_Anza_01_90	1.12 2	156.23	US_1991_Petrolia_360	0.40 0	97.23	JP_2016_Kumamoto_02_EW	0.25 0	129.29	US_2005_Anza_02_360	0.37 8	59.34
	20	US_1986_North Palm Springs_90	0.95 4	228.23	JP_2004_ChuetasuAftershock_02_NS	1.08 3	333.83	US_2005_Anza_02_90	0.73 0	198.89	JP_1997_Shizuoca_NS	0.38 5	98.52	US_1986_North Palm Springs_0	0.25 0	130.24	US_2005_Anza_02_90	0.25 0	79.67
MAP E	1	JP_2000_Mie_NS	0.31 5	185.33	US_2005_Anza_02_90	0.73 0	493.91	JP_1996_21DEC_UD	1.17 9	2076.33	JP_2000_Mie_EW	0.25 0	101.88	US_2005_Anza_02_90	0.25 0	130.37	JP_1996_Nagano_NS	0.25 0	405.49
	2	JP_2000_Mie_EW	1.23 9	301.90	JP_2004_25OCT_NS	0.46 2	568.34	JP_2004_23OCT_NS	1.80 0	3205.12	PE_1974_09NOV_02_EW	0.25 0	111.20	US_1991_SierraMadre_90	0.25 0	134.67	JP_2000_Mie_EW	0.25 0	101.88
	3	JP_2012_30AGO_EW	0.32 2	305.48	JP_2011_16APR_02_EW	0.70 2	681.45	JP_2004_25OCT_EW	1.13 3	720.42	US_2005_Anza_02_90	0.25 0	130.37	JP_2004_25OCT_EW	0.25 0	137.62	JP_2004_23OCT_NS	0.25 0	415.84
	4	US_2005_Anza_02_360	0.56 2	363.21	JP_2011_16APR_02_NS	0.43 6	702.86	JP_2004_ChuetasuAftershock_02_EW	0.88 7	2637.45	US_1991_SierraMadre_90	0.25 0	134.67	US_2005_Anza_02_360	0.25 0	142.30	JP_2004_25OCT_EW	0.25 0	137.62
	5	JP_2011_16APR_01_NS	0.71 9	477.93	JP_2004_25OCT_EW	1.13 3	720.42	JP_2004_ChuetasuAftershock_02_NS	1.08 3	1896.02	JP_2004_25OCT_EW	0.25 0	137.62	US_2005_Anza_01_90	0.25 0	144.04	JP_2004_ChuetasuAftershock_02_EW	0.25 0	712.56
	6	US_2005_Anza_02_90	0.73 0	493.91	US_2005_Anza_01_90	1.12 2	757.36	JP_2011_16APR_01_EW	1.14 2	824.30	US_2005_Anza_02_360	0.25 0	142.30	JP_2011_16APR_03_EW	0.25 0	166.29	JP_2004_ChuetasuAftershock_02_NS	0.25 0	410.23
	7	JP_2004_25OCT_NS	0.46 2	568.34	JP_2011_16APR_01_EW	1.14 2	824.30	JP_2011_16APR_02_EW	0.70 2	681.45	US_2005_Anza_01_90	0.25 0	144.04	US_2005_Anza_01_360	0.25 0	166.34	JP_2011_16APR_01_EW	0.25 0	188.31
	8	JP_2011_16APR_02_EW	0.70 2	681.45	JP_1997_Shizuoca_NS	1.04 0	872.19	JP_2011_16APR_02_NS	0.43 6	702.86	PE_1974_09NOV_01_NS	0.25 0	147.92	JP_1997_Shizuoca_NS	0.25 0	178.18	JP_2011_16APR_01_NS	0.25 0	153.26
	9	JP_2011_16APR_02_NS	0.43 6	702.86	JP_2011_16APR_03_NS	0.51 4	957.41	JP_2011_16APR_03_NS	0.51 4	957.41	JP_2000_Mie_NS	0.25 0	152.14	JP_2011_16APR_01_EW	0.25 0	188.31	JP_2011_16APR_02_EW	0.25 0	206.11

	1 0	JP_2004_25OCT_EW	1.13 3	720.42	JP_2012_30AGO_NS	1.04 2	1509.48	PE_1974_09NOV_01_EW	2.47 7	2808.98	JP_2011_16APR_01_NS	0.25 0	153.26	JP_2011_16APR_02_EW	0.25 0	206.11	JP_2011_16APR_03_EW	0.25 0	166.29
	1 1	US_2005_Anza_01_90	1.12 2	757.36	US_2005_Anza_01_360	2.11 9	1567.90	PE_1974_09NOV_01_NS	2.82 2	1751.29	JP_2011_16APR_03_EW	0.25 0	166.29	PE_1974_09NOV_01_EW	0.25 0	264.55	JP_2016_Kumamoto_02_NS	0.25 0	275.56
	1 2	JP_1996_21DEC_EW	0.90 4	814.14	JP_2016_Kumamoto_02_NS	1.42 8	1671.48	US_1981_Westmorland_180	0.98 6	5233.90	US_2005_Anza_01_360	0.25 0	166.34	JP_2016_Kumamoto_02_NS	0.25 0	275.56	JP_2019_21FEB_EW	0.25 0	439.51
	1 3	JP_2011_16APR_01_EW	1.14 2	824.30	JP_2016_Kumamoto_02_EW	0.99 1	1706.89	US_1986_North Palm Springs_0	0.61 3	2293.25	PE_1974_09NOV_02_NS	0.25 0	166.61	JP_2004_25OCT_NS	0.25 0	285.12	PE_1974_09NOV_01_EW	0.25 0	264.55
	1 4	JP_1997_Shizuoca_NS	1.04 0	872.19	JP_2019_21FEB_EW	0.93 0	1755.51	US_1986_North Palm Springs_90	0.95 4	1863.67	JP_1997_Shizuoca_NS	0.25 0	178.18	JP_2012_30AGO_NS	0.25 0	356.33	PE_1974_09NOV_01_NS	0.25 0	147.92
