UNIVERSIDAD NACIONAL PEDRO RUIZ GALLO

FACULTAD DE INGENIERIA CIVIL, DE SISTEMAS Y DE ARQUITECTURA

ESCUELA PROFESIONAL DE INGENIERIA CIVIL

Tesis

EVALUACIÓN DEL DESEMPEÑO SÍSMICO DE LA I.E PEDRO RUIZ GALLO-CIUDAD DE ETEN-CHICLAYO-LAMBAYEQUE APLICANDO ANÁLISIS ESTÁTICO Y DINÁMICO NO-LINEAL

Para obtener el Título Profesional de:

Ingeniero(a) Civil

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Lambayeque - Perú

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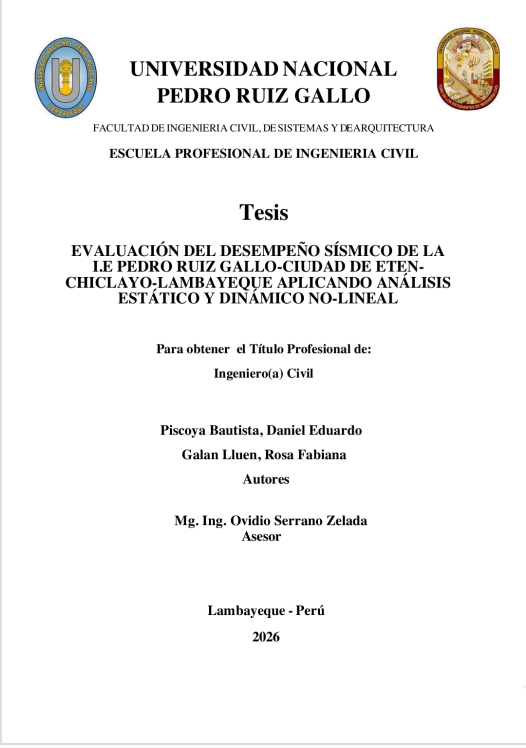

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Daniel Eduardo Piscoya Bautista

RESUMEN

El Perú se encuentra ubicado en una zona de alta sismicidad debido a la interacción de las placas tectónicas de Nazca y Sudamericana, lo que representa un riesgo constante para las edificaciones esenciales, especialmente las de uso educativo. En este contexto, la presente investigación tiene como objetivo evaluar el desempeño sísmico de la Institución Educativa Pedro Ruiz Gallo, ubicada en la ciudad de Eten, mediante la aplicación de análisis estático y dinámico no lineal. La problemática se centra en la necesidad de conocer el comportamiento real de la infraestructura escolar frente a eventos sísmicos severos, considerando su antigüedad y las exigencias normativas actuales. Metodológicamente, el estudio es de tipo aplicado, con enfoque cuantitativo y diseño no experimental, empleando el software ETABS para modelar dos pabellones de aulas, un Salón de Usos Múltiples y un tanque elevado. Los resultados del análisis pushover y del análisis tiempo–historia evidencian que el pabellón de aulas y el SUM alcanzan niveles de desempeño aceptables, con derivas controladas y rótulas plásticas mayoritariamente en rangos elásticos e inelásticos leves. En contraste, el tanque elevado presenta deficiencias en una de sus direcciones principales. En conclusión, la institución presenta un desempeño sísmico global aceptable, recomendándose el reforzamiento estructural del tanque elevado para garantizar la seguridad y funcionalidad ante futuros sismos.

Palabras clave: Desempeño sísmico, análisis no lineal, Pushover, diseño basado en desempeño, reforzamiento estructural.

ABSTRACT

Peru is located in a high seismicity zone due to the interaction between the Nazca and South American tectonic plates, which represents a significant risk for essential buildings, particularly those used for educational purposes. In this context, this research aims to evaluate the seismic performance of the Pedro Ruiz Gallo Educational Institution, located in the city of Eten, through the application of nonlinear static and dynamic analyses. The problem addressed lies in the need to understand the actual structural behavior of school infrastructure under severe seismic events, considering its age and current code requirements. Methodologically, this study is applied in nature, with a quantitative approach and a non-experimental design, using ETABS software to model the classroom building, the Multipurpose Hall, and the elevated water tank. The results of the pushover, FEMA 440, and time–history analyses indicate that the classroom building and the Multipurpose Hall exhibit acceptable seismic performance, with controlled story drifts and minor structural damage, while the elevated water tank shows deficiencies in one of its principal directions. In conclusion, the educational institution demonstrates an overall acceptable seismic performance; however, structural strengthening of the elevated water tank is recommended to enhance its safety and seismic behavior

Keywords: Seismic performance, nonlinear analysis, Pushover, performance-based design, structural strengthening.

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CAPÍTULO I: GENERALIDADES

1.1. Situación Problemática

Se ha observado un incremento de la actividad sísmica en los últimos tiempos en diversas áreas geográficas del mundo, con singular impacto en Europa, estos eventos sísmicos han resultado en significativas pérdidas humanas, daños extensos a la propiedad (en iglesias, centros educativos, residenciales, etc.) y afectaciones generalizadas (Maio et al., 2020). Evidenciando ello tras la eventualidad de un terremoto de grado 6,8 en Turquía, al generar un total de 17,021 edificios ligeramente dañados, daños moderados y graves de 1,492 y 8,396 edificios respectivamente, y un valor igual a 821 edificios derrumbados (Yurdakul et al., 2021).

Por ello, la evaluación del desempeño y vulnerabilidad sísmica de estructuras existentes es crucial en la ingeniería estructural, donde establecer un diseño sísmico basado en el desempeño enfrenta desafíos en la cuantificación precisa del daño y la predicción de magnitudes sísmicas (Georgioudakis & Plevris, 2023). Esto debido a que la comprensión del comportamiento sísmico requiere técnicas avanzadas, como análisis estáticos o dinámicos no lineales, donde ejecutar análisis estáticos no lineales necesita modelos precisos, siendo un procedimiento simplificado el que evitaría complicaciones innecesarias al describir analíticamente la curva de capacidad (Montuori et al., 2020).

Por otro lado, Perú se halla en un área propensa a sismos, resultado de su posición a lo largo del Cinturón de Fuego del Pacífico y la interacción entre dos placas tectónicas en su costa: las placas de Nazca y Sudamericana (Pal et al., 2023). Durante el año 2019 se registraron más de 500 eventos sísmicos con una magnitud superior a 3,0; un dato preocupante es que, durante el último terremoto de alta intensidad, se reportaron daños estructurales en más de 3,694 aulas de escuelas públicas en Lima, resaltando la vulnerabilidad de las infraestructuras ante estos eventos significativos (Cardenas et al., 2020).

En el Perú, diversas condiciones adversas comprometen el desempeño sísmico de una estructura, entre ellas se incluyen los daños sufridos por sismos anteriores o acumulados, debido al mantenimiento inadecuado, modificaciones en el uso que demandan una mayor capacidad estructural, o simplemente la ausencia de requisitos de diseño sísmico modernos (Aroquipa & Hurtado, 2022).

A nivel local, el área en estudio comprendida por la Institución Educativa Pedro

Ruiz Gallo, situada en la ciudad de Eten, provincia de Chiclayo, región Lambayeque, la seguridad estructural de la edificación enfrenta serias amenazas debido a la constante exposición a riesgos sísmicos en la región, a medida que la ciudad experimenta un aumento en la actividad sísmica, la vital tarea de examinar y mejorar el desempeño sísmico de la misma se vuelve imperativa.

Además, la región costera del país experimenta un fenómeno de silencio sísmico significativo, lo que da lugar a un acoplamiento sísmico que sugiere la posibilidad de sismos de considerable magnitud (Cervera et al., 2023). Siendo los problemas estructurales existentes, como el envejecimiento de la estructura, las grietas, la corrosión y el desgaste generalizado los que pueden comprometer la integridad estructural, por otro lado, la capacidad de carga original de la Institución Educativa puede no ser suficiente para resistir las fuerzas sísmicas actuales. Por ello, la falta de una evaluación exhaustiva del desempeño sísmico lo deja vulnerable a posibles daños durante eventos sísmicos, colocando en situación de riesgo la protección de los estudiantes, profesores y personal.

Debido a esto, el estudio contemplará el correcto análisis del comportamiento de la Institución Educativa Pedro Ruiz Gallo, realizando diferentes tipos de análisis no lineales, entre los que se encuentran los más conocidos, el análisis estático no lineal (Pushover) y el análisis dinámico no lineal (Tiempo Historia) a razón de desarrollar estrategias efectivas que fortalezcan la estructura y se asegure un entorno seguro ante eventualidades sísmicas futuras.

1.2. Formulación del problema.

1.2.1. Problema General

¿Cuál es el desempeño sísmico de la I.E. Pedro Ruiz Gallo-Ciudad de Eten-Chiclayo-Lambayeque aplicando análisis estático y dinámico no-lineal?

1.3. Justificación

La presente investigación se justifica teóricamente porque permite profundizar en el estudio del comportamiento sísmico de edificaciones existentes desde el enfoque de diseño basado en el desempeño, el cual constituye una herramienta fundamental para comprender de manera más realista la respuesta estructural frente a sismos de diferente intensidad. Mediante la aplicación de análisis estáticos y dinámicos no lineales, se busca analizar la formación del daño estructural y la capacidad resistente de la edificación, aportando al desarrollo y validación

de metodologías propuestas por normativas y guías internacionales ampliamente aceptadas. Asimismo, el estudio contribuye a ampliar el conocimiento académico sobre la evaluación del desempeño sísmico en infraestructuras educativas, sirviendo como referencia teórica para futuras investigaciones que aborden edificaciones con características estructurales y condiciones similares en zonas de alta sismicidad.

Desde el punto de vista técnico, esta investigación se justifica por la necesidad de evaluar de manera detallada y confiable el desempeño sísmico de la Institución Educativa Pedro Ruiz Gallo, considerando su ubicación en una zona de elevada actividad sísmica y las posibles deficiencias estructurales propias de una edificación existente. La aplicación de análisis no lineales, como el análisis Pushover y el análisis dinámico no lineal Tiempo Historia, permite representar de forma más precisa el comportamiento real de la estructura ante solicitaciones sísmicas severas, identificando elementos críticos, niveles de daño esperados y mecanismos de falla. Los resultados obtenidos servirán como base técnica para plantear una propuesta de reforzamiento estructural adecuada, orientada a mejorar la seguridad y el desempeño sísmico de la edificación, contribuyendo así a la reducción del riesgo y a la protección de la comunidad educativa frente a futuros eventos sísmicos.

1.4. Objetivos

1.4.1. Objetivo general

Evaluar el desempeño sísmico de la I.E Pedro Ruiz Gallo-Ciudad de Eten-Chiclayo-Lambayeque aplicando análisis estático y dinámico no-lineal.

1.4.2. Objetivos específicos

1. Realizar el análisis estático no lineal "Pushover" correspondiente a la de la I.E Pedro Ruiz Gallo-Ciudad de Eten-Chiclayo-Lambayeque.
2. Definir la curva de capacidad para identificar el punto de desempeño estructural de la I.E Pedro Ruiz Gallo-Ciudad de Eten-Chiclayo-Lambayeque.
3. Ejecutar el análisis dinámico no lineal tiempo historia de la de la I.E Pedro Ruiz Gallo-Ciudad de Eten-Chiclayo-Lambayeque.
4. Determinar el nivel de desempeño estructural de la I.E Pedro Ruiz Gallo-Ciudad de Eten-Chiclayo-Lambayeque.
5. Desarrollar una propuesta de reforzamiento para la I.E Pedro Ruiz Gallo-Ciudad de Eten-Chiclayo-Lambayeque.

1.6. Hipótesis

1.6.1. Hipótesis general

La evaluación del desempeño sísmico revelará deficiencias en la capacidad de resistencia actual de la I.E Pedro Ruiz Gallo-Ciudad de Eten-Chiclayo-Lambayeque aplicando análisis estático y dinámico no-lineal.

CAPÍTULO II: DISEÑO TEÓRICO

2.1. Antecedentes

2.1.1. Antecedentes internacionales

Ghimire y Chaulagain (2021) por medio de su artículo, cuyo objetivo abordó ser examinar el desempeño sísmico de la estructura escolar con ayuda de evaluaciones de vulnerabilidad y fragilidad en Nepal. Contemplaron por metodología la no experimental en base al estudio analítico de los parámetros de respuesta estructural mediante análisis no lineales con el software ETABS. Revelando por resultados que a través de la curva Pushover en X para el bloque A, B, C alcanzó una cortante basal máxima de 3450 kN, 5250 kN y 3250 kN con un desplazamiento máximo de 76 mm, 92 mm y 59 mm respectivamente; y en Y para el bloque A, B, C alcanzó una cortante basal máxima de 3100 kN, 4450 kN y 2900 kN con un desplazamiento máximo de 85 mm, 71 mm y 95 mm respectivamente; a través del análisis dinámico no lineal, se emplearon registros de sismos de Gorkha, El-Centro y Kobe con la probabilidad de fallo en cada intervalo de 0,1 g hasta 1g; donde se presentó daños leves en el bloque A de hasta un 98.8%, en el bloque B hasta un 99% y para el bloque C hasta un 98.9%. Concluyeron que el edificio es vulnerable en comparación con las directrices internacionales estándar, siendo necesario el reforzamiento de la estructura.

Poudel y Parajuli (2021) a través de su artículo establecieron por objetivo determinar la vulnerabilidad sísmica de un edificio escolar antes y después del terremoto de Gorkha de 2015. Abordaron la metodología no experimental en base al uso del software SAP 2000 para modelos de edificios denominados MB1 el cual tuvo cuatro plantas mientras que MB2 y MB3 tuvieron tres plantas. Alcanzando por resultados al aplicar el análisis Pushover para MB1, MB2 y MB3 una cortante basal de 1381.030 kN, 1062.720 kN y 937.280 kN, al igual que el desplazamiento de 114.380 mm, 81.690 mm y 47.660 mm respectivamente; mientras que por medio del análisis no lineal dinámico alcanzó máximos desplazamientos de acuerdo a los terremotos de Gorkha, El-Centro, Imperial para MB1 85.730 mm, 109.660 mm y 331 mm; para MB2 56.280, 84.440 mm y 149.200 mm; para MB3 40.340 mm, 77.530 mm y 96.180 mm respectivamente. Concluyendo que MB3 tuvo un comportamiento óptimo ante el terremoto base, dado que la probabilidad de daños extensos y completos disminuyó significativamente en comparación con MB2 y MB1.

Baylon et al. (2021) por medio de su artículo establecieron por objetivo examinar la vulnerabilidad sísmica de Sta. Escuela secundaria Lucia en la ciudad de Pasig, Filipinas. Abordaron la metodología no experimental en base al uso del software SAP 2000 para modelar la edificación a estudio. Alcanzaron por resultados que respecto al análisis estático no lineal se alcanzó una cortante basal máxima igual a 225 Ton y 175 Ton con desplazamiento igual a 3.895 cm y 4.455 cm en las direcciones X e Y respectivamente; respecto al análisis dinámico no lineal se esperó que la estructura alcance un daño moderado a lo largo del eje x con una aceleración pico del terreno de 0.322g en la dirección norte-sur del terremoto a lo largo del eje X de 0.238g, para el eje Y, se esperó que la estructura alcance daños moderados con una aceleración pico del terreno de 0.322g en la dirección norte-sur del terremoto a lo largo del eje X de 0.055g. Concluyeron que se contó con una alta probabilidad de sufrir daños moderados con la magnitud e intensidad de terremoto indicadas, con una aceleración máxima del suelo de 0,352 g.

2.1.2. Antecedentes nacionales

Ramos (2023) través de su tesis, estableció por objetivo evaluar por medio del análisis estático y dinámico no lineal el desempeño sísmico estructural de la Institución Educativa N°141 - Héroes de Jactay – Huánuco. La metodología se enmarcó en un alcance descriptivo, con enfoque cuantitativo y de tipo aplicada. Para lo cual se empleó el software ETABS, con el propósito de determinar la necesidad de realizar mejoras estructurales. Previo a la ejecución de estos análisis, se evaluaron los edificios de acuerdo con la Norma E.030, donde se identificaron deficiencias en las juntas sísmicas y las derivas de los pisos en la dirección X, respecto al análisis estático no lineal se alcanzó una cortante basal máxima igual a 175.35 Ton y 195.29 Ton con desplazamiento igual a 3.28 cm y 0.77 cm en las direcciones X e Y respectivamente; respecto al análisis dinámico no lineal, se emplearon registros de sismos de Lima en 1966, 1970 y 1974, escalados y compatibles con el espectro elástico normativo; las derivas promedio obtenidas para el primer bloque (1er y 2do piso) fueron de 0.001-0.0016, 0.001-0.0013 y 0.001-0.0014 respectivamente, mientras que para el segundo bloque fueron de 0.004, 0.005 y 0.0036 en las direcciones X e Y. Como conclusión, determinó que la estructura no exhibe un desempeño satisfactorio proponiendo medidas de refuerzo a base de la integración de marcos de acero provistos de arriostres concéntricos

Cueva y Huamanchumo (2022) por medio de su tesis, cuyo objetivo fue el

estudio del comportamiento de una estructura a través del análisis no lineal Pushover de la Institución Educativa N°10133. El estudio empleó una metodología con diseño descriptivo. La muestra de estudio seleccionada fue el módulo de aulas de la I.E N°10133-Mochumí. La técnica empleada de mayor relevancia fue el modelamiento matemático desarrollado a partir del software estructural ETABS versión 2018. Los resultados indicaron que la estructura alcanzó por fuerza cortante 1609.942 Ton y 7744.803 Ton con desplazamiento igual a 0.2510 m y 0.2660 m, y una cortante de fluencia de 1135.770 Ton y 4445.440 Ton con desplazamiento igual a 0.0630 m y 0.0800 m en la dirección X e Y respectivamente, además, con VISION 2000 determinaron que para X respecto al Sismo Ocasional y Frecuente logró ser Operacional; en la misma línea, correspondiente al Sismo Muy Raro y Raro el nivel sísmico logró ser Funcional y Seguridad de Vida, contemplando la dirección Y correspondiente al Sismo Muy Raro, Raro, Ocasional, y Frecuente logró ser Operacional. Logrando concluir que la estructura exhibe un desempeño satisfactorio en Y al existir placas y muros de albañilería, sin embargo, para X fue todo lo contrario.

Cardenas et al. (2021) Este estudio se centra en un edificio escolar típico, seleccionado tras realizar un estudio en escuelas públicas del distrito de San Juan de Miraflores, en la ciudad de Lima, Perú. Se analiza la respuesta sísmica del edificio seleccionado a diversos movimientos del terreno mediante análisis estáticos no lineales y de historia temporal. La modelización se realizó por medio del programa SAP2000 para la edificación compuesta por mampostería confinada en el eje transversal y pórticos de concreto armado con rellenos de mampostería en el eje longitudinal. Evidenciando por resultados que, del análisis estático no lineal la mayor fuerza cortante sobre la base en la dirección longitudinal fue de 73.90 Ton con un desplazamiento de 11.95 mm, donde la deriva antes del colapso fue de 3.43%; en la dirección transversal, indicó que la estructura puede resistir una fuerza cortante base de 156 Ton asociada a un desplazamiento de 3 mm, donde colapsaría si la deriva lateral alcanza el 2.99%, ya que la resistencia desciende a 41 Ton; con el análisis dinámico no lineal la mayor fuerza cortante en la base que la misma es capaz de resistir sobre la dirección longitudinal fue de 34 Ton con un desplazamiento de 22 mm; en la dirección transversal, alcanzando una fuerza cortante base por medio de la curva de capacidad 80 Ton asociada al desplazamiento de 6.55 mm. Concluyeron que la edificación no satisface el nivel mínimo de desempeño sísmico dado por las normas

de diseño sísmico en Perú.

2.1.3. Antecedentes locales

Paredes (2023) por medio de su tesis, abordó por objetivo emplear el análisis estático y dinámico no lineal respecto al desempeño sismorresistente de la Institución Educativa Nuestra Señora de la Paz, Chiclayo. La metodología adoptada se caracterizó por un diseño no experimental, aplicada y cuantitativa, donde mediante la herramienta Etabs, logró conocer si se requería alguna mejora estructural. Evidenció por resultados que del análisis estático lineal el bloque A alcanzó por cortante última 160.87 Ton y 464.96 Ton con desplazamientos equivalentes a 26.44 cm y 1.56 cm en las direcciones tanto de X como de Y, logrando por nivel de desempeño denominado colapso y funcional respectivamente; mientras tanto, el bloque B mostró por cortante última 110.99 Ton y 342.49 Ton con desplazamientos equivalentes a 36.98 cm y 1.63 cm en las direcciones tanto de X como de Y respectivamente, alcanzando por nivel de desempeño denominado colapso y funcional respectivamente; respecto al análisis dinámico no lineal, se utilizaron registros de sismos de Ancash 1970, Arequipa 2001 y Pisco 2007, adaptados y acordes al espectro elástico normativo, donde la deriva máxima obtenida fue 0.0058 y 0.0015 en las direcciones tanto de X como de Y. Concluyó que no debe ser implementado refuerzos debido a que la estructura evidenció comportamientos estructurales adecuados.

Gallardo (2023) a través de su tesis, abordó por objetivo el estudio del desempeño de una estructura mediante un análisis no lineal con el propósito de fortalecer la infraestructura de la Institución Educativa Héctor Rene Lanegra Romero en Ferreñafe. La metodología adoptada se caracterizó por un diseño no experimental, aplicada y cuantitativa, donde mediante la herramienta Etabs, logró efectuar el análisis a razón de obtener la capacidad estructural. Los resultados revelaron que el bloque 1 alcanzó una cortante basal de 198.80 Ton y 179.250 Ton con desplazamiento igual a 0.250 cm y 0.220 cm en las direcciones X e Y respectivamente; en cambio, el bloque 2 presentó una cortante equivalente a 163.50 Ton y 139.620 Ton con desplazamiento igual a 0.250 cm y 0.220 cm, en las direcciones X e Y; respecto al análisis dinámico no lineal, se emplearon registros de sismos de Lima en 1966, 1970 y 1974, escalados y compatibles con el espectro elástico normativo; las derivas promedio obtenidas para el primer bloque (1er y 2do piso) fueron de 0.001-0.0016, 0.001-0.0013 y 0.001-0.0014 respectivamente, mientras que para el segundo bloque fueron de 0.004, 0.005 y 0.0036 en las direcciones X e Y. Como conclusión, determinó que la estructura no

exhibe un desempeño satisfactorio proponiendo medidas de refuerzo a base de la integración de marcos de acero provistos de arriostres concéntricos.

Cienfuegos (2022) por medio de su tesis, cuyo objetivo fue el estudio del comportamiento estructural a través del análisis no lineal a fin de fortalecer la infraestructura de la Institución Educativa 10202 Virgen de la Paz en Pacora. La metodología se enmarcó en un diseño no experimental y explicativo dando inicio con un análisis del expediente técnico, eligiendo cada módulo y destacando secciones del elemento estructural. A través de la herramienta Etabs, logró efectuar el Pushover a razón de obtener la curva de capacidad. Los resultados indicaron que el módulo I alcanzó por cortante última igual a 238.280 Ton y 471.780 Ton con desplazamientos equivalentes a 15 cm y 5 cm en las direcciones tanto de X como de Y, logrando por nivel de desempeño denominado resguardo de vida; mientras tanto, el módulo II mostró por cortante igual a 357.480 Ton y 201.02 Ton con desplazamientos equivalentes a 5 cm y 13.5 cm en las direcciones tanto de X como de Y, alcanzando por nivel de desempeño operativo correspondiente al sismo máximo; respecto al análisis dinámico no lineal, se utilizaron registros de sismos de Lima 1966, 1974 y Pisco 2007, adaptados y acordes al espectro elástico normativo, las derivas promedio obtenidas para el módulo I fueron iguales a 0.0120 y 0.0040, mientras que respecto al módulo II fueron iguales a 0.0020 y 0.0070 en las direcciones tanto de X como de Y, mostrando similitud con las derivas obtenidas mediante el Pushover. Logrando concluir que la estructura exhibe un nivel de desempeño de resguardo de vida y operacional donde no se requirió ningún tipo de refuerzo.

2.2. Bases Teóricas

2.2.1 Riesgo y Desempeño sísmico

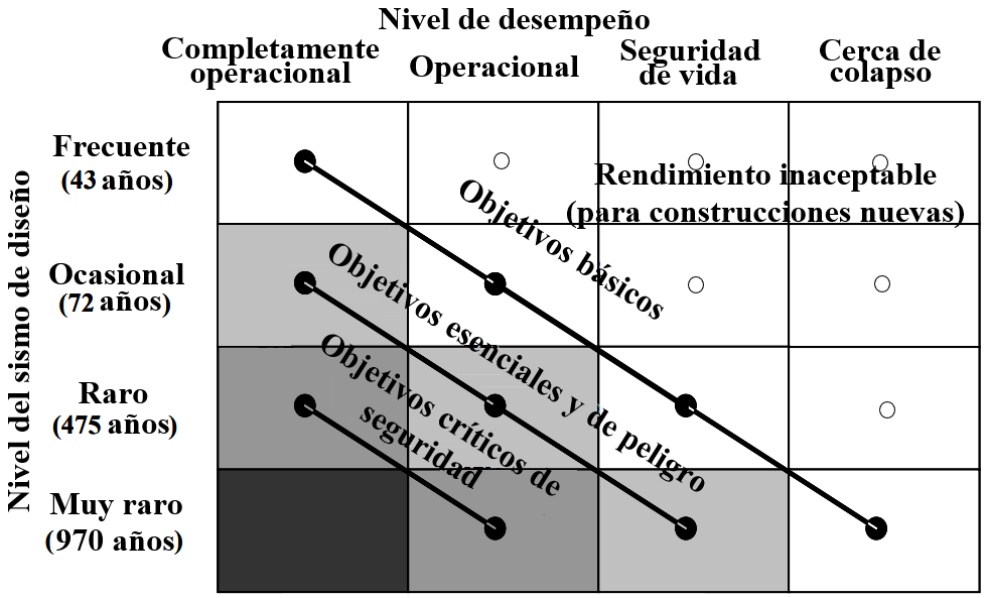
La severidad con la que actúa un sismo en una determinada zona se denomina peligro sísmico y depende del panorama sismotectónico del lugar, la topografía y características del suelo. Para la ingeniería sismorresistente el peligro sísmico se puede expresar a través de la aceleración máxima del suelo. Por otro lado, la vulnerabilidad es el daño que podría presentar un edificio en función de sus características propias, como puede ser: rigidez, resistencia, ductilidad, regularidad estructura. Por ejemplo, las construcciones irregulares, que no cuentan con una adecuada resistencia lateral, proyectadas sin criterios sismorresistentes, son más vulnerables que aquellas edificaciones donde se cumplió todos estos parámetros.

El desempeño sísmico presente en una estructura constituye el estado proyectado que se anticipa alcanzar después de experimentar un evento sísmico, donde el desempeño anticipado está intrínsecamente ligado a la magnitud del sismo al que podría estar expuesto. Es evidente que no todas las estructuras pueden aspirar a lograr el mismo nivel de rendimiento sísmico, ya que ello no solo resultaría económicamente inviable, sino también poco práctico, siendo el objetivo primordial asegurar que las estructuras no colapsen durante un evento sísmico y puedan ser rehabilitadas.

De manera general, el desempeño sísmico de un edificio está directamente vinculado a su rigidez, ductilidad y capacidad de resistencia lateral; estos atributos fundamentales no sólo determinan lo capaz que logran ser las estructuras para generar resistencia a la carga sísmica, sino también su capacidad para deformarse sin sufrir daños irreparables, por medio de ello, se busca prevenir el colapso total y permitir la posibilidad de reparación y recuperación (Poudel & Parajuli, 2021).

En el año 1995, el comité VISION 2000 estableció cinco niveles distintos de rendimiento sísmico, ofreciendo un marco normativo que ha sido referente en la evaluación y diseño de estructuras frente a eventos sísmicos, donde por medio de su matriz se presenta un resumen visual de estos niveles, incorporando información relevante como la importancia del edificio en cuestión y la frecuencia esperada del sismo, factores cruciales que inciden directamente en el rendimiento sísmico deseado. Este enfoque jerarquizado proporciona una guía estructurada para abordar la diversidad de estructuras y su exposición variable a eventos sísmicos, adaptándose a las necesidades específicas de cada contexto edificatorio (AlHamaydeh et al., 2023).

Figura 1 *Matriz de desempeño de Visón 2000*



Nota. Adaptado de **“**Probabilistic Incremental Dynamic Analysis for Seismic Isolation Systems through Integration with the NHERI-SimCenter Performance-Based Engineering Application”, por AlHamaydeh et al., 2023.

2.2.2 Capacidad estructural

La capacidad de las estructuras para resistir fuerzas y deformaciones se encuentra intrínsecamente vinculada a las propiedades de resistencia y puntos de deformación máximos de sus elementos individuales; por otro lado, en la práctica ingenieril, es esencial comprender cómo estos elementos responden a las cargas y tensiones a lo largo de su rango de comportamiento, especialmente cuando se supera el límite elástico (Buitrago et al., 2021).

El análisis no lineal surge como una de las herramientas de medio crucial con razones de evaluar la capacidad estructural trascendiendo de los límites elásticos, dado que los materiales estructurales pueden exhibir un comportamiento no lineal significativo cuando se someten a cargas intensas, un análisis que tenga en cuenta esta no linealidad es esencial para obtener una comprensión precisa de la capacidad de la estructura (Estêvão & Esteves, 2020).

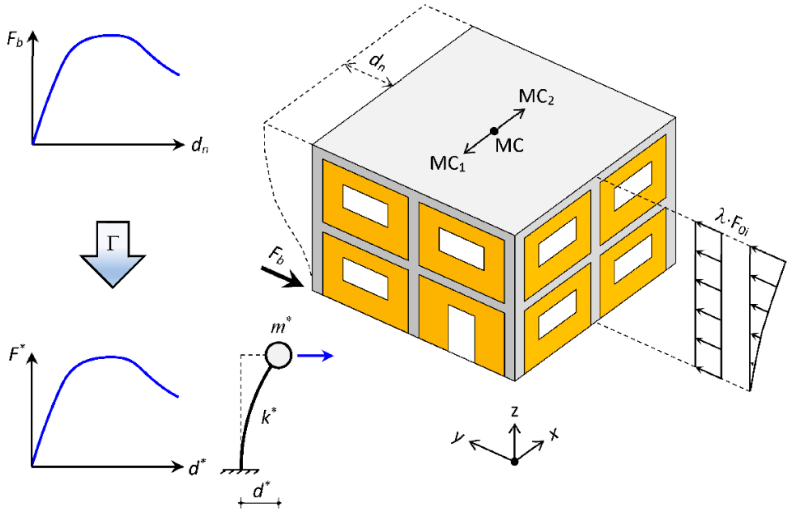
2.2.2.1 Curvas de capacidad

La creación y análisis de una curva de capacidad constituyen una herramienta esencial al ser examinado el desempeño sísmico de las estructuras, esta misma proporciona un punto representativo gráfico del vínculo sobre el desplazamiento

lateral de la estructura y lo capaz que logra ser de resistir cargas laterales, facilitando la comprensión detallada de su comportamiento bajo condiciones de carga sísmica (Estêvão & Esteves, 2020).

La elaboración de esta curva se lleva a cabo mediante la aplicación gradual de cargas laterales, simulando las fuerzas generadas por un evento sísmico, hasta alcanzar un punto de fallo, dicho proceso permite visualizar de manera clara el vínculo de la fuerza cortante basal y del desplazamiento en las orientaciones verticales y horizontales; ofreciendo un esquema visual de la respuesta no lineal ante fuerzas sísmicas significativas (Ghimire & Chaulagain, 2021).

Figura 2 *Esquema de la obtención de curvas de capacidad en cada dirección*



Nota. Adaptado de **“**Nonlinear Seismic Analysis of Existing RC School Buildings: The “P3” School Typology”, por Estêvão y Esteves, 2020.

2.2.2.2 Derivas

La deriva logra ser definida como la relación presente del desplazamiento relativo de entrepisos y la altura de entrepiso en una estructura determinada, este concepto es esencial dado que proporciona información sobre el comportamiento sísmico de un edificio o estructura durante un evento sísmico, siendo el valor límite para concreto armado igual a 0.007 (Ministerio de Vivienda, Construcción y Saneamiento, 2020).

2.2.2.3 Cortante basal

Según el MVCS (2020) hallar la fuerza cortante en la base de una estructura logra ser un aspecto crucial en el diseño sísmico, y el artículo 28.2 de la norma E.030 establece un método específico para llevar a cabo este cálculo mediante una fórmula que proporciona una aproximación confiable mencionada a continuación:

$$V = \frac{Z \times U \times C \times S}{R} \times P$$

2.2.2.4 Periodos

Los periodos, constituyen una medida fundamental que describe la duración característica de las vibraciones de una estructura en respuesta a una excitación sísmica. Estos se calculan mediante el análisis dinámico de la estructura y representan el tiempo que la estructura demora en completar un ciclo vibratorio.

Logran ser esenciales para comprender las respuestas dinámicas de las estructuras frente a un sismo, dado que estas influyen en la amplitud y frecuencia de las oscilaciones, determinando así lo capaz que logra ser la estructura ante el punto de resistir cargas sísmicas específicas.

2.2.2.5 Punto de desempeño

Propuesta del comité VISION 2000: Este mencionado comité define cuatro niveles de desempeño estructura , que catalogan el desempeño estructural después de un evento sísmico, Structural Engineers Association Of California.

- Completamente Operativo: No existe daño. La edificación es segura. Los servicios básicos operan con normalidad. La estructura mantiene su rigidez y resistencia. No se necesita reparaciones.

-Operativo: Existe daño reducido en elementos no estructurales, pero no representa algún compromiso para la seguridad de los ocupantes. Asimismo, en elementosestructurales puede existir daño muy reducido que no compromete la seguridad general. La edificación conserva casi íntegramente su resistencia y rigidez. Además, los servicios básicos están operativos o podría estar parcialmente interrumpidos.

-Resguardo de Vida: Existe daño estructural y no estructural moderado. La estructura ha sufrido una pérdida importante de su resistencia y rigidez, pero aún conserva un margen de seguridad contra el colapso. Posterior al evento sísmico, existe una probabilidad baja de derrumbe. Por otro lado, los ascensores podrían estar fuera de servicio, pero las rutas de evacuación se mantienen seguras.

-Cerca al colapso: Se presenta daño importante y extendido. La edificación ha sido seriamente afectada en su capacidad para resistir acciones laterales y cargas de gravedad, pero a pesar de ello aún conserva un pequeño margen contra el colapso. Además, podría existir elementos no estructurales que sufrieron desplome o están en peligro de hacerlo. Existe una gran probabilidad que la estructura no sea técnica ni económicamente viable su reparación. Las réplicas podrían ocasionar el colapso.

-Colapso: La estructura no puede resistir acciones laterales y ha perdido su capacidad para soportar cargas de gravedad. Además, existe perdida de verticalidad y problemas de

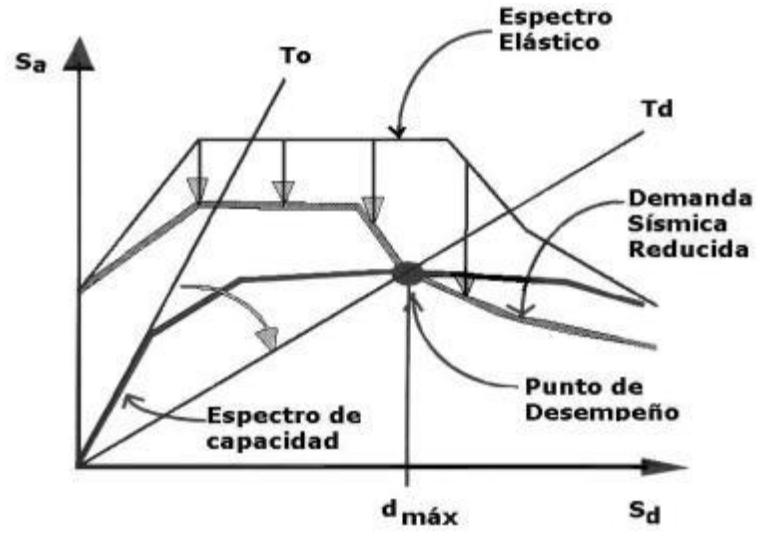
inestabilidad. Puede generar el colapso total o parcial de la edificación. Por último, no es posible reparar la edificación

La condición de equilibrio entre la capacidad resistente de la estructura y la demanda sísmica impuesta por el sitio, representada generalmente como la intersección entre la curva de capacidad (obtenida mediante un análisis pushover) y el espectro de demanda sísmica transformado al formato ADRS (Acceleration–Displacement Response Spectrum), a través de ello se procede a definir el punto de desempeño como el punto donde se cruzan el espectro de demanda con la capacidad, considerando por amortiguamiento equivalente a 5%. Este concepto fundamental establece las bases para evaluar y comprender de las estructuras su comportamiento frente a fuerzas sísmicas, proporcionando un marco teórico sólido para el análisis sísmico (Gaxiola et al., 2021).

Al momento en que se haya delimitado la curva de capacidad y se ha calculado el desplazamiento asociado con la demanda, se inicia el análisis minucioso y la interpretación del rendimiento de la estructura. Por medio de esta etapa se efectúa una evaluación meticulosa de los elementos del edificio, tanto los estructurales como los no estructurales, con el propósito de determinar si sufren daños que superen los límites permitidos establecidos en los objetivos de desempeño. Dichas finalidades, han sido establecidos previamente para los desplazamientos y las fuerzas generadas en función de las demandas asignadas a los movimientos de medio horizontal (He et al., 2023).

El propósito fundamental de este análisis de desempeño es evaluar la capacidad de resistencia y el comportamiento de los elementos tanto estructurales como no estructurales, llegando a ser crucial determinar si estos componentes pueden mantenerse dentro de los límites aceptables de daño, los cuales están definidos con base en los requisitos de rendimiento establecidos previamente (Alaa et al., 2023).

Figura 3 *Determinación del punto de desempeño*



Nota. Adaptado de "Evaluation of the Egyptian code for Seismic design of regular frames using the performance-based design methods", por Alaa et al. 2023.

Espectro de capacidad Sa.

La aceleración espectral es la ordenada del espectro de respuesta que representa la **aceleración máxima que experimenta un sistema equivalente de un grado de libertad (SDOF)** con un periodo determinado y un nivel específico de amortiguamiento, cuando es sometido a un movimiento sísmico; físicamente está asociada a las fuerzas inerciales inducidas en la estructura y, en el formato ADRS, se expresa generalmente en unidades de gravedad (g).

La transformación de la curva de capacidad a un espectro de capacidad constituye un proceso esencial en el ámbito del diseño y análisis estructural, y para llevar a cabo esta transición de manera efectiva, se recurre a las recomendaciones establecidas por el Consejo de Tecnología Aplicada. De acuerdo con las directrices del mismo, la metodología del espectro de capacidad implica la conversión de la curva de capacidad, el cual logra describir el vínculo presente sobre la cortante de la base con el desplazamiento del techo, en un espectro de capacidad del cual se representa en función de la aceleración y el desplazamiento siendo Sa versus Sd (Gaxiola et al., 2021).

La implementación de este proceso de transformación requiere el uso de ecuaciones específicas, las cuales son proporcionadas por el Consejo de Tecnología Aplicada. Estas ecuaciones desempeñan un papel fundamental en el alcance del

espectro de capacidad por medio de las curvas de capacidad, garantizando una representación precisa y significativa de la respuesta de la estructura ante fuerzas sísmicas. La aplicación diligente de estas ecuaciones contribuye a la obtención de datos fundamentales para evaluar el punto resistente y comportamiento de la estructura al acontecer eventos sísmicos (Núñez, 2023).

El enfoque metodológico sugerido por el ATC-40 refleja la importancia de utilizar estándares reconocidos en el análisis sísmico, asegurando así la consistencia y la fiabilidad de los resultados obtenidos. Un espectro de capacidad tras la transición de la curva de capacidad según estas directrices proporciona una representación más completa de la capacidad estructural de un edificio, permitiendo a los ingenieros evaluar de manera efectiva la respuesta ante diferentes niveles de demanda sísmica (Pierre & Hidayat, 2020). A fin de transformar la cortante basal en espectro de aceleración se emplea por ecuación:

$$S_a = {V}/{(\alpha_i \times W)}$$

A fin de transformar el desplazamiento del techo en espectro de desplazamiento se emplea por ecuación:

$$S_d = {\Delta_{techo}}/{(PF_i)}$$

Siendo:

Sa: aceleración espectral (g).

V: cortante basal (Ton).

α_i: coeficiente de masa modal para el primer modo natural.

W: peso muerto del edificio más cargas vivas probables (Ton).

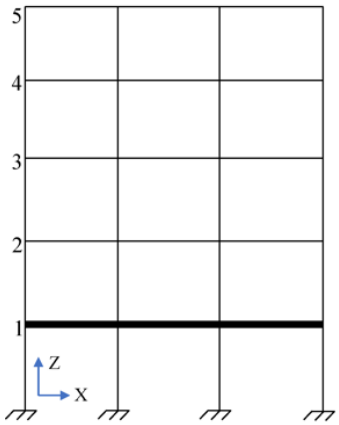
Sd: desplazamiento espectral (m).

Δtecho: desplazamiento del techo (m).

PF_i: factor de participación modal.

En el análisis estructural, la determinación de los valores de α_i y PF_i emerge como un proceso crucial, y su cálculo se realiza considerando diversos factores, en particular, el número de pisos de los edificios en estudio. Es esencial destacar que estos valores no solo dependen de la cantidad de niveles en el edificio, sino que también están intrínsecamente vinculados a la uniformidad de las masas en cada piso y a la condición de que las formas modales de vibración sean rectilíneas (Challagulla et al., 2023).

Figura 4 *Coeficientes de una edificación regular de 5 pisos*



Número de pisos	α1	PF1
1	1	1
2	0.9	1.2
3	0.86	1.3
5	0.82	1.35

Nota. Adaptado de "Assessing the Seismic Demands on Non-Structural Components Attached to Reinforced Concrete Frames", por Challagulla et al., 2023.

Espectro de demanda Sd

El desplazamiento espectral es la abscisa del espectro de respuesta que representa el **desplazamiento máximo que alcanza ese mismo sistema equivalente de un grado de libertad (SDOF)** para un periodo y amortiguamiento determinados bajo la acción sísmica; está directamente relacionado con la demanda de deformación que experimenta la estructura y, en el formato ADRS, se expresa usualmente en unidades de longitud (cm o m).

A fin de ser calculado el espectro inelástico correspondiente al diseño de estructuras definidas en la normativa E.030, expresado por medio de ZUCS divido entre R y multiplicado por g (Ministerio de Vivienda, Construcción y Saneamiento, 2020).

El enfoque estándar establece las condiciones iniciales para evaluar la capacidad de una estructura ante fuerzas sísmicas; sin embargo, para una comprensión más completa y detallada del comportamiento de la estructura, es crucial transformar este espectro de respuesta elástica en un formato más integral conocido como espectros de aceleración-desplazamiento-respuesta (Alaa et al., 2023).

La transformación de la demanda sísmica a formato espectros de acuerdo a la fórmula especificada en este estándar logra admitir la representación del espectro en términos de aceleración y desplazamiento. Esta transición es esencial para obtener una representación más completa de la respuesta de la estructura al ser acontecidos eventos sísmicos, ya que considera tanto la aceleración como el desplazamiento en función del tiempo (He et al., 2023).

La incorporación de la ecuación del Consejo de Tecnología Aplicada para la transformación resalta la importancia de seguir metodologías estandarizadas y

reconocidas en el análisis sísmico, dicho enfoque sistemático garantiza la consistencia y confiabilidad de los resultados obtenidos, proporcionando un rol esencial para tomar decisiones en el diseño estructural (Gaxiola et al., 2021).

$$S_{di} = \frac{T_i^2 S_a g}{4\pi^2}$$

Siendo:

S_{di}: desplazamiento espectral en m.

Sa: aceleración espectral en g.

Ti: periodo en s.

g: gravedad en m/s^2.

Punto de demanda

El punto de demanda representa el estado de desempeño esperado de una estructura cuando se somete a una acción sísmica específica, definiéndose como la condición de equilibrio entre la capacidad estructural y la demanda impuesta por el movimiento del terreno. Este punto se determina en el plano espectral mediante la intersección entre el espectro de capacidad y el espectro de demanda, expresado en términos de desplazamiento espectral (Sd) y aceleración espectral (Sa), lo que permite identificar la combinación de periodo (o frecuencia) y aceleración que caracterizará la respuesta de la estructura durante el evento sísmico. La evaluación del punto de demanda constituye un elemento fundamental en los enfoques de diseño y evaluación basados en desempeño, ya que proporciona información relevante sobre el nivel de deformación esperado, el posible daño estructural y el margen de seguridad disponible frente a condiciones sísmicas determinadas (Naser et al., 2021).

2.2.3 Nivel de desempeño estructural

Según Ribeiro (2022) el documento VISION 2000 establece una conceptualización de desempeño estructural mediante la definición de cuatro objetivos que se vinculan con distintos niveles de daño en las estructuras, dicho enfoque se caracteriza por su naturaleza cualitativa, buscando proporcionar una comprensión detallada de los criterios de evaluación y las metas a alcanzar en términos de comportamiento estructural bajo diversas condiciones. Dentro de ellos se encuentra:

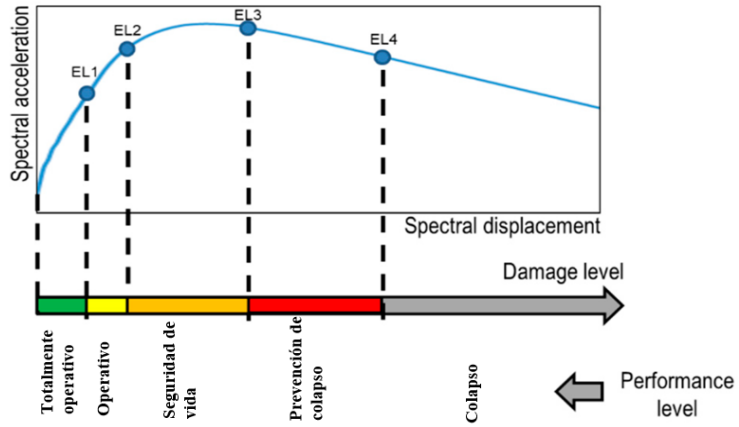
En primer lugar, se destaca la categoría de "Totalmente Operativo (TO)", donde se establece que las estructuras permanecen en servicio continuo sin evidencia de daños en elementos de medio estructural y no estructural; este nivel de desempeño implica una respuesta prácticamente elástica, señalando la capacidad de la estructura para soportar eventos sísmicos sin afectar su funcionalidad esencial.

En el siguiente nivel, denominado "Operativo (O)", se reconoce la presencia de daño ligero; a pesar de este daño, la mayor parte de los servicios y actividades continúan en funcionamiento después del evento sísmico. Algunos elementos estructurales pueden exhibir fenómenos como fluencia o fisuración menor, pero la integridad estructural general se mantiene.

La tercera categoría, "Seguridad de Vidas (SV)", se caracteriza por la presencia de daño moderado; aquí, logra ser observada una minimización de la rigidez y resistencia de la estructura, aunque esta se mantiene estable. La edificación puede quedar fuera de servicio, lo que puede requerir la evacuación de la misma. Además, se contempla la posibilidad de realizar trabajos de reparación, aunque con costos elevados.

El cuarto y último nivel, denominado "Prevención de Colapso", aborda la presencia de daño severo, llegando a evitar el colapso total de la estructura; en esta fase, es posible que los elementos no estructurales sufran caídas o fallas, y se evidencian deformaciones remanentes apreciables. Aunque se evita el colapso, este nivel implica la necesidad de llevar a cabo intervenciones significativas para restablecer la funcionalidad y la seguridad estructural.

Figura 5 *Niveles de desempeño estructural*



Nota. Adaptado de **“**Risk and Resilience Assessment of Lisbon’s School Buildings Based on Seismic Scenarios”, por Ribeiro et al., 2022.

2.2.4 Análisis estático no lineal

La utilización del análisis estático no lineal se remonta a la década de 1970 como una de las primeras metodologías para estimar la respuesta de estructuras bajo cargas sísmicas, formulándose como una alternativa simplificada frente a los análisis dinámicos completos. Sin embargo, **el análisis pushover ha crecido considerablemente en popularidad en las últimas dos décadas** debido a su capacidad para representar de forma razonable el

comportamiento inelástico de edificaciones con un nivel de complejidad y coste computacional relativamente bajos. Este procedimiento se ha consolidado como una técnica práctica para determinar la resistencia global y la capacidad de deriva de estructuras existentes en evaluaciones de desempeño sísmico. Por ello, diversas guías y códigos sísmicos, como **ATC-40 (1996) y FEMA-356 (2000),** han incluido formalmente el análisis pushover como una herramienta en la evaluación de la capacidad sísmica de edificaciones (Yurizka & Rosyidah, 2020).

2.2.4.1 Pushover

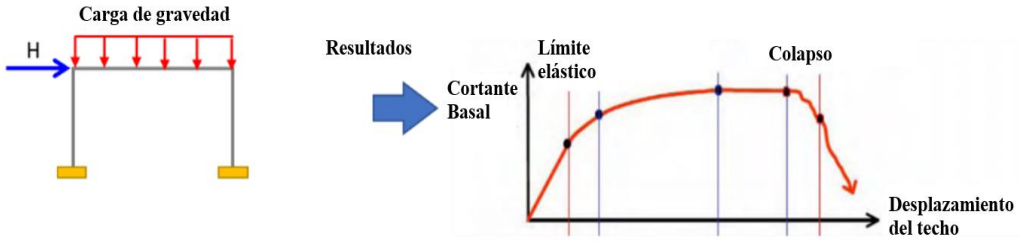
El análisis pushover se clasifica generalmente en enfoques controlados por fuerza y desplazamiento, por medio del método controlado por fuerza, se aplica una carga lateral total incremental, y en cada paso, la matriz de rigidez en las estructuras se ajusta a medida que esta transita del estado elástico al inelástico. Por otro lado, en el método controlado por desplazamiento, se incrementa el desplazamiento de la planta superior de manera que la fuerza horizontal aplicada lateralmente sea proporcional al modo horizontal fundamental de la estructura en esa dirección de carga (Ghimire & Chaulagain, 2021).

Durante el análisis pushover, los modelos tridimensionales de los edificios de concreto reforzado son sometidos tanto a cargas de gravedad como a cargas laterales de desplazamiento monotónico; la carga en la estructura aumenta de manera continua desde el comportamiento elástico hasta el no elástico hasta alcanzar el desplazamiento objetivo, que es el máximo desplazamiento de la planta superior identificado por las directrices estándar bajo el movimiento sísmico seleccionado (Suwondo et al., 2022).

Según Ghimire y Chaulagain (2021) el proceso involucra:

- La creación de modelos de construcción 3D.
- La aplicación de cargas vivas y muertas en un modelo numérico.
- El establecimiento de propiedades a los elementos viga-columna.
- La aplicación de desplazamiento en la planta superior.
- Generación de tablas de desplazamiento del techo versus cortante base o la conocida curva pushover.

Figura 6 *Análisis Pushover*



Nota. Adaptado de "Pushover analysis of reinforced concrete building seismically designed based on SNI 1726-2019", por Suwondo et al., 2022.

2.2.5 Análisis dinámico no lineal

El análisis dinámico no lineal constituye uno de los métodos esenciales a razón de evaluar la respuesta dinámica de las estructuras en varias fases a lo largo de su evolución; por medio de ello, se emplea un conjunto mínimo de tres registros de terremotos ya acontecidos, donde estos mismos deben ser escalados al espectro elástico. Utilizando datos reales, se representan la variabilidad de las fuerzas dinámicas generadas por terremotos (Brandis et al., 2022).

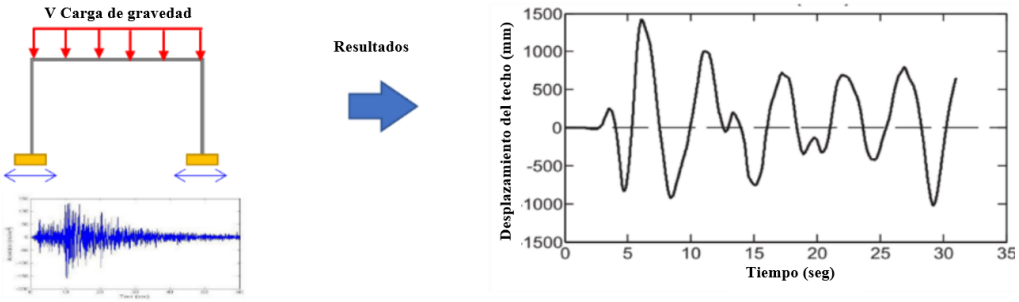
El estudio de la reacción sísmica de los comportamientos estructurales frente a la carga dinámica generada a partir de datos representativos de terremotos pasados se identifica como análisis histórico temporal. En este proceso, los terremotos se emplean para estimular las estructuras durante el análisis dinámico (Ghimire & Chaulagain, 2021).

2.2.5.1 Tiempo historia

Específicamente, por medio del análisis lineal histórico temporal se encarga de calcular la respuesta a las ecuaciones de equilibrio en dinámica en el tiempo definido, utilizando las características de los materiales y la carga ejercida sobre ciertas estructuras (Suwondo et al., 2022).

El objetivo inicial del análisis lineal histórico temporal logra estar centrada en el conocimiento de la demanda de desplazamiento de la respuesta estructural, expresada en términos del desplazamiento de la planta superior. Este enfoque implica un análisis de cómo las propiedades de los materiales y la carga aplicada se combinan para influir en el comportamiento estructural a lo largo del tiempo, proporcionando así una comprensión detallada de la respuesta sísmica bajo condiciones históricas y puntos dinámicos (Ghimire & Chaulagain, 2021).

Figura 7 *Análisis Tiempo Historia*



Nota. Adaptado de "Pushover analysis of reinforced concrete building seismically designed based on SNI 1726-2019", por Suwondo et al., 2022

CAPITULO III: DISEÑO METOLOGICO

3.1. Tipificación de la Investigación

Tipo: Aplicada.

Se enmarcará la investigación de tipo aplicada, dado que establece por fin la aplicación práctica de los conocimientos de medio teórico y metodológico a razón de abordar un problema concreto (Arias et al., 2022). En este caso, se buscará evaluar el desempeño sísmico de la Institución Educativa Pedro Ruiz Gallo con el fin de generar información relevante que pueda ser utilizada para mejorar la resiliencia sísmica de la estructura educativa en la región.

3.2. Diseño de Investigación

El diseño de investigación adoptado es no experimental, lo que significa que no se manipulan variables experimentalmente ni se aplican intervenciones controladas (Arias et al., 2022). Por ello, se recopilarán datos existentes y se realizarán análisis detallados sobre la Institución Educativa Pedro Ruiz Gallo en base a la información disponible, a razón de comprender el comportamiento sísmico de la estructura en condiciones de diseño.

3.3. Enfoque de la Investigación

El enfoque de la investigación será cuantitativo, esto implica ser recopilados y analizados datos numéricos a fin de dar respuesta a las preguntas de investigación establecidas (Hadi et al., 2023). Se utilizarán modelos matemáticos y técnicas de análisis estructural para cuantificar el desempeño sísmico de la infraestructura escolar y obtener valores resultante objetivos y cuantificables.

3.4. Alcance de Investigación

Se tendrá por alcance el descriptivo, dado que este se centra en la caracterización detallada de las características de un elemento (Ruiz & Valenzuela, 2022). En este caso se pretenderá describir y analizar el comportamiento sísmico de la infraestructura escolar a través de la aplicación de técnicas de análisis estático y dinámico no-lineal.

3.5. Variables y Operacionalización.

Variable dependiente:

Desempeño Sísmico

Variable independiente:

Análisis estático y dinámico no lineal

Tabla 1 *Operacionalización de variables*

EVALUACIÓN DEL DESEMPEÑO SÍSMICO DE LA I.E PEDRO RUIZ GALLO-CIUDAD DE ETEN-CHICLAYO-LAMBAYEQUE APLICANDO ANÁLISIS ESTÁTICO Y DINÁMICO NO-LINEAL							
Variable	**Definición conceptual**	**Definición operacional**	**Dimensiones**	**Indicadores**	**Ítems**	**Instrumento**	**Escala de medición**
VD: Desempeño Sísmico	Es el estado proyectado que se anticipa en una estructura después de experimentar un evento sísmico, estando ligado a la magnitud del sismo al que podría estar expuesto (Cardenas et al., 2021).	El desempeño sísmico se determina mediante la evaluación de la capacidad estructural de la estructura en relación con los criterios definidos para diferentes niveles de desempeño estructural.	Capacidad estructural	Derivas	Magnitud de las derivas (%)	Fichas de recolección de datos y Software estructural Etabs	De razón
				Cortante Basal	Mayor fuerza cortante basal (Ton)		
				Períodos	Periodos modales (s)		
				Punto de desempeño	Espectro de capacidad Sa (g)		
					Espectro de demanda Sd (cm)		
			Nivel de desempeño estructural	Desempeño de elementos estructurales y no estructurales	Estado estructural (despreciable, leve, moderado, severo)		
VI: Análisis estático y dinámico no lineal	El análisis estático no lineal considera el comportamiento del material más allá del límite elástico lineal; en el análisis dinámico no lineal, se utilizan movimientos del terreno de registro (Brandis et al., 2022).	El análisis estático no lineal se centra en la carga lateral incremental, mientras que el análisis dinámico no lineal modela la respuesta de la estructura a lo largo del tiempo bajo cargas sísmicas dinámicas.	Análisis estático no lineal	Análisis Pushover	Desplazamiento (mm)	Fichas de recolección de datos y Software estructural Etabs	De razón
					Cortante basal (Ton)		
					Punto de colapso		
			Análisis dinámico no lineal	Análisis tiempo historia	Registros sísmicos		
					Desplazamiento (mm)		
					Cortante basal (Ton)		

Nota. Elaboración propia

3.6. Población y Muestra

3.6.1. Población

La población objeto de estudio estará compuesta por la Institución Educativa Pedro Ruiz Gallo, ubicada en la ciudad de Eten, provincia de Chiclayo, departamento de Lambayeque.

Esta institución educativa representa el foco principal de la investigación, ya que es la estructura de interés para evaluar su desempeño sísmico y aplicar los análisis estáticos y dinámicos no lineales.

3.6.2. Muestreo

La muestra estará comprendida por la I.E Pedro Ruiz Gallo situada en la ciudad de Eten, provincia de Chiclayo, departamento de Lambayeque para dos módulos de aulas de tres niveles, una sala de usos múltiples de tres niveles y un tanque elevado de 24 m de altura con capacidad de 18 m3.

La selección de estos componentes se justifica por su importancia en la infraestructura escolar y su potencial exposición a eventos sísmicos; los módulos de aulas y la sala de usos múltiples son áreas críticas donde se concentra la actividad estudiantil y se espera una alta ocupación en caso de un terremoto. Por otro lado, el tanque elevado representa una estructura auxiliar que también requiere ser evaluada en términos de su resistencia sísmica, dada su función esencial en el suministro de agua dentro de la institución.

3.7. Técnicas e instrumentos de recolección de datos

3.7.1. Técnica

Dentro de las técnicas pertinentes se encontrará el análisis documental y recopilación de información de la I.E en estudio en base a los planos estructurales, especificaciones de diseño, materiales de construcción, información geotécnica del sitio y demás en relación. Otra de las técnicas será el modelamiento estructural en base a la aplicación del análisis estático y dinámico no lineal por medio de la simulación. Se ha llevado a cabo una revisión exhaustiva de documentación relacionada con la infraestructura escolar (Informe técnico), incluyendo informes de estudios de mecánica de suelos y resultados de pruebas donde los valores específicos obtenidos de estos estudios y los parámetros relacionados al diseño sísmico (Reglamento Nacional de Edificaciones y la Norma Técnica de Edificación E-030) serán utilizados en el análisis estructural.

De igual manera, el procedimiento que será empleado para alcanzar los objetivos

delineados se describe a continuación:

- Recopilación exhaustiva de información relevante.
- Revisión detallada de normativas alineadas con la investigación, incluyendo la Norma E.020, E.030, E.070, FEMA 440.
- Análisis meticuloso de la información extraída del proyecto (Informe técnico, mecánicas de suelos, normas del Reglamento Nacional de Edificaciones, propiedades del concreto y acero).
- Digitalización precisa de los planos relacionados.
- Modelado detallado de la estructura en cuestión.
- Ejecución del análisis estático no lineal "Pushover" para el alcance de la curva de capacidad y el conocimiento de los puntos máximos de la estructura.
- Estimación del punto de desempeño utilizando la metodología de coeficientes establecidos por FEMA 440.
- Aplicación del análisis dinámico no lineal al proyecto de la estructura.

Estudio exhaustivo del desempeño sísmico, además de la exploración de alternativas de refuerzo, si resultara necesario.

3.7.2. Instrumento

Dentro de ello se encuentra la ficha de recolección de datos basado en el registro de los valores alcanzados por medio del modelado estructural con ayuda del Software ETABS, de igual forma será requerido datos históricos de aceleración sísmica, así como de planos, especificaciones y documentos relacionados al proyecto.

De los planos identificados se considerarán a nivel arquitectónico y estructural del colegio en estudio, para la posterior simulación y planteamiento de mejoras.

Del estudio de mecánica de suelos se contemplará la presencia de nivel freático, dado que durante la excavación a 1.20m (C-01) se evidencia nivel freático de 0.81 kg/cm2, a 1.50m (C-02) se evidencia nivel freático de 0.68 kg/cm2, a 1.30m (C-03 y C-04) se evidencia nivel freático de 0.89 kg/cm2 y 0.84 kg/cm2, además para (C-05) se evidencia nivel freático de 0.86 kg/cm2 y a 1.60m (C-06) se evidencia nivel freático de 0.90 kg/cm2.

Dentro de las especificaciones técnicas se considerará del área en estudio donde está ubicada, perteneciente a la zona de sismicidad N°4 (zona de alta sismicidad) de acuerdo al Reglamento Nacional de Edificaciones y la Norma Técnica de Edificación E-030 “Diseño Sismorresistente”, por lo que se deberá tener presente la posibilidad de que ocurren sismos de considerable magnitud, con intensidad tan alta como VII a XI en la escala de Mercalli

modificado.

Respecto a los documentos se tomará en consideración la información brindada por el informe técnico vinculado al estudio de mecánica de suelos con fines de cimentación de la I.E. Pedro Ruiz Gallo, Ciudad Eten – Chiclayo.

Las propiedades mecánicas del concreto respecto a su resistencia a la compresión en elementos de confinamiento deberán ser mayor o igual a 175 kg/cm2, contemplando un peso unitario de 2400 kg/cm3 y Módulo de Poisson μ de 0.15. Las propiedades del acero fueron de un peso unitario de 7850 kg/m3, módulo de elasticidad de 2000000 kg/cm2 y esfuerzo de fluencia fy de 4200 kg/cm2

3.7.3. Equipos y Materiales

El enfoque se centró en el modelado en ETABS, un software de análisis estructural y diseño, siendo los equipos y materiales necesarios principalmente de naturaleza informática, estos mismos son enlistados para realizar el modelado en ETABS:

- Computadora.
- USB.
- Impresora.
- Calculadora Científica.
- Licencia de Software ETABS.
- Cámaras digitales.
- Libreta de apuntes.
- Bolígrafos.
- Planos.
- Especificaciones estructurales de la I.E.
- Manuales y normativas actualizadas.

CAPITULO IV: RESULTADOS Y DISCUSIONES

4.1.Punto de Desempeño

4.1.1. Punto de desempeño del pabellón de Aulas.

Tabla 2 *Punto de desempeño estructural del pabellón de aulas*

Dirección	Sd (cm)	Sa (g)	Periodo (s)	Nivel de desempeño
X–X	5.63	1.25	0.446	IO–LS
Y–Y	5.95	1.53	0.400	IO–LS

La Tabla resume los valores del punto de desempeño estructural del pabellón de aulas obtenidos mediante el método de linealización equivalente FEMA 440 para ambas direcciones principales de análisis, observándose que en la dirección X–X el desempeño se alcanza para un desplazamiento espectral del orden de 5.63 cm y una aceleración espectral de 1.25 g, mientras que en la dirección Y–Y se obtiene un desplazamiento espectral cercano a 5.95 cm con una aceleración espectral de 1.53 g. Estos resultados indican que la estructura es capaz de satisfacer la demanda sísmica considerada sin desarrollar deformaciones excesivas ni comprometer su estabilidad global, presentando períodos efectivos comprendidos entre 0.40 y 0.45 s, compatibles con edificaciones de baja a mediana altura. Asimismo, las diferencias observadas entre ambas direcciones se atribuyen a la distribución de rigidez y masa del sistema estructural; no obstante, en ambos casos la intersección entre la curva de capacidad y el espectro de demanda se produce antes de alcanzar estados de daño severo, lo cual es consistente con los resultados del análisis pushover y confirma un comportamiento sísmico controlado con demanda inelástica moderada y adecuada capacidad de disipación de energía.

Tabla 3 *Punto de desempeño del módulo de AULAS según Matriz de desempeño de Visión 2000*

Desempeño Real de la Estructura (Esenciales)							
Dirección	Sismo de Diseño	Totalmente Operacional	Operacional	Seguridad de Vida	Cerca del Colapso	COLAPSO	¿Cumple Objetivo de Desempeño?
		TO	O	SV	PC	C	
X-X	Ocasional						SI
	Raro						SI
	Muy Raro						SI
Y-Y	Ocasional						SI
	Raro						SI
	Muy Raro						SI

Desde la perspectiva de la filosofía de diseño basada en desempeño establecida en Visión 2000, el pabellón de aulas presenta un comportamiento sísmico compatible con los

objetivos de desempeño definidos para edificaciones educativas. Los puntos de desempeño obtenidos mediante el método de linealización equivalente FEMA 440 permiten ubicar la respuesta estructural dentro de los niveles Operacional y Seguridad de Vida para los distintos escenarios sísmicos considerados, evidenciando que la estructura es capaz de controlar el daño y mantener su estabilidad global. La intersección entre la curva de capacidad y el espectro de demanda se produce antes de alcanzar estados de daño severo, lo cual implica que las deformaciones inelásticas desarrolladas son moderadas y coherentes con los límites aceptables de desempeño establecidos por Visión 2000. Asimismo, la similitud en los niveles de desempeño alcanzados en ambas direcciones principales indica una adecuada distribución de rigidez y masa, permitiendo un comportamiento sísmico balanceado y una disipación de energía eficiente sin comprometer la funcionalidad ni la seguridad estructural.

4.1.2. Punto de desempeño del SUM.

Los valores obtenidos del punto de desempeño estructural para del SUM se resumen en la siguiente tabla, elaborada a partir de los datos contenidos en el archivo Excel de desempeño sísmico.

Tabla 4 *Punto de desempeño estructural del SUM*

Dirección	Sd (cm)	Sa (g)	Periodo (s)	Nivel
X-X	12.94	1.68	0.56	IO
Y-Y	4.8	1	0.44	IO

La tabla resumen del punto de desempeño del Salón de Usos Múltiples (SUM), obtenida mediante el método de linealización equivalente FEMA 440, presenta los valores finales de desplazamiento espectral (Sd), aceleración espectral (Sa) y período efectivo (T) para ambas direcciones principales de análisis, evidenciando una respuesta estructural diferenciada. En la dirección X, el punto de desempeño se alcanza con un desplazamiento espectral aproximado de 12.94 cm, una aceleración espectral cercana a 1.68 g y un período efectivo del orden de 0.56 s, lo que refleja una mayor flexibilidad estructural y mayores demandas de deformación; mientras que en la dirección Y se obtiene un desplazamiento espectral cercano a 4.80 cm, una aceleración espectral aproximada de 1.00 g y un período efectivo de 0.44 s, indicando una respuesta más rígida y controlada. Estas diferencias confirman que la dirección X gobierna la respuesta sísmica global del SUM; sin embargo, en ambas direcciones el punto de desempeño se define por una intersección estable entre la curva de capacidad y el espectro de demanda reducido, ubicándose dentro de rangos asociados a niveles de daño leve a moderado, con estados de rótulas predominantemente A–IO e IO–LS. Este comportamiento es consistente con

los resultados del análisis pushover y confirma que la estructura es capaz de disipar energía sin pérdida significativa de capacidad resistente ni desarrollo de mecanismos globales de colapso, cumpliendo los criterios de desempeño aceptables para edificaciones de uso público.

Tabla 5 *Punto de desempeño del módulo de SUM según Matriz de desempeño de Visión 2000*

Desempeño Real del SUM (Esenciales)							
Dirección	Sismo de Diseño	Totalmente Operacional	Operacional	Seguridad de Vida	Cerca del Colapso	COLAPSO	¿Cumple Objetivo de Desempeño?
		TO	O	SV	PC	C	
X-X	Ocasional						SI
	Raro						SI
	Muy Raro						SI
Y-Y	Ocasional						SI
	Raro						SI
	Muy Raro						SI

De acuerdo con la Matriz de Desempeño de Visión 2000, el Salón de Usos Múltiples presenta un comportamiento sísmico satisfactorio frente al sismo de diseño, cumpliendo los objetivos de desempeño establecidos para edificaciones de uso público. En la dirección X–X, que gobierna la respuesta estructural global, el punto de desempeño se ubica en estados Operacional y Seguridad de Vida para sismos ocasionales y raros, respectivamente, coherente con los mayores desplazamientos espectrales y períodos efectivos obtenidos mediante el método FEMA 440. En la dirección Y–Y, la estructura exhibe un comportamiento más rígido y controlado, alcanzando niveles de desempeño Totalmente Operacional y Operacional para eventos de menor severidad. En ambas direcciones, la presencia predominante de rótulas en los rangos A–IO e IO–LS confirma un nivel de daño leve a moderado, sin pérdida significativa de rigidez ni formación de mecanismos globales de colapso, lo cual es consistente con una adecuada capacidad de disipación de energía.

4.1.3. Punto de desempeño del Tanque elevado.

La determinación del punto de desempeño mediante la metodología de linealización equivalente FEMA 440 permitió comparar de forma directa la capacidad estructural del tanque elevado con la demanda sísmica impuesta. Los resultados muestran que la intersección entre la curva de capacidad y el espectro de demanda se produce en un tramo avanzado de la curva de capacidad, especialmente en la dirección Y, donde el equilibrio se alcanza a desplazamientos espectrales elevados y con aceleraciones espectrales significativas. Esta condición implica que la estructura debe incursionar en un régimen altamente inelástico para satisfacer la demanda sísmica, lo cual es consistente con la aparición de rótulas en estados LS–CP y >CP observadas en el análisis pushover. En la dirección X, si bien el punto de desempeño se alcanza con

menores niveles de daño, este igualmente se sitúa fuera del rango elástico, evidenciando una capacidad limitada para absorber la demanda sísmica sin desarrollar deformaciones significativas.

Tabla 6 *Punto de desempeño del tanque de elevado según Matriz de desempeño de Visión 2000*

Desempeño Real de la Estructura (Esenciales)							
Dirección	Sismo de Diseño	Totalmente Operacional	Operacional	Seguridad de Vida	Cerca del Colapso	COLAPSO	¿Cumple Objetivo de Desempeño?
		TO	O	SV	PC	C	
X-X	Ocasional						NO
	Raro						NO
	Muy Raro						NO
Y-Y	Ocasional						NO
	Raro						NO
	Muy Raro						NO

De acuerdo con la Matriz de Desempeño de Visión 2000, los resultados obtenidos para el tanque elevado evidencian que la estructura no alcanza los objetivos de desempeño establecidos para el sismo de diseño en ninguna de las direcciones analizadas. En la dirección X–X, aunque la respuesta estructural se asocia a niveles de daño moderados, el punto de desempeño se localiza fuera del rango elástico, incumpliendo los estados de Totalmente Operacional, Operacional y Seguridad de Vida, incluso para niveles de ocurrencia ocasional y rara. Esta condición indica una capacidad insuficiente para controlar desplazamientos y daños bajo la demanda sísmica considerada. En la dirección Y–Y, el comportamiento es más desfavorable, ya que el punto de desempeño se alcanza en estados cercanos al colapso, lo cual concuerda con la formación de rótulas plásticas en niveles LS–CP y superiores, reflejando una respuesta altamente inelástica y una vulnerabilidad significativa frente a sismos de mayor intensidad. En consecuencia, la estructura no satisface los criterios de desempeño esperados según Visión 2000, evidenciando deficiencias en su capacidad sísmica global.

4.2.Análisis dinámico no lineal tiempo-historia

4.2.1. Análisis dinámico no lineal tiempo-historia del pabellón de Aulas

Tabla 7 *Derivas máximas por piso del pabellón de aulas – Análisis tiempo–historia (Dirección X)*

Nivel	Deriva máxima (m)	Deriva relativa crítica	Cumple Norma
Story 3	0.000254	1/3933	Sí
Story 2	0.000315	1/3174	Sí
Story 1	0.00027	1/3704	Sí

El resumen de derivas críticas por nivel evidencia que el segundo piso presenta la mayor demanda de deformación lateral en la dirección Y; sin embargo, el valor registrado es significativamente menor al límite normativo permisible. Los niveles superior e inferior muestran derivas aún menores, lo que refleja un comportamiento estructural estable y sin indicios de irregularidades significativas en altura. Estos resultados confirman que la estructura mantiene un adecuado control de desplazamientos laterales bajo excitaciones sísmicas severas, validando su seguridad estructural en esta dirección.

***Tabla 8**. Derivas máximas obtenidas del análisis dinámico no lineal tiempo–historia – Dirección Y*

Nivel	Registro sísmico	Deriva máxima (m)	Deriva relativa
Story 3	TH-LIMA-74-YY	0.000215	1/4647
Story 3	TH-LIMA-66-YY	0.000254	1/3933
Story 3	TH-ICA-2007-YY	0.000205	1/4883
Story 2	TH-LIMA-74-YY	0.000276	1/3628
Story 2	TH-LIMA-66-YY	0.000315	1/3174
Story 2	TH-ICA-2007-YY	0.000266	1/3760
Story 1	TH-LIMA-74-YY	0.000258	1/3877
Story 1	TH-LIMA-66-YY	0.00027	1/3704
Story 1	TH-ICA-2007-YY	0.000245	1/4089

Los resultados obtenidos del análisis dinámico no lineal tiempo–historia evidencian un comportamiento estructural adecuado del pabellón de aulas frente a los registros sísmicos seleccionados, tanto en la dirección X como en la dirección Y. Las historias temporales de cortante basal muestran una respuesta oscilatoria estable, sin incrementos súbitos ni pérdida de capacidad resistente, lo que indica que la estructura es capaz de disipar la energía sísmica de manera eficiente. Asimismo, las derivas máximas por nivel se mantienen significativamente por debajo de los límites establecidos por la Norma E.030, sin concentraciones críticas de deformación ni formación de mecanismos inestables. En particular, la dirección Y presenta derivas aún menores en comparación con la dirección X, lo que sugiere una mayor rigidez lateral en dicha dirección. Estos resultados son consistentes con el comportamiento esperado de una edificación educativa diseñada con un sistema estructural regular, confirmando que la respuesta dinámica global se encuentra dentro de rangos seguros y controlados.

4.2.2. Análisis dinámico no lineal tiempo-historia del SUM

Tabla 9 *Derivas máximas por piso del SUM – Análisis tiempo–historia (Dirección X)*

Piso	Deriva máxima (Δ/h)	Equivalente	Verificación E.030
1° Piso	0.002954	1/339	Cumple
2° Piso	**0.004024**	1/249	Cumple
3° Piso	0.003271	1/306	Cumple
Máxima global	**0.004024**	1/249	Cumple

La mayor deriva en la dirección X se presenta en el segundo piso, con un valor de 0.004024, el cual es significativamente menor al límite máximo permitido por la Norma E.030 para edificaciones de concreto armado (0.007). Esto indica que la estructura presenta un comportamiento adecuado frente a solicitaciones sísmicas en esta dirección, manteniendo deformaciones controladas y sin riesgo de daño estructural significativo.

Tabla 10 *Desplazamientos máximos globales del SUM – Análisis tiempo–historia (Dirección X)*

Piso	Desplazamiento máximo (m)	Desplazamiento máximo (cm)
X	**0.0133**	**1.33**

Tabla 11 *Derivas máximas por piso del SUM – Análisis tiempo–historia (Dirección Y)*

Piso	Deriva máxima (Δ/h)	Equivalente	Verificación E.030
1° Piso	0.000152	1/6581	Cumple
2° Piso	**0.000185**	1/5406	Cumple
3° Piso	0.000165	1/6052	Cumple
Máxima global	**0.000185**	1/5406	Cumple

En la dirección Y se observan derivas considerablemente menores en comparación con la dirección X, evidenciando una mayor rigidez estructural en este sentido. La deriva máxima registrada es de 0.000185, valor muy por debajo del límite normativo, lo que confirma que la estructura responde de manera favorable ante la demanda sísmica, con deformaciones prácticamente despreciables.

Tabla 12 *Desplazamiento máximo del análisis dinámico no lineal tiempo–historia – Dirección Y*

Piso	Desplazamiento máximo (m)	Desplazamiento máximo (cm)
Y	**0.006**	**0.06**

El análisis dinámico no lineal tiempo–historia aplicado al SUM del colegio permitió evaluar el comportamiento real de la estructura frente a registros sísmicos representativos en ambas direcciones principales. A partir de los historiales de fuerza cortante basal, desplazamientos y derivas de entrepiso, se observó que la respuesta estructural está dominada por los primeros instantes del sismo, donde se concentran los mayores picos de demanda, para luego presentar una reducción progresiva de amplitudes, evidenciando una adecuada disipación de energía. Las derivas máximas por piso obtenidas se mantienen por debajo de los límites establecidos por la normativa vigente, sin concentraciones excesivas en un nivel específico, lo que descarta la formación de mecanismos de piso blando. Asimismo, los desplazamientos máximos globales resultan coherentes con la altura y rigidez del sistema estructural, confirmando que, aun bajo excitaciones sísmicas severas, la estructura conserva estabilidad global y control de deformaciones, sin indicios de comportamiento dinámico inestable o colapso progresivo.

4.2.3. Análisis dinámico no lineal tiempo-historia del Tanque elevado

Como resultado del análisis dinámico no lineal, se obtuvieron historias de desplazamiento, cortante basal, aceleraciones y estados de rótulas plásticas para cada registro sísmico aplicado. Estos resultados constituyen la base para la evaluación del nivel de desempeño estructural del tanque elevado, permitiendo una comparación directa con los resultados obtenidos mediante el análisis estático no lineal desarrollado en los objetivos anteriores.

Tabla 13 *Derivas máximas globales – Análisis tiempo–historia*

Dirección	Deriva máxima	Límite típico normativo*	Cumple
X	0.01928	0.007 – 0.010	✗ No
Y	0.01833	0.007 – 0.010	✗ No

Las derivas máximas obtenidas en ambas direcciones superan ampliamente los límites normativos recomendados, alcanzando valores cercanos a 0.02, lo que evidencia un

comportamiento fuertemente inelástico del sistema estructural del tanque elevado. Esta condición indica una concentración excesiva de deformaciones laterales, principalmente en los niveles intermedios del fuste, lo cual compromete el desempeño sísmico global de la estructura y sugiere la necesidad de incrementar la rigidez lateral o modificar el esquema estructural

4.3.Nivel de desempeño

La evaluación del comportamiento sísmico del pabellón de aulas, a partir de la integración de los análisis: estático no lineal (pushover) y dinámico no lineal (tiempo–historia), permite concluir que la edificación alcanza el nivel de desempeño estructural de *Ocupación Inmediata (Immediate Occupancy, IO),* conforme a los criterios establecidos en FEMA 440 y ASCE 41. La distribución y estado de las rótulas plásticas evidencian una predominancia de rótulas en los rangos A–B y A–IO, con presencia limitada de rótulas en estado B–C únicamente en vigas secundarias, lo que confirma que la disipación de energía se desarrolla de manera controlada en elementos no críticos, sin afectar la estabilidad ni la capacidad resistente de las columnas. Asimismo, el punto de desempeño obtenido mediante la intersección de la curva de capacidad y el espectro de demanda se ubica en un rango de desplazamientos moderados, previo al desarrollo de daño estructural significativo, lo cual es consistente con las derivas máximas de entrepiso obtenidas del análisis tiempo–historia, las cuales se mantienen por debajo de los límites normativos, validando una respuesta estructural estable, sin evidencia de mecanismos de colapso ni pérdidas relevantes de rigidez o resistencia.

La concentración exclusiva de rótulas plásticas en el rango A–B, con estatus A–IO, evidencia que el SUM del colegio alcanza el nivel de desempeño estructural de *Ocupación Inmediata (Immediate Occupancy, IO)* **frente a las demandas sísmicas consideradas.** Este comportamiento refleja que los elementos estructurales permanecen mayoritariamente en el régimen elástico, sin incursiones inelásticas significativas, lo cual es consistente con un adecuado dimensionamiento y una apropiada distribución de rigideces y resistencias del sistema estructural. Asimismo, la ausencia total de rótulas en estados intermedios o severos confirma que la estructura no desarrolla mecanismos de daño progresivo ni concentraciones críticas de deformación, incluso bajo la acción de registros sísmicos representativos. Estos resultados se correlacionan con los bajos niveles de deriva y con la ubicación del punto de desempeño dentro de rangos aceptables, validando la seguridad estructural, la estabilidad global y la funcionalidad inmediata del sistema conforme a los criterios establecidos en FEMA 440.

Los resultados obtenidos a partir de los análisis no lineales evidencian que la estructura desarrolla un comportamiento altamente inelástico bajo los escenarios sísmicos considerados, reflejado en la superación de los límites normativos de deriva establecidos para análisis lineales, condición coherente con el enfoque de evaluación basada en desempeño adoptado en la presente investigación, en el cual la deriva se interpreta como un indicador de daño y no como un criterio absoluto de falla, la distribución de rótulas plásticas muestra una predominancia de los estados A–B y B–C, con presencia significativa de rótulas en los rangos IO–LS y **LS–CP**, así como la **aparición de rótulas en condición de colapso**, lo que indica una degradación severa de la rigidez y la capacidad resistente, con formación de mecanismos de daño avanzado. Asimismo, el punto de desempeño determinado mediante la metodología FEMA 440 se ubica **más allá del dominio correspondiente al nivel de desempeño Prevención de Colapso (Collapse Prevention, CP),** validando que la respuesta estructural observada conduce al desarrollo de **mecanismos de falla generalizada**, comprometiendo la estabilidad global de la estructura y evidenciando que el desempeño sísmico alcanzado **no cumple con los objetivos de desempeño estructural establecidos para el nivel de amenaza sísmica analizado**.

4.4.Propuesta de reforzamiento

Figura 8. *Dimensiones y detalles de columnas iniciales de tanque elevado*

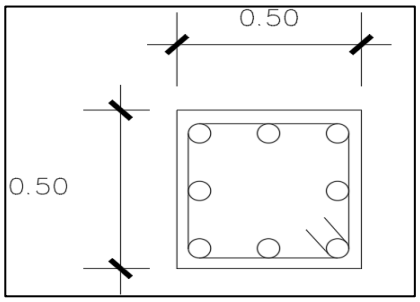


Figura 9 *Propuesta de reforzamiento para columnas*

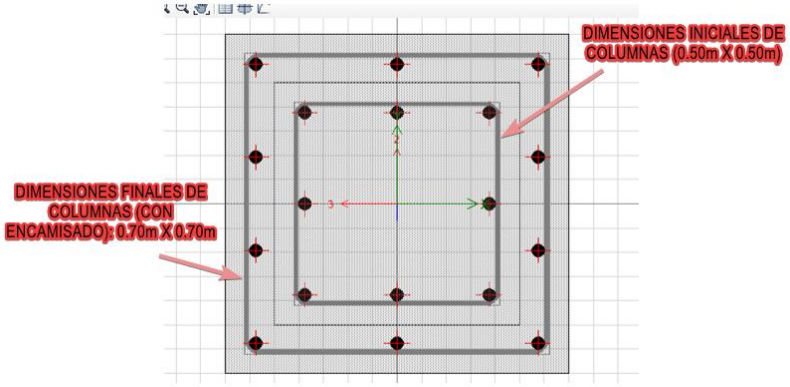


Tabla 14. *Resumen de resultados del reforzamiento.*

Parámetro	Dirección X	Dirección Y	Criterio / Interpretación
Deriva máxima absoluta	0.006889 (≈ 1/145)	0.004739 (≈ 1/211)	Límite normativo = 0.007
Ubicación crítica	+13.00 m a +18.20 m	+13.00 m a +15.60 m	Niveles intermedios–superiores
Relación con el límite	Muy cercana al límite	Holgura moderada	X gobierna la respuesta
Comportamiento global	Más flexible	Más rígido	Distribución de rigidez
Estados de rótulas dominantes	A–B / A–IO	A–B / A–IO	Daño leve
Rótulas B–C	Localizadas	Localizadas	Inelasticidad incipiente
Rótulas LS–CP / >CP	No presentes	No presentes	Sin daño severo
Cumplimiento normativo	Cumple	Cumple	Reserva limitada en X
Necesidad de reforzamiento	Recomendado	Preventivo	Mejora de desempeño

El análisis del estado de rótulas plásticas del tanque elevado demuestra que la estructura presenta un desempeño sísmico favorable, caracterizado por una respuesta mayoritariamente elástica con incursiones controladas en el rango inelástico inicial. La escasa presencia de rótulas en el rango B–C indica que solo algunos elementos secundarios o zonas localizadas comienzan a experimentar daños moderados, mientras que la predominancia del estado A–IO confirma que la capacidad resistente y la integridad estructural global se conservan. No obstante, considerando la importancia funcional del tanque elevado y la cercanía de algunas derivas al límite normativo, el reforzamiento mediante encamisado de columnas y vigas se plantea como

una estrategia eficaz para incrementar la rigidez lateral, reducir las deformaciones y desplazar completamente la respuesta estructural hacia estados de daño leve, aumentando el margen de seguridad sísmica sin alterar el esquema estructural original.