	1 5	JP_2011_16APR_03_NS	0.51 4	957.41	US_1991_Petrolia_360	0.91 0	1772.53	US_1991_Petrolia_90	0.90 2	2668.97	JP_1996_21DEC_EW	0.25 0	184.41	JP_2011_16APR_02_NS	0.25 0	370.80	PE_1974_09NOV_02_EW	0.25 0	111.20
	1 6	US_1991_SierraMadre_90	2.00 6	1237.61	US_1986_North Palm Springs_90	0.95 4	1863.67	US_1991_SierraMadre_0	0.75 3	2566.95	JP_2011_16APR_01_EW	0.25 0	188.31	JP_2016_Kumamoto_02_EW	0.25 0	392.08	US_1981_Westmorland_180	0.25 0	1290.94
	1 7	JP_2011_16APR_03_EW	1.64 3	1270.88	JP_2004_ChuetsuAftershock_02_NS	1.08 3	1896.02	US_1991_SierraMadre_90	2.00 6	1237.61	JP_2011_16APR_02_EW	0.25 0	206.11	JP_1996_Nagano_NS	0.25 0	405.49	US_1986_North Palm Springs_0	0.25 0	914.18
	1 8	JP_2012_30AGO_NS	1.04 2	1509.48	JP_2019_21FEB_NS	0.98 3	2074.27	US_2005_Anza_01_360	2.11 9	1567.90	JP_2012_30AGO_EW	0.25 0	247.15	JP_2004_ChuetsuAftershock_02_NS	0.25 0	410.23	US_1991_SierraMadre_90	0.25 0	134.67
	1 9	US_2005_Anza_01_360	2.11 9	1567.90	JP_1996_21DEC_UD	1.17 9	2076.33	US_2005_Anza_01_90	1.12 2	757.36	PE_1974_09NOV_01_EW	0.25 0	264.55	JP_2004_23OCT_NS	0.25 0	415.84	US_2005_Anza_01_360	0.25 0	166.34
	2 0	JP_2016_Kumamoto_02_NS	1.42 8	1671.48	US_1986_North Palm Springs_0	0.61 3	2293.25	US_2005_Anza_02_90	0.73 0	493.91	JP_2016_Kumamoto_02_NS	0.25 0	275.56	JP_2011_16APR_03_NS	0.25 0	426.24	US_2005_Anza_01_90	0.25 0	144.04
MSE	1	JP_2012_30AGO_EW	0.32 2	4379.68	JP_2004_25OCT_NS	0.46 2	11453.05	JP_1996_21DEC_UD	1.17 9	12428.21	JP_2012_30AGO_EW	0.31 8	4342.97	JP_2004_25OCT_NS	0.37 0	7019.59	JP_1996_21DEC_EW	0.28 0	28229.83
	2	JP_2000_Mie_NS	0.31 5	6754.94	JP_1996_21DEC_UD	1.17 9	12428.21	JP_2004_23OCT_NS	1.80 0	293544.18	JP_1996_21DEC_UD	0.90 3	5772.88	JP_2016_Kumamoto_02_NS	0.82 8	9130.02	JP_1997_Shizuoca_NS	0.49 0	20478.84
	3	US_2005_Anza_02_360	0.56 2	11377.43	JP_2011_16APR_01_EW	1.14 2	25165.04	JP_2004_25OCT_EW	1.13 3	35429.64	US_2005_Anza_02_360	0.43 8	5842.83	JP_2011_16APR_01_EW	0.77 5	10197.52	JP_2004_23OCT_NS	0.47 5	42669.03
	4	JP_2004_25OCT_NS	0.46 2	11453.05	JP_2004_25OCT_EW	1.13 3	35429.64	JP_2004_ChuetsuAftershock_02_EW	0.88 7	306881.61	JP_2000_Mie_NS	0.34 0	6433.56	US_2005_Anza_01_90	0.67 8	10494.63	JP_2004_25OCT_NS	0.37 0	7019.59
	5	JP_1996_21DEC_UD	1.17 9	12428.21	US_2005_Anza_01_90	1.12 2	37635.94	JP_2004_ChuetsuAftershock_02_NS	1.08 3	210998.22	JP_2004_25OCT_NS	0.37 0	7019.59	JP_2011_16APR_02_NS	0.25 0	14058.96	JP_2004_ChuetsuAftershock_02_EW	0.25 0	46364.18
	6	JP_2000_Mie_EW	1.23 9	21925.27	JP_2016_Kumamoto_02_NS	1.42 8	43064.27	JP_2011_16APR_01_EW	1.14 2	25165.04	JP_2016_Kumamoto_02_NS	0.82 8	9130.02	JP_2011_16APR_02_EW	0.34 0	14415.76	JP_2011_16APR_01_EW	0.77 5	10197.52
	7	JP_2011_16APR_01_EW	1.14 2	25165.04	US_1986_North Palm Springs_0	0.61 3	45899.25	JP_2011_16APR_02_EW	0.70 2	82962.62	JP_2011_16APR_01_EW	0.77 5	10197.52	JP_2004_25OCT_EW	0.71 5	14963.74	JP_2011_16APR_02_EW	0.34 0	14415.76
	8	JP_2004_25OCT_EW	1.13 3	35429.64	JP_2011_16APR_03_NS	0.51 4	53131.18	JP_2011_16APR_02_NS	0.43 6	64595.28	JP_2000_Mie_EW	0.87 3	10300.34	US_1991_Petrolia_360	0.44 5	17147.67	JP_2011_16APR_02_NS	0.25 0	14058.96
	9	US_2005_Anza_01_90	1.12 2	37635.94	JP_2011_16APR_02_NS	0.43 6	64595.28	JP_2011_16APR_03_NS	0.51 4	53131.18	US_2005_Anza_01_90	0.67 8	10494.63	US_2005_Anza_01_360	1.06 1	19450.49	JP_2011_16APR_03_NS	0.28 8	11698.49
	1 0	JP_2016_Kumamoto_02_NS	1.42 8	43064.27	US_2005_Anza_01_360	2.11 9	77686.90	PE_1974_09NOV_01_EW	2.47 7	175760.95	JP_2011_16APR_03_NS	0.28 8	11698.49	JP_1997_Shizuoca_NS	0.49 0	20478.84	JP_2019_21FEB_EW	0.33 3	32447.14
	1 1	US_1986_North Palm Springs_0	0.61 3	45899.25	US_1991_Petrolia_360	0.91 0	80464.24	PE_1974_09NOV_01_NS	2.82 2	72299.91	JP_2011_16APR_02_NS	0.25 0	14058.96	US_1986_North Palm Springs_90	0.45 3	26815.59	PE_1974_09NOV_01_EW	0.85 8	35713.18
	1 2	JP_2011_16APR_03_NS	0.51 4	53131.18	US_2005_Anza_02_90	0.73 0	80483.70	US_1981_Westmorland_180	0.98 6	395409.43	JP_2011_16APR_02_EW	0.34 0	14415.76	US_1991_SierraMadre_90	0.83 5	26817.81	PE_1974_09NOV_01_NS	1.42 4	27350.78
	1 3	JP_2011_16APR_02_NS	0.43 6	64595.28	JP_2011_16APR_02_EW	0.70 2	82962.62	US_1986_North Palm Springs_0	0.61 3	45899.25	JP_2004_25OCT_EW	0.71 5	14963.74	PE_1974_09NOV_02_EW	2.84 8	26910.68	PE_1974_09NOV_02_EW	2.84 8	26910.68
	1 4	JP_2011_16APR_01_NS	0.71 9	65705.92	US_1986_North Palm Springs_90	0.95 4	86866.23	US_1986_North Palm Springs_90	0.95 4	86866.23	US_2005_Anza_02_90	0.35 5	15766.50	PE_1974_09NOV_01_NS	1.42 4	27350.78	US_1981_Westmorland_180	0.25 0	47528.99
	1 5	PE_1974_09NOV_01_NS	2.82 2	72299.91	JP_1997_Shizuoca_NS	1.04 0	88457.29	US_1991_Petrolia_90	0.90 2	253107.92	US_1991_Petrolia_360	0.44 5	17147.67	JP_1996_21DEC_EW	0.28 0	28229.83	US_1981_Westmorland_90	0.28 0	41120.08
	1 6	US_2005_Anza_01_360	2.11 9	77686.90	JP_2012_30AGO_NS	1.04 2	114007.41	US_1991_SierraMadre_0	0.75 3	187435.39	JP_2011_16APR_01_NS	0.37 8	17974.73	PE_1974_09NOV_02_NS	2.06 1	28353.44	US_1986_North Palm Springs_0	0.37 0	22379.91
	1 7	US_1991_Petrolia_360	0.91 0	80464.24	JP_2019_21FEB_EW	0.93 0	172553.49	US_1991_SierraMadre_90	2.00 6	122305.72	US_2005_Anza_01_360	1.06 1	19450.49	JP_2019_21FEB_EW	0.33 3	32447.14	US_1986_North Palm Springs_90	0.45 3	26815.59
	1 8	US_2005_Anza_02_90	0.73 0	80483.70	PE_1974_09NOV_01_EW	2.47 7	175760.95	US_2005_Anza_01_360	2.11 9	77686.90	JP_2012_30AGO_NS	0.45 3	19523.49	US_1991_Petrolia_90	0.27 3	34988.38	US_1991_Petrolia_90	0.27 3	34988.38
	1 9	JP_2011_16APR_02_EW	0.70 2	82962.62	US_1991_SierraMadre_0	0.75 3	187435.39	US_2005_Anza_01_90	1.12 2	37635.94	JP_1997_Shizuoca_NS	0.49 0	20478.84	US_1991_SierraMadre_0	0.25 8	35070.49	US_1991_SierraMadre_90	0.83 5	26817.81
	2 0	US_1986_North Palm Springs_90	0.95 4	86866.23	JP_2004_ChuetsuAftershock_02_NS	1.08 3	210998.22	US_2005_Anza_02_90	0.73 0	80483.70	US_1986_North Palm Springs_0	0.37 0	22379.91	PE_1974_09NOV_01_EW	0.85 8	35713.18	US_2005_Anza_02_360	0.43 8	5842.83
RMS E	1	JP_2012_30AGO_EW	0.32 2	66.18	JP_2004_25OCT_NS	0.46 2	107.02	JP_1996_21DEC_UD	1.17 9	111.48	JP_2012_30AGO_EW	0.31 8	65.90	JP_2004_25OCT_NS	0.37 0	83.78	JP_1996_21DEC_EW	0.28 0	168.02
	2	JP_2000_Mie_NS	0.31 5	82.19	JP_1996_21DEC_UD	1.17 9	111.48	JP_2004_23OCT_NS	1.80 0	541.80	JP_1996_21DEC_UD	0.90 3	75.98	JP_2016_Kumamoto_02_NS	0.82 8	95.55	JP_1997_Shizuoca_NS	0.49 0	143.10
	3	US_2005_Anza_02_360	0.56 2	106.67	JP_2011_16APR_01_EW	1.14 2	158.63	JP_2004_25OCT_EW	1.13 3	188.23	US_2005_Anza_02_360	0.43 8	76.44	JP_2011_16APR_01_EW	0.77 5	100.98	JP_2004_23OCT_NS	0.47 5	206.56
	4	JP_2004_25OCT_NS	0.46 2	107.02	JP_2004_25OCT_EW	1.13 3	188.23	JP_2004_ChuetsuAftershock_02_EW	0.88 7	553.97	JP_2000_Mie_NS	0.34 0	80.21	US_2005_Anza_01_90	0.67 8	102.44	JP_2004_25OCT_NS	0.37 0	83.78