CAPITULO V: CONCLUSIONES Y RECOMENDACIONES

5.1.Conclusiones

- El análisis estático no lineal Pushover permitió identificar el comportamiento inelástico de los principales componentes estructurales de la Institución Educativa Pedro Ruiz Gallo. Los resultados evidenciaron que el pabellón de aulas alcanzó niveles de desempeño comprendidos entre Ocupación Inmediata (IO) y Seguridad de Vida (LS), con desplazamientos espectrales de 5.63 cm y 5.95 cm en las direcciones X-X e Y-Y, respectivamente. Asimismo, el SUM presentó un comportamiento favorable con desplazamientos espectrales de 12.94 cm en la dirección X-X y 4.80 cm en la dirección Y-Y, manteniéndose dentro del nivel de Ocupación Inmediata. En contraste, el tanque elevado desarrolló rótulas plásticas en estados LS-CP y superiores, evidenciando una respuesta altamente inelástica y una insuficiente capacidad para resistir adecuadamente la demanda sísmica considerada.
- La determinación del punto de desempeño mediante la metodología FEMA 440 permitió establecer que el pabellón de aulas alcanzó valores de aceleración espectral de 1.25 g y 1.53 g con períodos efectivos de 0.446 s y 0.400 s para las direcciones X-X e Y-Y, respectivamente. Por su parte, el SUM alcanzó aceleraciones espectrales de 1.68 g y 1.00 g con períodos efectivos de 0.56 s y 0.44 s en las direcciones X-X e Y-Y. Los puntos de desempeño obtenidos se ubicaron dentro de los rangos aceptables definidos por la filosofía de diseño basada en desempeño. Sin embargo, en el tanque elevado la intersección entre la curva de capacidad y el espectro de demanda se produjo en una zona avanzada de comportamiento inelástico, evidenciando una capacidad insuficiente para satisfacer las exigencias sísmicas sin incurrir en daños severos.

- Los resultados del análisis dinámico no lineal tiempo-historia demostraron que el pabellón de aulas presenta un adecuado control de deformaciones, registrando derivas máximas de 0.000315 en el segundo nivel y relaciones de deriva de hasta 1/3174, valores considerablemente inferiores a los límites establecidos por la Norma E.030. De manera similar, el SUM alcanzó una deriva máxima de 0.004024 en la dirección X-X y 0.000185 en la dirección Y-Y, manteniéndose por debajo del límite normativo de 0.007. Asimismo, los desplazamientos máximos globales fueron de 1.33 cm y 0.60 cm para las direcciones X e Y, respectivamente. En contraste, el tanque elevado presentó derivas máximas de 0.01928 y 0.01833 en las direcciones X-X e Y-Y, superando ampliamente los límites permisibles y evidenciando una condición de vulnerabilidad sísmica significativa.
- La evaluación integral de los análisis estático y dinámico no lineal permitió determinar que el pabellón de aulas y el SUM alcanzan el nivel de desempeño de Ocupación Inmediata (IO), conforme a los criterios establecidos por FEMA 440. La distribución de rótulas plásticas se concentró predominantemente en los rangos A-B y A-IO, sin desarrollo de mecanismos globales de falla ni pérdida significativa de rigidez estructural. Por otro lado, el tanque elevado presentó una respuesta asociada a estados de Prevención de Colapso (CP) y condiciones cercanas al colapso según los criterios de Visión 2000, debido a la presencia de rótulas en los rangos IO-LS, LS-CP y superiores, incumpliendo los objetivos de desempeño exigidos para estructuras esenciales.
- La propuesta de reforzamiento estructural desarrollada para el tanque elevado consistió en el encamisado de concreto armado de las columnas y vigas, incrementando las dimensiones de las columnas de **50 cm x 50 cm** a **70 cm x**

70 cm, además de aumentar la cuantía de acero de refuerzo para mejorar la rigidez lateral, resistencia y ductilidad del sistema estructural. Los resultados obtenidos mediante los análisis no lineales posteriores al reforzamiento evidenciaron una mejora significativa en el comportamiento sísmico de la estructura, reduciendo las derivas máximas a 0.006889 (≈1/145) en la dirección X-X **y** 0.004739 (≈1/211) en la dirección Y-Y, cumpliendo con el límite normativo de **0.007** establecido por la Norma E.030. Asimismo, desaparecieron las rótulas plásticas asociadas a estados de daño severo (LS-CP y >CP), predominando únicamente rótulas en los rangos A-B y A-IO, correspondientes a daño leve. En consecuencia, el reforzamiento propuesto permitió que el tanque elevado alcance un comportamiento sísmico satisfactorio, incrementando su capacidad resistente y garantizando niveles de desempeño compatibles con los criterios de seguridad exigidos para estructuras esenciales.

5.2. Recomendaciones

- Se recomienda implementar medidas de reforzamiento estructural en el tanque elevado, priorizando la dirección Y, mediante técnicas como encamisado de columnas y vigas, con el fin de incrementar su capacidad resistente, ductilidad y control de deformaciones, garantizando un desempeño sísmico compatible con los criterios de seguridad establecidos para estructuras esenciales.
- Se sugiere mantener un programa periódico de inspección y mantenimiento estructural en el pabellón de aulas y el Salón de Usos Múltiples, orientado a la identificación temprana de fisuras, corrosión del refuerzo y posibles degradaciones de rigidez, con el objetivo de preservar el nivel de desempeño sísmico satisfactorio evidenciado en los análisis no lineales.

- Para estudios futuros, se recomienda complementar la evaluación sísmica mediante análisis de interacción suelo–estructura y la consideración de registros sísmicos locales adicionales, a fin de obtener una caracterización más precisa de la demanda sísmica y optimizar las estrategias de reforzamiento estructural propuestas.
- Se recomienda el reforzamiento mediante encamisado de columnas y vigas con concreto de alta resistencia y acero, ya que este método permite incrementar la rigidez, la capacidad de disipación de energía y el control de derivas de manera efectiva, asegurando un desempeño estructural predominantemente elástico y seguro. Si bien alternativas como refuerzos con fibras de carbono o perfiles metálicos son menos invasivas, requieren mano de obra altamente especializada, equipos importados y costos significativamente mayores, lo que puede hacerlas menos viables para la escala del tanque elevado. El encamisado constituye una solución económica, localmente ejecutable y confiable, con beneficios duraderos y con procedimientos de construcción compatibles con la experiencia técnica disponible.

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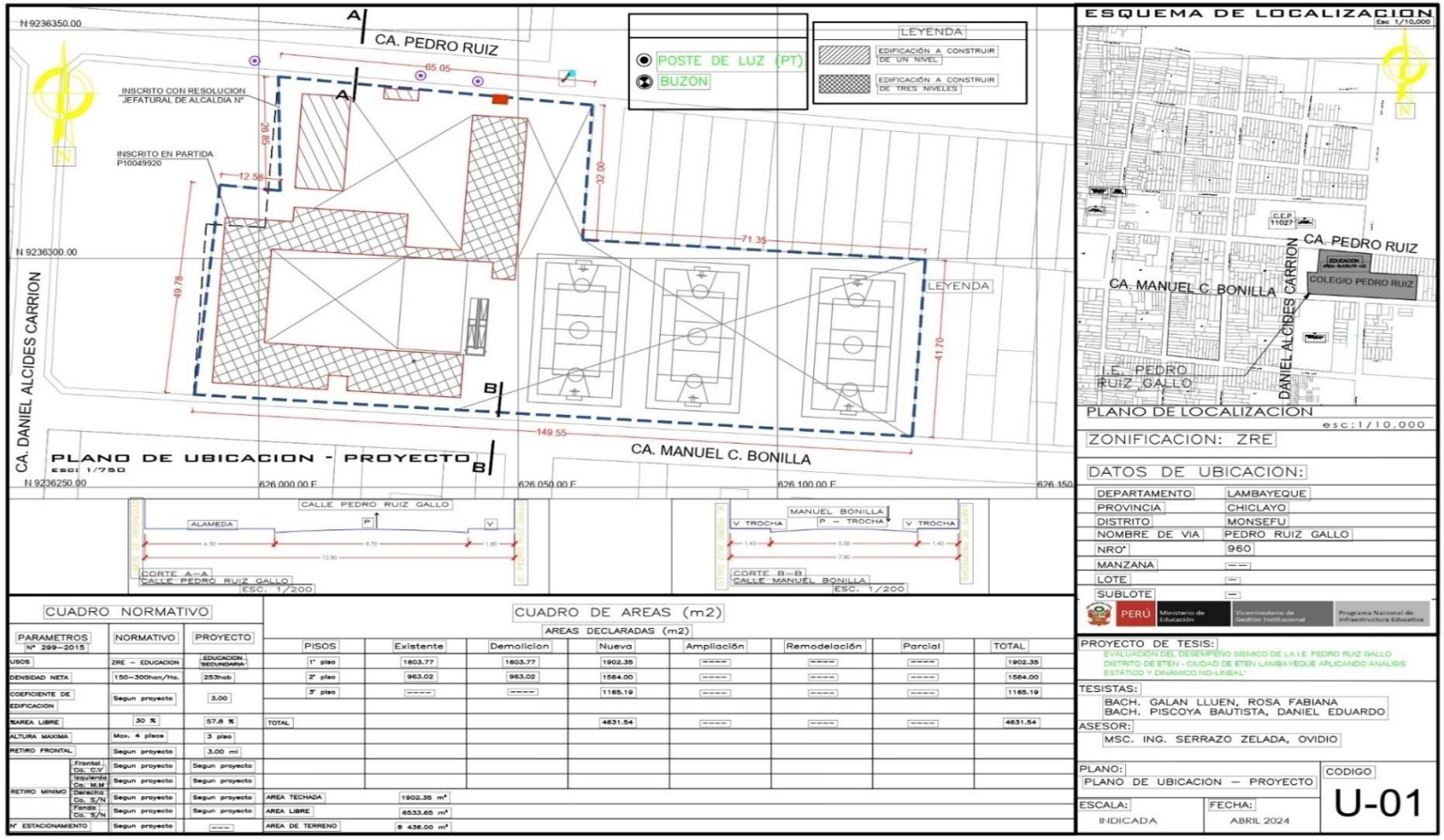
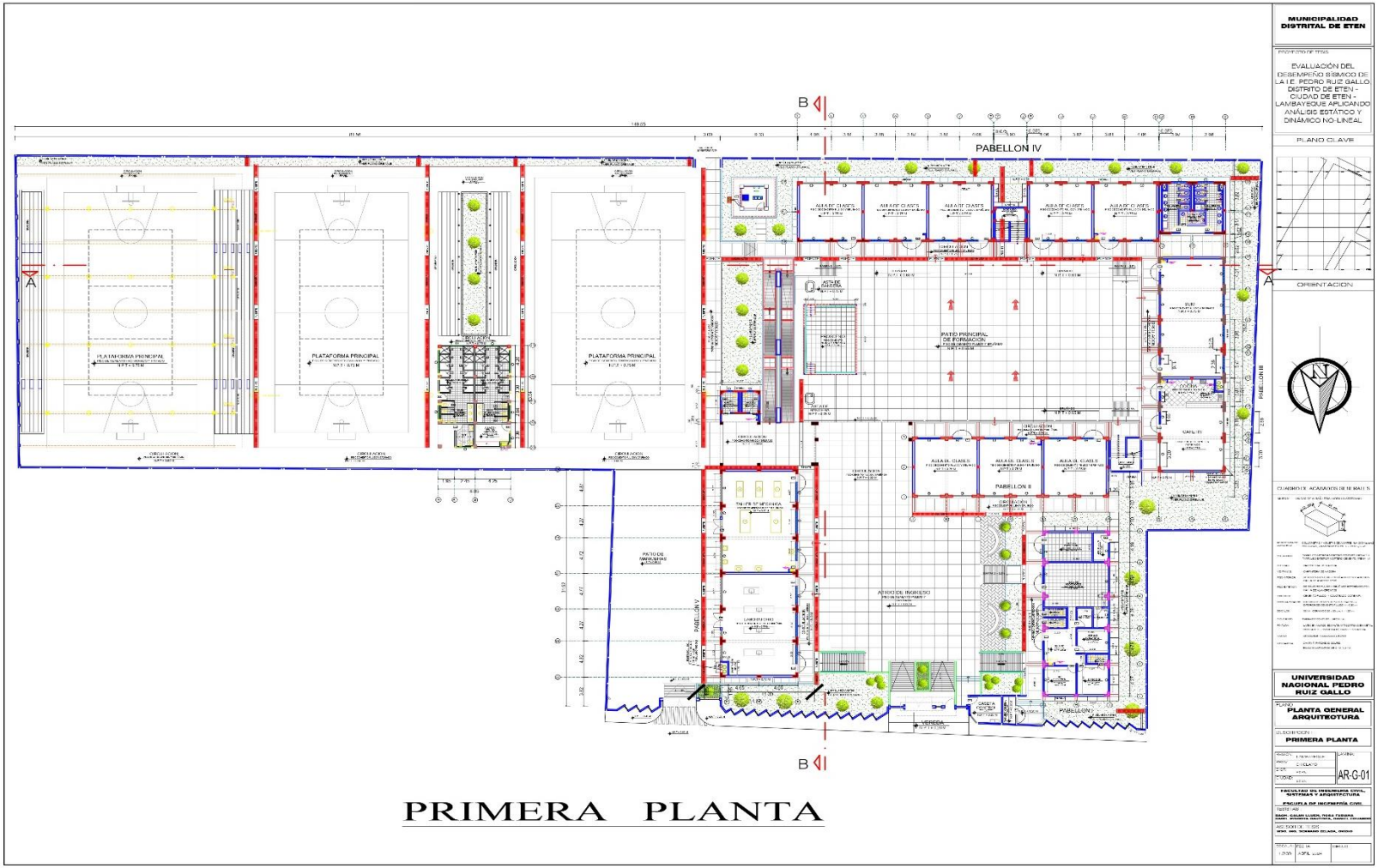
ANEXOS

Anexo 1. Plano de ubicación de la edificación "I.E Pedro Ruiz Gallo".

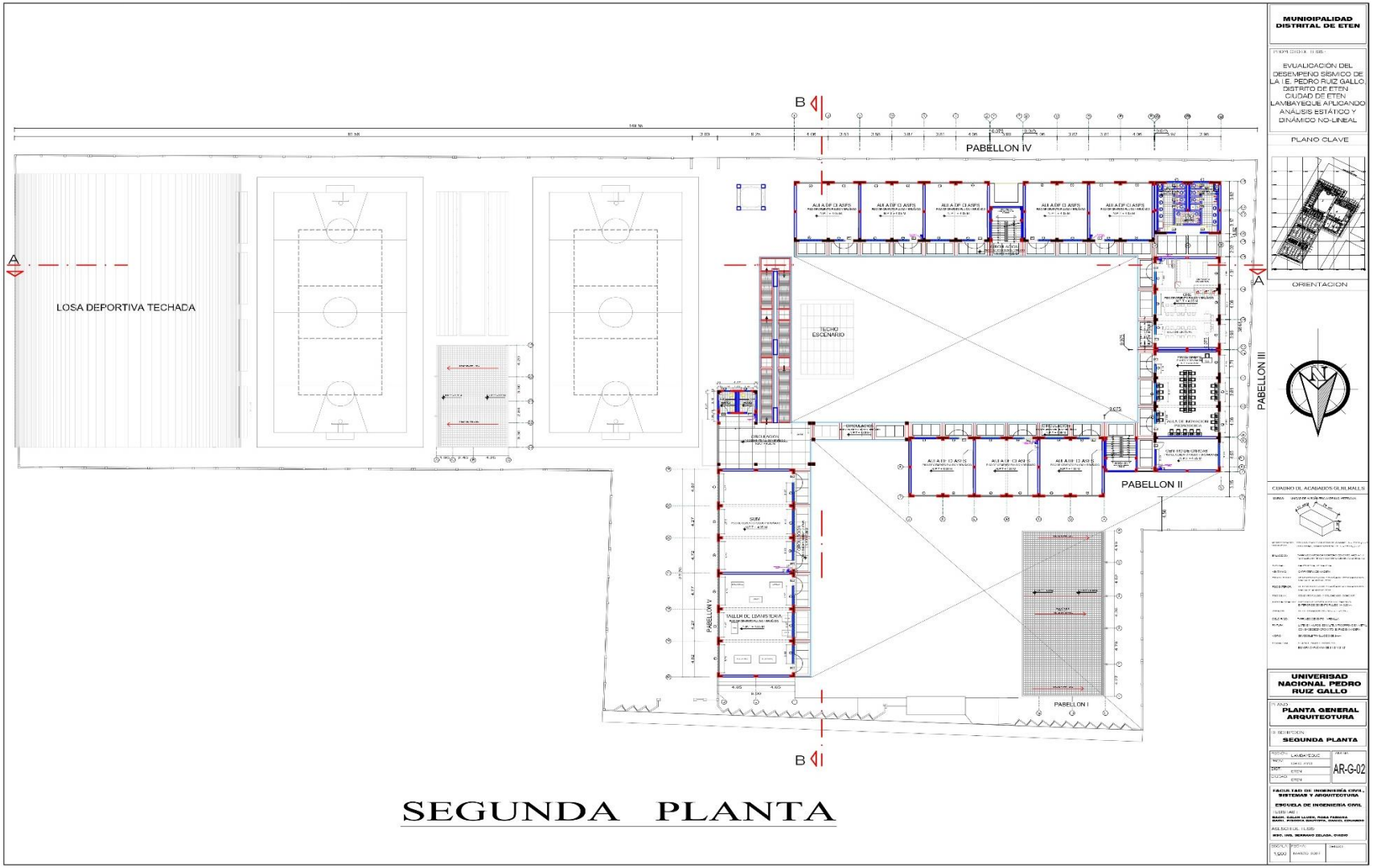


Anexo 2. Planos de arquitectura de la edificación "I.E Pedro Ruiz Gallo"

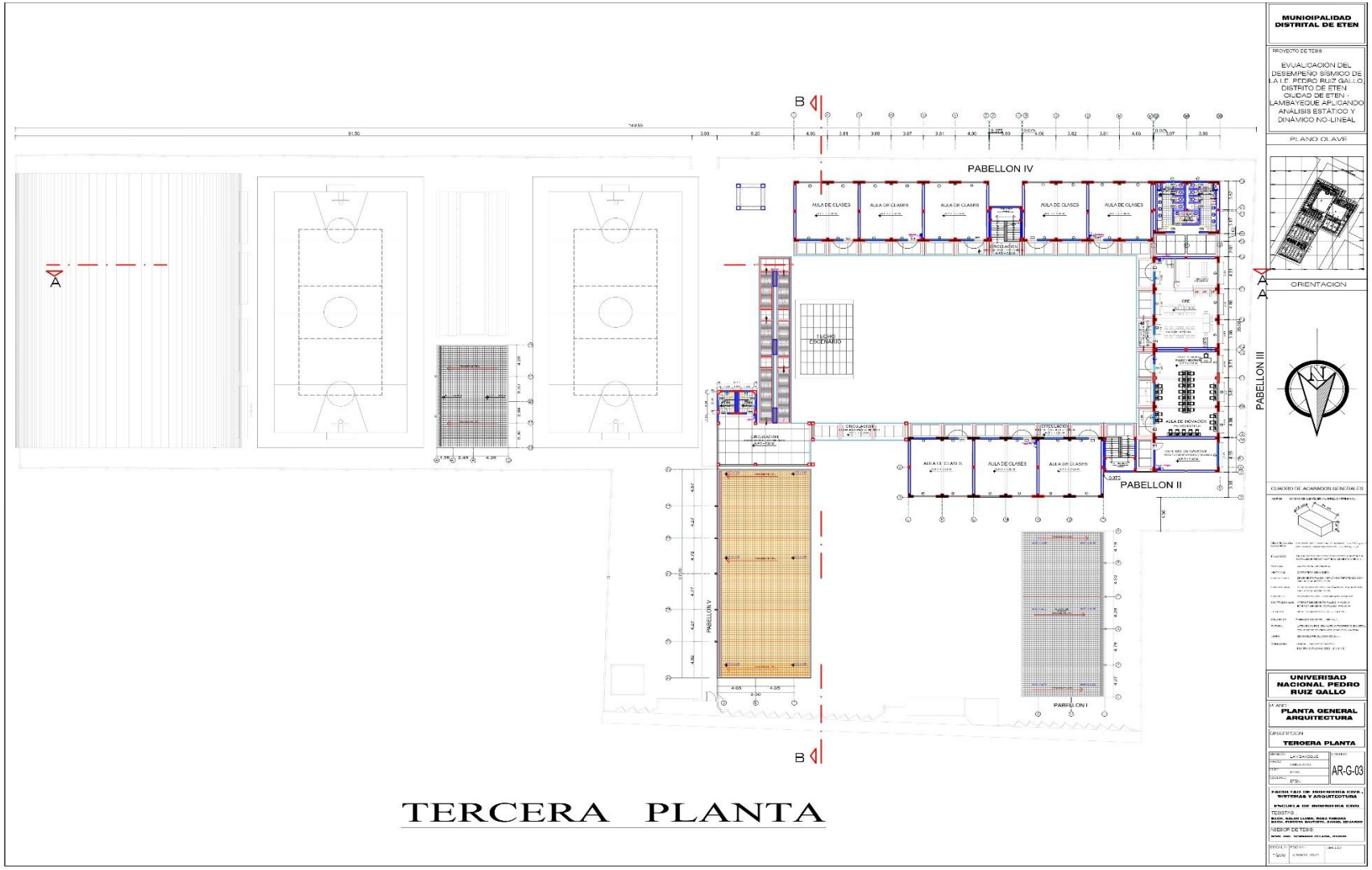
-Primera planta



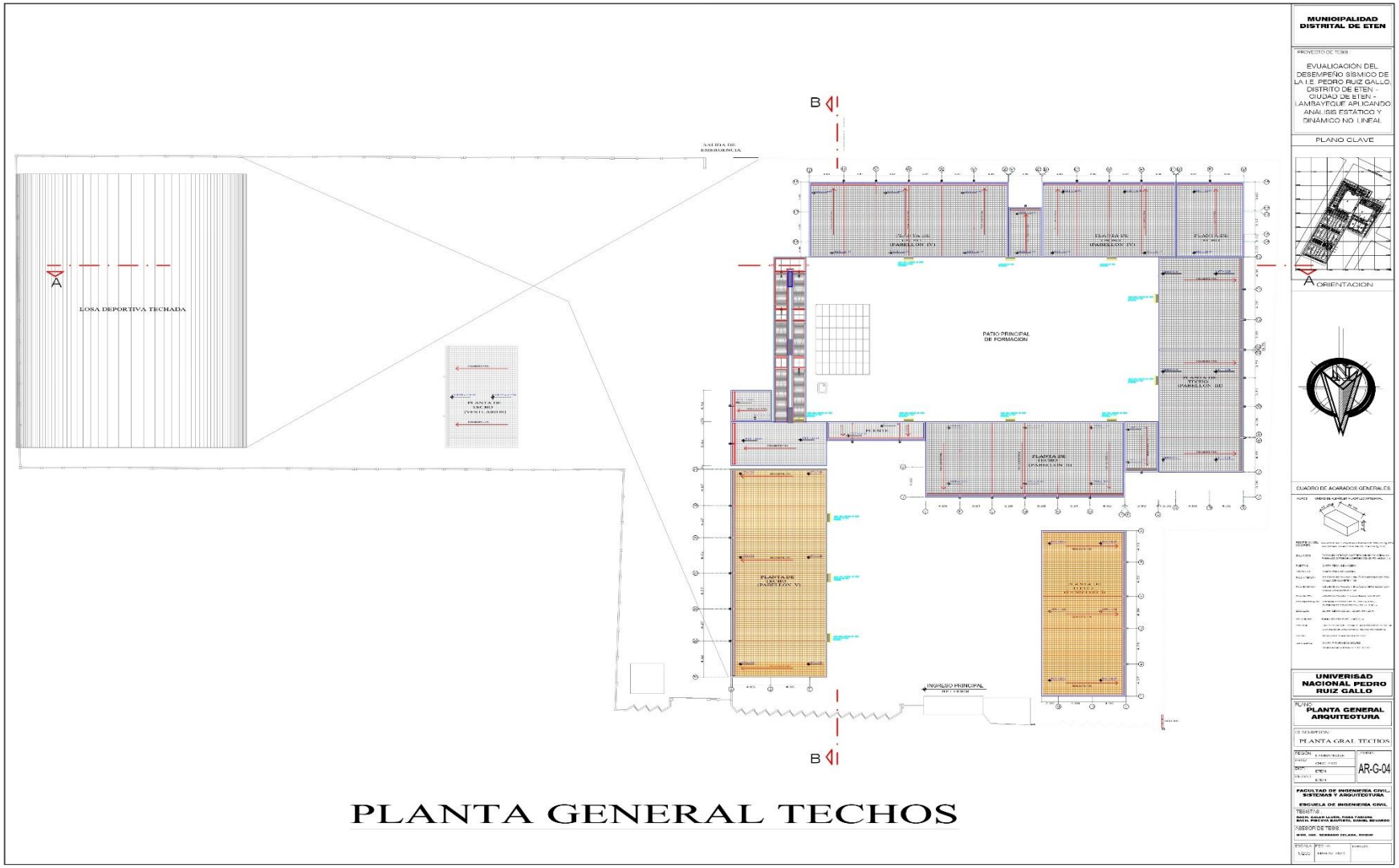
- Segunda Planta



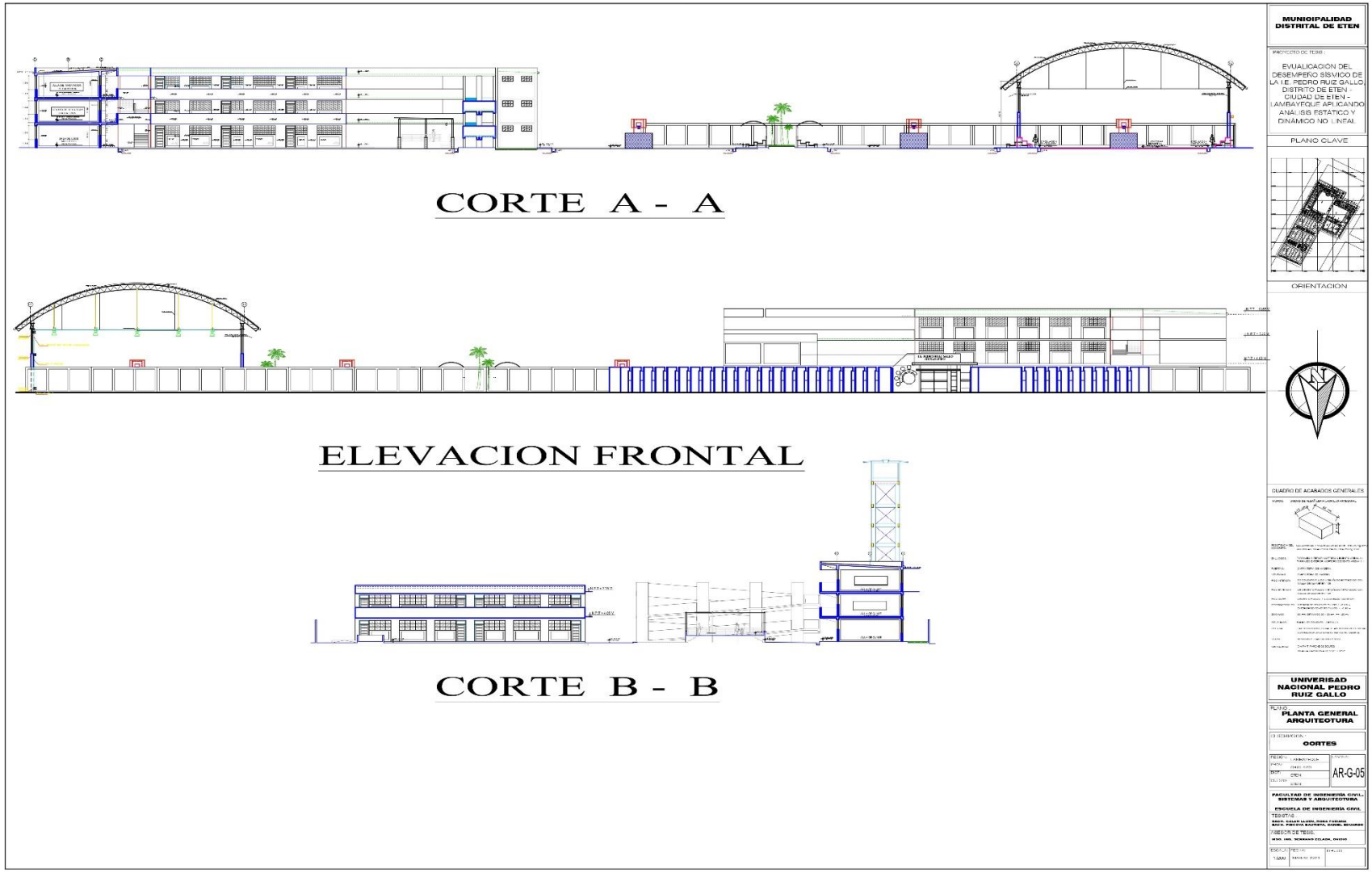
- Tercera Planta



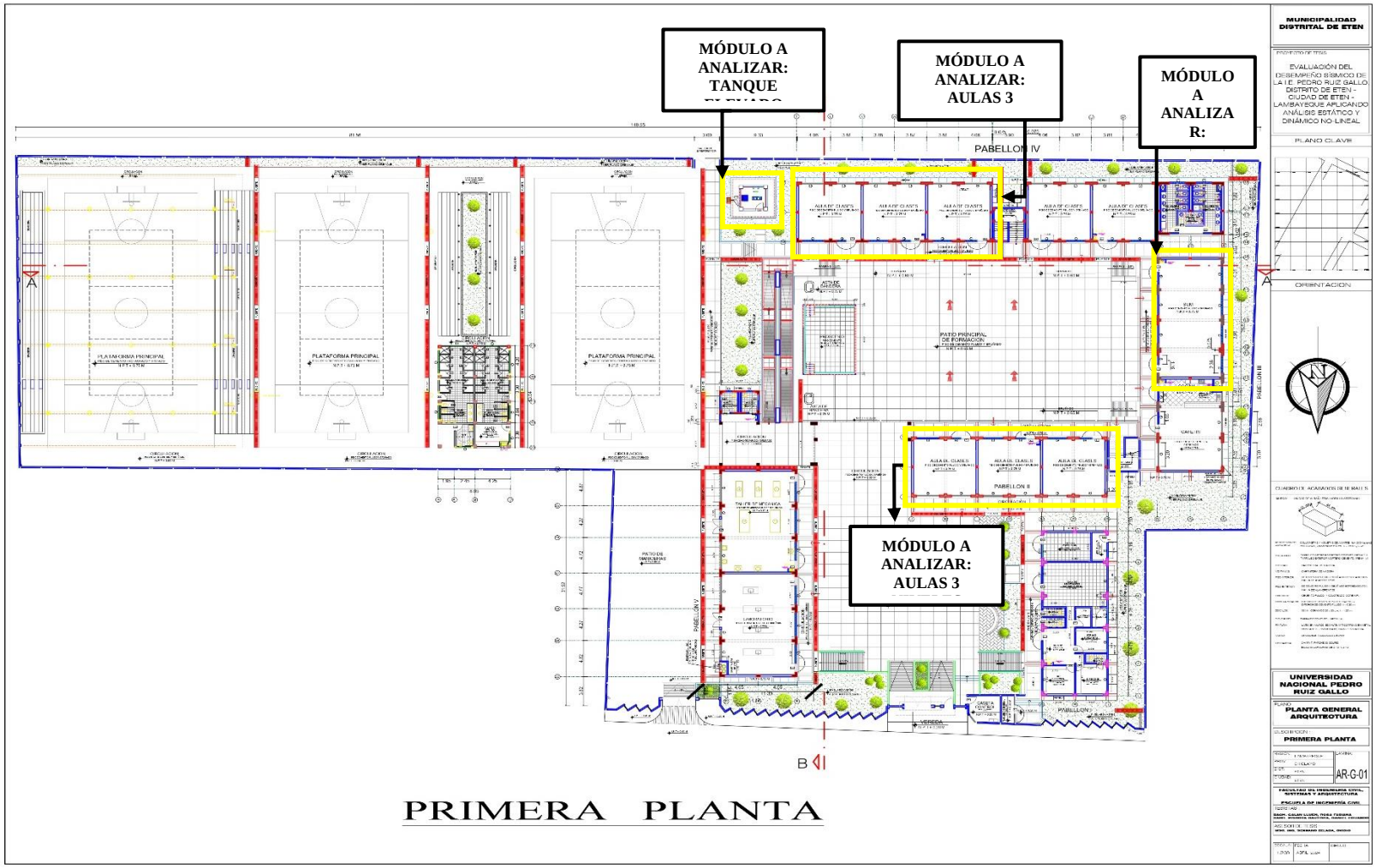
- Planta General de Techos



- Cortes y elevaciones



Anexo 3. Croquis de módulos a analizar de la edificación "I.E Pedro Ruiz Gallo"



Anexo 4. ANALISIS NO LINEAL ESTÁTICO Y DINÁMICO DE LA ESTRUCTURA
Módulo de Aulas

Generalidades

- El módulo de aulas forma parte de la Institución Educativa Pedro Ruiz Gallo y está destinado al uso educativo.
- La edificación fue evaluada estructuralmente con la finalidad de conocer su comportamiento frente a solicitaciones sísmicas.
- El análisis se desarrolló conforme a lo establecido en el Reglamento Nacional de Edificaciones (RNE).
- La caracterización estructural constituye la base para la posterior aplicación de análisis estático y dinámico no lineal.

Normativa empleada

Para la evaluación estructural del módulo de aulas se emplearon las siguientes normas:

- Reglamento Nacional de Edificaciones:
    - NTE E.020 – Cargas
    - NTE E.030 – Diseño Sismorresistente
    - NTE E.050 – Suelos y Cimentaciones
    - NTE E.060 – Concreto Armado
    - NTE E.070 – Albañilería
- Norma internacional:
    - ACI 318 – 2019

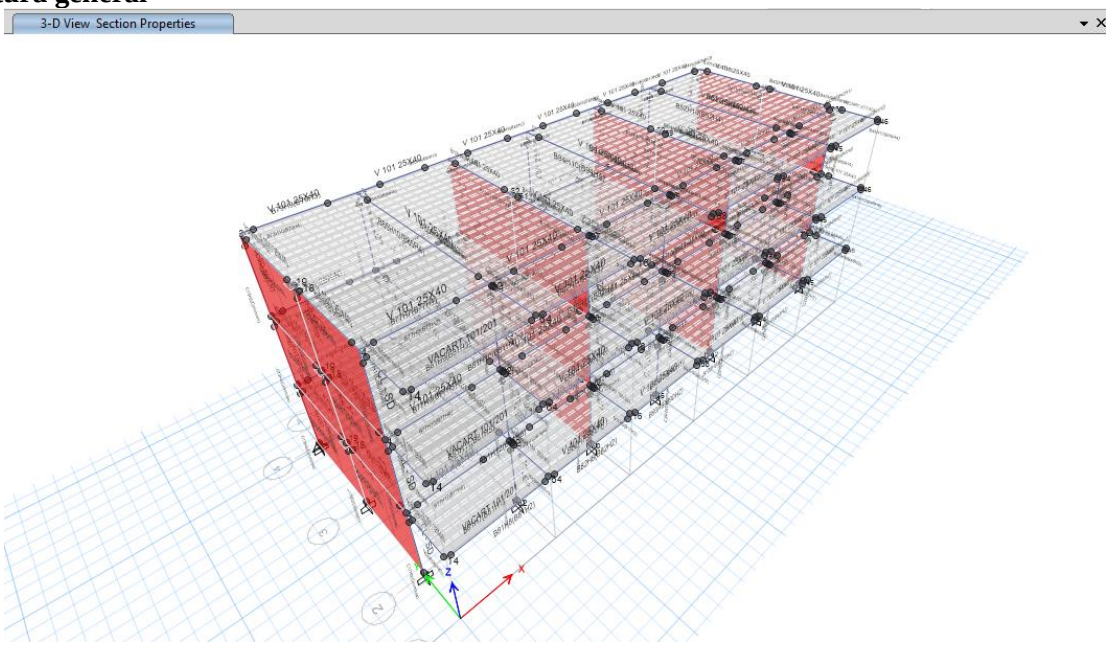
Descripción estructural de la edificación

- Sistema estructural predominante:
    - Pórticos de concreto armado.
- Número de niveles:
    - Tres (03) niveles.
- Altura total aproximada:

- 9.90 m.

- Comportamiento estructural:
  - Resistencia a cargas gravitacionales y sísmicas mediante vigas y columnas de concreto armado.

Estructura general



Clasificación y uso de la edificación

- Uso de la edificación:
  - Institución educativa.
- Categoría según la NTE E.030:
  - Categoría A – Edificaciones esenciales.
- Factor de uso adoptado:
  - U = 1.5.

Materiales estructurales

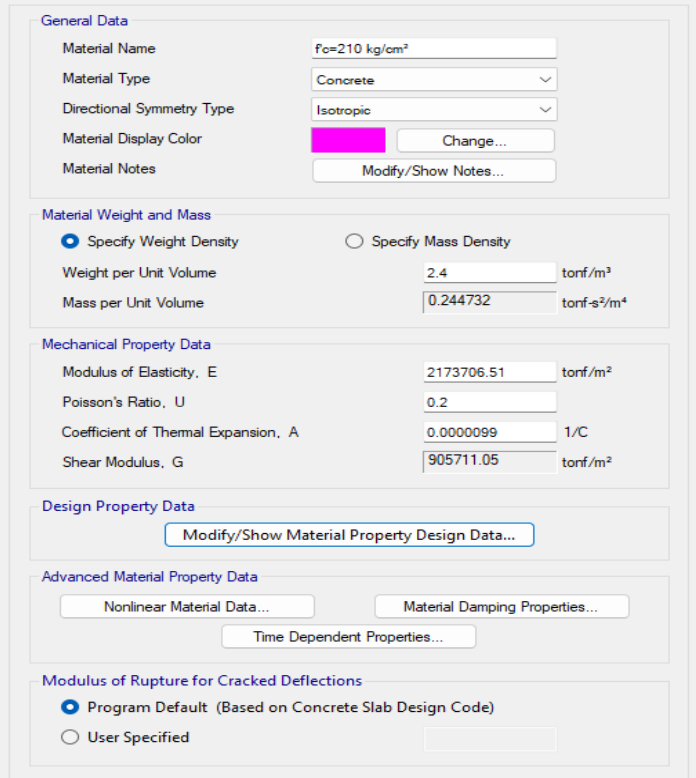
Concreto armado

Se definió el material de concreto considerando una resistencia a la compresión de 210 kgf/cm², a la cual se le asignó un peso unitario de 2400 kgf/m³, conforme a lo establecido en la Norma E.020 – Cargas (2020). Asimismo, de acuerdo con la Norma E.060 – Concreto Armado

(2020), el módulo de elasticidad del concreto se determinó empleando la expresión que relaciona dicho parámetro con la raíz cuadrada de la resistencia a la compresión especificada. Adicionalmente, para representar adecuadamente el comportamiento elástico del material, se adoptó un coeficiente de Poisson igual a 0,15, valor comúnmente utilizado para el concreto armado.

- Resistencia a la compresión:
    - f'c = 210 kg/cm².
- Módulo de elasticidad:
    - E = 217,370.65 kg/cm².
- Coeficiente de Poisson:
    - ν = 0.15.
- Peso específico:
    - γ = 2,400 kg/m³.

Asignación de las propiedades del concreto armado



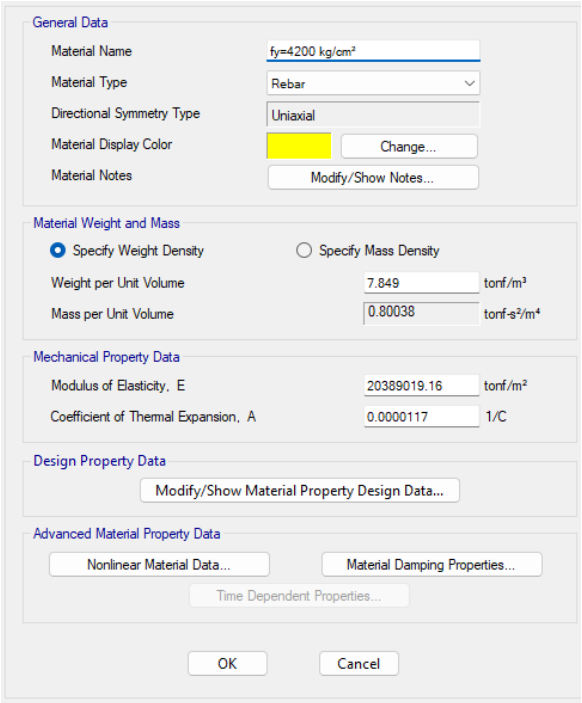
Nota: Se muestran los parámetros finales asignados al material de concreto en el software de análisis estructural

Acero de refuerzo

El material correspondiente al acero estructural fue definido considerando un esfuerzo de fluencia de 4200 kgf/cm², al cual se le asignó un peso unitario de 7850 kgf/m³, de acuerdo con lo indicado en la Norma E.020 – Cargas (2020). Asimismo, para caracterizar su comportamiento elástico, se adoptó un módulo de elasticidad de 20 000 000 kgf/cm², valor representativo del acero estructural.

- Tipo de acero:
    - Acero corrugado ASTM A615 Grado 60.
- Esfuerzo de fluencia:
    - fy = 4,200 kg/cm².
- Módulo de elasticidad:
    - E = 20,000,000 kgf/cm².

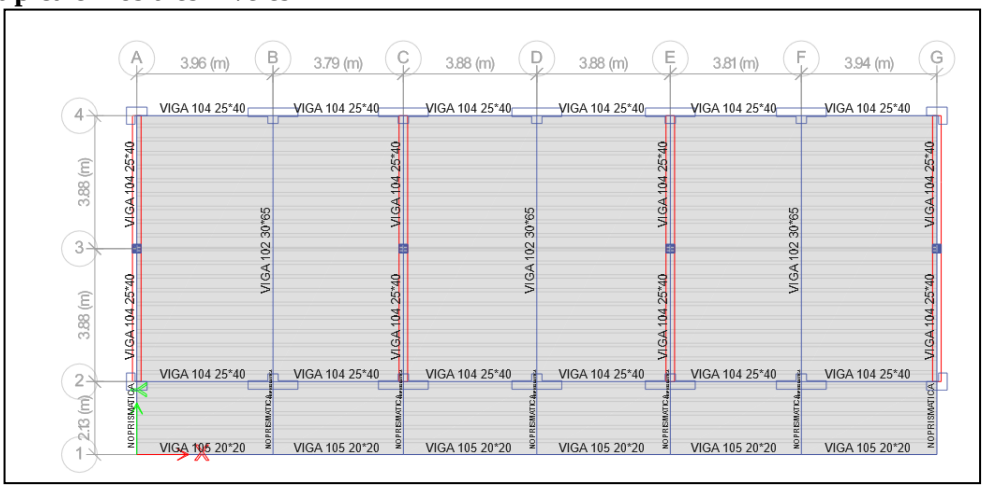
Asignación de las propiedades del material de Acero



Nota: Se presentan los parámetros finales utilizados para la definición del material de acero en el software de análisis estructural.

Elementos estructurales

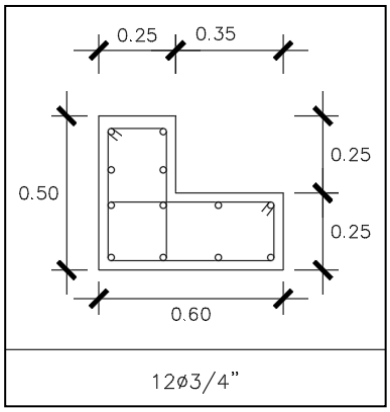
Planta típica en los tres niveles



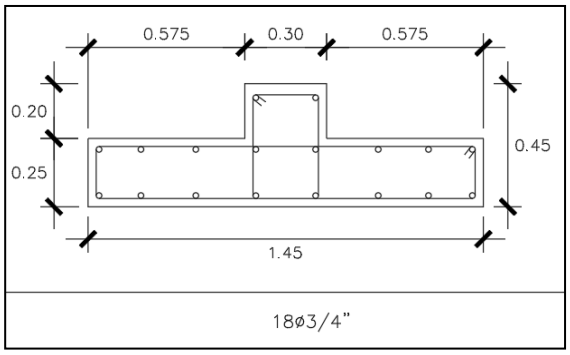
Columnas

Las columnas del módulo de aulas presentan las siguientes secciones:

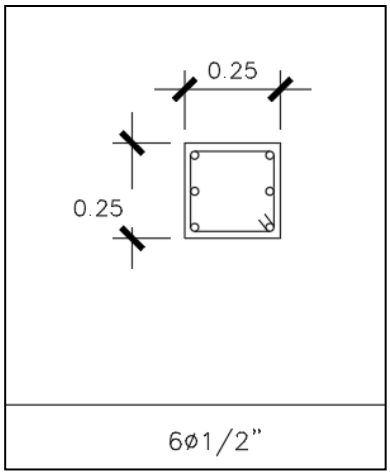
- Sección tipo “L”:
  - 60 × 50 × 25 cm.



- Sección tipo “T”:
  - 45 × 30 × 145 × 25 cm.

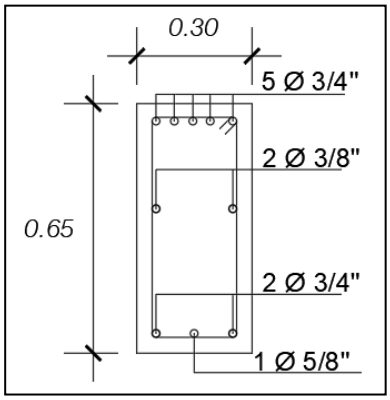


- Sección rectangular:
    - 25 × 25 cm.

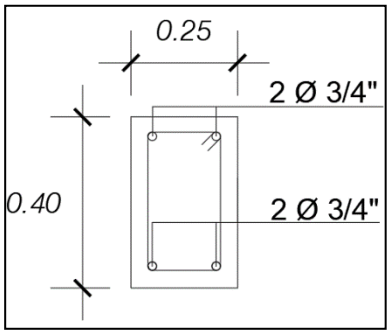


Vigas

- Vigas principales:
    - Sección 30 × 65 cm.



- Vigas secundarias:
    - Sección 25 × 40 cm.



Condiciones sísmicas del sitio

- Ubicación sísmica:
    - Zona Sísmica 4.
- Factor de zona:
    - Z = 0.45.
- Tipo de suelo:
    - Suelo blando (S3).
- Parámetros de sitio:
    - Factor de suelo S = 1.10.
    - Período Tp = 1.00 s.
    - Período Tl = 1.60 s.

Factores de Zona "Z"

TABLA N° 1- NTE (E.030) FACTORES DE ZONA "Z"	
ZONA	***Z***
4	***0.45***
3	0.35
2	0.25
1	0.10

Regularidad estructural

De acuerdo con las verificaciones realizadas según la Norma Técnica E.030:

- Regularidad en altura:
    - No se presentan irregularidades de rigidez.
    - No se presentan irregularidades de resistencia.
    - No se presenta irregularidad de masa.
- Regularidad en planta:
    - No se identifican irregularidades torsionales.
    - No existen discontinuidades en diafragmas.

- Clasificación final:
    - Estructura regular en ambas direcciones (X e Y).
- Factores adoptados:
    - Factor de irregularidad en altura: Ia = 1.0.
    - Factor de irregularidad en planta: Ip = 1.0.

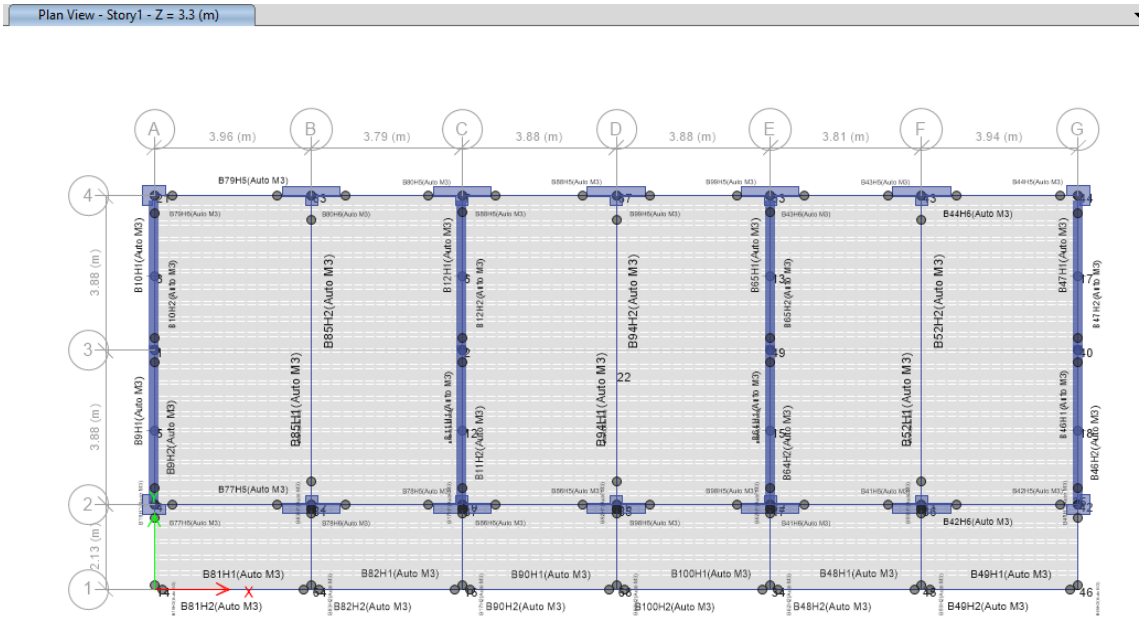
Irregularidades Estructurales en Altura

TABLA N° 8 - NTE (E.030) IRREGULARIDADES ESTRUCTURALES EN ALTURA	**Factor de Irregularidad I_a**
Irregularidad de Rigidez – Piso Blando	0.75
Irregularidades de Resistencia – Piso Débil	
Irregularidad Extrema de Rigidez	0.50
Irregularidad Extrema de Resistencia	
Irregularidad de Masa o Peso	0.90
Irregularidad Geométrica Vertical	0.90
Discontinuidad en los Sistemas Resistentes	0.80
Discontinuidad extrema de los Sistemas Resistentes	0.60

Irregularidades Estructurales en Planta

TABLA N° 9 - NTE (E.030) IRREGULARIDADES ESTRUCTURALES EN PLANTA	**Factor de Irregularidad I_p**
Irregularidad Torsional	0.75
Irregularidad Torsional Extrema	0.60
Esquinas Entrantes	0.90
Discontinuidad del Diafragma	0.85
Sistemas no Paralelos	0.90

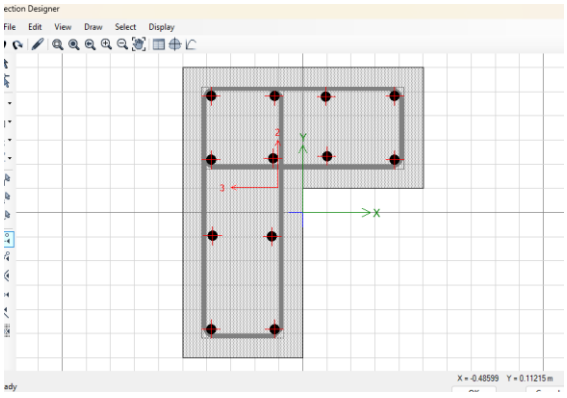
Modelo en Etabs



Columnas

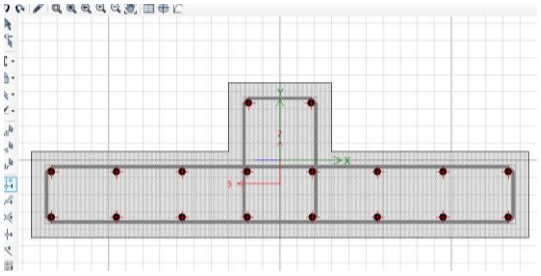
- Sección tipo “L”: 60 × 50 × 25 cm.

Sección definida de la columna L



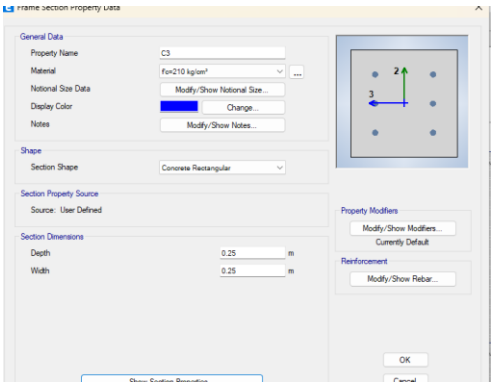
- Sección tipo “T”: 45 × 30 × 145 × 25 cm.

Sección definida de la columna T



- Sección rectangular: 25 × 25 cm.

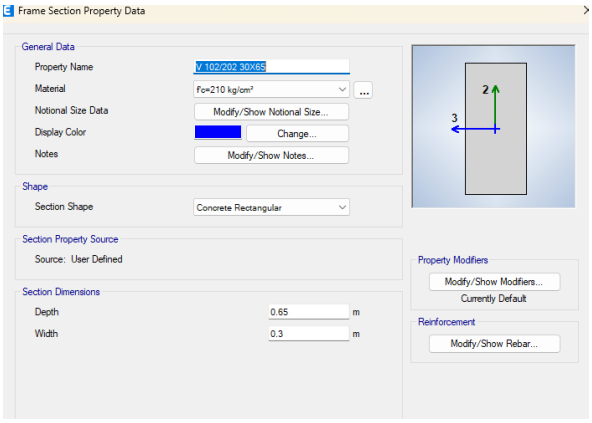
Sección definida de la columna rectangular



Vigas

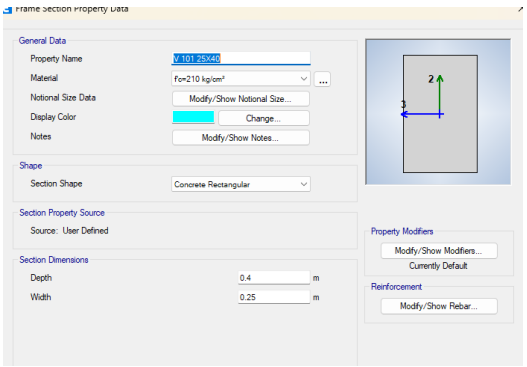
- Vigas principales: Sección 30 × 65 cm.

Sección definida de la viga

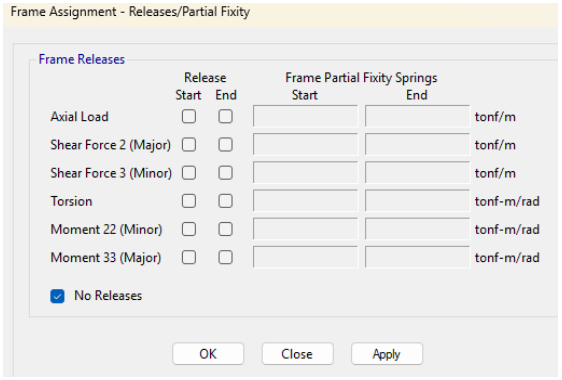


- Vigas secundarias: Sección 25 × 40 cm.

Sección definida de la viga



Asignación de nudos rígidos

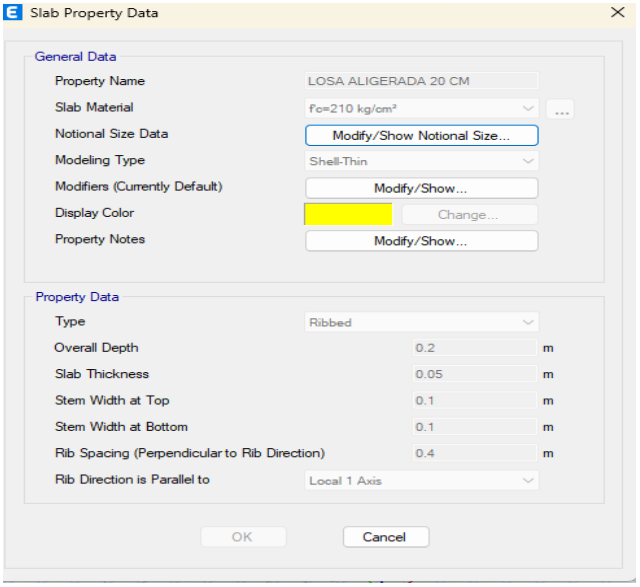


Los elementos estructurales fueron modelados considerando nudos rígidos, no asignándose liberaciones de momento, cortante ni axial en las conexiones viga–columna. Esta condición fue verificada en el software ETABS mediante la opción Frame Releases/Partial Fixity, confirmándose la ausencia de liberaciones en los extremos de los elementos estructurales, lo cual garantiza una adecuada transmisión de esfuerzos entre vigas y columnas.

Losas aligeradas

Para el modelado de la losa aligerada se empleó una sección del tipo “slab”, considerando un comportamiento de membrana (Membrane), con el fin de representar adecuadamente su función de transmisión de cargas en el plano. Asimismo, se definieron viguetas de 20 cm de altura y 10 cm de ancho, dispuestas con una separación de 40 cm medida de eje a eje, características acordes al sistema constructivo de la edificación.

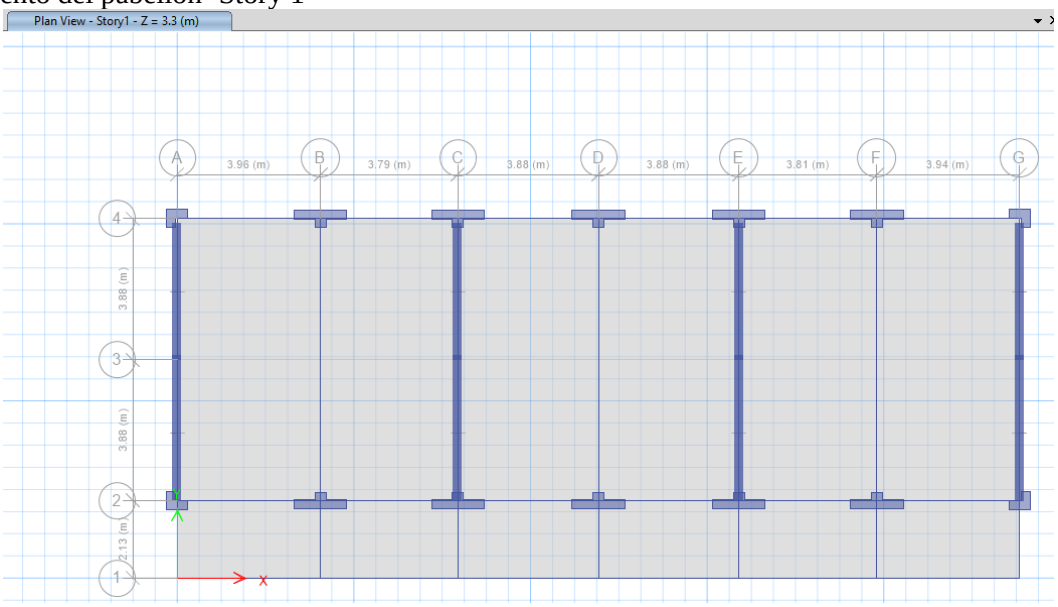
Asignación de Losas Aligeradas:



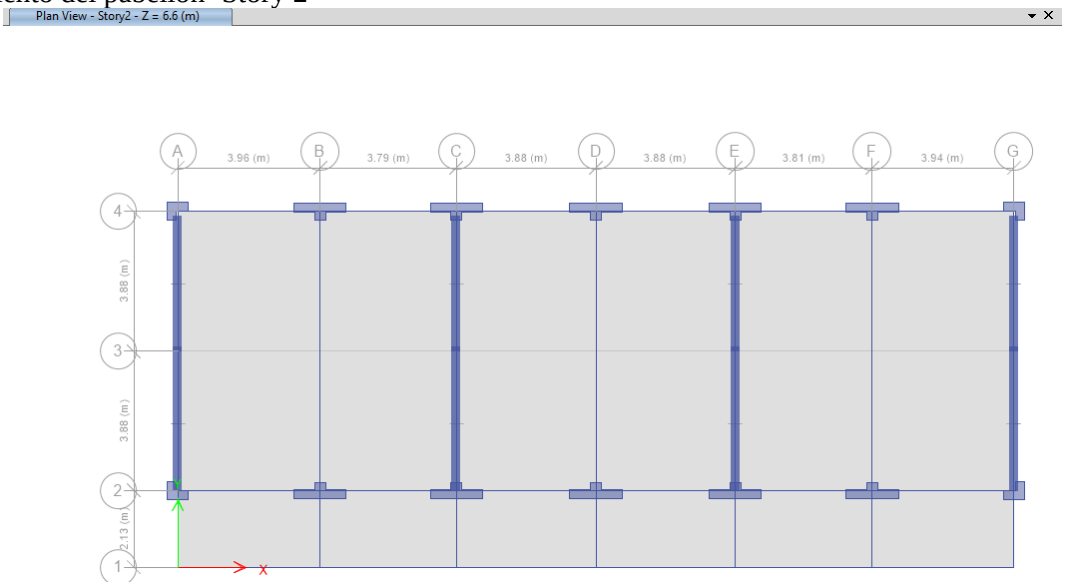
Nota: se muestra la sección asignada a la losa aligerada dentro del software de análisis estructural.

Modelamiento del pabellón de Aulas

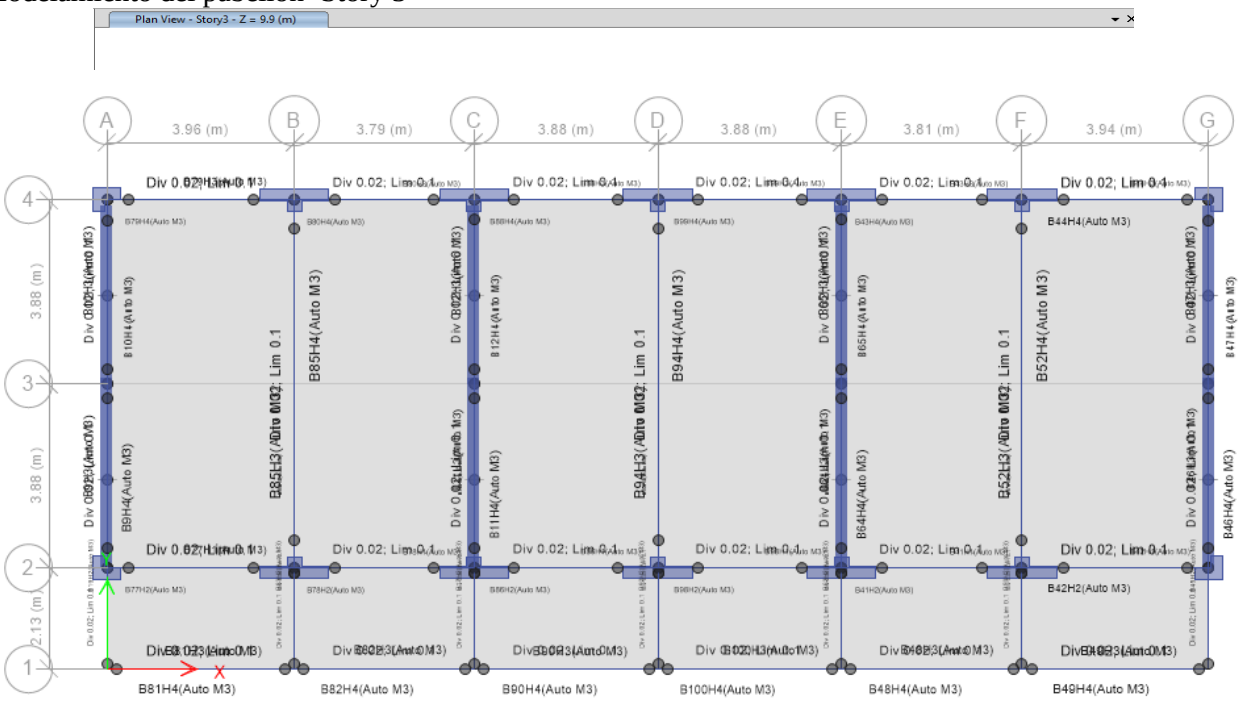
Modelamiento del pabellón- Story 1



Modelamiento del pabellón- Story 2

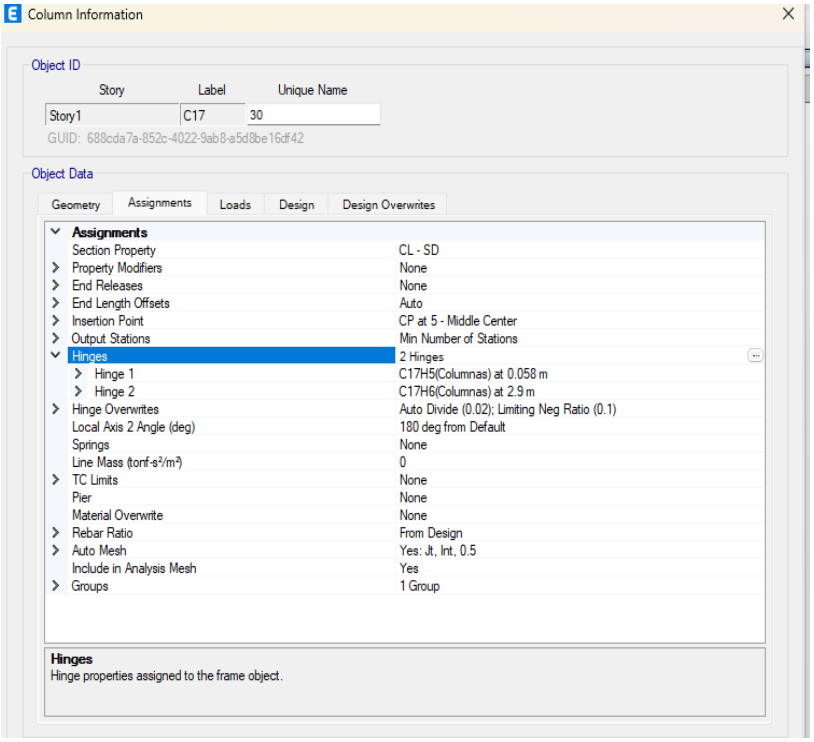


Modelamiento del pabellón- Story 3

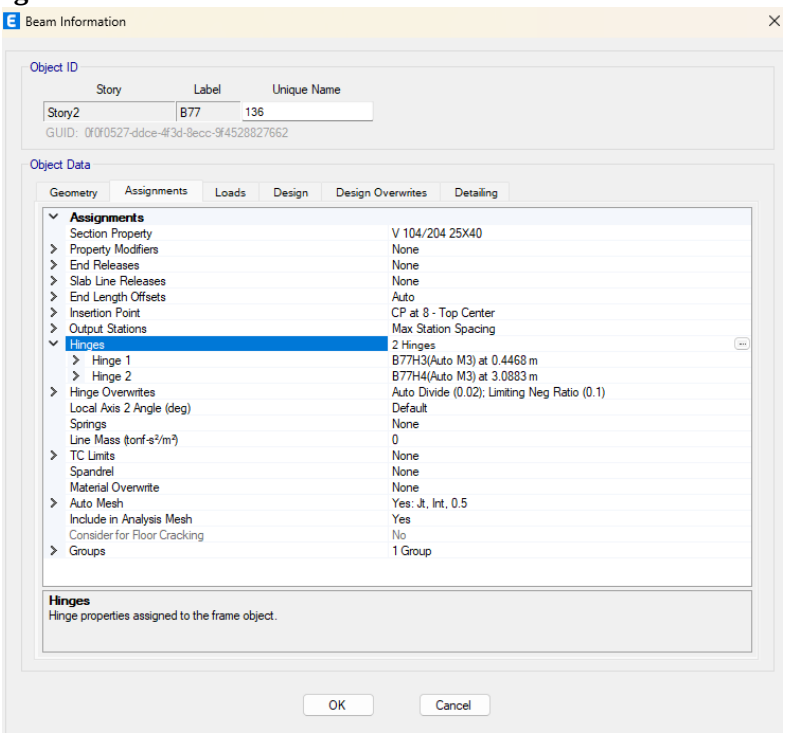


Determinación de rótulas plásticas en los diferentes niveles

Información de columnas

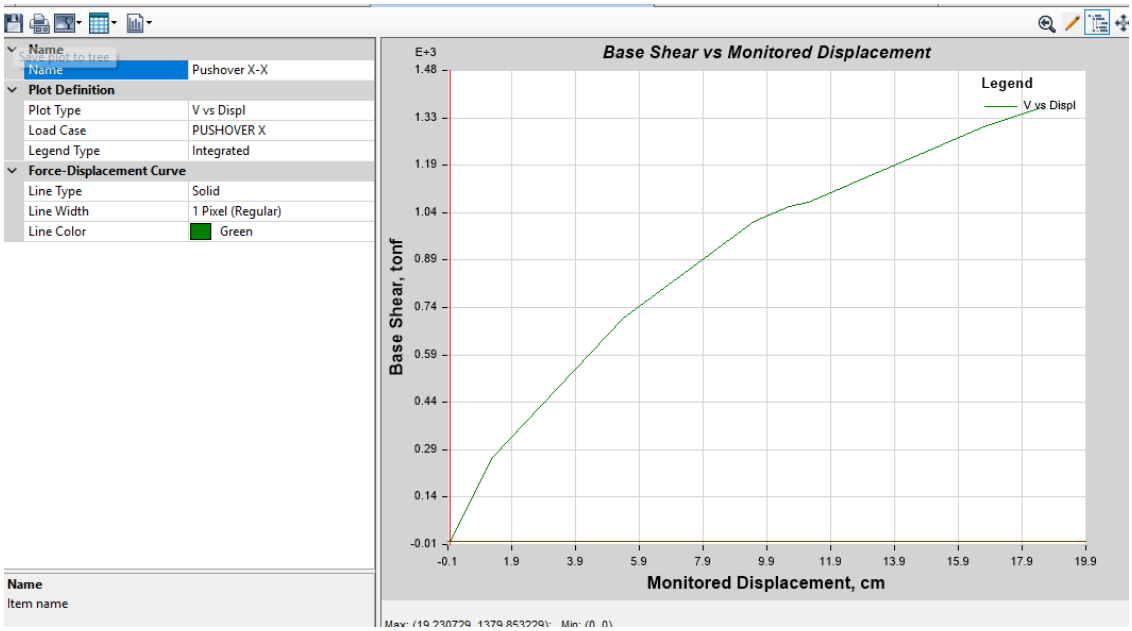


Información de vigas



Análisis Estático no lineal tipo Pushover del Pabellón de Aulas

Curva de capacidad en aulas (dirección X-X)



Base Shear vs Monitored Displacement

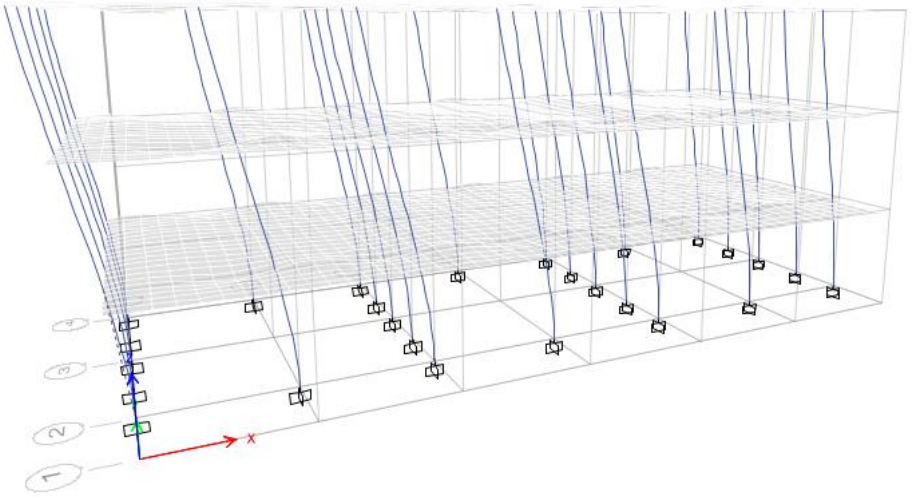
Step	Monitored Displ	Base Force	A-B	B-C	C-D	D-E	>E	A-IO	IO-LS	LS-CP	>CP	Total
	cm	tonf										
0	0	0	357	0	0	0	0	357	0	0	0	357
1	1.2	235.45	357	0	0	0	0	357	0	0	0	357
2	2.85	468.72	352	5	0	0	0	352	5	0	0	357
3	4.1	612.33	347	10	0	0	0	347	10	0	0	357
4	5.62	756.91	340	17	0	0	0	340	17	0	0	357
5	6.98	892.44	334	23	0	0	0	334	23	0	0	357
6	8.35	1015.28	328	29	0	0	0	328	29	0	0	357
7	9.72	1102.76	322	35	0	0	0	322	35	0	0	357
8	11.1	1180.54	316	41	0	0	0	316	41	0	0	357
9	12.45	1246.33	311	46	0	0	0	311	46	0	0	357
10	13.78	1295.82	307	50	0	0	0	307	50	0	0	357
11	15.05	1332.41	303	54	0	0	0	303	54	0	0	357
12	16.2	1356.78	300	57	0	0	0	300	57	0	0	357
13	17.2	1371.44	297	60	0	0	0	297	60	0	0	357
14	18.05	1381.23	295	62	0	0	0	295	62	0	0	357
15	18.6	1386.78	293	64	0	0	0	293	64	0	0	357
16	19	1389.64	292	65	0	0	0	292	65	0	0	357
17	19.3	1391.82	291	66	0	0	0	291	66	0	0	357

La Tabla presenta la evolución del cortante basal en función del desplazamiento del nodo de control durante el análisis Pushover del pabellón de aulas. En las primeras etapas del análisis, la totalidad de los elementos estructurales se mantiene en el rango A–B, evidenciando un comportamiento predominantemente elástico.

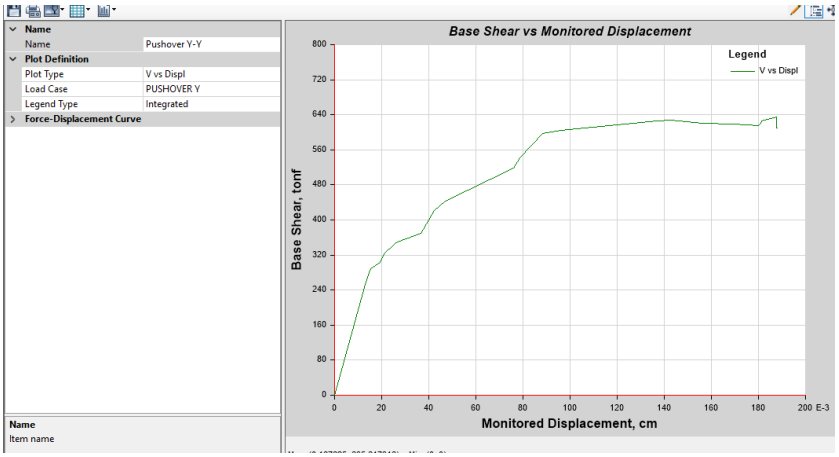
Conforme el desplazamiento lateral se incrementa, se observa la aparición progresiva de rótulas en estado B–C en un número reducido de elementos, lo que indica el inicio de la fluencia sin que se produzca una degradación significativa de la rigidez estructural. Cabe resaltar que, durante todo el proceso de carga incremental, no se desarrollan rótulas en estados C–D ni superiores, lo cual confirma que el daño estructural permanece controlado.

La respuesta global de la estructura muestra que, aun con la presencia de fluencia inicial en algunos elementos, el sistema estructural conserva su capacidad resistente y estabilidad global, permitiendo incrementos adicionales de carga lateral sin alcanzar estados de daño severo o colapso. En consecuencia, el comportamiento observado corresponde a un nivel de desempeño sísmico aceptable, adecuado para edificaciones de uso educativo.

Modo shape (modal) dirección X-X



Curva de Capacidad en dirección Y



Cortante basal, desplazamiento y niveles de servicios en dirección X-X

Step	Monitored Displ	Base Force	A-B	B-C	C-D	D-E	>E	A-IO	IO-LS	LS-CP	>CP	Total
	cm	tonf										
0	0	0	357	0	0	0	0	357	0	0	0	357
1	0.0118	210.3542	356	1	0	0	0	357	0	0	0	357
2	0.0134	238.7196	354	3	0	0	0	357	0	0	0	357
3	0.0149	256.8845	352	5	0	0	0	356	1	0	0	357
4	0.0172	278.3406	349	8	0	0	0	355	2	0	0	357
5	0.0195	301.4723	346	11	0	0	0	353	4	0	0	357
6	0.0224	324.5198	343	14	0	0	0	351	6	0	0	357
7	0.0251	346.6284	340	17	0	0	0	349	8	0	0	357
8	0.0283	369.5521	336	21	0	0	0	346	11	0	0	357
9	0.0329	392.7748	331	26	0	0	0	343	14	0	0	357
10	0.0378	418.9063	326	31	0	0	0	340	17	0	0	357
11	0.0435	444.3375	321	36	0	0	0	338	19	0	0	357
12	0.0584	488.6429	312	45	0	0	0	334	23	0	0	357
13	0.0726	529.7812	304	53	0	0	0	330	27	0	0	357
14	0.0843	565.3948	298	59	0	0	0	328	29	0	0	357

15	0.0967	589.8265	292	65	0	0	0	326	31	0	0	357
16	0.1215	612.3489	286	71	0	0	0	324	33	0	0	357
17	0.1368	623.9074	279	78	0	0	0	321	36	0	0	357
18	0.1412	626.1843	278	79	0	0	0	320	37	0	0	357
19	0.1529	621.9536	277	80	0	0	0	320	37	0	0	357
20	0.1654	618.3475	277	80	0	0	0	320	37	0	0	357
21	0.1748	615.2862	277	80	0	0	0	320	37	0	0	357
22	0.1789	618.9547	277	80	0	0	0	320	37	0	0	357
23	0.1823	624.7819	277	80	0	0	0	319	38	0	0	357
24	0.1869	631.5482	276	81	0	0	0	319	38	0	0	357
25	0.1872	631.4725	276	81	0	0	0	319	38	0	0	357
26	0.1873	631.4951	276	81	0	0	0	319	38	0	0	357
27	0.1874	609.8746	276	81	0	0	0	319	38	0	0	357
28	0.1875	610.2183	276	81	0	0	0	319	38	0	0	357

La Tabla presenta la evolución del cortante basal en función del desplazamiento del nodo de control correspondiente a la dirección Y–Y, obtenida a partir del análisis estático no lineal del pabellón de aulas. En las primeras etapas del análisis, la estructura mantiene un comportamiento predominantemente elástico, evidenciado por la totalidad de los elementos estructurales ubicados en el rango A–B.

A medida que el desplazamiento lateral se incrementa, se observa la aparición gradual de rótulas en estado B–C, lo que indica el inicio de la fluencia en algunos elementos estructurales. Sin embargo, este proceso se desarrolla de manera progresiva y controlada, sin que se presenten rótulas en estados C–D o superiores, lo cual evidencia que el daño estructural permanece limitado.

Asimismo, la relación entre el incremento del desplazamiento y el cortante basal muestra una tendencia estable, sin pérdidas abruptas de rigidez ni disminuciones significativas de la capacidad resistente. Esto demuestra que, aun con la presencia de fluencia inicial, la estructura conserva su estabilidad global y capacidad portante frente a la acción sísmica considerada.

En los últimos pasos del análisis, el cortante basal alcanza valores cercanos a su capacidad máxima, mientras que el número de rótulas B–C se mantiene dentro de un rango admisible, confirmando que la estructura no ingresa a estados de daño severo ni colapso.

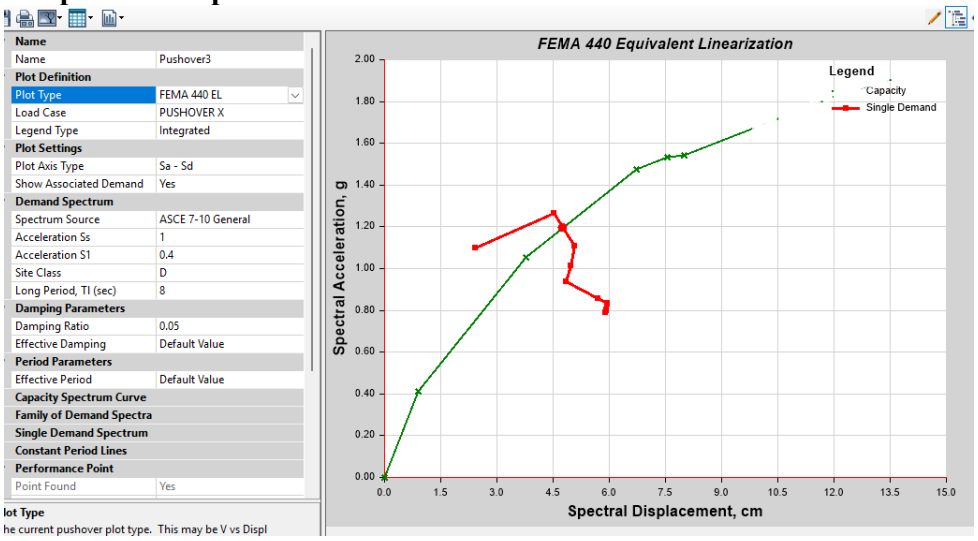
Curva de capacidad para identificar el punto de desempeño estructural del pabellón de aulas

Conversión de la curva Pushover a curva de capacidad

A partir de los resultados obtenidos en el análisis estático no lineal (Pushover), se procedió a transformar las curvas de cortante basal versus desplazamiento del nodo de control en curvas de capacidad, expresadas en términos de aceleración espectral (Sa) y desplazamiento espectral (Sd). Esta transformación permite representar el comportamiento global del pabellón de aulas mediante un sistema equivalente de un grado de libertad, conforme a los lineamientos establecidos en FEMA 440.

Para esta conversión se emplearon los valores de desplazamiento incremental, cortante basal y estado de rótulas obtenidos anteriormente, considerando el modo de vibración predominante y los parámetros dinámicos de la estructura. De este modo, se obtuvo la curva Sa–Sd para cada dirección analizada.

Curva de capacidad del pabellón de aulas – Dirección X-X



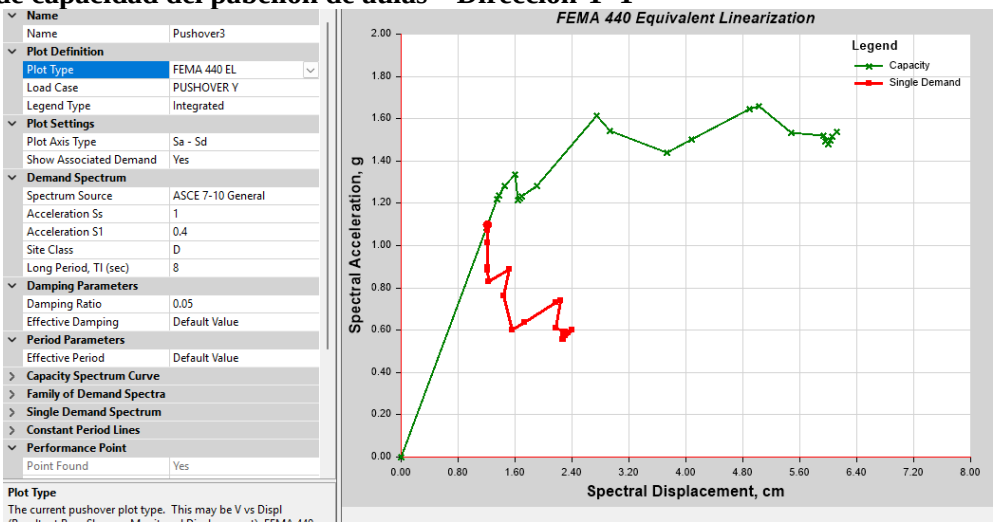
FEMA 440 Linealización equivalente.

Sd	Sa	Period
cm	g	sec
0	0	0
0.895432	0.395214	0.295
1.742368	0.684917	0.325
2.864591	0.952386	0.355
3.76881	1.055596	0.379
4.521734	1.152483	0.401
5.102648	1.215834	0.422
5.634917	1.247506	0.446

6.103582	1.268942	0.463
6.512406	1.281735	0.478
6.873915	1.289416	0.492
7.214386	1.287503	0.506
7.503274	1.279846	0.519
7.786241	1.271398	0.531
8.012045	1.266517	0.541
8.214678	1.258374	0.547
8.437592	1.249836	0.549

La Tabla presenta los parámetros espectrales obtenidos mediante el procedimiento de linealización equivalente FEMA 440 para el pabellón de aulas. Se observa que el punto de desempeño estructural se alcanza para un desplazamiento espectral cercano a 5.6 cm y una aceleración espectral aproximada de 1.25 g, valores que confirman un comportamiento sísmico controlado y coherente con los resultados del análisis Pushover desarrollado previamente.