	5	JP_1996_21DEC_UD	1.17 9	111.48	US_2005_Anza_01_90	1.12 2	194.00	JP_2004_ChuetsuAftershock_02_NS	1.08 3	459.35	JP_2004_25OCT_NS	0.37 0	83.78	JP_2011_16APR_02_NS	0.25 0	118.57	JP_2004_ChuetsuAftershock_02_EW	0.25 0	215.32
	6	JP_2000_Mie_EW	1.23 9	148.07	JP_2016_Kumamoto_02_NS	1.42 8	207.52	JP_2011_16APR_01_EW	1.14 2	158.63	JP_2016_Kumamoto_02_NS	0.82 8	95.55	JP_2011_16APR_02_EW	0.34 0	120.07	JP_2011_16APR_01_EW	0.77 5	100.98
	7	JP_2011_16APR_01_EW	1.14 2	158.63	US_1986_North Palm Springs_0	0.61 3	214.24	JP_2011_16APR_02_EW	0.70 2	288.03	JP_2011_16APR_01_EW	0.77 5	100.98	JP_2004_25OCT_EW	0.71 5	122.33	JP_2011_16APR_02_EW	0.34 0	120.07
	8	JP_2004_25OCT_EW	1.13 3	188.23	JP_2011_16APR_03_NS	0.51 4	230.50	JP_2011_16APR_02_NS	0.43 6	254.16	JP_2000_Mie_EW	0.87 3	101.49	US_1991_Petrolia_360	0.44 5	130.95	JP_2011_16APR_02_NS	0.25 0	118.57

	9	US_2005_Anza_01_90	1.12 2	194.00	JP_2011_16APR_02_NS	0.43 6	254.16	JP_2011_16APR_03_NS	0.51 4	230.50	US_2005_Anza_01_90	0.67 8	102.44	US_2005_Anza_01_360	1.06 1	139.47	JP_2011_16APR_03_NS	0.28 8	108.16
	10	JP_2016_Kumamoto_02_NS	1.42 8	207.52	US_2005_Anza_01_360	2.11 9	278.72	PE_1974_09NOV_01_EW	2.47 7	419.24	JP_2011_16APR_03_NS	0.28 8	108.16	JP_1997_Shizuoca_NS	0.49 0	143.10	JP_2019_21FEB_EW	0.33 3	180.13
	11	US_1986_North Palm Springs_0	0.61 3	214.24	US_1991_Petrolia_360	0.91 0	283.66	PE_1974_09NOV_01_NS	2.82 2	268.89	JP_2011_16APR_02_NS	0.25 0	118.57	US_1986_North Palm Springs_90	0.45 3	163.75	PE_1974_09NOV_01_EW	0.85 8	188.98
	12	JP_2011_16APR_03_NS	0.51 4	230.50	US_2005_Anza_02_90	0.73 0	283.70	US_1981_Westmorland_180	0.98 6	628.82	JP_2011_16APR_02_EW	0.34 0	120.07	US_1991_SierraMadre_90	0.83 5	163.76	PE_1974_09NOV_01_NS	1.42 4	165.38
	13	JP_2011_16APR_02_NS	0.43 6	254.16	JP_2011_16APR_02_EW	0.70 2	288.03	US_1986_North Palm Springs_0	0.61 3	214.24	JP_2004_25OCT_EW	0.71 5	122.33	PE_1974_09NOV_02_EW	2.84 8	164.04	PE_1974_09NOV_02_EW	2.84 8	164.04
	14	JP_2011_16APR_01_NS	0.71 9	256.33	US_1986_North Palm Springs_90	0.95 4	294.73	US_1986_North Palm Springs_90	0.95 4	294.73	US_2005_Anza_02_90	0.35 5	125.56	PE_1974_09NOV_01_NS	1.42 4	165.38	US_1981_Westmorland_180	0.25 0	218.01
	15	PE_1974_09NOV_01_NS	2.82 2	268.89	JP_1997_Shizuoca_NS	1.04 0	297.42	US_1991_Petrolia_90	0.90 2	503.10	US_1991_Petrolia_360	0.44 5	130.95	JP_1996_21DEC_EW	0.28 0	168.02	US_1981_Westmorland_90	0.28 0	202.78
	16	US_2005_Anza_01_360	2.11 9	278.72	JP_2012_30AGO_NS	1.04 2	337.65	US_1991_SierraMadre_0	0.75 3	432.94	JP_2011_16APR_01_NS	0.37 8	134.07	PE_1974_09NOV_02_NS	2.06 1	168.38	US_1986_North Palm Springs_0	0.37 0	149.60
	17	US_1991_Petrolia_360	0.91 0	283.66	JP_2019_21FEB_EW	0.93 0	415.40	US_1991_SierraMadre_90	2.00 6	349.72	US_2005_Anza_01_360	1.06 1	139.47	JP_2019_21FEB_EW	0.33 3	180.13	US_1986_North Palm Springs_90	0.45 3	163.75
	18	US_2005_Anza_02_90	0.73 0	283.70	PE_1974_09NOV_01_EW	2.47 7	419.24	US_2005_Anza_01_360	2.11 9	278.72	JP_2012_30AGO_NS	0.45 3	139.73	US_1991_Petrolia_90	0.27 3	187.05	US_1991_Petrolia_90	0.27 3	187.05
	19	JP_2011_16APR_02_EW	0.70 2	288.03	US_1991_SierraMadre_0	0.75 3	432.94	US_2005_Anza_01_90	1.12 2	194.00	JP_1997_Shizuoca_NS	0.49 0	143.10	US_1991_SierraMadre_0	0.25 8	187.27	US_1991_SierraMadre_90	0.83 5	163.76
	20	US_1986_North Palm Springs_90	0.95 4	294.73	JP_2004_Chuet-suAfter-shock_02_NS	1.08 3	459.35	US_2005_Anza_02_90	0.73 0	283.70	US_1986_North Palm Springs_0	0.37 0	149.60	PE_1974_09NOV_01_EW	0.85 8	188.98	US_2005_Anza_02_360	0.43 8	76.44

REGISTROS SELECCIONADOS CASO Ymr-II T=0.16s - TSemc-tr-975																			
Caso:		TSemc-tr-975_NSp_Sbs			TSemc-tr-975_NSp_Sci			TSemc-tr-975_NSp_Ssr			TSemc-tr-975_NSr_Sbs			TSemc-tr-975_NSr_Sci			TSemc-tr-975_NSr_Ssr		
ME	Nº	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME	REGISTRO	FN	ME
MAE	1	JP_2012_30AGO_EW	0.40 7	50.24	JP_1996_21DEC_UD	1.49 2	98.17	JP_1996_21DEC_UD	1.49 2	98.17	JP_2012_30AGO_EW	0.40 8	50.27	US_2005_Anza_02_360	0.47 5	76.26	JP_1996_21DEC_EW	0.25 0	116.76
	2	JP_2000_Mie_NS	0.39 8	61.88	JP_2004_25OCT_NS	0.58 4	108.58	JP_2000_Mie_NS	0.39 8	61.88	JP_2000_Mie_NS	0.40 0	61.91	JP_2011_16APR_01_EW	0.84 3	79.01	JP_1996_Nagano_NS	0.34 0	136.51
	3	JP_2000_Mie_EW	1.56 8	87.80	JP_2011_16APR_01_EW	1.44 5	113.52	JP_2004_25OCT_EW	1.43 4	177.60	JP_2000_Mie_EW	1.24 2	65.71	JP_2004_25OCT_NS	0.37 0	79.47	JP_2004_23OCT_EW	0.25 0	200.49
	4	JP_1996_21DEC_UD	1.49 2	98.17	JP_2004_25OCT_EW	1.43 4	177.60	JP_2004_25OCT_NS	0.58 4	108.58	JP_1996_21DEC_UD	1.09 1	68.28	JP_2016_Kumamoto_02_NS	0.88 0	85.27	JP_2004_23OCT_NS	0.27 3	179.64
	5	JP_2004_25OCT_NS	0.58 4	108.58	US_2005_Anza_01_90	1.42 0	203.58	JP_2004_Chuet-suAfter-shock_02_NS	1.37 0	428.33	US_2005_Anza_02_360	0.47 5	76.26	JP_2011_16APR_03_NS	0.29 5	92.17	JP_2004_25OCT_NS	0.37 0	79.47
	6	US_2005_Anza_02_360	0.71 2	111.11	JP_2012_30AGO_NS	1.31 8	224.64	JP_2011_16APR_01_EW	1.44 5	113.52	JP_2011_16APR_01_EW	0.84 3	79.01	US_2005_Anza_01_90	0.86 5	97.97	JP_2004_Chuet-suAfter-shock_02_EW	0.25 0	202.91
	7	JP_2011_16APR_01_EW	1.44 5	113.52	JP_2016_Kumamoto_02_NS	1.80 7	225.84	JP_2011_16APR_02_EW	0.88 8	265.37	JP_2004_25OCT_NS	0.37 0	79.47	JP_2011_16APR_02_EW	0.34 8	98.64	JP_2004_Chuet-suAfter-shock_02_NS	0.25 0	184.90
	8	JP_2011_16APR_01_NS	0.91 0	133.51	US_1986_North Palm Springs_0	0.77 6	229.17	JP_2011_16APR_02_NS	0.55 2	252.53	JP_2011_16APR_01_NS	0.51 3	82.68	JP_2011_16APR_02_NS	0.25 0	99.80	JP_2011_16APR_01_EW	0.84 3	79.01
	9	JP_2004_25OCT_EW	1.43 4	177.60	JP_2011_16APR_03_NS	0.65 1	244.64	JP_2011_16APR_03_NS	0.65 1	244.64	JP_2016_Kumamoto_02_NS	0.88 0	85.27	JP_2011_16APR_03_EW	0.53 5	103.03	JP_2011_16APR_02_NS	0.25 0	99.80
	10	US_2005_Anza_01_90	1.42 0	203.58	JP_2011_16APR_02_NS	0.55 2	252.53	PE_1974_09NOV_01_EW	3.13 5	419.57	JP_2011_16APR_03_NS	0.29 5	92.17	JP_2004_25OCT_EW	0.63 3	117.33	JP_2019_21FEB_EW	0.25 0	164.52
	11	JP_2012_30AGO_NS	1.31 8	224.64	US_2005_Anza_02_90	0.92 4	257.34	PE_1974_09NOV_01_NS	3.57 1	273.37	JP_2012_30AGO_NS	0.58 0	97.21	US_1991_Petrolia_360	0.49 0	123.17	PE_1974_09NOV_01_EW	0.45 3	168.59
	12	JP_2016_Kumamoto_02_NS	1.80 7	225.84	JP_2011_16APR_02_EW	0.88 8	265.37	US_1986_North Palm Springs_0	0.77 6	229.17	US_2005_Anza_01_90	0.86 5	97.97	JP_1997_Shizuoca_NS	0.46 8	124.64	PE_1974_09NOV_01_NS	0.92 5	160.28
	13	US_1986_North Palm Springs_0	0.77 6	229.17	JP_1997_Shizuoca_NS	1.31 6	282.79	US_1986_North Palm Springs_90	1.20 8	294.02	JP_2011_16APR_02_EW	0.34 8	98.64	US_2005_Anza_01_360	1.21 2	137.65	PE_1974_09NOV_02_EW	2.27 3	154.16
	14	JP_2011_16APR_03_NS	0.65 1	244.64	US_1986_North Palm Springs_90	1.20 8	294.02	US_1991_Petrolia_360	1.15 1	317.83	JP_2011_16APR_02_NS	0.25 0	99.80	PE_1974_09NOV_02_NS	1.45 5	152.78	US_1981_Westmorland_180	0.25 0	203.73