Curva de capacidad del pabellón de aulas – Dirección Y-Y



FEMA 440 Equivalent Linearization

Sd	Sa	Period
cm	g	sec
0	0	0
1.194705	1.08555	0.21
1.350302	1.221803	0.211
1.369185	1.236813	0.211
1.449758	1.282763	0.213
1.596052	1.310842	0.219
1.642959	1.322415	0.233
1.666949	1.330286	0.234
1.694551	1.338194	0.235
1.900168	1.362587	0.244
2.745017	1.445936	0.262

2.929789	1.472814	0.276
3.735473	1.495382	0.323
4.079012	1.515736	0.331
4.889391	1.548962	0.346
5.031763	1.562847	0.349
5.482246	1.547316	0.379
5.93456	1.534289	0.396
5.934563	1.534287	0.396
5.956685	**1.525614**	**0.4**
6.001797	1.519842	0.404
6.033294	1.525173	0.403
6.059263	1.531892	0.401
6.126247	1.537014	0.401

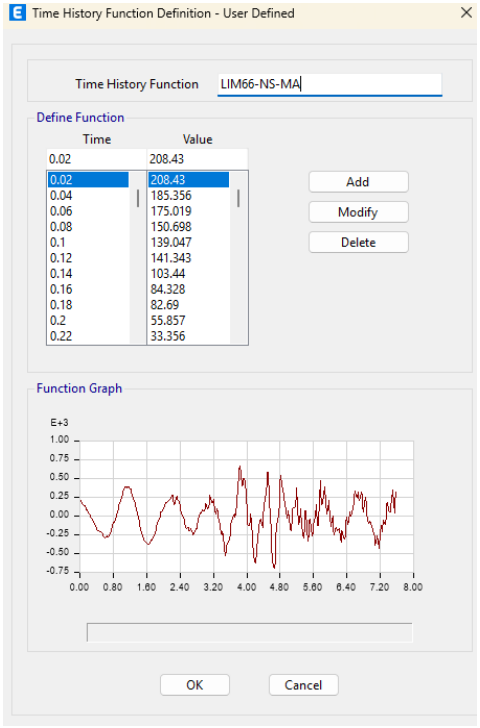
La Tabla presenta los parámetros espectrales obtenidos mediante el procedimiento de linealización equivalente FEMA 440 para el pabellón de aulas en la dirección Y. Se observa que el punto de desempeño estructural se alcanza para un desplazamiento espectral cercano a 6.0 cm y una aceleración espectral aproximada de 1.53 g, confirmando un comportamiento sísmico estable y coherente con los resultados del análisis Pushover, sin evidencia de daño estructural significativo.

Análisis dinámico no lineal tiempo–historia del pabellón de aulas

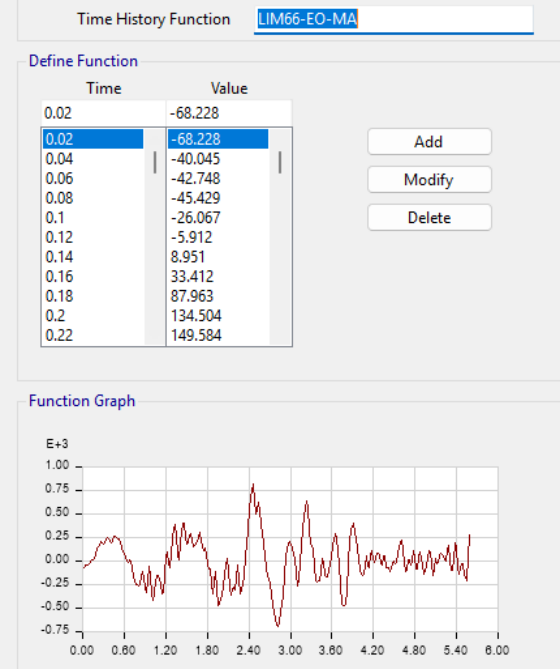
Selección de los registros sísmicos.

Para la ejecución del análisis dinámico no lineal tiempo–historia del pabellón de aulas, se seleccionaron registros sísmicos representativos de la zona de estudio, considerando eventos compatibles con el peligro sísmico del territorio peruano. Los acelerogramas empleados corresponden a registros reales escalados, los cuales fueron seleccionados en función de su magnitud, contenido frecuencial y compatibilidad con el espectro de diseño definido por la Norma Técnica E.030. Los registros fueron aplicados en ambas direcciones principales de la estructura (X–X y Y–Y), permitiendo evaluar la respuesta dinámica no lineal del sistema estructural bajo acciones sísmicas realistas.

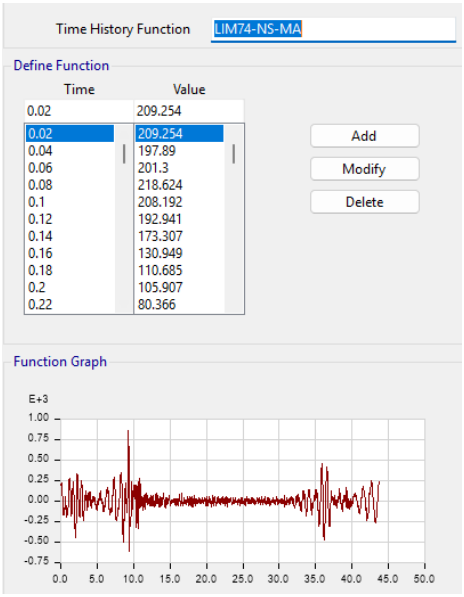
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1966(componente NS)



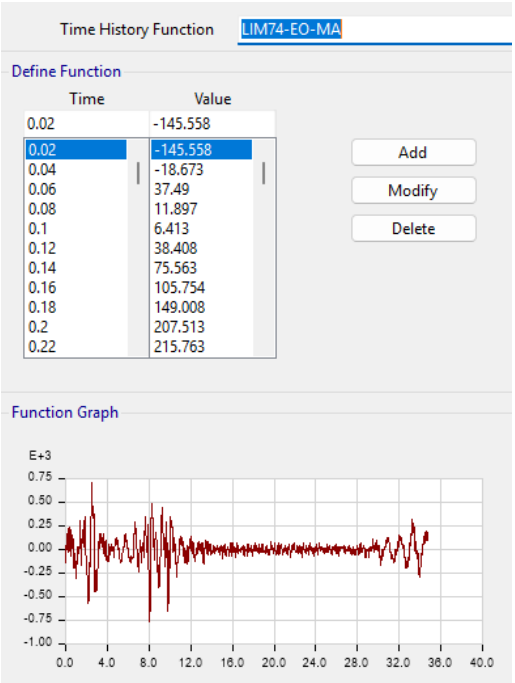
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1966 (componente EO)



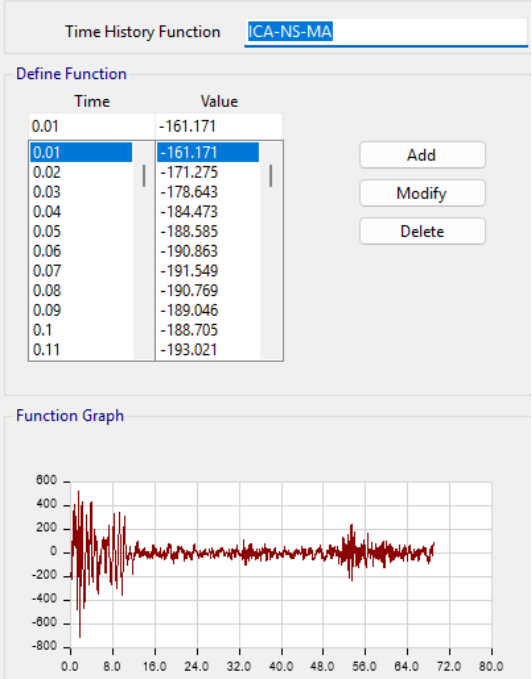
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1974 (componente NS)



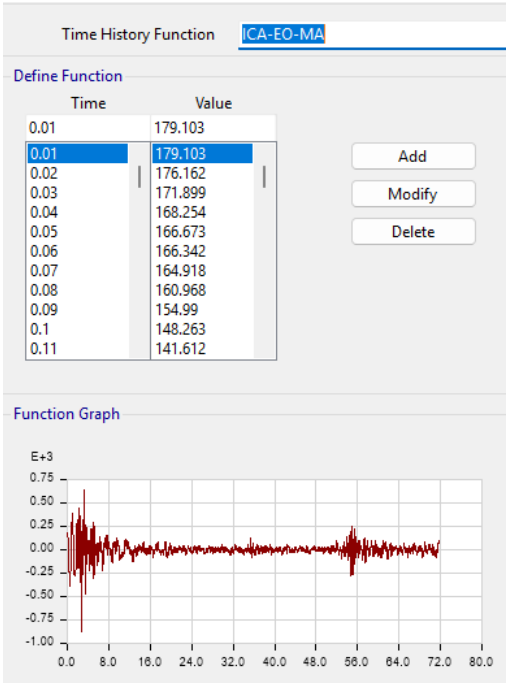
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1974 (componente EO)



Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro ICA (componente NS)



Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro ICA (componente EO)



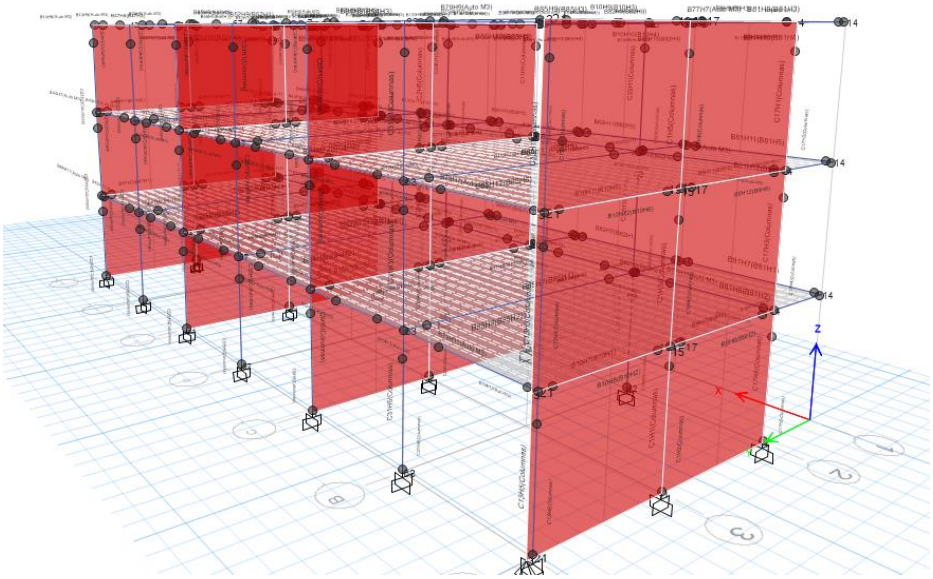
Definición del modelo no lineal para análisis dinámico

El modelo estructural desarrollado previamente fue empleado para el análisis dinámico no lineal, incorporando las no linealidades materiales mediante la asignación de rótulas plásticas en vigas y columnas, conforme a los criterios establecidos en FEMA 356. Asimismo,

se consideraron los efectos de segundo orden mediante la activación del análisis P–Delta, garantizando una representación más realista del comportamiento estructural frente a solicitaciones sísmicas severas. Las propiedades dinámicas del modelo, tales como masa y amortiguamiento, fueron definidas de manera consistente con los análisis previos.

- **Vista del modelo con rótulas asignadas**

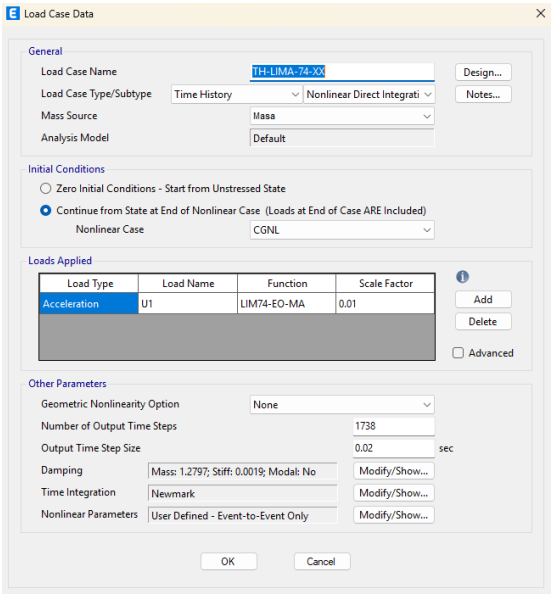
Vista del modelo con rotulas Asignadas



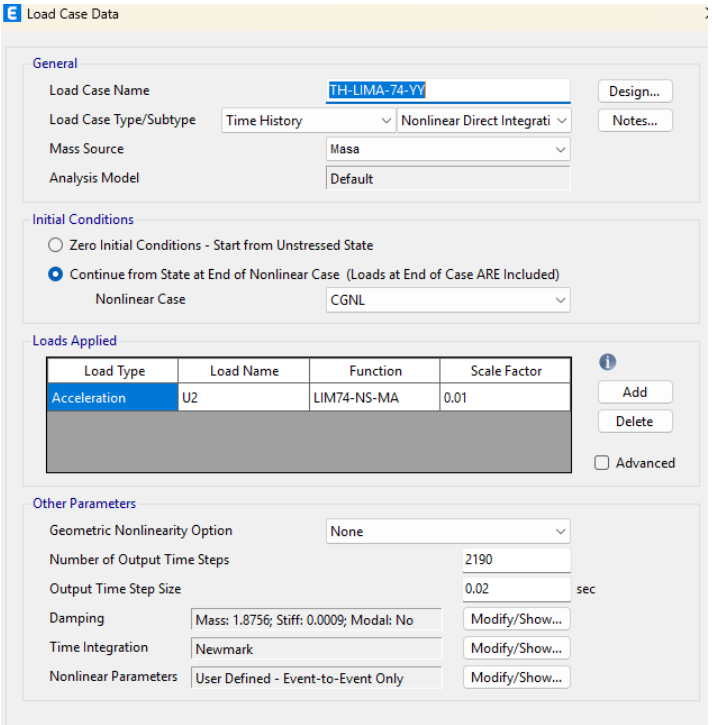
Definición de los casos de carga tiempo–historia

Los registros sísmicos seleccionados fueron definidos en el software como casos de carga de tipo Nonlinear Direct Integration Time History, aplicados independientemente en cada dirección principal de análisis. Cada caso de carga fue configurado considerando el paso de integración adecuado, la duración total del registro y la escala correspondiente, permitiendo capturar la evolución temporal de la respuesta estructural. Para el análisis se consideraron únicamente los casos tiempo–historia y el caso modal necesario para la definición de las propiedades dinámicas, descartando combinaciones lineales adicionales durante la ejecución del análisis, realizado mediante el método Newmark.

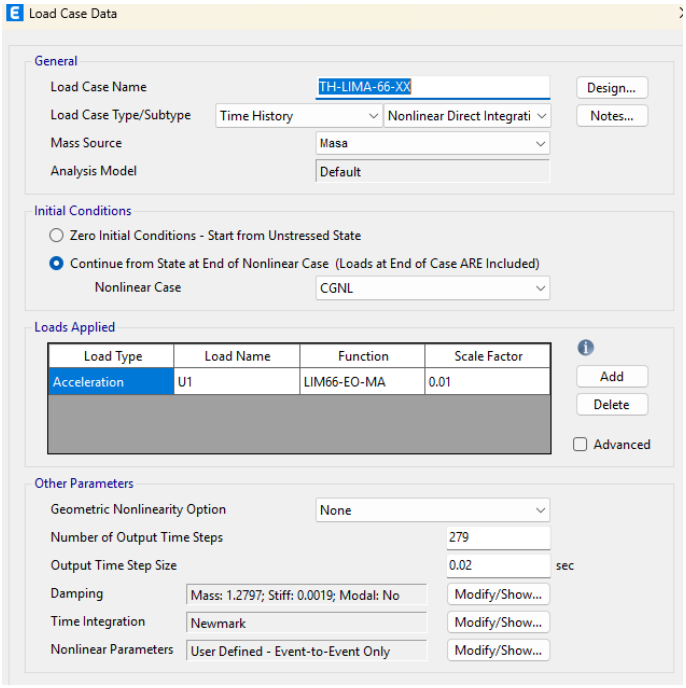
Load case - TH-LIMA-74-XX



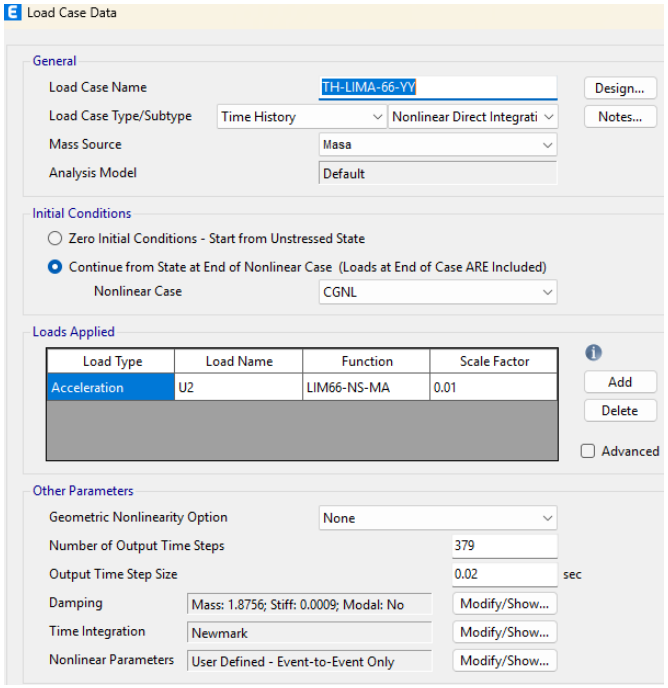
Load case - TH-LIMA-74-YY



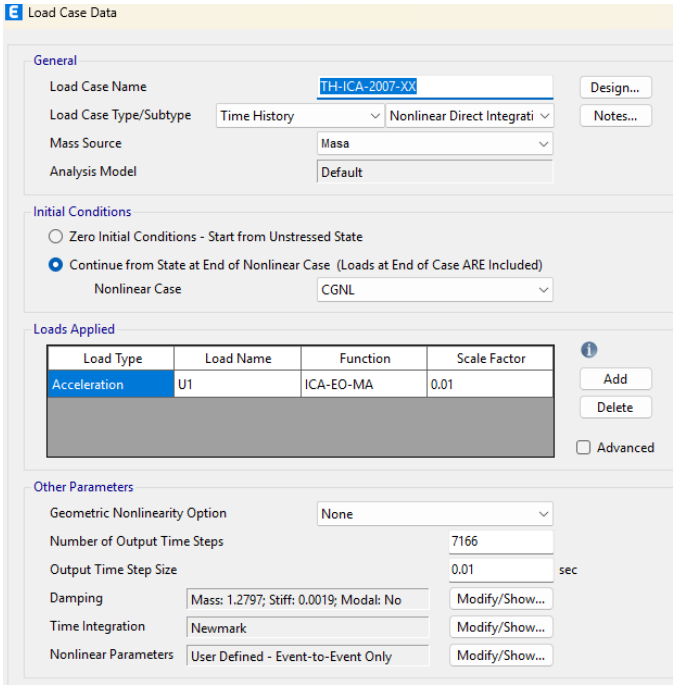
Load case - TH-LIMA-66-XX



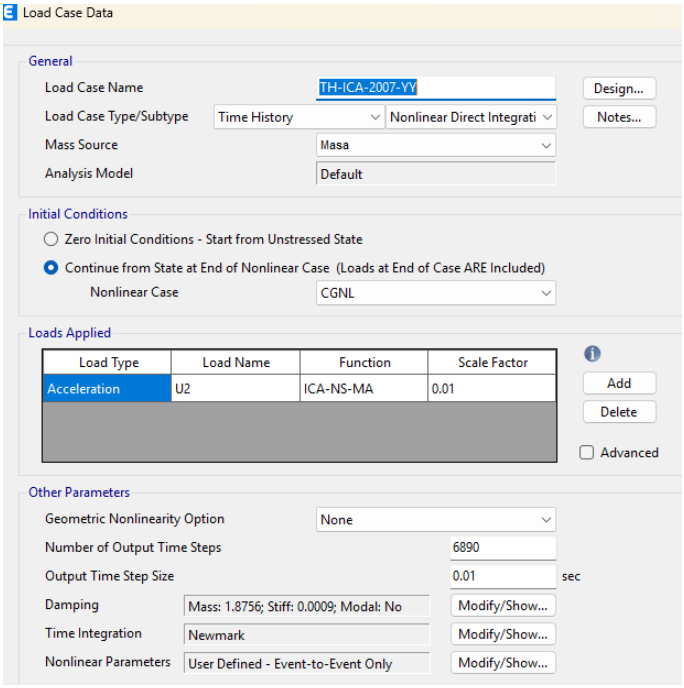
Load case - TH-LIMA-66-YY



Load case - TH-ICA-XX



Load case - TH-ICA-YY

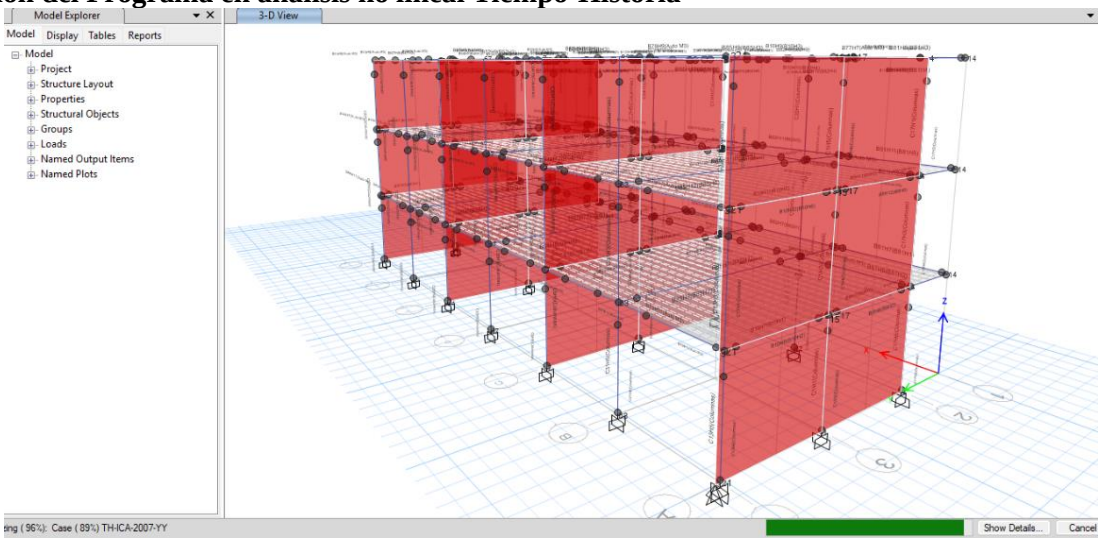


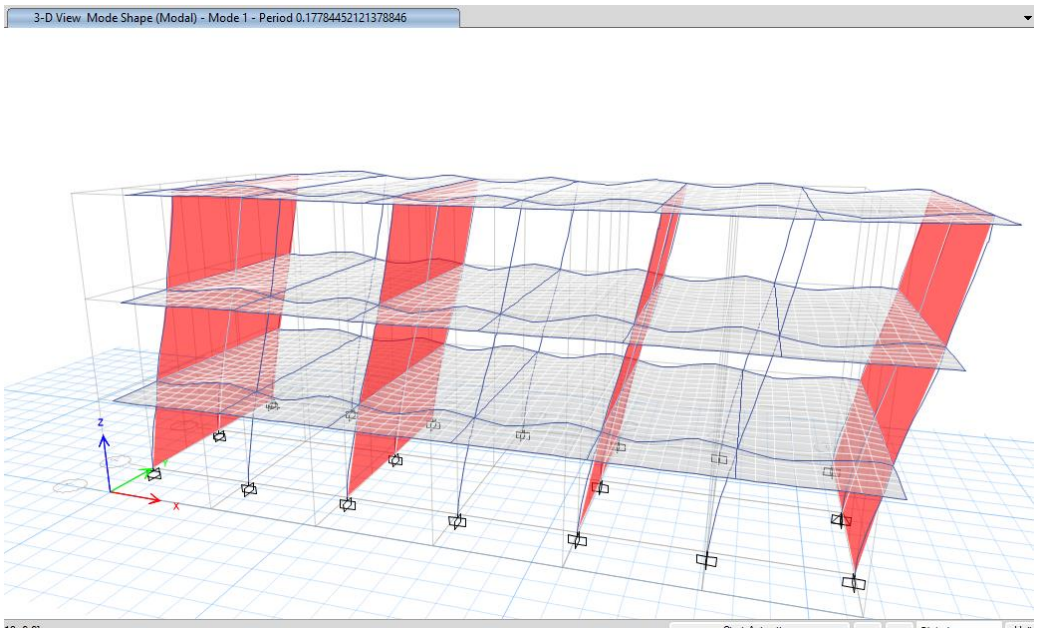
Ejecución del análisis dinámico no lineal

Una vez definidos los registros sísmicos y los casos de carga correspondientes, se procedió a ejecutar el análisis dinámico no lineal tiempo–historia del pabellón de aulas. El análisis permitió evaluar la evolución temporal de las respuestas estructurales, tales como desplazamientos, aceleraciones, fuerzas internas y estados de daño en los elementos

estructurales, considerando explícitamente los efectos inelásticos y la redistribución de esfuerzos durante la excitación sísmica.

Ejecución del Programa en análisis no lineal Tiempo-Historia





Resultados obtenidos del análisis tiempo–historia

Como resultado del análisis dinámico no lineal, se obtuvieron historias de desplazamiento, cortante basal, aceleraciones y estados de rótulas plásticas para cada registro sísmico aplicado. Estos resultados constituyen la base para la evaluación del nivel de desempeño estructural del pabellón de aulas, permitiendo una comparación directa con los resultados obtenidos mediante el análisis estático no lineal desarrollado en los objetivos anteriores.

Resultados de análisis no lineal tiempo-historia

Aulas

TABLE: Story Drifts										
Story	Output Case	Case Type	Step Type	Direction	Drift	Drift/	Label	X	Y	Z
								m	m	m
Story3	TH-LIMA-74-XX	NonDirHist	Max	X	0.001537	1/651	46	0.002326	0	0.099
Story3	TH-LIMA-74-XX	NonDirHist	Min	X	0.000982	1/1018	46	0.002326	0	0.099
Story3	TH-LIMA-66-XX	NonDirHist	Max	X	0.000826	1/1211	46	0.002326	0	0.099
Story3	TH-LIMA-66-XX	NonDirHist	Min	X	0.001534	1/652	46	0.002326	0	0.099
Story3	TH-ICA-2007-XX	NonDirHist	Max	X	0.001046	1/956	46	0.002326	0	0.099
Story3	TH-ICA-2007-XX	NonDirHist	Min	X	0.001626	1/615	46	0.002326	0	0.099
Story2	TH-LIMA-74-XX	NonDirHist	Max	X	0.002166	1/462	46	0.002326	0	0.066
Story2	TH-LIMA-74-XX	NonDirHist	Min	X	0.001365	1/733	46	0.002326	0	0.066
Story2	TH-LIMA-66-XX	NonDirHist	Max	X	0.001141	1/876	46	0.002326	0	0.066
Story2	TH-LIMA-66-XX	NonDirHist	Min	X	0.00234	1/427	46	0.002326	0	0.066
Story2	TH-ICA-2007-XX	NonDirHist	Max	X	0.001534	1/652	46	0.002326	0	0.066
Story2	TH-ICA-2007-XX	NonDirHist	Min	X	0.002407	1/415	46	0.002326	0	0.066
Story1	TH-LIMA-74-XX	NonDirHist	Max	X	0.001742	1/574	66	0.001163	0.0213	0.033
Story1	TH-LIMA-74-XX	NonDirHist	Min	X	0.001166	1/858	66	0.001163	0.0213	0.033
Story1	TH-LIMA-66-XX	NonDirHist	Max	X	0.000882	1/1134	66	0.001163	0.0213	0.033
Story1	TH-LIMA-66-XX	NonDirHist	Min	X	0.002027	1/493	66	0.001163	0.0213	0.033
Story1	TH-ICA-2007-XX	NonDirHist	Max	X	0.001329	1/753	66	0.001163	0.0213	0.033
Story1	TH-ICA-2007-XX	NonDirHist	Min	X	0.002024	1/494	66	0.001163	0.0213	0.033

TABLE: Joint Displacements

Story	Label	Unique Name	Output Case	Case Type	Step Type	Ux cm	Uy cm	Uz cm	Rx rad	Ry rad	Rz rad
Story3	37	100	TH-LIMA-74-XX	NonDirHist	Max	1.792882	-0.002491	-0.011384	0.000122	0.001015	0.000028
Story3	37	100	TH-LIMA-74-XX	NonDirHist	Min	-1.143858	-0.019052	-0.017154	0.000109	-0.000659	-0.000019
Story3	37	100	TH-LIMA-66-XX	NonDirHist	Max	0.938007	-0.000501	-0.007237	0.000118	0.000552	0.000016
Story3	37	100	TH-LIMA-66-XX	NonDirHist	Min	-1.944474	-0.013992	-0.017715	0.000109	-0.001005	-0.000024
Story3	37	100	TH-ICA-2007-XX	NonDirHist	Max	1.287678	-0.000342	-0.006338	0.000119	0.000697	0.000018
Story3	37	100	TH-ICA-2007-XX	NonDirHist	Min	-1.995821	-0.015429	-0.017195	0.000107	-0.001059	-0.000026
Story3	1	2	TH-LIMA-74-XX	NonDirHist	Max	1.781572	0.012443	0.008514	0.000042	0.001171	0.000028
Story3	1	2	TH-LIMA-74-XX	NonDirHist	Min	-1.137563	-0.040938	-0.02026	-0.000012	-0.000496	-0.000019
Story3	1	2	TH-LIMA-66-XX	NonDirHist	Max	0.931716	0.018265	-0.001083	0.000023	0.000732	0.000016
Story3	1	2	TH-LIMA-66-XX	NonDirHist	Min	-1.935013	-0.026164	-0.025895	-0.000015	-0.000838	-0.000024
Story3	1	2	TH-ICA-2007-XX	NonDirHist	Max	1.280492	0.019873	0.002458	0.000027	0.000864	0.000018
Story3	1	2	TH-ICA-2007-XX	NonDirHist	Min	-1.985558	-0.029419	-0.026418	-0.000015	-0.000913	-0.000026
Story3	2	9	TH-LIMA-74-XX	NonDirHist	Max	1.781572	-0.002491	-0.009642	0.000014	0.000933	0.000028
Story3	2	9	TH-LIMA-74-XX	NonDirHist	Min	-1.137563	-0.019052	-0.012299	0.000005	-0.000585	-0.000019
Story3	2	9	TH-LIMA-66-XX	NonDirHist	Max	0.931716	-0.000501	-0.007587	0.000011	0.000499	0.000016
Story3	2	9	TH-LIMA-66-XX	NonDirHist	Min	-1.935013	-0.013992	-0.012339	0.000004	-0.000905	-0.000024
Story3	2	9	TH-ICA-2007-XX	NonDirHist	Max	1.280492	-0.000342	-0.007442	0.000012	0.000631	0.000018
Story3	2	9	TH-ICA-2007-XX	NonDirHist	Min	-1.985558	-0.015429	-0.012343	0.000004	-0.00096	-0.000026
Story3	4	18	TH-LIMA-74-XX	NonDirHist	Max	1.792529	0.012443	0.003679	0.000111	0.000394	0.000028

Story3	4	18	TH-LIMA-74-XX	NonDirHist	Min	-1.143662	-0.040938	-0.026154	-0.000037	-0.000287	-0.000019
Story3	4	18	TH-LIMA-66-XX	NonDirHist	Max	0.937811	0.018265	-0.006077	0.000069	0.00028	0.000016
Story3	4	18	TH-LIMA-66-XX	NonDirHist	Min	-1.944179	-0.026164	-0.033821	-0.000054	-0.000435	-0.000024
Story3	4	18	TH-ICA-2007-XX	NonDirHist	Max	1.287453	0.019873	-0.001702	0.00008	0.000328	0.000018
Story3	4	18	TH-ICA-2007-XX	NonDirHist	Min	-1.995501	-0.029419	-0.033674	-0.00006	-0.000477	-0.000026
Story3	10	26	TH-LIMA-74-XX	NonDirHist	Max	1.792529	-0.002491	-0.010971	0.000024	0.00109	0.000028
Story3	10	26	TH-LIMA-74-XX	NonDirHist	Min	-1.143662	-0.019052	-0.016661	0.000011	-0.00071	-0.000019
Story3	10	26	TH-LIMA-66-XX	NonDirHist	Max	0.937811	-0.000501	-0.006811	0.000019	0.000593	0.000016
Story3	10	26	TH-LIMA-66-XX	NonDirHist	Min	-1.944179	-0.013992	-0.017197	0.00001	-0.001079	-0.000024
Story3	10	26	TH-ICA-2007-XX	NonDirHist	Max	1.287453	-0.000342	-0.005951	0.000021	0.000748	0.000018
Story3	10	26	TH-ICA-2007-XX	NonDirHist	Min	-1.995501	-0.015429	-0.016704	0.000009	-0.001138	-0.000026
Story3	7	60	TH-LIMA-74-XX	NonDirHist	Max	1.770616	-0.002491	-0.001736	0.000027	0.001086	0.000028
Story3	7	60	TH-LIMA-74-XX	NonDirHist	Min	-1.131464	-0.019052	-0.009118	0.000011	-0.000703	-0.000019
Story3	7	60	TH-LIMA-66-XX	NonDirHist	Max	0.925622	-0.000501	-0.002301	0.00002	0.000589	0.000016
Story3	7	60	TH-LIMA-66-XX	NonDirHist	Min	-1.925847	-0.013992	-0.009121	0.000011	-0.001079	-0.000024
Story3	7	60	TH-ICA-2007-XX	NonDirHist	Max	1.273532	-0.000342	-0.001881	0.000021	0.000745	0.000018
Story3	7	60	TH-ICA-2007-XX	NonDirHist	Min	-1.975615	-0.015429	-0.008951	0.000012	-0.001135	-0.000026
Story3	21	55	TH-LIMA-74-XX	NonDirHist	Max	1.770616	0.012443	0.033044	0.000111	0.000162	0.000028
Story3	21	55	TH-LIMA-74-XX	NonDirHist	Min	-1.131464	-0.040938	-0.025928	-0.000069	-0.000166	-0.000019
Story3	21	55	TH-LIMA-66-XX	NonDirHist	Max	0.925622	0.018265	0.011839	0.000156	0.000155	0.000016
Story3	21	55	TH-LIMA-66-XX	NonDirHist	Min	-1.925847	-0.026164	-0.033705	-0.000016	-0.000107	-0.000024
Story3	21	55	TH-ICA-2007-XX	NonDirHist	Max	1.273532	0.019873	0.018312	0.00016	0.000149	0.000018
Story3	21	55	TH-ICA-2007-XX	NonDirHist	Min	-1.975615	-0.029419	-0.034869	-0.000034	-0.000139	-0.000026

Story3	14	75	TH-LIMA-74-XX	NonDirHist	Max	1.798544	0.012443	-0.083777	0.000549	0.000775	0.000028
Story3	14	75	TH-LIMA-74-XX	NonDirHist	Min	-1.14701	-0.040938	-0.095872	0.000474	0.000614	-0.000019
Story3	14	75	TH-LIMA-66-XX	NonDirHist	Max	0.941156	0.018265	-0.088429	0.00053	0.000773	0.000016
Story3	14	75	TH-LIMA-66-XX	NonDirHist	Min	-1.949211	-0.026164	-0.100734	0.000469	0.000727	-0.000024
Story3	14	75	TH-ICA-2007-XX	NonDirHist	Max	1.291275	0.019873	-0.085158	0.000534	0.000772	0.000018
Story3	14	75	TH-ICA-2007-XX	NonDirHist	Min	-2.000959	-0.029419	-0.099377	0.000466	0.000683	-0.000026
Story3	16	81	TH-LIMA-74-XX	NonDirHist	Max	1.798544	-0.002491	-0.271734	0.001683	0.000163	0.000028
Story3	16	81	TH-LIMA-74-XX	NonDirHist	Min	-1.14701	-0.019052	-0.282624	0.001624	-0.000088	-0.000019
Story3	16	81	TH-LIMA-66-XX	NonDirHist	Max	0.941156	-0.000501	-0.270837	0.001683	0.000088	0.000016
Story3	16	81	TH-LIMA-66-XX	NonDirHist	Min	-1.949211	-0.013992	-0.282772	0.001663	-0.000168	-0.000024
Story3	16	81	TH-ICA-2007-XX	NonDirHist	Max	1.291275	-0.000342	-0.268601	0.001682	0.000117	0.000018
Story3	16	81	TH-ICA-2007-XX	NonDirHist	Min	-2.000959	-0.015429	-0.282547	0.001648	-0.000171	-0.000026
Story3	32	115	TH-LIMA-74-XX	NonDirHist	Max	1.792529	0.002861	-0.007552	0.000024	0.001093	0.000028
Story3	32	115	TH-LIMA-74-XX	NonDirHist	Min	-1.143662	-0.017445	-0.016965	0.000004	-0.000712	-0.000019
Story3	32	115	TH-LIMA-66-XX	NonDirHist	Max	0.937811	-0.001804	-0.011627	0.000024	0.000594	0.000016
Story3	32	115	TH-LIMA-66-XX	NonDirHist	Min	-1.944179	-0.020085	-0.016921	0.000009	-0.001076	-0.000024
Story3	32	115	TH-ICA-2007-XX	NonDirHist	Max	1.287453	-0.001416	-0.010597	0.000024	0.000748	0.000018
Story3	32	115	TH-ICA-2007-XX	NonDirHist	Min	-1.995501	-0.020715	-0.016681	0.000009	-0.001138	-0.000026
Story3	33	119	TH-LIMA-74-XX	NonDirHist	Max	1.770616	0.002861	-0.004196	0.000024	0.001085	0.000028
Story3	33	119	TH-LIMA-74-XX	NonDirHist	Min	-1.131464	-0.017445	-0.009163	0.000007	-0.000705	-0.000019
Story3	33	119	TH-LIMA-66-XX	NonDirHist	Max	0.925622	-0.001804	0.000336	0.000027	0.00059	0.000016
Story3	33	119	TH-LIMA-66-XX	NonDirHist	Min	-1.925847	-0.020085	-0.009564	0.000011	-0.001074	-0.000024
Story3	33	119	TH-ICA-2007-XX	NonDirHist	Max	1.273532	-0.001416	0.000363	0.00003	0.000744	0.000018

Story3	33	119	TH-ICA-2007-XX	NonDirHist	Min	-1.975615	-0.020715	-0.009234	0.00001	-0.001134	-0.000026
Story3	34	122	TH-LIMA-74-XX	NonDirHist	Max	1.798544	0.002861	-0.271555	0.001685	0.000155	0.000028
Story3	34	122	TH-LIMA-74-XX	NonDirHist	Min	-1.14701	-0.017445	-0.283543	0.001658	-0.000104	-0.000019
Story3	34	122	TH-LIMA-66-XX	NonDirHist	Max	0.941156	-0.001804	-0.269037	0.001686	0.000073	0.000016
Story3	34	122	TH-LIMA-66-XX	NonDirHist	Min	-1.949211	-0.020085	-0.283542	0.00162	-0.000161	-0.000024
Story3	34	122	TH-ICA-2007-XX	NonDirHist	Max	1.291275	-0.001416	-0.268414	0.001685	0.000095	0.000018
Story3	34	122	TH-ICA-2007-XX	NonDirHist	Min	-2.000959	-0.020715	-0.283308	0.001614	-0.000169	-0.000026
Story3	35	70	TH-LIMA-74-XX	NonDirHist	Max	1.792176	0.024253	0	0	0	0.000028
Story3	35	70	TH-LIMA-74-XX	NonDirHist	Min	-1.143465	-0.032042	0	0	0	-0.000019
Story3	35	70	TH-LIMA-66-XX	NonDirHist	Max	0.937614	0.010094	0	0	0	0.000016
Story3	35	70	TH-LIMA-66-XX	NonDirHist	Min	-1.943883	-0.03798	0	0	0	-0.000024
Story3	35	70	TH-ICA-2007-XX	NonDirHist	Max	1.287229	0.012253	0	0	0	0.000018
Story3	35	70	TH-ICA-2007-XX	NonDirHist	Min	-1.995181	-0.040339	0	0	0	-0.000026
Story3	36	108	TH-LIMA-74-XX	NonDirHist	Max	1.792882	0.013621	0.018297	0.000096	0.001079	0.000028
Story3	36	108	TH-LIMA-74-XX	NonDirHist	Min	-1.143858	-0.024787	-0.049636	0.000064	-0.000696	-0.000019
Story3	36	108	TH-LIMA-66-XX	NonDirHist	Max	0.938007	0.00418	0.064365	0.000108	0.000582	0.000016
Story3	36	108	TH-LIMA-66-XX	NonDirHist	Min	-1.944474	-0.029086	-0.045296	0.000068	-0.001085	-0.000024
Story3	36	108	TH-ICA-2007-XX	NonDirHist	Max	1.287678	0.005456	0.066417	0.000105	0.000734	0.000018
Story3	36	108	TH-ICA-2007-XX	NonDirHist	Min	-1.995821	-0.030519	-0.046654	0.000069	-0.001143	-0.000026
Story3	40	15	TH-LIMA-74-XX	NonDirHist	Max	1.781572	0.024747	0.001455	0.000027	0.000826	0.000028
Story3	40	15	TH-LIMA-74-XX	NonDirHist	Min	-1.137563	-0.032379	-0.027612	-0.000017	-0.000832	-0.000019
Story3	40	15	TH-LIMA-66-XX	NonDirHist	Max	0.931716	0.010369	0.01017	0.00003	0.000348	0.000016
Story3	40	15	TH-LIMA-66-XX	NonDirHist	Min	-1.935013	-0.038393	-0.019655	-0.000006	-0.001132	-0.000024

Story3	40	15	TH-ICA-2007-XX	NonDirHist	Max	1.280492	0.012569	0.01084	0.000032	0.000491	0.000018
Story3	40	15	TH-ICA-2007-XX	NonDirHist	Min	-1.985558	-0.040796	-0.022633	-0.000007	-0.001202	-0.000026
Story3	41	29	TH-LIMA-74-XX	NonDirHist	Max	1.792529	0.013621	0.018566	-3.109E-07	0.001155	0.000028
Story3	41	29	TH-LIMA-74-XX	NonDirHist	Min	-1.143662	-0.024787	-0.049767	-0.000032	-0.000741	-0.000019
Story3	41	29	TH-LIMA-66-XX	NonDirHist	Max	0.937811	0.00418	0.06475	0.000008	0.000624	0.000016
Story3	41	29	TH-LIMA-66-XX	NonDirHist	Min	-1.944179	-0.029086	-0.045356	-0.000026	-0.001155	-0.000024
Story3	41	29	TH-ICA-2007-XX	NonDirHist	Max	1.287453	0.005456	0.066692	0.000006	0.000786	0.000018
Story3	41	29	TH-ICA-2007-XX	NonDirHist	Min	-1.995501	-0.030519	-0.046708	-0.000026	-0.001216	-0.000026
Story3	42	32	TH-LIMA-74-XX	NonDirHist	Max	1.792529	0.024747	-0.003231	0.000084	0.000432	0.000028
Story3	42	32	TH-LIMA-74-XX	NonDirHist	Min	-1.143662	-0.032379	-0.030982	-0.00007	-0.000306	-0.000019
Story3	42	32	TH-LIMA-66-XX	NonDirHist	Max	0.937811	0.010369	0.007312	0.000106	0.000198	0.000016
Story3	42	32	TH-LIMA-66-XX	NonDirHist	Min	-1.944179	-0.038393	-0.023618	-0.000029	-0.000363	-0.000024
Story3	42	32	TH-ICA-2007-XX	NonDirHist	Max	1.287453	0.012569	0.007599	0.000112	0.000271	0.000018
Story3	42	32	TH-ICA-2007-XX	NonDirHist	Min	-1.995501	-0.040796	-0.027492	-0.000038	-0.000386	-0.000026
Story3	43	66	TH-LIMA-74-XX	NonDirHist	Max	1.770616	0.013621	0.027604	0.000083	0.001147	0.000028
Story3	43	66	TH-LIMA-74-XX	NonDirHist	Min	-1.131464	-0.024787	-0.041708	0.000049	-0.000737	-0.000019
Story3	43	66	TH-LIMA-66-XX	NonDirHist	Max	0.925622	0.00418	0.073394	0.00008	0.00062	0.000016
Story3	43	66	TH-LIMA-66-XX	NonDirHist	Min	-1.925847	-0.029086	-0.038078	0.00006	-0.001152	-0.000024
Story3	43	66	TH-ICA-2007-XX	NonDirHist	Max	1.273532	0.005456	0.075062	0.000089	0.000782	0.000018
Story3	43	66	TH-ICA-2007-XX	NonDirHist	Min	-1.975615	-0.030519	-0.039506	0.000057	-0.001213	-0.000026
Story3	44	72	TH-LIMA-74-XX	NonDirHist	Max	1.770616	0.024747	0.017675	0.000058	0.000481	0.000028
Story3	44	72	TH-LIMA-74-XX	NonDirHist	Min	-1.131464	-0.032379	-0.041953	0.000004	-0.000331	-0.000019
Story3	44	72	TH-LIMA-66-XX	NonDirHist	Max	0.925622	0.010369	0.031889	0.000045	0.000226	0.000016

Story3	44	72	TH-LIMA-66-XX	NonDirHist	Min	-1.925847	-0.038393	-0.025985	-0.000012	-0.000399	-0.000024
Story3	44	72	TH-ICA-2007-XX	NonDirHist	Max	1.273532	0.012569	0.033924	0.000053	0.000301	0.000018
Story3	44	72	TH-ICA-2007-XX	NonDirHist	Min	-1.975615	-0.040796	-0.030519	-0.000012	-0.000429	-0.000026
Story3	45	84	TH-LIMA-74-XX	NonDirHist	Max	1.798544	0.013621	-0.241136	0.001629	0.000064	0.000028
Story3	45	84	TH-LIMA-74-XX	NonDirHist	Min	-1.14701	-0.024787	-0.295885	0.001549	-0.00019	-0.000019
Story3	45	84	TH-LIMA-66-XX	NonDirHist	Max	0.941156	0.00418	-0.202124	0.00167	-0.000008	0.000016
Story3	45	84	TH-LIMA-66-XX	NonDirHist	Min	-1.949211	-0.029086	-0.291975	0.001554	-0.000266	-0.000024
Story3	45	84	TH-ICA-2007-XX	NonDirHist	Max	1.291275	0.005456	-0.199106	0.001667	0.000016	0.000018
Story3	45	84	TH-ICA-2007-XX	NonDirHist	Min	-2.000959	-0.030519	-0.29375	0.001556	-0.000273	-0.000026
Story3	46	87	TH-LIMA-74-XX	NonDirHist	Max	1.798544	0.024747	-0.086108	0.000538	-0.000692	0.000028
Story3	46	87	TH-LIMA-74-XX	NonDirHist	Min	-1.14701	-0.032379	-0.094921	0.000455	-0.000769	-0.000019
Story3	46	87	TH-LIMA-66-XX	NonDirHist	Max	0.941156	0.010369	-0.078851	0.000544	-0.000587	0.000016
Story3	46	87	TH-LIMA-66-XX	NonDirHist	Min	-1.949211	-0.038393	-0.093156	0.000478	-0.000777	-0.000024
Story3	46	87	TH-ICA-2007-XX	NonDirHist	Max	1.291275	0.012569	-0.079411	0.000546	-0.000584	0.000018
Story3	46	87	TH-ICA-2007-XX	NonDirHist	Min	-2.000959	-0.040796	-0.095634	0.000475	-0.000769	-0.000026
Story3	47	124	TH-LIMA-74-XX	NonDirHist	Max	1.792882	0.002861	-0.007876	0.000122	0.001018	0.000028
Story3	47	124	TH-LIMA-74-XX	NonDirHist	Min	-1.143858	-0.017445	-0.017481	0.000102	-0.000662	-0.000019
Story3	47	124	TH-LIMA-66-XX	NonDirHist	Max	0.938007	-0.001804	-0.012201	0.000122	0.000552	0.000016
Story3	47	124	TH-LIMA-66-XX	NonDirHist	Min	-1.944474	-0.020085	-0.017438	0.000109	-0.001001	-0.000024
Story3	47	124	TH-ICA-2007-XX	NonDirHist	Max	1.287678	-0.001416	-0.010992	0.000122	0.000696	0.000018
Story3	47	124	TH-ICA-2007-XX	NonDirHist	Min	-1.995821	-0.020715	-0.017183	0.000108	-0.001059	-0.000026
Story3	49	127	TH-LIMA-74-XX	NonDirHist	Max	1.781572	0.002861	-0.008776	0.000013	0.000915	0.000028
Story3	49	127	TH-LIMA-74-XX	NonDirHist	Min	-1.137563	-0.017445	-0.012262	0.000002	-0.000597	-0.000019

Story3	49	127	TH-LIMA-66-XX	NonDirHist	Max	0.931716	-0.001804	-0.008591	0.000014	0.00049	0.000016
Story3	49	127	TH-LIMA-66-XX	NonDirHist	Min	-1.935013	-0.020085	-0.01225	0.000005	-0.000915	-0.000024
Story3	49	127	TH-ICA-2007-XX	NonDirHist	Max	1.280492	-0.001416	-0.008851	0.000015	0.000618	0.000018
Story3	49	127	TH-ICA-2007-XX	NonDirHist	Min	-1.985558	-0.020715	-0.012233	0.000004	-0.000975	-0.000026
Story3	61	104	TH-LIMA-74-XX	NonDirHist	Max	1.792882	0.004812	0.055381	0.000105	0.001086	0.000028
Story3	61	104	TH-LIMA-74-XX	NonDirHist	Min	-1.143858	-0.029755	-0.045768	0.000071	-0.000691	-0.000019
Story3	61	104	TH-LIMA-66-XX	NonDirHist	Max	0.938007	0.008676	0.004623	0.000088	0.00058	0.000016
Story3	61	104	TH-LIMA-66-XX	NonDirHist	Min	-1.944474	-0.019945	-0.05228	0.00007	-0.001073	-0.000024
Story3	61	104	TH-ICA-2007-XX	NonDirHist	Max	1.287678	0.009544	0.02095	0.000095	0.000734	0.000018
Story3	61	104	TH-ICA-2007-XX	NonDirHist	Min	-1.995821	-0.022271	-0.046064	0.000072	-0.001139	-0.000026
Story3	62	20	TH-LIMA-74-XX	NonDirHist	Max	1.792529	0.004812	0.055734	0.000006	0.001157	0.000028
Story3	62	20	TH-LIMA-74-XX	NonDirHist	Min	-1.143662	-0.029755	-0.045784	-0.000024	-0.000741	-0.000019
Story3	62	20	TH-LIMA-66-XX	NonDirHist	Max	0.937811	0.008676	0.004805	-0.000007	0.000617	0.000016
Story3	62	20	TH-LIMA-66-XX	NonDirHist	Min	-1.944179	-0.019945	-0.052326	-0.000025	-0.001147	-0.000024
Story3	62	20	TH-ICA-2007-XX	NonDirHist	Max	1.287453	0.009544	0.021181	-0.000002	0.000782	0.000018
Story3	62	20	TH-ICA-2007-XX	NonDirHist	Min	-1.995501	-0.022271	-0.046072	-0.000024	-0.001218	-0.000026
Story3	63	56	TH-LIMA-74-XX	NonDirHist	Max	1.770616	0.004812	0.072312	0.000084	0.001171	0.000028
Story3	63	56	TH-LIMA-74-XX	NonDirHist	Min	-1.131464	-0.029755	-0.041406	0.000059	-0.000742	-0.000019
Story3	63	56	TH-LIMA-66-XX	NonDirHist	Max	0.925622	0.008676	0.014545	0.000079	0.000619	0.000016
Story3	63	56	TH-LIMA-66-XX	NonDirHist	Min	-1.925847	-0.019945	-0.050772	0.000055	-0.001155	-0.000024
Story3	63	56	TH-ICA-2007-XX	NonDirHist	Max	1.273532	0.009544	0.034212	0.000078	0.000788	0.000018
Story3	63	56	TH-ICA-2007-XX	NonDirHist	Min	-1.975615	-0.022271	-0.04244	0.000053	-0.001225	-0.000026
Story3	64	78	TH-LIMA-74-XX	NonDirHist	Max	1.798544	0.004812	-0.209786	0.001663	0.000245	0.000028

Story3	64	78	TH-LIMA-74-XX	NonDirHist	Min	-1.14701	-0.029755	-0.293713	0.00156	-0.000019	-0.000019
Story3	64	78	TH-LIMA-66-XX	NonDirHist	Max	0.941156	0.008676	-0.251437	0.00161	0.00016	0.000016
Story3	64	78	TH-LIMA-66-XX	NonDirHist	Min	-1.949211	-0.019945	-0.299434	0.001555	-0.000082	-0.000024
Story3	64	78	TH-ICA-2007-XX	NonDirHist	Max	1.291275	0.009544	-0.237952	0.00163	0.000186	0.000018
Story3	64	78	TH-ICA-2007-XX	NonDirHist	Min	-2.000959	-0.022271	-0.295017	0.001563	-0.00009	-0.000026
Story3	65	125	TH-LIMA-74-XX	NonDirHist	Max	1.792882	-0.007868	0.003144	0.00009	0.000955	0.000028
Story3	65	125	TH-LIMA-74-XX	NonDirHist	Min	-1.143858	-0.009968	-0.023214	0.000065	-0.000632	-0.000019
Story3	65	125	TH-LIMA-66-XX	NonDirHist	Max	0.938007	-0.007898	0.012497	0.000085	0.000527	0.000016
Story3	65	125	TH-LIMA-66-XX	NonDirHist	Min	-1.944474	-0.010919	-0.023174	0.000071	-0.000944	-0.000024
Story3	65	125	TH-ICA-2007-XX	NonDirHist	Max	1.287678	-0.007838	0.013185	0.000089	0.000665	0.000018
Story3	65	125	TH-ICA-2007-XX	NonDirHist	Min	-1.995821	-0.010772	-0.022861	0.000059	-0.000995	-0.000026
Story3	66	130	TH-LIMA-74-XX	NonDirHist	Max	1.792529	-0.007868	0.002974	-0.000009	0.001034	0.000028
Story3	66	130	TH-LIMA-74-XX	NonDirHist	Min	-1.143662	-0.009968	-0.023121	-0.000037	-0.000683	-0.000019
Story3	66	130	TH-LIMA-66-XX	NonDirHist	Max	0.937811	-0.007898	0.012387	-0.000013	0.00057	0.000016
Story3	66	130	TH-LIMA-66-XX	NonDirHist	Min	-1.944179	-0.010919	-0.02308	-0.000032	-0.001021	-0.000024
Story3	66	130	TH-ICA-2007-XX	NonDirHist	Max	1.287453	-0.007838	0.012928	-0.000011	0.000719	0.000018
Story3	66	130	TH-ICA-2007-XX	NonDirHist	Min	-1.995501	-0.010772	-0.022768	-0.000044	-0.001077	-0.000026
Story3	67	134	TH-LIMA-74-XX	NonDirHist	Max	1.770616	-0.007868	0.0107	0.000089	0.001032	0.000028
Story3	67	134	TH-LIMA-74-XX	NonDirHist	Min	-1.131464	-0.009968	-0.015883	0.000061	-0.000681	-0.000019
Story3	67	134	TH-LIMA-66-XX	NonDirHist	Max	0.925622	-0.007898	0.020264	0.000093	0.000569	0.000016
Story3	67	134	TH-LIMA-66-XX	NonDirHist	Min	-1.925847	-0.010919	-0.015868	0.000068	-0.001024	-0.000024
Story3	67	134	TH-ICA-2007-XX	NonDirHist	Max	1.273532	-0.007838	0.021466	0.000104	0.000719	0.000018
Story3	67	134	TH-ICA-2007-XX	NonDirHist	Min	-1.975615	-0.010772	-0.015835	0.000066	-0.001078	-0.000026

Story3	68	137	TH-LIMA-74-XX	NonDirHist	Max	1.798544	-0.007868	-0.259833	0.001678	0.000055	0.000028
Story3	68	137	TH-LIMA-74-XX	NonDirHist	Min	-1.14701	-0.009968	-0.284189	0.001655	-0.000043	-0.000019
Story3	68	137	TH-LIMA-66-XX	NonDirHist	Max	0.941156	-0.007898	-0.253219	0.001687	0.000031	0.000016
Story3	68	137	TH-LIMA-66-XX	NonDirHist	Min	-1.949211	-0.010919	-0.284183	0.001655	-0.000062	-0.000024
Story3	68	137	TH-ICA-2007-XX	NonDirHist	Max	1.291275	-0.007838	-0.250876	0.001681	0.000041	0.000018
Story3	68	137	TH-ICA-2007-XX	NonDirHist	Min	-2.000959	-0.010772	-0.283927	0.001655	-0.000064	-0.000026
Story3	3	44	TH-LIMA-74-XX	NonDirHist	Max	1.770045	0.012465	0.031673	0.000133	0.00013	0.000043
Story3	3	44	TH-LIMA-74-XX	NonDirHist	Min	-1.131144	-0.040989	-0.023875	-0.000094	-0.000156	-0.00003
Story3	3	44	TH-LIMA-66-XX	NonDirHist	Max	0.925306	0.018301	0.011494	0.000188	0.00013	0.000024
Story3	3	44	TH-LIMA-66-XX	NonDirHist	Min	-1.925363	-0.026178	-0.031065	-0.000025	-0.000076	-0.000037
Story3	3	44	TH-ICA-2007-XX	NonDirHist	Max	1.27317	0.019906	0.017631	0.000193	0.000123	0.000027
Story3	3	44	TH-ICA-2007-XX	NonDirHist	Min	-1.975089	-0.029447	-0.031905	-0.000048	-0.000112	-0.000041
Story3	5	50	TH-LIMA-74-XX	NonDirHist	Max	1.78161	0.024713	0.001427	0.000027	0.000826	0.000028
Story3	5	50	TH-LIMA-74-XX	NonDirHist	Min	-1.137584	-0.032357	-0.02759	-0.000017	-0.000832	-0.000019
Story3	5	50	TH-LIMA-66-XX	NonDirHist	Max	0.931737	0.01035	0.010132	0.00003	0.000348	0.000016
Story3	5	50	TH-LIMA-66-XX	NonDirHist	Min	-1.935044	-0.038359	-0.019648	-0.000006	-0.001132	-0.000024
Story3	5	50	TH-ICA-2007-XX	NonDirHist	Max	1.280516	0.012547	0.010799	0.000032	0.000491	0.000018
Story3	5	50	TH-ICA-2007-XX	NonDirHist	Min	-1.985592	-0.040761	-0.022624	-0.000007	-0.001202	-0.000026
Story3	15	89	TH-LIMA-74-XX	NonDirHist	Max	0	0	0	0	0	0
Story3	8	168	TH-LIMA-74-XX	NonDirHist	Max	1.782769	-0.007882	0	0	0	0.000028
Story3	8	168	TH-LIMA-74-XX	NonDirHist	Min	-1.138229	-0.009952	0	0	0	-0.000019
Story3	8	168	TH-LIMA-66-XX	NonDirHist	Max	0.932382	-0.00791	0	0	0	0.000016
Story3	8	168	TH-LIMA-66-XX	NonDirHist	Min	-1.936014	-0.0109	0	0	0	-0.000024
Story3	8	168	TH-ICA-2007-XX	NonDirHist	Max	1.281253	-0.00785	0	0	0	0.000018

Story3	8	168	TH-ICA-2007-XX	NonDirHist	Min	-1.986644	-0.010751	0	0	0	-0.000026
Story2	37	8	TH-LIMA-74-XX	NonDirHist	Max	1.287549	-0.000374	-0.010425	0.000297	0.001519	0.000019
Story2	37	8	TH-LIMA-74-XX	NonDirHist	Min	-0.834175	-0.011877	-0.015818	0.000283	-0.000951	-0.000013
Story2	37	8	TH-LIMA-66-XX	NonDirHist	Max	0.666489	0.001494	-0.006914	0.000295	0.000816	0.000011
Story2	37	8	TH-LIMA-66-XX	NonDirHist	Min	-1.439501	-0.008634	-0.016365	0.000274	-0.001564	-0.000018
Story2	37	8	TH-ICA-2007-XX	NonDirHist	Max	0.94345	0.001801	-0.006535	0.000295	0.001062	0.000013
Story2	37	8	TH-ICA-2007-XX	NonDirHist	Min	-1.460583	-0.009674	-0.015845	0.000273	-0.001639	-0.000019
Story2	1	1	TH-LIMA-74-XX	NonDirHist	Max	1.279794	0.00989	0.007641	0.00004	0.00184	0.000019
Story2	1	1	TH-LIMA-74-XX	NonDirHist	Min	-0.829569	-0.026885	-0.017582	-0.00001	-0.000906	-0.000013
Story2	1	1	TH-LIMA-66-XX	NonDirHist	Max	0.66207	0.015106	-0.000849	0.000023	0.001049	0.000011
Story2	1	1	TH-LIMA-66-XX	NonDirHist	Min	-1.432404	-0.017183	-0.022432	-0.000015	-0.001616	-0.000018
Story2	1	1	TH-ICA-2007-XX	NonDirHist	Max	0.938301	0.016486	0.002262	0.000027	0.001312	0.000013
Story2	1	1	TH-ICA-2007-XX	NonDirHist	Min	-1.453076	-0.019705	-0.02286	-0.000015	-0.001696	-0.000019
Story2	2	7	TH-LIMA-74-XX	NonDirHist	Max	1.279794	-0.000374	-0.008329	0.000013	0.001516	0.000019
Story2	2	7	TH-LIMA-74-XX	NonDirHist	Min	-0.829569	-0.011877	-0.010625	0.000004	-0.000926	-0.000013
Story2	2	7	TH-LIMA-66-XX	NonDirHist	Max	0.66207	0.001494	-0.006655	0.00001	0.00081	0.000011
Story2	2	7	TH-LIMA-66-XX	NonDirHist	Min	-1.432404	-0.008634	-0.010661	0.000003	-0.001564	-0.000018
Story2	2	7	TH-ICA-2007-XX	NonDirHist	Max	0.938301	0.001801	-0.006379	0.000011	0.001045	0.000013
Story2	2	7	TH-ICA-2007-XX	NonDirHist	Min	-1.453076	-0.009674	-0.010663	0.000003	-0.001633	-0.000019
Story2	4	21	TH-LIMA-74-XX	NonDirHist	Max	1.287307	0.00989	0.001871	0.000126	0.0011	0.000019
Story2	4	21	TH-LIMA-74-XX	NonDirHist	Min	-0.834031	-0.026885	-0.022526	-0.000032	-0.000658	-0.000013
Story2	4	21	TH-LIMA-66-XX	NonDirHist	Max	0.666351	0.015106	-0.005934	0.00008	0.000642	0.000011
Story2	4	21	TH-LIMA-66-XX	NonDirHist	Min	-1.439279	-0.017183	-0.029048	-0.00006	-0.00113	-0.000018

Story2	4	21	TH-ICA-2007-XX	NonDirHist	Max	0.943289	0.016486	-0.002063	0.000093	0.000801	0.000013
Story2	4	21	TH-ICA-2007-XX	NonDirHist	Min	-1.460349	-0.019705	-0.028817	-0.000066	-0.001183	-0.000019
Story2	10	27	TH-LIMA-74-XX	NonDirHist	Max	1.287307	-0.000374	-0.009491	0.000028	0.001634	0.000019
Story2	10	27	TH-LIMA-74-XX	NonDirHist	Min	-0.834031	-0.011877	-0.014743	0.000012	-0.001024	-0.000013
Story2	10	27	TH-LIMA-66-XX	NonDirHist	Max	0.666351	0.001494	-0.006085	0.000025	0.000877	0.000011
Story2	10	27	TH-LIMA-66-XX	NonDirHist	Min	-1.439279	-0.008634	-0.015269	0.000004	-0.001684	-0.000018
Story2	10	27	TH-ICA-2007-XX	NonDirHist	Max	0.943289	0.001801	-0.005713	0.000025	0.001142	0.000013
Story2	10	27	TH-ICA-2007-XX	NonDirHist	Min	-1.460349	-0.009674	-0.01478	0.000004	-0.001765	-0.000019
Story2	7	59	TH-LIMA-74-XX	NonDirHist	Max	1.27228	-0.000374	-0.001958	0.00003	0.001619	0.000019
Story2	7	59	TH-LIMA-74-XX	NonDirHist	Min	-0.825107	-0.011877	-0.007988	0.00001	-0.001018	-0.000013
Story2	7	59	TH-LIMA-66-XX	NonDirHist	Max	0.65779	0.001494	-0.002325	0.000019	0.000869	0.000011
Story2	7	59	TH-LIMA-66-XX	NonDirHist	Min	-1.42553	-0.008634	-0.007994	0.000009	-0.001677	-0.000018
Story2	7	59	TH-ICA-2007-XX	NonDirHist	Max	0.933313	0.001801	-0.002383	0.000022	0.001133	0.000013
Story2	7	59	TH-ICA-2007-XX	NonDirHist	Min	-1.445803	-0.009674	-0.007839	0.00001	-0.00176	-0.000019
Story2	21	53	TH-LIMA-74-XX	NonDirHist	Max	1.27228	0.00989	0.029147	0.000106	0.000582	0.000019
Story2	21	53	TH-LIMA-74-XX	NonDirHist	Min	-0.825107	-0.026885	-0.023203	-0.000087	-0.000445	-0.000013
Story2	21	53	TH-LIMA-66-XX	NonDirHist	Max	0.65779	0.015106	0.010896	0.000158	0.000443	0.000011
Story2	21	53	TH-LIMA-66-XX	NonDirHist	Min	-1.42553	-0.017183	-0.031118	-0.000026	-0.000558	-0.000018
Story2	21	53	TH-ICA-2007-XX	NonDirHist	Max	0.933313	0.016486	0.016707	0.000159	0.000495	0.000013
Story2	21	53	TH-ICA-2007-XX	NonDirHist	Min	-1.445803	-0.019705	-0.032638	-0.00005	-0.000602	-0.000019
Story2	14	76	TH-LIMA-74-XX	NonDirHist	Max	1.291432	0.00989	-0.154328	0.001038	0.001787	0.000019
Story2	14	76	TH-LIMA-74-XX	NonDirHist	Min	-0.83648	-0.026885	-0.165253	0.000992	0.001525	-0.000013
Story2	14	76	TH-LIMA-66-XX	NonDirHist	Max	0.668701	0.015106	-0.158691	0.00103	0.001774	0.000011

Story2	14	76	TH-LIMA-66-XX	NonDirHist	Min	-1.443053	-0.017183	-0.168742	0.000991	0.001429	-0.000018
Story2	14	76	TH-ICA-2007-XX	NonDirHist	Max	0.946027	0.016486	-0.155144	0.00103	0.001773	0.000013
Story2	14	76	TH-ICA-2007-XX	NonDirHist	Min	-1.464341	-0.019705	-0.167524	0.000987	0.001407	-0.000019
Story2	16	82	TH-LIMA-74-XX	NonDirHist	Max	1.291432	-0.000374	-0.589832	0.003734	0.000225	0.000019
Story2	16	82	TH-LIMA-74-XX	NonDirHist	Min	-0.83648	-0.011877	-0.60193	0.003665	-0.000105	-0.000013
Story2	16	82	TH-LIMA-66-XX	NonDirHist	Max	0.668701	0.001494	-0.585737	0.003733	0.000119	0.000011
Story2	16	82	TH-LIMA-66-XX	NonDirHist	Min	-1.443053	-0.008634	-0.602016	0.003686	-0.0002	-0.000018
Story2	16	82	TH-ICA-2007-XX	NonDirHist	Max	0.946027	0.001801	-0.584865	0.003733	0.000156	0.000013
Story2	16	82	TH-ICA-2007-XX	NonDirHist	Min	-1.464341	-0.009674	-0.601868	0.003684	-0.0002	-0.000019
Story2	32	116	TH-LIMA-74-XX	NonDirHist	Max	1.287307	0.00315	-0.006754	0.000027	0.001626	0.000019
Story2	32	116	TH-LIMA-74-XX	NonDirHist	Min	-0.834031	-0.01065	-0.014998	0.000003	-0.001025	-0.000013
Story2	32	116	TH-LIMA-66-XX	NonDirHist	Max	0.666351	-0.000073	-0.011067	0.000027	0.000878	0.000011
Story2	32	116	TH-LIMA-66-XX	NonDirHist	Min	-1.439279	-0.012731	-0.014966	0.000013	-0.001693	-0.000018
Story2	32	116	TH-ICA-2007-XX	NonDirHist	Max	0.943289	0.000369	-0.009135	0.000027	0.001141	0.000013
Story2	32	116	TH-ICA-2007-XX	NonDirHist	Min	-1.460349	-0.013032	-0.014739	0.000011	-0.001776	-0.000019
Story2	33	118	TH-LIMA-74-XX	NonDirHist	Max	1.27228	0.00315	-0.003587	0.000025	0.001616	0.000019
Story2	33	118	TH-LIMA-74-XX	NonDirHist	Min	-0.825107	-0.01065	-0.008033	0.000005	-0.001019	-0.000013
Story2	33	118	TH-LIMA-66-XX	NonDirHist	Max	0.65779	-0.000073	-0.000214	0.000035	0.00087	0.000011
Story2	33	118	TH-LIMA-66-XX	NonDirHist	Min	-1.42553	-0.012731	-0.008383	0.000007	-0.001683	-0.000018
Story2	33	118	TH-ICA-2007-XX	NonDirHist	Max	0.933313	0.000369	-0.000482	0.000035	0.001133	0.000013
Story2	33	118	TH-ICA-2007-XX	NonDirHist	Min	-1.445803	-0.013032	-0.008093	0.000008	-0.001766	-0.000019
Story2	34	123	TH-LIMA-74-XX	NonDirHist	Max	1.291432	0.00315	-0.589914	0.00374	0.000179	0.000019
Story2	34	123	TH-LIMA-74-XX	NonDirHist	Min	-0.83648	-0.01065	-0.603705	0.003709	-0.000141	-0.000013

Story2	34	123	TH-LIMA-66-XX	NonDirHist	Max	0.668701	-0.000073	-0.585546	0.003741	0.000083	0.000011
Story2	34	123	TH-LIMA-66-XX	NonDirHist	Min	-1.443053	-0.012731	-0.603664	0.003651	-0.000234	-0.000018
Story2	34	123	TH-ICA-2007-XX	NonDirHist	Max	0.946027	0.000369	-0.586573	0.003742	0.000112	0.000013
Story2	34	123	TH-ICA-2007-XX	NonDirHist	Min	-1.464341	-0.013032	-0.60343	0.003653	-0.000244	-0.000019
Story2	35	69	TH-LIMA-74-XX	NonDirHist	Max	1.287065	0.017818	0	0	0	0.000019
Story2	35	69	TH-LIMA-74-XX	NonDirHist	Min	-0.833887	-0.020681	0	0	0	-0.000013
Story2	35	69	TH-LIMA-66-XX	NonDirHist	Max	0.666213	0.008284	0	0	0	0.000011
Story2	35	69	TH-LIMA-66-XX	NonDirHist	Min	-1.439058	-0.026152	0	0	0	-0.000018
Story2	35	69	TH-ICA-2007-XX	NonDirHist	Max	0.943128	0.010174	0	0	0	0.000013
Story2	35	69	TH-ICA-2007-XX	NonDirHist	Min	-1.460114	-0.027257	0	0	0	-0.000019
Story2	36	41	TH-LIMA-74-XX	NonDirHist	Max	1.287549	0.010528	0.017086	0.000277	0.001533	0.000019
Story2	36	41	TH-LIMA-74-XX	NonDirHist	Min	-0.834175	-0.015695	-0.042343	0.000235	-0.00096	-0.000013
Story2	36	41	TH-LIMA-66-XX	NonDirHist	Max	0.666489	0.00413	0.062541	0.000277	0.000812	0.000011
Story2	36	41	TH-LIMA-66-XX	NonDirHist	Min	-1.439501	-0.019481	-0.04062	0.000232	-0.001563	-0.000018
Story2	36	41	TH-ICA-2007-XX	NonDirHist	Max	0.94345	0.005301	0.06349	0.000275	0.001067	0.000013
Story2	36	41	TH-ICA-2007-XX	NonDirHist	Min	-1.460583	-0.020173	-0.040606	0.000239	-0.001632	-0.000019
Story2	40	14	TH-LIMA-74-XX	NonDirHist	Max	1.279794	0.018157	0.001368	0.000026	0.001531	0.000019
Story2	40	14	TH-LIMA-74-XX	NonDirHist	Min	-0.829569	-0.020913	-0.023985	-0.000016	-0.001195	-0.000013
Story2	40	14	TH-LIMA-66-XX	NonDirHist	Max	0.66207	0.008477	0.009059	0.000029	0.000746	0.000011
Story2	40	14	TH-LIMA-66-XX	NonDirHist	Min	-1.432404	-0.026463	-0.017028	-0.000006	-0.001907	-0.000018
Story2	40	14	TH-ICA-2007-XX	NonDirHist	Max	0.938301	0.0104	0.009662	0.000031	0.001008	0.000013
Story2	40	14	TH-ICA-2007-XX	NonDirHist	Min	-1.453076	-0.027589	-0.019617	-0.000007	-0.001984	-0.000019
Story2	41	30	TH-LIMA-74-XX	NonDirHist	Max	1.287307	0.010528	0.01803	0.000018	0.00165	0.000019

Story2	41	30	TH-LIMA-74-XX	NonDirHist	Min	-0.834031	-0.015695	-0.041806	-0.000025	-0.001023	-0.000013
Story2	41	30	TH-LIMA-66-XX	NonDirHist	Max	0.666351	0.00413	0.062865	0.000017	0.000877	0.000011
Story2	41	30	TH-LIMA-66-XX	NonDirHist	Min	-1.439279	-0.019481	-0.039907	-0.000036	-0.001669	-0.000018
Story2	41	30	TH-ICA-2007-XX	NonDirHist	Max	0.943289	0.005301	0.063904	0.000016	0.00115	0.000013
Story2	41	30	TH-ICA-2007-XX	NonDirHist	Min	-1.460349	-0.020173	-0.03998	-0.000029	-0.001742	-0.000019
Story2	42	33	TH-LIMA-74-XX	NonDirHist	Max	1.287307	0.018157	-0.003411	0.000094	0.00107	0.000019
Story2	42	33	TH-LIMA-74-XX	NonDirHist	Min	-0.834031	-0.020913	-0.026377	-0.00007	-0.000731	-0.000013
Story2	42	33	TH-LIMA-66-XX	NonDirHist	Max	0.666351	0.008477	0.005146	0.000124	0.000541	0.000011
Story2	42	33	TH-LIMA-66-XX	NonDirHist	Min	-1.439279	-0.026463	-0.020249	-0.000026	-0.001127	-0.000018
Story2	42	33	TH-ICA-2007-XX	NonDirHist	Max	0.943289	0.0104	0.005253	0.00013	0.000723	0.000013
Story2	42	33	TH-ICA-2007-XX	NonDirHist	Min	-1.460349	-0.027589	-0.023711	-0.000036	-0.001175	-0.000019
Story2	43	65	TH-LIMA-74-XX	NonDirHist	Max	1.27228	0.010528	0.026205	0.000082	0.001631	0.000019
Story2	43	65	TH-LIMA-74-XX	NonDirHist	Min	-0.825107	-0.015695	-0.034591	0.000042	-0.001018	-0.000013
Story2	43	65	TH-LIMA-66-XX	NonDirHist	Max	0.65779	0.00413	0.070588	0.000141	0.000869	0.000011
Story2	43	65	TH-LIMA-66-XX	NonDirHist	Min	-1.42553	-0.019481	-0.033341	0.00004	-0.001661	-0.000018
Story2	43	65	TH-ICA-2007-XX	NonDirHist	Max	0.933313	0.005301	0.071367	0.000137	0.001142	0.000013
Story2	43	65	TH-ICA-2007-XX	NonDirHist	Min	-1.445803	-0.020173	-0.033513	0.000044	-0.001734	-0.000019
Story2	44	68	TH-LIMA-74-XX	NonDirHist	Max	1.27228	0.018157	0.015676	0.000057	0.001114	0.000019
Story2	44	68	TH-LIMA-74-XX	NonDirHist	Min	-0.825107	-0.020913	-0.037329	-0.000002	-0.000733	-0.000013
Story2	44	68	TH-LIMA-66-XX	NonDirHist	Max	0.65779	0.008477	0.028362	0.00004	0.000568	0.000011
Story2	44	68	TH-LIMA-66-XX	NonDirHist	Min	-1.42553	-0.026463	-0.023081	-0.000021	-0.001141	-0.000018
Story2	44	68	TH-ICA-2007-XX	NonDirHist	Max	0.933313	0.0104	0.030012	0.000049	0.000752	0.000013
Story2	44	68	TH-ICA-2007-XX	NonDirHist	Min	-1.445803	-0.027589	-0.027264	-0.000021	-0.00119	-0.000019

Story2	45	85	TH-LIMA-74-XX	NonDirHist	Max	1.291432	0.010528	-0.552316	0.003598	-0.000061	0.000019
Story2	45	85	TH-LIMA-74-XX	NonDirHist	Min	-0.83648	-0.015695	-0.593339	0.003477	-0.000328	-0.000013
Story2	45	85	TH-LIMA-66-XX	NonDirHist	Max	0.668701	0.00413	-0.507135	0.003612	-0.00014	0.000011
Story2	45	85	TH-LIMA-66-XX	NonDirHist	Min	-1.443053	-0.019481	-0.594413	0.003501	-0.000397	-0.000018
Story2	45	85	TH-ICA-2007-XX	NonDirHist	Max	0.946027	0.005301	-0.507604	0.003619	-0.00011	0.000013
Story2	45	85	TH-ICA-2007-XX	NonDirHist	Min	-1.464341	-0.020173	-0.593235	0.003495	-0.000403	-0.000019
Story2	46	88	TH-LIMA-74-XX	NonDirHist	Max	1.291432	0.018157	-0.156178	0.001034	-0.00146	0.000019
Story2	46	88	TH-LIMA-74-XX	NonDirHist	Min	-0.83648	-0.020913	-0.164329	0.000979	-0.001775	-0.000013
Story2	46	88	TH-LIMA-66-XX	NonDirHist	Max	0.668701	0.008477	-0.149395	0.001032	-0.001583	0.000011
Story2	46	88	TH-LIMA-66-XX	NonDirHist	Min	-1.443053	-0.026463	-0.162751	0.000995	-0.001777	-0.000018
Story2	46	88	TH-ICA-2007-XX	NonDirHist	Max	0.946027	0.0104	-0.150184	0.001032	-0.001533	0.000013
Story2	46	88	TH-ICA-2007-XX	NonDirHist	Min	-1.464341	-0.027589	-0.165014	0.00099	-0.001756	-0.000019
Story2	47	142	TH-LIMA-74-XX	NonDirHist	Max	1.287549	0.00315	-0.007568	0.000297	0.00151	0.000019
Story2	47	142	TH-LIMA-74-XX	NonDirHist	Min	-0.834175	-0.01065	-0.016088	0.000273	-0.000953	-0.000013
Story2	47	142	TH-LIMA-66-XX	NonDirHist	Max	0.666489	-0.000073	-0.0121	0.000297	0.000815	0.000011
Story2	47	142	TH-LIMA-66-XX	NonDirHist	Min	-1.439501	-0.012731	-0.016057	0.000285	-0.001574	-0.000018
Story2	47	142	TH-ICA-2007-XX	NonDirHist	Max	0.94345	0.000369	-0.010055	0.000297	0.001059	0.000013
Story2	47	142	TH-ICA-2007-XX	NonDirHist	Min	-1.460583	-0.013032	-0.015814	0.000281	-0.001651	-0.000019
Story2	49	126	TH-LIMA-74-XX	NonDirHist	Max	1.279794	0.00315	-0.007576	0.000012	0.001504	0.000019
Story2	49	126	TH-LIMA-74-XX	NonDirHist	Min	-0.829569	-0.01065	-0.010597	0.000001	-0.000937	-0.000013
Story2	49	126	TH-LIMA-66-XX	NonDirHist	Max	0.66207	-0.000073	-0.007433	0.000014	0.000801	0.000011
Story2	49	126	TH-LIMA-66-XX	NonDirHist	Min	-1.432404	-0.012731	-0.010587	0.000004	-0.001576	-0.000018
Story2	49	126	TH-ICA-2007-XX	NonDirHist	Max	0.938301	0.000369	-0.007543	0.000014	0.001035	0.000013

Story2	49	126	TH-ICA-2007-XX	NonDirHist	Min	-1.453076	-0.013032	-0.01057	0.000003	-0.001645	-0.000019
Story2	61	37	TH-LIMA-74-XX	NonDirHist	Max	1.287549	0.004645	0.052626	0.000279	0.001506	0.000019
Story2	61	37	TH-LIMA-74-XX	NonDirHist	Min	-0.834175	-0.019217	-0.04003	0.000242	-0.000953	-0.000013
Story2	61	37	TH-LIMA-66-XX	NonDirHist	Max	0.666489	0.00815	0.003452	0.000279	0.000816	0.000011
Story2	61	37	TH-LIMA-66-XX	NonDirHist	Min	-1.439501	-0.012815	-0.044435	0.000222	-0.001591	-0.000018
Story2	61	37	TH-ICA-2007-XX	NonDirHist	Max	0.94345	0.008982	0.019918	0.000275	0.001071	0.000013
Story2	61	37	TH-ICA-2007-XX	NonDirHist	Min	-1.460583	-0.01458	-0.037167	0.000219	-0.001656	-0.000019
Story2	62	22	TH-LIMA-74-XX	NonDirHist	Max	1.287307	0.004645	0.053301	0.000016	0.001609	0.000019
Story2	62	22	TH-LIMA-74-XX	NonDirHist	Min	-0.834031	-0.019217	-0.039352	-0.00002	-0.001027	-0.000013
Story2	62	22	TH-LIMA-66-XX	NonDirHist	Max	0.666351	0.00815	0.004426	0.000019	0.00087	0.000011
Story2	62	22	TH-LIMA-66-XX	NonDirHist	Min	-1.439279	-0.012815	-0.043939	-0.000038	-0.001711	-0.000018
Story2	62	22	TH-ICA-2007-XX	NonDirHist	Max	0.943289	0.008982	0.020745	0.000015	0.001142	0.000013
Story2	62	22	TH-ICA-2007-XX	NonDirHist	Min	-1.460349	-0.01458	-0.036816	-0.000043	-0.001781	-0.000019
Story2	63	54	TH-LIMA-74-XX	NonDirHist	Max	1.27228	0.004645	0.068649	0.000115	0.001608	0.000019
Story2	63	54	TH-LIMA-74-XX	NonDirHist	Min	-0.825107	-0.019217	-0.035427	0.000045	-0.001025	-0.000013
Story2	63	54	TH-LIMA-66-XX	NonDirHist	Max	0.65779	0.00815	0.013086	0.00007	0.000868	0.000011
Story2	63	54	TH-LIMA-66-XX	NonDirHist	Min	-1.42553	-0.012815	-0.042653	0.000045	-0.001716	-0.000018
Story2	63	54	TH-ICA-2007-XX	NonDirHist	Max	0.933313	0.008982	0.032129	0.000086	0.00114	0.000013
Story2	63	54	TH-ICA-2007-XX	NonDirHist	Min	-1.445803	-0.01458	-0.033324	0.000046	-0.001789	-0.000019
Story2	64	79	TH-LIMA-74-XX	NonDirHist	Max	1.291432	0.004645	-0.520032	0.003624	0.000355	0.000019
Story2	64	79	TH-LIMA-74-XX	NonDirHist	Min	-0.83648	-0.019217	-0.594397	0.003504	0.000091	-0.000013
Story2	64	79	TH-LIMA-66-XX	NonDirHist	Max	0.668701	0.00815	-0.563622	0.003583	0.000277	0.000011
Story2	64	79	TH-LIMA-66-XX	NonDirHist	Min	-1.443053	-0.012815	-0.594849	0.003475	0.00002	-0.000018

Story2	64	79	TH-ICA-2007-XX	NonDirHist	Max	0.946027	0.008982	-0.548317	0.003595	0.000309	0.000013
Story2	64	79	TH-ICA-2007-XX	NonDirHist	Min	-1.464341	-0.01458	-0.591967	0.003476	0.000015	-0.000019
Story2	65	144	TH-LIMA-74-XX	NonDirHist	Max	1.287549	-0.00431	0.004203	0.00028	0.001436	0.000019
Story2	65	144	TH-LIMA-74-XX	NonDirHist	Min	-0.834175	-0.005512	-0.021604	0.00025	-0.000911	-0.000013
Story2	65	144	TH-LIMA-66-XX	NonDirHist	Max	0.666489	-0.004353	0.013952	0.00028	0.000775	0.000011
Story2	65	144	TH-LIMA-66-XX	NonDirHist	Min	-1.439501	-0.005856	-0.021562	0.000227	-0.001493	-0.000018
Story2	65	144	TH-ICA-2007-XX	NonDirHist	Max	0.94345	-0.004304	0.013818	0.00028	0.001019	0.000013
Story2	65	144	TH-ICA-2007-XX	NonDirHist	Min	-1.460583	-0.005759	-0.021232	0.000233	-0.001564	-0.000019
Story2	66	131	TH-LIMA-74-XX	NonDirHist	Max	1.287307	-0.00431	0.004705	0.000012	0.001552	0.000019
Story2	66	131	TH-LIMA-74-XX	NonDirHist	Min	-0.834031	-0.005512	-0.020684	-0.000023	-0.000985	-0.000013
Story2	66	131	TH-LIMA-66-XX	NonDirHist	Max	0.666351	-0.004353	0.014153	0.000012	0.000838	0.000011
Story2	66	131	TH-LIMA-66-XX	NonDirHist	Min	-1.439279	-0.005856	-0.020642	-0.000047	-0.001613	-0.000018
Story2	66	131	TH-ICA-2007-XX	NonDirHist	Max	0.943289	-0.004304	0.01409	0.000011	0.001101	0.000013
Story2	66	131	TH-ICA-2007-XX	NonDirHist	Min	-1.460349	-0.005759	-0.020315	-0.000042	-0.001691	-0.000019
Story2	67	133	TH-LIMA-74-XX	NonDirHist	Max	1.27228	-0.00431	0.011809	0.000087	0.001545	0.000019
Story2	67	133	TH-LIMA-74-XX	NonDirHist	Min	-0.825107	-0.005512	-0.014211	0.000052	-0.00098	-0.000013
Story2	67	133	TH-LIMA-66-XX	NonDirHist	Max	0.65779	-0.004353	0.021261	0.00012	0.000833	0.000011
Story2	67	133	TH-LIMA-66-XX	NonDirHist	Min	-1.42553	-0.005856	-0.014195	0.000051	-0.001607	-0.000018
Story2	67	133	TH-ICA-2007-XX	NonDirHist	Max	0.933313	-0.004304	0.021918	0.000113	0.001093	0.000013
Story2	67	133	TH-ICA-2007-XX	NonDirHist	Min	-1.445803	-0.005759	-0.014148	0.000051	-0.001686	-0.000019
Story2	68	138	TH-LIMA-74-XX	NonDirHist	Max	1.291432	-0.00431	-0.58125	0.003742	0.000095	0.000019
Story2	68	138	TH-LIMA-74-XX	NonDirHist	Min	-0.83648	-0.005512	-0.606822	0.003727	-0.000074	-0.000013
Story2	68	138	TH-LIMA-66-XX	NonDirHist	Max	0.668701	-0.004353	-0.569792	0.003734	0.000049	0.000011

Story2	68	138	TH-LIMA-66-XX	NonDirHist	Min	-1.443053	-0.005856	-0.606813	0.003727	-0.000116	-0.000018
Story2	68	138	TH-ICA-2007-XX	NonDirHist	Max	0.946027	-0.004304	-0.570941	0.003743	0.00007	0.000013
Story2	68	138	TH-ICA-2007-XX	NonDirHist	Min	-1.464341	-0.005759	-0.606496	0.003727	-0.00012	-0.000019
Story2	3	43	TH-LIMA-74-XX	NonDirHist	Max	1.271892	0.009878	0.027458	0.000128	0.000534	0.00003
Story2	3	43	TH-LIMA-74-XX	NonDirHist	Min	-0.82487	-0.026855	-0.02124	-0.000114	-0.000425	-0.000019
Story2	3	43	TH-LIMA-66-XX	NonDirHist	Max	0.657568	0.015089	0.010376	0.00019	0.000416	0.000017
Story2	3	43	TH-LIMA-66-XX	NonDirHist	Min	-1.42516	-0.017168	-0.028466	-0.000036	-0.000512	-0.000029
Story2	3	43	TH-ICA-2007-XX	NonDirHist	Max	0.933047	0.016469	0.015735	0.000193	0.000459	0.000021
Story2	3	43	TH-ICA-2007-XX	NonDirHist	Min	-1.445418	-0.019687	-0.029675	-0.000066	-0.000555	-0.00003
Story2	5	49	TH-LIMA-74-XX	NonDirHist	Max	1.27982	0.018148	0.001341	0.000026	0.001531	0.00002
Story2	5	49	TH-LIMA-74-XX	NonDirHist	Min	-0.829585	-0.020907	-0.023964	-0.000016	-0.001195	-0.000013
Story2	5	49	TH-LIMA-66-XX	NonDirHist	Max	0.662085	0.008472	0.009023	0.000029	0.000746	0.000011
Story2	5	49	TH-LIMA-66-XX	NonDirHist	Min	-1.432429	-0.026451	-0.017021	-0.000006	-0.001907	-0.000018
Story2	5	49	TH-ICA-2007-XX	NonDirHist	Max	0.938318	0.010393	0.009622	0.000031	0.001008	0.000013
Story2	5	49	TH-ICA-2007-XX	NonDirHist	Min	-1.453102	-0.027579	-0.019609	-0.000007	-0.001984	-0.000019
Story2	9	169	TH-LIMA-74-XX	NonDirHist	Max	1.280649	-0.004327	0	0	0	0.000019
Story2	9	169	TH-LIMA-74-XX	NonDirHist	Min	-0.830077	-0.005494	0	0	0	-0.000013
Story2	9	169	TH-LIMA-66-XX	NonDirHist	Max	0.662558	-0.004368	0	0	0	0.000011
Story2	9	169	TH-LIMA-66-XX	NonDirHist	Min	-1.433187	-0.005833	0	0	0	-0.000018
Story2	9	169	TH-ICA-2007-XX	NonDirHist	Max	0.938868	-0.004318	0	0	0	0.000013
Story2	9	169	TH-ICA-2007-XX	NonDirHist	Min	-1.453904	-0.005735	0	0	0	-0.000019
Story1	37	3	TH-LIMA-74-XX	NonDirHist	Max	0.574983	0.000567	-0.006193	0.000303	0.001723	0.000009
Story1	37	3	TH-LIMA-74-XX	NonDirHist	Min	-0.384876	-0.004698	-0.009943	0.000281	-0.001113	-0.000006

Story1	37	3	TH-LIMA-66-XX	NonDirHist	Max	0.291001	0.00165	-0.005236	0.000295	0.000884	0.000005
Story1	37	3	TH-LIMA-66-XX	NonDirHist	Min	-0.669028	-0.003315	-0.010338	0.000278	-0.001968	-0.000009
Story1	37	3	TH-ICA-2007-XX	NonDirHist	Max	0.438485	0.001782	-0.004927	0.000298	0.001265	0.000006
Story1	37	3	TH-ICA-2007-XX	NonDirHist	Min	-0.668098	-0.00389	-0.009991	0.000278	-0.001988	-0.000009
Story1	1	4	TH-LIMA-74-XX	NonDirHist	Max	0.571503	0.005093	0.004036	0.000029	0.002443	0.000009
Story1	1	4	TH-LIMA-74-XX	NonDirHist	Min	-0.382601	-0.01143	-0.010167	-0.00001	-0.001257	-0.000006
Story1	1	4	TH-LIMA-66-XX	NonDirHist	Max	0.288978	0.008486	-0.000824	0.000017	0.001369	0.000005
Story1	1	4	TH-LIMA-66-XX	NonDirHist	Min	-0.665486	-0.00723	-0.012762	-0.000016	-0.002361	-0.000009
Story1	1	4	TH-ICA-2007-XX	NonDirHist	Max	0.435998	0.008771	0.000946	0.000021	0.001883	0.000006
Story1	1	4	TH-ICA-2007-XX	NonDirHist	Min	-0.664505	-0.008747	-0.012996	-0.000017	-0.002384	-0.000009
Story1	2	10	TH-LIMA-74-XX	NonDirHist	Max	0.571503	0.000567	-0.005029	0.000008	0.001975	0.000009
Story1	2	10	TH-LIMA-74-XX	NonDirHist	Min	-0.382601	-0.004698	-0.006492	0.000002	-0.001285	-0.000006
Story1	2	10	TH-LIMA-66-XX	NonDirHist	Max	0.288978	0.00165	-0.003991	0.000006	0.001011	0.000005
Story1	2	10	TH-LIMA-66-XX	NonDirHist	Min	-0.665486	-0.003315	-0.006507	0.000001	-0.002241	-0.000009
Story1	2	10	TH-ICA-2007-XX	NonDirHist	Max	0.435998	0.001782	-0.003895	0.000006	0.001476	0.000006
Story1	2	10	TH-ICA-2007-XX	NonDirHist	Min	-0.664505	-0.00389	-0.006507	0.000001	-0.00225	-0.000009
Story1	4	23	TH-LIMA-74-XX	NonDirHist	Max	0.574874	0.005093	0.000935	0.000169	0.001306	0.000009
Story1	4	23	TH-LIMA-74-XX	NonDirHist	Min	-0.384805	-0.01143	-0.013765	-0.000057	-0.000809	-0.000006
Story1	4	23	TH-LIMA-66-XX	NonDirHist	Max	0.290938	0.008486	-0.00373	0.000101	0.000717	0.000005
Story1	4	23	TH-LIMA-66-XX	NonDirHist	Min	-0.668917	-0.00723	-0.018144	-0.000115	-0.001445	-0.000009
Story1	4	23	TH-ICA-2007-XX	NonDirHist	Max	0.438408	0.008771	-0.001212	0.000131	0.00101	0.000006
Story1	4	23	TH-ICA-2007-XX	NonDirHist	Min	-0.667986	-0.008747	-0.018002	-0.000116	-0.001462	-0.000009
Story1	10	28	TH-LIMA-74-XX	NonDirHist	Max	0.574874	0.000567	-0.005275	0.000034	0.001853	0.000009

Story1	10	28	TH-LIMA-74-XX	NonDirHist	Min	-0.384805	-0.004698	-0.008879	0.00001	-0.0012	-0.000006
Story1	10	28	TH-LIMA-66-XX	NonDirHist	Max	0.290938	0.00165	-0.004341	0.000025	0.000951	0.000005
Story1	10	28	TH-LIMA-66-XX	NonDirHist	Min	-0.668917	-0.003315	-0.009249	0.000008	-0.002119	-0.000009
Story1	10	28	TH-ICA-2007-XX	NonDirHist	Max	0.438408	0.001782	-0.004036	0.000028	0.001361	0.000006
Story1	10	28	TH-ICA-2007-XX	NonDirHist	Min	-0.667986	-0.00389	-0.008949	0.000008	-0.002141	-0.000009
Story1	7	64	TH-LIMA-74-XX	NonDirHist	Max	0.568133	0.000567	-0.001798	0.000021	0.001842	0.000009
Story1	7	64	TH-LIMA-74-XX	NonDirHist	Min	-0.380397	-0.004698	-0.004782	0.000002	-0.001193	-0.000006
Story1	7	64	TH-LIMA-66-XX	NonDirHist	Max	0.287018	0.00165	-0.002561	0.000019	0.000942	0.000005
Story1	7	64	TH-LIMA-66-XX	NonDirHist	Min	-0.662054	-0.003315	-0.004773	-0.000004	-0.002116	-0.000009
Story1	7	64	TH-ICA-2007-XX	NonDirHist	Max	0.433616	0.001782	-0.00201	0.00002	0.001353	0.000006
Story1	7	64	TH-ICA-2007-XX	NonDirHist	Min	-0.661025	-0.00389	-0.004676	-0.000004	-0.002138	-0.000009
Story1	21	57	TH-LIMA-74-XX	NonDirHist	Max	0.568133	0.005093	0.019253	0.00012	0.000597	0.000009
Story1	21	57	TH-LIMA-74-XX	NonDirHist	Min	-0.380397	-0.01143	-0.016465	-0.000111	-0.000386	-0.000006
Story1	21	57	TH-LIMA-66-XX	NonDirHist	Max	0.287018	0.008486	0.007795	0.000188	0.000453	0.000005
Story1	21	57	TH-LIMA-66-XX	NonDirHist	Min	-0.662054	-0.00723	-0.023613	-0.00004	-0.0006	-0.000009
Story1	21	57	TH-ICA-2007-XX	NonDirHist	Max	0.433616	0.008771	0.012109	0.000187	0.00053	0.000006
Story1	21	57	TH-ICA-2007-XX	NonDirHist	Min	-0.661025	-0.008747	-0.02451	-0.000081	-0.000648	-0.000009
Story1	14	74	TH-LIMA-74-XX	NonDirHist	Max	0.576725	0.005093	-0.150874	0.001084	0.001891	0.000009
Story1	14	74	TH-LIMA-74-XX	NonDirHist	Min	-0.386015	-0.01143	-0.164709	0.000977	0.001499	-0.000006
Story1	14	74	TH-LIMA-66-XX	NonDirHist	Max	0.292014	0.008486	-0.148613	0.001049	0.001804	0.000005
Story1	14	74	TH-LIMA-66-XX	NonDirHist	Min	-0.670801	-0.00723	-0.160578	0.000956	0.001352	-0.000009
Story1	14	74	TH-ICA-2007-XX	NonDirHist	Max	0.439731	0.008771	-0.148391	0.001063	0.001858	0.000006
Story1	14	74	TH-ICA-2007-XX	NonDirHist	Min	-0.669896	-0.008747	-0.162021	0.000955	0.001343	-0.000009

Story1	16	80	TH-LIMA-74-XX	NonDirHist	Max	0.576725	0.000567	-0.590486	0.003729	0.000237	0.000009
Story1	16	80	TH-LIMA-74-XX	NonDirHist	Min	-0.386015	-0.004698	-0.595949	0.003717	-0.000114	-0.000006
Story1	16	80	TH-LIMA-66-XX	NonDirHist	Max	0.292014	0.00165	-0.589469	0.003724	0.000121	0.000005
Story1	16	80	TH-LIMA-66-XX	NonDirHist	Min	-0.670801	-0.003315	-0.595992	0.003719	-0.000213	-0.000009
Story1	16	80	TH-ICA-2007-XX	NonDirHist	Max	0.439731	0.001782	-0.588991	0.003726	0.000168	0.000006
Story1	16	80	TH-ICA-2007-XX	NonDirHist	Min	-0.669896	-0.00389	-0.595639	0.00372	-0.000211	-0.000009
Story1	32	117	TH-LIMA-74-XX	NonDirHist	Max	0.574874	0.002044	-0.004325	0.00003	0.001849	0.000009
Story1	32	117	TH-LIMA-74-XX	NonDirHist	Min	-0.384805	-0.004049	-0.00907	0.000007	-0.001202	-0.000006
Story1	32	117	TH-LIMA-66-XX	NonDirHist	Max	0.290938	0.000606	-0.006639	0.000036	0.000951	0.000005
Story1	32	117	TH-LIMA-66-XX	NonDirHist	Min	-0.668917	-0.005231	-0.009052	0.000009	-0.002122	-0.000009
Story1	32	117	TH-ICA-2007-XX	NonDirHist	Max	0.438408	0.000972	-0.005009	0.000036	0.001361	0.000006
Story1	32	117	TH-ICA-2007-XX	NonDirHist	Min	-0.667986	-0.005291	-0.008908	0.000009	-0.002145	-0.000009
Story1	33	120	TH-LIMA-74-XX	NonDirHist	Max	0.568133	0.002044	-0.001955	0.00002	0.001842	0.000009
Story1	33	120	TH-LIMA-74-XX	NonDirHist	Min	-0.380397	-0.004049	-0.004784	-0.000005	-0.001194	-0.000006
Story1	33	120	TH-LIMA-66-XX	NonDirHist	Max	0.287018	0.000606	-0.001317	0.000023	0.000943	0.000005
Story1	33	120	TH-LIMA-66-XX	NonDirHist	Min	-0.662054	-0.005231	-0.004947	0.000003	-0.002119	-0.000009
Story1	33	120	TH-ICA-2007-XX	NonDirHist	Max	0.433616	0.000972	-0.001215	0.000023	0.001352	0.000006
Story1	33	120	TH-ICA-2007-XX	NonDirHist	Min	-0.661025	-0.005291	-0.004839	0.000001	-0.002141	-0.000009
Story1	34	121	TH-LIMA-74-XX	NonDirHist	Max	0.576725	0.002044	-0.590809	0.003737	0.000175	0.000009
Story1	34	121	TH-LIMA-74-XX	NonDirHist	Min	-0.386015	-0.004049	-0.597139	0.003728	-0.000152	-0.000006
Story1	34	121	TH-LIMA-66-XX	NonDirHist	Max	0.292014	0.000606	-0.59322	0.003736	0.000083	0.000005
Story1	34	121	TH-LIMA-66-XX	NonDirHist	Min	-0.670801	-0.005231	-0.597244	0.003727	-0.000273	-0.000009
Story1	34	121	TH-ICA-2007-XX	NonDirHist	Max	0.439731	0.000972	-0.591311	0.003736	0.000127	0.000006

Story1	34	121	TH-ICA-2007-XX	NonDirHist	Min	-0.669896	-0.005291	-0.596875	0.003728	-0.000276	-0.000009
Story1	35	71	TH-LIMA-74-XX	NonDirHist	Max	0.574765	0.008625	0	0	0	0.000009
Story1	35	71	TH-LIMA-74-XX	NonDirHist	Min	-0.384734	-0.008513	0	0	0	-0.000006
Story1	35	71	TH-LIMA-66-XX	NonDirHist	Max	0.290875	0.004433	0	0	0	0.000005
Story1	35	71	TH-LIMA-66-XX	NonDirHist	Min	-0.668807	-0.011931	0	0	0	-0.000009
Story1	35	71	TH-ICA-2007-XX	NonDirHist	Max	0.43833	0.005718	0	0	0	0.000006
Story1	35	71	TH-ICA-2007-XX	NonDirHist	Min	-0.667874	-0.012086	0	0	0	-0.000009
Story1	36	40	TH-LIMA-74-XX	NonDirHist	Max	0.574983	0.005354	0.016431	0.000344	0.001608	0.000009
Story1	36	40	TH-LIMA-74-XX	NonDirHist	Min	-0.384876	-0.006294	-0.022481	0.000254	-0.001053	-0.000006
Story1	36	40	TH-LIMA-66-XX	NonDirHist	Max	0.291001	0.002531	0.048781	0.000405	0.000835	0.000005
Story1	36	40	TH-LIMA-66-XX	NonDirHist	Min	-0.669028	-0.008601	-0.025676	0.000246	-0.001801	-0.000009
Story1	36	40	TH-ICA-2007-XX	NonDirHist	Max	0.438485	0.003359	0.048842	0.000409	0.001187	0.000006
Story1	36	40	TH-ICA-2007-XX	NonDirHist	Min	-0.668098	-0.008709	-0.022908	0.000251	-0.001819	-0.000009
Story1	40	16	TH-LIMA-74-XX	NonDirHist	Max	0.571503	0.008777	0.000369	0.000018	0.001926	0.000009
Story1	40	16	TH-LIMA-74-XX	NonDirHist	Min	-0.382601	-0.008617	-0.01371	-0.000013	-0.00163	-0.000006
Story1	40	16	TH-LIMA-66-XX	NonDirHist	Max	0.288978	0.004521	0.004688	0.000022	0.000864	0.000005
Story1	40	16	TH-LIMA-66-XX	NonDirHist	Min	-0.665486	-0.012086	-0.009877	-0.000005	-0.002639	-0.000009
Story1	40	16	TH-ICA-2007-XX	NonDirHist	Max	0.435998	0.005828	0.005035	0.000023	0.001366	0.000006
Story1	40	16	TH-ICA-2007-XX	NonDirHist	Min	-0.664505	-0.012243	-0.011295	-0.000006	-0.002658	-0.000009
Story1	41	31	TH-LIMA-74-XX	NonDirHist	Max	0.574874	0.005354	0.018228	0.000083	0.001735	0.000009
Story1	41	31	TH-LIMA-74-XX	NonDirHist	Min	-0.384805	-0.006294	-0.021382	-0.000005	-0.001125	-0.000006
Story1	41	31	TH-LIMA-66-XX	NonDirHist	Max	0.290938	0.002531	0.051326	0.000143	0.000903	0.000005
Story1	41	31	TH-LIMA-66-XX	NonDirHist	Min	-0.668917	-0.008601	-0.025087	-0.000013	-0.001928	-0.000009

Story1	41	31	TH-ICA-2007-XX	NonDirHist	Max	0.438408	0.003359	0.051442	0.000147	0.001282	0.000006
Story1	41	31	TH-ICA-2007-XX	NonDirHist	Min	-0.667986	-0.008709	-0.021943	-0.000008	-0.001948	-0.000009
Story1	42	34	TH-LIMA-74-XX	NonDirHist	Max	0.574874	0.008777	-0.002029	0.00012	0.001252	0.000009
Story1	42	34	TH-LIMA-74-XX	NonDirHist	Min	-0.384805	-0.008617	-0.016249	-0.000105	-0.00089	-0.000006
Story1	42	34	TH-LIMA-66-XX	NonDirHist	Max	0.290938	0.004521	0.003101	0.000185	0.000606	0.000005
Story1	42	34	TH-LIMA-66-XX	NonDirHist	Min	-0.668917	-0.012086	-0.012222	-0.000044	-0.001431	-0.000009
Story1	42	34	TH-ICA-2007-XX	NonDirHist	Max	0.438408	0.005828	0.0031	0.000187	0.000917	0.000006
Story1	42	34	TH-ICA-2007-XX	NonDirHist	Min	-0.667986	-0.012243	-0.014588	-0.00007	-0.001446	-0.000009
Story1	43	67	TH-LIMA-74-XX	NonDirHist	Max	0.568133	0.005354	0.023883	0.000068	0.001725	0.000009
Story1	43	67	TH-LIMA-74-XX	NonDirHist	Min	-0.380397	-0.006294	-0.017104	-0.000034	-0.001119	-0.000006
Story1	43	67	TH-LIMA-66-XX	NonDirHist	Max	0.287018	0.002531	0.056677	0.000068	0.000895	0.000005
Story1	43	67	TH-LIMA-66-XX	NonDirHist	Min	-0.662054	-0.008601	-0.020802	-0.00003	-0.001928	-0.000009
Story1	43	67	TH-ICA-2007-XX	NonDirHist	Max	0.433616	0.003359	0.056613	0.000067	0.001273	0.000006
Story1	43	67	TH-ICA-2007-XX	NonDirHist	Min	-0.661025	-0.008709	-0.017818	-0.000032	-0.001947	-0.000009
Story1	44	73	TH-LIMA-74-XX	NonDirHist	Max	0.568133	0.008777	0.010273	0.000091	0.001304	0.000009
Story1	44	73	TH-LIMA-74-XX	NonDirHist	Min	-0.380397	-0.008617	-0.024393	-0.00003	-0.000896	-0.000006
Story1	44	73	TH-LIMA-66-XX	NonDirHist	Max	0.287018	0.004521	0.019223	0.000056	0.000637	0.000005
Story1	44	73	TH-LIMA-66-XX	NonDirHist	Min	-0.662054	-0.012086	-0.014894	-0.000071	-0.001441	-0.000009
Story1	44	73	TH-ICA-2007-XX	NonDirHist	Max	0.433616	0.005828	0.020064	0.000077	0.000955	0.000006
Story1	44	73	TH-ICA-2007-XX	NonDirHist	Min	-0.661025	-0.012243	-0.017979	-0.000071	-0.001456	-0.000009
Story1	45	83	TH-LIMA-74-XX	NonDirHist	Max	0.576725	0.005354	-0.563101	0.003643	-0.000093	0.000009
Story1	45	83	TH-LIMA-74-XX	NonDirHist	Min	-0.386015	-0.006294	-0.581336	0.003515	-0.000311	-0.000006
Story1	45	83	TH-LIMA-66-XX	NonDirHist	Max	0.292014	0.002531	-0.546929	0.00373	-0.000153	0.000005

Story1	45	83	TH-LIMA-66-XX	NonDirHist	Min	-0.670801	-0.008601	-0.578988	0.0035	-0.000377	-0.000009
Story1	45	83	TH-ICA-2007-XX	NonDirHist	Max	0.439731	0.003359	-0.547587	0.003733	-0.000127	0.000006
Story1	45	83	TH-ICA-2007-XX	NonDirHist	Min	-0.669896	-0.008709	-0.580373	0.003514	-0.000379	-0.000009
Story1	46	86	TH-LIMA-74-XX	NonDirHist	Max	0.576725	0.008777	-0.147323	0.001056	-0.001401	0.000009
Story1	46	86	TH-LIMA-74-XX	NonDirHist	Min	-0.386015	-0.008617	-0.161889	0.000953	-0.001834	-0.000006
Story1	46	86	TH-LIMA-66-XX	NonDirHist	Max	0.292014	0.004521	-0.150451	0.001088	-0.00155	0.000005
Story1	46	86	TH-LIMA-66-XX	NonDirHist	Min	-0.670801	-0.012086	-0.163991	0.000978	-0.001895	-0.000009
Story1	46	86	TH-ICA-2007-XX	NonDirHist	Max	0.439731	0.005828	-0.149776	0.001089	-0.001476	0.000006
Story1	46	86	TH-ICA-2007-XX	NonDirHist	Min	-0.669896	-0.012243	-0.164512	0.000969	-0.001899	-0.000009
Story1	47	141	TH-LIMA-74-XX	NonDirHist	Max	0.574983	0.002044	-0.005193	0.0003	0.001716	0.000009
Story1	47	141	TH-LIMA-74-XX	NonDirHist	Min	-0.384876	-0.004049	-0.010135	0.000277	-0.001117	-0.000006
Story1	47	141	TH-LIMA-66-XX	NonDirHist	Max	0.291001	0.000606	-0.007539	0.000306	0.000883	0.000005
Story1	47	141	TH-LIMA-66-XX	NonDirHist	Min	-0.669028	-0.005231	-0.01012	0.00028	-0.001974	-0.000009
Story1	47	141	TH-ICA-2007-XX	NonDirHist	Max	0.438485	0.000972	-0.005929	0.000306	0.001263	0.000006
Story1	47	141	TH-ICA-2007-XX	NonDirHist	Min	-0.668098	-0.005291	-0.00996	0.000279	-0.001995	-0.000009
Story1	49	128	TH-LIMA-74-XX	NonDirHist	Max	0.571503	0.002044	-0.004659	0.000007	0.001961	0.000009
Story1	49	128	TH-LIMA-74-XX	NonDirHist	Min	-0.382601	-0.004049	-0.00647	-2.086E-07	-0.001297	-0.000006
Story1	49	128	TH-LIMA-66-XX	NonDirHist	Max	0.288978	0.000606	-0.004374	0.000008	0.001	0.000005
Story1	49	128	TH-LIMA-66-XX	NonDirHist	Min	-0.665486	-0.005231	-0.006467	0.000002	-0.00225	-0.000009
Story1	49	128	TH-ICA-2007-XX	NonDirHist	Max	0.435998	0.000972	-0.004514	0.000008	0.001461	0.000006
Story1	49	128	TH-ICA-2007-XX	NonDirHist	Min	-0.664505	-0.005291	-0.006457	0.000001	-0.002263	-0.000009
Story1	61	36	TH-LIMA-74-XX	NonDirHist	Max	0.574983	0.002759	0.04058	0.000399	0.00158	0.000009
Story1	61	36	TH-LIMA-74-XX	NonDirHist	Min	-0.384876	-0.00799	-0.024069	0.000247	-0.00105	-0.000006

Story1	61	36	TH-LIMA-66-XX	NonDirHist	Max	0.291001	0.004984	0.003665	0.000313	0.000836	0.000005
Story1	61	36	TH-LIMA-66-XX	NonDirHist	Min	-0.669028	-0.005229	-0.023726	0.000249	-0.001828	-0.000009
Story1	61	36	TH-ICA-2007-XX	NonDirHist	Max	0.438485	0.0052	0.020044	0.000354	0.001187	0.000006
Story1	61	36	TH-ICA-2007-XX	NonDirHist	Min	-0.668098	-0.006265	-0.022617	0.000251	-0.001847	-0.000009
Story1	62	25	TH-LIMA-74-XX	NonDirHist	Max	0.574874	0.002759	0.043061	0.000138	0.001692	0.000009
Story1	62	25	TH-LIMA-74-XX	NonDirHist	Min	-0.384805	-0.00799	-0.023444	-0.000012	-0.001133	-0.000006
Story1	62	25	TH-LIMA-66-XX	NonDirHist	Max	0.290938	0.004984	0.004842	0.000053	0.000893	0.000005
Story1	62	25	TH-LIMA-66-XX	NonDirHist	Min	-0.668917	-0.005229	-0.022848	-0.00001	-0.001969	-0.000009
Story1	62	25	TH-ICA-2007-XX	NonDirHist	Max	0.438408	0.0052	0.021962	0.000093	0.00127	0.000006
Story1	62	25	TH-ICA-2007-XX	NonDirHist	Min	-0.667986	-0.006265	-0.021972	-0.000009	-0.00199	-0.000009
Story1	63	58	TH-LIMA-74-XX	NonDirHist	Max	0.568133	0.002759	0.054726	0.000066	0.001703	0.000009
Story1	63	58	TH-LIMA-74-XX	NonDirHist	Min	-0.380397	-0.00799	-0.020339	-0.00003	-0.001136	-0.000006
Story1	63	58	TH-LIMA-66-XX	NonDirHist	Max	0.287018	0.004984	0.010427	0.000066	0.000892	0.000005
Story1	63	58	TH-LIMA-66-XX	NonDirHist	Min	-0.662054	-0.005229	-0.021575	-0.000033	-0.001985	-0.000009
Story1	63	58	TH-ICA-2007-XX	NonDirHist	Max	0.433616	0.0052	0.029335	0.000066	0.001273	0.000006
Story1	63	58	TH-ICA-2007-XX	NonDirHist	Min	-0.661025	-0.006265	-0.018567	-0.000051	-0.002006	-0.000009
Story1	64	77	TH-LIMA-74-XX	NonDirHist	Max	0.576725	0.002759	-0.553227	0.003719	0.000321	0.000009
Story1	64	77	TH-LIMA-74-XX	NonDirHist	Min	-0.386015	-0.00799	-0.580767	0.003509	0.000106	-0.000006
Story1	64	77	TH-LIMA-66-XX	NonDirHist	Max	0.292014	0.004984	-0.565938	0.003595	0.000261	0.000005
Story1	64	77	TH-LIMA-66-XX	NonDirHist	Min	-0.670801	-0.005229	-0.583312	0.003513	0.000044	-0.000009
Story1	64	77	TH-ICA-2007-XX	NonDirHist	Max	0.439731	0.0052	-0.56159	0.003653	0.000289	0.000006
Story1	64	77	TH-ICA-2007-XX	NonDirHist	Min	-0.669896	-0.006265	-0.581458	0.003514	0.000043	-0.000009
Story1	65	143	TH-LIMA-74-XX	NonDirHist	Max	0.574983	-0.001327	0.00606	0.000376	0.001509	0.000009

Story1	65	143	TH-LIMA-74-XX	NonDirHist	Min	-0.384876	-0.001762	-0.014065	0.000269	-0.000999	-0.000006
Story1	65	143	TH-LIMA-66-XX	NonDirHist	Max	0.291001	-0.001354	0.013962	0.000401	0.000793	0.000005
Story1	65	143	TH-LIMA-66-XX	NonDirHist	Min	-0.669028	-0.0018	-0.014022	0.000269	-0.001736	-0.000009
Story1	65	143	TH-ICA-2007-XX	NonDirHist	Max	0.438485	-0.00124	0.013487	0.000403	0.001127	0.000006
Story1	65	143	TH-ICA-2007-XX	NonDirHist	Min	-0.668098	-0.001811	-0.013685	0.00027	-0.001755	-0.000009
Story1	66	132	TH-LIMA-74-XX	NonDirHist	Max	0.574874	-0.001327	0.008169	0.000107	0.001634	0.000009
Story1	66	132	TH-LIMA-74-XX	NonDirHist	Min	-0.384805	-0.001762	-0.013284	4.118E-07	-0.001081	-0.000006
Story1	66	132	TH-LIMA-66-XX	NonDirHist	Max	0.290938	-0.001354	0.016387	0.000132	0.000859	0.000005
Story1	66	132	TH-LIMA-66-XX	NonDirHist	Min	-0.668917	-0.0018	-0.013238	0.000001	-0.001878	-0.000009
Story1	66	132	TH-ICA-2007-XX	NonDirHist	Max	0.438408	-0.00124	0.015937	0.000134	0.00122	0.000006
Story1	66	132	TH-ICA-2007-XX	NonDirHist	Min	-0.667986	-0.001811	-0.012883	0.000002	-0.001898	-0.000009
Story1	67	135	TH-LIMA-74-XX	NonDirHist	Max	0.568133	-0.001327	0.01338	0.000061	0.00163	0.000009
Story1	67	135	TH-LIMA-74-XX	NonDirHist	Min	-0.380397	-0.001762	-0.009121	-0.000046	-0.001074	-0.000006
Story1	67	135	TH-LIMA-66-XX	NonDirHist	Max	0.287018	-0.001354	0.021122	0.00006	0.000853	0.000005
Story1	67	135	TH-LIMA-66-XX	NonDirHist	Min	-0.662054	-0.0018	-0.009105	-0.000064	-0.00188	-0.000009
Story1	67	135	TH-ICA-2007-XX	NonDirHist	Max	0.433616	-0.00124	0.021651	0.00006	0.001215	0.000006
Story1	67	135	TH-ICA-2007-XX	NonDirHist	Min	-0.661025	-0.001811	-0.009031	-0.000069	-0.001902	-0.000009
Story1	68	136	TH-LIMA-74-XX	NonDirHist	Max	0.576725	-0.001327	-0.592075	0.003823	0.00009	0.000009
Story1	68	136	TH-LIMA-74-XX	NonDirHist	Min	-0.386015	-0.001762	-0.598736	0.003722	-0.000074	-0.000006
Story1	68	136	TH-LIMA-66-XX	NonDirHist	Max	0.292014	-0.001354	-0.596525	0.003851	0.000047	0.000005
Story1	68	136	TH-LIMA-66-XX	NonDirHist	Min	-0.670801	-0.0018	-0.59796	0.003722	-0.000121	-0.000009
Story1	68	136	TH-ICA-2007-XX	NonDirHist	Max	0.439731	-0.00124	-0.594871	0.003852	0.00007	0.000006
Story1	68	136	TH-ICA-2007-XX	NonDirHist	Min	-0.669896	-0.001811	-0.597969	0.003723	-0.000122	-0.000009

Story1	3	42	TH-LIMA-74-XX	NonDirHist	Max	0.567945	0.00508	0.017155	0.000145	0.000533	0.000015
Story1	3	42	TH-LIMA-74-XX	NonDirHist	Min	-0.380259	-0.011408	-0.014237	-0.000138	-0.000356	-0.000013
Story1	3	42	TH-LIMA-66-XX	NonDirHist	Max	0.286909	0.008462	0.00702	0.000227	0.000413	0.00001
Story1	3	42	TH-LIMA-66-XX	NonDirHist	Min	-0.661841	-0.00722	-0.020121	-0.000052	-0.000523	-0.000019
Story1	3	42	TH-ICA-2007-XX	NonDirHist	Max	0.433463	0.00875	0.010576	0.000227	0.000473	0.000014
Story1	3	42	TH-ICA-2007-XX	NonDirHist	Min	-0.660819	-0.008729	-0.021026	-0.000101	-0.000573	-0.000018
Story1	5	46	TH-LIMA-74-XX	NonDirHist	Max	0.571516	0.008786	0.000349	0.000018	0.001926	0.000009
Story1	5	46	TH-LIMA-74-XX	NonDirHist	Min	-0.38261	-0.008622	-0.013694	-0.000013	-0.00163	-0.000006
Story1	5	46	TH-LIMA-66-XX	NonDirHist	Max	0.288985	0.004526	0.00466	0.000022	0.000864	0.000005
Story1	5	46	TH-LIMA-66-XX	NonDirHist	Min	-0.665499	-0.012089	-0.00987	-0.000005	-0.002639	-0.000009
Story1	5	46	TH-ICA-2007-XX	NonDirHist	Max	0.436007	0.00583	0.005006	0.000023	0.001366	0.000006
Story1	5	46	TH-ICA-2007-XX	NonDirHist	Min	-0.664518	-0.012249	-0.011287	-0.000006	-0.002658	-0.000009
Story1	11	170	TH-LIMA-74-XX	NonDirHist	Max	0.571891	-0.001338	0	0	0	0.000009
Story1	11	170	TH-LIMA-74-XX	NonDirHist	Min	-0.382855	-0.001754	0	0	0	-0.000006
Story1	11	170	TH-LIMA-66-XX	NonDirHist	Max	0.289203	-0.001361	0	0	0	0.000005
Story1	11	170	TH-LIMA-66-XX	NonDirHist	Min	-0.66588	-0.001788	0	0	0	-0.000009
Story1	11	170	TH-ICA-2007-XX	NonDirHist	Max	0.436275	-0.001245	0	0	0	0.000006
Story1	11	170	TH-ICA-2007-XX	NonDirHist	Min	-0.664905	-0.001799	0	0	0	-0.000009
Base	1	6	TH-LIMA-74-XX	NonDirHist	Max	9.575E-08	1.432E-07	4.782E-07	5.753E-11	1.18E-09	0
Base	1	6	TH-LIMA-74-XX	NonDirHist	Min	-0.000000104	-0.000000237	-0.000001	-3.016E-11	-9.474E-10	0
Base	1	6	TH-LIMA-66-XX	NonDirHist	Max	4.617E-08	2.374E-07	-2.548E-08	3.618E-11	5.354E-10	0
Base	1	6	TH-LIMA-66-XX	NonDirHist	Min	-1.341E-07	-0.000000147	-0.000001	-5.011E-11	-1.576E-09	0

Base	1	6	TH-ICA-2007-XX	NonDirHist	Max	1.131E-07	0.000000236	1.678E-07	4.414E-11	8.899E-10	0
Base	1	6	TH-ICA-2007-XX	NonDirHist	Min	-1.203E-07	-1.837E-07	-0.000001	-5.09E-11	-1.561E-09	0
Base	2	11	TH-LIMA-74-XX	NonDirHist	Max	1.102E-07	3.141E-08	-4.462E-07	2.958E-11	1.429E-09	0
Base	2	11	TH-LIMA-74-XX	NonDirHist	Min	-1.039E-07	-9.515E-08	-0.000001	-6.762E-12	-9.781E-10	0
Base	2	11	TH-LIMA-66-XX	NonDirHist	Max	5.804E-08	5.822E-08	-3.583E-07	2.045E-11	7.159E-10	0
Base	2	11	TH-LIMA-66-XX	NonDirHist	Min	-1.393E-07	-6.375E-08	-0.000001	-1.443E-11	-1.696E-09	0
Base	2	11	TH-ICA-2007-XX	NonDirHist	Max	1.288E-07	6.089E-08	-3.461E-07	2.453E-11	1.11E-09	0
Base	2	11	TH-ICA-2007-XX	NonDirHist	Min	-1.286E-07	-7.805E-08	-0.000001	-1.524E-11	-1.686E-09	0
Base	4	47	TH-LIMA-74-XX	NonDirHist	Max	0.000000296	1.385E-07	-7.118E-08	1.146E-09	5.281E-09	1.138E-11
Base	4	47	TH-LIMA-74-XX	NonDirHist	Min	-2.451E-07	-1.917E-07	-0.000001	-9.161E-10	-3.698E-09	-1.698E-11
Base	4	47	TH-LIMA-66-XX	NonDirHist	Max	1.508E-07	2.278E-07	-2.641E-07	5.415E-10	2.591E-09	1.99E-11
Base	4	47	TH-LIMA-66-XX	NonDirHist	Min	-3.959E-07	-1.059E-07	-0.000001	-1.529E-09	-6.351E-09	-8.518E-12
Base	4	47	TH-ICA-2007-XX	NonDirHist	Max	2.717E-07	2.265E-07	-1.577E-07	8.686E-10	4.035E-09	1.986E-11
Base	4	47	TH-ICA-2007-XX	NonDirHist	Min	-3.862E-07	-0.000000146	-0.000001	-1.518E-09	-6.309E-09	-1.301E-11
Base	10	90	TH-LIMA-74-XX	NonDirHist	Max	0.000002	2.898E-08	-0.000001	2.326E-10	6.254E-08	7.901E-12
Base	10	90	TH-LIMA-74-XX	NonDirHist	Min	-0.000002	-4.275E-08	-0.000001	-2.246E-10	-4.363E-08	-1.166E-11
Base	10	90	TH-LIMA-66-XX	NonDirHist	Max	0.000001	4.485E-08	-0.000001	2.632E-11	3.431E-08	1.448E-11
Base	10	90	TH-LIMA-66-XX	NonDirHist	Min	-0.000003	-2.167E-08	-0.000001	-2.459E-10	-7.221E-08	-5.423E-12
Base	10	90	TH-ICA-2007-XX	NonDirHist	Max	0.000002	4.412E-08	-0.000001	1.328E-10	4.942E-08	1.436E-11
Base	10	90	TH-ICA-2007-XX	NonDirHist	Min	-0.000003	-3.402E-08	-0.000001	-2.152E-10	-7.071E-08	-9.264E-12
Base	7	91	TH-LIMA-74-XX	NonDirHist	Max	0.000002	3.885E-08	-3.421E-07	2.477E-11	6.168E-08	2.408E-11
Base	7	91	TH-LIMA-74-XX	NonDirHist	Min	-0.000002	-4.407E-08	-0.000001	-3.167E-10	-4.322E-08	-1.602E-11
Base	7	91	TH-LIMA-66-XX	NonDirHist	Max	0.000001	5.512E-08	-4.571E-07	5.83E-11	3.375E-08	1.265E-11

Base	7	91	TH-LIMA-66-XX	NonDirHist	Min	-0.000003	-2.963E-08	-0.000001	-4.614E-10	-7.113E-08	-2.713E-11
Base	7	91	TH-ICA-2007-XX	NonDirHist	Max	0.000002	5.817E-08	-3.758E-07	3.122E-11	4.88E-08	1.807E-11
Base	7	91	TH-ICA-2007-XX	NonDirHist	Min	-0.000003	-3.267E-08	-0.000001	-4.756E-10	-6.982E-08	-2.719E-11
Base	32	139	TH-LIMA-74-XX	NonDirHist	Max	0.000002	4.839E-08	-0.000001	1.669E-10	6.254E-08	7.901E-12
Base	32	139	TH-LIMA-74-XX	NonDirHist	Min	-0.000002	-3.804E-08	-0.000001	-2.102E-10	-4.37E-08	-1.166E-11
Base	32	139	TH-LIMA-66-XX	NonDirHist	Max	0.000001	3.448E-08	-0.000001	3.044E-10	3.426E-08	1.448E-11
Base	32	139	TH-LIMA-66-XX	NonDirHist	Min	-0.000003	-5.172E-08	-0.000001	-2.503E-10	-7.201E-08	-5.423E-12
Base	32	139	TH-ICA-2007-XX	NonDirHist	Max	0.000002	3.378E-08	-0.000001	3.187E-10	4.939E-08	1.436E-11
Base	32	139	TH-ICA-2007-XX	NonDirHist	Min	-0.000003	-5.325E-08	-0.000001	-2.205E-10	-7.071E-08	-9.264E-12
Base	33	140	TH-LIMA-74-XX	NonDirHist	Max	0.000002	5.799E-08	-3.455E-07	5.29E-11	6.17E-08	2.408E-11
Base	33	140	TH-LIMA-74-XX	NonDirHist	Min	-0.000002	-3.092E-08	-0.000001	-4.469E-10	-4.318E-08	-1.602E-11
Base	33	140	TH-LIMA-66-XX	NonDirHist	Max	0.000001	3.239E-08	-3.054E-07	7.516E-11	3.377E-08	1.265E-11
Base	33	140	TH-LIMA-66-XX	NonDirHist	Min	-0.000003	-5.326E-08	-0.000001	-2.243E-10	-7.129E-08	-2.713E-11
Base	33	140	TH-ICA-2007-XX	NonDirHist	Max	0.000002	4.328E-08	-3.022E-07	3.914E-11	4.882E-08	1.807E-11
Base	33	140	TH-ICA-2007-XX	NonDirHist	Min	-0.000003	-5.27E-08	-0.000001	-3.404E-10	-6.977E-08	-2.719E-11
Base	40	17	TH-LIMA-74-XX	NonDirHist	Max	7.221E-08	6.271E-08	5.948E-08	4.356E-11	1.084E-09	1.157E-11
Base	40	17	TH-LIMA-74-XX	NonDirHist	Min	-5.551E-08	-6.457E-08	-0.000001	-4.883E-11	-6.08E-10	-1.726E-11
Base	40	17	TH-LIMA-66-XX	NonDirHist	Max	4.197E-08	3.646E-08	3.023E-07	6.419E-11	5.86E-10	2.019E-11
Base	40	17	TH-LIMA-66-XX	NonDirHist	Min	-8.004E-08	-8.74E-08	-0.000001	-2.634E-11	-1.128E-09	-8.682E-12
Base	40	17	TH-ICA-2007-XX	NonDirHist	Max	8.36E-08	4.488E-08	3.253E-07	6.434E-11	8.642E-10	2.015E-11
Base	40	17	TH-ICA-2007-XX	NonDirHist	Min	-7.367E-08	-8.827E-08	-0.000001	-3.417E-11	-1.118E-09	-1.32E-11
Base	42	92	TH-LIMA-74-XX	NonDirHist	Max	3.086E-07	2.038E-07	-1.937E-07	7.562E-10	5.384E-09	1.076E-11

Base	42	92	TH-LIMA-74-XX	NonDirHist	Min	0.000000228	-1.337E-07	-0.000001	-1.316E-09	-3.495E-09	-1.568E-11
Base	42	92	TH-LIMA-66-XX	NonDirHist	Max	1.687E-07	1.143E-07	-4.73E-09	1.369E-09	2.779E-09	1.862E-11
Base	42	92	TH-LIMA-66-XX	NonDirHist	Min	-3.792E-07	-2.205E-07	-0.000001	-7.08E-10	-6.182E-09	-7.771E-12
Base	42	92	TH-ICA-2007-XX	NonDirHist	Max	2.858E-07	1.531E-07	6.758E-10	1.358E-09	4.176E-09	1.86E-11
Base	42	92	TH-ICA-2007-XX	NonDirHist	Min	-3.705E-07	-2.198E-07	-0.000001	-1.033E-09	-6.15E-09	-1.192E-11
Base	44	93	TH-LIMA-74-XX	NonDirHist	Max	2.946E-07	2.09E-08	4.567E-07	9.899E-10	5.212E-09	1.876E-11
Base	44	93	TH-LIMA-74-XX	NonDirHist	Min	-2.252E-07	-4.15E-08	-0.000001	-7.022E-10	-3.447E-09	-1.254E-11
Base	44	93	TH-LIMA-66-XX	NonDirHist	Max	1.597E-07	1.828E-08	0.000001	4.774E-10	2.669E-09	9.553E-12
Base	44	93	TH-LIMA-66-XX	NonDirHist	Min	-3.719E-07	-3.677E-08	-0.000001	-1.226E-09	-6.088E-09	-2.171E-11
Base	44	93	TH-ICA-2007-XX	NonDirHist	Max	2.756E-07	1.509E-08	0.000001	7.69E-10	4.053E-09	1.427E-11
Base	44	93	TH-ICA-2007-XX	NonDirHist	Min	-3.631E-07	-3.915E-08	-0.000001	-1.216E-09	-6.054E-09	-2.17E-11
Base	49	129	TH-LIMA-74-XX	NonDirHist	Max	1.108E-07	6.341E-08	-4.096E-07	2.51E-11	1.437E-09	0
Base	49	129	TH-LIMA-74-XX	NonDirHist	Min	-1.034E-07	-7.974E-08	-0.000001	-1.607E-11	-9.718E-10	0
Base	49	129	TH-LIMA-66-XX	NonDirHist	Max	5.851E-08	2.98E-08	-4.203E-07	3.367E-11	7.216E-10	0
Base	49	129	TH-LIMA-66-XX	NonDirHist	Min	-0.000000139	-0.00000011	-0.000001	-6.422E-12	-1.692E-09	0
Base	49	129	TH-ICA-2007-XX	NonDirHist	Max	1.294E-07	3.975E-08	-4.279E-07	3.396E-11	1.118E-09	0
Base	49	129	TH-ICA-2007-XX	NonDirHist	Min	-0.000000128	-1.109E-07	-0.000001	-9.194E-12	-1.679E-09	0
Base	3	39	TH-LIMA-74-XX	NonDirHist	Max	2.629E-08	5.001E-08	4.881E-07	4.535E-08	1.583E-07	0.000001
Base	3	39	TH-LIMA-74-XX	NonDirHist	Min	-2.549E-08	-9.039E-08	-4.974E-07	-4.629E-08	-1.135E-07	-4.952E-07
Base	3	39	TH-LIMA-66-XX	NonDirHist	Max	1.686E-08	8.158E-08	1.776E-07	1.647E-08	7.347E-08	3.753E-07
Base	3	39	TH-LIMA-66-XX	NonDirHist	Min	-2.758E-08	-6.069E-08	-0.000001	-6.384E-08	-1.956E-07	-0.000001
Base	3	39	TH-ICA-2007-XX	NonDirHist	Max	3.038E-08	8.25E-08	2.872E-07	2.667E-08	1.182E-07	0.000001

Base	3	39	TH-ICA-2007-XX	NonDirHist	Min	-2.219E-08	-7.146E-08	-0.000001	-6.587E-08	-1.936E-07	-0.000001
Base	5	45	TH-LIMA-74-XX	NonDirHist	Max	2.97E-08	1.405E-07	5.272E-08	0.000027	0.002406	0.000056
Base	5	45	TH-LIMA-74-XX	NonDirHist	Min	-2.674E-08	-1.027E-07	-0.000001	-0.000032	-0.001482	-0.000117
Base	5	45	TH-LIMA-66-XX	NonDirHist	Max	1.817E-08	7.87E-08	2.693E-07	0.000043	0.001262	0.000116
Base	5	45	TH-LIMA-66-XX	NonDirHist	Min	-3.077E-08	-1.623E-07	-0.000000471	-0.000017	-0.002681	-0.000067
Base	5	45	TH-ICA-2007-XX	NonDirHist	Max	0.000000034	1.021E-07	2.777E-07	0.000043	0.001884	0.000113
Base	5	45	TH-ICA-2007-XX	NonDirHist	Min	-2.397E-08	-1.625E-07	-0.000001	-0.000023	-0.002664	-0.000098

TABLE: Joint Displacements

Story	Label	Unique Name	Output Case	Case Type	Step Type	Ux cm	Uy cm	Uz cm	Rx rad	Ry rad	Rz rad
Story3	37	100	TH-LIMA-74-YY	NonDirHist	Max	0.000588	0.152711	0.017745	0.000302	0.000001	3.153E-07
Story3	37	100	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	-0.246809	-0.066961	-0.000008	-0.000001	-1.433E-07
Story3	37	100	TH-LIMA-66-YY	NonDirHist	Max	0.000671	0.232662	0.036758	0.000339	0.000001	0.000001
Story3	37	100	TH-LIMA-66-YY	NonDirHist	Min	-0.001212	-0.276667	-0.075269	-0.000082	-0.000002	-4.316E-07
Story3	37	100	TH-ICA-2007-YY	NonDirHist	Max	0.000684	0.235893	0.03656	0.000241	3.303E-07	3.635E-07
Story3	37	100	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	-0.167407	-0.050304	-0.000079	-0.000002	-2.108E-07
Story3	1	2	TH-LIMA-74-YY	NonDirHist	Max	0.00061	0.152733	-0.010118	0.00018	0.000185	3.153E-07
Story3	1	2	TH-LIMA-74-YY	NonDirHist	Min	-0.001139	-0.247053	-0.01033	-0.00011	0.000184	-1.433E-07
Story3	1	2	TH-LIMA-66-YY	NonDirHist	Max	0.000643	0.232901	-0.010049	0.000209	0.000185	0.000001
Story3	1	2	TH-LIMA-66-YY	NonDirHist	Min	-0.001266	-0.276931	-0.01037	-0.000176	0.000184	-4.316E-07
Story3	1	2	TH-ICA-2007-YY	NonDirHist	Max	0.000601	0.235919	-0.010065	0.000123	0.000185	3.635E-07
Story3	1	2	TH-ICA-2007-YY	NonDirHist	Min	-0.0012	-0.167562	-0.010291	-0.000175	0.000184	-2.108E-07
Story3	2	9	TH-LIMA-74-YY	NonDirHist	Max	0.00061	0.152711	-0.012105	0.00013	0.000005	3.153E-07
Story3	2	9	TH-LIMA-74-YY	NonDirHist	Min	-0.001139	-0.246809	-0.012163	-0.000074	0.000004	-1.433E-07

Story3	2	9	TH-LIMA-66-YY	NonDirHist	Max	0.000643	0.232662	-0.012101	0.000149	0.000005	0.000001
Story3	2	9	TH-LIMA-66-YY	NonDirHist	Min	-0.001266	0.276667	-0.01218	-0.000119	0.000004	-4.316E-07
Story3	2	9	TH-ICA-2007-YY	NonDirHist	Max	0.000601	0.235893	-0.012118	0.00009	0.000005	3.635E-07
Story3	2	9	TH-ICA-2007-YY	NonDirHist	Min	-0.0012	0.167407	-0.012182	-0.000119	0.000004	-2.108E-07
Story3	4	18	TH-LIMA-74-YY	NonDirHist	Max	0.000589	0.152733	0.030762	0.000216	0.000119	3.153E-07
Story3	4	18	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	0.247053	-0.082945	-0.000111	-0.00006	-1.433E-07
Story3	4	18	TH-LIMA-66-YY	NonDirHist	Max	0.00067	0.232901	0.05648	0.000251	0.000159	0.000001
Story3	4	18	TH-LIMA-66-YY	NonDirHist	Min	-0.001214	0.276931	-0.094229	-0.000189	-0.000077	-4.316E-07
Story3	4	18	TH-ICA-2007-YY	NonDirHist	Max	0.000682	0.235919	0.056112	0.000152	0.000158	3.635E-07
Story3	4	18	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	0.167562	-0.060589	-0.000187	-0.000025	-2.108E-07
Story3	10	26	TH-LIMA-74-YY	NonDirHist	Max	0.000589	0.152711	0.016648	0.000202	-7.423E-08	3.153E-07
Story3	10	26	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	0.246809	-0.064151	-0.000111	-0.000001	-1.433E-07
Story3	10	26	TH-LIMA-66-YY	NonDirHist	Max	0.00067	0.232662	0.034723	0.000238	2.106E-07	0.000001
Story3	10	26	TH-LIMA-66-YY	NonDirHist	Min	-0.001214	0.276667	-0.072008	-0.000187	-0.000002	-4.316E-07
Story3	10	26	TH-ICA-2007-YY	NonDirHist	Max	0.000682	0.235893	0.034563	0.000141	-2.575E-07	3.635E-07
Story3	10	26	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	0.167407	-0.048258	-0.000184	-0.000002	-2.108E-07
Story3	7	60	TH-LIMA-74-YY	NonDirHist	Max	0.000631	0.152711	0.039644	0.000204	0.000001	3.153E-07
Story3	7	60	TH-LIMA-74-YY	NonDirHist	Min	-0.001178	0.246809	-0.041393	-0.00011	-0.000003	-1.433E-07
Story3	7	60	TH-LIMA-66-YY	NonDirHist	Max	0.000615	0.232662	0.047522	0.00024	0.000001	0.000001

Story3	7	60	TH-LIMA-66-YY	NonDirHist	Min	-0.001318	0.276667	-0.059519	-0.000186	-0.000003	-4.316E-07
Story3	7	60	TH-ICA-2007-YY	NonDirHist	Max	0.000535	0.235893	0.023707	0.000143	0.000001	3.635E-07
Story3	7	60	TH-ICA-2007-YY	NonDirHist	Min	-0.001266	0.167407	-0.059356	-0.000183	-0.000002	-2.108E-07
Story3	21	55	TH-LIMA-74-YY	NonDirHist	Max	0.000631	0.152733	0.060561	0.000248	0.000197	3.153E-07
Story3	21	55	TH-LIMA-74-YY	NonDirHist	Min	-0.001178	0.247053	-0.052254	-0.000096	-0.000034	-1.433E-07
Story3	21	55	TH-LIMA-66-YY	NonDirHist	Max	0.000615	0.232901	0.071647	0.000285	0.000219	0.000001
Story3	21	55	TH-LIMA-66-YY	NonDirHist	Min	-0.001318	0.276931	-0.077671	-0.000177	-0.000086	-4.316E-07
Story3	21	55	TH-ICA-2007-YY	NonDirHist	Max	0.000535	0.235919	0.03837	0.000181	0.000151	3.635E-07
Story3	21	55	TH-ICA-2007-YY	NonDirHist	Min	-0.001266	0.167562	-0.077356	-0.000175	-0.000085	-2.108E-07
Story3	14	75	TH-LIMA-74-YY	NonDirHist	Max	0.000577	0.152733	-0.018434	0.000691	0.000874	3.153E-07
Story3	14	75	TH-LIMA-74-YY	NonDirHist	Min	-0.001115	0.247053	-0.198908	0.000382	0.000593	-1.433E-07
Story3	14	75	TH-LIMA-66-YY	NonDirHist	Max	0.000685	0.232901	0.02327	0.000725	0.000937	0.000001
Story3	14	75	TH-LIMA-66-YY	NonDirHist	Min	-0.001185	0.276931	-0.217506	0.000308	0.000566	-4.316E-07
Story3	14	75	TH-ICA-2007-YY	NonDirHist	Max	0.000727	0.235919	0.022318	0.00063	0.000936	3.635E-07
Story3	14	75	TH-ICA-2007-YY	NonDirHist	Min	-0.001234	0.167562	-0.163505	0.00031	0.000648	-2.108E-07
Story3	16	81	TH-LIMA-74-YY	NonDirHist	Max	0.000577	0.152711	-0.230288	0.001808	0.000012	3.153E-07
Story3	16	81	TH-LIMA-74-YY	NonDirHist	Min	-0.001115	0.246809	-0.361151	0.001593	0.000003	-1.433E-07
Story3	16	81	TH-LIMA-66-YY	NonDirHist	Max	0.000685	0.232662	-0.20002	0.001836	0.000013	0.000001
Story3	16	81	TH-LIMA-66-YY	NonDirHist	Min	-0.001185	0.276667	-0.375362	0.001541	0.000001	-4.316E-07

Story3	16	81	TH-ICA-2007-YY	NonDirHist	Max	0.000727	0.235893	-0.200735	0.001765	0.00001	3.635E-07
Story3	16	81	TH-ICA-2007-YY	NonDirHist	Min	-0.001234	0.167407	-0.335377	0.001543	4.669E-07	-2.108E-07
Story3	32	115	TH-LIMA-74-YY	NonDirHist	Max	0.000589	0.15269	0.01674	0.000202	0.000001	3.153E-07
Story3	32	115	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	0.246564	-0.064057	-0.000111	-0.000002	-1.433E-07
Story3	32	115	TH-LIMA-66-YY	NonDirHist	Max	0.00067	0.232423	0.034783	0.000237	0.000002	0.000001
Story3	32	115	TH-LIMA-66-YY	NonDirHist	Min	-0.001214	0.276403	-0.071919	-0.000186	-0.000002	-4.316E-07
Story3	32	115	TH-ICA-2007-YY	NonDirHist	Max	0.000682	0.235867	0.034667	0.000141	0.000002	3.635E-07
Story3	32	115	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	0.167251	-0.048172	-0.000184	-0.000001	-2.108E-07
Story3	33	119	TH-LIMA-74-YY	NonDirHist	Max	0.000631	0.15269	0.039637	0.000204	3.465E-07	3.153E-07
Story3	33	119	TH-LIMA-74-YY	NonDirHist	Min	-0.001178	0.246564	-0.041408	-0.00011	-0.000001	-1.433E-07
Story3	33	119	TH-LIMA-66-YY	NonDirHist	Max	0.000615	0.232423	0.047521	0.000239	4.559E-07	0.000001
Story3	33	119	TH-LIMA-66-YY	NonDirHist	Min	-0.001318	0.276403	-0.059505	-0.000186	-0.000001	-4.316E-07
Story3	33	119	TH-ICA-2007-YY	NonDirHist	Max	0.000535	0.235867	0.023707	0.000142	2.676E-07	3.635E-07
Story3	33	119	TH-ICA-2007-YY	NonDirHist	Min	-0.001266	0.167251	-0.059388	-0.000183	-0.000001	-2.108E-07
Story3	34	122	TH-LIMA-74-YY	NonDirHist	Max	0.000577	0.15269	-0.230831	0.001812	-0.000004	3.153E-07
Story3	34	122	TH-LIMA-74-YY	NonDirHist	Min	-0.001115	0.246564	-0.361659	0.001597	-0.000014	-1.433E-07
Story3	34	122	TH-LIMA-66-YY	NonDirHist	Max	0.000685	0.232423	-0.200613	0.001839	-0.000002	0.000001
Story3	34	122	TH-LIMA-66-YY	NonDirHist	Min	-0.001185	0.276403	-0.375882	0.001545	-0.000014	-4.316E-07
Story3	34	122	TH-ICA-2007-YY	NonDirHist	Max	0.000727	0.235867	-0.201285	0.001769	-0.000002	3.635E-07

Story3	34	122	TH-ICA-2007-YY	NonDirHist	Min	-0.001234	0.167251	-0.335908	0.001547	-0.000012	-2.108E-07
Story3	35	70	TH-LIMA-74-YY	NonDirHist	Max	0.000589	0.152669	0	0	0	3.153E-07
Story3	35	70	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	0.246325	0	0	0	-1.433E-07
Story3	35	70	TH-LIMA-66-YY	NonDirHist	Max	0.000669	0.23219	0	0	0	0.000001
Story3	35	70	TH-LIMA-66-YY	NonDirHist	Min	-0.001216	0.276146	0	0	0	-4.316E-07
Story3	35	70	TH-ICA-2007-YY	NonDirHist	Max	0.000679	0.235842	0	0	0	3.635E-07
Story3	35	70	TH-ICA-2007-YY	NonDirHist	Min	-0.001219	-0.1671	0	0	0	-2.108E-07
Story3	36	108	TH-LIMA-74-YY	NonDirHist	Max	0.000588	0.152679	-0.015643	0.00026	0.000006	3.153E-07
Story3	36	108	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	0.246444	-0.036801	-0.000039	-0.000005	-1.433E-07
Story3	36	108	TH-LIMA-66-YY	NonDirHist	Max	0.000671	0.232306	-0.010874	0.000296	0.000008	0.000001
Story3	36	108	TH-LIMA-66-YY	NonDirHist	Min	-0.001212	0.276274	-0.038896	-0.000113	-0.000006	-4.316E-07
Story3	36	108	TH-ICA-2007-YY	NonDirHist	Max	0.000684	0.235855	-0.010901	0.000201	0.000008	3.635E-07
Story3	36	108	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	0.167175	-0.032639	-0.000111	-0.000003	-2.108E-07
Story3	40	15	TH-LIMA-74-YY	NonDirHist	Max	0.00061	0.152668	-0.010135	0.000181	-0.000196	3.153E-07
Story3	40	15	TH-LIMA-74-YY	NonDirHist	Min	-0.001139	-0.24632	-0.010185	-0.000108	-0.000197	-1.433E-07
Story3	40	15	TH-LIMA-66-YY	NonDirHist	Max	0.000643	0.232185	-0.010136	0.000209	-0.000196	0.000001
Story3	40	15	TH-LIMA-66-YY	NonDirHist	Min	-0.001266	-0.27614	-0.010188	-0.000173	-0.000197	-4.316E-07
Story3	40	15	TH-ICA-2007-YY	NonDirHist	Max	0.000601	0.235841	-0.010143	0.000124	-0.000196	3.635E-07
Story3	40	15	TH-ICA-2007-YY	NonDirHist	Min	-0.0012	0.167096	-0.010192	-0.000173	-0.000197	-2.108E-07
Story3	41	29	TH-LIMA-74-YY	NonDirHist	Max	0.000589	0.152679	-0.017074	0.000161	0.000008	3.153E-07

Story3	41	29	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	0.246444	-0.034508	-0.000137	-0.000003	-1.433E-07
Story3	41	29	TH-LIMA-66-YY	NonDirHist	Max	0.00067	0.232306	-0.013219	0.000196	0.00001	0.000001
Story3	41	29	TH-LIMA-66-YY	NonDirHist	Min	-0.001214	0.276274	-0.036162	-0.00021	-0.000004	-4.316E-07
Story3	41	29	TH-ICA-2007-YY	NonDirHist	Max	0.000682	0.235855	-0.01321	0.000103	0.00001	3.635E-07
Story3	41	29	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	0.167175	-0.031075	-0.000207	-0.000001	-2.108E-07
Story3	42	32	TH-LIMA-74-YY	NonDirHist	Max	0.000589	0.152668	0.030633	0.000215	0.000059	3.153E-07
Story3	42	32	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	-0.24632	-0.082448	-0.000111	-0.000119	-1.433E-07
Story3	42	32	TH-LIMA-66-YY	NonDirHist	Max	0.00067	0.232185	0.056096	0.000251	0.000077	0.000001
Story3	42	32	TH-LIMA-66-YY	NonDirHist	Min	-0.001214	-0.27614	-0.093698	-0.000189	-0.000159	-4.316E-07
Story3	42	32	TH-ICA-2007-YY	NonDirHist	Max	0.000682	0.235841	0.0559	0.000151	0.000024	3.635E-07
Story3	42	32	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	0.167096	-0.060249	-0.000186	-0.000159	-2.108E-07
Story3	43	66	TH-LIMA-74-YY	NonDirHist	Max	0.000631	0.152679	-0.006599	0.000246	0.000008	3.153E-07
Story3	43	66	TH-LIMA-74-YY	NonDirHist	Min	-0.001178	0.246444	-0.023654	-0.000049	-0.000001	-1.433E-07
Story3	43	66	TH-LIMA-66-YY	NonDirHist	Max	0.000615	0.232306	-0.005001	0.000281	0.000009	0.000001
Story3	43	66	TH-LIMA-66-YY	NonDirHist	Min	-0.001318	0.276274	-0.02739	-0.000121	-0.000003	-4.316E-07
Story3	43	66	TH-ICA-2007-YY	NonDirHist	Max	0.000535	0.235855	-0.009955	0.000189	0.000006	3.635E-07
Story3	43	66	TH-ICA-2007-YY	NonDirHist	Min	-0.001266	0.167175	-0.027381	-0.000118	-0.000003	-2.108E-07
Story3	44	72	TH-LIMA-74-YY	NonDirHist	Max	0.000631	0.152668	0.060993	0.000223	0.000028	3.153E-07
Story3	44	72	TH-LIMA-74-YY	NonDirHist	Min	-0.001178	-0.24632	-0.0522	-0.000104	-0.000148	-1.433E-07
Story3	44	72	TH-LIMA-66-YY	NonDirHist	Max	0.000615	0.232185	0.07224	0.000259	0.000067	0.000001
Story3	44	72	TH-LIMA-66-YY	NonDirHist	Min	-0.001318	-0.27614	-0.077668	-0.000181	-0.000166	-4.316E-07

Story3	44	72	TH-ICA-2007-YY	NonDirHist	Max	0.000535	0.235841	0.038774	0.000159	0.000067	3.635E-07
Story3	44	72	TH-ICA-2007-YY	NonDirHist	Min	-0.001266	0.167096	-0.07746	-0.000179	-0.000114	-2.108E-07
Story3	45	84	TH-LIMA-74-YY	NonDirHist	Max	0.000577	0.152679	-0.236996	0.001811	-0.000085	3.153E-07
Story3	45	84	TH-LIMA-74-YY	NonDirHist	Min	-0.001115	0.246444	-0.332458	0.001426	-0.000094	-1.433E-07
Story3	45	84	TH-LIMA-66-YY	NonDirHist	Max	0.000685	0.232306	-0.214334	0.001855	-0.000084	0.000001
Story3	45	84	TH-LIMA-66-YY	NonDirHist	Min	-0.001185	0.276274	-0.343109	0.001334	-0.000097	-4.316E-07
Story3	45	84	TH-ICA-2007-YY	NonDirHist	Max	0.000727	0.235855	-0.214894	0.001735	-0.000087	3.635E-07
Story3	45	84	TH-ICA-2007-YY	NonDirHist	Min	-0.001234	0.167175	-0.313605	0.001336	-0.000097	-2.108E-07
Story3	46	87	TH-LIMA-74-YY	NonDirHist	Max	0.000577	0.152668	-0.018411	0.000689	-0.000592	3.153E-07
Story3	46	87	TH-LIMA-74-YY	NonDirHist	Min	-0.001115	-0.24632	-0.198049	0.000381	-0.000873	-1.433E-07
Story3	46	87	TH-LIMA-66-YY	NonDirHist	Max	0.000685	0.232185	0.022934	0.000723	-0.000565	0.000001
Story3	46	87	TH-LIMA-66-YY	NonDirHist	Min	-0.001185	-0.27614	-0.216649	0.000307	-0.000936	-4.316E-07
Story3	46	87	TH-ICA-2007-YY	NonDirHist	Max	0.000727	0.235841	0.022219	0.000629	-0.000647	3.635E-07
Story3	46	87	TH-ICA-2007-YY	NonDirHist	Min	-0.001234	0.167096	-0.162855	0.00031	-0.000936	-2.108E-07
Story3	47	124	TH-LIMA-74-YY	NonDirHist	Max	0.000588	0.15269	0.017837	0.000301	0.000001	3.153E-07
Story3	47	124	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	0.246564	-0.066863	-0.000008	-0.000002	-1.433E-07
Story3	47	124	TH-LIMA-66-YY	NonDirHist	Max	0.000671	0.232423	0.036815	0.000339	0.000002	0.000001
Story3	47	124	TH-LIMA-66-YY	NonDirHist	Min	-0.001212	0.276403	-0.075176	-0.000081	-0.000002	-4.316E-07
Story3	47	124	TH-ICA-2007-YY	NonDirHist	Max	0.000684	0.235867	0.036663	0.00024	0.000002	3.635E-07
Story3	47	124	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	0.167251	-0.050216	-0.000079	-0.000001	-2.108E-07

Story3	49	127	TH-LIMA-74-YY	NonDirHist	Max	0.00061	0.15269	-0.012077	0.00013	-0.000004	3.153E-07
Story3	49	127	TH-LIMA-74-YY	NonDirHist	Min	-0.001139	0.246564	-0.012137	-0.000074	-0.000005	-1.433E-07
Story3	49	127	TH-LIMA-66-YY	NonDirHist	Max	0.000643	0.232423	-0.012072	0.000149	-0.000003	0.000001
Story3	49	127	TH-LIMA-66-YY	NonDirHist	Min	-0.001266	0.276403	-0.012155	-0.000119	-0.000005	-4.316E-07
Story3	49	127	TH-ICA-2007-YY	NonDirHist	Max	0.000601	0.235867	-0.01209	0.00009	-0.000003	3.635E-07
Story3	49	127	TH-ICA-2007-YY	NonDirHist	Min	-0.0012	0.167251	-0.012157	-0.000119	-0.000005	-2.108E-07
Story3	61	104	TH-LIMA-74-YY	NonDirHist	Max	0.000588	0.152722	-0.015565	0.000261	0.000003	3.153E-07
Story3	61	104	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	0.246928	-0.036952	-0.000039	-0.000006	-1.433E-07
Story3	61	104	TH-LIMA-66-YY	NonDirHist	Max	0.000671	0.232779	-0.010773	0.000297	0.000004	0.000001
Story3	61	104	TH-LIMA-66-YY	NonDirHist	Min	-0.001212	0.276796	-0.039046	-0.000114	-0.000009	-4.316E-07
Story3	61	104	TH-ICA-2007-YY	NonDirHist	Max	0.000684	0.235905	-0.010826	0.000201	0.000001	3.635E-07
Story3	61	104	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	0.167482	-0.032744	-0.000111	-0.000009	-2.108E-07
Story3	62	20	TH-LIMA-74-YY	NonDirHist	Max	0.000589	0.152722	-0.016995	0.000162	0.000001	3.153E-07
Story3	62	20	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	0.246928	-0.03465	-0.000137	-0.000008	-1.433E-07
Story3	62	20	TH-LIMA-66-YY	NonDirHist	Max	0.00067	0.232779	-0.013122	0.000197	0.000003	0.000001
Story3	62	20	TH-LIMA-66-YY	NonDirHist	Min	-0.001214	0.276796	-0.036303	-0.00021	-0.00001	-4.316E-07
Story3	62	20	TH-ICA-2007-YY	NonDirHist	Max	0.000682	0.235905	-0.013137	0.000103	-4.214E-07	3.635E-07
Story3	62	20	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	0.167482	-0.031173	-0.000207	-0.000011	-2.108E-07
Story3	63	56	TH-LIMA-74-YY	NonDirHist	Max	0.000631	0.152722	-0.007184	0.000247	0.000001	3.153E-07

Story3	63	56	TH-LIMA-74-YY	NonDirHist	Min	-0.001178	0.246928	-0.023626	-0.000049	-0.000013	-1.433E-07
Story3	63	56	TH-LIMA-66-YY	NonDirHist	Max	0.000615	0.232779	-0.005627	0.000282	0.000004	0.000001
Story3	63	56	TH-LIMA-66-YY	NonDirHist	Min	-0.001318	0.276796	-0.027271	-0.000121	-0.000014	-4.316E-07
Story3	63	56	TH-ICA-2007-YY	NonDirHist	Max	0.000535	0.235905	-0.010424	0.00019	0.000004	3.635E-07
Story3	63	56	TH-ICA-2007-YY	NonDirHist	Min	-0.001266	0.167482	-0.027271	-0.000118	-0.00001	-2.108E-07
Story3	64	78	TH-LIMA-74-YY	NonDirHist	Max	0.000577	0.152722	-0.237066	0.001812	0.00008	3.153E-07
Story3	64	78	TH-LIMA-74-YY	NonDirHist	Min	-0.001115	0.246928	-0.33291	0.001427	0.000071	-1.433E-07
Story3	64	78	TH-LIMA-66-YY	NonDirHist	Max	0.000685	0.232779	-0.214294	0.001856	0.000083	0.000001
Story3	64	78	TH-LIMA-66-YY	NonDirHist	Min	-0.001185	0.276796	-0.343553	0.001334	0.00007	-4.316E-07
Story3	64	78	TH-ICA-2007-YY	NonDirHist	Max	0.000727	0.235905	-0.214917	0.001736	0.000083	3.635E-07
Story3	64	78	TH-ICA-2007-YY	NonDirHist	Min	-0.001234	0.167482	-0.313964	0.001337	0.000073	-2.108E-07
Story3	65	125	TH-LIMA-74-YY	NonDirHist	Max	0.000588	0.152701	-0.013378	0.000267	0.00000032	3.153E-07
Story3	65	125	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	0.246686	-0.03689	-0.000034	-0.000001	-1.433E-07
Story3	65	125	TH-LIMA-66-YY	NonDirHist	Max	0.000671	0.232543	-0.008109	0.000303	3.447E-07	0.000001
Story3	65	125	TH-LIMA-66-YY	NonDirHist	Min	-0.001212	0.276535	-0.039192	-0.000108	-0.000001	-4.316E-07
Story3	65	125	TH-ICA-2007-YY	NonDirHist	Max	0.000684	0.23588	-0.008153	0.000207	4.399E-07	3.635E-07
Story3	65	125	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	0.167329	-0.032263	-0.000106	-0.000001	-2.108E-07
Story3	66	130	TH-LIMA-74-YY	NonDirHist	Max	0.000589	0.152701	-0.014783	0.000163	0.000000394	3.153E-07
Story3	66	130	TH-LIMA-74-YY	NonDirHist	Min	-0.00111	0.246686	-0.034554	-0.000136	-0.000001	-1.433E-07

Story3	66	130	TH-LIMA-66-YY	NonDirHist	Max	0.00067	0.232543	-0.010432	0.000198	4.246E-07	0.000001
Story3	66	130	TH-LIMA-66-YY	NonDirHist	Min	-0.001214	0.276535	-0.036413	-0.000209	-0.000001	-4.316E-07
Story3	66	130	TH-ICA-2007-YY	NonDirHist	Max	0.000682	0.23588	-0.010437	0.000105	0.000001	3.635E-07
Story3	66	130	TH-ICA-2007-YY	NonDirHist	Min	-0.00122	0.167329	-0.03066	-0.000206	-0.000001	-2.108E-07
Story3	67	134	TH-LIMA-74-YY	NonDirHist	Max	0.000631	0.152701	-0.004214	0.000246	3.868E-07	3.153E-07
Story3	67	134	TH-LIMA-74-YY	NonDirHist	Min	-0.001178	0.246686	-0.023481	-0.00005	-0.000001	-1.433E-07
Story3	67	134	TH-LIMA-66-YY	NonDirHist	Max	0.000615	0.232543	-0.002402	0.000281	3.787E-07	0.000001
Story3	67	134	TH-LIMA-66-YY	NonDirHist	Min	-0.001318	0.276535	-0.027723	-0.000123	-0.000001	-4.316E-07
Story3	67	134	TH-ICA-2007-YY	NonDirHist	Max	0.000535	0.23588	-0.008008	0.000188	4.975E-07	3.635E-07
Story3	67	134	TH-ICA-2007-YY	NonDirHist	Min	-0.001266	0.167329	-0.027717	-0.00012	-0.000001	-2.108E-07
Story3	68	137	TH-LIMA-74-YY	NonDirHist	Max	0.000577	0.152701	-0.244682	0.001893	-0.000003	3.153E-07
Story3	68	137	TH-LIMA-74-YY	NonDirHist	Min	-0.001115	0.246686	-0.343744	0.001502	-0.000003	-1.433E-07
Story3	68	137	TH-LIMA-66-YY	NonDirHist	Max	0.000685	0.232543	-0.221246	0.001938	-0.000002	0.000001
Story3	68	137	TH-LIMA-66-YY	NonDirHist	Min	-0.001185	0.276535	-0.354787	0.001408	-0.000003	-4.316E-07
Story3	68	137	TH-ICA-2007-YY	NonDirHist	Max	0.000727	0.23588	-0.221828	0.001815	-0.000002	3.635E-07
Story3	68	137	TH-ICA-2007-YY	NonDirHist	Min	-0.001234	0.167329	-0.324145	0.001411	-0.000003	-2.108E-07
Story3	3	44	TH-LIMA-74-YY	NonDirHist	Max	0.000639	0.152695	0.064831	0.000259	0.000197	0.000002
Story3	3	44	TH-LIMA-74-YY	NonDirHist	Min	-0.001184	0.246973	-0.053854	-0.000094	-0.000043	-0.000001
Story3	3	44	TH-LIMA-66-YY	NonDirHist	Max	0.00062	0.232816	0.076553	0.000298	0.000221	0.000003

Story3	3	44	TH-LIMA-66-YY	NonDirHist	Min	-0.001328	0.276821	-0.080654	-0.000177	-0.000097	-0.000002
Story3	3	44	TH-ICA-2007-YY	NonDirHist	Max	0.000543	0.235843	0.041491	0.00019	0.00015	0.000001
Story3	3	44	TH-ICA-2007-YY	NonDirHist	Min	-0.001276	0.167503	-0.080298	-0.000175	-0.000097	-0.000002
Story3	5	50	TH-LIMA-74-YY	NonDirHist	Max	0.00061	0.152653	-0.010046	0.000181	-0.000196	3.192E-07
Story3	5	50	TH-LIMA-74-YY	NonDirHist	Min	-0.001139	0.246299	-0.010368	-0.000108	-0.000197	-1.456E-07
Story3	5	50	TH-LIMA-66-YY	NonDirHist	Max	0.000643	0.232155	-0.009964	0.000209	-0.000196	0.000001
Story3	5	50	TH-LIMA-66-YY	NonDirHist	Min	-0.001266	0.276109	-0.010405	-0.000173	-0.000197	-4.362E-07
Story3	5	50	TH-ICA-2007-YY	NonDirHist	Max	0.000601	0.235815	-0.009963	0.000124	-0.000196	3.647E-07
Story3	5	50	TH-ICA-2007-YY	NonDirHist	Min	-0.0012	0.167082	-0.010304	-0.000173	-0.000197	-2.146E-07
Story3	8	168	TH-LIMA-74-YY	NonDirHist	Max	0.000607	0.152701	0	0	0	3.153E-07
Story3	8	168	TH-LIMA-74-YY	NonDirHist	Min	-0.001135	0.246686	0	0	0	-1.433E-07
Story3	8	168	TH-LIMA-66-YY	NonDirHist	Max	0.000646	0.232543	0	0	0	0.000001
Story3	8	168	TH-LIMA-66-YY	NonDirHist	Min	-0.00126	0.276536	0	0	0	-4.316E-07
Story3	8	168	TH-ICA-2007-YY	NonDirHist	Max	0.000608	0.23588	0	0	0	3.635E-07
Story3	8	168	TH-ICA-2007-YY	NonDirHist	Min	-0.001197	0.167329	0	0	0	-2.108E-07
Story2	37	8	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.11136	0.017358	0.000506	0.000001	1.795E-07
Story2	37	8	TH-LIMA-74-YY	NonDirHist	Min	-0.000718	0.175975	-0.063033	0.000149	-1.234E-07	-1.191E-07
Story2	37	8	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.164097	0.035061	0.000549	0.000002	3.576E-07
Story2	37	8	TH-LIMA-66-YY	NonDirHist	Min	-0.000729	0.192919	-0.070596	0.000064	-0.000001	-3.078E-07

Story2	37	8	TH-ICA-2007-YY	NonDirHist	Max	0.000516	0.168454	0.035019	0.000436	0.000001	0.000000205
Story2	37	8	TH-ICA-2007-YY	NonDirHist	Min	-0.000793	0.118452	-0.047193	0.000067	-0.000001	-1.571E-07
Story2	1	1	TH-LIMA-74-YY	NonDirHist	Max	0.00043	0.111378	-0.00869	0.00018	0.000144	1.795E-07
Story2	1	1	TH-LIMA-74-YY	NonDirHist	Min	-0.000699	0.176095	-0.008916	-0.00011	0.000142	-1.191E-07
Story2	1	1	TH-LIMA-66-YY	NonDirHist	Max	0.000493	0.164263	-0.008628	0.000207	0.000144	3.576E-07
Story2	1	1	TH-LIMA-66-YY	NonDirHist	Min	-0.000749	0.193062	-0.008952	-0.000174	0.000142	-3.078E-07
Story2	1	1	TH-ICA-2007-YY	NonDirHist	Max	0.000466	0.168472	-0.008636	0.000123	0.000145	0.000000205
Story2	1	1	TH-ICA-2007-YY	NonDirHist	Min	-0.000769	0.118521	-0.008872	-0.000174	0.000142	-1.571E-07
Story2	2	7	TH-LIMA-74-YY	NonDirHist	Max	0.00043	0.11136	-0.010461	0.000131	0.000005	1.795E-07
Story2	2	7	TH-LIMA-74-YY	NonDirHist	Min	-0.000699	0.175975	-0.010516	-0.000076	0.000004	-1.191E-07
Story2	2	7	TH-LIMA-66-YY	NonDirHist	Max	0.000493	0.164097	-0.010457	0.00015	0.000005	3.576E-07
Story2	2	7	TH-LIMA-66-YY	NonDirHist	Min	-0.000749	0.192919	-0.010529	-0.00012	0.000004	-3.078E-07
Story2	2	7	TH-ICA-2007-YY	NonDirHist	Max	0.000466	0.168454	-0.010474	0.00009	0.000005	0.000000205
Story2	2	7	TH-ICA-2007-YY	NonDirHist	Min	-0.000769	0.118452	-0.010531	-0.000121	0.000004	-1.571E-07
Story2	4	21	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.111378	0.030792	0.000243	0.000092	1.795E-07
Story2	4	21	TH-LIMA-74-YY	NonDirHist	Min	-0.000717	0.176095	-0.078531	-0.000117	-0.000004	-1.191E-07
Story2	4	21	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.164263	0.054819	0.000279	0.000112	3.576E-07
Story2	4	21	TH-LIMA-66-YY	NonDirHist	Min	-0.00073	0.193062	-0.088716	-0.000199	-0.000012	-3.078E-07
Story2	4	21	TH-ICA-2007-YY	NonDirHist	Max	0.000514	0.168472	0.054744	0.000172	0.000112	0.000000205

Story2	4	21	TH-ICA-2007-YY	NonDirHist	Min	-0.000792	0.118521	-0.056976	-0.000197	0.000015	-1.571E-07
Story2	10	27	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.11136	0.016588	0.000236	0.000001	1.795E-07
Story2	10	27	TH-LIMA-74-YY	NonDirHist	Min	-0.000717	0.175975	-0.059302	-0.000125	-0.000001	-1.191E-07
Story2	10	27	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.164097	0.033206	0.000277	0.000001	3.576E-07
Story2	10	27	TH-LIMA-66-YY	NonDirHist	Min	-0.00073	0.192919	-0.066342	-0.000212	-0.000001	-3.078E-07
Story2	10	27	TH-ICA-2007-YY	NonDirHist	Max	0.000514	0.168454	0.033208	0.000165	0.000001	0.000000205
Story2	10	27	TH-ICA-2007-YY	NonDirHist	Min	-0.000792	0.118452	-0.044343	-0.000209	-0.000001	-1.571E-07
Story2	7	59	TH-LIMA-74-YY	NonDirHist	Max	0.000447	0.11136	0.037759	0.000229	0.000001	1.795E-07
Story2	7	59	TH-LIMA-74-YY	NonDirHist	Min	-0.000702	0.175975	-0.038321	-0.000132	-0.000002	-1.191E-07
Story2	7	59	TH-LIMA-66-YY	NonDirHist	Max	0.000477	0.164097	0.044815	0.000271	0.000001	3.576E-07
Story2	7	59	TH-LIMA-66-YY	NonDirHist	Min	-0.000768	0.192919	-0.05498	-0.000219	-0.000002	-3.078E-07
Story2	7	59	TH-ICA-2007-YY	NonDirHist	Max	0.000431	0.168454	0.022765	0.000159	0.000001	0.000000205
Story2	7	59	TH-ICA-2007-YY	NonDirHist	Min	-0.000779	0.118452	-0.05498	-0.000216	-0.000002	-1.571E-07
Story2	21	53	TH-LIMA-74-YY	NonDirHist	Max	0.000447	0.111378	0.058524	0.000256	0.000145	1.795E-07
Story2	21	53	TH-LIMA-74-YY	NonDirHist	Min	-0.000702	0.176095	-0.049531	-0.000114	0.000004	-1.191E-07
Story2	21	53	TH-LIMA-66-YY	NonDirHist	Max	0.000477	0.164263	0.068524	0.000292	0.000157	3.576E-07
Story2	21	53	TH-LIMA-66-YY	NonDirHist	Min	-0.000768	0.193062	-0.073224	-0.000197	-0.000027	-3.078E-07
Story2	21	53	TH-ICA-2007-YY	NonDirHist	Max	0.000431	0.168472	0.037212	0.000183	0.000117	0.000000205
Story2	21	53	TH-ICA-2007-YY	NonDirHist	Min	-0.000779	0.118521	-0.073181	-0.000196	-0.000027	-1.571E-07