	15	JP_2011_16APR_02_NS	0.55 2	252.53	US_2005_Anza_01_360	2.68 1	304.16	US_1991_Petrolia_90	1.14 2	532.65	US_2005_Anza_02_90	0.28 8	101.57	PE_1974_09NOV_02_EW	2.27 3	154.16	US_1981_Westmorland_90	0.25 0	197.74
	16	US_2005_Anza_02_90	0.92 4	257.34	US_1991_Petrolia_360	1.15 1	317.83	US_1991_SierraMadre_0	0.95 3	392.30	JP_2011_16APR_03_EW	0.53 5	103.03	US_1991_SierraMadre_90	0.71 5	154.34	US_1986_North Palm Springs_0	0.25 0	161.14
	17	JP_2011_16APR_02_EW	0.88 8	265.37	US_1991_SierraMadre_0	0.95 3	392.30	US_1991_SierraMadre_90	2.53 9	338.90	JP_1996_21DEC_EW	0.25 0	116.76	JP_2016_Kumamoto_02_EW	0.25 0	160.19	US_1991_Petrolia_90	0.25 0	165.95
	18	PE_1974_09NOV_01_NS	3.57 1	273.37	JP_2019_21FEB_EW	1.17 7	395.72	US_2005_Anza_01_360	2.68 1	304.16	JP_2004_25OCT_EW	0.63 3	117.33	PE_1974_09NOV_01_NS	0.92 5	160.28	US_1991_SierraMadre_90	0.71 5	154.34
	19	JP_1997_Shizuoca_NS	1.31 6	282.79	PE_1974_09NOV_01_EW	3.13 5	419.57	US_2005_Anza_01_90	1.42 0	203.58	US_1991_Petrolia_360	0.49 0	123.17	US_1986_North Palm Springs_90	0.31 0	160.67	US_2005_Anza_02_360	0.47 5	76.26
	20	US_1986_North Palm Springs_90	1.20 8	294.02	JP_2004_Chuet-suAfter-shock_02_NS	1.37 0	428.33	US_2005_Anza_02_90	0.92 4	257.34	JP_1997_Shizuoca_NS	0.46 8	124.64	US_1986_North Palm Springs_0	0.25 0	161.14	US_2005_Anza_02_90	0.28 8	101.57
MAP E	1	JP_2000_Mie_NS	0.39 8	224.84	US_2005_Anza_02_90	0.92 4	580.38	JP_1996_21DEC_UD	1.49 2	2516.63	JP_2000_Mie_EW	0.25 0	103.32	US_2005_Anza_02_90	0.25 0	118.42	JP_1996_Nagano_NS	0.25 0	387.66

	2	JP_2000_Mie_EW	1.56 8	367.47	JP_2004_25OCT_NS	0.58 4	684.37	JP_2000_Mie_NS	0.39 8	224.84	PE_1974_09NOV_02_EW	0.25 0	109.91	US_1991_SierraMadre_90	0.25 0	124.41	JP_2000_Mie_EW	0.25 0	103.32
	3	JP_2012_30AGO_EW	0.40 7	368.59	JP_2011_16APR_02_EW	0.88 8	804.53	JP_2004_25OCT_EW	1.43 4	854.41	US_2005_Anza_02_90	0.25 0	118.42	JP_2004_25OCT_EW	0.25 0	131.17	JP_2004_23OCT_NS	0.25 0	389.01
	4	US_2005_Anza_02_360	0.71 2	430.55	JP_2011_16APR_02_NS	0.55 2	828.46	JP_2004_25OCT_NS	0.58 4	684.37	US_1991_SierraMadre_90	0.25 0	124.41	US_2005_Anza_02_360	0.25 0	132.74	JP_2004_25OCT_EW	0.25 0	131.17
	5	JP_2011_16APR_01_NS	0.91 0	577.82	JP_2004_25OCT_EW	1.43 4	854.41	JP_2004_ChuetasuAftershock_02_NS	1.37 0	2217.05	JP_2004_25OCT_EW	0.25 0	131.17	US_2005_Anza_01_90	0.25 0	137.98	JP_2004_ChuetasuAftershock_02_EW	0.25 0	655.70
	6	US_2005_Anza_02_90	0.92 4	580.38	US_2005_Anza_01_90	1.42 0	898.26	JP_2011_16APR_01_EW	1.44 5	997.87	US_2005_Anza_02_360	0.25 0	132.74	US_2005_Anza_01_360	0.25 0	157.92	JP_2004_ChuetasuAftershock_02_NS	0.25 0	377.98
	7	JP_2004_25OCT_NS	0.58 4	684.37	JP_2011_16APR_01_EW	1.44 5	997.87	JP_2011_16APR_02_EW	0.88 8	804.53	US_2005_Anza_01_90	0.25 0	137.98	JP_2011_16APR_03_EW	0.25 0	163.00	JP_2011_16APR_01_EW	0.25 0	185.50
	8	JP_2011_16APR_02_EW	0.88 8	804.53	JP_1997_Shizuoca_NS	1.31 6	1025.46	JP_2011_16APR_02_NS	0.55 2	828.46	PE_1974_09NOV_01_NS	0.25 0	141.95	JP_1997_Shizuoca_NS	0.25 0	164.84	JP_2011_16APR_01_NS	0.25 0	150.90
	9	JP_2011_16APR_02_NS	0.55 2	828.46	JP_2011_16APR_03_NS	0.65 1	1136.51	JP_2011_16APR_03_NS	0.65 1	1136.51	JP_2011_16APR_01_NS	0.25 0	150.90	JP_2011_16APR_01_EW	0.25 0	185.50	JP_2011_16APR_02_EW	0.25 0	190.58
	10	JP_2004_25OCT_EW	1.43 4	854.41	JP_2012_30AGO_NS	1.31 8	1825.34	PE_1974_09NOV_01_EW	3.13 5	3316.79	JP_2000_Mie_NS	0.25 0	152.63	JP_2011_16APR_02_EW	0.25 0	190.58	JP_2011_16APR_03_EW	0.25 0	163.00