Story2	14	76	TH-LIMA-74-YY	NonDirHist	Max	0.000428	0.111378	-0.087236	0.001221	0.001782	1.795E-07
Story2	14	76	TH-LIMA-74-YY	NonDirHist	Min	-0.000727	0.176095	-0.27053	0.000877	0.001553	-1.191E-07
Story2	14	76	TH-LIMA-66-YY	NonDirHist	Max	0.000519	0.164263	-0.046321	0.001256	0.001831	3.576E-07
Story2	14	76	TH-LIMA-66-YY	NonDirHist	Min	-0.00072	0.193062	-0.288237	0.000798	0.001533	-3.078E-07
Story2	14	76	TH-ICA-2007-YY	NonDirHist	Max	0.000544	0.168472	-0.04669	0.001153	0.001831	0.000000205
Story2	14	76	TH-ICA-2007-YY	NonDirHist	Min	-0.00081	0.118521	-0.234426	0.0008	0.001598	-1.571E-07
Story2	16	82	TH-LIMA-74-YY	NonDirHist	Max	0.000428	0.11136	-0.546404	0.003896	0.000021	1.795E-07
Story2	16	82	TH-LIMA-74-YY	NonDirHist	Min	-0.000727	0.175975	-0.684396	0.003621	0.000012	-1.191E-07
Story2	16	82	TH-LIMA-66-YY	NonDirHist	Max	0.000519	0.164097	-0.514728	0.00393	0.000022	3.576E-07
Story2	16	82	TH-LIMA-66-YY	NonDirHist	Min	-0.00072	0.192919	-0.699046	0.003555	0.00001	-3.078E-07
Story2	16	82	TH-ICA-2007-YY	NonDirHist	Max	0.000544	0.168454	-0.515393	0.003842	0.000019	0.000000205
Story2	16	82	TH-ICA-2007-YY	NonDirHist	Min	-0.00081	0.118452	-0.657217	0.003557	0.00001	-1.571E-07
Story2	32	116	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.111343	0.016685	0.000236	0.000001	1.795E-07
Story2	32	116	TH-LIMA-74-YY	NonDirHist	Min	-0.000717	0.175856	-0.059198	-0.000125	-0.000001	-1.191E-07
Story2	32	116	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.16393	0.03327	0.000277	0.000001	3.576E-07
Story2	32	116	TH-LIMA-66-YY	NonDirHist	Min	-0.00073	0.192777	-0.06624	-0.000212	-0.000001	-3.078E-07
Story2	32	116	TH-ICA-2007-YY	NonDirHist	Max	0.000514	0.168436	0.033314	0.000165	0.000001	0.000000205
Story2	32	116	TH-ICA-2007-YY	NonDirHist	Min	-0.000792	0.118383	-0.044248	-0.000209	-0.000001	-1.571E-07
Story2	33	118	TH-LIMA-74-YY	NonDirHist	Max	0.000447	0.111343	0.037749	0.000229	3.996E-07	1.795E-07

Story2	33	118	TH-LIMA-74-YY	NonDirHist	Min	-0.000702	0.175856	-0.038333	-0.000132	-0.000001	-1.191E-07
Story2	33	118	TH-LIMA-66-YY	NonDirHist	Max	0.000477	0.16393	0.044809	0.000271	3.821E-07	3.576E-07
Story2	33	118	TH-LIMA-66-YY	NonDirHist	Min	-0.000768	0.192777	-0.054962	-0.000219	-0.000001	-3.078E-07
Story2	33	118	TH-ICA-2007-YY	NonDirHist	Max	0.000431	0.168436	0.022762	0.000159	3.229E-07	0.000000205
Story2	33	118	TH-ICA-2007-YY	NonDirHist	Min	-0.000779	0.118383	-0.055005	-0.000215	-0.000001	-1.571E-07
Story2	34	123	TH-LIMA-74-YY	NonDirHist	Max	0.000428	0.111343	-0.547727	0.003905	-0.000017	1.795E-07
Story2	34	123	TH-LIMA-74-YY	NonDirHist	Min	-0.000727	0.175856	-0.685688	0.00363	-0.000025	-1.191E-07
Story2	34	123	TH-LIMA-66-YY	NonDirHist	Max	0.000519	0.16393	-0.516109	0.003939	-0.000015	3.576E-07
Story2	34	123	TH-LIMA-66-YY	NonDirHist	Min	-0.00072	0.192777	-0.700342	0.003564	-0.000026	-3.078E-07
Story2	34	123	TH-ICA-2007-YY	NonDirHist	Max	0.000544	0.168436	-0.516702	0.003851	-0.000015	0.000000205
Story2	34	123	TH-ICA-2007-YY	NonDirHist	Min	-0.00081	0.118383	-0.658529	0.003566	-0.000024	-1.571E-07
Story2	35	69	TH-LIMA-74-YY	NonDirHist	Max	0.000425	0.111326	0	0	0	1.795E-07
Story2	35	69	TH-LIMA-74-YY	NonDirHist	Min	-0.000717	0.175739	0	0	0	-1.191E-07
Story2	35	69	TH-LIMA-66-YY	NonDirHist	Max	0.000509	0.163768	0	0	0	3.576E-07
Story2	35	69	TH-LIMA-66-YY	NonDirHist	Min	-0.000731	0.192638	0	0	0	-3.078E-07
Story2	35	69	TH-ICA-2007-YY	NonDirHist	Max	0.000512	0.168418	0	0	0	0.000000205
Story2	35	69	TH-ICA-2007-YY	NonDirHist	Min	-0.000791	0.118316	0	0	0	-1.571E-07
Story2	36	41	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.111335	-0.01458	0.000498	-0.000001	1.795E-07
Story2	36	41	TH-LIMA-74-YY	NonDirHist	Min	-0.000718	0.175797	-0.03385	0.000118	-0.000005	-1.191E-07

Story2	36	41	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.163849	-0.010284	0.000538	-0.000001	3.576E-07
Story2	36	41	TH-LIMA-66-YY	NonDirHist	Min	-0.000729	0.192707	-0.035716	0.000029	-0.000005	-3.078E-07
Story2	36	41	TH-ICA-2007-YY	NonDirHist	Max	0.000516	0.168427	-0.01029	0.000422	-0.000001	0.000000205
Story2	36	41	TH-ICA-2007-YY	NonDirHist	Min	-0.000793	0.118349	-0.030056	0.000031	-0.000005	-1.571E-07
Story2	40	14	TH-LIMA-74-YY	NonDirHist	Max	0.00043	0.111326	-0.008727	0.000177	-0.000153	1.795E-07
Story2	40	14	TH-LIMA-74-YY	NonDirHist	Min	-0.000699	0.175736	-0.00878	-0.000106	-0.000155	-1.191E-07
Story2	40	14	TH-LIMA-66-YY	NonDirHist	Max	0.000493	0.163764	-0.008728	0.000203	-0.000153	3.576E-07
Story2	40	14	TH-LIMA-66-YY	NonDirHist	Min	-0.000749	0.192635	-0.008783	-0.000168	-0.000155	-3.078E-07
Story2	40	14	TH-ICA-2007-YY	NonDirHist	Max	0.000466	0.168417	-0.008736	0.000121	-0.000152	0.000000205
Story2	40	14	TH-ICA-2007-YY	NonDirHist	Min	-0.000769	0.118314	-0.008787	-0.000169	-0.000155	-1.571E-07
Story2	41	30	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.111335	-0.015605	0.000234	0.000005	1.795E-07
Story2	41	30	TH-LIMA-74-YY	NonDirHist	Min	-0.000717	0.175797	-0.030158	-0.000142	3.719E-07	-1.191E-07
Story2	41	30	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.163849	-0.012404	0.000274	0.000005	3.576E-07
Story2	41	30	TH-LIMA-66-YY	NonDirHist	Min	-0.00073	0.192707	-0.031521	-0.00023	3.681E-07	-3.078E-07
Story2	41	30	TH-ICA-2007-YY	NonDirHist	Max	0.000514	0.168427	-0.012389	0.000161	0.000006	0.000000205
Story2	41	30	TH-ICA-2007-YY	NonDirHist	Min	-0.000792	0.118349	-0.02729	-0.000228	0.000001	-1.571E-07
Story2	42	33	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.111326	0.030666	0.000242	0.000004	1.795E-07
Story2	42	33	TH-LIMA-74-YY	NonDirHist	Min	-0.000717	0.175736	-0.078072	-0.000117	-0.000092	-1.191E-07
Story2	42	33	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.163764	0.054447	0.000279	0.000012	3.576E-07

Story2	42	33	TH-LIMA-66-YY	NonDirHist	Min	-0.00073	0.192635	-0.08822	-0.000198	-0.000112	-3.078E-07
Story2	42	33	TH-ICA-2007-YY	NonDirHist	Max	0.000514	0.168417	0.054555	0.000172	-0.000015	0.000000205
Story2	42	33	TH-ICA-2007-YY	NonDirHist	Min	-0.000792	0.118314	-0.056663	-0.000198	-0.000113	-1.571E-07
Story2	43	65	TH-LIMA-74-YY	NonDirHist	Max	0.000447	0.111335	-0.006442	0.000276	0.000003	1.795E-07
Story2	43	65	TH-LIMA-74-YY	NonDirHist	Min	-0.000702	0.175797	-0.020678	-0.0001	0.000001	-1.191E-07
Story2	43	65	TH-LIMA-66-YY	NonDirHist	Max	0.000477	0.163849	-0.005126	0.000316	0.000004	3.576E-07
Story2	43	65	TH-LIMA-66-YY	NonDirHist	Min	-0.000768	0.192707	-0.023776	-0.000187	4.356E-08	-3.078E-07
Story2	43	65	TH-ICA-2007-YY	NonDirHist	Max	0.000431	0.168427	-0.009245	0.000203	0.000003	0.000000205
Story2	43	65	TH-ICA-2007-YY	NonDirHist	Min	-0.000779	0.118349	-0.023776	-0.000185	-2.936E-07	-1.571E-07
Story2	44	68	TH-LIMA-74-YY	NonDirHist	Max	0.000447	0.111326	0.059186	0.000237	-0.000002	1.795E-07
Story2	44	68	TH-LIMA-74-YY	NonDirHist	Min	-0.000702	0.175736	-0.049625	-0.000122	-0.000096	-1.191E-07
Story2	44	68	TH-LIMA-66-YY	NonDirHist	Max	0.000477	0.163764	0.069332	0.000273	0.000017	3.576E-07
Story2	44	68	TH-LIMA-66-YY	NonDirHist	Min	-0.000768	0.192635	-0.073405	-0.000204	-0.000104	-3.078E-07
Story2	44	68	TH-ICA-2007-YY	NonDirHist	Max	0.000431	0.168417	0.037765	0.000166	0.000018	0.000000205
Story2	44	68	TH-ICA-2007-YY	NonDirHist	Min	-0.000779	0.118314	-0.073503	-0.000203	-0.000078	-1.571E-07
Story2	45	85	TH-LIMA-74-YY	NonDirHist	Max	0.000428	0.111335	-0.539008	0.003814	-0.000215	1.795E-07
Story2	45	85	TH-LIMA-74-YY	NonDirHist	Min	-0.000727	0.175797	-0.647427	0.003357	-0.000232	-1.191E-07
Story2	45	85	TH-LIMA-66-YY	NonDirHist	Max	0.000519	0.163849	-0.514121	0.003862	-0.000215	3.576E-07
Story2	45	85	TH-LIMA-66-YY	NonDirHist	Min	-0.00072	0.192707	-0.658731	0.003252	-0.000235	-3.078E-07

Story2	45	85	TH-ICA-2007-YY	NonDirHist	Max	0.000544	0.168427	-0.514441	0.003723	-0.000218	0.000000205
Story2	45	85	TH-ICA-2007-YY	NonDirHist	Min	-0.00081	0.118349	-0.626007	0.003253	-0.000236	-1.571E-07
Story2	46	88	TH-LIMA-74-YY	NonDirHist	Max	0.000428	0.111326	-0.087022	0.001218	-0.001551	1.795E-07
Story2	46	88	TH-LIMA-74-YY	NonDirHist	Min	-0.000727	0.175736	-0.269602	0.000875	-0.00178	-1.191E-07
Story2	46	88	TH-LIMA-66-YY	NonDirHist	Max	0.000519	0.163764	-0.046467	0.001253	-0.001531	3.576E-07
Story2	46	88	TH-LIMA-66-YY	NonDirHist	Min	-0.00072	0.192635	-0.287271	0.000797	-0.001829	-3.078E-07
Story2	46	88	TH-ICA-2007-YY	NonDirHist	Max	0.000544	0.168417	-0.046544	0.001151	-0.001596	0.000000205
Story2	46	88	TH-ICA-2007-YY	NonDirHist	Min	-0.00081	0.118314	-0.233695	0.000798	-0.00183	-1.571E-07
Story2	47	142	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.111343	0.017453	0.000506	0.000001	1.795E-07
Story2	47	142	TH-LIMA-74-YY	NonDirHist	Min	-0.000718	0.175856	-0.062926	0.00015	-0.000002	-1.191E-07
Story2	47	142	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.16393	0.035121	0.000549	0.000001	3.576E-07
Story2	47	142	TH-LIMA-66-YY	NonDirHist	Min	-0.000729	0.192777	-0.070492	0.000064	-0.000002	-3.078E-07
Story2	47	142	TH-ICA-2007-YY	NonDirHist	Max	0.000516	0.168436	0.035124	0.000436	0.000001	0.000000205
Story2	47	142	TH-ICA-2007-YY	NonDirHist	Min	-0.000793	0.118383	-0.047097	0.000068	-0.000002	-1.571E-07
Story2	49	126	TH-LIMA-74-YY	NonDirHist	Max	0.00043	0.111343	-0.010439	0.000131	-0.000003	1.795E-07
Story2	49	126	TH-LIMA-74-YY	NonDirHist	Min	-0.000699	0.175856	-0.010496	-0.000076	-0.000005	-1.191E-07
Story2	49	126	TH-LIMA-66-YY	NonDirHist	Max	0.000493	0.16393	-0.010434	0.000149	-0.000003	3.576E-07
Story2	49	126	TH-LIMA-66-YY	NonDirHist	Min	-0.000749	0.192777	-0.01051	-0.00012	-0.000005	-3.078E-07
Story2	49	126	TH-ICA-2007-YY	NonDirHist	Max	0.000466	0.168436	-0.010452	0.00009	-0.000003	0.000000205

Story2	49	126	TH-ICA-2007-YY	NonDirHist	Min	-0.000769	0.118383	-0.010512	-0.000121	-0.000005	-1.571E-07
Story2	61	37	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.111369	-0.014514	0.000498	0.000003	1.795E-07
Story2	61	37	TH-LIMA-74-YY	NonDirHist	Min	-0.000718	0.176034	-0.033975	0.000118	1.384E-07	-1.191E-07
Story2	61	37	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.164178	-0.0102	0.000539	0.000003	3.576E-07
Story2	61	37	TH-LIMA-66-YY	NonDirHist	Min	-0.000729	0.192989	-0.035838	0.000029	-0.000001	-3.078E-07
Story2	61	37	TH-ICA-2007-YY	NonDirHist	Max	0.000516	0.168463	-0.010232	0.000423	0.000002	0.000000205
Story2	61	37	TH-ICA-2007-YY	NonDirHist	Min	-0.000793	0.118486	-0.030142	0.000031	-0.000001	-1.571E-07
Story2	62	22	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.111369	-0.015539	0.000235	-0.000002	1.795E-07
Story2	62	22	TH-LIMA-74-YY	NonDirHist	Min	-0.000717	0.176034	-0.030273	-0.000142	-0.000005	-1.191E-07
Story2	62	22	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.164178	-0.012326	0.000275	-0.000001	3.576E-07
Story2	62	22	TH-LIMA-66-YY	NonDirHist	Min	-0.00073	0.192989	-0.031635	-0.00023	-0.000006	-3.078E-07
Story2	62	22	TH-ICA-2007-YY	NonDirHist	Max	0.000514	0.168463	-0.012331	0.000161	-0.000003	0.000000205
Story2	62	22	TH-ICA-2007-YY	NonDirHist	Min	-0.000792	0.118486	-0.02737	-0.000228	-0.000006	-1.571E-07
Story2	63	54	TH-LIMA-74-YY	NonDirHist	Max	0.000447	0.111369	-0.006929	0.000277	-4.804E-07	1.795E-07
Story2	63	54	TH-LIMA-74-YY	NonDirHist	Min	-0.000702	0.176034	-0.020662	-0.0001	-0.000007	-1.191E-07
Story2	63	54	TH-LIMA-66-YY	NonDirHist	Max	0.000477	0.164178	-0.005645	0.000317	2.049E-07	3.576E-07
Story2	63	54	TH-LIMA-66-YY	NonDirHist	Min	-0.000768	0.192989	-0.023689	-0.000187	-0.000007	-3.078E-07
Story2	63	54	TH-ICA-2007-YY	NonDirHist	Max	0.000431	0.168463	-0.009637	0.000203	3.128E-07	0.000000205
Story2	63	54	TH-ICA-2007-YY	NonDirHist	Min	-0.000779	0.118486	-0.023698	-0.000185	-0.000006	-1.571E-07

Story2	64	79	TH-LIMA-74-YY	NonDirHist	Max	0.000428	0.111369	-0.539254	0.003816	0.000199	1.795E-07
Story2	64	79	TH-LIMA-74-YY	NonDirHist	Min	-0.000727	0.176034	-0.648	0.003359	0.000182	-1.191E-07
Story2	64	79	TH-LIMA-66-YY	NonDirHist	Max	0.000519	0.164178	-0.514241	0.003865	0.000202	3.576E-07
Story2	64	79	TH-LIMA-66-YY	NonDirHist	Min	-0.00072	0.192989	-0.65931	0.003253	0.000182	-3.078E-07
Story2	64	79	TH-ICA-2007-YY	NonDirHist	Max	0.000544	0.168463	-0.514676	0.003726	0.000202	0.000000205
Story2	64	79	TH-ICA-2007-YY	NonDirHist	Min	-0.00081	0.118486	-0.626495	0.003255	0.000185	-1.571E-07
Story2	65	144	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.111352	-0.012722	0.00051	2.837E-09	1.795E-07
Story2	65	144	TH-LIMA-74-YY	NonDirHist	Min	-0.000718	0.175915	-0.033817	0.000129	-0.000001	-1.191E-07
Story2	65	144	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.164014	-0.008039	0.000551	3.068E-08	3.576E-07
Story2	65	144	TH-LIMA-66-YY	NonDirHist	Min	-0.000729	0.192848	-0.035842	0.00004	-0.000002	-3.078E-07
Story2	65	144	TH-ICA-2007-YY	NonDirHist	Max	0.000516	0.168445	-0.008059	0.000434	7.606E-08	0.000000205
Story2	65	144	TH-ICA-2007-YY	NonDirHist	Min	-0.000793	0.118418	-0.029663	0.000042	-0.000002	-1.571E-07
Story2	66	131	TH-LIMA-74-YY	NonDirHist	Max	0.000426	0.111352	-0.013703	0.000236	1.476E-07	1.795E-07
Story2	66	131	TH-LIMA-74-YY	NonDirHist	Min	-0.000717	0.175915	-0.030074	-0.000141	-0.000001	-1.191E-07
Story2	66	131	TH-LIMA-66-YY	NonDirHist	Max	0.00051	0.164014	-0.01012	0.000276	1.809E-07	3.576E-07
Story2	66	131	TH-LIMA-66-YY	NonDirHist	Min	-0.00073	0.192848	-0.031595	-0.000229	-0.000002	-3.078E-07
Story2	66	131	TH-ICA-2007-YY	NonDirHist	Max	0.000514	0.168445	-0.010116	0.000162	2.336E-07	0.000000205
Story2	66	131	TH-ICA-2007-YY	NonDirHist	Min	-0.000792	0.118418	-0.026848	-0.000227	-0.000002	-1.571E-07
Story2	67	133	TH-LIMA-74-YY	NonDirHist	Max	0.000447	0.111352	-0.004506	0.000276	0.000001	1.795E-07

Story2	67	133	TH-LIMA-74-YY	NonDirHist	Min	-0.000702	0.175915	-0.020459	-0.0001	-0.000001	-1.191E-07
Story2	67	133	TH-LIMA-66-YY	NonDirHist	Max	0.000477	0.164014	-0.003024	0.000316	0.000001	3.576E-07
Story2	67	133	TH-LIMA-66-YY	NonDirHist	Min	-0.000768	0.192848	-0.023951	-0.000187	-0.000001	-3.078E-07
Story2	67	133	TH-ICA-2007-YY	NonDirHist	Max	0.000431	0.168445	-0.007649	0.000203	0.000001	0.000000205
Story2	67	133	TH-ICA-2007-YY	NonDirHist	Min	-0.000779	0.118418	-0.023955	-0.000185	-0.000001	-1.571E-07
Story2	68	138	TH-LIMA-74-YY	NonDirHist	Max	0.000428	0.111352	-0.562461	0.004003	-0.000007	1.795E-07
Story2	68	138	TH-LIMA-74-YY	NonDirHist	Min	-0.000727	0.175915	-0.672932	0.003546	-0.000007	-1.191E-07
Story2	68	138	TH-LIMA-66-YY	NonDirHist	Max	0.000519	0.164014	-0.537002	0.004053	-0.000006	3.576E-07
Story2	68	138	TH-LIMA-66-YY	NonDirHist	Min	-0.00072	0.192848	-0.684582	0.00344	-0.000007	-3.078E-07
Story2	68	138	TH-ICA-2007-YY	NonDirHist	Max	0.000544	0.168445	-0.53744	0.003913	-0.000006	0.000000205
Story2	68	138	TH-ICA-2007-YY	NonDirHist	Min	-0.00081	0.118418	-0.651097	0.003442	-0.000007	-1.571E-07
Story2	3	43	TH-LIMA-74-YY	NonDirHist	Max	0.000454	0.11129	0.062962	0.000271	0.000145	0.000002
Story2	3	43	TH-LIMA-74-YY	NonDirHist	Min	-0.000706	0.175961	-0.05147	-0.000116	-0.000002	-0.000001
Story2	3	43	TH-LIMA-66-YY	NonDirHist	Max	0.000482	0.164138	0.073588	0.000309	0.000158	0.000002
Story2	3	43	TH-LIMA-66-YY	NonDirHist	Min	-0.000775	0.192918	-0.076591	-0.000203	-0.000034	-0.000002
Story2	3	43	TH-ICA-2007-YY	NonDirHist	Max	0.000432	0.168343	0.040394	0.000195	0.000116	0.000001
Story2	3	43	TH-ICA-2007-YY	NonDirHist	Min	-0.000782	0.118432	-0.076534	-0.000202	-0.000035	-0.000002
Story2	5	49	TH-LIMA-74-YY	NonDirHist	Max	0.00043	0.111272	-0.008643	0.000177	-0.000153	1.813E-07
Story2	5	49	TH-LIMA-74-YY	NonDirHist	Min	-0.000699	0.175654	-0.008955	-0.000106	-0.000155	-1.209E-07

Story2	5	49	TH-LIMA-66-YY	NonDirHist	Max	0.000493	0.163687	-0.008567	0.000203	-0.000153	3.602E-07
Story2	5	49	TH-LIMA-66-YY	NonDirHist	Min	-0.000749	0.192546	-0.008989	-0.000168	-0.000155	-3.122E-07
Story2	5	49	TH-ICA-2007-YY	NonDirHist	Max	0.000466	0.168337	-0.008565	0.000121	-0.000152	2.078E-07
Story2	5	49	TH-ICA-2007-YY	NonDirHist	Min	-0.000769	-0.11826	-0.008892	-0.000169	-0.000155	-1.604E-07
Story2	9	169	TH-LIMA-74-YY	NonDirHist	Max	0.000428	0.111352	0	0	0	1.795E-07
Story2	9	169	TH-LIMA-74-YY	NonDirHist	Min	-0.000701	0.175916	0	0	0	-1.191E-07
Story2	9	169	TH-LIMA-66-YY	NonDirHist	Max	0.000495	0.164014	0	0	0	3.576E-07
Story2	9	169	TH-LIMA-66-YY	NonDirHist	Min	-0.000747	0.192848	0	0	0	-3.078E-07
Story2	9	169	TH-ICA-2007-YY	NonDirHist	Max	0.00047	0.168445	0	0	0	0.000000205
Story2	9	169	TH-ICA-2007-YY	NonDirHist	Min	-0.000768	0.118418	0	0	0	-1.571E-07
Story1	37	3	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055357	0.014116	0.000612	0.000002	6.68E-08
Story1	37	3	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	0.085092	-0.044107	0.00007	2.092E-07	-6.155E-08
Story1	37	3	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.07663	0.025755	0.000635	0.000002	1.456E-07
Story1	37	3	TH-LIMA-66-YY	NonDirHist	Min	-0.000309	0.089047	-0.048455	-0.000018	-1.622E-07	-1.409E-07
Story1	37	3	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080688	0.026229	0.000502	0.000002	7.727E-08
Story1	37	3	TH-ICA-2007-YY	NonDirHist	Min	-0.000315	0.056593	-0.032533	-0.00003	-1.047E-07	-7.523E-08
Story1	1	4	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055365	-0.004989	0.000149	0.000226	6.68E-08
Story1	1	4	TH-LIMA-74-YY	NonDirHist	Min	-0.000269	0.085124	-0.005708	-0.000094	0.000224	-6.155E-08
Story1	1	4	TH-LIMA-66-YY	NonDirHist	Max	0.000236	0.076704	-0.004844	0.000166	0.000226	1.456E-07

Story1	1	4	TH-LIMA-66-YY	NonDirHist	Min	-0.000273	0.089094	-0.005763	-0.000141	0.000224	-1.409E-07
Story1	1	4	TH-ICA-2007-YY	NonDirHist	Max	0.000244	0.080696	-0.004841	0.000101	0.000226	7.727E-08
Story1	1	4	TH-ICA-2007-YY	NonDirHist	Min	-0.000302	0.056607	-0.005565	-0.000144	0.000224	-7.523E-08
Story1	2	10	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055357	-0.006403	0.000085	0.000007	6.68E-08
Story1	2	10	TH-LIMA-74-YY	NonDirHist	Min	-0.000269	0.085092	-0.006433	-0.000051	0.000006	-6.155E-08
Story1	2	10	TH-LIMA-66-YY	NonDirHist	Max	0.000236	0.07663	-0.006399	0.000096	0.000007	1.456E-07
Story1	2	10	TH-LIMA-66-YY	NonDirHist	Min	-0.000273	0.089047	-0.006439	-0.000079	0.000005	-1.409E-07
Story1	2	10	TH-ICA-2007-YY	NonDirHist	Max	0.000244	0.080688	-0.00641	0.000058	0.000007	7.727E-08
Story1	2	10	TH-ICA-2007-YY	NonDirHist	Min	-0.000302	0.056593	-0.006439	-0.000079	0.000005	-7.523E-08
Story1	4	23	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055365	0.023794	0.000278	0.000084	6.68E-08
Story1	4	23	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	0.085124	-0.055212	-0.00014	0.000019	-6.155E-08
Story1	4	23	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.076704	0.039748	0.000299	0.000097	1.456E-07
Story1	4	23	TH-LIMA-66-YY	NonDirHist	Min	-0.000308	0.089094	-0.061229	-0.000213	0.000013	-1.409E-07
Story1	4	23	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080696	0.040291	0.000194	0.000097	7.727E-08
Story1	4	23	TH-ICA-2007-YY	NonDirHist	Min	-0.000314	0.056607	-0.039512	-0.000221	0.000031	-7.523E-08
Story1	10	28	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055357	0.012365	0.000342	0.000001	6.68E-08
Story1	10	28	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	0.085092	-0.03905	-0.000203	-0.000001	-6.155E-08
Story1	10	28	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.07663	0.022891	0.000364	0.000001	1.456E-07
Story1	10	28	TH-LIMA-66-YY	NonDirHist	Min	-0.000308	0.089047	-0.043121	-0.000293	-0.000001	-1.409E-07

Story1	10	28	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080688	0.023205	0.000232	0.000001	7.727E-08
Story1	10	28	TH-ICA-2007-YY	NonDirHist	Min	-0.000314	0.056593	-0.028852	-0.000306	-0.000001	-7.523E-08
Story1	7	64	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055357	0.026162	0.000337	0.000001	6.68E-08
Story1	7	64	TH-LIMA-74-YY	NonDirHist	Min	-0.000257	0.085092	-0.025362	-0.000209	-0.000001	-6.155E-08
Story1	7	64	TH-LIMA-66-YY	NonDirHist	Max	0.00023	0.07663	0.030241	0.000359	0.000001	1.456E-07
Story1	7	64	TH-LIMA-66-YY	NonDirHist	Min	-0.000272	0.089047	-0.035912	-0.000298	-0.000001	-1.409E-07
Story1	7	64	TH-ICA-2007-YY	NonDirHist	Max	0.000229	0.080688	0.015943	0.000227	0.000001	7.727E-08
Story1	7	64	TH-ICA-2007-YY	NonDirHist	Min	-0.0003	0.056593	-0.036225	-0.000311	-0.000001	-7.523E-08
Story1	21	57	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055365	0.043118	0.00026	0.000119	6.68E-08
Story1	21	57	TH-LIMA-74-YY	NonDirHist	Min	-0.000257	0.085124	-0.035633	-0.000123	0.00002	-6.155E-08
Story1	21	57	TH-LIMA-66-YY	NonDirHist	Max	0.00023	0.076704	0.049213	0.000283	0.000128	1.456E-07
Story1	21	57	TH-LIMA-66-YY	NonDirHist	Min	-0.000272	0.089094	-0.051644	-0.000194	-0.000002	-1.409E-07
Story1	21	57	TH-ICA-2007-YY	NonDirHist	Max	0.000229	0.080696	0.027477	0.000183	0.0001	7.727E-08
Story1	21	57	TH-ICA-2007-YY	NonDirHist	Min	-0.0003	0.056607	-0.05215	-0.000199	-0.000002	-7.523E-08
Story1	14	74	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055365	-0.08859	0.001259	0.001743	6.68E-08
Story1	14	74	TH-LIMA-74-YY	NonDirHist	Min	-0.000289	0.085124	-0.255092	0.000849	0.001592	-6.155E-08
Story1	14	74	TH-LIMA-66-YY	NonDirHist	Max	0.000246	0.076704	-0.057464	0.001278	0.001775	1.456E-07
Story1	14	74	TH-LIMA-66-YY	NonDirHist	Min	-0.000327	0.089094	-0.265378	0.000778	0.00158	-1.409E-07
Story1	14	74	TH-ICA-2007-YY	NonDirHist	Max	0.000267	0.080696	-0.055235	0.001176	0.001775	7.727E-08

Story1	14	74	TH-ICA-2007-YY	NonDirHist	Min	-0.000325	0.056607	-0.221783	0.00077	0.001622	-7.523E-08
Story1	16	80	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055357	-0.532722	0.003997	0.000021	6.68E-08
Story1	16	80	TH-LIMA-74-YY	NonDirHist	Min	-0.000289	0.085092	-0.686269	0.003537	0.000015	-6.155E-08
Story1	16	80	TH-LIMA-66-YY	NonDirHist	Max	0.000246	0.07663	-0.505773	0.004016	0.000021	1.456E-07
Story1	16	80	TH-LIMA-66-YY	NonDirHist	Min	-0.000327	0.089047	-0.694448	0.003463	0.000013	-1.409E-07
Story1	16	80	TH-ICA-2007-YY	NonDirHist	Max	0.000267	0.080688	-0.502968	0.003904	0.000019	7.727E-08
Story1	16	80	TH-ICA-2007-YY	NonDirHist	Min	-0.000325	0.056593	-0.655333	0.003451	0.000013	-7.523E-08
Story1	32	117	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055348	0.01243	0.000342	0.000001	6.68E-08
Story1	32	117	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	-0.08506	-0.038981	-0.000203	-0.000001	-6.155E-08
Story1	32	117	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.076557	0.022934	0.000364	0.000001	1.456E-07
Story1	32	117	TH-LIMA-66-YY	NonDirHist	Min	-0.000308	0.089001	-0.043052	-0.000292	-0.000001	-1.409E-07
Story1	32	117	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080681	0.023275	0.000232	0.000001	7.727E-08
Story1	32	117	TH-ICA-2007-YY	NonDirHist	Min	-0.000314	0.056579	-0.028788	-0.000305	-0.000001	-7.523E-08
Story1	33	120	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055348	0.026155	0.000337	0.000001	6.68E-08
Story1	33	120	TH-LIMA-74-YY	NonDirHist	Min	-0.000257	-0.08506	-0.025369	-0.000209	-0.000001	-6.155E-08
Story1	33	120	TH-LIMA-66-YY	NonDirHist	Max	0.00023	0.076557	0.030236	0.000358	0.000001	1.456E-07
Story1	33	120	TH-LIMA-66-YY	NonDirHist	Min	-0.000272	0.089001	-0.035898	-0.000298	-0.000001	-1.409E-07
Story1	33	120	TH-ICA-2007-YY	NonDirHist	Max	0.000229	0.080681	0.015941	0.000227	0.000001	7.727E-08
Story1	33	120	TH-ICA-2007-YY	NonDirHist	Min	-0.0003	0.056579	-0.03624	-0.000311	-0.000001	-7.523E-08
Story1	34	121	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055348	-0.534078	0.004006	-0.000019	6.68E-08
Story1	34	121	TH-LIMA-74-YY	NonDirHist	Min	-0.000289	-0.08506	-0.687622	0.003546	-0.000025	-6.155E-08

Story1	34	121	TH-LIMA-66-YY	NonDirHist	Max	0.000246	0.076557	-0.507192	0.004025	-0.000018	1.456E-07
Story1	34	121	TH-LIMA-66-YY	NonDirHist	Min	-0.000327	-0.089001	-0.695792	0.003472	-0.000025	-1.409E-07
Story1	34	121	TH-ICA-2007-YY	NonDirHist	Max	0.000267	0.080681	-0.50431	0.003913	-0.000018	7.727E-08
Story1	34	121	TH-ICA-2007-YY	NonDirHist	Min	-0.000325	-0.056579	-0.6567	0.00346	-0.000023	-7.523E-08
Story1	35	71	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.05534	0	0	0	6.68E-08
Story1	35	71	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	-0.085029	0	0	0	-6.155E-08
Story1	35	71	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.076485	0	0	0	1.456E-07
Story1	35	71	TH-LIMA-66-YY	NonDirHist	Min	-0.000307	-0.088956	0	0	0	-1.409E-07
Story1	35	71	TH-ICA-2007-YY	NonDirHist	Max	0.000258	0.080674	0	0	0	7.727E-08
Story1	35	71	TH-ICA-2007-YY	NonDirHist	Min	-0.000313	-0.056565	0	0	0	-7.523E-08
Story1	36	40	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055344	-0.008455	0.00055	-0.000001	6.68E-08
Story1	36	40	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	-0.085044	-0.023091	0.000065	-0.000005	-6.155E-08
Story1	36	40	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.07652	-0.005552	0.000574	-0.000001	1.456E-07
Story1	36	40	TH-LIMA-66-YY	NonDirHist	Min	-0.000309	-0.088978	-0.024163	-0.000019	-0.000005	-1.409E-07
Story1	36	40	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080677	-0.005406	0.000452	-0.000001	7.727E-08
Story1	36	40	TH-ICA-2007-YY	NonDirHist	Min	-0.000315	-0.056572	-0.020178	-0.00003	-0.000004	-7.523E-08
Story1	40	16	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.05534	-0.005241	0.000138	-0.000237	6.68E-08
Story1	40	16	TH-LIMA-74-YY	NonDirHist	Min	-0.000269	-0.085028	-0.005283	-0.000085	-0.000239	-6.155E-08
Story1	40	16	TH-LIMA-66-YY	NonDirHist	Max	0.000236	0.076483	-0.005241	0.000154	-0.000236	1.456E-07

Story1	40	16	TH-LIMA-66-YY	NonDirHist	Min	-0.000273	0.088955	-0.005287	-0.000128	-0.000239	-1.409E-07
Story1	40	16	TH-ICA-2007-YY	NonDirHist	Max	0.000244	0.080673	-0.00525	0.000093	-0.000237	7.727E-08
Story1	40	16	TH-ICA-2007-YY	NonDirHist	Min	-0.000302	0.056565	-0.005288	-0.000131	-0.000239	-7.523E-08
Story1	41	31	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055344	-0.010146	0.000287	0.000005	6.68E-08
Story1	41	31	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	0.085044	-0.018736	-0.000196	0.000002	-6.155E-08
Story1	41	31	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.07652	-0.008284	0.000311	0.000005	1.456E-07
Story1	41	31	TH-LIMA-66-YY	NonDirHist	Min	-0.000308	0.088978	-0.019515	-0.000279	0.000002	-1.409E-07
Story1	41	31	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080677	-0.008263	0.00019	0.000005	7.727E-08
Story1	41	31	TH-ICA-2007-YY	NonDirHist	Min	-0.000314	0.056572	-0.017041	-0.000289	0.000002	-7.523E-08
Story1	42	34	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.05534	0.023753	0.000278	-0.000018	6.68E-08
Story1	42	34	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	0.085028	-0.054999	-0.000141	-0.000084	-6.155E-08
Story1	42	34	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.076483	0.039563	0.000299	-0.000012	1.456E-07
Story1	42	34	TH-LIMA-66-YY	NonDirHist	Min	-0.000308	0.088955	-0.060995	-0.000213	-0.000098	-1.409E-07
Story1	42	34	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080673	0.04024	0.000194	-0.000031	7.727E-08
Story1	42	34	TH-ICA-2007-YY	NonDirHist	Min	-0.000314	0.056565	-0.039369	-0.000222	-0.000099	-7.523E-08
Story1	43	67	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055344	-0.004463	0.000347	0.000003	6.68E-08
Story1	43	67	TH-LIMA-74-YY	NonDirHist	Min	-0.000257	0.085044	-0.012866	-0.000135	0.000001	-6.155E-08
Story1	43	67	TH-LIMA-66-YY	NonDirHist	Max	0.00023	0.07652	-0.003713	0.000371	0.000003	1.456E-07
Story1	43	67	TH-LIMA-66-YY	NonDirHist	Min	-0.000272	0.088978	-0.014666	-0.000217	0.000001	-1.409E-07

Story1	43	67	TH-ICA-2007-YY	NonDirHist	Max	0.000229	0.080677	-0.00612	0.000251	0.000003	7.727E-08
Story1	43	67	TH-ICA-2007-YY	NonDirHist	Min	-0.0003	0.056572	-0.014678	-0.000227	0.000001	-7.523E-08
Story1	44	73	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.05534	0.043511	0.000271	-0.000016	6.68E-08
Story1	44	73	TH-LIMA-74-YY	NonDirHist	Min	-0.000257	0.085028	-0.035281	-0.000148	-0.000081	-6.155E-08
Story1	44	73	TH-LIMA-66-YY	NonDirHist	Max	0.00023	0.076483	0.049504	0.000292	-0.000003	1.456E-07
Story1	44	73	TH-LIMA-66-YY	NonDirHist	Min	-0.000272	0.088955	-0.051088	-0.000221	-0.000086	-1.409E-07
Story1	44	73	TH-ICA-2007-YY	NonDirHist	Max	0.000229	0.080673	0.027875	0.000187	-0.000003	7.727E-08
Story1	44	73	TH-ICA-2007-YY	NonDirHist	Min	-0.0003	0.056565	-0.051759	-0.000229	-0.000068	-7.523E-08
Story1	45	83	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055344	-0.5243	0.003862	-0.000219	6.68E-08
Story1	45	83	TH-LIMA-74-YY	NonDirHist	Min	-0.000289	0.085044	-0.646491	0.003316	-0.000231	-6.155E-08
Story1	45	83	TH-LIMA-66-YY	NonDirHist	Max	0.000246	0.07652	-0.502691	0.00389	-0.000218	1.456E-07
Story1	45	83	TH-LIMA-66-YY	NonDirHist	Min	-0.000327	0.088978	-0.652997	0.003221	-0.00023	-1.409E-07
Story1	45	83	TH-ICA-2007-YY	NonDirHist	Max	0.000267	0.080677	-0.500354	0.003752	-0.000218	7.727E-08
Story1	45	83	TH-ICA-2007-YY	NonDirHist	Min	-0.000325	0.056572	-0.621846	0.00321	-0.000228	-7.523E-08
Story1	46	86	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.05534	-0.088201	0.001257	-0.001589	6.68E-08
Story1	46	86	TH-LIMA-74-YY	NonDirHist	Min	-0.000289	0.085028	-0.254626	0.000847	-0.001742	-6.155E-08
Story1	46	86	TH-LIMA-66-YY	NonDirHist	Max	0.000246	0.076483	-0.057309	0.001277	-0.001577	1.456E-07
Story1	46	86	TH-LIMA-66-YY	NonDirHist	Min	-0.000327	0.088955	-0.264878	0.000776	-0.001773	-1.409E-07
Story1	46	86	TH-ICA-2007-YY	NonDirHist	Max	0.000267	0.080673	-0.054812	0.001174	-0.001619	7.727E-08

Story1	46	86	TH-ICA-2007-YY	NonDirHist	Min	-0.000325	0.056565	-0.221372	0.000767	-0.001774	-7.523E-08
Story1	47	141	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055348	0.014179	0.000612	2.237E-07	6.68E-08
Story1	47	141	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	-0.08506	-0.044037	0.00007	-0.000002	-6.155E-08
Story1	47	141	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.076557	0.025792	0.000635	3.115E-07	1.456E-07
Story1	47	141	TH-LIMA-66-YY	NonDirHist	Min	-0.000309	0.089001	-0.048385	-0.000017	-0.000002	-1.409E-07
Story1	47	141	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080681	0.026297	0.000502	0.000000366	7.727E-08
Story1	47	141	TH-ICA-2007-YY	NonDirHist	Min	-0.000315	0.056579	-0.03247	-0.00003	-0.000002	-7.523E-08
Story1	49	128	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055348	-0.006391	0.000085	-0.000005	6.68E-08
Story1	49	128	TH-LIMA-74-YY	NonDirHist	Min	-0.000269	-0.08506	-0.006423	-0.000051	-0.000006	-6.155E-08
Story1	49	128	TH-LIMA-66-YY	NonDirHist	Max	0.000236	0.076557	-0.006387	0.000096	-0.000004	1.456E-07
Story1	49	128	TH-LIMA-66-YY	NonDirHist	Min	-0.000273	0.089001	-0.006429	-0.000079	-0.000006	-1.409E-07
Story1	49	128	TH-ICA-2007-YY	NonDirHist	Max	0.000244	0.080681	-0.006398	0.000058	-0.000004	7.727E-08
Story1	49	128	TH-ICA-2007-YY	NonDirHist	Min	-0.000302	0.056579	-0.006429	-0.00008	-0.000006	-7.523E-08
Story1	61	36	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055361	-0.008416	0.000551	0.000003	6.68E-08
Story1	61	36	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	0.085108	-0.023162	0.000065	-4.878E-08	-6.155E-08
Story1	61	36	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.076666	-0.005503	0.000575	0.000003	1.456E-07
Story1	61	36	TH-LIMA-66-YY	NonDirHist	Min	-0.000309	-0.08907	-0.024232	-0.00002	-0.000001	-1.409E-07
Story1	61	36	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080692	-0.005377	0.000452	0.000002	7.727E-08
Story1	61	36	TH-ICA-2007-YY	NonDirHist	Min	-0.000315	-0.0566	-0.020227	-0.000029	-0.000001	-7.523E-08
Story1	62	25	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055361	-0.010106	0.000288	-0.000003	6.68E-08
Story1	62	25	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	0.085108	-0.018802	-0.000196	-0.000005	-6.155E-08

Story1	62	25	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.076666	-0.00824	0.000311	-0.000002	1.456E-07
Story1	62	25	TH-LIMA-66-YY	NonDirHist	Min	-0.000308	-0.08907	-0.019577	-0.000279	-0.000006	-1.409E-07
Story1	62	25	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080692	-0.008231	0.000191	-0.000003	7.727E-08
Story1	62	25	TH-ICA-2007-YY	NonDirHist	Min	-0.000314	-0.0566	-0.017086	-0.000289	-0.000006	-7.523E-08
Story1	63	58	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055361	-0.004751	0.000348	-0.000001	6.68E-08
Story1	63	58	TH-LIMA-74-YY	NonDirHist	Min	-0.000257	0.085108	-0.012862	-0.000135	-0.000005	-6.155E-08
Story1	63	58	TH-LIMA-66-YY	NonDirHist	Max	0.00023	0.076666	-0.004017	0.000371	-0.000001	1.456E-07
Story1	63	58	TH-LIMA-66-YY	NonDirHist	Min	-0.000272	-0.08907	-0.014625	-0.000218	-0.000005	-1.409E-07
Story1	63	58	TH-ICA-2007-YY	NonDirHist	Max	0.000229	0.080692	-0.006353	0.000251	-0.000001	7.727E-08
Story1	63	58	TH-ICA-2007-YY	NonDirHist	Min	-0.0003	-0.0566	-0.014641	-0.000227	-0.000005	-7.523E-08
Story1	64	77	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055361	-0.524569	0.003865	0.000198	6.68E-08
Story1	64	77	TH-LIMA-74-YY	NonDirHist	Min	-0.000289	0.085108	-0.646938	0.003318	0.000186	-6.155E-08
Story1	64	77	TH-LIMA-66-YY	NonDirHist	Max	0.000246	0.076666	-0.502842	0.003893	0.000198	1.456E-07
Story1	64	77	TH-LIMA-66-YY	NonDirHist	Min	-0.000327	-0.08907	-0.653462	0.003223	0.000185	-1.409E-07
Story1	64	77	TH-ICA-2007-YY	NonDirHist	Max	0.000267	0.080692	-0.50063	0.003754	0.000196	7.727E-08
Story1	64	77	TH-ICA-2007-YY	NonDirHist	Min	-0.000325	-0.0566	-0.62224	0.003212	0.000185	-7.523E-08
Story1	65	143	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055352	-0.007365	0.000564	5.116E-08	6.68E-08
Story1	65	143	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	0.085076	-0.023023	0.000077	-0.000001	-6.155E-08
Story1	65	143	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.076593	-0.004246	0.000588	0.000000153	1.456E-07
Story1	65	143	TH-LIMA-66-YY	NonDirHist	Min	-0.000309	0.089024	-0.024182	-0.000008	-0.000001	-1.409E-07
Story1	65	143	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080685	-0.004108	0.000465	1.534E-07	7.727E-08

Story1	65	143	TH-ICA-2007-YY	NonDirHist	Min	-0.000315	0.056586	-0.019907	-0.000018	-0.000001	-7.523E-08
Story1	66	132	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055352	-0.009007	0.00029	1.983E-07	6.68E-08
Story1	66	132	TH-LIMA-74-YY	NonDirHist	Min	-0.000282	0.085076	-0.0186	-0.000194	-0.000001	-6.155E-08
Story1	66	132	TH-LIMA-66-YY	NonDirHist	Max	0.000243	0.076593	-0.006935	0.000314	3.095E-07	1.456E-07
Story1	66	132	TH-LIMA-66-YY	NonDirHist	Min	-0.000308	0.089024	-0.019465	-0.000278	-0.000001	-1.409E-07
Story1	66	132	TH-ICA-2007-YY	NonDirHist	Max	0.000259	0.080685	-0.006921	0.000193	3.117E-07	7.727E-08
Story1	66	132	TH-ICA-2007-YY	NonDirHist	Min	-0.000314	0.056586	-0.016708	-0.000287	-0.000001	-7.523E-08
Story1	67	135	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055352	-0.003333	0.000347	0.000001	6.68E-08
Story1	67	135	TH-LIMA-74-YY	NonDirHist	Min	-0.000257	0.085076	-0.012678	-0.000136	-0.000001	-6.155E-08
Story1	67	135	TH-LIMA-66-YY	NonDirHist	Max	0.00023	0.076593	-0.00249	0.000371	0.000001	1.456E-07
Story1	67	135	TH-LIMA-66-YY	NonDirHist	Min	-0.000272	0.089024	-0.014697	-0.000219	-0.000001	-1.409E-07
Story1	67	135	TH-ICA-2007-YY	NonDirHist	Max	0.000229	0.080685	-0.005176	0.00025	0.000001	7.727E-08
Story1	67	135	TH-ICA-2007-YY	NonDirHist	Min	-0.0003	0.056586	-0.014711	-0.000229	-0.000001	-7.523E-08
Story1	68	136	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055352	-0.547358	0.004063	-0.000006	6.68E-08
Story1	68	136	TH-LIMA-74-YY	NonDirHist	Min	-0.000289	0.085076	-0.673651	0.003497	-0.000007	-6.155E-08
Story1	68	136	TH-LIMA-66-YY	NonDirHist	Max	0.000246	0.076593	-0.525081	0.004091	-0.000006	1.456E-07
Story1	68	136	TH-LIMA-66-YY	NonDirHist	Min	-0.000327	0.089024	-0.680317	0.0034	-0.000007	-1.409E-07
Story1	68	136	TH-ICA-2007-YY	NonDirHist	Max	0.000267	0.080685	-0.522682	0.003949	-0.000006	7.727E-08
Story1	68	136	TH-ICA-2007-YY	NonDirHist	Min	-0.000325	0.056586	-0.648127	0.003388	-0.000007	-7.523E-08

Story1	3	42	TH-LIMA-74-YY	NonDirHist	Max	0.000208	0.055288	0.047713	0.000286	0.000115	0.000002
Story1	3	42	TH-LIMA-74-YY	NonDirHist	Min	-0.000258	0.085018	-0.037774	-0.000132	0.000011	-0.000001
Story1	3	42	TH-LIMA-66-YY	NonDirHist	Max	0.000236	0.076625	0.054215	0.000311	0.000124	0.000001
Story1	3	42	TH-LIMA-66-YY	NonDirHist	Min	-0.000278	0.089007	-0.055033	-0.000209	-0.000012	-0.000001
Story1	3	42	TH-ICA-2007-YY	NonDirHist	Max	0.000235	0.080601	0.030724	0.000202	0.000094	0.000001
Story1	3	42	TH-ICA-2007-YY	NonDirHist	Min	-0.000305	-0.05654	-0.055633	-0.000215	-0.000012	-0.000001
Story1	5	46	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055279	-0.005175	0.000138	-0.000237	6.789E-08
Story1	5	46	TH-LIMA-74-YY	NonDirHist	Min	-0.000269	0.084937	-0.005418	-0.000085	-0.000239	-6.284E-08
Story1	5	46	TH-LIMA-66-YY	NonDirHist	Max	0.000236	0.076421	-0.005122	0.000154	-0.000236	1.465E-07
Story1	5	46	TH-LIMA-66-YY	NonDirHist	Min	-0.000274	0.088881	-0.005439	-0.000128	-0.000239	-1.439E-07
Story1	5	46	TH-ICA-2007-YY	NonDirHist	Max	0.000244	0.080597	-0.005118	0.000093	-0.000237	7.826E-08
Story1	5	46	TH-ICA-2007-YY	NonDirHist	Min	-0.000302	0.056506	-0.00537	-0.000131	-0.000239	-7.817E-08
Story1	11	170	TH-LIMA-74-YY	NonDirHist	Max	0.000201	0.055352	0	0	0	6.68E-08
Story1	11	170	TH-LIMA-74-YY	NonDirHist	Min	-0.000271	0.085076	0	0	0	-6.155E-08
Story1	11	170	TH-LIMA-66-YY	NonDirHist	Max	0.000237	0.076594	0	0	0	1.456E-07
Story1	11	170	TH-LIMA-66-YY	NonDirHist	Min	-0.000277	0.089024	0	0	0	-1.409E-07
Story1	11	170	TH-ICA-2007-YY	NonDirHist	Max	0.000246	0.080685	0	0	0	7.727E-08
Story1	11	170	TH-ICA-2007-YY	NonDirHist	Min	-0.000302	0.056586	0	0	0	-7.523E-08
Base	1	6	TH-LIMA-74-YY	NonDirHist	Max	-7.707E-09	0.000001	-0.000000443	4.679E-10	-9.547E-11	0

Base	1	6	TH-LIMA-74-YY	NonDirHist	Min	-7.767E-09	0.000002	-0.000001	-3.09E-10	-9.673E-11	0
Base	1	6	TH-LIMA-66-YY	NonDirHist	Max	-7.704E-09	0.000002	-4.354E-07	4.822E-10	-9.538E-11	0
Base	1	6	TH-LIMA-66-YY	NonDirHist	Min	-7.768E-09	0.000002	-0.000001	-4.191E-10	-9.681E-11	0
Base	1	6	TH-ICA-2007-YY	NonDirHist	Max	-7.705E-09	0.000002	-4.641E-07	3.095E-10	-9.541E-11	0
Base	1	6	TH-ICA-2007-YY	NonDirHist	Min	-7.766E-09	0.000001	-0.000001	-4.446E-10	-9.678E-11	0
Base	2	11	TH-LIMA-74-YY	NonDirHist	Max	-2.512E-10	0.000001	-0.000001	5.919E-10	-2.831E-12	0
Base	2	11	TH-LIMA-74-YY	NonDirHist	Min	-3.037E-10	0.000002	-0.000001	-3.896E-10	-3.982E-12	0
Base	2	11	TH-LIMA-66-YY	NonDirHist	Max	-2.47E-10	0.000002	-0.000001	6.12E-10	-2.741E-12	0
Base	2	11	TH-LIMA-66-YY	NonDirHist	Min	-3.07E-10	0.000002	-0.000001	-5.304E-10	-4.028E-12	0
Base	2	11	TH-ICA-2007-YY	NonDirHist	Max	-2.447E-10	0.000002	-0.000001	3.92E-10	-2.703E-12	0
Base	2	11	TH-ICA-2007-YY	NonDirHist	Min	-3.075E-10	0.000001	-0.000001	-5.621E-10	-4.063E-12	0
Base	4	47	TH-LIMA-74-YY	NonDirHist	Max	4.646E-09	0.000001	0.000001	7.421E-10	1.369E-10	0
Base	4	47	TH-LIMA-74-YY	NonDirHist	Min	-2.012E-08	0.000001	-0.000003	-6.436E-10	-2.819E-10	0
Base	4	47	TH-LIMA-66-YY	NonDirHist	Max	5.685E-09	0.000001	0.000002	7.572E-10	1.531E-10	0
Base	4	47	TH-LIMA-66-YY	NonDirHist	Min	-2.429E-08	0.000001	-0.000003	-8.291E-10	-3.51E-10	0
Base	4	47	TH-ICA-2007-YY	NonDirHist	Max	-3.68E-10	0.000001	0.000002	4.586E-10	5.196E-11	0
Base	4	47	TH-ICA-2007-YY	NonDirHist	Min	-2.489E-08	0.000001	-0.000002	-8.795E-10	-3.619E-10	0
Base	10	90	TH-LIMA-74-YY	NonDirHist	Max	6.861E-10	0.000001	0.000002	5.217E-09	2.183E-11	0
Base	10	90	TH-LIMA-74-YY	NonDirHist	Min	-2.545E-09	0.000001	-0.000004	-3.804E-09	-4.008E-11	0

Base	10	90	TH-LIMA-66-YY	NonDirHist	Max	9.282E-10	0.000001	0.000003	5.334E-09	2.868E-11	0
Base	10	90	TH-LIMA-66-YY	NonDirHist	Min	-2.533E-09	0.000001	-0.000005	-5.027E-09	-4.2E-11	0
Base	10	90	TH-ICA-2007-YY	NonDirHist	Max	9.58E-10	0.000001	0.000003	3.375E-09	2.964E-11	0
Base	10	90	TH-ICA-2007-YY	NonDirHist	Min	-2.422E-09	0.000001	-0.000003	-5.349E-09	-4.45E-11	0
Base	7	91	TH-LIMA-74-YY	NonDirHist	Max	7.933E-10	0.000001	0.000003	5.331E-09	2.318E-11	0
Base	7	91	TH-LIMA-74-YY	NonDirHist	Min	-1.31E-09	0.000001	-0.000003	-3.683E-09	-3.171E-11	0
Base	7	91	TH-LIMA-66-YY	NonDirHist	Max	1.559E-09	0.000001	0.000003	5.447E-09	2.531E-11	0
Base	7	91	TH-LIMA-66-YY	NonDirHist	Min	-1.817E-09	0.000001	-0.000004	-4.905E-09	-3.432E-11	0
Base	7	91	TH-ICA-2007-YY	NonDirHist	Max	9.414E-10	0.000001	0.000002	3.489E-09	2.751E-11	0
Base	7	91	TH-ICA-2007-YY	NonDirHist	Min	-2.023E-09	0.000001	-0.000004	-5.227E-09	-3.488E-11	0
Base	21	48	TH-LIMA-74-YY	NonDirHist	Max	0	0	0	0	0	0
Base	21	48	TH-LIMA-74-YY	NonDirHist	Min	0	0	0	0	0	0
Base	21	48	TH-LIMA-66-YY	NonDirHist	Max	0	0	0	0	0	0
Base	21	48	TH-LIMA-66-YY	NonDirHist	Min	0	0	0	0	0	0
Base	21	48	TH-ICA-2007-YY	NonDirHist	Max	0	0	0	0	0	0
Base	21	48	TH-ICA-2007-YY	NonDirHist	Min	0	0	0	0	0	0
Base	32	139	TH-LIMA-74-YY	NonDirHist	Max	8.706E-10	0.000001	0.000002	5.215E-09	2.452E-11	0
Base	32	139	TH-LIMA-74-YY	NonDirHist	Min	-1.215E-09	0.000001	-0.000004	-3.804E-09	-3.318E-11	0
Base	32	139	TH-LIMA-66-YY	NonDirHist	Max	1.602E-09	0.000001	0.000003	5.331E-09	2.864E-11	0
Base	32	139	TH-LIMA-66-YY	NonDirHist	Min	-1.936E-09	0.000001	-0.000005	-5.023E-09	-4.142E-11	0

Base	32	139	TH-ICA-2007-YY	NonDirHist	Max	1.264E-09	0.000001	0.000003	3.374E-09	3.255E-11	0
Base	32	139	TH-ICA-2007-YY	NonDirHist	Min	-1.694E-09	0.000001	-0.000003	-5.349E-09	-3.612E-11	0
Base	33	140	TH-LIMA-74-YY	NonDirHist	Max	1.477E-09	0.000001	0.000003	5.329E-09	2.857E-11	0
Base	33	140	TH-LIMA-74-YY	NonDirHist	Min	-1.452E-09	0.000001	-0.000003	-3.682E-09	-3.103E-11	0
Base	33	140	TH-LIMA-66-YY	NonDirHist	Max	1.596E-09	0.000001	0.000003	5.445E-09	3.201E-11	0
Base	33	140	TH-LIMA-66-YY	NonDirHist	Min	-1.464E-09	0.000001	-0.000004	-4.9E-09	-3.453E-11	0
Base	33	140	TH-ICA-2007-YY	NonDirHist	Max	1.491E-09	0.000001	0.000002	3.489E-09	3.13E-11	0
Base	33	140	TH-ICA-2007-YY	NonDirHist	Min	-1.446E-09	0.000001	-0.000004	-5.227E-09	-3.711E-11	0
Base	40	17	TH-LIMA-74-YY	NonDirHist	Max	6.646E-09	0.000001	-1.203E-07	4.623E-10	8.321E-11	0
Base	40	17	TH-LIMA-74-YY	NonDirHist	Min	6.564E-09	0.000001	-4.582E-07	-3.048E-10	8.184E-11	0
Base	40	17	TH-LIMA-66-YY	NonDirHist	Max	6.666E-09	0.000001	-1.054E-07	4.758E-10	8.363E-11	0
Base	40	17	TH-LIMA-66-YY	NonDirHist	Min	6.532E-09	0.000001	-4.102E-07	-4.121E-10	8.134E-11	0
Base	40	17	TH-ICA-2007-YY	NonDirHist	Max	6.63E-09	0.000001	-9.817E-08	3.06E-10	8.298E-11	0
Base	40	17	TH-ICA-2007-YY	NonDirHist	Min	6.531E-09	0.000001	-3.838E-07	-4.385E-10	8.125E-11	0
Base	41	19	TH-LIMA-74-YY	NonDirHist	Max	0	0	0	0	0	0
Base	41	19	TH-LIMA-74-YY	NonDirHist	Min	0	0	0	0	0	0
Base	41	19	TH-LIMA-66-YY	NonDirHist	Max	0	0	0	0	0	0
Base	41	19	TH-LIMA-66-YY	NonDirHist	Min	0	0	0	0	0	0
Base	41	19	TH-ICA-2007-YY	NonDirHist	Max	0	0	0	0	0	0
Base	41	19	TH-ICA-2007-YY	NonDirHist	Min	0	0	0	0	0	0

Base	42	92	TH-LIMA-74-YY	NonDirHist	Max	2.006E-08	0.000001	0.000001	7.407E-10	2.813E-10	0
Base	42	92	TH-LIMA-74-YY	NonDirHist	Min	-4.99E-09	0.000001	-0.000003	-6.427E-10	-1.421E-10	0
Base	42	92	TH-LIMA-66-YY	NonDirHist	Max	2.393E-08	0.000001	0.000002	7.544E-10	3.453E-10	0
Base	42	92	TH-LIMA-66-YY	NonDirHist	Min	-5.84E-09	0.000001	-0.000003	-8.248E-10	-1.55E-10	0
Base	42	92	TH-ICA-2007-YY	NonDirHist	Max	2.457E-08	0.000001	0.000002	4.58E-10	3.565E-10	0
Base	42	92	TH-ICA-2007-YY	NonDirHist	Min	5.815E-11	0.000001	-0.000002	-8.77E-10	-5.665E-11	0
Base	44	93	TH-LIMA-74-YY	NonDirHist	Max	2.107E-08	0.000001	0.000002	8.029E-10	3.229E-10	0
Base	44	93	TH-LIMA-74-YY	NonDirHist	Min	-3.441E-09	0.000001	-0.000002	-5.768E-10	-9.269E-11	0
Base	44	93	TH-LIMA-66-YY	NonDirHist	Max	2.208E-08	0.000001	0.000003	8.171E-10	3.387E-10	0
Base	44	93	TH-LIMA-66-YY	NonDirHist	Min	-7.494E-09	0.000001	-0.000003	-7.593E-10	-1.602E-10	0
Base	44	93	TH-ICA-2007-YY	NonDirHist	Max	1.612E-08	0.000001	0.000002	5.209E-10	2.388E-10	0
Base	44	93	TH-ICA-2007-YY	NonDirHist	Min	-8.168E-09	0.000001	-0.000003	-8.116E-10	-1.723E-10	0
Base	49	129	TH-LIMA-74-YY	NonDirHist	Max	2.46E-10	0.000001	-0.000001	5.917E-10	3.206E-12	0
Base	49	129	TH-LIMA-74-YY	NonDirHist	Min	1.931E-10	0.000002	-0.000001	-3.894E-10	2.051E-12	0
Base	49	129	TH-LIMA-66-YY	NonDirHist	Max	2.506E-10	0.000002	-0.000001	6.117E-10	3.3E-12	0
Base	49	129	TH-LIMA-66-YY	NonDirHist	Min	1.898E-10	0.000002	-0.000001	-5.297E-10	2.004E-12	0
Base	49	129	TH-ICA-2007-YY	NonDirHist	Max	2.527E-10	0.000002	-0.000001	3.92E-10	3.336E-12	0
Base	49	129	TH-ICA-2007-YY	NonDirHist	Min	1.891E-10	0.000001	-0.000001	-5.619E-10	1.966E-12	0
Base	3	39	TH-LIMA-74-YY	NonDirHist	Max	-3.871E-10	0.000001	0.000002	0.000000158	-5.036E-09	6.068E-10

Base	3	39	TH-LIMA-74-YY	NonDirHist	Min	-6.847E-10	0.000001	-0.000001	-1.301E-07	-7.318E-09	-7.604E-10
Base	3	39	TH-LIMA-66-YY	NonDirHist	Max	-3.153E-10	0.000001	0.000002	1.731E-07	-4.617E-09	6.709E-10
Base	3	39	TH-LIMA-66-YY	NonDirHist	Min	-7.171E-10	0.000001	-0.000002	-1.811E-07	-7.464E-09	-6.597E-10
Base	3	39	TH-ICA-2007-YY	NonDirHist	Max	-3.167E-10	0.000001	0.000001	1.002E-07	-4.616E-09	6.322E-10
Base	3	39	TH-ICA-2007-YY	NonDirHist	Min	-6.261E-10	0.000001	-0.000002	-1.862E-07	-6.87E-09	-6.029E-10
Base	5	45	TH-LIMA-74-YY	NonDirHist	Max	5.18E-10	0.000001	-4.056E-08	0.000189	0.000107	-0.000014
Base	5	45	TH-LIMA-74-YY	NonDirHist	Min	4.857E-10	0.000001	-3.768E-07	-0.000123	0.000083	-0.000019
Base	5	45	TH-LIMA-66-YY	NonDirHist	Max	5.258E-10	0.000001	-8.836E-08	0.000193	0.000111	-0.000014
Base	5	45	TH-LIMA-66-YY	NonDirHist	Min	4.827E-10	0.000001	-3.914E-07	-0.000165	0.000081	-0.000019
Base	5	45	TH-ICA-2007-YY	NonDirHist	Max	5.251E-10	0.000001	-1.146E-07	0.000125	0.000111	-0.000015
Base	5	45	TH-ICA-2007-YY	NonDirHist	Min	4.925E-10	0.000001	-0.000000398	-0.000177	0.000087	-0.000019

Hinges state de aulas

TABLE: Fiber Hinge States																	
Story	Frame/Wall	Unique Name	Output Case	Case Type	Step Type	Hinge	Generated Hinge	Rel Dist	Abs Dist	P	M2	M3	U1	R2	R3	Hinge State	Hinge Status
									m	tonf	tonf-m	tonf-m	cm	rad	rad		
Story3	C1	124	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C1H5	0	0	0.7016	-0.2442	0.031	0.000099	-0.000059	0.000003	A to B	A to IO
Story3	C1	124	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C1H6	1	2.65	0.8274	0.6648	-0.00025	0.000108	0.000165	-2.654E-07	A to B	A to IO
Story3	C1	124	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C1H5	0	0	-1.3837	-0.4056	0.0096	-0.000321	-0.000101	0.000001	A to B	A to IO
Story3	C1	124	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C1H6	1	2.65	-1.2842	-0.3709	-0.0184	-0.000034	-0.000009	-0.000002	A to B	A to IO
Story3	C1	124	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C1H5	0	0	0.0273	-0.2597	0.0312	-0.000031	-0.000064	0.000003	A to B	A to IO
Story3	C1	124	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C1H6	1	2.65	-0.077	0.89	-0.01	-0.000002	0.000221	-0.000001	A to B	A to IO

Story3	C1	124	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C1H5	0	0	-1.8794	-0.3891	0.0168	-0.000412	-0.000097	0.000002	A to B	A to IO
Story3	C1	124	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C1H6	1	2.65	-1.659	-0.0381	-0.0183	-0.000443	-0.000009	-0.000002	A to B	A to IO
Story3	C1	124	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C1H5	0	0	0.2936	-0.2609	0.0296	0.000019	-0.000064	0.000003	A to B	A to IO
Story3	C1	124	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C1H6	1	2.65	0.249	0.9151	-0.0056	0.000029	0.000227	-0.000001	A to B	A to IO
Story3	C1	124	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C1H5	0	0	-1.9215	-0.3893	0.011	-0.000424	-0.000097	0.000001	A to B	A to IO
Story3	C1	124	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C1H6	1	2.65	-1.7051	-0.1443	-0.017	-0.000455	-0.000035	-0.000002	A to B	A to IO
Story3	C2	127	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C2H5	0	0	-0.5945	0.3915	0.0399	-0.000154	0.000097	0.000004	A to B	A to IO
Story3	C2	127	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C2H6	1	2.65	-0.4317	0.5374	-0.004	-0.000152	0.000133	-4.424E-07	A to B	A to IO
Story3	C2	127	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C2H5	0	0	-0.9251	-0.3173	0.0093	-0.000197	-0.000079	0.000001	A to B	A to IO
Story3	C2	127	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C2H6	1	2.65	-0.9345	-0.7999	-0.0207	-0.000204	-0.000197	-0.000002	A to B	A to IO
Story3	C2	127	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C2H5	0	0	-0.3579	0.2162	0.0278	-0.000115	0.000054	0.000003	A to B	A to IO

Story3	C2	127	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C2H6	1	2.65	-0.1218	0.8262	-0.0055	-0.000129	0.000203	-0.000001	A to B	A to IO
Story3	C2	127	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C2H5	0	0	-0.9285	-0.3633	0.0116	-0.000199	-0.00009	0.000001	A to B	A to IO
Story3	C2	127	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C2H6	1	2.65	-0.9357	-0.4319	-0.0141	-0.000021	-0.000107	-0.000002	A to B	A to IO
Story3	C2	127	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C2H5	0	0	-0.3812	0.2525	0.0316	-0.000127	0.000063	0.000003	A to B	A to IO
Story3	C2	127	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C2H6	1	2.65	-0.1738	0.8827	-0.0046	-0.000141	0.000217	-0.000001	A to B	A to IO
Story3	C2	127	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C2H5	0	0	-0.9303	-0.4053	0.0107	-0.000198	-0.0001	0.000001	A to B	A to IO
Story3	C2	127	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C2H6	1	2.65	-0.9359	-0.5473	-0.016	-0.000205	-0.000135	-0.000002	A to B	A to IO
Story3	C6	4	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C6H1	0	0	0.5594	13.247	-0.324	-0.000016	0.000015	-0.000002	A to B	A to IO
Story3	C6	4	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C6H2	1	2.65	-2.1594	110.5996	0.2988	0.000584	0.000122	0.000006	A to B	A to IO
Story3	C6	4	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C6H1	0	0	-6.0803	-13.8806	-0.8795	-0.000172	-0.000015	-0.000005	A to B	A to IO
Story3	C6	4	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C6H2	1	2.65	-15.7265	-167.5318	-3.1234	-0.000145	-0.000213	0.000001	A to B	A to IO

Story3	C6	4	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C6H1	0	0	-0.5024	22.4042	-0.3266	-0.000014	0.000025	-0.000002	A to B	A to IO
Story3	C6	4	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C6H2	1	2.65	-4.0317	170.7199	0.3007	0.000674	0.000221	0.000007	A to B	A to IO
Story3	C6	4	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C6H1	0	0	-6.0652	-13.826	-1.1175	-0.000172	-0.000015	-0.000007	A to B	A to IO
Story3	C6	4	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C6H2	1	2.65	-18.0088	-93.5563	-3.5382	-0.000144	-0.000103	-0.000001	A to B	A to IO
Story3	C6	4	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C6H1	0	0	1.8062	16.823	-0.3287	0.000051	0.000019	-0.000002	A to B	A to IO
Story3	C6	4	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C6H2	1	2.65	-2.4566	180.4456	0.3008	0.001025	0.000245	0.000009	A to B	A to IO
Story3	C6	4	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C6H1	0	0	-5.9917	-19.2183	-1.09	-0.000169	-0.000021	-0.000006	A to B	A to IO
Story3	C6	4	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C6H2	1	2.65	-23.2715	-119.0769	-5.1056	-0.000142	-0.000131	0.000001	A to B	A to IO
Story3	C11	13	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C11H1	0	0	-5.2031	13.171	0.8587	-0.000147	0.000015	0.000005	A to B	A to IO
Story3	C11	13	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C11H2	1	2.65	-6.2208	173.229	-0.2549	0.000505	0.000223	0.000004	A to B	A to IO
Story3	C11	13	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C11H1	0	0	-10.2319	-12.5126	0.2782	-0.000289	-0.000014	0.000002	A to B	A to IO

Story3	C11	13	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C11H2	1	2.65	-23.82	-113.5898	-4.0685	-0.000435	-0.000124	-0.000003	A to B	A to IO
Story3	C11	13	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C11H1	0	0	-4.3543	14.4155	0.8688	-0.000123	0.000016	0.000005	A to B	A to IO
Story3	C11	13	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C11H2	1	2.65	-8.0785	96.7038	-0.2604	0.000652	0.000107	0.000004	A to B	A to IO
Story3	C11	13	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C11H1	0	0	-10.2834	-18.3526	-0.2402	-0.000291	-0.00002	-0.000001	A to B	A to IO
Story3	C11	13	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C11H2	1	2.65	-23.9372	-175.6575	-4.5863	-0.000262	-0.00023	-0.000002	A to B	A to IO
Story3	C11	13	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C11H1	0	0	-1.9961	17.2605	0.8607	-0.000056	0.000019	0.000005	A to B	A to IO
Story3	C11	13	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C11H2	1	2.65	-7.2878	123.1616	-0.2502	0.000994	0.000136	0.000006	A to B	A to IO
Story3	C11	13	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C11H1	0	0	-10.1634	-11.459	-0.2379	-0.000288	-0.000013	-0.000001	A to B	A to IO
Story3	C11	13	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C11H2	1	2.65	-29.1641	-185.2374	-6.1419	-0.000259	-0.000254	-0.000002	A to B	A to IO
Story3	C13	19	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C13H1	0	0	2.0631	2.473	12.081	0.000849	0.000192	0.000574	A to B	A to IO
Story3	C13	19	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C13H2	1	2.65	1.4602	4.6493	17.5355	0.004475	0.000113	0.001283	A to B	A to IO

Story3	C13	19	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C13H1	0	0	-27.5653	-5.739	-20.2834	-0.002397	-0.000133	-0.000955	A to B	A to IO
Story3	C13	19	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C13H2	1	2.65	-27.6191	-3.5733	-15.4163	-0.000376	-0.000129	-0.000597	A to B	A to IO
Story3	C13	19	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C13H1	0	0	0.5511	3.658	16.5159	0.002528	0.000066	0.001128	A to B	A to IO
Story3	C13	19	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C13H2	1	2.65	1.7098	2.8008	10.4527	0.000593	0.000229	0.000454	A to B	A to IO
Story3	C13	19	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C13H1	0	0	-11.3822	-2.2895	-9.3058	-0.000618	-0.000181	-0.000408	A to B	A to IO
Story3	C13	19	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C13H2	1	2.65	-10.2298	-5.552	-20.4866	-0.000206	-0.000056	-0.00101	A to B	A to IO
Story3	C13	19	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C13H1	0	0	0.3241	3.7974	17.0202	0.002551	0.000092	0.001173	A to B	A to IO
Story3	C13	19	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C13H2	1	2.65	1.6214	3.3887	12.8503	0.001632	0.000247	0.000729	A to B	A to IO
Story3	C13	19	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C13H1	0	0	-13.0027	-3.106	-12.7511	-0.000661	-0.000185	-0.000559	A to B	A to IO
Story3	C13	19	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C13H2	1	2.65	-11.3252	-5.8863	-21.3318	-0.000142	-0.000085	-0.001061	A to B	A to IO
Story3	C17	28	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C17H1	0	0	1.8225	2.5639	6.7147	0.000258	0.000017	0.000283	A to B	A to IO
Story3	C17	28	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C17H2	1	2.65	0.6907	3.9243	14.723	0.000961	0.000045	0.000842	A to B	A to IO
Story3	C17	28	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C17H1	0	0	-4.4302	-2.0266	-9.7279	-0.000496	-0.000053	-0.000419	A to B	A to IO

Story3	C17	28	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C17H2	1	2.65	-12.5148	-4.4955	-13.0751	-0.00042	-0.000023	-0.000482	A to B	A to IO
Story3	C17	28	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C17H1	0	0	-0.4564	1.0086	9.3732	-0.000012	0.000035	0.000398	A to B	A to IO
Story3	C17	28	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C17H2	1	2.65	0.2351	5.3763	8.5983	-0.000027	0.000024	0.000363	A to B	A to IO
Story3	C17	28	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C17H1	0	0	-5.7569	-2.6906	-4.3167	-0.000655	-0.000033	-0.000189	A to B	A to IO
Story3	C17	28	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C17H2	1	2.65	-6.3011	-2.5417	-17.7413	-0.00055	-0.000037	-0.000744	A to B	A to IO
Story3	C17	28	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C17H1	0	0	0.1497	1.4087	10.0212	0.000061	0.000037	0.000426	A to B	A to IO
Story3	C17	28	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C17H2	1	2.65	0.7038	5.7368	11.1301	0.000086	0.000031	0.000486	A to B	A to IO
Story3	C17	28	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C17H1	0	0	-5.836	-2.8823	-5.7718	-0.000667	-0.00004	-0.000251	A to B	A to IO
Story3	C17	28	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C17H2	1	2.65	-7.195	-3.3247	-18.7085	-0.000517	-0.00004	-0.00078	A to B	A to IO
Story3	C19	131	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C19H5	0	0	0.2185	0.4442	0.044	0.000004	0.000111	0.000005	A to B	A to IO
Story3	C19	131	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C19H6	1	2.65	0.1645	0.1241	0.0088	0.000018	0.00003	0.000001	A to B	A to IO
Story3	C19	131	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C19H5	0	0	-1.9653	0.2413	-0.018	-0.000446	-0.000059	-0.000002	A to B	A to IO

Story3	C19	131	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C19H6	1	2.65	-1.8083	-1.073	-0.0229	-0.000496	-0.000266	-0.000002	A to B	A to IO
Story3	C19	131	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C19H5	0	0	0.8869	0.4266	0.0417	0.000125	0.000106	0.000004	A to B	A to IO
Story3	C19	131	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C19H6	1	2.65	1.0112	0.4522	0.0003	0.000132	0.00011	3.045E-08	A to B	A to IO
Story3	C19	131	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C19H5	0	0	-1.3743	0.2719	-0.0007	-0.000325	0.000066	-7.641E-08	A to B	A to IO
Story3	C19	131	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C19H6	1	2.65	-1.3124	-0.7574	-0.0214	-0.000357	-0.000188	-0.000002	A to B	A to IO
Story3	C19	131	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C19H5	0	0	0.9147	0.4131	0.0446	0.000134	0.000103	0.000005	A to B	A to IO
Story3	C19	131	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C19H6	1	2.65	1.0918	0.4908	0.0024	0.000142	0.000119	2.614E-07	A to B	A to IO
Story3	C19	131	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C19H5	0	0	-1.6155	0.2603	-0.0052	-0.000371	0.000063	-0.000001	A to B	A to IO
Story3	C19	131	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C19H6	1	2.65	-1.5184	-0.8579	-0.0227	-0.000411	-0.000212	-0.000002	A to B	A to IO
Story3	C20	7	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C20H1	0	0	4.5821	16.6027	-5.5902	0.000013	0.000018	-0.000033	A to B	A to IO
Story3	C20	7	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C20H2	1	2.65	9.8291	89.0671	6.1211	0.000278	0.000098	0.000036	A to B	A to IO
Story3	C20	7	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C20H1	0	0	-48.5705	-18.4517	-6.9442	-0.001374	-0.00002	-0.00004	A to B	A to IO

Story3	C20	7	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C20H2	1	2.65	-43.3235	-142.236	5.8187	-0.001226	-0.000157	0.000034	A to B	A to IO
Story3	C20	7	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C20H1	0	0	10.6297	24.7238	-5.5678	0.000301	0.000027	-0.000032	A to B	A to IO
Story3	C20	7	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C20H2	1	2.65	15.6702	139.9318	6.0726	0.000764	0.000163	0.000038	A to B	A to IO
Story3	C20	7	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C20H1	0	0	-31.2444	-16.7017	-11.2723	-0.000884	-0.000018	-0.000066	A to B	A to IO
Story3	C20	7	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C20H2	1	2.65	-25.9974	-75.1289	5.209	-0.000736	-0.000083	0.000032	A to B	A to IO
Story3	C20	7	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C20H1	0	0	12.4763	17.1669	-5.5682	0.000353	0.000019	-0.000032	A to B	A to IO
Story3	C20	7	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C20H2	1	2.65	17.6515	146.271	6.0516	0.001372	0.000185	0.00005	A to B	A to IO
Story3	C20	7	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C20H1	0	0	-36.3773	-24.8768	-10.9422	-0.001029	-0.000027	-0.000064	A to B	A to IO
Story3	C20	7	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C20H2	1	2.65	-31.1303	-98.0786	5.2054	-0.000881	-0.000108	0.000033	A to B	A to IO
Story3	C21	16	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C21H1	0	0	-0.1996	16.8659	-1.1708	0.000006	0.000019	-0.000007	A to B	A to IO
Story3	C21	16	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C21H2	1	2.65	5.0474	147.2494	2.7539	0.000143	0.000162	0.000016	A to B	A to IO
Story3	C21	16	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C21H1	0	0	-51.9468	-14.3161	-2.2252	-0.001469	-0.000016	-0.000013	A to B	A to IO

Story3	C21	16	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C21H2	1	2.65	-46.6998	-92.2502	2.3445	-0.001321	-0.000102	0.000014	A to B	A to IO
Story3	C21	16	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C21H1	0	0	5.5452	16.7347	-1.1777	0.000157	0.000018	-0.000007	A to B	A to IO
Story3	C21	16	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C21H2	1	2.65	10.7158	77.67	2.7601	0.000618	0.000086	0.00002	A to B	A to IO
Story3	C21	16	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C21H1	0	0	-35.2044	-21.6738	-6.2805	-0.000996	-0.000024	-0.000037	A to B	A to IO
Story3	C21	16	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C21H2	1	2.65	-29.9574	-144.3919	2.1536	-0.000848	-0.000168	0.000015	A to B	A to IO
Story3	C21	16	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C21H1	0	0	7.2798	23.2066	-1.1723	0.000206	0.000026	-0.000007	A to B	A to IO
Story3	C21	16	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C21H2	1	2.65	12.5279	101.1231	2.7621	0.001256	0.000112	0.000034	A to B	A to IO
Story3	C21	16	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C21H1	0	0	-40.447	-14.6833	-6.0784	-0.001144	-0.000016	-0.000035	A to B	A to IO
Story3	C21	16	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C21H2	1	2.65	-35.2	-151.0411	2.1841	-0.000996	-0.000191	0.000014	A to B	A to IO
Story3	C22	22	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C22H1	0	0	-0.0806	2.9628	10.0424	0.000004	0.000038	0.000427	A to B	A to IO
Story3	C22	22	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C22H2	1	2.65	0.7162	3.2334	10.7557	0.000011	0.000039	0.000457	A to B	A to IO
Story3	C22	22	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C22H1	0	0	-5.4025	-1.446	-5.7476	-0.000634	-0.000033	-0.000251	A to B	A to IO

Story3	C22	22	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C22H2	1	2.65	-6.4646	-5.5122	-18.0906	-0.000542	-0.00003	-0.000761	A to B	A to IO
Story3	C22	22	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C22H1	0	0	2.2166	1.8354	5.9622	0.000308	0.000055	0.000252	A to B	A to IO
Story3	C22	22	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C22H2	1	2.65	0.7355	4.6242	14.9175	0.001185	0.000021	0.000878	A to B	A to IO
Story3	C22	22	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C22H1	0	0	-4.045	-2.5001	-9.5202	-0.000462	-0.000014	-0.000413	A to B	A to IO
Story3	C22	22	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C22H2	1	2.65	-10.9139	-3.1816	-10.351	-0.000389	-0.000046	-0.000435	A to B	A to IO
Story3	C22	22	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C22H1	0	0	2.4088	2.1184	7.039	0.000333	0.000057	0.000299	A to B	A to IO
Story3	C22	22	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C22H2	1	2.65	0.7364	4.8001	15.4556	0.001271	0.000026	0.000929	A to B	A to IO
Story3	C22	22	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C22H1	0	0	-4.5161	-2.7277	-10.2744	-0.000519	-0.00002	-0.000445	A to B	A to IO
Story3	C22	22	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C22H2	1	2.65	-12.8032	-3.8833	-12.6627	-0.000436	-0.000048	-0.000533	A to B	A to IO
Story3	C23	25	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C23H1	0	0	2.367	1.5934	8.8794	0.000028	0.000052	0.000384	A to B	A to IO
Story3	C23	25	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C23H2	1	2.65	2.8754	4.902	10.3075	0.000238	0.000022	0.000432	A to B	A to IO
Story3	C23	25	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C23H1	0	0	-5.5172	-2.3148	-5.5638	-0.000635	-0.000021	-0.000236	A to B	A to IO
Story3	C23	25	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C23H2	1	2.65	-6.1084	-3.1255	-16.5974	-0.000532	-0.000045	-0.000699	A to B	A to IO

Story3	C23	25	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C23H1	0	0	4.1751	2.5947	5.2409	0.000491	0.000032	0.000227	A to B	A to IO
Story3	C23	25	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C23H2	1	2.65	2.3586	2.7819	14.4955	0.001278	0.000037	0.000833	A to B	A to IO
Story3	C23	25	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C23H1	0	0	-3.4683	-1.3492	-9.1547	-0.000398	-0.000036	-0.00039	A to B	A to IO
Story3	C23	25	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C23H2	1	2.65	-8.1725	-4.4973	-9.4974	-0.000332	-0.000027	-0.000401	A to B	A to IO
Story3	C23	25	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C23H1	0	0	4.6443	2.7928	6.2652	0.000544	0.000038	0.000271	A to B	A to IO
Story3	C23	25	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C23H2	1	2.65	2.6585	3.4565	14.9743	0.001394	0.000041	0.000881	A to B	A to IO
Story3	C23	25	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C23H1	0	0	-3.8676	-1.6145	-9.8453	-0.000446	-0.000039	-0.000419	A to B	A to IO
Story3	C23	25	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C23H2	1	2.65	-9.6397	-4.6466	-11.7423	-0.000371	-0.000033	-0.000495	A to B	A to IO
Story3	C24	84	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C24H5	0	0	-0.479	0.4223	0.0397	-0.000149	0.000104	0.000004	A to B	A to IO
Story3	C24	84	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C24H6	1	2.65	-0.3022	0.5176	0.002	-0.000015	0.000128	2.229E-07	A to B	A to IO
Story3	C24	84	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C24H5	0	0	-0.9199	-0.2932	-0.0016	-0.000197	-0.000073	-1.801E-07	A to B	A to IO
Story3	C24	84	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C24H6	1	2.65	-0.9295	-0.8292	-0.0206	-0.000205	-0.000204	-0.000002	A to B	A to IO

Story3	C24	84	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C24H5	0	0	-0.5056	0.2356	0.0423	-0.000141	0.000059	0.000005	A to B	A to IO
Story3	C24	84	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C24H6	1	2.65	-0.2702	0.8088	-0.0022	-0.000156	0.000199	-0.0000000245	A to B	A to IO
Story3	C24	84	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C24H5	0	0	-0.9181	-0.3418	0.0062	-0.000196	-0.000085	0.000001	A to B	A to IO
Story3	C24	84	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C24H6	1	2.65	-0.9295	-0.4478	-0.0221	-0.000204	-0.000111	-0.000002	A to B	A to IO
Story3	C24	84	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C24H5	0	0	-0.5278	0.2758	0.0452	-0.000152	0.000069	0.000005	A to B	A to IO
Story3	C24	84	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C24H6	1	2.65	-0.3232	0.8574	-0.0022	-0.000157	0.000211	-0.0000000242	A to B	A to IO
Story3	C24	84	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C24H5	0	0	-0.9194	-0.3751	0.0059	-0.000196	-0.000093	0.000001	A to B	A to IO
Story3	C24	84	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C24H6	1	2.65	-0.9295	-0.5684	-0.0237	-0.000203	-0.00014	-0.000003	A to B	A to IO
Story3	C26	220	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C26H1	0	0	-2.143	13.3501	-0.3438	-0.000061	0.000015	-0.0000002	A to B	A to IO
Story3	C26	220	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C26H2	1	2.65	-2.496	109.64	0.3163	0.000499	0.000121	0.000006	A to B	A to IO
Story3	C26	220	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C26H1	0	0	-6.0895	-13.7413	-0.8771	-0.000172	-0.000015	-0.000005	A to B	A to IO

Story3	C26	220	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C26H2	1	2.65	-18.1336	-168.0691	-2.9857	-0.000145	-0.000213	0.000001	A to B	A to IO
Story3	C26	220	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C26H1	0	0	2.1545	24.1622	-0.3426	0.000061	0.000027	-0.000002	A to B	A to IO
Story3	C26	220	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C26H2	1	2.65	-3.3084	171.8426	0.3017	0.000803	0.000224	0.000007	A to B	A to IO
Story3	C26	220	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C26H1	0	0	-6.3422	-14.0087	-1.2356	-0.000179	-0.000015	-0.000007	A to B	A to IO
Story3	C26	220	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C26H2	1	2.65	-16.8376	-93.2283	-3.9077	-0.000152	-0.000103	0.000001	A to B	A to IO
Story3	C26	220	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C26H1	0	0	3.8475	18.9374	-0.3431	0.000109	0.000021	-0.000002	A to B	A to IO
Story3	C26	220	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C26H2	1	2.65	-2.2939	180.4667	0.3014	0.001101	0.000246	0.000009	A to B	A to IO
Story3	C26	220	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C26H1	0	0	-6.1397	-19.2005	-1.1877	-0.000174	-0.000021	-0.000007	A to B	A to IO
Story3	C26	220	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C26H2	1	2.65	-21.7461	-119.6577	-5.2877	-0.000146	-0.000132	0.000001	A to B	A to IO
Story3	C28	226	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C28H1	0	0	-4.6565	13.0029	0.8527	-0.000132	0.000014	0.000005	A to B	A to IO
Story3	C28	226	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C28H2	1	2.65	-6.7433	172.397	-0.2509	0.0005	0.000221	0.000003	A to B	A to IO

Story3	C28	226	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C28H1	0	0	-10.3438	-12.6866	0.24	-0.000293	-0.000014	0.000001	A to B	A to IO
Story3	C28	226	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C28H2	1	2.65	-22.7903	-112.6733	-4.045	-0.000408	-0.000123	-0.000003	A to B	A to IO
Story3	C28	226	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C28H1	0	0	-3.5251	14.194	0.851	-0.0001	0.000016	0.000005	A to B	A to IO
Story3	C28	226	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C28H2	1	2.65	-8.304	96.0734	-0.2501	0.0007	0.000106	0.000005	A to B	A to IO
Story3	C28	226	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C28H1	0	0	-10.3398	-21.4148	-0.0859	-0.000293	-0.000024	-4.992E-07	A to B	A to IO
Story3	C28	226	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C28H2	1	2.65	-23.8331	-176.277	-4.6636	-0.000263	-0.000232	-0.000002	A to B	A to IO
Story3	C28	226	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C28H1	0	0	-2.1331	17.4256	0.8524	-0.00006	0.000019	0.000005	A to B	A to IO
Story3	C28	226	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C28H2	1	2.65	-6.778	123.0933	-0.24	0.000987	0.000136	0.000007	A to B	A to IO
Story3	C28	226	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C28H1	0	0	-10.2168	-15.5931	-0.0681	-0.000289	-0.000017	-0.0000396	A to B	A to IO
Story3	C28	226	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C28H2	1	2.65	-29.0941	-185.0033	-6.0349	-0.00026	-0.000254	-0.000002	A to B	A to IO
Story3	C31	1	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C31H1	0	0	17.1254	19.8789	-4.7807	0.000485	0.000022	-0.000028	A to B	A to IO

Story3	C31	1	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C31H2	1	2.65	22.3075	86.6084	6.1213	0.000633	0.000096	0.000036	A to B	A to IO
Story3	C31	1	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C31H1	0	0	-39.744	-19.7947	-8.9436	-0.001124	-0.000022	-0.000052	A to B	A to IO
Story3	C31	1	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C31H2	1	2.65	-34.497	-132.9434	5.5651	-0.000976	-0.000147	0.000032	A to B	A to IO
Story3	C31	1	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C31H1	0	0	4.917	45.2863	-5.5633	0.000139	0.00005	-0.000032	A to B	A to IO
Story3	C31	1	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C31H2	1	2.65	10.164	142.3069	6.0775	0.000287	0.000157	0.000035	A to B	A to IO
Story3	C31	1	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C31H1	0	0	-51.9128	-14.9508	-7.8202	-0.001468	-0.000016	-0.000046	A to B	A to IO
Story3	C31	1	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C31H2	1	2.65	-46.6658	-75.3699	5.836	-0.001032	-0.000083	0.000034	A to B	A to IO
Story3	C31	1	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C31H1	0	0	8.3741	37.5712	-5.5663	0.000237	0.000041	-0.000032	A to B	A to IO
Story3	C31	1	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C31H2	1	2.65	13.6211	149.7346	6.073	0.000385	0.000165	0.000035	A to B	A to IO
Story3	C31	1	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C31H1	0	0	-55.5264	-25.9314	-8.2083	-0.001057	-0.000029	-0.000048	A to B	A to IO
Story3	C31	1	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C31H2	1	2.65	-50.2794	-95.6017	5.7713	-0.001423	-0.000105	0.000034	A to B	A to IO
Story3	C32	10	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C32H1	0	0	8.5845	14.9687	-1.1525	0.000243	0.000017	-0.000007	A to B	A to IO

Story3	C32	10	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C32H2	1	2.65	13.3717	143.1263	2.7165	0.000702	0.000167	0.000021	A to B	A to IO
Story3	C32	10	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C32H1	0	0	-42.0876	-16.3295	-4.2609	-0.001191	-0.000018	-0.000025	A to B	A to IO
Story3	C32	10	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C32H2	1	2.65	-36.8406	-92.5078	2.3337	-0.001042	-0.000102	0.000014	A to B	A to IO
Story3	C32	10	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C32H1	0	0	-1.0688	13.7018	-1.1467	-0.00003	0.000015	-0.000007	A to B	A to IO
Story3	C32	10	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C32H2	1	2.65	4.1782	80.2727	2.7374	0.000118	0.000089	0.000016	A to B	A to IO
Story3	C32	10	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C32H1	0	0	-53.2813	-36.6452	-4.1069	-0.001507	-0.00004	-0.000024	A to B	A to IO
Story3	C32	10	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C32H2	1	2.65	-48.0343	-150.6273	2.2474	-0.001359	-0.000166	0.000013	A to B	A to IO
Story3	C32	10	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C32H1	0	0	1.75	20.9374	-1.15	0.00005	0.000023	-0.000007	A to B	A to IO
Story3	C32	10	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C32H2	1	2.65	6.997	102.5611	2.7056	0.000198	0.000113	0.000016	A to B	A to IO
Story3	C32	10	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C32H1	0	0	-56.2075	-27.1823	-4.2589	-0.00159	-0.00003	-0.000025	A to B	A to IO
Story3	C32	10	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C32H2	1	2.65	-50.9605	-158.3722	2.2107	-0.001442	-0.000175	0.000013	A to B	A to IO
Story3	C33	217	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C33H1	0	0	-12.4356	-24.2708	-5.5234	-0.000352	-0.000027	-0.000032	A to B	A to IO

Story3	C33	217	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C33H2	1	2.65	-7.1886	109.8949	6.0767	0.001298	0.000121	0.00007	A to B	A to IO
Story3	C33	217	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C33H1	0	0	-18.6056	-24.2395	-8.8923	-0.000526	-0.000027	-0.000052	A to B	A to IO
Story3	C33	217	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C33H2	1	2.65	-25.4445	-169.9556	4.1767	-0.000643	-0.000235	0.000026	A to B	A to IO
Story3	C33	217	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C33H1	0	0	-12.4371	21.2789	-5.5236	-0.000352	0.000023	-0.000032	A to B	A to IO
Story3	C33	217	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C33H2	1	2.65	-7.1901	174.3762	5.8738	0.001683	0.00025	0.000078	A to B	A to IO
Story3	C33	217	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C33H1	0	0	-20.398	-21.6748	-11.2143	-0.000577	-0.000024	-0.000065	A to B	A to IO
Story3	C33	217	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C33H2	1	2.65	-14.992	-94.5864	4.957	-0.000253	-0.000104	0.000034	A to B	A to IO
Story3	C33	217	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C33H1	0	0	-12.4814	18.0051	-5.535	-0.000353	0.00002	-0.000032	A to B	A to IO
Story3	C33	217	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C33H2	1	2.65	-7.2344	182.5399	5.8638	0.002285	0.000276	0.000092	A to B	A to IO
Story3	C33	217	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C33H1	0	0	-20.7726	-18.7222	-10.926	-0.000587	-0.000021	-0.000064	A to B	A to IO
Story3	C33	217	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C33H2	1	2.65	-15.4851	-121.9614	4.9446	-0.000327	-0.000135	0.000034	A to B	A to IO

Story3	C34	223	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C34H1	0	0	-16.6706	27.592	-1.0063	-0.000472	0.00003	-0.000006	A to B	A to IO
Story3	C34	223	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C34H2	1	2.65	-11.4236	176.1713	2.6005	0.001302	0.000246	0.000052	A to B	A to IO
Story3	C34	223	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C34H1	0	0	-22.7129	-30.6949	-4.1751	-0.000642	-0.000034	-0.000024	A to B	A to IO
Story3	C34	223	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C34H2	1	2.65	-26.8397	-114.7873	1.0638	-0.000066	-0.000125	0.000008	A to B	A to IO
Story3	C34	223	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C34H1	0	0	-16.6809	23.1851	-1.0092	-0.000472	0.000026	-0.000006	A to B	A to IO
Story3	C34	223	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C34H2	1	2.65	-11.434	98.2762	2.5013	0.001629	0.000108	0.000059	A to B	A to IO
Story3	C34	223	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C34H1	0	0	-25.0911	-22.8112	-6.5097	-0.000071	-0.000025	-0.000038	A to B	A to IO
Story3	C34	223	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C34H2	1	2.65	-19.6215	-179.9546	1.5393	-0.000378	-0.000258	0.000014	A to B	A to IO
Story3	C34	223	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C34H1	0	0	-16.7378	23.472	-1.0156	-0.000473	0.000026	-0.000006	A to B	A to IO
Story3	C34	223	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C34H2	1	2.65	-11.4908	126.4627	2.5001	0.002257	0.000174	0.000074	A to B	A to IO
Story3	C34	223	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C34H1	0	0	-25.2527	-20.0158	-6.248	-0.000714	-0.000022	-0.000036	A to B	A to IO

Story3	C34	223	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C34H2	1	2.65	-19.9836	-188.409	1.4745	-0.000447	-0.000285	0.000014	A to B	A to IO
Story3	W1	38	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W1H2			19.633	0	0.2885	0.002542	0	0.000000276	A to B	A to IO
Story3	W1	38	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W1H2			-20.4995	0	-8.6215	-0.002654	0	-0.000008	A to B	A to IO
Story3	W1	38	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W1H2			3.4101	0	-0.3363	0.000441	0	-3.218E-07	A to B	A to IO
Story3	W1	38	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W1H2			-22.8982	0	-3.4889	-0.002964	0	-0.000003	A to B	A to IO
Story3	W1	38	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W1H2			8.0707	0	-0.1383	0.001045	0	-1.324E-07	A to B	A to IO
Story3	W1	38	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W1H2			-22.6336	0	-4.8915	-0.002993	0	-0.000005	A to B	A to IO
Story3	W2	41	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W2H2			9.9192	0	2.2161	0.001334	0	0.000002	A to B	A to IO
Story3	W2	41	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W2H2			-23.3176	0	-2.2521	-0.003315	0	-0.000002	A to B	A to IO
Story3	W2	41	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W2H2			-1.3942	0	0.216	-0.000188	0	2.348E-07	A to B	A to IO
Story3	W2	41	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W2H2			-30.4546	0	-3.1043	-0.004114	0	-0.000003	A to B	A to IO

Story3	W2	41	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W2H2			2.1314	0	0.4363	0.000288	0	4.741E-07	A to B	A to IO
Story3	W2	41	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W2H2			-31.1179	0	-3.081	-0.004203	0	-0.000003	A to B	A to IO
Story3	W3	44	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W3H2			-4.3047	0	-1.0838	-0.000581	0	-0.000001	A to B	A to IO
Story3	W3	44	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W3H2			-10.1745	0	-3.8093	-0.001374	0	-0.000004	A to B	A to IO
Story3	W3	44	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W3H2			-3.3614	0	-1.1422	-0.000454	0	-0.000001	A to B	A to IO
Story3	W3	44	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W3H2			-10.1138	0	-2.2659	-0.001366	0	-0.000002	A to B	A to IO
Story3	W3	44	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W3H2			-2.0774	0	-1.0997	-0.000281	0	-0.000001	A to B	A to IO
Story3	W3	44	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W3H2			-10.0897	0	-3.7098	-0.001363	0	-0.000004	A to B	A to IO
Story3	W4	47	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W4H2			-8.4634	0	1.1436	-0.001143	0	0.000001	A to B	A to IO
Story3	W4	47	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W4H2			-13.3501	0	-1.1623	-0.001803	0	-0.000001	A to B	A to IO
Story3	W4	47	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W4H2			-6.1315	0	0.4902	-0.000828	0	0.000001	A to B	A to IO

Story3	W4	47	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W4H2			-13.4099	0	-0.7346	-0.001811	0	-0.000001	A to B	A to IO
Story3	W4	47	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W4H2			-4.8146	0	1.9552	-0.00065	0	0.000002	A to B	A to IO
Story3	W4	47	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W4H2			-13.3271	0	-0.777	-0.0018	0	-0.000001	A to B	A to IO
Story3	W5	50	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W5H2			-5.5823	0	-0.5784	-0.000754	0	-0.000001	A to B	A to IO
Story3	W5	50	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W5H2			-10.1524	0	-2.1086	-0.001371	0	-0.000002	A to B	A to IO
Story3	W5	50	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W5H2			-2.2505	0	-0.9618	-0.000304	0	-0.000001	A to B	A to IO
Story3	W5	50	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W5H2			-10.2346	0	-4.0495	-0.001383	0	-0.000004	A to B	A to IO
Story3	W5	50	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W5H2			-1.6298	0	-0.7074	-0.00022	0	-0.000001	A to B	A to IO
Story3	W5	50	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W5H2			-10.2072	0	-5.3309	-0.001379	0	-0.000006	A to B	A to IO
Story3	W6	53	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W6H2			-7.3851	0	0.953	-0.000998	0	0.000001	A to B	A to IO
Story3	W6	53	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W6H2			-13.4316	0	-1.1476	-0.001814	0	-0.000001	A to B	A to IO

Story3	W6	53	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W6H2			-6.3572	0	1.4171	-0.000859	0	0.000002	A to B	A to IO
Story3	W6	53	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W6H2			-13.4223	0	-0.8072	-0.001813	0	-0.000001	A to B	A to IO
Story3	W6	53	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W6H2			-5.956	0	2.5578	-0.000805	0	0.000003	A to B	A to IO
Story3	W6	53	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W6H2			-13.3276	0	-0.8885	-0.0018	0	-0.000001	A to B	A to IO
Story3	W7	56	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W7H2			7.5835	0	4.614	0.001024	0	0.000005	A to B	A to IO
Story3	W7	56	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W7H2			-30.5094	0	-2.3641	-0.004121	0	-0.000003	A to B	A to IO
Story3	W7	56	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W7H2			17.1497	0	5.7263	0.002317	0	0.000006	A to B	A to IO
Story3	W7	56	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W7H2			-20.4541	0	-0.6543	-0.002763	0	-0.000001	A to B	A to IO
Story3	W7	56	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W7H2			18.8207	0	6.6156	0.002542	0	0.000007	A to B	A to IO
Story3	W7	56	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W7H2			-23.1854	0	-0.913	-0.003132	0	-0.000001	A to B	A to IO
Story3	W8	59	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W8H2			1.0083	0	2.306	0.000137	0	0.000003	A to B	A to IO

Story3	W8	59	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W8H2			-30.3351	0	-0.4057	-0.004111	0	-4.453E-07	A to B	A to IO
Story3	W8	59	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W8H2			12.0741	0	1.7442	0.001636	0	0.000002	A to B	A to IO
Story3	W8	59	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W8H2			-22.0984	0	-2.4871	-0.002995	0	-0.000003	A to B	A to IO
Story3	W8	59	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W8H2			12.9835	0	1.8204	0.00176	0	0.000002	A to B	A to IO
Story3	W8	59	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W8H2			-25.0603	0	-2.7517	-0.003396	0	-0.000003	A to B	A to IO
Story2	C1	123	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C1H3	0	0	2.4509	-0.2465	0.0747	0.000417	-0.000058	0.000008	A to B	A to IO
Story2	C1	123	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C1H4	1	2.65	2.6153	0.6275	0.0124	0.000439	0.000159	0.000001	A to B	A to IO
Story2	C1	123	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C1H3	0	0	-4.1501	-0.6123	-0.0232	-0.000881	-0.000155	-0.000003	A to B	A to IO
Story2	C1	123	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C1H4	1	2.65	-4.2404	-0.3274	-0.0257	-0.000923	-0.000077	-0.000003	A to B	A to IO
Story2	C1	123	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C1H3	0	0	0.1653	-0.2988	0.0557	-0.000007	-0.000073	0.000006	A to B	A to IO
Story2	C1	123	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C1H4	1	2.65	0.0525	0.9238	0.0176	0.000005	0.000234	0.000002	A to B	A to IO

Story2	C1	123	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C1H3	0	0	-5.4184	-0.5971	-0.0252	-0.00115	-0.00015	-0.000003	A to B	A to IO
Story2	C1	123	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C1H4	1	2.65	-5.4915	-0.0322	-0.0225	-0.001209	-0.000008	-0.000002	A to B	A to IO
Story2	C1	123	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C1H3	0	0	1.0627	-0.2377	0.0555	0.000147	-0.000058	0.000006	A to B	A to IO
Story2	C1	123	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C1H4	1	2.65	1.0031	0.9182	0.0209	0.000163	0.00233	0.000002	A to B	A to IO
Story2	C1	123	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C1H3	0	0	-5.5274	-0.5126	-0.033	-0.001174	-0.00131	-0.000004	A to B	A to IO
Story2	C1	123	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C1H4	1	2.65	-5.6143	-0.1694	-0.0206	-0.001233	-0.00004	-0.000002	A to B	A to IO
Story2	C2	126	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C2H3	0	0	-1.539	0.6622	0.0606	-0.000371	0.000165	0.000007	A to B	A to IO
Story2	C2	126	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C2H4	1	2.65	-1.5541	0.5984	0.0033	-0.000381	0.000149	3.581E-07	A to B	A to IO
Story2	C2	126	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C2H3	0	0	-2.3103	-0.5464	0.0005	-0.000491	-0.000136	5.135E-08	A to B	A to IO
Story2	C2	126	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C2H4	1	2.65	-2.3945	-0.908	-0.0251	-0.000508	-0.000225	-0.000003	A to B	A to IO
Story2	C2	126	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C2H3	0	0	-1.2442	0.3794	0.0439	-0.000326	0.000096	0.000005	A to B	A to IO

Story2	C2	126	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C2H4	1	2.65	-1.0828	1.0572	0.0066	-0.000349	0.000261	0.000001	A to B	A to IO
Story2	C2	126	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C2H3	0	0	-2.3215	-0.6184	-0.0062	-0.000493	-0.000153	-0.000001	A to B	A to IO
Story2	C2	126	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C2H4	1	2.65	-2.4062	-0.4668	-0.0175	-0.000512	-0.000117	-0.000002	A to B	A to IO
Story2	C2	126	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C2H3	0	0	-1.0889	0.3982	0.0478	-0.000305	0.0001	0.000005	A to B	A to IO
Story2	C2	126	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C2H4	1	2.65	-0.9632	1.0721	0.0082	-0.000327	0.000264	0.000001	A to B	A to IO
Story2	C2	126	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C2H3	0	0	-2.3232	-0.7007	-0.0088	-0.000493	-0.000173	-0.000001	A to B	A to IO
Story2	C2	126	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C2H4	1	2.65	-2.4078	-0.656	-0.0191	-0.000511	-0.000163	-0.000002	A to B	A to IO
Story2	C6	5	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C6H3	0	0	-6.3658	151.4661	-0.1302	0.000012	0.000172	-0.000001	A to B	A to IO
Story2	C6	5	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C6H4	1	2.65	-11.5586	145.8081	0.3037	0.001378	0.000161	0.000012	A to B	A to IO
Story2	C6	5	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C6H3	0	0	-16.6907	-118.3627	-0.9906	-0.000472	-0.000131	-0.000002	A to B	A to IO
Story2	C6	5	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C6H4	1	2.65	-43.609	-202.6864	-8.3871	-0.000441	-0.000295	0.000001	A to B	A to IO

Story2	C6	5	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C6H3	0	0	-0.2261	89.1411	-0.1824	-0.000006	0.000098	-0.000001	A to B	A to IO
Story2	C6	5	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C6H4	1	2.65	-13.0323	237.7998	0.2959	0.002511	0.000381	0.000021	A to B	A to IO
Story2	C6	5	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C6H3	0	0	-16.7305	-129.1644	-0.3626	-0.000473	-0.000142	-0.000002	A to B	A to IO
Story2	C6	5	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C6H4	1	2.65	-65.3803	-114.4576	-13.7021	-0.000442	-0.000126	-0.000001	A to B	A to IO
Story2	C6	5	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C6H3	0	0	-1.0854	94.8572	-0.1078	-0.000031	0.000105	-0.000001	A to B	A to IO
Story2	C6	5	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C6H4	1	2.65	-12.631	233.4568	0.2655	0.002291	0.000367	0.000019	A to B	A to IO
Story2	C6	5	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C6H3	0	0	-16.4951	-143.0511	-0.3664	-0.000467	-0.000158	-0.000002	A to B	A to IO
Story2	C6	5	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C6H4	1	2.65	-64.5307	-162.1603	-13.0022	-0.000435	-0.000196	-0.000001	A to B	A to IO
Story2	C11	14	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C11H3	0	0	-21.9355	121.7264	-1.2	-0.000586	0.000134	0.000007	A to B	A to IO
Story2	C11	14	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C11H4	1	2.65	-24.7215	208.7728	-0.5701	0.000738	0.000299	0.000007	A to B	A to IO
Story2	C11	14	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C11H3	0	0	-30.4608	-157.8183	-0.3894	-0.000862	-0.000179	-0.000005	A to B	A to IO

Story2	C11	14	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C11H4	1	2.65	-62.7668	-149.292	-8.7832	-0.000825	-0.000165	-0.000004	A to B	A to IO
Story2	C11	14	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C11H3	0	0	-10.3246	136.9678	1.0759	-0.000292	0.000151	0.000006	A to B	A to IO
Story2	C11	14	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C11H4	1	2.65	-24.0822	117.2516	-0.5869	0.002255	0.000129	0.000015	A to B	A to IO
Story2	C11	14	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C11H3	0	0	-30.9841	-91.699	0.6804	-0.000877	-0.000101	0.000004	A to B	A to IO
Story2	C11	14	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C11H4	1	2.65	-75.7451	-243.284	-14.837	-0.000839	-0.000391	-0.000004	A to B	A to IO
Story2	C11	14	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C11H3	0	0	-11.9771	151.0221	1.1765	-0.000258	0.000169	0.000007	A to B	A to IO
Story2	C11	14	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C11H4	1	2.65	-25.994	166.6874	-0.5743	0.002089	0.000197	0.000013	A to B	A to IO
Story2	C11	14	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C11H3	0	0	-30.085	-97.7135	0.4582	-0.000851	-0.000108	0.000005	A to B	A to IO
Story2	C11	14	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C11H4	1	2.65	-74.492	-239.6044	-14.3375	-0.000814	-0.00038	-0.000004	A to B	A to IO
Story2	C13	20	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C13H3	0	0	2.6111	3.5031	15.4222	0.005891	0.000244	0.000958	A to B	A to IO
Story2	C13	20	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C13H4	1	2.65	6.2463	4.8524	18.6837	0.005703	0.000119	0.001446	A to B	A to IO

Story2	C13	20	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C13H3	0	0	-53.2358	-7.0029	-24.1024	-0.002363	-0.000158	-0.00145	A to B	A to IO
Story2	C13	20	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C13H4	1	2.65	-20.0655	-3.6446	-15.5238	-0.00119	-0.000148	-0.000677	A to B	A to IO
Story2	C13	20	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C13H3	0	0	3.0477	5.5252	22.953	0.005053	0.000087	0.001832	A to B	A to IO
Story2	C13	20	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C13H4	1	2.65	3.7612	2.8558	11.06	0.000783	0.000273	0.00053	A to B	A to IO
Story2	C13	20	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C13H3	0	0	-26.8598	-3.3768	-13.3089	-0.001411	-0.000231	-0.000581	A to B	A to IO
Story2	C13	20	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C13H4	1	2.65	-26.5544	-6.9179	-24.8275	-0.000797	-0.000072	-0.001345	A to B	A to IO
Story2	C13	20	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C13H3	0	0	2.6463	5.6413	23.2558	0.004618	0.000164	0.001826	A to B	A to IO
Story2	C13	20	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C13H4	1	2.65	3.219	3.7155	14.1023	0.002857	0.000277	0.000898	A to B	A to IO
Story2	C13	20	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C13H3	0	0	-29.5711	-5.1264	-18.2301	-0.000948	-0.000236	-0.000866	A to B	A to IO
Story2	C13	20	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C13H4	1	2.65	-27.8196	-7.1387	-25.3062	-0.000652	-0.000098	-0.001366	A to B	A to IO
Story2	C17	29	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C17H3	0	0	0.4263	3.6907	9.4782	0.000143	0.000025	0.000397	A to B	A to IO
Story2	C17	29	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C17H4	1	2.65	-1.3584	3.9999	15.1215	0.000912	0.000052	0.000878	A to B	A to IO

Story2	C17	29	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C17H3	0	0	-11.0551	-2.9658	-13.906	-0.001198	-0.000073	-0.000598	A to B	A to IO
Story2	C17	29	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C17H4	1	2.65	-16.7447	-4.5544	-13.363	-0.001061	-0.000024	-0.000543	A to B	A to IO
Story2	C17	29	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C17H3	0	0	-3.309	1.6591	13.7512	-0.000291	0.000052	0.000658	A to B	A to IO
Story2	C17	29	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C17H4	1	2.65	-2.2424	6.6965	8.9277	-0.000287	0.000029	0.000378	A to B	A to IO
Story2	C17	29	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C17H3	0	0	-19.6593	-4.0511	-6.696	-0.001404	-0.000043	-0.00029	A to B	A to IO
Story2	C17	29	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C17H4	1	2.65	-16.2311	-2.6015	-21.1567	-0.001228	-0.000046	-0.000909	A to B	A to IO
Story2	C17	29	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C17H3	0	0	-1.6613	2.1769	14.065	-0.000105	0.000052	0.000686	A to B	A to IO
Story2	C17	29	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C17H4	1	2.65	-1.5796	6.7792	11.9208	0.000075	0.000038	0.000556	A to B	A to IO
Story2	C17	29	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C17H3	0	0	-20.8486	-4.1757	-8.7878	-0.001373	-0.000058	-0.000382	A to B	A to IO
Story2	C17	29	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C17H4	1	2.65	-17.2688	-3.5397	-21.4927	-0.001195	-0.000048	-0.000928	A to B	A to IO
Story2	C19	129	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C19H3	0	0	0.8107	0.7069	0.0866	0.000112	0.000181	0.000009	A to B	A to IO

Story2	C19	129	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C19H4	1	2.65	0.815	0.14	0.0351	0.000132	0.000033	0.000004	A to B	A to IO
Story2	C19	129	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C19H3	0	0	-5.8469	0.1157	-0.0722	-0.001252	0.000028	-0.000008	A to B	A to IO
Story2	C19	129	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C19H4	1	2.65	-6.1527	-1.0285	-0.0366	-0.001354	-0.00026	-0.000004	A to B	A to IO
Story2	C19	129	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C19H3	0	0	2.9822	0.6305	0.1056	0.000511	0.00016	0.000011	A to B	A to IO
Story2	C19	129	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C19H4	1	2.65	3.2983	0.5309	0.0177	0.000054	0.000126	0.000002	A to B	A to IO
Story2	C19	129	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C19H3	0	0	-3.9979	0.1962	-0.0333	-0.000875	0.000046	-0.000004	A to B	A to IO
Story2	C19	129	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C19H4	1	2.65	-4.2844	-0.6945	-0.0453	-0.000094	-0.000176	-0.000005	A to B	A to IO
Story2	C19	129	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C19H3	0	0	3.159	0.6294	0.1135	0.000542	0.000159	0.000011	A to B	A to IO
Story2	C19	129	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C19H4	1	2.65	3.4898	0.5335	0.0198	0.000575	0.000127	0.000002	A to B	A to IO
Story2	C19	129	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C19H3	0	0	-4.7495	0.1372	-0.0367	-0.001014	0.000032	-0.000004	A to B	A to IO
Story2	C19	129	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C19H4	1	2.65	-4.9763	-0.8484	-0.0481	-0.001097	-0.000215	-0.000005	A to B	A to IO
Story2	C20	8	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C20H3	0	0	11.4105	186.9282	-0.0176	0.000323	0.000206	-9.681E-08	A to B	A to IO
Story2	C20	8	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C20H4	1	2.65	16.6575	125.6267	5.0485	0.000471	0.000139	0.000039	A to B	A to IO

Story2	C20	8	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C20H3	0	0	-116.5036	-133.4873	-5.932	-0.003296	-0.000147	-0.000035	A to B	A to IO
Story2	C20	8	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C20H4	1	2.65	-110.3803	-187.7525	4.4579	-0.002792	-0.000219	0.000026	A to B	A to IO
Story2	C20	8	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C20H3	0	0	30.4879	102.6138	-1.5247	0.003322	0.000113	0.000047	A to B	A to IO
Story2	C20	8	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C20H4	1	2.65	36.1314	203.7321	4.7607	0.006575	0.000376	0.000133	A to B	A to IO
Story2	C20	8	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C20H3	0	0	-76.5763	-167.9146	-5.9654	-0.002166	-0.000252	-0.000035	A to B	A to IO
Story2	C20	8	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C20H4	1	2.65	-71.3293	-96.7284	0.8273	-0.002018	-0.000107	0.000026	A to B	A to IO
Story2	C20	8	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C20H3	0	0	31.9873	116.0637	0.6181	0.000401	0.000128	0.000056	A to B	A to IO
Story2	C20	8	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C20H4	1	2.65	37.7837	200.6715	5.0445	0.006335	0.000366	0.000126	A to B	A to IO
Story2	C20	8	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C20H3	0	0	-90.1372	-176.5551	-5.9221	-0.002558	-0.000284	-0.000034	A to B	A to IO
Story2	C20	8	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C20H4	1	2.65	-84.8902	-142.1112	0.6102	-0.002402	-0.000157	0.000026	A to B	A to IO
Story2	C21	17	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C21H3	0	0	-2.4494	137.7397	4.5413	-0.000069	0.000152	0.000027	A to B	A to IO
Story2	C21	17	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C21H4	1	2.65	2.7976	192.3519	0.6135	0.000079	0.000213	0.000004	A to B	A to IO

Story2	C21	17	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C21H3	0	0	-131.6932	-191.2945	-0.8945	-0.003651	-0.000213	-0.000005	A to B	A to IO
Story2	C21	17	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C21H4	1	2.65	-125.4493	-129.0305	-0.02	-0.003503	-0.000142	3.212E-07	A to B	A to IO
Story2	C21	17	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C21H3	0	0	16.7883	173.0887	3.2118	0.003258	0.000267	0.000082	A to B	A to IO
Story2	C21	17	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C21H4	1	2.65	21.8473	99.0057	0.4851	0.005998	0.000109	0.000107	A to B	A to IO
Story2	C21	17	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C21H3	0	0	-89.2487	-105.1184	-0.9573	-0.002525	-0.000116	-0.000006	A to B	A to IO
Story2	C21	17	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C21H4	1	2.65	-84.0017	-209.9824	-3.0137	-0.002376	-0.000378	-4.04E-08	A to B	A to IO
Story2	C21	17	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C21H3	0	0	17.7141	182.1856	6.4248	0.003942	0.000295	0.000091	A to B	A to IO
Story2	C21	17	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C21H4	1	2.65	23.3774	145.0212	0.7391	0.005834	0.00016	0.000101	A to B	A to IO
Story2	C21	17	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C21H3	0	0	-103.1161	-119.0513	-0.93	-0.002917	-0.000131	-0.000005	A to B	A to IO
Story2	C21	17	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C21H4	1	2.65	-97.8691	-207.4544	-3.2329	-0.002769	-0.000371	3.485E-07	A to B	A to IO
Story2	C22	23	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C22H3	0	0	-2.3265	4.1077	13.4947	-0.000177	0.000053	0.000642	A to B	A to IO
Story2	C22	23	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C22H4	1	2.65	-1.3674	3.2798	11.0161	-0.000192	0.000043	0.000471	A to B	A to IO

Story2	C22	23	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C22H3	0	0	-18.1286	-2.2221	-8.5003	-0.001335	-0.000044	-0.000358	A to B	A to IO
Story2	C22	23	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C22H4	1	2.65	-13.4618	-6.1329	-19.8351	-0.001175	-0.000034	-0.000837	A to B	A to IO
Story2	C22	23	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C22H3	0	0	1.7051	2.6959	8.5837	0.000296	0.000082	0.000362	A to B	A to IO
Story2	C22	23	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C22H4	1	2.65	-1.2498	5.0306	16.325	0.001463	0.00002	0.001018	A to B	A to IO
Story2	C22	23	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C22H3	0	0	-10	-3.9954	-15.058	-0.0011	-0.000017	-0.000649	A to B	A to IO
Story2	C22	23	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C22H4	1	2.65	-15.5678	-3.4085	-11.0967	-0.000974	-0.000057	-0.000466	A to B	A to IO
Story2	C22	23	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C22H3	0	0	1.6844	3.132	10.3737	0.000312	0.000083	0.000441	A to B	A to IO
Story2	C22	23	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C22H4	1	2.65	-1.4012	5.0925	16.5402	0.001046	0.000028	0.001037	A to B	A to IO
Story2	C22	23	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C22H3	0	0	-11.3038	-4.2295	-15.6512	-0.001251	-0.000031	-0.000677	A to B	A to IO
Story2	C22	23	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C22H4	1	2.65	-16.5283	-4.4418	-14.5046	-0.001104	-0.000059	-0.00061	A to B	A to IO
Story2	C23	26	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C23H3	0	0	6.7119	2.3495	13.0097	0.000747	0.000073	0.000586	A to B	A to IO
Story2	C23	26	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C23H4	1	2.65	6.2685	5.3772	10.6177	0.000711	0.000026	0.000459	A to B	A to IO

Story2	C23	26	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C23H3	0	0	-18.2873	-3.5345	-8.1973	-0.001742	-0.000035	-0.000349	A to B	A to IO
Story2	C23	26	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C23H4	1	2.65	-16.9991	-3.1869	-18.5256	-0.001523	-0.000052	-0.000768	A to B	A to IO
Story2	C23	26	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C23H3	0	0	11.0754	4.0968	7.7182	0.001263	0.000043	0.000333	A to B	A to IO
Story2	C23	26	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C23H4	1	2.65	5.2395	2.9221	15.7254	0.002385	0.000049	0.000993	A to B	A to IO
Story2	C23	26	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C23H3	0	0	-10.2998	-2.0682	-14.6534	-0.001112	-0.000067	-0.000628	A to B	A to IO
Story2	C23	26	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C23H4	1	2.65	-10.2053	-4.807	-10.124	-0.000993	-0.000031	-0.000427	A to B	A to IO
Story2	C23	26	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C23H3	0	0	11.8309	4.3653	9.4022	0.001381	0.000055	0.000407	A to B	A to IO
Story2	C23	26	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C23H4	1	2.65	5.6867	3.9119	15.8708	0.002047	0.000051	0.00101	A to B	A to IO
Story2	C23	26	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C23H3	0	0	-11.6335	-2.4727	-15.1692	-0.001271	-0.000069	-0.000655	A to B	A to IO
Story2	C23	26	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C23H4	1	2.65	-11.6538	-4.8404	-13.4344	-0.001123	-0.000038	-0.000566	A to B	A to IO
Story2	C24	83	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C24H3	0	0	-1.3541	0.6927	0.0561	-0.000357	0.000172	0.000006	A to B	A to IO
Story2	C24	83	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C24H4	1	2.65	-1.3058	0.5815	0.0112	-0.000378	0.000145	0.000001	A to B	A to IO

Story2	C24	83	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C24H3	0	0	-2.3039	-0.5148	-0.0175	-0.000489	-0.000129	-0.000002	A to B	A to IO
Story2	C24	83	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C24H4	1	2.65	-2.3897	-0.9308	-0.0231	-0.000507	-0.000023	-0.000003	A to B	A to IO
Story2	C24	83	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C24H3	0	0	-1.4898	0.4024	0.0648	-0.000372	0.000101	0.000007	A to B	A to IO
Story2	C24	83	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C24H4	1	2.65	-1.3382	1.0374	0.0037	-0.000398	0.000256	4.016E-07	A to B	A to IO
Story2	C24	83	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C24H3	0	0	-2.3005	-0.5965	-0.0011	-0.000489	-0.000148	-1.178E-07	A to B	A to IO
Story2	C24	83	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C24H4	1	2.65	-2.3835	-0.4832	-0.0274	-0.000507	-0.000121	-0.000003	A to B	A to IO
Story2	C24	83	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C24H3	0	0	-1.4275	0.4313	0.0672	-0.000365	0.000108	0.000007	A to B	A to IO
Story2	C24	83	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C24H4	1	2.65	-1.3136	1.0501	0.0041	-0.000377	0.000259	0.000000454	A to B	A to IO
Story2	C24	83	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C24H3	0	0	-2.2987	-0.6719	-0.0016	-0.000488	-0.000167	-0.000000181	A to B	A to IO
Story2	C24	83	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C24H4	1	2.65	-2.3818	-0.6752	-0.0285	-0.000506	-0.000168	-0.000003	A to B	A to IO
Story2	C26	221	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C26H3	0	0	-8.7903	151.5469	-0.1516	-0.000249	0.000169	-0.000001	A to B	A to IO

Story2	C26	221	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C26H4	1	2.65	-11.3766	145.5825	0.3036	0.001159	0.000161	0.000012	A to B	A to IO
Story2	C26	221	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C26H3	0	0	-17.1305	-117.055	-0.5754	-0.000485	-0.000129	-0.000002	A to B	A to IO
Story2	C26	221	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C26H4	1	2.65	-50.325	-204.537	-8.1135	-0.000453	-0.000296	0.000001	A to B	A to IO
Story2	C26	221	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C26H3	0	0	4.1918	88.8049	-0.2186	0.000119	0.000098	-0.000001	A to B	A to IO
Story2	C26	221	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C26H4	1	2.65	-11.3057	235.5508	0.2863	0.002615	0.000378	0.00002	A to B	A to IO
Story2	C26	221	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C26H3	0	0	-17.826	-127.2543	-0.4383	-0.000504	-0.00014	-0.000003	A to B	A to IO
Story2	C26	221	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C26H4	1	2.65	-60.3872	-114.1763	-13.7798	-0.000472	-0.000126	0.000001	A to B	A to IO
Story2	C26	221	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C26H3	0	0	2.6532	95.3656	-0.1553	0.000075	0.000105	-0.000001	A to B	A to IO
Story2	C26	221	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C26H4	1	2.65	-13.4382	231.094	0.2993	0.002362	0.000363	0.000018	A to B	A to IO
Story2	C26	221	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C26H3	0	0	-17.1076	-141.4345	-0.3774	-0.000484	-0.000156	-0.000002	A to B	A to IO
Story2	C26	221	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C26H4	1	2.65	-59.943	-162.7128	-13.0181	-0.000452	-0.000195	0.000001	A to B	A to IO

Story2	C28	227	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C28H3	0	0	-21.5694	120.1491	1.164	-0.000276	0.000133	0.000007	A to B	A to IO
Story2	C28	227	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C28H4	1	2.65	-23.6052	210.0262	-0.5725	0.001118	0.000306	0.000007	A to B	A to IO
Story2	C28	227	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C28H3	0	0	-30.5175	-158.2388	-0.2448	-0.000863	-0.000184	0.000006	A to B	A to IO
Story2	C28	227	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C28H4	1	2.65	-56.7899	-148.7749	-9.6282	-0.000826	-0.000164	-0.000004	A to B	A to IO
Story2	C28	227	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C28H3	0	0	-16.5963	134.8737	1.1008	-0.000047	0.000149	0.000006	A to B	A to IO
Story2	C28	227	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C28H4	1	2.65	-24.616	116.9761	-0.5803	0.001969	0.000129	0.000015	A to B	A to IO
Story2	C28	227	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C28H3	0	0	-30.4454	-91.5046	0.9326	-0.000861	-0.000101	0.000005	A to B	A to IO
Story2	C28	227	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C28H4	1	2.65	-79.1866	-241.3734	-14.0972	-0.000824	-0.000383	-0.000004	A to B	A to IO
Story2	C28	227	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C28H3	0	0	-18.9503	149.8179	1.1663	-0.000536	0.000165	0.000007	A to B	A to IO
Story2	C28	227	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C28H4	1	2.65	-24.4679	166.3911	-0.6098	0.001707	0.000198	0.000014	A to B	A to IO
Story2	C28	227	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C28H3	0	0	-30.0828	-98.8879	0.9342	-0.000851	-0.000109	0.000005	A to B	A to IO

Story2	C28	227	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C28H4	1	2.65	-79.6714	-237.5419	-13.3911	-0.000814	-0.000369	-0.000004	A to B	A to IO
Story2	C31	2	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C31H3	0	0	38.2082	168.8853	0.8096	0.003775	0.00026	0.000047	A to B	A to IO
Story2	C31	2	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C31H4	1	2.65	42.5964	123.0403	7.6199	0.004428	0.000136	0.000085	A to B	A to IO
Story2	C31	2	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C31H3	0	0	-126.396	-140.3308	-9.4928	-0.002898	-0.000141	-0.00004	A to B	A to IO
Story2	C31	2	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C31H4	1	2.65	-137.0867	-170.3766	-8.4897	-0.003333	-0.000276	-0.000037	A to B	A to IO
Story2	C31	2	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C31H3	0	0	11.5607	103.7265	-0.2504	0.000327	0.000114	-0.000001	A to B	A to IO
Story2	C31	2	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C31H4	1	2.65	16.8077	212.0242	5.1149	0.000475	0.000283	0.000064	A to B	A to IO
Story2	C31	2	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C31H3	0	0	-128.5303	-165.5163	-5.9468	-0.003636	-0.000183	-0.000035	A to B	A to IO
Story2	C31	2	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C31H4	1	2.65	-126.2092	-96.7788	-3.7953	-0.003245	-0.000107	-0.000026	A to B	A to IO
Story2	C31	2	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C31H3	0	0	21.8632	116.3191	1.0142	0.000619	0.000128	0.000006	A to B	A to IO
Story2	C31	2	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C31H4	1	2.65	27.6894	211.8607	5.1717	0.001309	0.000277	0.000066	A to B	A to IO
Story2	C31	2	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C31H3	0	0	-133.3852	-180.7714	-5.9074	-0.003773	-0.000199	-0.000034	A to B	A to IO

Story2	C31	2	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C31H4	1	2.65	-127.8128	-138.8087	3.545	-0.003068	-0.000167	0.000026	A to B	A to IO
Story2	C32	11	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C32H3	0	0	15.1693	147.3543	5.5232	0.003563	0.000145	0.000083	A to B	A to IO
Story2	C32	11	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C32H4	1	2.65	21.4841	180.682	0.5457	0.003774	0.000286	0.000061	A to B	A to IO
Story2	C32	11	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C32H3	0	0	-142.9321	-179.2851	-5.4808	-0.003151	-0.000283	-0.000011	A to B	A to IO
Story2	C32	11	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C32H4	1	2.65	-99.152	-127.5146	-2.091	-0.002659	-0.000141	1.604E-07	A to B	A to IO
Story2	C32	11	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C32H3	0	0	-5.4743	180.869	4.7886	-0.000155	0.0002	0.000028	A to B	A to IO
Story2	C32	11	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C32H4	1	2.65	-0.2273	101.3298	0.3783	-0.000006	0.000112	0.000038	A to B	A to IO
Story2	C32	11	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C32H3	0	0	-133.7154	-109.439	-0.9697	-0.003783	-0.000121	-0.000006	A to B	A to IO
Story2	C32	11	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C32H4	1	2.65	-130.379	-220.5629	-1.4397	-0.003045	-0.000298	2.081E-07	A to B	A to IO
Story2	C32	11	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C32H3	0	0	3.4736	194.9329	5.7028	0.000098	0.000221	0.000037	A to B	A to IO
Story2	C32	11	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C32H4	1	2.65	8.9419	145.703	0.512	0.000523	0.000168	0.000038	A to B	A to IO
Story2	C32	11	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C32H3	0	0	-138.8205	-124.1572	-0.9295	-0.003823	-0.000137	-0.000005	A to B	A to IO

Story2	C32	11	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C32H4	1	2.65	-132.3066	-220.42	-1.1376	-0.003362	-0.000296	2.568E-07	A to B	A to IO
Story2	C33	218	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C33H3	0	0	-10.4819	200.2531	0.8208	0.001379	0.000295	0.000045	A to B	A to IO
Story2	C33	218	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C33H4	1	2.65	-26.1262	140.0254	4.7835	0.001828	0.000154	0.000081	A to B	A to IO
Story2	C33	218	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C33H3	0	0	-161.98	-162.7956	-11.2514	-0.003941	-0.000166	-0.000051	A to B	A to IO
Story2	C33	218	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C33H4	1	2.65	-47.9375	-197.2489	2.1198	-0.000919	-0.000299	0.000026	A to B	A to IO
Story2	C33	218	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C33H3	0	0	-31.3719	120.4572	-0.2773	0.001065	0.000133	0.000051	A to B	A to IO
Story2	C33	218	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C33H4	1	2.65	-26.1249	226.6509	4.6808	0.004179	0.000393	0.000127	A to B	A to IO
Story2	C33	218	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C33H3	0	0	-44.2877	-191.2895	-5.8593	-0.000099	-0.000273	-0.000034	A to B	A to IO
Story2	C33	218	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C33H4	1	2.65	-38.956	-110.0547	1.0649	-0.000842	-0.000121	0.000026	A to B	A to IO
Story2	C33	218	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C33H3	0	0	-31.4645	140.9837	0.3475	0.001554	0.000156	0.000059	A to B	A to IO
Story2	C33	218	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C33H4	1	2.65	-26.2175	222.9691	4.7394	0.003776	0.000378	0.000119	A to B	A to IO

Story2	C33	218	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C33H3	0	0	-44.505	-199.3519	-5.8357	-0.001141	-0.000297	-0.000034	A to B	A to IO
Story2	C33	218	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C33H4	1	2.65	-41.0967	-157.7382	0.9765	-0.000865	-0.000184	0.000026	A to B	A to IO
Story2	C34	224	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C34H3	0	0	-22.8538	168.0571	5.64	0.001387	0.000169	0.00008	A to B	A to IO
Story2	C34	224	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C34H4	1	2.65	-38.9289	204.6721	0.2018	0.001429	0.000305	0.000053	A to B	A to IO
Story2	C34	224	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C34H3	0	0	-175.24	-205.5631	-6.5784	-0.004108	-0.00031	-0.000019	A to B	A to IO
Story2	C34	224	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C34H4	1	2.65	-58.1102	-143.4574	-2.4661	-0.001271	-0.000158	-1.293E-07	A to B	A to IO
Story2	C34	224	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C34H3	0	0	-44.1936	197.0887	4.4067	0.001038	0.00029	0.000087	A to B	A to IO
Story2	C34	224	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C34H4	1	2.65	-38.9466	113.4048	0.132	0.003585	0.000125	0.000096	A to B	A to IO
Story2	C34	224	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C34H3	0	0	-58.4407	-124.1908	-0.7661	-0.001365	-0.000137	-0.000004	A to B	A to IO
Story2	C34	224	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C34H4	1	2.65	-52.1962	-233.4277	-3.5274	-0.001216	-0.000396	-1.261E-07	A to B	A to IO
Story2	C34	224	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C34H3	0	0	-44.3126	206.0333	5.4472	0.001059	0.000316	0.000095	A to B	A to IO

Story2	C34	224	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C34H4	1	2.65	-39.0656	162.6488	0.2861	0.003288	0.000181	0.000089	A to B	A to IO
Story2	C34	224	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C34H3	0	0	-58.0778	-145.253	-0.6539	-0.001507	-0.00016	-0.000004	A to B	A to IO
Story2	C34	224	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C34H4	1	2.65	-53.601	-230.443	-3.6674	-0.001304	-0.000385	-1.732E-07	A to B	A to IO
Story2	W1	39	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W1H3			53.6577	0	0.7061	0.006947	0	0.000001	A to B	A to IO
Story2	W1	39	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W1H3			-55.6259	0	-17.2865	-0.007202	0	-0.000017	A to B	A to IO
Story2	W1	39	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W1H3			12.8508	0	0.7594	0.001664	0	0.000001	A to B	A to IO
Story2	W1	39	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W1H3			-69.6054	0	-8.7235	-0.009011	0	-0.000008	A to B	A to IO
Story2	W1	39	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W1H3			24.9842	0	0.2863	0.003235	0	2.739E-07	A to B	A to IO
Story2	W1	39	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W1H3			-71.4253	0	-11.1183	-0.009247	0	-0.000011	A to B	A to IO
Story2	W2	42	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W2H3			16.7858	0	-2.4906	0.002267	0	-0.000003	A to B	A to IO
Story2	W2	42	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W2H3			-59.8149	0	-6.5936	-0.008008	0	-0.000007	A to B	A to IO

Story2	W2	42	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W2H3			-8.2418	0	-2.4399	-0.001113	0	-0.000003	A to B	A to IO
Story2	W2	42	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W2H3			-76.0781	0	-5.202	-0.010277	0	-0.000006	A to B	A to IO
Story2	W2	42	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W2H3			1.6512	0	-2.254	0.000223	0	-0.000002	A to B	A to IO
Story2	W2	42	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W2H3			-76.4649	0	-5.6691	-0.010329	0	-0.000006	A to B	A to IO
Story2	W3	45	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W3H3			-12.7915	0	-0.9589	-0.001728	0	-0.000001	A to B	A to IO
Story2	W3	45	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W3H3			-26.7006	0	-7.4408	-0.003607	0	-0.000008	A to B	A to IO
Story2	W3	45	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W3H3			-8.9736	0	-1.3728	-0.001212	0	-0.000001	A to B	A to IO
Story2	W3	45	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W3H3			-26.5842	0	-6.8733	-0.003591	0	-0.000007	A to B	A to IO
Story2	W3	45	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W3H3			-8.9957	0	-1.1722	-0.001215	0	-0.000001	A to B	A to IO
Story2	W3	45	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W3H3			-26.4809	0	-6.0068	-0.003577	0	-0.000007	A to B	A to IO
Story2	W4	48	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W4H3			-27.0565	0	-2.4014	-0.003655	0	-0.000003	A to B	A to IO

Story2	W4	48	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W4H3			-36.9119	0	-5.5116	-0.004986	0	-0.000006	A to B	A to IO
Story2	W4	48	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W4H3			-16.2982	0	2.1781	-0.002202	0	0.000002	A to B	A to IO
Story2	W4	48	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W4H3			-37.5134	0	-4.7026	-0.005067	0	-0.000005	A to B	A to IO
Story2	W4	48	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W4H3			-15.3826	0	1.9127	-0.002078	0	0.000002	A to B	A to IO
Story2	W4	48	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W4H3			-36.928	0	-4.7487	-0.004988	0	-0.000005	A to B	A to IO
Story2	W5	51	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W5H3			-16.7702	0	0.0866	-0.002265	0	9.41E-08	A to B	A to IO
Story2	W5	51	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W5H3			-26.7653	0	-4.248	-0.003616	0	-0.000005	A to B	A to IO
Story2	W5	51	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W5H3			-7.2337	0	-0.845	-0.000977	0	-0.000001	A to B	A to IO
Story2	W5	51	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W5H3			-27.0908	0	-9.8624	-0.003666	0	-0.000011	A to B	A to IO
Story2	W5	51	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W5H3			-8.3084	0	-0.5712	-0.001122	0	-0.000001	A to B	A to IO
Story2	W5	51	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W5H3			-26.8613	0	-9.0327	-0.003629	0	-0.00001	A to B	A to IO

Story2	W6	54	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W6H3			-19.7681	0	1.1587	-0.00267	0	0.000001	A to B	A to IO
Story2	W6	54	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W6H3			-37.1489	0	-5.1273	-0.005018	0	-0.000006	A to B	A to IO
Story2	W6	54	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W6H3			-22.3494	0	0.1731	-0.003019	0	1.882E-07	A to B	A to IO
Story2	W6	54	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W6H3			-37.0642	0	-4.6194	-0.005007	0	-0.000005	A to B	A to IO
Story2	W6	54	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W6H3			-24.0118	0	-1.0332	-0.003244	0	-0.000001	A to B	A to IO
Story2	W6	54	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W6H3			-36.7706	0	-5.0825	-0.004967	0	-0.000006	A to B	A to IO
Story2	W7	57	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W7H3			23.1946	0	10.7457	0.003133	0	0.000012	A to B	A to IO
Story2	W7	57	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W7H3			-85.8261	0	-6.3081	-0.011594	0	-0.000007	A to B	A to IO
Story2	W7	57	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W7H3			49.9563	0	11.4529	0.006748	0	0.000012	A to B	A to IO
Story2	W7	57	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W7H3			-56.7142	0	-2.4564	-0.007661	0	-0.000003	A to B	A to IO
Story2	W7	57	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W7H3			53.8926	0	12.6805	0.00728	0	0.000014	A to B	A to IO

Story2	W7	57	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W7H3			-65.1094	0	-3.0395	-0.008795	0	-0.000003	A to B	A to IO
Story2	W8	60	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W8H3			-1.4369	0	6.1139	-0.000195	0	0.000007	A to B	A to IO
Story2	W8	60	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W8H3			-75.176	0	-0.3362	-0.010189	0	-0.00000369	A to B	A to IO
Story2	W8	60	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W8H3			23.6123	0	6.0316	0.0032	0	0.000007	A to B	A to IO
Story2	W8	60	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W8H3			-55.9344	0	2.0647	-0.007581	0	0.000002	A to B	A to IO
Story2	W8	60	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W8H3			24.9471	0	6.0347	0.003381	0	0.000007	A to B	A to IO
Story2	W8	60	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W8H3			-64.247	0	1.4335	-0.008708	0	0.000002	A to B	A to IO
Story1	C1	122	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C1H1	0.02	0.057	0.7819	0.5547	0.0241	0.000078	0.000135	0.000003	A to B	A to IO
Story1	C1	122	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C1H2	1	2.85	2.8829	0.3616	0.0263	0.000494	0.000093	0.000003	A to B	A to IO
Story1	C1	122	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C1H1	0.02	0.057	-0.7459	-0.4369	-0.0112	-0.0002	-0.000108	-0.000001	A to B	A to IO
Story1	C1	122	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C1H2	1	2.85	-5.9927	-0.2111	-0.0436	-0.001272	-0.000054	-0.000004	A to B	A to IO

Story1	C1	122	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C1H1	0.02	0.057	0.0797	0.2536	0.015	-0.000016	0.000062	0.000002	A to B	A to IO
Story1	C1	122	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C1H2	1	2.85	-0.3146	0.3925	0.0448	-0.000101	0.000101	0.000005	A to B	A to IO
Story1	C1	122	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C1H1	0.02	0.057	-0.8177	-0.7291	-0.019	-0.000251	-0.00018	-0.000002	A to B	A to IO
Story1	C1	122	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C1H2	1	2.85	-7.5341	0.2312	-0.029	-0.0016	0.00006	-0.000003	A to B	A to IO
Story1	C1	122	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C1H1	0.02	0.057	0.3661	0.4188	0.0186	0.000018	0.000102	0.000002	A to B	A to IO
Story1	C1	122	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C1H2	1	2.85	0.7849	0.3558	0.0437	0.000119	0.000092	0.000005	A to B	A to IO
Story1	C1	122	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C1H1	0.02	0.057	-0.8263	-0.7228	-0.0194	-0.000256	-0.000178	-0.000002	A to B	A to IO
Story1	C1	122	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C1H2	1	2.85	-7.6739	0.1994	-0.0349	-0.001629	0.000048	-0.000004	A to B	A to IO
Story1	C2	125	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C2H1	0.02	0.053	-0.0803	0.6194	0.01	-0.000094	0.000152	0.000001	A to B	A to IO
Story1	C2	125	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C2H2	1	2.65	-2.9017	0.2124	0.0094	-0.000616	0.000055	0.000001	A to B	A to IO
Story1	C2	125	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C2H1	0.02	0.053	-0.5658	-0.4205	-0.0021	-0.000121	-0.000104	-2.312E-07	A to B	A to IO

Story1	C2	125	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C2H2	1	2.65	-3.7575	-0.2437	-0.0202	-0.000798	-0.000063	-0.000002	A to B	A to IO
Story1	C2	125	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C2H1	0.02	0.053	0.0887	0.3092	0.007	-0.000075	0.000076	0.000001	A to B	A to IO
Story1	C2	125	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C2H2	1	2.65	-2.2302	0.3668	0.0167	-0.000049	0.000093	0.000002	A to B	A to IO
Story1	C2	125	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C2H1	0.02	0.053	-0.5645	-0.7332	-0.0046	-0.000121	-0.00018	-0.000001	A to B	A to IO
Story1	C2	125	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C2H2	1	2.65	-3.7666	-0.1077	-0.0134	-0.00008	-0.000028	-0.000002	A to B	A to IO
Story1	C2	125	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C2H1	0.02	0.053	0.0956	0.4777	0.0083	-0.000073	0.000118	0.000001	A to B	A to IO
Story1	C2	125	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C2H2	1	2.65	-2.1829	0.3491	0.0172	-0.000478	0.000088	0.000002	A to B	A to IO
Story1	C2	125	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C2H1	0.02	0.053	-0.5649	-0.7298	-0.0049	-0.000121	-0.000179	-0.000001	A to B	A to IO
Story1	C2	125	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C2H2	1	2.65	-3.7665	-0.2297	-0.0168	-0.00008	-0.000059	-0.000002	A to B	A to IO
Story1	C6	6	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C6H5	0.02	0.053	-5.459	391.7948	0.0248	0.000628	0.000722	0.000003	A to B	A to IO
Story1	C6	6	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C6H6	1	2.65	-8.9017	21.0874	0.3448	-0.000252	0.000023	0.000002	A to B	A to IO

Story1	C6	6	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C6H5	0.02	0.053	-311.6802	-290.139	-36.9574	-0.000181	-0.000466	-1.834E-07	A to B	A to IO
Story1	C6	6	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C6H6	1	2.65	-23.6408	-22.7116	0.2056	-0.000669	-0.000025	0.000001	A to B	A to IO
Story1	C6	6	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C6H5	0.02	0.053	-5.399	232.1016	0.0381	0.000718	0.00032	0.000002	A to B	A to IO
Story1	C6	6	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C6H6	1	2.65	-12.8239	19.2388	0.3504	-0.000363	0.000021	0.000002	A to B	A to IO
Story1	C6	6	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C6H5	0.02	0.053	-351.6012	-453.9898	-41.9253	-0.000171	-0.000862	-1.642E-07	A to B	A to IO
Story1	C6	6	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C6H6	1	2.65	-23.6061	-26.2951	0.1196	-0.000668	-0.000029	0.000001	A to B	A to IO
Story1	C6	6	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C6H5	0.02	0.053	-5.4288	317.3207	0.0405	0.000752	0.000541	0.000002	A to B	A to IO
Story1	C6	6	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C6H6	1	2.65	-9.9338	26.1659	0.3442	-0.000281	0.000029	0.000002	A to B	A to IO
Story1	C6	6	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C6H5	0.02	0.053	-387.8808	-420.7815	-46.1131	-0.000161	-0.000872	-1.202E-07	A to B	A to IO
Story1	C6	6	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C6H6	1	2.65	-23.1122	-29.8297	0.1061	-0.000654	-0.000033	0.000001	A to B	A to IO
Story1	C11	15	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C11H5	0.02	0.053	-9.4306	291.7746	0.0508	0.000455	0.000475	0.000002	A to B	A to IO

Story1	C11	15	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C11H6	1	2.65	-26.4218	23.5218	-0.6091	-0.000747	0.000026	-0.000004	A to B	A to IO
Story1	C11	15	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C11H5	0.02	0.053	-326.7282	-396.7854	-37.9826	-0.000298	-0.000732	4.093E-08	A to B	A to IO
Story1	C11	15	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C11H6	1	2.65	-44.4264	-24.2335	-0.888	-0.001257	-0.000027	-0.000005	A to B	A to IO
Story1	C11	15	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C11H5	0.02	0.053	-9.3666	461.93	0.053	0.000681	0.000872	0.000004	A to B	A to IO
Story1	C11	15	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C11H6	1	2.65	-21.839	25.8529	-0.6103	-0.000618	0.000029	-0.000004	A to B	A to IO
Story1	C11	15	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C11H5	0.02	0.053	-365.3563	-235.5174	-43.1032	-0.000307	-0.000324	-3.502E-08	A to B	A to IO
Story1	C11	15	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C11H6	1	2.65	-46.2902	-27.7342	-0.8049	-0.001031	-0.000031	-0.000005	A to B	A to IO
Story1	C11	15	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C11H5	0.02	0.053	-9.6737	425.0109	0.0424	0.000711	0.000885	0.000004	A to B	A to IO
Story1	C11	15	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C11H6	1	2.65	-20.3078	-32.7844	-0.6181	-0.000574	0.000036	-0.000004	A to B	A to IO
Story1	C11	15	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C11H5	0.02	0.053	-396.4533	-321.196	-46.7018	-0.000311	-0.000548	-6.324E-08	A to B	A to IO
Story1	C11	15	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C11H6	1	2.65	-44.7264	-29.5315	-0.7944	-0.001265	-0.000033	-0.000005	A to B	A to IO

Story1	C13	21	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C13H5	0.02	0.053	9.8013	4.5881	16.4203	0.008435	0.000157	0.000953	A to B	A to IO
Story1	C13	21	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C13H6	1	2.65	11.4793	3.7566	15.332	0.005428	0.000112	0.001133	A to B	A to IO
Story1	C13	21	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C13H5	0.02	0.053	-32.9866	-6.8797	-22.353	-0.002163	-0.000098	-0.001403	A to B	A to IO
Story1	C13	21	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C13H6	1	2.65	-29.0785	-3.0169	-13.5477	-0.002599	-0.000134	-0.000597	A to B	A to IO
Story1	C13	21	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C13H5	0.02	0.053	10.1585	7.0708	24.566	0.002979	0.00006	0.001857	A to B	A to IO
Story1	C13	21	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C13H6	1	2.65	11.483	2.0255	8.5318	0.001126	0.0002	0.000374	A to B	A to IO
Story1	C13	21	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C13H5	0.02	0.053	-43.1744	-3.8139	-13.5407	-0.002713	-0.00016	-0.000582	A to B	A to IO
Story1	C13	21	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C13H6	1	2.65	-44.1087	-5.6817	-23.0703	-0.004258	-0.000062	-0.001067	A to B	A to IO
Story1	C13	21	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C13H5	0.02	0.053	9.1876	7.1646	24.7206	0.004496	0.000131	0.001801	A to B	A to IO
Story1	C13	21	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C13H6	1	2.65	11.3178	3.0334	12.3105	0.003049	0.00019	0.000749	A to B	A to IO
Story1	C13	21	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C13H5	0.02	0.053	-46.949	-5.7824	-18.7437	-0.001792	-0.000169	-0.000992	A to B	A to IO
Story1	C13	21	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C13H6	1	2.65	-45.4601	-5.5192	-22.819	-0.004377	-0.000099	-0.001034	A to B	A to IO
Story1	C17	30	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C17H5	0.02	0.053	-0.1419	2.4768	5.1925	0.000022	0.000000293	0.000214	A to B	A to IO

Story1	C17	30	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C17H6	1	2.65	-1.0874	3.0992	12.5161	0.000417	0.000057	0.000631	A to B	A to IO
Story1	C17	30	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C17H5	0.02	0.053	-2.7968	-1.7251	-7.5654	-0.000314	-0.000002	-0.000313	A to B	A to IO
Story1	C17	30	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C17H6	1	2.65	-16.9302	-3.528	-10.6129	-0.001687	-0.000027	-0.000446	A to B	A to IO
Story1	C17	30	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C17H5	0.02	0.053	-0.9934	1.2167	8.9521	-0.000084	0.000001	0.00037	A to B	A to IO
Story1	C17	30	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C17H6	1	2.65	-4.1505	5.1604	6.2601	-0.000472	0.000031	0.000269	A to B	A to IO
Story1	C17	30	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C17H5	0.02	0.053	-3.5892	-2.9624	-3.7325	-0.000414	-0.000001	-0.000154	A to B	A to IO
Story1	C17	30	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C17H6	1	2.65	-22.4975	-1.7032	-17.8054	-0.002217	-0.00005	-0.00075	A to B	A to IO
Story1	C17	30	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C17H5	0.02	0.053	-0.5316	1.8795	8.9073	-0.000027	0.000001	0.000368	A to B	A to IO
Story1	C17	30	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C17H6	1	2.65	-0.9446	5.064	10.5702	-0.000168	0.000044	0.000451	A to B	A to IO
Story1	C17	30	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C17H5	0.02	0.053	-3.56	-2.9476	-5.7505	-0.000411	-0.000002	-0.000238	A to B	A to IO
Story1	C17	30	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C17H6	1	2.65	-22.3166	-2.9507	-17.5049	-0.0022	-0.00005	-0.000738	A to B	A to IO

Story1	C19	128	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C19H1	0.02	0.057	0.3212	0.762	0.0191	0.000007	0.000188	0.000002	A to B	A to IO
Story1	C19	128	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C19H2	1	2.85	0.4051	-0.1347	0.0542	0.000053	-0.000033	0.000006	A to B	A to IO
Story1	C19	128	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C19H1	0.02	0.057	-1.0245	-0.4398	-0.0207	-0.0003	-0.000108	-0.000002	A to B	A to IO
Story1	C19	128	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C19H2	1	2.85	-8.4542	-0.5813	-0.045	-0.001795	-0.000015	-0.000005	A to B	A to IO
Story1	C19	128	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C19H1	0.02	0.057	1.0649	0.408	0.0285	0.0001	0.000101	0.000003	A to B	A to IO
Story1	C19	128	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C19H2	1	2.85	3.4443	0.0804	0.0322	0.000591	0.000019	0.000004	A to B	A to IO
Story1	C19	128	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C19H1	0.02	0.057	-0.8258	-0.8108	-0.0111	-0.000216	-0.000198	-0.000001	A to B	A to IO
Story1	C19	128	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C19H2	1	2.85	-6.0748	-0.4603	-0.0723	-0.001129	-0.000118	-0.000007	A to B	A to IO
Story1	C19	128	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C19H1	0.02	0.057	1.1025	0.6044	0.0286	0.000108	0.000149	0.000003	A to B	A to IO
Story1	C19	128	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C19H2	1	2.85	3.7026	0.0427	0.0416	0.000635	0.00001	0.000005	A to B	A to IO
Story1	C19	128	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C19H1	0.02	0.057	-0.8586	-0.8047	-0.0144	-0.000247	-0.000196	-0.000002	A to B	A to IO
Story1	C19	128	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C19H2	1	2.85	-6.9551	-0.6064	-0.071	-0.001477	-0.000156	-0.000007	A to B	A to IO

Story1	C20	9	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C20H5	0.02	0.053	38.4605	417.7883	-1.2333	0.021084	0.000958	0.00026	A to B	A to IO
Story1	C20	9	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C20H6	1	2.65	28.4009	19.7745	5.1655	0.000803	0.000022	0.00003	A to B	A to IO
Story1	C20	9	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C20H5	0.02	0.053	-198.356	-298.209	-36.2897	-0.00203	-0.00063	-0.00001	A to B	A to IO
Story1	C20	9	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C20H6	1	2.65	-182.3047	-28.4231	3.5229	-0.005158	-0.000031	0.000021	A to B	A to IO
Story1	C20	9	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C20H5	0.02	0.053	58.3339	254.7495	-1.1255	0.048291	0.00039	0.000343	A to B	A to IO
Story1	C20	9	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C20H6	1	2.65	54.8572	26.4384	5.2001	0.001552	0.000029	0.00003	A to B	A to IO
Story1	C20	9	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C20H5	0.02	0.053	-194.6809	-408.3389	-41.0851	-0.00255	-0.001295	-0.000011	A to B	A to IO
Story1	C20	9	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C20H6	1	2.65	-120.1925	-27.8587	0.8921	-0.0034	-0.000031	0.000005	A to B	A to IO
Story1	C20	9	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C20H5	0.02	0.053	60.4578	348.0764	-1.0728	0.047863	0.000694	0.000341	A to B	A to IO
Story1	C20	9	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C20H6	1	2.65	57.1764	21.429	5.1809	0.001617	0.000024	0.00003	A to B	A to IO
Story1	C20	9	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C20H5	0.02	0.053	-152.1359	-411.246	-42.3631	-0.002569	-0.001274	-0.000012	A to B	A to IO
Story1	C20	9	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C20H6	1	2.65	-146.5614	-18.5239	0.5419	-0.004146	-0.00002	0.000003	A to B	A to IO

Story1	C21	18	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C21H5	0.02	0.053	12.7134	303.1901	-0.2846	0.019171	0.000635	0.000262	A to B	A to IO
Story1	C21	18	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C21H6	1	2.65	6.0454	25.9854	0.5447	0.000171	0.000029	0.000003	A to B	A to IO
Story1	C21	18	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C21H5	0.02	0.053	-220.4849	-427.2835	-32.2329	-0.002656	-0.000962	-0.000006	A to B	A to IO
Story1	C21	18	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C21H6	1	2.65	-206.4568	-20.3426	-1.189	-0.005841	-0.000022	-0.000007	A to B	A to IO
Story1	C21	18	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C21H5	0.02	0.053	36.4488	418.6624	-0.0804	0.046083	0.001299	0.000329	A to B	A to IO
Story1	C21	18	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C21H6	1	2.65	34.8925	27.1883	0.5711	0.000987	0.000003	0.000003	A to B	A to IO
Story1	C21	18	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C21H5	0.02	0.053	-215.2515	-258.1793	-43.2623	-0.003406	-0.000395	-0.000006	A to B	A to IO
Story1	C21	18	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C21H6	1	2.65	-142.0502	-33.9207	-4.1244	-0.004019	-0.000037	-0.000024	A to B	A to IO
Story1	C21	18	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C21H5	0.02	0.053	35.5966	421.1778	-0.0464	0.045852	0.001291	0.000339	A to B	A to IO
Story1	C21	18	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C21H6	1	2.65	37.0957	18.5279	0.5385	0.00105	0.00002	0.000003	A to B	A to IO
Story1	C21	18	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C21H5	0.02	0.053	-174.5193	-354.1341	-43.9753	-0.003198	-0.000698	-0.000006	A to B	A to IO
Story1	C21	18	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C21H6	1	2.65	-169.0908	-25.293	-4.5906	-0.004784	-0.000028	-0.000027	A to B	A to IO

Story1	C22	24	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C22H5	0.02	0.053	-0.7061	2.5603	7.656	-0.000045	0.000001	0.000318	A to B	A to IO
Story1	C22	24	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C22H6	1	2.65	-1.9332	2.5747	9.1635	-0.00027	0.000044	0.000393	A to B	A to IO
Story1	C22	24	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C22H5	0.02	0.053	-3.1466	-1.6576	-5.0247	-0.000371	-0.000001	-0.000209	A to B	A to IO
Story1	C22	24	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C22H6	1	2.65	-20.0417	-4.4142	-15.1156	-0.001991	-0.00004	-0.00064	A to B	A to IO
Story1	C22	24	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C22H5	0.02	0.053	0.2082	1.321	3.9271	0.000072	0.000002	0.000163	A to B	A to IO
Story1	C22	24	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C22H6	1	2.65	-2.3534	4.1485	14.2945	0.00115	0.00002	0.000829	A to B	A to IO
Story1	C22	24	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C22H5	0.02	0.053	-2.4629	-2.9519	-8.9234	-0.000279	-1.748E-08	-0.00037	A to B	A to IO
Story1	C22	24	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C22H6	1	2.65	-14.9085	-2.3942	-8.1071	-0.001504	-0.000067	-0.000342	A to B	A to IO
Story1	C22	24	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C22H5	0.02	0.053	0.2099	1.978	5.9074	0.000072	0.000002	0.000245	A to B	A to IO
Story1	C22	24	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C22H6	1	2.65	-0.9052	4.0893	14.1396	0.001105	0.000032	0.000813	A to B	A to IO
Story1	C22	24	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C22H5	0.02	0.053	-2.8752	-2.9379	-8.8823	-0.000333	-4.717E-07	-0.000369	A to B	A to IO

Story1	C22	24	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C22H6	1	2.65	-17.9175	-3.5756	-12.1425	-0.001791	-0.000067	-0.000513	A to B	A to IO
Story1	C23	27	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C23H5	0.02	0.053	2.0852	1.5944	7.399	0.000234	0.000005	0.000307	A to B	A to IO
Story1	C23	27	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C23H6	1	2.65	12.7589	3.7437	8.9635	0.001279	0.00003	0.000379	A to B	A to IO
Story1	C23	27	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C23H5	0.02	0.053	-5.0174	-2.4023	-4.9188	-0.000556	-0.000003	-0.000204	A to B	A to IO
Story1	C23	27	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C23H6	1	2.65	-29.946	-2.5304	-13.7642	-0.003005	-0.000054	-0.000584	A to B	A to IO
Story1	C23	27	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C23H5	0.02	0.053	3.8163	2.8406	3.7711	0.000439	0.00003	0.000157	A to B	A to IO
Story1	C23	27	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C23H6	1	2.65	12.251	1.9348	13.234	0.003334	0.000058	0.00082	A to B	A to IO
Story1	C23	27	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C23H5	0.02	0.053	-3.0981	-1.2228	-8.7528	-0.000339	-0.000006	-0.000363	A to B	A to IO
Story1	C23	27	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C23H6	1	2.65	-18.207	-3.7839	-7.2369	-0.001833	-0.00003	-0.000308	A to B	A to IO
Story1	C23	27	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C23H5	0.02	0.053	4.0033	2.8262	5.7221	0.000458	0.000004	0.000238	A to B	A to IO
Story1	C23	27	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C23H6	1	2.65	13.8469	3.0389	13.0119	0.003382	0.000057	0.000803	A to B	A to IO
Story1	C23	27	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C23H5	0.02	0.053	-3.6857	-1.8581	-8.7082	-0.000041	-0.000006	-0.000361	A to B	A to IO
Story1	C23	27	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C23H6	1	2.65	-22.0827	-3.7047	-11.1087	-0.002021	-0.000043	-0.000471	A to B	A to IO

Story1	C24	82	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C24H1	0.02	0.053	-0.0438	0.6223	0.0085	-0.000088	0.000153	0.000001	A to B	A to IO
Story1	C24	82	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C24H2	1	2.65	-2.6847	0.1965	0.0158	-0.00057	0.000051	0.000002	A to B	A to IO
Story1	C24	82	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C24H1	0.02	0.053	-0.5629	-0.4181	-0.0053	-0.000012	-0.000103	-0.000001	A to B	A to IO
Story1	C24	82	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C24H2	1	2.65	-3.7452	-0.263	-0.0166	-0.000795	-0.000068	-0.000002	A to B	A to IO
Story1	C24	82	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C24H1	0.02	0.053	0.0517	0.3114	0.0114	-0.000082	0.000077	0.000001	A to B	A to IO
Story1	C24	82	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C24H2	1	2.65	-2.4728	0.3537	0.0084	-0.000536	0.00009	0.000001	A to B	A to IO
Story1	C24	82	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C24H1	0.02	0.053	-0.5635	-0.7314	-0.002	-0.000012	-0.000179	-2.223E-07	A to B	A to IO
Story1	C24	82	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C24H2	1	2.65	-3.7432	-0.1223	-0.0251	-0.000795	-0.000031	-0.000003	A to B	A to IO
Story1	C24	82	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C24H1	0.02	0.053	0.036	0.4805	0.0115	-0.000085	0.000118	0.000001	A to B	A to IO
Story1	C24	82	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C24H2	1	2.65	-2.5735	0.3295	0.011	-0.000553	0.000084	0.000001	A to B	A to IO
Story1	C24	82	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C24H1	0.02	0.053	-0.563	-0.7271	-0.0029	-0.000012	-0.000178	-3.227E-07	A to B	A to IO

Story1	C24	82	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C24H2	1	2.65	-3.7374	-0.2488	-0.0251	-0.000794	-0.000064	-0.000003	A to B	A to IO
Story1	C26	222	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C26H5	0.02	0.053	-5.2178	392.2202	0.0433	0.000563	0.000721	0.000002	A to B	A to IO
Story1	C26	222	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C26H6	1	2.65	-9.6116	20.3697	0.3578	-0.000272	0.000022	0.000002	A to B	A to IO
Story1	C26	222	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C26H5	0.02	0.053	-312.9575	-289.7513	-37.0534	-0.000164	-0.000466	-3.859E-08	A to B	A to IO
Story1	C26	222	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C26H6	1	2.65	-23.6711	-24.0872	0.1216	-0.000067	-0.000027	0.000001	A to B	A to IO
Story1	C26	222	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C26H5	0.02	0.053	-5.159	232.2478	0.0461	0.000771	0.00032	0.000004	A to B	A to IO
Story1	C26	222	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C26H6	1	2.65	-6.5328	17.8827	0.3584	-0.000185	0.00002	0.000002	A to B	A to IO
Story1	C26	222	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C26H5	0.02	0.053	-355.8655	-457.2067	-42.3912	-0.000167	-0.000859	-1.234E-07	A to B	A to IO
Story1	C26	222	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C26H6	1	2.65	-24.5276	-26.7963	0.1811	-0.000694	-0.00003	0.000001	A to B	A to IO
Story1	C26	222	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C26H5	0.02	0.053	-5.3267	317.5254	0.0342	0.000079	0.000541	0.000004	A to B	A to IO
Story1	C26	222	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C26H6	1	2.65	-6.0229	24.5721	0.3489	-0.000017	0.000027	0.000002	A to B	A to IO

Story1	C26	222	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C26H5	0.02	0.053	-387.0215	-420.3694	-45.9553	-0.000172	-0.000872	-1.498E-07	A to B	A to IO
Story1	C26	222	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C26H6	1	2.65	-23.9335	-30.0282	0.1905	-0.000677	-0.000033	0.000001	A to B	A to IO
Story1	C28	228	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C28H5	0.02	0.053	-9.7096	292.1872	0.0378	0.000056	0.000473	0.000003	A to B	A to IO
Story1	C28	228	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C28H6	1	2.65	-21.6998	23.6508	-0.6172	-0.000614	0.000026	-0.000004	A to B	A to IO
Story1	C28	228	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C28H5	0.02	0.053	-323.1452	-396.1472	-37.9452	-0.000323	-0.000733	-0.0000000133	A to B	A to IO
Story1	C28	228	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C28H6	1	2.65	-45.3435	-23.2777	-0.7861	-0.001283	-0.000026	-0.000005	A to B	A to IO
Story1	C28	228	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C28H5	0.02	0.053	-9.4039	458.9092	0.0522	0.000054	0.000874	0.000002	A to B	A to IO
Story1	C28	228	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C28H6	1	2.65	-33.1484	26.1278	-0.6055	-0.000938	0.000029	-0.000004	A to B	A to IO
Story1	C28	228	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C28H5	0.02	0.053	-362.4121	-235.0912	-42.4309	-0.000315	-0.000325	-1.247E-07	A to B	A to IO
Story1	C28	228	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C28H6	1	2.65	-45.2519	-26.2508	-0.9038	-0.001128	-0.000029	-0.000005	A to B	A to IO
Story1	C28	228	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C28H5	0.02	0.053	-9.4259	425.4286	0.0533	0.000564	0.000884	0.000003	A to B	A to IO

Story1	C28	228	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C28H6	1	2.65	-25.1148	32.8445	-0.6155	-0.00071	0.000036	-0.000004	A to B	A to IO
Story1	C28	228	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C28H5	0.02	0.053	-399.3691	-320.7285	-46.6615	-0.000304	-0.000549	-7.274E-08	A to B	A to IO
Story1	C28	228	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C28H6	1	2.65	-44.5228	-27.4186	-0.9052	-0.00126	-0.000003	-0.000005	A to B	A to IO
Story1	C31	3	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C31H5	0.02	0.053	69.6133	355.8144	-0.998	0.042231	0.001088	0.000319	A to B	A to IO
Story1	C31	3	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C31H6	1	2.65	80.9676	17.3206	5.7694	0.002291	0.000019	0.000034	A to B	A to IO
Story1	C31	3	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C31H5	0.02	0.053	-214.7315	-321.0367	-40.5059	-0.003872	-0.000581	-0.000027	A to B	A to IO
Story1	C31	3	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C31H6	1	2.65	-149.032	-37.2425	1.1178	-0.004216	-0.000041	0.000006	A to B	A to IO
Story1	C31	3	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C31H5	0.02	0.053	9.2433	233.3894	-1.075	0.014065	0.000428	0.000252	A to B	A to IO
Story1	C31	3	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C31H6	1	2.65	26.5275	15.1458	5.2229	0.000075	0.000017	0.00003	A to B	A to IO
Story1	C31	3	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C31H5	0.02	0.053	-214.88	-487.4278	-38.7665	-0.002961	-0.001131	-0.000012	A to B	A to IO
Story1	C31	3	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C31H6	1	2.65	-204.1651	-32.8112	3.7239	-0.005776	-0.000036	0.000022	A to B	A to IO

Story1	C31	3	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C31H5	0.02	0.053	46.1951	308.8863	-1.0771	0.026891	0.00077	0.000318	A to B	A to IO
Story1	C31	3	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C31H6	1	2.65	49.3656	17.4214	5.2013	0.001396	0.000019	0.00003	A to B	A to IO
Story1	C31	3	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C31H5	0.02	0.053	-214.2775	-469.4566	-46.7855	-0.002752	-0.001159	-0.000011	A to B	A to IO
Story1	C31	3	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C31H6	1	2.65	-208.6847	-24.244	3.2803	-0.005904	-0.000027	0.000019	A to B	A to IO
Story1	C32	12	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C32H5	0.02	0.053	32.9113	324.0008	0.0143	0.036625	0.000593	0.000313	A to B	A to IO
Story1	C32	12	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C32H6	1	2.65	42.4679	34.2584	0.6345	0.001202	0.000038	0.000004	A to B	A to IO
Story1	C32	12	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C32H5	0.02	0.053	-232.4046	-372.9978	-44.3486	-0.004472	-0.001082	-0.000017	A to B	A to IO
Story1	C32	12	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C32H6	1	2.65	-162.9975	-15.6286	-4.1837	-0.004611	-0.000017	-0.000024	A to B	A to IO
Story1	C32	12	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C32H5	0.02	0.053	-19.3613	491.5471	0.0508	0.015346	0.001152	0.000288	A to B	A to IO
Story1	C32	12	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C32H6	1	2.65	-2.1253	31.723	0.5539	-0.000006	0.000035	0.000003	A to B	A to IO
Story1	C32	12	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C32H5	0.02	0.053	-221.9197	-240.6425	-36.1709	-0.003445	-0.000428	-0.000005	A to B	A to IO
Story1	C32	12	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C32H6	1	2.65	-212.3507	-14.9816	-1.1792	-0.006007	-0.000017	-0.000007	A to B	A to IO