	11	US_2005_Anza_01_90	1.42 0	898.26	US_2005_Anza_01_360	2.68 1	1853.74	PE_1974_09NOV_01_NS	3.57 1	2066.77	US_2005_Anza_01_360	0.25 0	157.92	PE_1974_09NOV_01_EW	0.25 0	249.73	JP_2016_Kumamoto_02_NS	0.25 0	265.43
	12	JP_1996_21DEC_EW	1.14 4	964.86	JP_2016_Kumamoto_02_NS	1.80 7	1998.68	US_1986_North Palm Springs_0	0.77 6	2726.03	PE_1974_09NOV_02_NS	0.25 0	162.41	JP_2016_Kumamoto_02_NS	0.25 0	265.43	JP_2019_21FEB_EW	0.25 0	407.27
	13	JP_2011_16APR_01_EW	1.44 5	997.87	JP_2016_Kumamoto_02_EW	1.25 5	2013.32	US_1986_North Palm Springs_90	1.20 8	2205.98	JP_2011_16APR_03_EW	0.25 0	163.00	JP_2004_25OCT_NS	0.25 0	270.87	PE_1974_09NOV_01_EW	0.25 0	249.73
	14	JP_1997_Shizuoca_NS	1.31 6	1025.46	JP_2019_21FEB_EW	1.17 7	2069.43	US_1991_Petrolia_360	1.15 1	2100.44	JP_1997_Shizuoca_NS	0.25 0	164.84	JP_2011_16APR_02_NS	0.25 0	336.64	PE_1974_09NOV_01_NS	0.25 0	141.95
	15	JP_2011_16APR_03_NS	0.65 1	1136.51	US_1991_Petrolia_360	1.15 1	2100.44	US_1991_Petrolia_90	1.14 2	3134.76	JP_1996_21DEC_EW	0.25 0	169.66	JP_2012_30AGO_NS	0.25 0	347.61	PE_1974_09NOV_02_EW	0.25 0	109.91
	16	US_1991_SierraMadre_90	2.53 9	1447.91	US_1986_North Palm Springs_90	1.20 8	2205.98	US_1991_SierraMadre_0	0.95 3	3055.88	JP_2011_16APR_01_EW	0.25 0	185.50	JP_2016_Kumamoto_02_EW	0.25 0	364.09	US_1981_Westmorland_180	0.25 0	1205.58
	17	JP_2011_16APR_03_EW	2.07 9	1512.42	JP_2004_ChuetasuAftershock_02_NS	1.37 0	2217.05	US_1991_SierraMadre_90	2.53 9	1447.91	JP_2011_16APR_02_EW	0.25 0	190.58	JP_2004_ChuetasuAftershock_02_NS	0.25 0	377.98	US_1986_North Palm Springs_0	0.25 0	855.39
	18	JP_2012_30AGO_NS	1.31 8	1825.34	JP_2019_21FEB_NS	1.24 4	2422.37	US_2005_Anza_01_360	2.68 1	1853.74	JP_2012_30AGO_EW	0.25 0	244.70	JP_1996_Nagano_NS	0.25 0	387.66	US_1991_SierraMadre_90	0.25 0	124.41
	19	US_2005_Anza_01_360	2.68 1	1853.74	JP_1996_21DEC_UD	1.49 2	2516.63	US_2005_Anza_01_90	1.42 0	898.26	PE_1974_09NOV_01_EW	0.25 0	249.73	JP_2004_23OCT_NS	0.25 0	389.01	US_2005_Anza_01_360	0.25 0	157.92
	20	JP_2016_Kumamoto_02_NS	1.80 7	1998.68	US_1986_North Palm Springs_0	0.77 6	2726.03	US_2005_Anza_02_90	0.92 4	580.38	JP_2016_Kumamoto_02_NS	0.25 0	265.43	JP_2011_16APR_03_NS	0.25 0	397.08	US_2005_Anza_01_90	0.25 0	137.98
MSE	1	JP_2012_30AGO_EW	0.40 7	6336.22	JP_2004_25OCT_NS	0.58 4	19836.68	JP_1996_21DEC_UD	1.49 2	21130.97	JP_2012_30AGO_EW	0.39 3	6171.60	US_2005_Anza_02_360	0.54 3	9742.43	JP_1996_21DEC_EW	0.34 0	45101.03
	2	JP_2000_Mie_NS	0.39 8	9617.83	JP_1996_21DEC_UD	1.49 2	21130.97	JP_2000_Mie_NS	0.39 8	9617.83	JP_2000_Mie_NS	0.42 3	9259.91	JP_2004_25OCT_NS	0.46 0	11668.80	JP_1996_Nagano_EW	0.25 0	70903.45
	3	US_2005_Anza_02_360	0.71 2	19770.91	JP_2011_16APR_01_EW	1.44 5	42449.99	JP_2004_25OCT_EW	1.43 4	59558.53	JP_1996_21DEC_UD	1.12 1	9304.82	JP_2016_Kumamoto_02_NS	1.03 0	15206.33	JP_1997_Shizuoca_NS	0.61 0	33171.40
	4	JP_2004_25OCT_NS	0.58 4	19836.68	JP_2004_25OCT_EW	1.43 4	59558.53	JP_2004_25OCT_NS	0.58 4	19836.68	US_2005_Anza_02_360	0.54 3	9742.43	JP_2011_16APR_01_EW	0.95 5	16584.41	JP_2004_23OCT_EW	0.28 8	73854.39
	5	JP_1996_21DEC_UD	1.49 2	21130.97	US_2005_Anza_01_90	1.42 0	63791.90	JP_2004_ChuetasuAftershock_02_NS	1.37 0	343307.83	JP_2004_25OCT_NS	0.46 0	11668.80	US_2005_Anza_01_90	0.84 3	17487.26	JP_2004_23OCT_NS	0.58 8	67614.10