Story1	C32	12	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C32H5	0.02	0.053	12.7431	472.3235	-0.1308	0.024198	0.001182	0.000331	A to B	A to IO
Story1	C32	12	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C32H6	1	2.65	17.2647	24.8009	0.5294	0.000488	0.000027	0.000003	A to B	A to IO
Story1	C32	12	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C32H5	0.02	0.053	-221.8922	-321.079	-41.3111	-0.003386	-0.000764	-0.000006	A to B	A to IO
Story1	C32	12	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C32H6	1	2.65	-216.2424	-15.795	-1.552	-0.006117	-0.000017	-0.000009	A to B	A to IO
Story1	C33	219	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C33H5	0.02	0.053	-23.1544	403.9036	-1.4705	0.022951	0.001005	0.000299	A to B	A to IO
Story1	C33	219	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C33H6	1	2.65	-45.644	25.2593	5.9143	-0.001291	0.000028	0.000034	A to B	A to IO
Story1	C33	219	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C33H5	0.02	0.053	-139.9423	-309.232	-39.6046	-0.001687	-0.000617	-0.000012	A to B	A to IO
Story1	C33	219	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C33H6	1	2.65	-59.2256	-29.7021	1.114	-0.001676	-0.000033	0.000007	A to B	A to IO
Story1	C33	219	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C33H5	0.02	0.053	-31.6677	248.584	-1.4682	0.031107	0.000407	0.000379	A to B	A to IO
Story1	C33	219	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C33H6	1	2.65	-45.6461	43.4792	5.0936	-0.001292	0.000048	0.00003	A to B	A to IO
Story1	C33	219	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C33H5	0.02	0.053	-133.5945	-445.1411	-50.2672	-0.001672	-0.001229	-0.000012	A to B	A to IO

Story1	C33	219	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C33H6	1	2.65	-61.8497	-24.5174	0.7892	-0.00175	-0.000027	0.000005	A to B	A to IO
Story1	C33	219	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C33H5	0.02	0.053	-19.1159	338.4711	-1.4298	0.031615	0.000724	0.000382	A to B	A to IO
Story1	C33	219	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C33H6	1	2.65	-45.7933	37.9682	5.0737	-0.001296	0.000042	0.00003	A to B	A to IO
Story1	C33	219	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C33H5	0.02	0.053	-105.4121	-443.0801	-50.6386	-0.001568	-0.001222	-0.00001	A to B	A to IO
Story1	C33	219	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C33H6	1	2.65	-61.7195	-35.1744	0.4199	-0.001746	-0.000039	0.000002	A to B	A to IO
Story1	C34	225	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C34H5	0.02	0.053	-44.3122	317.2636	-0.4418	0.021025	0.000617	0.000296	A to B	A to IO
Story1	C34	225	TH-LIMA-74-XX	NonDirHist	Max	Columnas	C34H6	1	2.65	-66.971	35.8556	1.0448	-0.001895	0.000004	0.000006	A to B	A to IO
Story1	C34	225	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C34H5	0.02	0.053	-160.9323	-412.0948	-37.2293	-0.002493	-0.001014	-0.000009	A to B	A to IO
Story1	C34	225	TH-LIMA-74-XX	NonDirHist	Min	Columnas	C34H6	1	2.65	-80.0976	-27.6985	-3.8809	-0.002266	-0.000031	-0.000023	A to B	A to IO
Story1	C34	225	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C34H5	0.02	0.053	-52.0338	456.7912	-0.4362	0.030107	0.001233	0.000385	A to B	A to IO
Story1	C34	225	TH-LIMA-66-XX	NonDirHist	Max	Columnas	C34H6	1	2.65	-67.0015	24.1978	0.3309	-0.001895	0.000027	0.000002	A to B	A to IO

Story1	C34	225	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C34H5	0.02	0.053	-155.4184	-252.7058	-49.2939	-0.002443	-0.000412	-0.000008	A to B	A to IO
Story1	C34	225	TH-LIMA-66-XX	NonDirHist	Min	Columnas	C34H6	1	2.65	-85.3507	-51.9184	-4.3633	-0.002414	-0.000057	-0.000025	A to B	A to IO
Story1	C34	225	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C34H5	0.02	0.053	-42.7424	450.8034	-0.4379	0.029516	0.001234	0.000378	A to B	A to IO
Story1	C34	225	TH-ICA-2007-XX	NonDirHist	Max	Columnas	C34H6	1	2.65	-67.1869	38.3103	0.3098	-0.001901	0.000042	0.000002	A to B	A to IO
Story1	C34	225	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C34H5	0.02	0.053	-125.3497	-343.49	-48.601	-0.002048	-0.000731	-0.000003	A to B	A to IO
Story1	C34	225	TH-ICA-2007-XX	NonDirHist	Min	Columnas	C34H6	1	2.65	-84.6888	-46.0294	-4.7004	-0.002396	-0.000051	-0.000027	A to B	A to IO
Story1	W1	37	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W1H1			81.754	0	10.9704	0.010584	0	0.00001	A to B	A to IO
Story1	W1	37	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W1H1			-94.1466	0	-33.8506	-0.012189	0	-0.000032	A to B	A to IO
Story1	W1	37	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W1H1			23.907	0	18.9929	0.003095	0	0.000018	A to B	A to IO
Story1	W1	37	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W1H1			-126.8599	0	-20.2404	-0.016424	0	-0.000019	A to B	A to IO
Story1	W1	37	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W1H1			44.4491	0	20.7231	0.005755	0	0.00002	A to B	A to IO

Story1	W1	37	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W1H1			-131.2553	0	-24.9055	-0.016993	0	-0.000024	A to B	A to IO
Story1	W2	40	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W2H1			-18.3818	0	-5.1358	0.002483	0	-0.000006	A to B	A to IO
Story1	W2	40	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W2H1			-88.4833	0	-8.6427	-0.011953	0	-0.000009	A to B	A to IO
Story1	W2	40	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W2H1			-16.8377	0	-5.2215	0.002274	0	-0.000006	A to B	A to IO
Story1	W2	40	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W2H1			-114.2693	0	-12.7577	-0.015436	0	-0.000014	A to B	A to IO
Story1	W2	40	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W2H1			-1.0992	0	-4.8354	-0.000148	0	-0.000005	A to B	A to IO
Story1	W2	40	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W2H1			-114.6109	0	-11.8655	-0.015482	0	-0.000013	A to B	A to IO
Story1	W3	43	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W3H1			-25.2403	0	-3.6926	-0.003041	0	-0.000004	A to B	A to IO
Story1	W3	43	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W3H1			-41.2177	0	-8.6254	-0.005568	0	-0.000009	A to B	A to IO
Story1	W3	43	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W3H1			-24.2258	0	-3.3897	-0.003272	0	-0.000004	A to B	A to IO
Story1	W3	43	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W3H1			-40.995	0	-6.2843	-0.005538	0	-0.000007	A to B	A to IO

Story1	W3	43	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W3H1			-23.3988	0	-3.4635	-0.003161	0	-0.000004	A to B	A to IO
Story1	W3	43	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W3H1			-40.8064	0	-8.2179	-0.005512	0	-0.000009	A to B	A to IO
Story1	W4	46	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W4H1			-38.9833	0	-0.0159	-0.005266	0	-1.732E-08	A to B	A to IO
Story1	W4	46	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W4H1			-56.8271	0	-8.1207	-0.007676	0	-0.000009	A to B	A to IO
Story1	W4	46	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W4H1			-30.8052	0	-0.1262	-0.004161	0	-1.372E-07	A to B	A to IO
Story1	W4	46	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W4H1			-58.1556	0	-6.561	-0.007856	0	-0.000007	A to B	A to IO
Story1	W4	46	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W4H1			-29.323	0	0.2311	-0.003961	0	2.511E-07	A to B	A to IO
Story1	W4	46	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W4H1			-57.1396	0	-6.1831	-0.007719	0	-0.000007	A to B	A to IO
Story1	W5	49	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W5H1			-27.9671	0	-2.4175	-0.003778	0	-0.000003	A to B	A to IO
Story1	W5	49	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W5H1			-41.1511	0	-8.6629	-0.005559	0	-0.000009	A to B	A to IO
Story1	W5	49	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W5H1			-21.0394	0	-3.0911	-0.002842	0	-0.000003	A to B	A to IO

Story1	W5	49	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W5H1			-41.4922	0	-7.7606	-0.005605	0	-0.000008	A to B	A to IO
Story1	W5	49	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W5H1			-21.2969	0	-3.6158	-0.002877	0	-0.000004	A to B	A to IO
Story1	W5	49	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W5H1			-41.4238	0	-8.5652	-0.005596	0	-0.000009	A to B	A to IO
Story1	W6	52	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W6H1			-33.216	0	1.3564	-0.004487	0	0.000001	A to B	A to IO
Story1	W6	52	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W6H1			-57.4289	0	-6.1795	-0.007758	0	-0.000007	A to B	A to IO
Story1	W6	52	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W6H1			-46.0496	0	-1.2546	-0.006221	0	-0.000001	A to B	A to IO
Story1	W6	52	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W6H1			-57.321	0	-8.7853	-0.007743	0	-0.00001	A to B	A to IO
Story1	W6	52	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W6H1			-37.968	0	0.5936	-0.005129	0	0.000001	A to B	A to IO
Story1	W6	52	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W6H1			-56.8084	0	-8.7682	-0.007674	0	-0.00001	A to B	A to IO
Story1	W7	55	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W7H1			39.1057	0	23.6298	0.005283	0	0.000026	A to B	A to IO
Story1	W7	55	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W7H1			-140.844	0	-25.3182	-0.019031	0	-0.000028	A to B	A to IO

Story1	W7	55	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W7H1			88.4094	0	34.4503	0.011943	0	0.000037	A to B	A to IO
Story1	W7	55	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W7H1			-91.5909	0	-11.8918	-0.012372	0	-0.000013	A to B	A to IO
Story1	W7	55	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W7H1			92.8029	0	35.6192	0.012536	0	0.000039	A to B	A to IO
Story1	W7	55	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W7H1			-108.2366	0	-15.8418	-0.014621	0	-0.000017	A to B	A to IO
Story1	W8	58	TH-LIMA-74-XX	NonDirHist	Max	Auto Fiber P-M3	W8H1			-6.191	0	9.0071	-0.000839	0	0.00001	A to B	A to IO
Story1	W8	58	TH-LIMA-74-XX	NonDirHist	Min	Auto Fiber P-M3	W8H1			-110.3469	0	4.6535	-0.014956	0	0.000005	A to B	A to IO
Story1	W8	58	TH-LIMA-66-XX	NonDirHist	Max	Auto Fiber P-M3	W8H1			28.6033	0	8.3213	0.003877	0	0.000009	A to B	A to IO
Story1	W8	58	TH-LIMA-66-XX	NonDirHist	Min	Auto Fiber P-M3	W8H1			-81.4159	0	3.6694	-0.011034	0	0.000004	A to B	A to IO
Story1	W8	58	TH-ICA-2007-XX	NonDirHist	Max	Auto Fiber P-M3	W8H1			29.8726	0	7.8363	0.004049	0	0.000009	A to B	A to IO
Story1	W8	58	TH-ICA-2007-XX	NonDirHist	Min	Auto Fiber P-M3	W8H1			-95.2584	0	4.1653	-0.012911	0	0.000005	A to B	A to IO

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Derivas máximas por piso del pabellón de aulas – Análisis tiempo–historia (Dirección X)

Piso	Deriva máxima	Relación	Límite Norma E.030	Cumple
Story 3	**0.001626**	1/615	≤ 0.007	Sí
Story 2	**0.002407**	1/415	≤ 0.007	Sí
Story 1	**0.002027**	1/493	≤ 0.007	Sí

Las derivas máximas por piso obtenidas del análisis dinámico no lineal tiempo–historia en la dirección X muestran valores reducidos y controlados, alcanzando un máximo de 0.002407 en el segundo nivel de la edificación. Dichos valores se encuentran significativamente por debajo del límite máximo establecido por la Norma Técnica E.030 para edificaciones de concreto armado, el cual es del orden de 0.007. Este comportamiento indica que la estructura no experimenta deformaciones excesivas durante la excitación sísmica y que el daño estructural esperado es leve, confirmando un desempeño sísmico aceptable del pabellón de aulas frente a los registros sísmicos analizados

Desplazamientos máximos globales del pabellón de aulas – Análisis tiempo–historia (Dirección X)

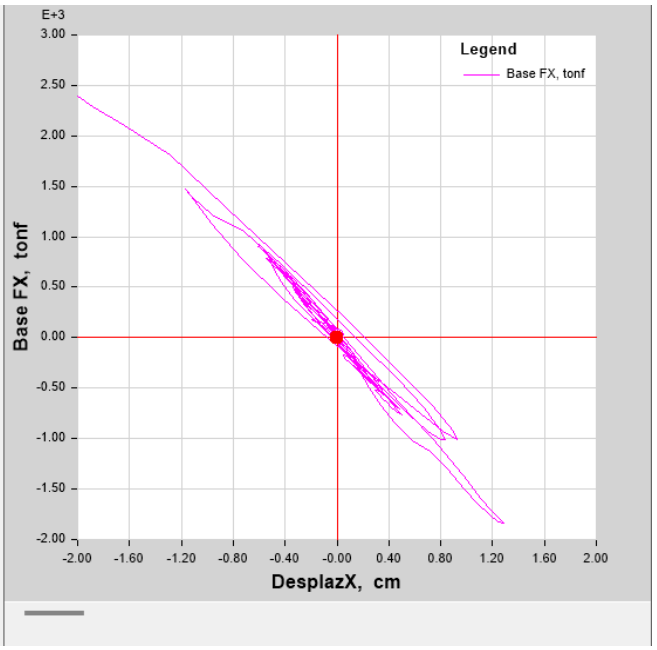
Piso	Desplazamiento máximo (m)	Desplazamiento máximo (cm)
Story 3	**0.0154**	**1.54**
Story 2	**0.0108**	**1.08**
Story 1	**0.0059**	**0.59**

Los desplazamientos máximos globales obtenidos para el pabellón de aulas en la dirección X presentan una distribución progresiva en altura, alcanzando el valor máximo en el último nivel de la edificación. Los valores registrados son moderados y no evidencian incrementos abruptos ni acumulación progresiva de desplazamientos, lo que indica que la estructura responde de manera estable durante la excitación sísmica. Este comportamiento es consistente con las derivas máximas obtenidas y confirma que la respuesta dinámica del sistema estructural se mantiene dentro de rangos admisibles, sin comprometer la estabilidad global ni la seguridad de los ocupantes.

Gráficos de desplazamientos en dirección X

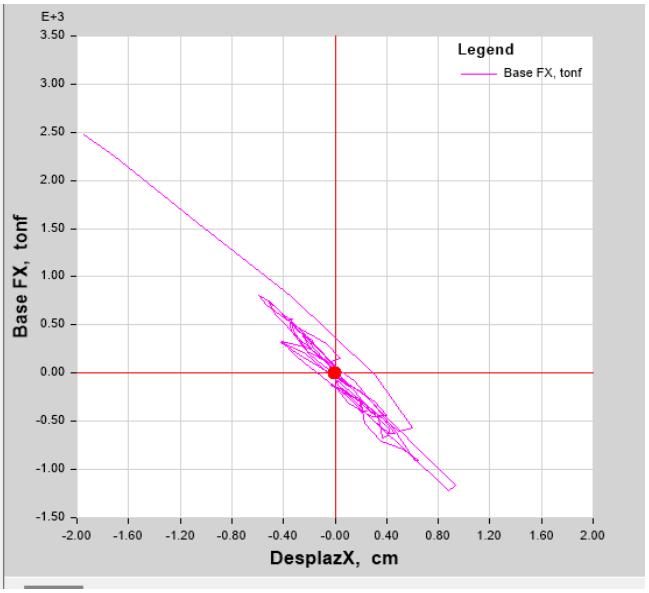
Name	
Name	THPlot1
Plot Definition	
Load Case	TH-ICA-2007-XX
Horizontal Function	DesplazX
Vertical Functions	1 Item: Base FX
Response Recovery	
Recovery Extent	All
Start Time (sec)	0
End Time (sec)	3.33
Legend	
Legend Type	Integrated

Horizontal Function
The horizontal function for the plot.



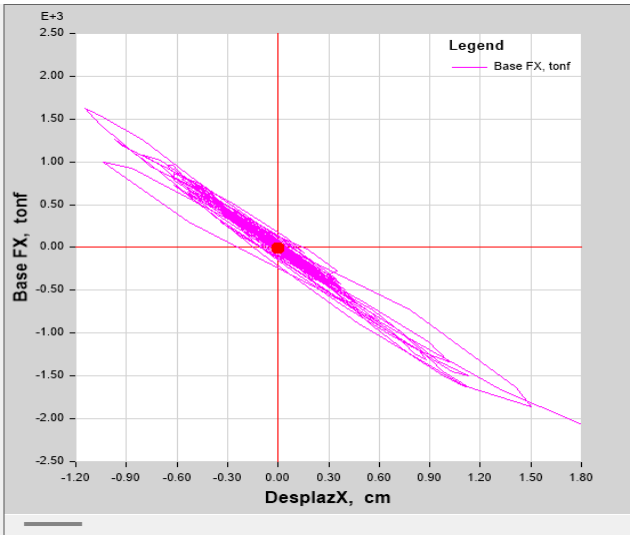
Name	
Name	THPlot1
Plot Definition	
Load Case	TH-LIMA-66-XX
Horizontal Function	DesplazX
Vertical Functions	1 Item: Base FX
Response Recovery	
Recovery Extent	All
Start Time (sec)	0
End Time (sec)	2.48
Legend	
Legend Type	Integrated

Load Case



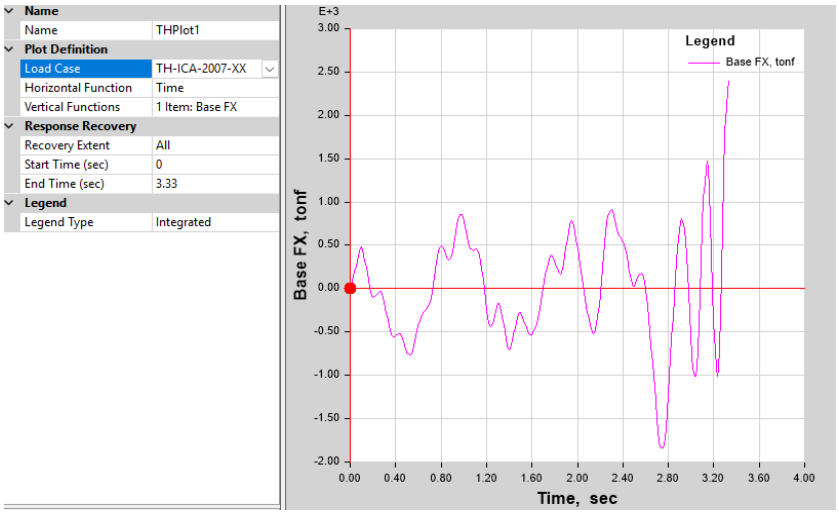
Name	
Name	THPlot1
Plot Definition	
Load Case	TH-LIMA-74-XX
Horizontal Function	DesplazX
Vertical Functions	1 Item: Base FX
Response Recovery	
Recovery Extent	All
Start Time (sec)	0
End Time (sec)	9.98
Legend	
Legend Type	Integrated

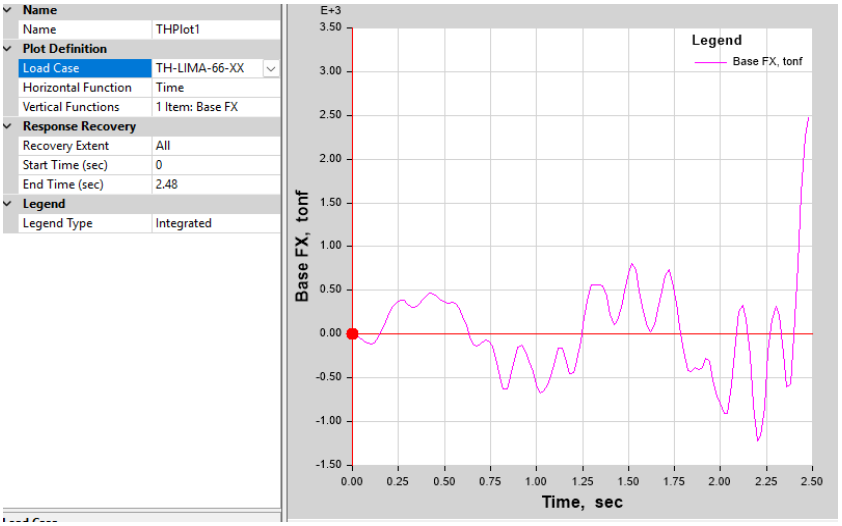
Load Case

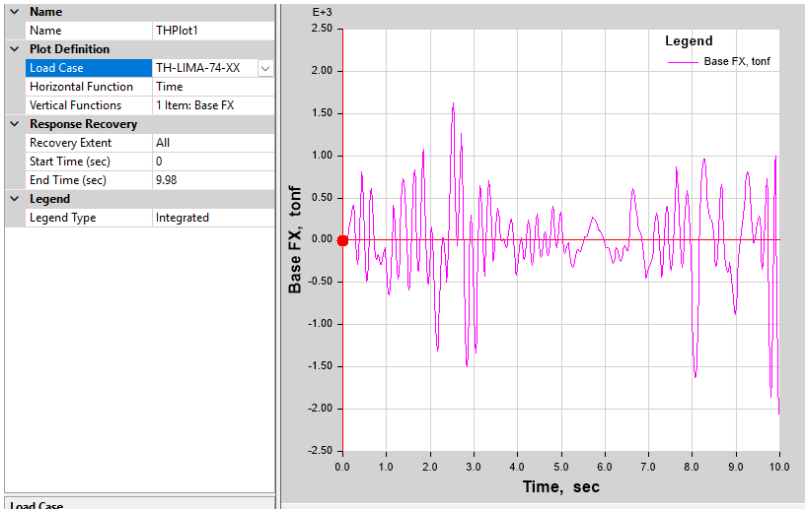


La Figura muestra la relación entre el cortante basal y el desplazamiento horizontal del pabellón de aulas obtenida a partir del análisis dinámico no lineal tiempo–historia para el registro sísmico aplicado en la dirección X. La forma cerrada y alargada de las curvas refleja un comportamiento histérico característico de sistemas estructurales que experimentan ciclos sucesivos de carga y descarga durante la excitación sísmica, evidenciando la capacidad de la estructura para disipar energía. Se observa que los desplazamientos máximos alcanzados se mantienen dentro de rangos moderados, sin incrementos abruptos del cortante basal, lo que indica que la respuesta inelástica de la estructura es estable y controlada. Asimismo, la ausencia de bucles amplios o degradaciones pronunciadas de rigidez sugiere que el sistema estructural no presenta mecanismos de falla frágil ni pérdida significativa de resistencia, confirmando un comportamiento sísmico adecuado frente al sismo analizado.

Gráfica de Historia de cortante basal en función del tiempo







Las Figuras presenta la historia temporal del cortante basal del pabellón de aulas obtenida a partir del análisis dinámico no lineal tiempo–historia para el registro sísmico aplicado en la dirección X. Se observa una respuesta oscilatoria característica de la excitación sísmica, con inversiones sucesivas del sentido del cortante debido a la naturaleza alternante del movimiento del suelo. Los valores máximos de cortante basal se desarrollan de manera gradual y se mantienen dentro de rangos controlados, sin evidenciar incrementos abruptos ni pérdida de capacidad resistente. Asimismo, la ausencia de picos excesivos o respuestas divergentes indica que la estructura conserva su estabilidad global durante todo el evento sísmico, confirmando un comportamiento estructural adecuado y coherente con un nivel de desempeño aceptable.

Módulo SUM

Generalidades

- El módulo SUM forma parte de la Institución Educativa Pedro Ruiz Gallo y está destinado al uso educativo.
- La edificación fue evaluada estructuralmente con la finalidad de conocer su comportamiento frente a solicitaciones sísmicas.
- El análisis se desarrolló conforme a lo establecido en el Reglamento Nacional de Edificaciones (RNE).
- La caracterización estructural constituye la base para la posterior aplicación de análisis estático y dinámico no lineal.

Normativa empleada

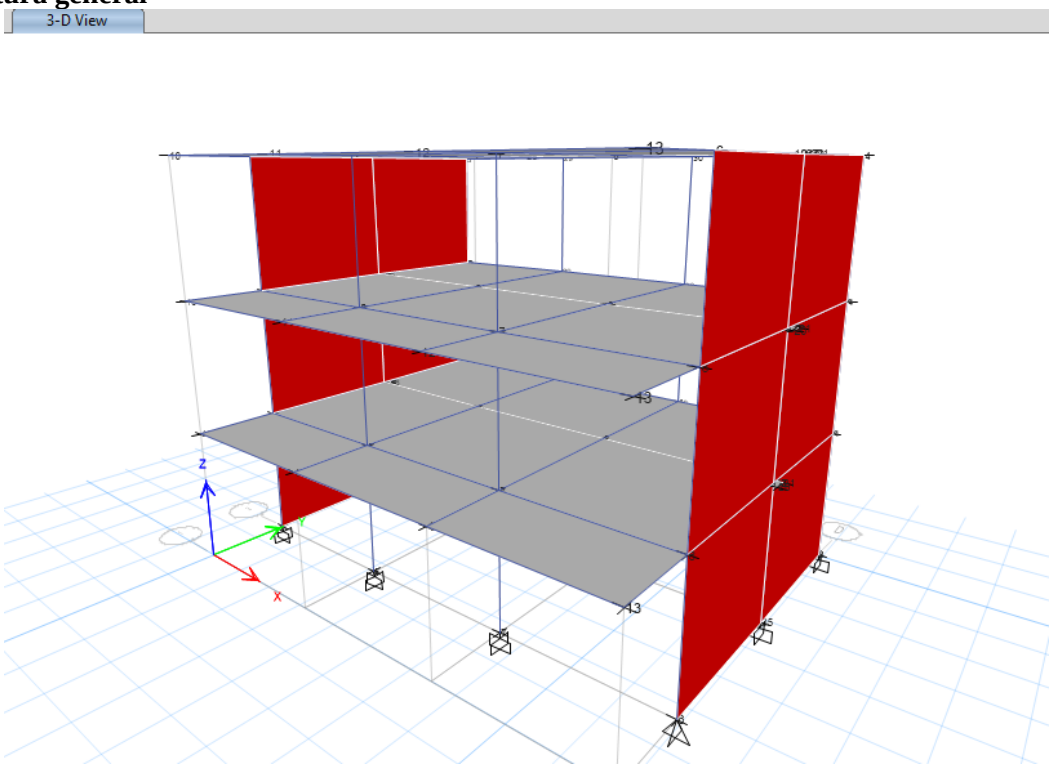
Para la evaluación estructural del módulo de aulas se emplearon las siguientes normas:

- Reglamento Nacional de Edificaciones:
    - NTE E.020 – Cargas
    - NTE E.030 – Diseño Sismorresistente
    - NTE E.050 – Suelos y Cimentaciones
    - NTE E.060 – Concreto Armado
    - NTE E.070 – Albañilería
- Norma internacional:
    - ACI 318 – 2019

Descripción estructural de la edificación

- Sistema estructural predominante:
    - Pórticos de concreto armado.
- Número de niveles:
    - Tres (03) niveles.
- Altura total aproximada:
    - 9.90 m.
- Comportamiento estructural:
    - Resistencia a cargas gravitacionales y sísmicas mediante vigas y columnas de concreto armado.

Estructura general



Clasificación y uso de la edificación

- Uso de la edificación:
    - Institución educativa.
- Categoría según la NTE E.030:
    - Categoría A – Edificaciones esenciales.
- Factor de uso adoptado:
    - U = 1.5.

Materiales estructurales

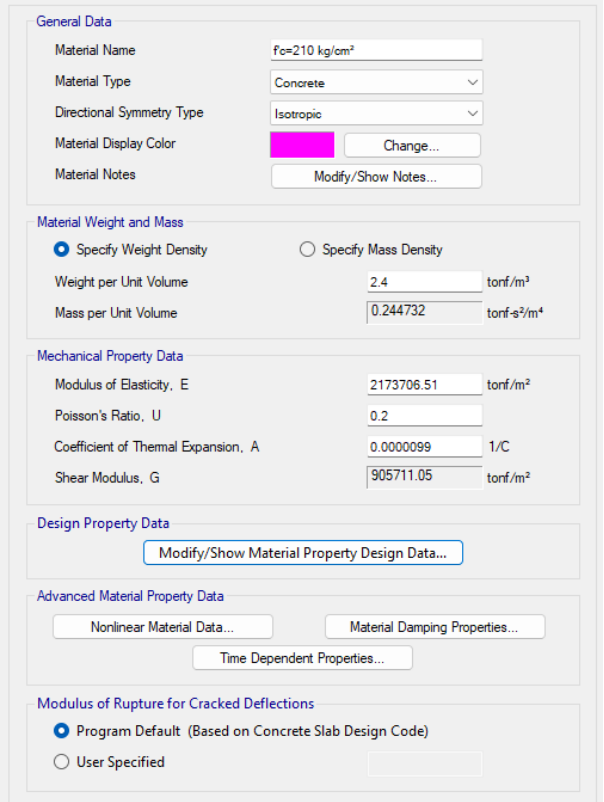
Concreto armado

Se definió el material de concreto considerando una resistencia a la compresión de 210 kgf/cm², a la cual se le asignó un peso unitario de 2400 kgf/m³, conforme a lo establecido en la Norma E.020 – Cargas (2020). Asimismo, de acuerdo con la Norma E.060 – Concreto Armado (2020), el módulo de elasticidad del concreto se determinó empleando la expresión que relaciona dicho parámetro con la raíz cuadrada de la resistencia a la compresión especificada. Adicionalmente, para representar adecuadamente el comportamiento elástico del material, se

adoptó un coeficiente de Poisson igual a 0,15, valor comúnmente utilizado para el concreto armado.

- Resistencia a la compresión:
    - f'c = 210 kg/cm².
- Módulo de elasticidad:
    - E = 217,370.65 kg/cm².
- Coeficiente de Poisson:
    - ν = 0.15.
- Peso específico:
    - γ = 2,400 kg/m³.

Asignación de las propiedades del concreto armado



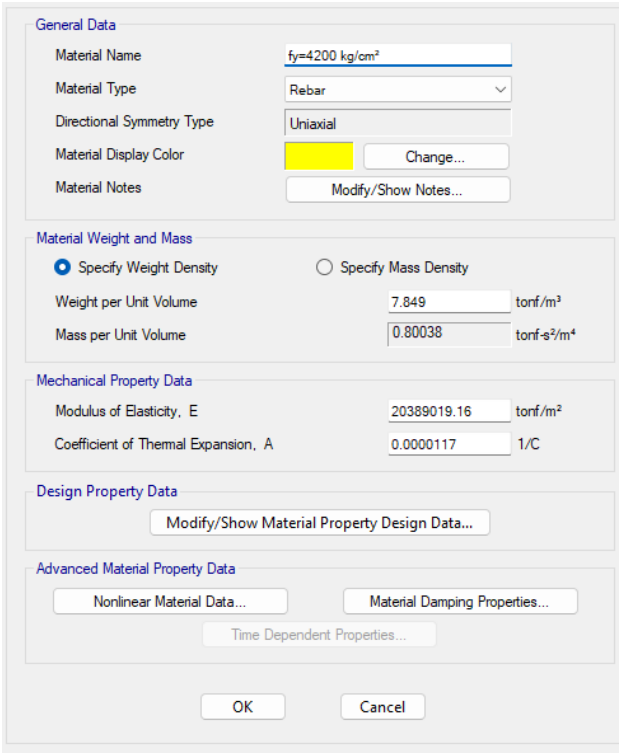
Nota: se muestran los parámetros finales asignados al material de concreto en el software de análisis estructural.

Acero de refuerzo

El material correspondiente al acero estructural fue definido considerando un esfuerzo de fluencia de 4200 kgf/cm², al cual se le asignó un peso unitario de 7850 kgf/m³, de acuerdo con lo indicado en la Norma E.020 – Cargas (2020). Asimismo, para caracterizar su comportamiento elástico, se adoptó un módulo de elasticidad de 20 000 000 kgf/cm², valor representativo del acero estructural.

- Tipo de acero:
    - Acero corrugado ASTM A615 Grado 60.
- Esfuerzo de fluencia:
    - fy = 4,200 kg/cm².
- Módulo de elasticidad:
    - E = 20,000,000 kgf/cm².

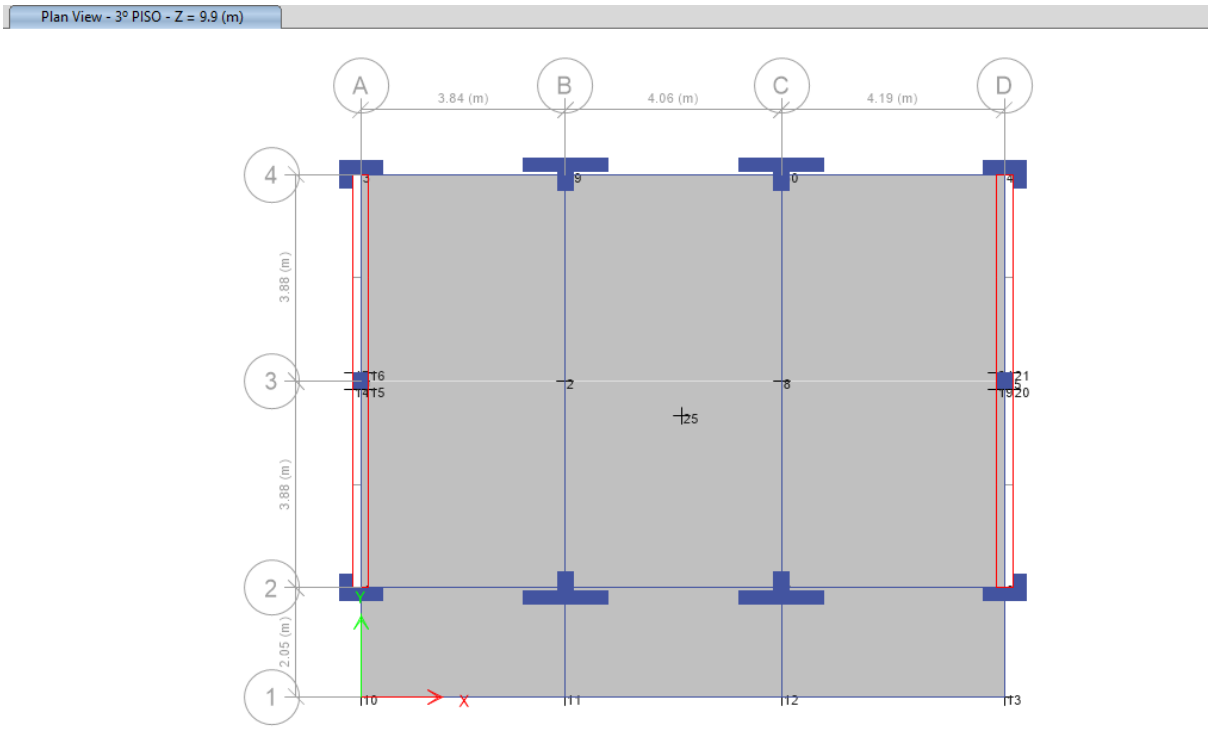
Asignación de las propiedades del acero de Refuerzo



Nota: se presentan los parámetros finales utilizados para la definición del material de acero en el software de análisis estructural.

Elementos estructurales

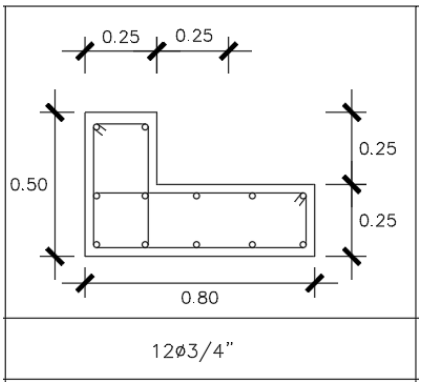
Planta típica en los tres niveles



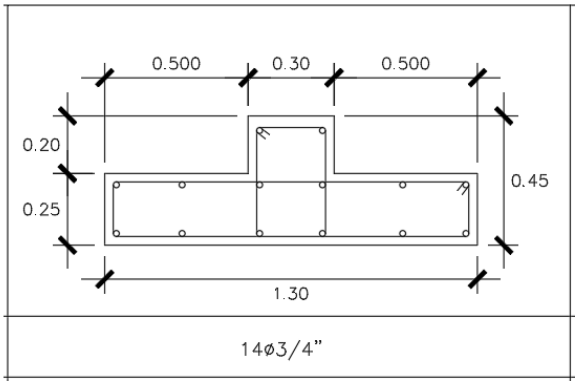
Columnas

Las columnas del módulo SUM presentan las siguientes secciones:

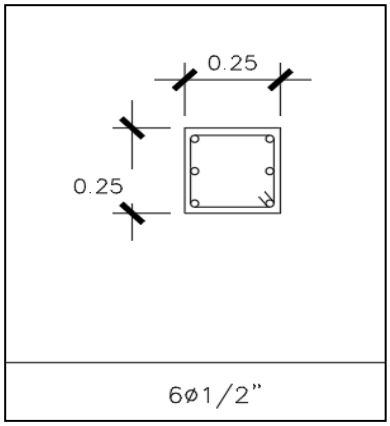
- Sección tipo “L”:
  - 80 × 50 × 25 cm.



- Sección tipo “T”:
  - 45 × 30 × 135 × 25 cm.

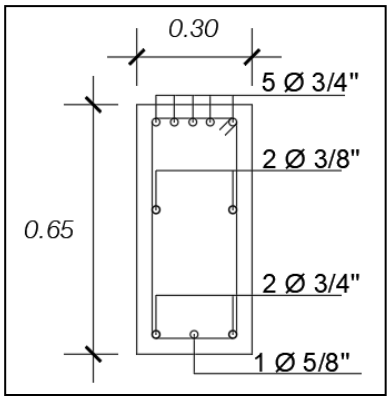


- Sección rectangular:
    - 25 × 25 cm.

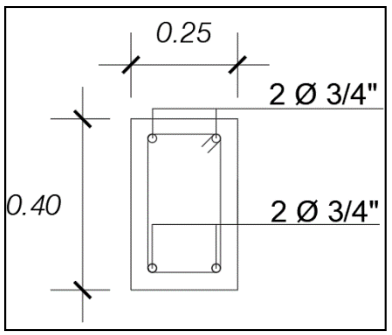


Vigas

- Vigas principales:
    - Sección 30 × 65 cm.



- Vigas secundarias:
    - Sección 25 × 40 cm.



Condiciones sísmicas del sitio

- Ubicación sísmica:
    - Zona Sísmica 4.
- Factor de zona:
    - Z = 0.45.
- Tipo de suelo:
    - Suelo blando (S3).
- Parámetros de sitio:
    - Factor de suelo S = 1.10.
    - Período Tp = 1.00 s.
    - Período Tl = 1.60 s.

Regularidad estructural

De acuerdo con las verificaciones realizadas según la Norma Técnica E.030:

- Regularidad en altura:
    - No se presentan irregularidades de rigidez.
    - No se presentan irregularidades de resistencia.
    - No se presenta irregularidad de masa.
- Regularidad en planta:
    - No se identifican irregularidades torsionales.
    - No existen discontinuidades en diafragmas.

- Clasificación final:
    - Estructura regular en ambas direcciones (X e Y).
- Factores adoptados:
    - Factor de irregularidad en altura: Ia = 1.0.
    - Factor de irregularidad en planta: Ip = 1.0.

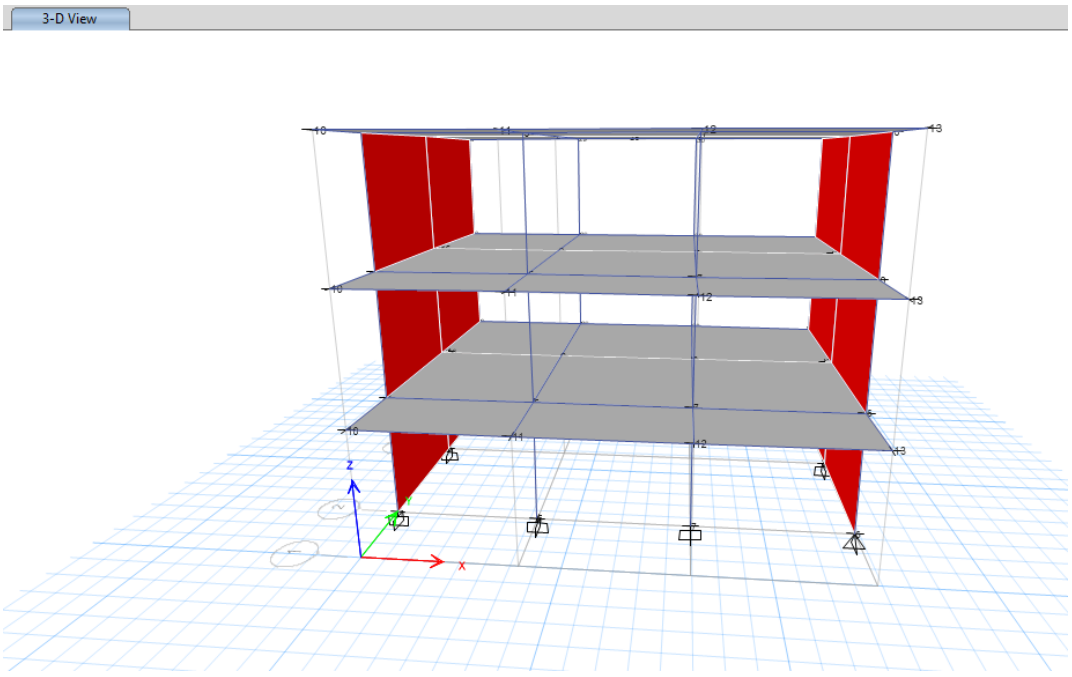
Irregularidades estructurales en altura

TABLA N° 8 - NTE (E.030) IRREGULARIDADES ESTRUCTURALES EN ALTURA	Factor de Irregularidad I_a
Irregularidad de Rigidez – Piso Blando	0.75
Irregularidades de Resistencia – Piso Débil	
Irregularidad Extrema de Rigidez	0.50
Irregularidad Extrema de Resistencia	
Irregularidad de Masa o Peso	0.90
Irregularidad Geométrica Vertical	0.90
Discontinuidad en los Sistemas Resistentes	0.80
Discontinuidad extrema de los Sistemas Resistentes	0.60

Irregularidades estructurales en planta

TABLA N° 9 - NTE (E.030) IRREGULARIDADES ESTRUCTURALES EN PLANTA	Factor de Irregularidad I_p
Irregularidad Torsional	0.75
Irregularidad Torsional Extrema	0.60
Esquinas Entrantes	0.90
Discontinuidad del Diafragma	0.85
Sistemas no Paralelos	0.90

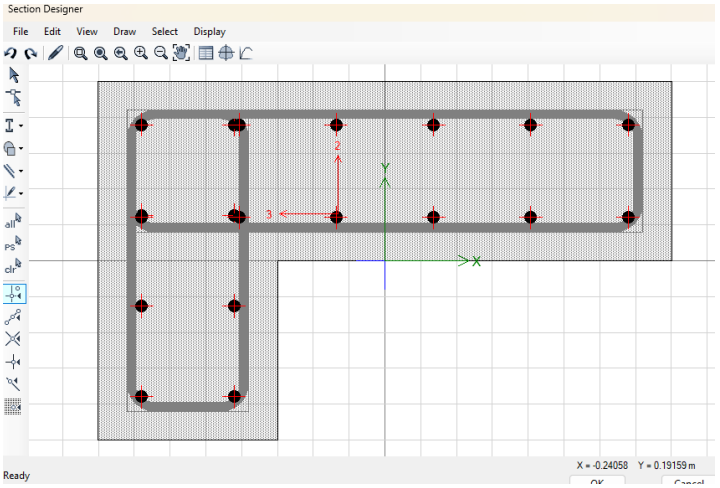
Modelo en Etabs



Columnas

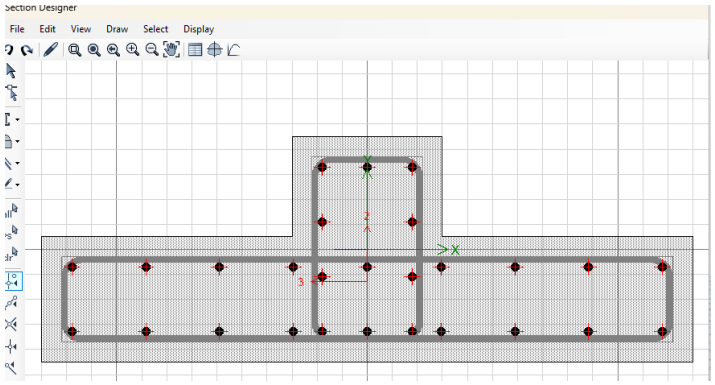
- Sección tipo “L”: 80 × 50 × 25 cm.

Sección definida de la columna L



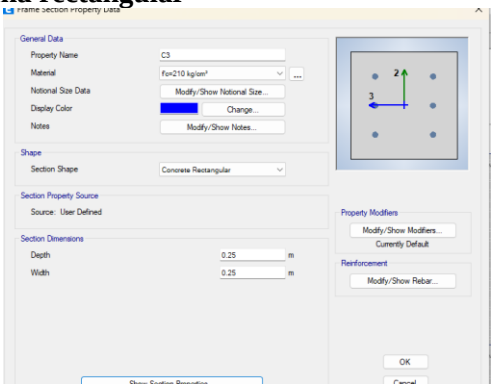
- Sección tipo “T”: 45 × 30 × 145 × 25 cm.

Sección definida de la columna T



- Sección rectangular: 25 × 25 cm.

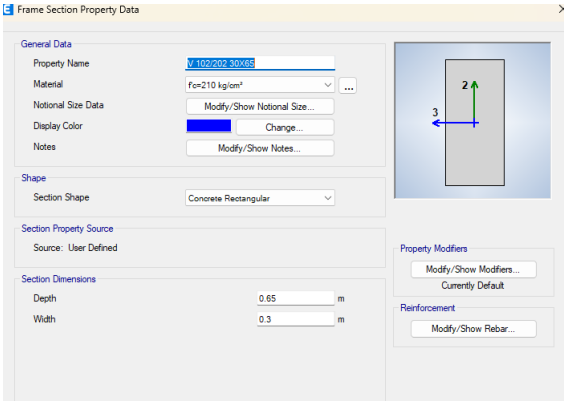
Sección definida de la columna rectangular



Vigas

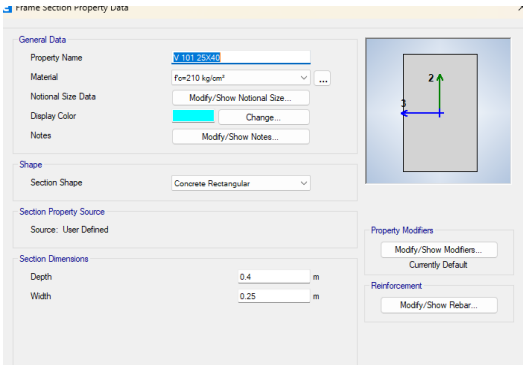
- Vigas principales: Sección 30 × 65 cm.

Sección definida de la viga

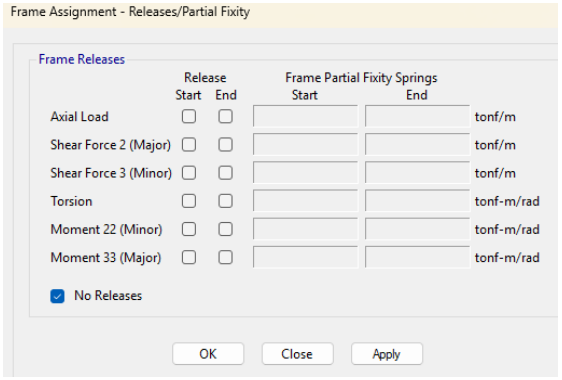


- Vigas secundarias: Sección 25 × 40 cm.

Sección definida de la viga



Asignación de nudos rígidos

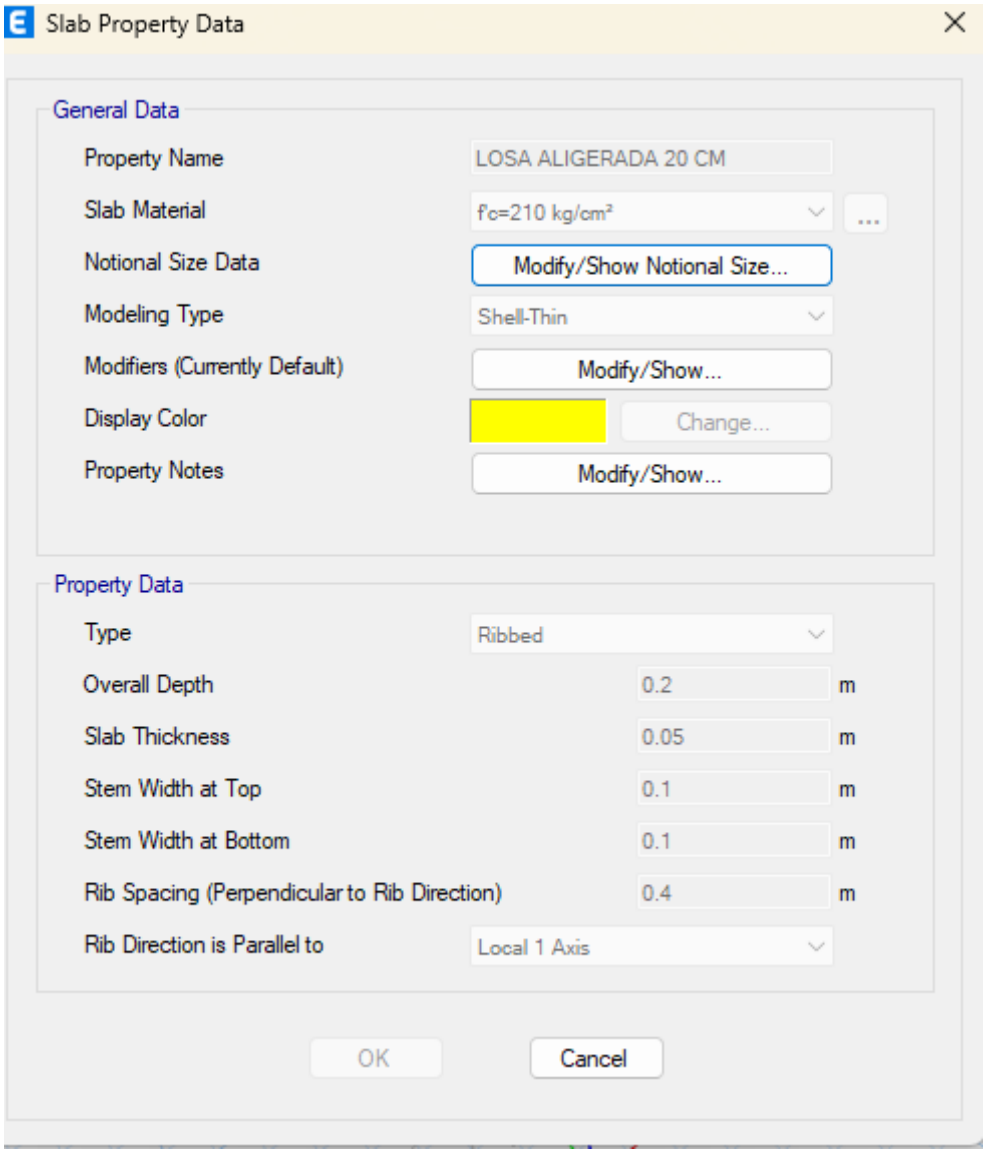


Los elementos estructurales fueron modelados considerando nudos rígidos, no asignándose liberaciones de momento, cortante ni axial en las conexiones viga–columna. Esta condición fue verificada en el software ETABS mediante la opción Frame Releases/Partial Fixity, confirmándose la ausencia de liberaciones en los extremos de los elementos estructurales, lo cual garantiza una adecuada transmisión de esfuerzos entre vigas y columnas.

Losas aligeradas

Para el modelado de la losa aligerada se empleó una sección del tipo “slab”, considerando un comportamiento de membrana (Membrane), con el fin de representar adecuadamente su función de transmisión de cargas en el plano. Asimismo, se definieron viguetas de 20 cm de altura y 10 cm de ancho, dispuestas con una separación de 40 cm medida de eje a eje, características acordes al sistema constructivo de la edificación.

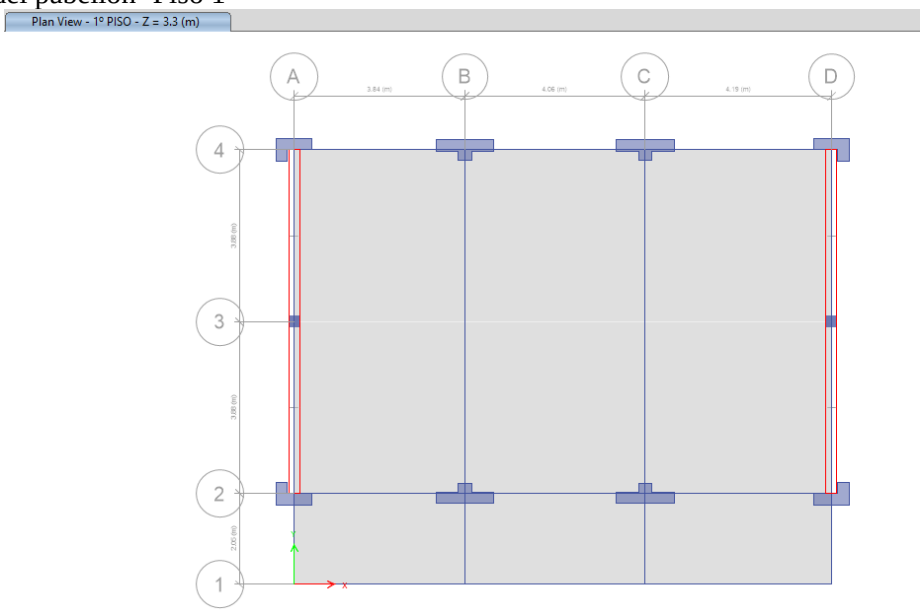
Asignación de Losas aligeradas



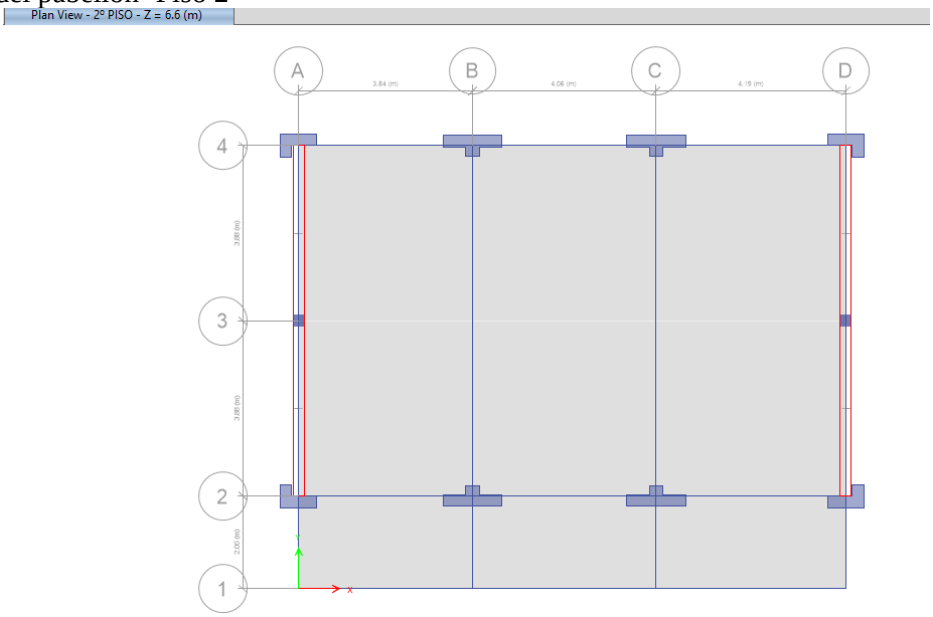
Nota: se muestra la sección asignada a la losa aligerada dentro del software de análisis estructural

Modelamiento del SUM

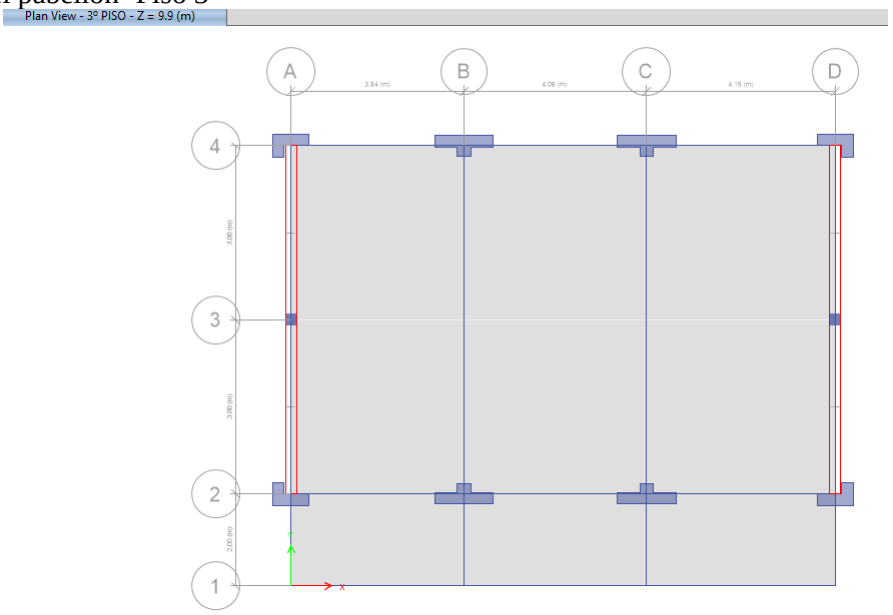
Modelamiento del pabellón- Piso 1



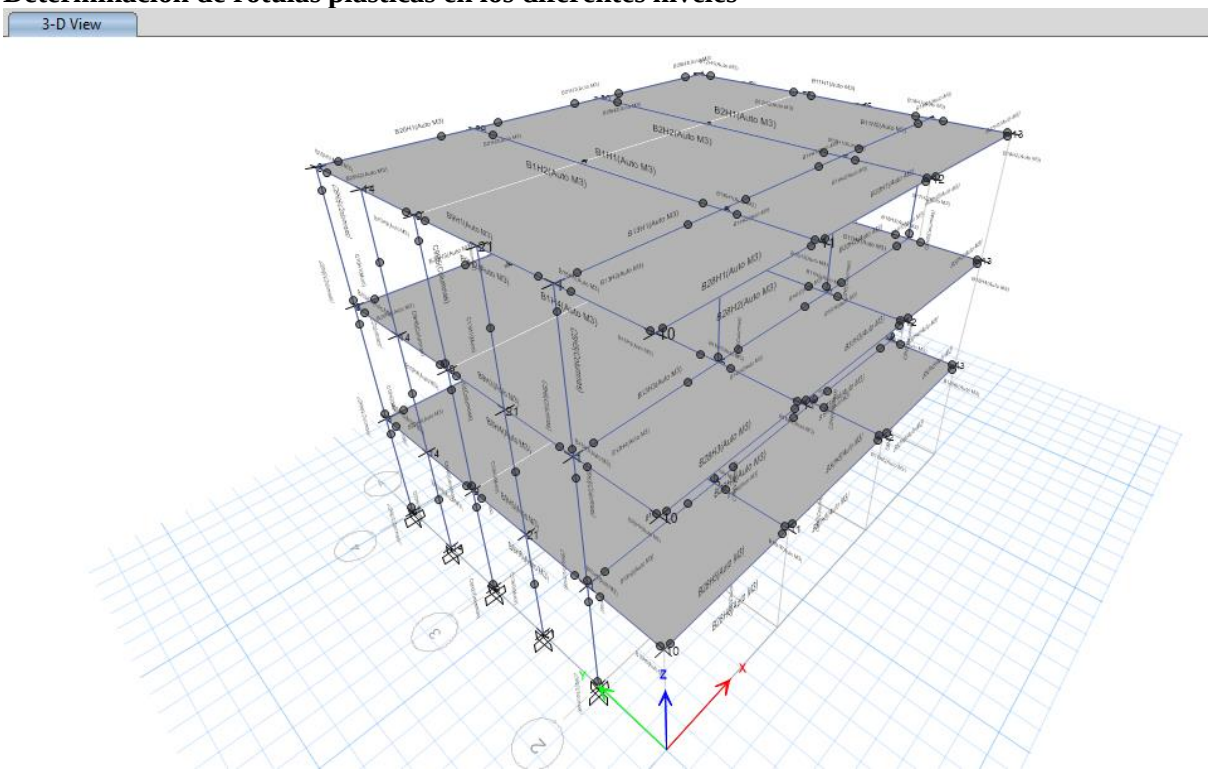
Modelamiento del pabellón- Piso 2



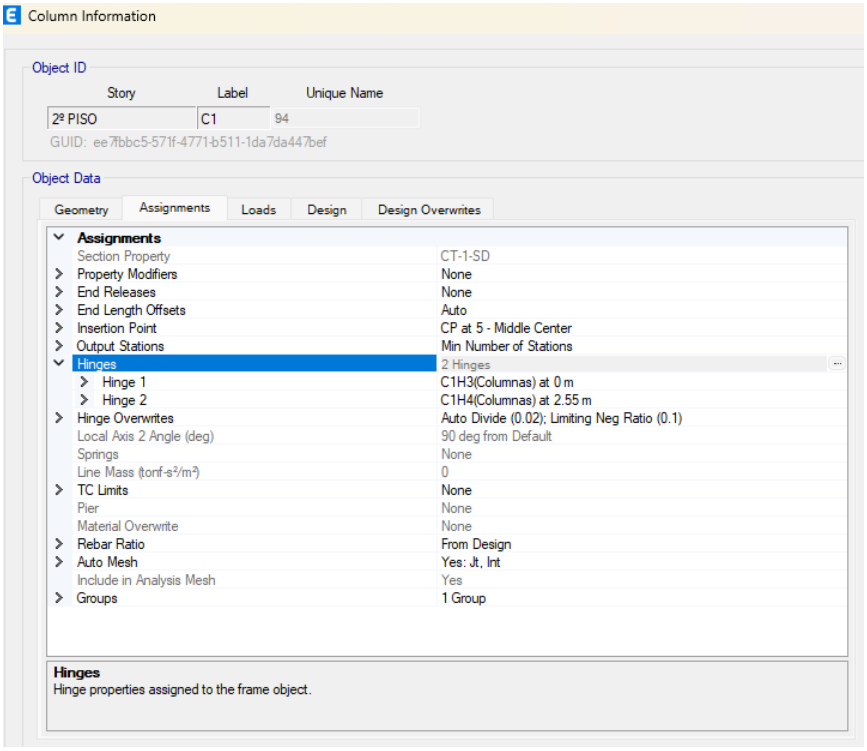
Modelamiento del pabellón- Piso 3



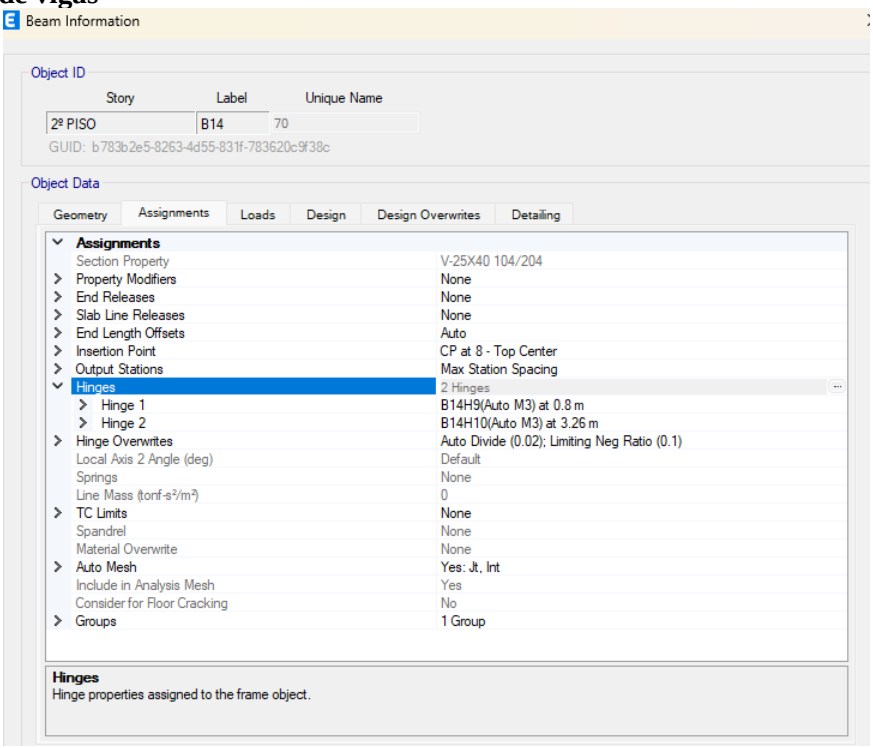
Determinación de rotulas plásticas en los diferentes niveles



Información de columnas

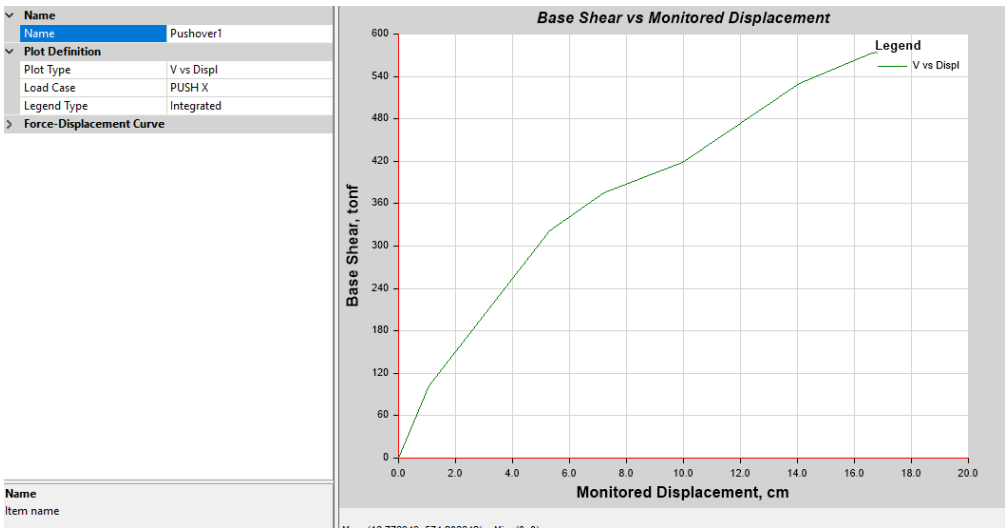


Información de vigas



Análisis estático no lineal tipo Pushover del SUM

Curva de capacidad en dirección X-X



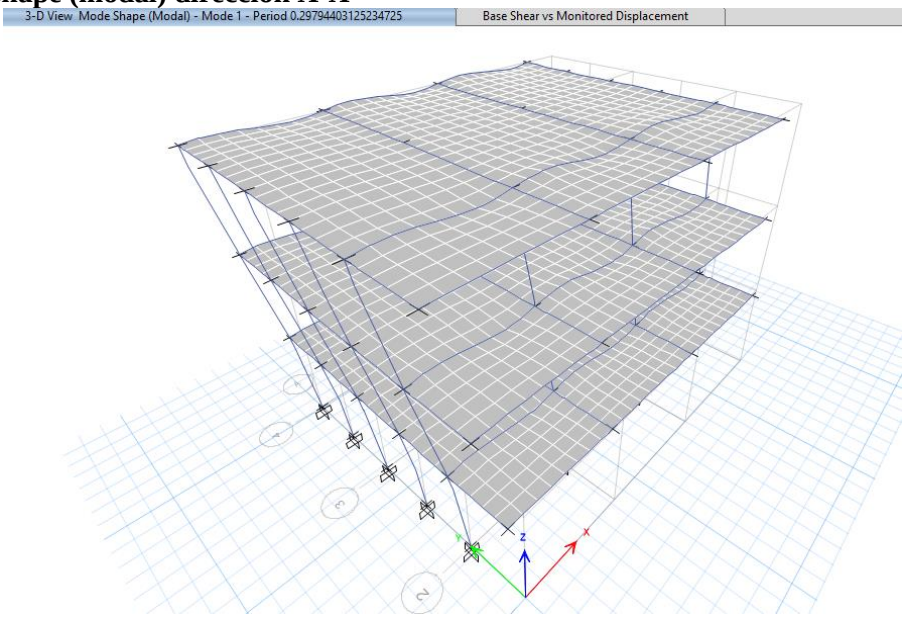
Cortante basal, desplazamiento y estado en dirección X-X

Step	Monitored Displ	Base Force	A-B	B-C	C-D	D-E	>E	A-IO	IO-LS	LS-CP	>CP	Total
	cm	tonf										
0	0	0	186	0	0	0	0	186	0	0	0	186
1	1.061423	102.8246	186	0	0	0	0	186	0	0	0	186
2	5.305824	321.3241	186	0	0	0	0	186	0	0	0	186
3	7.189816	374.793	186	0	0	0	0	186	0	0	0	186
4	9.981049	418.8933	186	0	0	0	0	186	0	0	0	186
5	14.075582	530.1133	186	0	0	0	0	186	0	0	0	186
6	16.523715	571.8393	186	0	0	0	0	186	0	0	0	186
7	16.750051	574.1793	186	0	0	0	0	186	0	0	0	186
8	16.778343	574.2086	186	0	0	0	0	186	0	0	0	186
9	16.784809	573.4428	186	0	0	0	0	186	0	0	0	186
10	16.784926	573.3916	186	0	0	0	0	186	0	0	0	186
11	16.784955	573.3976	186	0	0	0	0	186	0	0	0	186
12	16.784978	573.3975	186	0	0	0	0	186	0	0	0	186
13	16.785485	573.4023	186	0	0	0	0	186	0	0	0	186
14	16.785718	573.3891	186	0	0	0	0	186	0	0	0	186
15	16.785777	573.3905	186	0	0	0	0	186	0	0	0	186
16	16.785923	573.3484	186	0	0	0	0	186	0	0	0	186
17	16.785923	573.3486	186	0	0	0	0	186	0	0	0	186
18	16.785985	573.3526	186	0	0	0	0	186	0	0	0	186
19	16.786072	573.3556	186	0	0	0	0	186	0	0	0	186
20	16.786073	573.3556	186	0	0	0	0	186	0	0	0	186

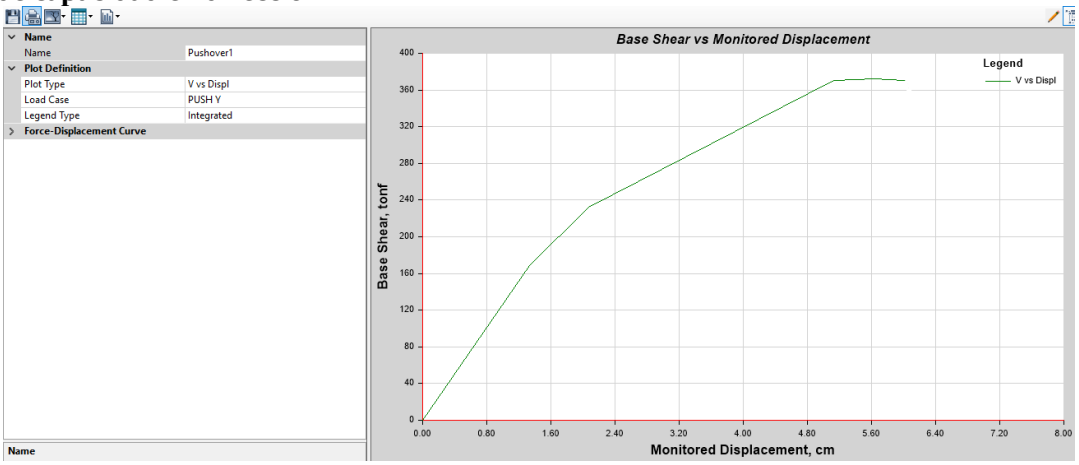
Los resultados del análisis estático no lineal del SUM, representados en la tabla de cortante basal versus desplazamiento monitoreado, evidencian que todos los elementos

estructurales permanecen en el estado A–B durante todo el proceso de carga incremental. Este comportamiento indica que la estructura responde de manera completamente elástica frente a la demanda sísmica aplicada, sin desarrollo de rótulas plásticas ni incursión en el régimen inelástico. La ausencia de rótulas en estados B–C o superiores confirma que no se generan daños estructurales, manteniéndose la rigidez y la capacidad resistente del sistema sin degradación significativa. En consecuencia, el SUM presenta un comportamiento altamente conservador, propio de un nivel de desempeño de Ocupación Inmediata (IO), garantizando la integridad estructural y la funcionalidad inmediata de la edificación posterior a un evento sísmico severo.

Modo shape (modal) dirección X-X



Curva de capacidad en dirección Y-Y



Cortante basal, desplazamiento y estado en dirección Y-Y

Step	Monitored Displ	Base Force	A-B	B-C	C-D	D-E	> E	A-IO	IO-LS	LS-CP	>CP	Total
	cm	tonf										
0	0	0	186	0	0	0	0	186	0	0	0	186
1	1.330681	168.4226	184	2	0	0	0	186	0	0	0	186
2	2.073205	232.1908	178	8	0	0	0	186	0	0	0	186
3	5.112191	369.7066	170	16	0	0	0	186	0	0	0	186
4	5.136891	370.2993	168	18	0	0	0	186	0	0	0	186
5	5.634022	372.553	165	21	0	0	0	186	0	0	0	186
6	6.012659	370.7401	162	24	0	0	0	186	0	0	0	186
7	6.020905	370.1996	162	24	0	0	0	186	0	0	0	186
8	6.021405	370.2326	162	24	0	0	0	186	0	0	0	186
9	6.036142	369.2818	161	25	0	0	0	186	0	0	0	186
10	6.041339	368.6763	161	25	0	0	0	186	0	0	0	186
11	6.101092	349.5961	160	26	0	0	0	186	0	0	0	186
12	6.101285	349.5928	160	26	0	0	0	186	0	0	0	186
13	6.101315	349.5673	160	26	0	0	0	186	0	0	0	186
14	6.101611	349.6056	160	26	0	0	0	186	0	0	0	186

La Tabla presenta los resultados del análisis estático no lineal Pushover del SUM en la dirección Y, donde se observa que la mayoría de los elementos estructurales permanecen en el estado A–B durante todo el proceso de carga incremental, lo que indica un comportamiento predominantemente elástico. A medida que el desplazamiento aumenta, se identifica la aparición limitada de rótulas en el rango B–C, asociadas al inicio de la fluencia en algunos elementos no críticos, sin que estas se generalicen ni afecten la estabilidad global de la estructura. No se registran rótulas en los estados C–D, D–E ni superiores al punto de colapso, lo que confirma que el SUM no desarrolla mecanismos de falla ni daño estructural significativo. En consecuencia, el comportamiento observado es coherente con un nivel de desempeño de Ocupación Inmediata (IO), garantizando la integridad estructural y la funcionalidad del SUM ante la demanda sísmica considerada.

Curva de capacidad para identificar el punto de desempeño estructural del SUM

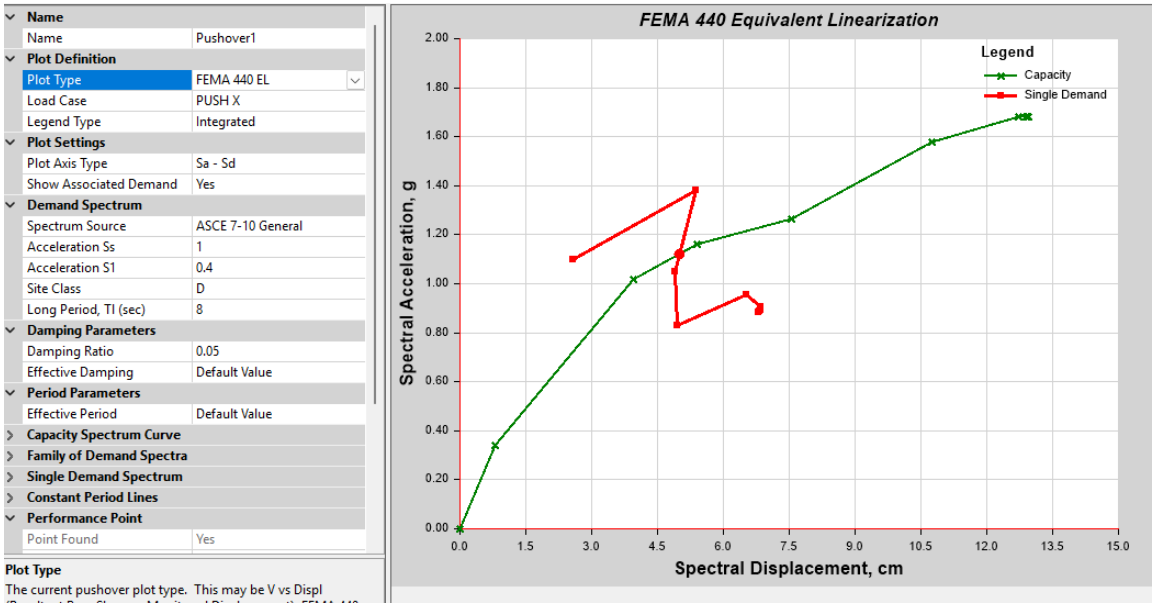
Conversión de la curva Pushover a curva de capacidad

A partir de los resultados obtenidos en el análisis estático no lineal (Pushover), se procedió a transformar las curvas de cortante basal versus desplazamiento del nodo de control en curvas de capacidad, expresadas en términos de aceleración espectral (Sa) y desplazamiento espectral (Sd). Esta transformación permite representar el comportamiento global del pabellón

de aulas mediante un sistema equivalente de un grado de libertad, conforme a los lineamientos establecidos en FEMA 440.

Para esta conversión se emplearon los valores de desplazamiento incremental, cortante basal y estado de rótulas obtenidos anteriormente, considerando el modo de vibración predominante y los parámetros dinámicos de la estructura. De este modo, se obtuvo la curva Sa–Sd para cada dirección analizada.

Curva de capacidad del SUM – Dirección X



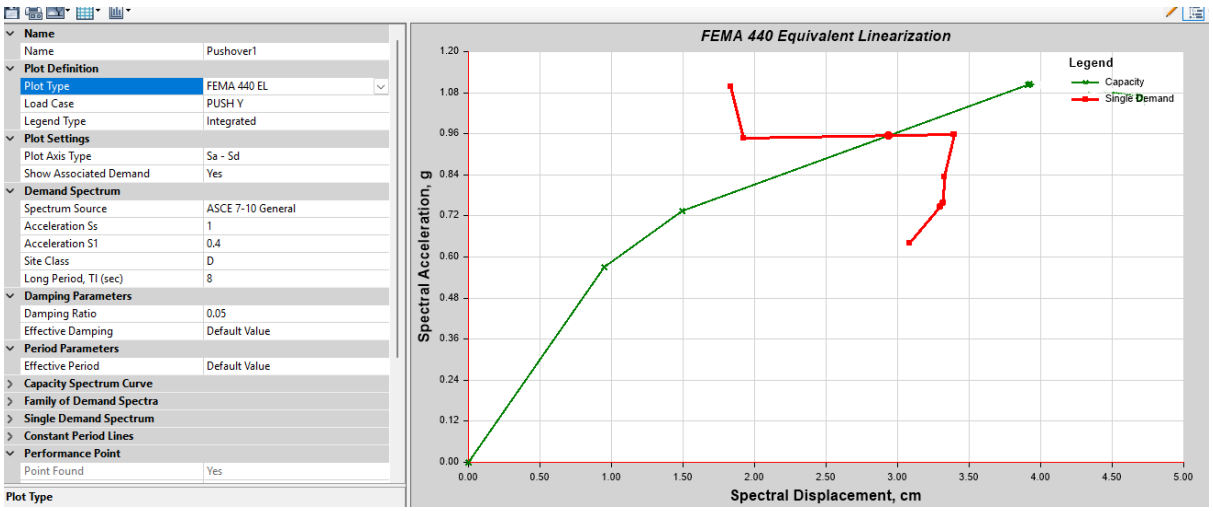
FEMA 440 Equivalent Linearization

Sd	Sa	Period
cm	g	sec
0	0	0
0.799094	0.340942	0.307
3.955335	1.016244	0.396
5.408233	1.160367	0.433
7.558024	1.26241	0.491
10.741666	1.576737	0.524
12.72354	1.680049	0.552
12.900412	1.68123	0.554
12.915684	1.681945	0.555
12.928347	1.68221	0.556
12.936428	1.682145	0.556
12.940572	1.68198	0.556
12.943087	1.681745	0.557
12.94365	1.68132	0.557
12.943868	1.68095	0.557
12.944125	1.68062	0.557

12.94417	1.68031	0.557
12.944237	1.68002	0.557
12.944238	1.68002	0.557
12.944238	1.679895	0.557

La Tabla presenta los valores obtenidos para la determinación del punto de desempeño del SUM en la dirección X mediante el método de linealización equivalente FEMA 440. Se observa que, a medida que avanza el proceso iterativo, los valores de desplazamiento espectral, aceleración espectral y periodo efectivo convergen progresivamente hacia valores estables. El punto de desempeño se alcanza para un desplazamiento espectral aproximado de 12.94 cm, una aceleración espectral cercana a 1.68 g y un periodo efectivo de 0.56 s. Esta convergencia indica que la estructura alcanza un estado de equilibrio entre la capacidad estructural y la demanda sísmica, sin ingresar a rangos de daño severo, siendo consistente con un comportamiento predominantemente elástico.

Curva de capacidad del SUM – Dirección Y



FEMA 440 Equivalent Linearization

Sd	Sa	Period
cm	g	sec
0	0	0
0.950623	0.569873	0.259
1.491113	0.734845	0.286
3.907983	1.103841	0.378
3.925853	1.105101	0.378
4.355008	1.090563	0.401
4.683452	1.070624	0.418
4.689435	1.06928	0.419
4.689737	1.06895	0.419
4.699943	1.06782	0.42

4.704694	1.06654	0.421
4.750218	1.02063	0.435
4.780946	1.00321	0.438
4.795412	0.99812	0.439
4.798811	0.99731	0.44

La Tabla muestra los valores obtenidos para la determinación del punto de desempeño del SUM en la dirección Y mediante el procedimiento de linealización equivalente FEMA 440. Se observa que el proceso iterativo converge progresivamente hacia un desplazamiento espectral aproximado de 4.80 cm, una aceleración espectral cercana a 1.00 g y un periodo efectivo del orden de 0.44 s. En comparación con la dirección X, la respuesta estructural en Y presenta menores demandas de desplazamiento y aceleración, lo cual es consistente con una mayor rigidez global en dicha dirección. La estabilidad de los valores finales confirma la obtención de un punto de desempeño único, asociado a un nivel de daño leve y compatible con un desempeño estructural aceptable.

Resultados del punto de desempeño

Los valores obtenidos del punto de desempeño estructural para el SUM se resumen en la siguiente tabla, elaborada a partir de los datos contenidos en el archivo Excel de desempeño sísmico.

Punto de desempeño estructural del SUM

Dirección	Sd (cm)	Sa (g)	Periodo (s)	Nivel
X-X	12.94	1.68	0.56	IO
Y-Y	4.8	1	0.44	IO

La tabla resumen del punto de desempeño del Salón de Usos Múltiples (SUM) muestra los valores finales de desplazamiento espectral (Sd), aceleración espectral (Sa) y periodo efectivo (T) obtenidos mediante el método de linealización equivalente FEMA 440 para ambas direcciones principales de análisis, evidenciándose un comportamiento estructural diferenciado. En la dirección X, el punto de desempeño se alcanza con un desplazamiento espectral aproximado de 12.94 cm, una aceleración espectral cercana a 1.68 g y un periodo efectivo del orden de 0.56 s, lo que refleja una mayor flexibilidad estructural y mayores demandas de deformación; mientras que en la dirección Y, el desempeño se caracteriza por un desplazamiento espectral cercano a 4.80 cm, una aceleración espectral aproximada de 1.00 g y un periodo efectivo de 0.44 s, indicando una respuesta más rígida y controlada. Esta diferencia

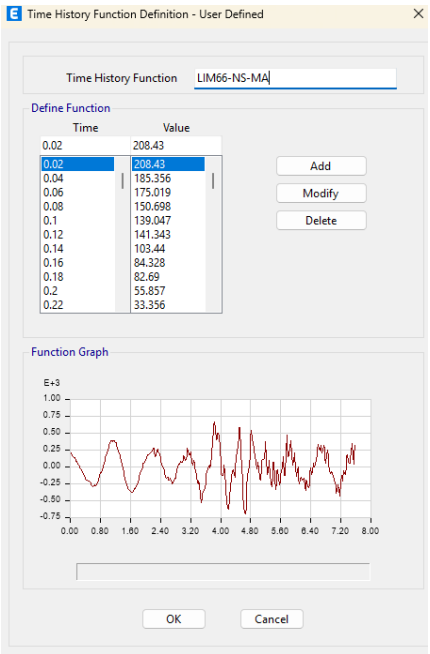
confirma que la dirección X gobierna la respuesta sísmica del SUM; sin embargo, en ambas direcciones los valores obtenidos se mantienen dentro de rangos compatibles con niveles de daño leve, sin evidenciar pérdida significativa de capacidad resistente ni formación de mecanismos globales de colapso, por lo que el desempeño estructural del SUM puede considerarse aceptable frente al sismo de diseño, cumpliendo los criterios de desempeño establecidos para edificaciones educativas.