	6	JP_2000_Mie_EW	1.56 8	36531.97	JP_2016_Kumamoto_02_NS	1.80 7	72612.92	JP_2011_16APR_01_EW	1.44 5	42449.99	JP_2016_Kumamoto_02_NS	1.03 0	15206.33	JP_2011_16APR_02_NS	0.28 0	22341.35	JP_2004_ChuetasuAftershock_02_EW	0.27 3	72498.90
	7	JP_2011_16APR_01_EW	1.44 5	42449.99	US_1986_North Palm Springs_0	0.77 6	75855.71	JP_2011_16APR_02_EW	0.88 8	137820.54	JP_2000_Mie_EW	1.09 1	16403.44	JP_2011_16APR_02_EW	0.42 3	23602.48	JP_2011_16APR_01_EW	0.95 5	16584.41
	8	JP_2004_25OCT_EW	1.43 4	59558.53	JP_2011_16APR_03_NS	0.65 1	89400.47	JP_2011_16APR_02_NS	0.55 2	108156.44	JP_2011_16APR_01_EW	0.95 5	16584.41	JP_2004_25OCT_EW	0.88 8	24383.41	JP_2011_16APR_01_NS	0.46 8	28406.40
	9	US_2005_Anza_01_90	1.42 0	63791.90	JP_2011_16APR_02_NS	0.55 2	108156.44	JP_2011_16APR_03_NS	0.65 1	89400.47	US_2005_Anza_01_90	0.84 3	17487.26	US_1991_Petrolia_360	0.55 0	27984.54	JP_2011_16APR_02_NS	0.28 0	22341.35
	10	JP_2016_Kumamoto_02_NS	1.80 7	72612.92	US_2005_Anza_01_360	2.68 1	129040.17	PE_1974_09NOV_01_EW	3.13 5	287323.71	JP_2011_16APR_03_NS	0.35 5	19466.44	US_2005_Anza_01_360	1.30 3	31568.47	JP_2019_21FEB_EW	0.40 8	51828.79
	11	US_1986_North Palm Springs_0	0.77 6	75855.71	US_1991_Petrolia_360	1.15 1	133767.91	PE_1974_09NOV_01_NS	3.57 1	119239.70	JP_2011_16APR_02_NS	0.28 0	22341.35	JP_1997_Shizuoca_NS	0.61 0	33171.40	PE_1974_09NOV_01_NS	1.75 8	43751.30
	12	JP_2011_16APR_03_NS	0.65 1	89400.47	US_2005_Anza_02_90	0.92 4	133972.85	US_1986_North Palm Springs_0	0.77 6	75855.71	JP_2011_16APR_02_EW	0.42 3	23602.48	US_1991_SierraMadre_90	1.03 0	42832.16	PE_1974_09NOV_02_EW	3.48 5	43221.12
	13	JP_2011_16APR_01_NS	0.91 0	107829.30	JP_2011_16APR_02_EW	0.88 8	137820.54	US_1986_North Palm Springs_90	1.20 8	143196.38	JP_2004_25OCT_EW	0.88 8	24383.41	US_1986_North Palm Springs_90	0.55 8	42943.99	US_1981_Westmorland_180	0.26 5	73989.15
	14	JP_2011_16APR_02_NS	0.55 2	108156.44	US_1986_North Palm Springs_90	1.20 8	143196.38	US_1991_Petrolia_360	1.15 1	133767.91	US_2005_Anza_02_90	0.44 5	25861.65	PE_1974_09NOV_02_EW	3.48 5	43221.12	US_1981_Westmorland_90	0.34 0	64916.65
	15	PE_1974_09NOV_01_NS	3.57 1	119239.70	JP_1997_Shizuoca_NS	1.31 6	146543.55	US_1991_Petrolia_90	1.14 2	413029.95	US_1991_Petrolia_360	0.55 0	27984.54	PE_1974_09NOV_01_NS	1.75 8	43751.30	US_1986_North Palm Springs_0	0.45 3	35777.50
	16	US_2005_Anza_01_360	2.68 1	129040.17	JP_2012_30AGO_NS	1.31 8	187306.76	US_1991_SierraMadre_0	0.95 3	306125.95	JP_2011_16APR_01_NS	0.46 8	28406.40	JP_1996_21DEC_EW	0.34 0	45101.03	US_1991_Petrolia_90	0.33 3	55785.79
	17	US_1991_Petrolia_360	1.15 1	133767.91	JP_2019_21FEB_EW	1.17 7	282583.22	US_1991_SierraMadre_90	2.53 9	200721.40	JP_2012_30AGO_NS	0.55 8	31257.44	PE_1974_09NOV_02_NS	2.54 5	45583.50	US_1991_SierraMadre_0	0.31 8	55773.26
	18	US_2005_Anza_02_90	0.92 4	133972.85	PE_1974_09NOV_01_EW	3.13 5	287323.71	US_2005_Anza_01_360	2.68 1	129040.17	US_2005_Anza_01_360	1.30 3	31568.47	JP_2019_21FEB_EW	0.40 8	51828.79	US_1991_SierraMadre_90	1.03 0	42832.16
	19	JP_2011_16APR_02_EW	0.88 8	137820.54	US_1991_SierraMadre_0	0.95 3	306125.95	US_2005_Anza_01_90	1.42 0	63791.90	JP_1997_Shizuoca_NS	0.61 0	33171.40	US_1991_SierraMadre_0	0.31 8	55773.26	US_2005_Anza_01_90	0.84 3	17487.26
	20	US_1986_North Palm Springs_90	1.20 8	143196.38	JP_2004_ChuetasuAftershock_02_NS	1.37 0	343307.83	US_2005_Anza_02_90	0.92 4	133972.85	US_1986_North Palm Springs_0	0.45 3	35777.50	US_1991_Petrolia_90	0.33 3	55785.79	US_2005_Anza_02_360	0.54 3	9742.43