Análisis dinámico no lineal tiempo–historia del SUM

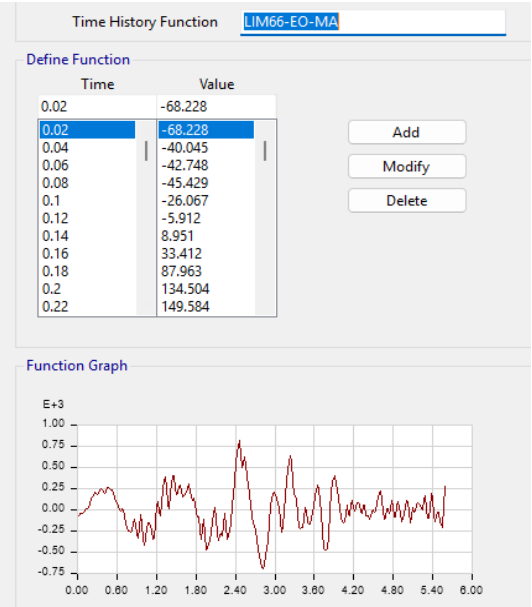
Selección de los registros sísmicos.

Para la ejecución del análisis dinámico no lineal tiempo–historia del SUM, se seleccionaron registros sísmicos representativos de la zona de estudio, considerando eventos compatibles con el peligro sísmico del territorio peruano. Los acelerogramas empleados corresponden a registros reales escalados, los cuales fueron seleccionados en función de su magnitud, contenido frecuencial y compatibilidad con el espectro de diseño definido por la Norma Técnica E.030. Los registros fueron aplicados en ambas direcciones principales de la estructura (X–X y Y–Y), permitiendo evaluar la respuesta dinámica no lineal del sistema estructural bajo acciones sísmicas realistas.

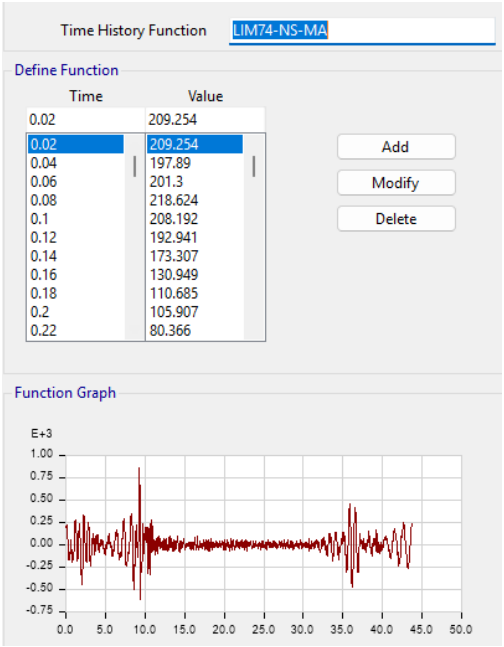
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1966 (componente NS)



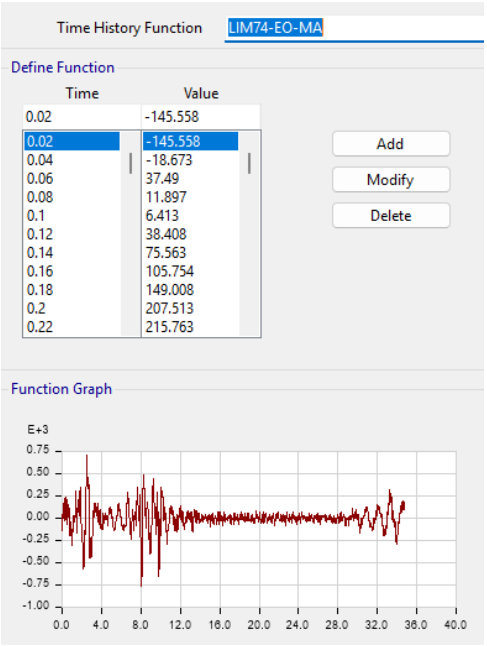
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1966 (componente EO)



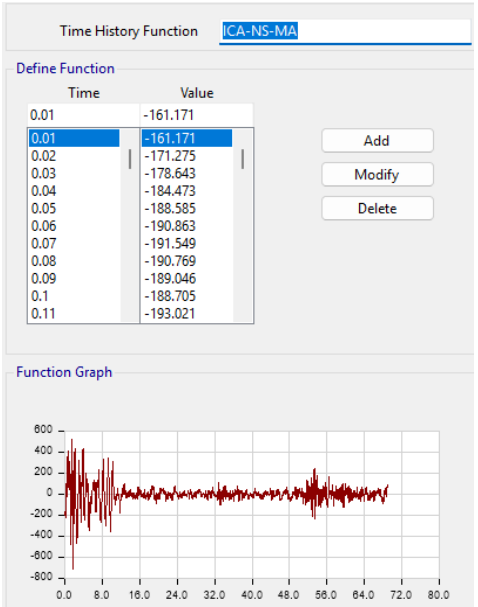
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1974 (componente NS)



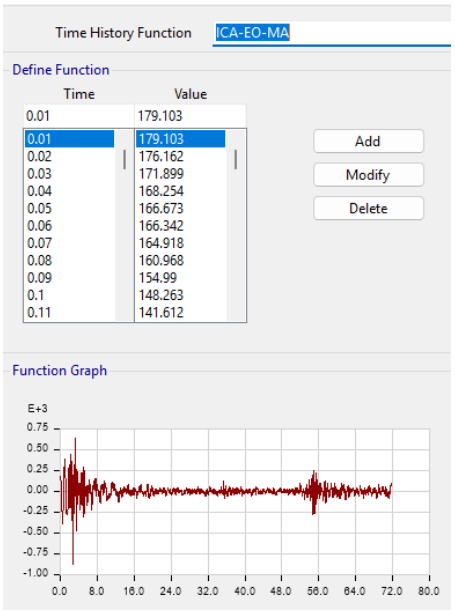
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1974 (componente EO)



Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro ICA (componente NS)



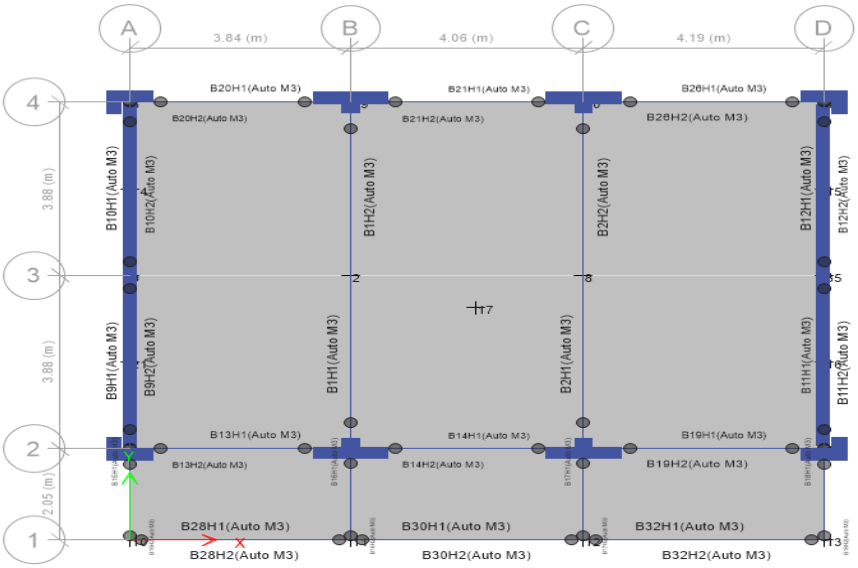
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro ICA (componente EO)



Definición del modelo no lineal para análisis dinámico

El modelo estructural desarrollado previamente fue empleado para el análisis dinámico no lineal, incorporando las no linealidades materiales mediante la asignación de rótulas plásticas en vigas y columnas, conforme a los criterios establecidos en FEMA 356. Asimismo, se consideraron los efectos de segundo orden mediante la activación del análisis P–Delta, garantizando una representación más realista del comportamiento estructural frente a solicitaciones sísmicas severas. Las propiedades dinámicas del modelo, tales como masa y amortiguamiento, fueron definidas de manera consistente con los análisis previos.

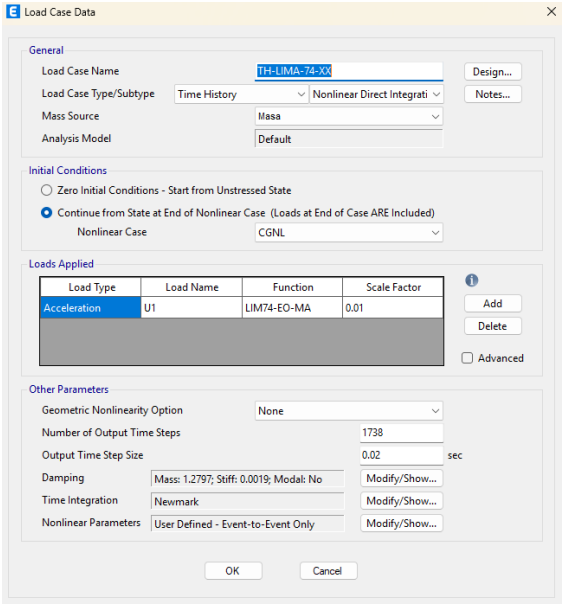
- **Vista del modelo con rótulas asignadas**



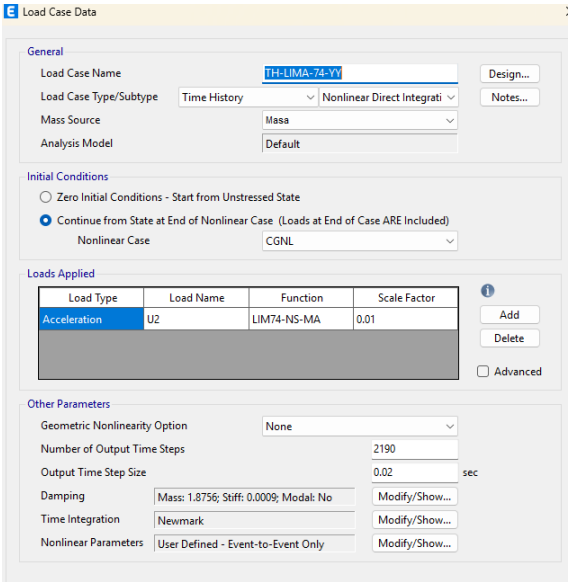
Definición de los casos de carga tiempo–historia

Los registros sísmicos seleccionados fueron definidos en el software como casos de carga de tipo Nonlinear Direct Integration Time History, aplicados independientemente en cada dirección principal de análisis. Cada caso de carga fue configurado considerando el paso de integración adecuado, la duración total del registro y la escala correspondiente, permitiendo capturar la evolución temporal de la respuesta estructural. Para el análisis se consideraron únicamente los casos tiempo–historia y el caso modal necesario para la definición de las propiedades dinámicas, descartando combinaciones lineales adicionales durante la ejecución del análisis, realizado mediante el método Newmark.

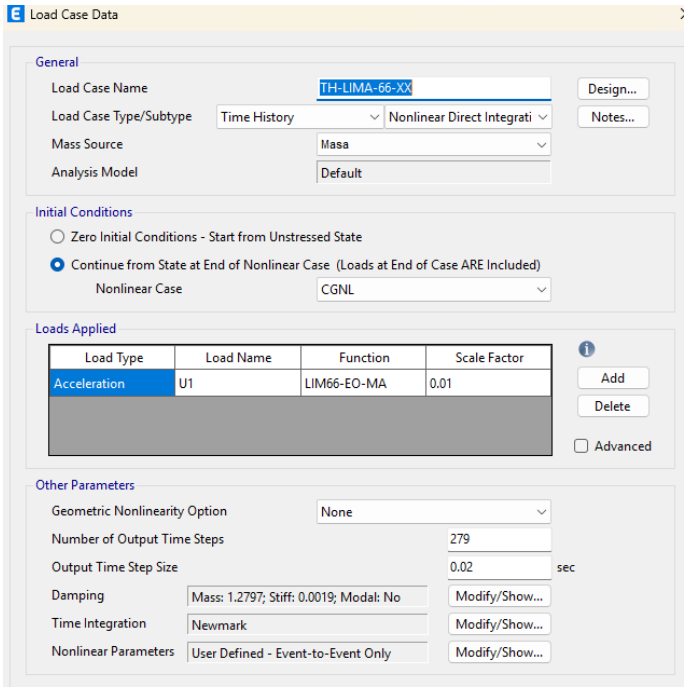
Load case - TH-LIMA-74-XX



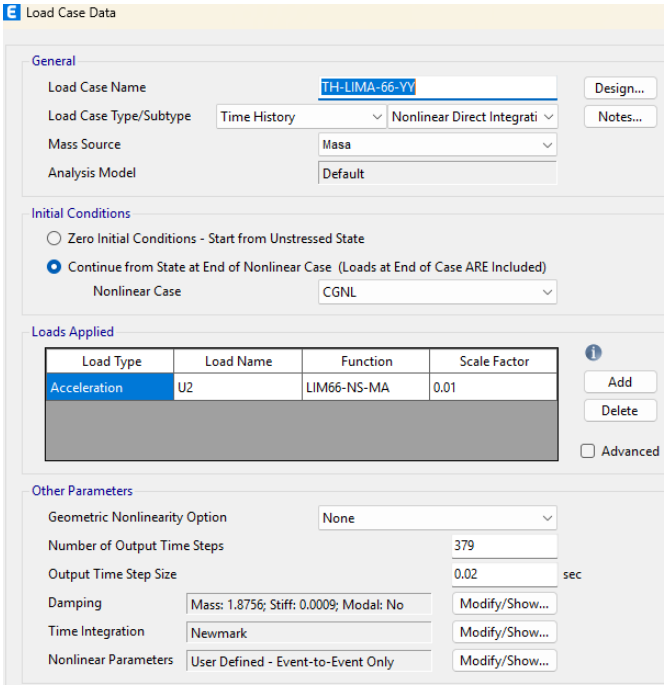
Load case - TH-LIMA-74-YY



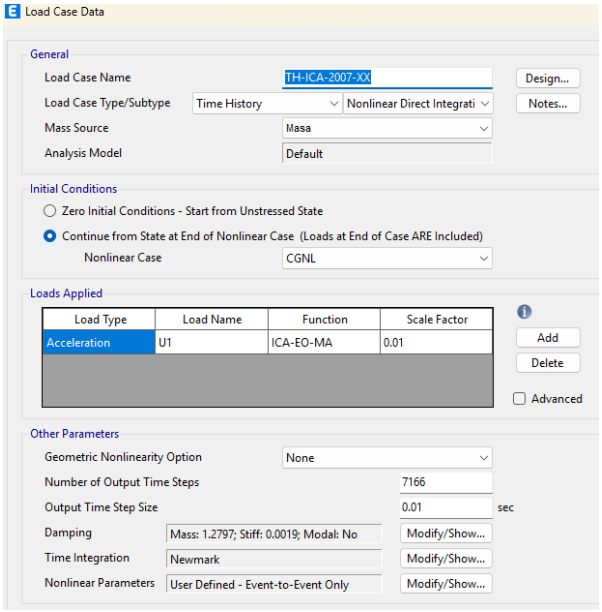
Load case - TH-LIMA-66-XX



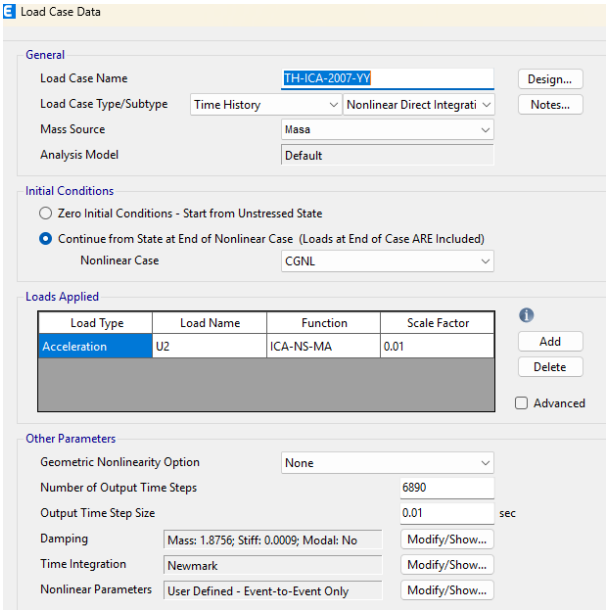
Load case - TH-LIMA-66-YY



Load case - TH-ICA-XX



Load case - TH-ICA-YY



Ejecución del análisis dinámico no lineal

Una vez definidos los registros sísmicos y los casos de carga correspondientes, se procedió a ejecutar el análisis dinámico no lineal tiempo–historia del pabellón de aulas. El análisis permitió evaluar la evolución temporal de las respuestas estructurales, tales como desplazamientos, aceleraciones, fuerzas internas y estados de daño en los elementos estructurales, considerando explícitamente los efectos inelásticos y la redistribución de esfuerzos durante la excitación sísmica.

Datos obtenidos del análisis tiempo–historia

RESULTADOS DEL MODULO SUM

TABLE: Story Drifts

Story	Output Case	Case Type	Step Type	Direction	Drift	Drift/	Label	X m	Y m	Z m
3º PISO	TH-LIMA-74-XX	NonDirHist	Max	X	0.003114	1/321	13	0.1209	0	0.099
3º PISO	TH-LIMA-74-XX	NonDirHist	Min	X	0.00278	1/360	13	0.1209	0	0.099
3º PISO	TH-LIMA-66-XX	NonDirHist	Max	X	0.003271	1/306	13	0.1209	0	0.099
3º PISO	TH-LIMA-66-XX	NonDirHist	Min	X	0.003039	1/329	13	0.1209	0	0.099
3º PISO	TH-ICA-2007-XX	NonDirHist	Max	X	0.003146	1/318	13	0.1209	0	0.099
3º PISO	TH-ICA-2007-XX	NonDirHist	Min	X	0.001819	1/550	13	0.1209	0	0.099
2º PISO	TH-LIMA-74-XX	NonDirHist	Max	X	0.003855	1/259	13	0.1209	0	0.066
2º PISO	TH-LIMA-74-XX	NonDirHist	Min	X	0.003399	1/294	13	0.1209	0	0.066
2º PISO	TH-LIMA-66-XX	NonDirHist	Max	X	0.004024	1/249	13	0.1209	0	0.066
2º PISO	TH-LIMA-66-XX	NonDirHist	Min	X	0.003818	1/262	13	0.1209	0	0.066
2º PISO	TH-ICA-2007-XX	NonDirHist	Max	X	0.003895	1/257	13	0.1209	0	0.066
2º PISO	TH-ICA-2007-XX	NonDirHist	Min	X	0.002168	1/461	13	0.1209	0	0.066
1º PISO	TH-LIMA-74-XX	NonDirHist	Max	X	0.002835	1/353	6	0.1209	0.0205	0.033
1º PISO	TH-LIMA-74-XX	NonDirHist	Min	X	0.002429	1/412	6	0.1209	0.0205	0.033
1º PISO	TH-LIMA-66-XX	NonDirHist	Max	X	0.002954	1/339	6	0.1209	0.0205	0.033
1º PISO	TH-LIMA-66-XX	NonDirHist	Min	X	0.002863	1/349	6	0.1209	0.0205	0.033
1º PISO	TH-ICA-2007-XX	NonDirHist	Max	X	0.002849	1/351	6	0.1209	0.0205	0.033
1º PISO	TH-ICA-2007-XX	NonDirHist	Min	X	0.001538	1/650	6	0.1209	0.0205	0.033
3º PISO	TH-LIMA-74-YY	NonDirHist	Max	Y	0.00011	1/9059	13	0.1209	0	0.099
3º PISO	TH-LIMA-74-YY	NonDirHist	Min	Y	0.000108	1/9284	13	0.1209	0	0.099
3º PISO	TH-LIMA-66-YY	NonDirHist	Max	Y	0.000114	1/8736	13	0.1209	0	0.099
3º PISO	TH-LIMA-66-YY	NonDirHist	Min	Y	0.000165	1/6052	13	0.1209	0	0.099
3º PISO	TH-ICA-2007-YY	NonDirHist	Max	Y	0.00011	1/9102	13	0.1209	0	0.099
3º PISO	TH-ICA-2007-YY	NonDirHist	Min	Y	0.000095	1/10569	13	0.1209	0	0.099

2º PISO	TH-LIMA-74-YY	NonDirHist	Max	Y	0.00013	1/7676	10	0	0	0.066	
2º PISO	TH-LIMA-74-YY	NonDirHist	Min	Y	0.000122	1/8188	10	0	0	0.066	
2º PISO	TH-LIMA-66-YY	NonDirHist	Max	Y	0.000132	1/7599	10	0	0	0.066	
2º PISO	TH-LIMA-66-YY	NonDirHist	Min	Y	0.000185	1/5406	10	0	0	0.066	
2º PISO	TH-ICA-2007-YY	NonDirHist	Max	Y	0.000132	1/7596	10	0	0	0.066	
2º PISO	TH-ICA-2007-YY	NonDirHist	Min	Y	0.000107	1/9350	10	0	0	0.066	
1º PISO	TH-LIMA-74-YY	NonDirHist	Max	Y	0.000114	1/8740	3	0	0.0981	0.033	
1º PISO	TH-LIMA-74-YY	NonDirHist	Min	Y	0.000106	1/9428	3	0	0.0981	0.033	
1º PISO	TH-LIMA-66-YY	NonDirHist	Max	Y	0.000111	1/9045	3	0	0.0981	0.033	
1º PISO	TH-LIMA-66-YY	NonDirHist	Min	Y	0.000152	1/6581	3	0	0.0981	0.033	
1º PISO	TH-ICA-2007-YY	NonDirHist	Max	Y	0.000121	1/8298	3	0	0.0981	0.033	
1º PISO	TH-ICA-2007-YY	NonDirHist	Min	Y	0.000093	1/10773	3	0	0.0981	0.033	

TABLE: Joint Displacements

Story	Label	Unique Name	Output Case	Case Type	Step Type	Ux cm	Uy cm	Uz cm	Rx rad	Ry rad	Rz rad
3º PISO	2	33	TH-LIMA-74-XX	NonDirHist	Max	3.217779	-0.003657	-0.088846	0.000004	0.000255	0.000033
3º PISO	2	33	TH-LIMA-74-XX	NonDirHist	Min	-2.827858	-0.008948	-0.136081	-0.000011	0.000071	-0.000024
3º PISO	2	33	TH-LIMA-74-YY	NonDirHist	Max	0.005096	-0.117066	-0.127302	0.000031	0.000191	1.676E-07
3º PISO	2	33	TH-LIMA-74-YY	NonDirHist	Min	-0.002553	-0.110671	-0.127371	-0.000033	0.000191	-1.127E-07
3º PISO	2	33	TH-LIMA-66-XX	NonDirHist	Max	3.363764	-0.004099	-0.078424	0.000001	0.000253	0.000035
3º PISO	2	33	TH-LIMA-66-XX	NonDirHist	Min	-3.195335	-0.009025	-0.135167	-0.000008	0.00005	-0.000025
3º PISO	2	33	TH-LIMA-66-YY	NonDirHist	Max	0.005641	-0.117254	-0.12726	0.000032	0.000191	3.186E-07
3º PISO	2	33	TH-LIMA-66-YY	NonDirHist	Min	-0.003056	-0.165479	-0.127389	-0.00005	0.000191	-2.119E-07
3º PISO	2	33	TH-ICA-2007-XX	NonDirHist	Max	3.245759	-0.004689	-0.105328	-0.000003	0.000249	0.000034
3º PISO	2	33	TH-ICA-2007-XX	NonDirHist	Min	-1.811012	-0.008566	-0.134064	-0.000008	0.000118	-0.000016
3º PISO	2	33	TH-ICA-2007-YY	NonDirHist	Max	0.005289	-0.119351	-0.127306	0.000031	0.000191	1.125E-07
3º PISO	2	33	TH-ICA-2007-YY	NonDirHist	Min	-0.002384	-0.096989	-0.127364	-0.000029	0.000191	-2.142E-08
3º PISO	5	237	TH-LIMA-74-XX	NonDirHist	Max	3.230706	-0.003657	-0.000105	-0.000034	0.002604	0.000033
3º PISO	5	237	TH-LIMA-74-XX	NonDirHist	Min	-2.837291	-0.008948	-0.035128	-0.00011	-0.002334	-0.000024

3º PISO	5	237	TH-LIMA-74-YY	NonDirHist	Max	0.005136	0.117066	-0.030445	0.000004	0.000012	1.676E-07
3º PISO	5	237	TH-LIMA-74-YY	NonDirHist	Min	-0.002563	-0.110671	-0.035205	-0.000158	-5.468E-09	-1.127E-07
3º PISO	5	237	TH-LIMA-66-XX	NonDirHist	Max	3.377267	0.004099	-0.001298	-0.000031	0.002737	0.000035
3º PISO	5	237	TH-LIMA-66-XX	NonDirHist	Min	-3.204537	-0.009025	-0.036308	-0.000117	-0.002535	-0.000025
3º PISO	5	237	TH-LIMA-66-YY	NonDirHist	Max	0.005638	0.117254	-0.030404	0.000047	0.000015	3.186E-07
3º PISO	5	237	TH-LIMA-66-YY	NonDirHist	Min	-0.003031	-0.165479	-0.03641	-0.000161	-0.000006	-2.119E-07
3º PISO	5	237	TH-ICA-2007-XX	NonDirHist	Max	3.258802	0.004689	-0.000916	-0.000048	0.002626	0.000034
3º PISO	5	237	TH-ICA-2007-XX	NonDirHist	Min	-1.817092	-0.008566	-0.034207	-0.000114	-0.001547	-0.000016
3º PISO	5	237	TH-ICA-2007-YY	NonDirHist	Max	0.005307	0.119351	-0.030426	-0.000005	0.000012	1.125E-07
3º PISO	5	237	TH-ICA-2007-YY	NonDirHist	Min	-0.002373	-0.096989	-0.034917	-0.000157	-8.153E-09	-2.142E-08
3º PISO	7	240	TH-LIMA-74-XX	NonDirHist	Max	3.230706	0.004934	-0.001678	-0.000035	0.002636	0.000033
3º PISO	7	240	TH-LIMA-74-XX	NonDirHist	Min	-2.837291	-0.014622	-0.042865	-0.000095	-0.002362	-0.000024
3º PISO	7	240	TH-LIMA-74-YY	NonDirHist	Max	0.005136	0.117037	-0.032438	0.000001	0.000006	1.676E-07
3º PISO	7	240	TH-LIMA-74-YY	NonDirHist	Min	-0.002563	-0.110637	-0.036334	-0.00016	-0.000006	-1.127E-07
3º PISO	7	240	TH-LIMA-66-XX	NonDirHist	Max	3.377267	0.005105	-0.010513	-0.000031	0.002771	0.000035
3º PISO	7	240	TH-LIMA-66-XX	NonDirHist	Min	-3.204537	-0.014805	-0.041039	-0.000106	-0.002558	-0.000025
3º PISO	7	240	TH-LIMA-66-YY	NonDirHist	Max	0.005638	0.11723	-0.032405	0.000044	0.000008	3.186E-07

3º PISO	7	240	TH-LIMA-66-YY	NonDirHist	Min	0.003031	-0.16535	0.037319	-0.000164	-0.000006	-2.119E-07
3º PISO	7	240	TH-ICA-2007-XX	NonDirHist	Max	3.258802	0.005181	0.014552	-0.000034	0.00266	0.000034
3º PISO	7	240	TH-ICA-2007-XX	NonDirHist	Min	1.817092	-0.01125	0.040734	-0.000087	-0.001562	-0.000016
3º PISO	7	240	TH-ICA-2007-YY	NonDirHist	Max	0.005307	0.119353	0.032437	-0.000008	0.000005	1.125E-07
3º PISO	7	240	TH-ICA-2007-YY	NonDirHist	Min	0.002373	0.096953	0.036108	-0.00016	-0.000003	-2.142E-08
3º PISO	8	36	TH-LIMA-74-XX	NonDirHist	Max	3.217779	0.004934	0.106133	0.000007	0.000041	0.000033
3º PISO	8	36	TH-LIMA-74-XX	NonDirHist	Min	2.827858	0.014622	0.136665	-0.00001	-0.000214	-0.000024
3º PISO	8	36	TH-LIMA-74-YY	NonDirHist	Max	0.005096	0.117037	-0.13288	0.000033	-0.000124	1.676E-07
3º PISO	8	36	TH-LIMA-74-YY	NonDirHist	Min	0.002553	0.110637	0.132971	-0.000034	-0.000124	-1.127E-07
3º PISO	8	36	TH-LIMA-66-XX	NonDirHist	Max	3.363764	0.005105	0.104166	0.000001	0.000049	0.000035
3º PISO	8	36	TH-LIMA-66-XX	NonDirHist	Min	3.195335	0.014805	0.138299	-0.000006	-0.000215	-0.000025
3º PISO	8	36	TH-LIMA-66-YY	NonDirHist	Max	0.005641	0.11723	0.132854	0.000034	-0.000124	3.186E-07
3º PISO	8	36	TH-LIMA-66-YY	NonDirHist	Min	0.003056	-0.16535	0.132968	-0.000052	-0.000124	-2.119E-07
3º PISO	8	36	TH-ICA-2007-XX	NonDirHist	Max	3.245759	0.005181	-0.10475	-0.000001	0.000043	0.000034
3º PISO	8	36	TH-ICA-2007-XX	NonDirHist	Min	1.811012	-0.01125	0.133978	-0.000005	-0.000189	-0.000016
3º PISO	8	36	TH-ICA-2007-YY	NonDirHist	Max	0.005289	0.119353	0.132883	0.000033	-0.000124	1.125E-07
3º PISO	8	36	TH-ICA-2007-YY	NonDirHist	Min	0.002384	0.096953	0.132956	-0.00003	-0.000124	-2.142E-08

3º PISO	9	224	TH-LIMA-74-XX	NonDirHist	Max	3.217779	0.004584	0.009425	0.00002	0.002911	0.000033
3º PISO	9	224	TH-LIMA-74-XX	NonDirHist	Min	-2.827858	-0.021386	-0.024955	-2.119E-07	-0.002448	-0.000024
3º PISO	9	224	TH-LIMA-74-YY	NonDirHist	Max	0.005096	0.117094	0.009503	0.000095	0.00009	1.676E-07
3º PISO	9	224	TH-LIMA-74-YY	NonDirHist	Min	-0.002553	-0.110703	-0.009595	-0.000097	0.000081	-1.127E-07
3º PISO	9	224	TH-LIMA-66-XX	NonDirHist	Max	3.363764	0.005291	0.010373	0.000021	0.003061	0.000035
3º PISO	9	224	TH-LIMA-66-XX	NonDirHist	Min	-3.195335	-0.022389	-0.0264	3.685E-07	-0.002673	-0.000025
3º PISO	9	224	TH-LIMA-66-YY	NonDirHist	Max	0.005641	0.117276	0.009479	0.000145	0.000091	3.186E-07
3º PISO	9	224	TH-LIMA-66-YY	NonDirHist	Min	-0.003056	-0.165601	-0.009595	-0.0001	0.000077	-2.119E-07
3º PISO	9	224	TH-ICA-2007-XX	NonDirHist	Max	3.245759	0.001434	0.009618	0.00002	0.002941	0.000034
3º PISO	9	224	TH-ICA-2007-XX	NonDirHist	Min	-1.811012	-0.021374	-0.019627	0.000003	-0.001587	-0.000016
3º PISO	9	224	TH-ICA-2007-YY	NonDirHist	Max	0.005289	0.119348	0.009501	0.000083	0.000089	1.125E-07
3º PISO	9	224	TH-ICA-2007-YY	NonDirHist	Min	-0.002384	-0.097023	-0.009581	-0.000097	0.000081	-2.142E-08
3º PISO	29	232	TH-LIMA-74-XX	NonDirHist	Max	3.204852	0.003657	0.006444	0.0002	0.002607	0.000033
3º PISO	29	232	TH-LIMA-74-XX	NonDirHist	Min	-2.818425	-0.008948	-0.026714	0.000113	-0.002355	-0.000024
3º PISO	29	232	TH-LIMA-74-YY	NonDirHist	Max	0.005055	0.117066	0.022099	0.000225	0.00001	1.676E-07
3º PISO	29	232	TH-LIMA-74-YY	NonDirHist	Min	-0.002544	-0.110671	-0.026555	0.000064	-0.000002	-1.127E-07
3º PISO	29	232	TH-LIMA-66-XX	NonDirHist	Max	3.35026	0.004099	0.009085	0.000209	0.002741	0.000035

3º PISO	29	232	TH-LIMA-66-XX	NonDirHist	Min	-3.186133	-0.009025	-0.02729	0.000096	-0.002559	-0.000025
3º PISO	29	232	TH-LIMA-66-YY	NonDirHist	Max	0.005644	0.117254	-0.02097	0.000267	0.000013	3.186E-07
3º PISO	29	232	TH-LIMA-66-YY	NonDirHist	Min	-0.00308	-0.165479	-0.026594	0.000061	-0.000002	-2.119E-07
3º PISO	29	232	TH-ICA-2007-XX	NonDirHist	Max	3.232717	0.004689	-0.008691	0.000207	0.002628	0.000034
3º PISO	29	232	TH-ICA-2007-XX	NonDirHist	Min	-1.804931	-0.008566	-0.025859	0.000128	-0.001555	-0.000016
3º PISO	29	232	TH-ICA-2007-YY	NonDirHist	Max	0.00527	0.119351	-0.022363	0.000215	0.00001	1.125E-07
3º PISO	29	232	TH-ICA-2007-YY	NonDirHist	Min	-0.002398	-0.096989	-0.026564	0.000065	0.000001	-2.142E-08
3º PISO	30	246	TH-LIMA-74-XX	NonDirHist	Max	3.204852	0.004934	-0.012987	0.000194	0.002622	0.000033
3º PISO	30	246	TH-LIMA-74-XX	NonDirHist	Min	-2.818425	-0.014622	-0.031488	0.00011	-0.002362	-0.000024
3º PISO	30	246	TH-LIMA-74-YY	NonDirHist	Max	0.005055	0.117037	-0.02332	0.000231	0.000006	1.676E-07
3º PISO	30	246	TH-LIMA-74-YY	NonDirHist	Min	-0.002544	-0.110637	-0.027135	0.00007	-0.000005	-1.127E-07
3º PISO	30	246	TH-LIMA-66-XX	NonDirHist	Max	3.35026	0.005105	-0.022194	0.000203	0.002757	0.000035
3º PISO	30	246	TH-LIMA-66-XX	NonDirHist	Min	-3.186133	-0.014805	-0.030866	0.000101	-0.002564	-0.000025
3º PISO	30	246	TH-LIMA-66-YY	NonDirHist	Max	0.005644	0.11723	-0.022355	0.000274	0.000008	3.186E-07
3º PISO	30	246	TH-LIMA-66-YY	NonDirHist	Min	-0.00308	-0.16535	-0.027167	0.000067	-0.00001	-2.119E-07
3º PISO	30	246	TH-ICA-2007-XX	NonDirHist	Max	3.232717	0.005181	-0.004436	0.000182	0.002646	0.000034
3º PISO	30	246	TH-ICA-2007-XX	NonDirHist	Min	-1.804931	-0.01125	-0.030901	0.000112	-0.001562	-0.000016
3º PISO	30	246	TH-ICA-2007-YY	NonDirHist	Max	0.00527	0.119353	-0.023556	0.000221	0.000005	1.125E-07

3º PISO	30	246	TH-ICA-2007-YY	NonDirHist	Min	-0.002398	-0.096953	-0.027159	0.000071	-0.000005	-2.142E-08
3º PISO	35	228	TH-LIMA-74-XX	NonDirHist	Max	3.217779	0.018894	0.003723	0.000022	0.002721	0.000033
3º PISO	35	228	TH-LIMA-74-XX	NonDirHist	Min	-2.827858	-0.024809	-0.023641	-0.000014	-0.002611	-0.000024
3º PISO	35	228	TH-LIMA-74-YY	NonDirHist	Max	0.005096	0.117007	-0.00977	0.000095	-0.000086	1.676E-07
3º PISO	35	228	TH-LIMA-74-YY	NonDirHist	Min	-0.002553	-0.110603	-0.009821	-0.000097	-0.000095	-1.127E-07
3º PISO	35	228	TH-LIMA-66-XX	NonDirHist	Max	3.363764	0.019687	0.005483	0.000023	0.00287	0.000035
3º PISO	35	228	TH-LIMA-66-XX	NonDirHist	Min	-3.195335	-0.025463	-0.02431	-0.000015	-0.002838	-0.000025
3º PISO	35	228	TH-LIMA-66-YY	NonDirHist	Max	0.005641	0.117206	-0.009771	0.000145	-0.000084	3.186E-07
3º PISO	35	228	TH-LIMA-66-YY	NonDirHist	Min	-0.003056	-0.165216	-0.009831	-0.0001	-0.0001	-2.119E-07
3º PISO	35	228	TH-ICA-2007-XX	NonDirHist	Max	3.245759	0.019265	-0.001249	0.000018	0.002749	0.000034
3º PISO	35	228	TH-ICA-2007-XX	NonDirHist	Min	-1.811012	-0.017977	-0.023731	-0.000015	-0.001758	-0.000016
3º PISO	35	228	TH-ICA-2007-YY	NonDirHist	Max	0.005289	0.119355	-0.009779	0.000084	-0.000087	1.125E-07
3º PISO	35	228	TH-ICA-2007-YY	NonDirHist	Min	-0.002384	-0.096916	-0.009823	-0.000097	-0.000095	-2.142E-08
3º PISO	1	1	TH-LIMA-74-XX	NonDirHist	Max	3.230706	0.004584	0.008389	0.000029	0.002349	0.000033
3º PISO	1	1	TH-LIMA-74-XX	NonDirHist	Min	-2.837291	-0.021386	-0.031486	-0.000003	-0.002098	-0.000024
3º PISO	1	1	TH-LIMA-74-YY	NonDirHist	Max	0.005136	0.117094	0.02513	0.000099	0.000047	1.676E-07
3º PISO	1	1	TH-LIMA-74-YY	NonDirHist	Min	-0.002563	-0.110703	-0.044786	-0.000096	0.000013	-1.127E-07
3º PISO	1	1	TH-LIMA-66-XX	NonDirHist	Max	3.377267	0.005291	0.009465	0.00003	0.00247	0.000035
3º PISO	1	1	TH-LIMA-66-XX	NonDirHist	Min	-3.204537	-0.022389	-0.033656	-0.000002	-0.002292	-0.000025

3º PISO	1	1	TH-LIMA-66-YY	NonDirHist	Max	0.005638	0.117276	0.025913	0.00015	0.00005	3.186E-07
3º PISO	1	1	TH-LIMA-66-YY	NonDirHist	Min	-0.003031	-0.165601	-0.062691	-0.000099	0.000006	-2.119E-07
3º PISO	1	1	TH-ICA-2007-XX	NonDirHist	Max	3.258802	0.001434	0.008858	0.000028	0.002367	0.000034
3º PISO	1	1	TH-ICA-2007-XX	NonDirHist	Min	-1.817092	-0.021374	-0.024734	0.000001	-0.00138	-0.000016
3º PISO	1	1	TH-ICA-2007-YY	NonDirHist	Max	0.005307	0.119348	0.025272	0.000087	0.000048	1.125E-07
3º PISO	1	1	TH-ICA-2007-YY	NonDirHist	Min	-0.002373	-0.097023	-0.04058	-0.000095	0.000016	-2.142E-08
3º PISO	3	4	TH-LIMA-74-XX	NonDirHist	Max	3.204852	0.004584	0.023524	0.00002	0.002076	0.000033
3º PISO	3	4	TH-LIMA-74-XX	NonDirHist	Min	-2.818425	-0.021386	-0.029402	0.000009	-0.001864	-0.000024
3º PISO	3	4	TH-LIMA-74-YY	NonDirHist	Max	0.005055	0.117094	0.02519	0.0001	0.000055	1.676E-07
3º PISO	3	4	TH-LIMA-74-YY	NonDirHist	Min	-0.002544	-0.110703	-0.04481	-0.000093	0.000004	-1.127E-07
3º PISO	3	4	TH-LIMA-66-XX	NonDirHist	Max	3.35026	0.005291	0.025189	0.000021	0.002177	0.000035
3º PISO	3	4	TH-LIMA-66-XX	NonDirHist	Min	-3.186133	-0.022389	-0.031184	0.000009	-0.002035	-0.000025
3º PISO	3	4	TH-LIMA-66-YY	NonDirHist	Max	0.005644	0.117276	0.043113	0.00015	0.000067	3.186E-07
3º PISO	3	4	TH-LIMA-66-YY	NonDirHist	Min	-0.00308	-0.165601	-0.045596	-0.000096	0.000004	-2.119E-07
3º PISO	3	4	TH-ICA-2007-XX	NonDirHist	Max	3.232717	0.001434	0.023767	0.00002	0.002089	0.000034
3º PISO	3	4	TH-ICA-2007-XX	NonDirHist	Min	-1.804931	-0.021374	-0.021842	0.00001	-0.001219	-0.000016
3º PISO	3	4	TH-ICA-2007-YY	NonDirHist	Max	0.00527	0.119348	0.020998	0.000088	0.000053	1.125E-07
3º PISO	3	4	TH-ICA-2007-YY	NonDirHist	Min	-0.002398	-0.097023	-0.044926	-0.000093	0.000006	-2.142E-08
3º PISO	4	7	TH-LIMA-74-XX	NonDirHist	Max	3.204852	0.018894	0.016151	0.00002	0.002432	0.000033

3º PISO	4	7	TH-LIMA-74-XX	NonDirHist	Min	-2.818425	-0.024809	-0.033283	-0.000003	-0.00221	-0.000024
3º PISO	4	7	TH-LIMA-74-YY	NonDirHist	Max	0.005055	0.117007	0.025104	0.000101	-0.000006	1.676E-07
3º PISO	4	7	TH-LIMA-74-YY	NonDirHist	Min	-0.002544	-0.110603	-0.045197	-0.000095	-0.00003	-1.127E-07
3º PISO	4	7	TH-LIMA-66-XX	NonDirHist	Max	3.35026	0.019687	0.018198	0.000021	0.002561	0.000035
3º PISO	4	7	TH-LIMA-66-XX	NonDirHist	Min	-3.186133	-0.025463	-0.034398	-0.000003	-0.002393	-0.000025
3º PISO	4	7	TH-LIMA-66-YY	NonDirHist	Max	0.005644	0.117206	0.043024	0.000152	-0.000003	3.186E-07
3º PISO	4	7	TH-LIMA-66-YY	NonDirHist	Min	-0.00308	-0.165216	-0.045924	-0.000097	-0.000036	-2.119E-07
3º PISO	4	7	TH-ICA-2007-XX	NonDirHist	Max	3.232717	0.019265	0.007979	0.000017	0.002457	0.000034
3º PISO	4	7	TH-ICA-2007-XX	NonDirHist	Min	-1.804931	-0.017977	-0.033576	-0.000003	-0.001462	-0.000016
3º PISO	4	7	TH-ICA-2007-YY	NonDirHist	Max	0.00527	0.119355	0.020871	0.000089	-0.000005	1.125E-07
3º PISO	4	7	TH-ICA-2007-YY	NonDirHist	Min	-0.002398	-0.096916	-0.045369	-0.000095	-0.000028	-2.142E-08
3º PISO	6	10	TH-LIMA-74-XX	NonDirHist	Max	3.230706	0.018894	0.000247	0.00003	0.002115	0.000033
3º PISO	6	10	TH-LIMA-74-XX	NonDirHist	Min	-2.837291	-0.024809	-0.024027	-0.000016	-0.001935	-0.000024
3º PISO	6	10	TH-LIMA-74-YY	NonDirHist	Max	0.005136	0.117007	0.024965	0.000099	-0.000024	1.676E-07
3º PISO	6	10	TH-LIMA-74-YY	NonDirHist	Min	-0.002563	-0.110603	-0.045255	-0.000094	-0.000068	-1.127E-07
3º PISO	6	10	TH-LIMA-66-XX	NonDirHist	Max	3.377267	0.019687	0.002573	0.000031	0.002228	0.000035
3º PISO	6	10	TH-LIMA-66-XX	NonDirHist	Min	-3.204537	-0.025463	-0.024258	-0.000017	-0.002093	-0.000025
3º PISO	6	10	TH-LIMA-66-YY	NonDirHist	Max	0.005638	0.117206	0.025692	0.000149	-0.000013	3.186E-07
3º PISO	6	10	TH-LIMA-66-YY	NonDirHist	Min	-0.003031	-0.165216	-0.063153	-0.000097	-0.000068	-2.119E-07

3º PISO	6	10	TH-ICA-2007-XX	NonDirHist	Max	3.258802	0.019265	-0.005284	0.000024	0.002139	0.000034
3º PISO	6	10	TH-ICA-2007-XX	NonDirHist	Min	-1.817092	-0.017977	-0.023549	-0.000017	-0.0013	-0.000016
3º PISO	6	10	TH-ICA-2007-YY	NonDirHist	Max	0.005307	0.119355	0.025115	0.000087	-0.000026	1.125E-07
3º PISO	6	10	TH-ICA-2007-YY	NonDirHist	Min	-0.002373	-0.096916	-0.041043	-0.000094	-0.000066	-2.142E-08
3º PISO	10	16	TH-LIMA-74-XX	NonDirHist	Max	3.237536	0.004584	-0.038266	0.000554	0.001121	0.000033
3º PISO	10	16	TH-LIMA-74-XX	NonDirHist	Min	-2.842275	-0.021386	-0.103514	0.000372	0.000051	-0.000024
3º PISO	10	16	TH-LIMA-74-YY	NonDirHist	Max	0.005158	0.117094	-0.014266	0.000552	0.000706	1.676E-07
3º PISO	10	16	TH-LIMA-74-YY	NonDirHist	Min	-0.002568	-0.110703	-0.122216	0.000372	0.000541	-1.127E-07
3º PISO	10	16	TH-LIMA-66-XX	NonDirHist	Max	3.384401	0.005291	-0.036548	0.000562	0.001149	0.000035
3º PISO	10	16	TH-LIMA-66-XX	NonDirHist	Min	-3.209399	-0.022389	-0.106917	0.000368	-0.000012	-0.000025
3º PISO	10	16	TH-LIMA-66-YY	NonDirHist	Max	0.005665	0.117276	-0.012878	0.000599	0.000708	3.186E-07
3º PISO	10	16	TH-LIMA-66-YY	NonDirHist	Min	-0.003018	-0.165601	-0.150052	0.000369	0.000499	-2.119E-07
3º PISO	10	16	TH-ICA-2007-XX	NonDirHist	Max	3.265693	0.001434	-0.037532	0.000525	0.001123	0.000034
3º PISO	10	16	TH-ICA-2007-XX	NonDirHist	Min	-1.820305	-0.021374	-0.092601	0.000371	0.000251	-0.000016
3º PISO	10	16	TH-ICA-2007-YY	NonDirHist	Max	0.005317	0.119348	-0.014147	0.000541	0.000707	1.125E-07
3º PISO	10	16	TH-ICA-2007-YY	NonDirHist	Min	-0.002368	-0.097023	-0.115723	0.000372	0.000551	-2.142E-08

3º PISO	11	19	TH-LIMA-74-XX	NonDirHist	Max	3.237536	-0.003657	-0.093672	0.00082	0.000217	0.000033
3º PISO	11	19	TH-LIMA-74-XX	NonDirHist	Min	-2.842275	-0.008948	-0.129837	0.000779	-0.000234	-0.000024
3º PISO	11	19	TH-LIMA-74-YY	NonDirHist	Max	0.005158	-0.117066	-0.106483	0.000872	0.000061	1.676E-07
3º PISO	11	19	TH-LIMA-74-YY	NonDirHist	Min	-0.002568	-0.110671	-0.146216	0.000698	-0.00004	-1.127E-07
3º PISO	11	19	TH-LIMA-66-XX	NonDirHist	Max	3.384401	-0.004099	-0.09199	0.00083	0.000226	0.000035
3º PISO	11	19	TH-LIMA-66-XX	NonDirHist	Min	-3.209399	-0.009025	-0.129708	0.000776	-0.000263	-0.000025
3º PISO	11	19	TH-LIMA-66-YY	NonDirHist	Max	0.005665	-0.117254	-0.105752	0.000918	0.000062	3.186E-07
3º PISO	11	19	TH-LIMA-66-YY	NonDirHist	Min	-0.003018	-0.165479	-0.15669	0.000695	-0.000065	-2.119E-07
3º PISO	11	19	TH-ICA-2007-XX	NonDirHist	Max	3.265693	-0.004689	-0.091823	0.000819	0.000215	0.000034
3º PISO	11	19	TH-ICA-2007-XX	NonDirHist	Min	-1.820305	-0.008566	-0.129542	0.00078	-0.000147	-0.000016
3º PISO	11	19	TH-ICA-2007-YY	NonDirHist	Max	0.005317	-0.119351	-0.106563	0.000861	0.000062	1.125E-07
3º PISO	11	19	TH-ICA-2007-YY	NonDirHist	Min	-0.002368	-0.096989	-0.143831	0.000699	-0.000034	-2.142E-08
3º PISO	12	22	TH-LIMA-74-XX	NonDirHist	Max	3.237536	-0.004934	-0.097496	0.000852	0.000401	0.000033
3º PISO	12	22	TH-LIMA-74-XX	NonDirHist	Min	-2.842275	-0.014622	-0.143659	0.000824	-0.000111	-0.000024
3º PISO	12	22	TH-LIMA-74-YY	NonDirHist	Max	0.005158	-0.117037	-0.113771	0.000912	0.000147	1.676E-07
3º PISO	12	22	TH-LIMA-74-YY	NonDirHist	Min	-0.002568	-0.110637	-0.1521	0.000742	0.000055	-1.127E-07

3º PISO	12	22	TH-LIMA-66-XX	NonDirHist	Max	3.384401	0.005105	-0.088593	0.00085	0.000415	0.000035
3º PISO	12	22	TH-LIMA-66-XX	NonDirHist	Min	-3.209399	-0.014805	-0.141816	0.000818	-0.000126	-0.000025
3º PISO	12	22	TH-LIMA-66-YY	NonDirHist	Max	0.005665	0.11723	-0.113065	0.000957	0.00017	3.186E-07
3º PISO	12	22	TH-LIMA-66-YY	NonDirHist	Min	-0.003018	-0.16535	-0.162197	0.000739	0.000054	-2.119E-07
3º PISO	12	22	TH-ICA-2007-XX	NonDirHist	Max	3.265693	0.005181	-0.114149	0.000844	0.000404	0.000034
3º PISO	12	22	TH-ICA-2007-XX	NonDirHist	Min	-1.820305	-0.01125	-0.141387	0.00082	-0.000041	-0.000016
3º PISO	12	22	TH-ICA-2007-YY	NonDirHist	Max	0.005317	0.119353	-0.113865	0.000902	0.000141	1.125E-07
3º PISO	12	22	TH-ICA-2007-YY	NonDirHist	Min	-0.002368	-0.096953	-0.14981	0.000742	0.000055	-2.142E-08
3º PISO	13	25	TH-LIMA-74-XX	NonDirHist	Max	3.237536	0.018894	-0.055409	0.000577	-0.00022	0.000033
3º PISO	13	25	TH-LIMA-74-XX	NonDirHist	Min	-2.842275	-0.024809	-0.097703	0.000437	-0.001145	-0.000024
3º PISO	13	25	TH-LIMA-74-YY	NonDirHist	Max	0.005158	0.117007	-0.018984	0.00059	-0.00068	1.676E-07
3º PISO	13	25	TH-LIMA-74-YY	NonDirHist	Min	-0.002568	-0.110603	-0.127272	0.000409	-0.000836	-1.127E-07
3º PISO	13	25	TH-LIMA-66-XX	NonDirHist	Max	3.384401	0.019687	-0.051138	0.00058	-0.000188	0.000035
3º PISO	13	25	TH-LIMA-66-XX	NonDirHist	Min	-3.209399	-0.025463	-0.098243	0.000427	-0.001171	-0.000025
3º PISO	13	25	TH-LIMA-66-YY	NonDirHist	Max	0.005665	0.117206	-0.0177	0.000637	-0.00064	3.186E-07
3º PISO	13	25	TH-LIMA-66-YY	NonDirHist	Min	-0.003018	-0.165216	-0.155042	0.000406	-0.000837	-2.119E-07
3º PISO	13	25	TH-ICA-2007-XX	NonDirHist	Max	3.265693	0.019265	-0.063878	0.000576	-0.000208	0.000034

3º PISO	13	25	TH-ICA-2007-XX	NonDirHist	Min	-1.820305	-0.017977	-0.096949	0.000462	-0.00102	-0.000016
3º PISO	13	25	TH-ICA-2007-YY	NonDirHist	Max	0.005317	-0.119355	-0.018842	0.000579	-0.000689	1.125E-07
3º PISO	13	25	TH-ICA-2007-YY	NonDirHist	Min	-0.002368	-0.096916	-0.120778	0.000409	-0.000836	-2.142E-08
3º PISO	14	45	TH-LIMA-74-XX	NonDirHist	Max	0	0	0	0	0	0
3º PISO	14	45	TH-LIMA-74-XX	NonDirHist	Min	0	0	0	0	0	0
3º PISO	14	45	TH-LIMA-74-YY	NonDirHist	Max	0	0	0	0	0	0
3º PISO	14	45	TH-LIMA-74-YY	NonDirHist	Min	0	0	0	0	0	0
3º PISO	14	45	TH-LIMA-66-XX	NonDirHist	Max	0	0	0	0	0	0
3º PISO	14	45	TH-LIMA-66-XX	NonDirHist	Min	0	0	0	0	0	0
3º PISO	14	45	TH-LIMA-66-YY	NonDirHist	Max	0	0	0	0	0	0
3º PISO	14	45	TH-LIMA-66-YY	NonDirHist	Min	0	0	0	0	0	0
3º PISO	14	45	TH-ICA-2007-XX	NonDirHist	Max	0	0	0	0	0	0
3º PISO	14	45	TH-ICA-2007-XX	NonDirHist	Min	0	0	0	0	0	0
3º PISO	14	45	TH-ICA-2007-YY	NonDirHist	Max	0	0	0	0	0	0
3º PISO	14	45	TH-ICA-2007-YY	NonDirHist	Min	0	0	0	0	0	0
3º PISO	15	46	TH-LIMA-74-XX	NonDirHist	Max	3.218279	0.00422	0	0	0	0.000033
3º PISO	15	46	TH-LIMA-74-XX	NonDirHist	Min	-2.828223	-0.020887	0	0	0	-0.000024
3º PISO	15	46	TH-LIMA-74-YY	NonDirHist	Max	0.005097	0.117093	0	0	0	1.676E-07
3º PISO	15	46	TH-LIMA-74-YY	NonDirHist	Min	-0.002554	-0.110701	0	0	0	-1.127E-07
3º PISO	15	46	TH-LIMA-66-XX	NonDirHist	Max	3.364286	0.004909	0	0	0	0.000035
3º PISO	15	46	TH-LIMA-66-XX	NonDirHist	Min	-3.195691	-0.021867	0	0	0	-0.000025
3º PISO	15	46	TH-LIMA-66-YY	NonDirHist	Max	0.005641	0.117275	0	0	0	3.186E-07

3º PISO	15	46	TH-LIMA-66-YY	NonDirHist	Min	-0.003055	-0.165596	0	0	0	-2.119E-07
3º PISO	15	46	TH-ICA-2007-XX	NonDirHist	Max	3.246263	0.001193	0	0	0	0.000034
3º PISO	15	46	TH-ICA-2007-XX	NonDirHist	Min	-1.811247	-0.02087	0	0	0	-0.000016
3º PISO	15	46	TH-ICA-2007-YY	NonDirHist	Max	0.005289	0.119349	0	0	0	1.125E-07
3º PISO	15	46	TH-ICA-2007-YY	NonDirHist	Min	-0.002383	-0.097022	0	0	0	-2.142E-08
3º PISO	16	47	TH-LIMA-74-XX	NonDirHist	Max	3.217279	0.00422	0	0	0	0.000033
3º PISO	16	47	TH-LIMA-74-XX	NonDirHist	Min	-2.827493	-0.020887	0	0	0	-0.000024
3º PISO	16	47	TH-LIMA-74-YY	NonDirHist	Max	0.005094	0.117093	0	0	0	1.676E-07
3º PISO	16	47	TH-LIMA-74-YY	NonDirHist	Min	-0.002553	-0.110701	0	0	0	-1.127E-07
3º PISO	16	47	TH-LIMA-66-XX	NonDirHist	Max	3.363242	0.004909	0	0	0	0.000035
3º PISO	16	47	TH-LIMA-66-XX	NonDirHist	Min	-3.194979	-0.021867	0	0	0	-0.000025
3º PISO	16	47	TH-LIMA-66-YY	NonDirHist	Max	0.005641	0.117275	0	0	0	3.186E-07
3º PISO	16	47	TH-LIMA-66-YY	NonDirHist	Min	-0.003057	-0.165596	0	0	0	-2.119E-07
3º PISO	16	47	TH-ICA-2007-XX	NonDirHist	Max	3.245255	0.001193	0	0	0	0.000034
3º PISO	16	47	TH-ICA-2007-XX	NonDirHist	Min	-1.810776	-0.02087	0	0	0	-0.000016
3º PISO	16	47	TH-ICA-2007-YY	NonDirHist	Max	0.005288	0.119349	0	0	0	1.125E-07
3º PISO	16	47	TH-ICA-2007-YY	NonDirHist	Min	-0.002384	-0.097022	0	0	0	-2.142E-08
3º PISO	17	48	TH-LIMA-74-XX	NonDirHist	Max	0	0	0	0	0	0
3º PISO	17	48	TH-LIMA-74-XX	NonDirHist	Min	0	0	0	0	0	0

3º PISO	17	48	TH-LIMA-74-YY	NonDirHist	Max	0	0	0	0	0	0
3º PISO	17	48	TH-LIMA-74-YY	NonDirHist	Min	0	0	0	0	0	0
3º PISO	17	48	TH-LIMA-66-XX	NonDirHist	Max	0	0	0	0	0	0
3º PISO	17	48	TH-LIMA-66-XX	NonDirHist	Min	0	0	0	0	0	0
3º PISO	17	48	TH-LIMA-66-YY	NonDirHist	Max	0	0	0	0	0	0
3º PISO	17	48	TH-LIMA-66-YY	NonDirHist	Min	0	0	0	0	0	0
3º PISO	17	48	TH-ICA-2007-XX	NonDirHist	Max	0	0	0	0	0	0
3º PISO	17	48	TH-ICA-2007-XX	NonDirHist	Min	0	0	0	0	0	0
3º PISO	17	48	TH-ICA-2007-YY	NonDirHist	Max	0	0	0	0	0	0
3º PISO	17	48	TH-ICA-2007-YY	NonDirHist	Min	0	0	0	0	0	0
3º PISO	19	59	TH-LIMA-74-XX	NonDirHist	Max	3.218279	0.018394	0	0	0	0.000033
3º PISO	19	59	TH-LIMA-74-XX	NonDirHist	Min	-2.828223	-0.024444	0	0	0	-0.000024
3º PISO	19	59	TH-LIMA-74-YY	NonDirHist	Max	0.005097	0.117008	0	0	0	1.676E-07
3º PISO	19	59	TH-LIMA-74-YY	NonDirHist	Min	-0.002554	-0.110604	0	0	0	-1.127E-07
3º PISO	19	59	TH-LIMA-66-XX	NonDirHist	Max	3.364286	0.019165	0	0	0	0.000035
3º PISO	19	59	TH-LIMA-66-XX	NonDirHist	Min	-3.195691	-0.025082	0	0	0	-0.000025
3º PISO	19	59	TH-LIMA-66-YY	NonDirHist	Max	0.005641	0.117207	0	0	0	3.186E-07
3º PISO	19	59	TH-LIMA-66-YY	NonDirHist	Min	-0.003055	-0.165221	0	0	0	-2.119E-07
3º PISO	19	59	TH-ICA-2007-XX	NonDirHist	Max	3.246263	0.018761	0	0	0	0.000034
3º PISO	19	59	TH-ICA-2007-XX	NonDirHist	Min	-1.811247	-0.017736	0	0	0	-0.000016
3º PISO	19	59	TH-ICA-2007-YY	NonDirHist	Max	0.005289	0.119355	0	0	0	1.125E-07

3º PISO	19	59	TH-ICA-2007-YY	NonDirHist	Min	0.002383	-0.096917	0	0	0	-2.142E-08
3º PISO	24	62	TH-LIMA-74-XX	NonDirHist	Max	3.217279	0.018394	0	0	0	0.000033
3º PISO	24	62	TH-LIMA-74-XX	NonDirHist	Min	2.827493	-0.024444	0	0	0	-0.000024
3º PISO	24	62	TH-LIMA-74-YY	NonDirHist	Max	0.005094	0.117008	0	0	0	1.676E-07
3º PISO	24	62	TH-LIMA-74-YY	NonDirHist	Min	0.002553	-0.110604	0	0	0	-1.127E-07
3º PISO	24	62	TH-LIMA-66-XX	NonDirHist	Max	3.363242	0.019165	0	0	0	0.000035
3º PISO	24	62	TH-LIMA-66-XX	NonDirHist	Min	3.194979	-0.025082	0	0	0	-0.000025
3º PISO	24	62	TH-LIMA-66-YY	NonDirHist	Max	0.005641	0.117207	0	0	0	3.186E-07
3º PISO	24	62	TH-LIMA-66-YY	NonDirHist	Min	0.003057	-0.165221	0	0	0	-2.119E-07
3º PISO	24	62	TH-ICA-2007-XX	NonDirHist	Max	3.245255	0.018761	0	0	0	0.000034
3º PISO	24	62	TH-ICA-2007-XX	NonDirHist	Min	1.810776	-0.017736	0	0	0	-0.000016
3º PISO	24	62	TH-ICA-2007-YY	NonDirHist	Max	0.005288	0.119355	0	0	0	1.125E-07
3º PISO	24	62	TH-ICA-2007-YY	NonDirHist	Min	0.002384	-0.096917	0	0	0	-2.142E-08
3º PISO	25	63	TH-LIMA-74-XX	NonDirHist	Max	3.219948	0.001332	0	0	0	0.000033
3º PISO	25	63	TH-LIMA-74-XX	NonDirHist	Min	2.829441	-0.010049	0	0	0	-0.000024
3º PISO	25	63	TH-LIMA-74-YY	NonDirHist	Max	0.005103	0.11705	0	0	0	1.676E-07
3º PISO	25	63	TH-LIMA-74-YY	NonDirHist	Min	0.002555	-0.110653	0	0	0	-1.127E-07
3º PISO	25	63	TH-LIMA-66-XX	NonDirHist	Max	3.36603	0.001441	0	0	0	0.000035
3º PISO	25	63	TH-LIMA-66-XX	NonDirHist	Min	3.196879	-0.010111	0	0	0	-0.000025

3º PISO	25	63	TH-LIMA-66-YY	NonDirHist	Max	0.00564	0.117241	0	0	0	3.186E-07
3º PISO	25	63	TH-LIMA-66-YY	NonDirHist	Min	-0.003052	-0.16541	0	0	0	-2.119E-07
3º PISO	25	63	TH-ICA-2007-XX	NonDirHist	Max	3.247948	0.001141	0	0	0	0.000034
3º PISO	25	63	TH-ICA-2007-XX	NonDirHist	Min	-1.812032	-0.008248	0	0	0	-0.000016
3º PISO	25	63	TH-ICA-2007-YY	NonDirHist	Max	0.005292	0.119352	0	0	0	1.125E-07
3º PISO	25	63	TH-ICA-2007-YY	NonDirHist	Min	-0.002382	-0.09697	0	0	0	-2.142E-08
2º PISO	2	34	TH-LIMA-74-XX	NonDirHist	Max	2.196657	0.001678	0.111825	0.000004	0.00031	0.000023
2º PISO	2	34	TH-LIMA-74-XX	NonDirHist	Min	-1.9145	0.004992	0.163054	-0.000017	0.000139	-0.000017
2º PISO	2	34	TH-LIMA-74-YY	NonDirHist	Max	0.003391	0.080695	0.146948	0.000048	0.000241	2.372E-07
2º PISO	2	34	TH-LIMA-74-YY	NonDirHist	Min	-0.001824	0.075227	0.147024	-0.000041	0.00024	-1.571E-07
2º PISO	2	34	TH-LIMA-66-XX	NonDirHist	Max	2.29095	0.001743	0.108052	0.000005	0.000311	0.000023
2º PISO	2	34	TH-LIMA-66-XX	NonDirHist	Min	-2.196115	0.005016	0.165479	-0.000011	0.000123	-0.000018
2º PISO	2	34	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079861	0.146942	0.00005	0.000241	4.117E-07
2º PISO	2	34	TH-LIMA-66-YY	NonDirHist	Min	-0.001951	0.111029	0.147026	-0.000065	0.00024	-2.257E-07
2º PISO	2	34	TH-ICA-2007-XX	NonDirHist	Max	2.214011	0.002237	0.127577	0.000001	0.000306	0.000023
2º PISO	2	34	TH-ICA-2007-XX	NonDirHist	Min	-1.217512	-0.00479	0.161816	-0.000011	0.000178	-0.000011
2º PISO	2	34	TH-ICA-2007-YY	NonDirHist	Max	0.003492	0.083175	0.146961	0.000048	0.000241	1.942E-07

2º PISO	2	34	TH-ICA-2007-YY	NonDirHist	Min	-0.001856	-0.065853	-0.147019	-0.000036	0.00024	-0.000000101
2º PISO	5	238	TH-LIMA-74-XX	NonDirHist	Max	2.205391	-0.001678	0.002707	-0.000042	0.003288	0.000023
2º PISO	5	238	TH-LIMA-74-XX	NonDirHist	Min	-1.921268	-0.004992	-0.030814	-0.00011	-0.002924	-0.000017
2º PISO	5	238	TH-LIMA-74-YY	NonDirHist	Max	0.003425	-0.080695	0.026572	0.000048	0.000009	2.372E-07
2º PISO	5	238	TH-LIMA-74-YY	NonDirHist	Min	-0.001802	-0.075227	-0.030625	-0.000159	-0.000001	-1.571E-07
2º PISO	5	238	TH-LIMA-66-XX	NonDirHist	Max	2.300066	-0.001743	0.00388	-0.000038	0.003435	0.000023
2º PISO	5	238	TH-LIMA-66-XX	NonDirHist	Min	-2.202856	-0.005016	-0.032273	-0.000125	-0.003228	-0.000018
2º PISO	5	238	TH-LIMA-66-YY	NonDirHist	Max	0.003444	-0.079861	0.026542	0.000102	0.00001	4.117E-07
2º PISO	5	238	TH-LIMA-66-YY	NonDirHist	Min	-0.001901	-0.111029	-0.031648	-0.000162	-0.000004	-2.257E-07
2º PISO	5	238	TH-ICA-2007-XX	NonDirHist	Max	2.222843	-0.002237	0.003433	-0.000044	0.00332	0.000023
2º PISO	5	238	TH-ICA-2007-XX	NonDirHist	Min	-1.221761	-0.00479	-0.029814	-0.000116	-0.001893	-0.000011
2º PISO	5	238	TH-ICA-2007-YY	NonDirHist	Max	0.003494	-0.083175	0.026553	0.000035	0.000009	1.942E-07
2º PISO	5	238	TH-ICA-2007-YY	NonDirHist	Min	-0.001812	-0.065853	-0.03038	-0.000159	-0.000001	-0.000000101
2º PISO	7	242	TH-LIMA-74-XX	NonDirHist	Max	2.205391	-0.004383	0.003343	-0.000043	0.003316	0.000023
2º PISO	7	242	TH-LIMA-74-XX	NonDirHist	Min	-1.921268	-0.009221	-0.03748	-0.000098	-0.002931	-0.000017
2º PISO	7	242	TH-LIMA-74-YY	NonDirHist	Max	0.003425	-0.080638	0.028287	0.000045	0.000005	2.372E-07
2º PISO	7	242	TH-LIMA-74-YY	NonDirHist	Min	-0.001802	-0.075144	-0.031611	-0.000161	-0.000004	-1.571E-07

2º PISO	7	242	TH-LIMA-66-XX	NonDirHist	Max	2.300066	0.004523	0.011857	-0.000043	0.003468	0.000023
2º PISO	7	242	TH-LIMA-66-XX	NonDirHist	Min	2.202856	0.009429	0.035909	-0.000124	-0.003233	-0.000018
2º PISO	7	242	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079809	0.028263	0.000099	0.000006	4.117E-07
2º PISO	7	242	TH-LIMA-66-YY	NonDirHist	Min	0.001901	0.110862	0.032447	-0.000164	-0.000004	-2.257E-07
2º PISO	7	242	TH-ICA-2007-XX	NonDirHist	Max	2.222843	0.004464	0.011912	-0.000044	0.003347	0.000023
2º PISO	7	242	TH-ICA-2007-XX	NonDirHist	Min	1.221761	0.006718	0.035578	-0.00009	-0.001904	-0.000011
2º PISO	7	242	TH-ICA-2007-YY	NonDirHist	Max	0.003494	0.083138	0.028284	0.000033	0.000005	1.942E-07
2º PISO	7	242	TH-ICA-2007-YY	NonDirHist	Min	0.001812	0.065775	0.031418	-0.000161	-0.000002	-0.000000101
2º PISO	8	37	TH-LIMA-74-XX	NonDirHist	Max	2.196657	0.004383	0.132263	0.000008	0.000023	0.000023
2º PISO	8	37	TH-LIMA-74-XX	NonDirHist	Min	-1.9145	0.009221	0.158128	-0.000006	-0.000257	-0.000017
2º PISO	8	37	TH-LIMA-74-YY	NonDirHist	Max	0.003391	0.080638	0.153833	0.00005	-0.000147	2.372E-07
2º PISO	8	37	TH-LIMA-74-YY	NonDirHist	Min	0.001824	0.075144	0.153864	-0.000042	-0.000148	-1.571E-07
2º PISO	8	37	TH-LIMA-66-XX	NonDirHist	Max	2.29095	0.004523	0.131143	0.000006	0.000029	0.000023
2º PISO	8	37	TH-LIMA-66-XX	NonDirHist	Min	2.196115	0.009429	-0.15877	-0.000003	-0.00027	-0.000018
2º PISO	8	37	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079809	0.153829	0.000052	-0.000147	4.117E-07
2º PISO	8	37	TH-LIMA-66-YY	NonDirHist	Min	0.001951	0.110862	0.153869	-0.000067	-0.000148	-2.257E-07
2º PISO	8	37	TH-ICA-2007-XX	NonDirHist	Max	2.214011	0.004464	-0.13099	0.000002	0.000024	0.000023

2º PISO	8	37	TH-ICA-2007-XX	NonDirHist	Min	1.217512	-0.006718	-0.157169	-0.000003	-0.000227	-0.000011
2º PISO	8	37	TH-ICA-2007-YY	NonDirHist	Max	0.003492	-0.083138	-0.153836	0.00005	-0.000147	1.942E-07
2º PISO	8	37	TH-ICA-2007-YY	NonDirHist	Min	0.001856	-0.065775	-0.153859	-0.000037	-0.000148	-0.000000101
2º PISO	9	223	TH-LIMA-74-XX	NonDirHist	Max	2.196657	0.00456	0.008009	0.000021	0.003616	0.000023
2º PISO	9	223	TH-LIMA-74-XX	NonDirHist	Min	-1.9145	0.013401	-0.02183	-0.000001	-0.003136	-0.000017
2º PISO	9	223	TH-LIMA-74-YY	NonDirHist	Max	0.003391	-0.080749	-0.008274	0.000094	0.000046	2.372E-07
2º PISO	9	223	TH-LIMA-74-YY	NonDirHist	Min	0.001824	-0.075304	-0.008384	-0.000097	0.000037	-1.571E-07
2º PISO	9	223	TH-LIMA-66-XX	NonDirHist	Max	2.29095	0.004941	0.008817	0.000022	0.003788	0.000023
2º PISO	9	223	TH-LIMA-66-XX	NonDirHist	Min	2.196115	-0.014037	-0.023191	-0.000001	-0.003458	-0.000018
2º PISO	9	223	TH-LIMA-66-YY	NonDirHist	Max	0.003444	-0.07991	-0.008247	0.000143	0.000047	4.117E-07
2º PISO	9	223	TH-LIMA-66-YY	NonDirHist	Min	0.001951	-0.111187	-0.008383	-0.000099	0.000035	-2.257E-07
2º PISO	9	223	TH-ICA-2007-XX	NonDirHist	Max	2.214011	0.001992	0.008198	0.000021	0.003659	0.000023
2º PISO	9	223	TH-ICA-2007-XX	NonDirHist	Min	1.217512	-0.013519	-0.017114	0.000001	-0.002	-0.000011
2º PISO	9	223	TH-ICA-2007-YY	NonDirHist	Max	0.003492	-0.08321	-0.008274	0.000083	0.000046	1.942E-07
2º PISO	9	223	TH-ICA-2007-YY	NonDirHist	Min	0.001856	-0.065927	-0.008373	-0.000097	0.000037	-0.000000101
2º PISO	29	234	TH-LIMA-74-XX	NonDirHist	Max	2.187922	0.001678	0.007142	0.000201	0.003265	0.000023
2º PISO	29	234	TH-LIMA-74-XX	NonDirHist	Min	1.907731	-0.004992	-0.023505	0.0001	-0.002918	-0.000017

2º PISO	29	234	TH-LIMA-74-YY	NonDirHist	Max	0.003357	0.080695	-0.019355	0.000201	0.000008	2.372E-07
2º PISO	29	234	TH-LIMA-74-YY	NonDirHist	Min	-0.001846	-0.075227	-0.02316	-0.000005	-0.000002	-1.571E-07
2º PISO	29	234	TH-LIMA-66-XX	NonDirHist	Max	2.281835	-0.001743	-0.00952	0.000209	0.003411	0.000023
2º PISO	29	234	TH-LIMA-66-XX	NonDirHist	Min	-2.189374	-0.005016	-0.024353	0.000097	-0.003227	-0.000018
2º PISO	29	234	TH-LIMA-66-YY	NonDirHist	Max	0.003443	0.079861	-0.018395	0.000255	0.000009	4.117E-07
2º PISO	29	234	TH-LIMA-66-YY	NonDirHist	Min	-0.002001	-0.111029	-0.023189	-0.000008	-0.000002	-2.257E-07
2º PISO	29	234	TH-ICA-2007-XX	NonDirHist	Max	2.205179	-0.002237	-0.009067	0.000201	0.003298	0.000023
2º PISO	29	234	TH-ICA-2007-XX	NonDirHist	Min	-1.213263	-0.00479	-0.022557	0.000101	-0.001891	-0.000011
2º PISO	29	234	TH-ICA-2007-YY	NonDirHist	Max	0.003491	0.083175	-0.019581	0.000188	0.000008	1.942E-07
2º PISO	29	234	TH-ICA-2007-YY	NonDirHist	Min	-0.0019	0.065853	-0.02317	-0.000005	-3.333E-07	-0.000000101
2º PISO	30	247	TH-LIMA-74-XX	NonDirHist	Max	2.187922	0.004383	-0.013854	0.000175	0.0033	0.000023
2º PISO	30	247	TH-LIMA-74-XX	NonDirHist	Min	-1.907731	-0.009221	-0.027078	0.000104	-0.002931	-0.000017
2º PISO	30	247	TH-LIMA-74-YY	NonDirHist	Max	0.003357	0.080638	-0.020419	0.000206	0.000006	2.372E-07
2º PISO	30	247	TH-LIMA-74-YY	NonDirHist	Min	-0.001846	-0.075144	-0.023673	-3.235E-07	-0.000004	-1.571E-07
2º PISO	30	247	TH-LIMA-66-XX	NonDirHist	Max	2.281835	0.004523	-0.02279	0.0002	0.003448	0.000023
2º PISO	30	247	TH-LIMA-66-XX	NonDirHist	Min	-2.189374	-0.009429	-0.027183	0.000104	-0.003238	-0.000018
2º PISO	30	247	TH-LIMA-66-YY	NonDirHist	Max	0.003443	0.079809	-0.0196	0.00026	0.000007	4.117E-07
2º PISO	30	247	TH-LIMA-66-YY	NonDirHist	Min	-0.002001	-0.110862	-0.023698	-0.000004	-0.000006	-2.257E-07

2º PISO	30	247	TH-ICA-2007-XX	NonDirHist	Max	2.205179	0.004464	0.002945	0.000152	0.00333	0.000023
2º PISO	30	247	TH-ICA-2007-XX	NonDirHist	Min	-1.213263	0.006718	-0.027185	0.000104	-0.001904	-0.000011
2º PISO	30	247	TH-ICA-2007-YY	NonDirHist	Max	0.003491	0.083138	-0.02062	0.000193	0.000006	1.942E-07
2º PISO	30	247	TH-ICA-2007-YY	NonDirHist	Min	-0.0019	-0.065775	-0.023696	-1.277E-07	-0.000004	-0.000000101
2º PISO	35	227	TH-LIMA-74-XX	NonDirHist	Max	2.196657	0.013815	0.003068	0.000022	0.003498	0.000023
2º PISO	35	227	TH-LIMA-74-XX	NonDirHist	Min	-1.9145	-0.01653	-0.02076	-0.000014	-0.003211	-0.000017
2º PISO	35	227	TH-LIMA-74-YY	NonDirHist	Max	0.003391	0.080579	-0.008509	0.000095	-0.000039	2.372E-07
2º PISO	35	227	TH-LIMA-74-YY	NonDirHist	Min	-0.001824	-0.075059	-0.008577	-0.000097	-0.000048	-1.571E-07
2º PISO	35	227	TH-LIMA-66-XX	NonDirHist	Max	2.29095	0.014367	0.004539	0.000022	0.003664	0.000023
2º PISO	35	227	TH-LIMA-66-XX	NonDirHist	Min	-2.196115	-0.01705	-0.021338	-0.000015	-0.003539	-0.000018
2º PISO	35	227	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079755	-0.00851	0.000143	-0.000038	4.117E-07
2º PISO	35	227	TH-LIMA-66-YY	NonDirHist	Min	-0.001951	-0.110689	-0.008593	-0.000099	-0.00005	-2.257E-07
2º PISO	35	227	TH-ICA-2007-XX	NonDirHist	Max	2.214011	0.014002	0.001146	0.000017	0.003538	0.000023
2º PISO	35	227	TH-ICA-2007-XX	NonDirHist	Min	-1.217512	-0.011338	-0.020846	-0.000015	-0.002078	-0.000011
2º PISO	35	227	TH-ICA-2007-YY	NonDirHist	Max	0.003492	0.0831	-0.008518	0.000083	-0.000039	1.942E-07
2º PISO	35	227	TH-ICA-2007-YY	NonDirHist	Min	-0.001856	-0.065694	-0.008578	-0.000098	-0.000048	-0.000000101
2º PISO	1	2	TH-LIMA-74-XX	NonDirHist	Max	2.205391	0.00456	0.006829	0.000023	0.003091	0.000023
2º PISO	1	2	TH-LIMA-74-XX	NonDirHist	Min	-1.921268	-0.013401	-0.02711	-0.000003	-0.002752	-0.000017
2º PISO	1	2	TH-LIMA-74-YY	NonDirHist	Max	0.003425	0.080749	0.024529	0.000098	0.000033	2.372E-07

2º PISO	1	2	TH-LIMA-74-YY	NonDirHist	Min	0.001802	-0.075304	-0.041339	-0.000099	0.000016	-1.571E-07
2º PISO	1	2	TH-LIMA-66-XX	NonDirHist	Max	2.300066	0.004941	0.007711	0.000024	0.003223	0.000023
2º PISO	1	2	TH-LIMA-66-XX	NonDirHist	Min	2.202856	-0.014037	-0.028988	-0.000004	-0.003041	-0.000018
2º PISO	1	2	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.07991	0.02504	0.000148	0.000034	4.117E-07
2º PISO	1	2	TH-LIMA-66-YY	NonDirHist	Min	0.001901	-0.111187	-0.057967	-0.000101	0.000012	-2.257E-07
2º PISO	1	2	TH-ICA-2007-XX	NonDirHist	Max	2.222843	0.001992	0.007155	0.000023	0.003119	0.000023
2º PISO	1	2	TH-ICA-2007-XX	NonDirHist	Min	1.221761	-0.013519	-0.021398	3.554E-07	-0.001763	-0.000011
2º PISO	1	2	TH-ICA-2007-YY	NonDirHist	Max	0.003494	0.08321	0.02479	0.000086	0.000033	1.942E-07
2º PISO	1	2	TH-ICA-2007-YY	NonDirHist	Min	0.001812	-0.065927	-0.037376	-0.000099	0.000017	-0.000000101
2º PISO	3	5	TH-LIMA-74-XX	NonDirHist	Max	2.187922	0.00456	0.021121	0.000022	0.002992	0.000023
2º PISO	3	5	TH-LIMA-74-XX	NonDirHist	Min	1.907731	-0.013401	-0.025782	0.000003	-0.002641	-0.000017
2º PISO	3	5	TH-LIMA-74-YY	NonDirHist	Max	0.003357	0.080749	0.024185	0.000098	0.000031	2.372E-07
2º PISO	3	5	TH-LIMA-74-YY	NonDirHist	Min	0.001846	-0.075304	-0.041703	-0.000097	0.000011	-1.571E-07
2º PISO	3	5	TH-LIMA-66-XX	NonDirHist	Max	2.281835	0.004941	0.022555	0.000022	0.003129	0.000023
2º PISO	3	5	TH-LIMA-66-XX	NonDirHist	Min	2.189374	-0.014037	-0.027392	0.000003	-0.002929	-0.000018
2º PISO	3	5	TH-LIMA-66-YY	NonDirHist	Max	0.003443	0.07991	0.040816	0.000147	0.000036	4.117E-07
2º PISO	3	5	TH-LIMA-66-YY	NonDirHist	Min	0.002001	-0.111187	-0.042215	-0.000099	0.000011	-2.257E-07
2º PISO	3	5	TH-ICA-2007-XX	NonDirHist	Max	2.205179	0.001992	0.021262	0.000021	0.003021	0.000023
2º PISO	3	5	TH-ICA-2007-XX	NonDirHist	Min	1.213263	-0.013519	-0.01924	0.000005	-0.001701	-0.000011

2º PISO	3	5	TH-ICA-2007-YY	NonDirHist	Max	0.003491	0.08321	0.020237	0.000086	0.000031	1.942E-07
2º PISO	3	5	TH-ICA-2007-YY	NonDirHist	Min	-0.0019	-0.065927	-0.041939	-0.000098	0.000013	-0.000000101
2º PISO	4	8	TH-LIMA-74-XX	NonDirHist	Max	2.187922	0.013815	0.014603	0.000022	0.003152	0.000023
2º PISO	4	8	TH-LIMA-74-XX	NonDirHist	Min	-1.907731	-0.01653	-0.029573	-0.000008	-0.002816	-0.000017
2º PISO	4	8	TH-LIMA-74-YY	NonDirHist	Max	0.003357	0.080579	0.024102	0.000099	-0.000008	2.372E-07
2º PISO	4	8	TH-LIMA-74-YY	NonDirHist	Min	-0.001846	-0.075059	-0.04204	-0.000098	-0.00002	-1.571E-07
2º PISO	4	8	TH-LIMA-66-XX	NonDirHist	Max	2.281835	0.014367	0.016373	0.000022	0.003301	0.000023
2º PISO	4	8	TH-LIMA-66-XX	NonDirHist	Min	-2.189374	-0.01705	-0.030545	-0.000008	-0.003092	-0.000018
2º PISO	4	8	TH-LIMA-66-YY	NonDirHist	Max	0.003443	0.079755	0.040723	0.000149	-0.000007	4.117E-07
2º PISO	4	8	TH-LIMA-66-YY	NonDirHist	Min	-0.002001	-0.110689	-0.042519	-0.0001	-0.000024	-2.257E-07
2º PISO	4	8	TH-ICA-2007-XX	NonDirHist	Max	2.205179	0.014002	0.007143	0.000017	0.003189	0.000023
2º PISO	4	8	TH-ICA-2007-XX	NonDirHist	Min	-1.213263	-0.011338	-0.029827	-0.000008	-0.001825	-0.000011
2º PISO	4	8	TH-ICA-2007-YY	NonDirHist	Max	0.003491	0.0831	0.020119	0.000087	-0.000008	1.942E-07
2º PISO	4	8	TH-ICA-2007-YY	NonDirHist	Min	-0.0019	-0.065694	-0.042328	-0.000099	-0.00002	-0.000000101
2º PISO	6	11	TH-LIMA-74-XX	NonDirHist	Max	2.205391	0.013815	0.000491	0.000025	0.003016	0.000023
2º PISO	6	11	TH-LIMA-74-XX	NonDirHist	Min	-1.921268	-0.01653	-0.020239	-0.000018	-0.00275	-0.000017
2º PISO	6	11	TH-LIMA-74-YY	NonDirHist	Max	0.003425	0.080579	0.024329	0.000098	-0.000024	2.372E-07
2º PISO	6	11	TH-LIMA-74-YY	NonDirHist	Min	-0.001802	-0.075059	-0.041704	-0.000098	-0.000041	-1.571E-07
2º PISO	6	11	TH-LIMA-66-XX	NonDirHist	Max	2.300066	0.014367	0.002124	0.000026	0.003162	0.000023

2º PISO	6	11	TH-LIMA-66-XX	NonDirHist	Min	-2.202856	-0.01705	0.020307	-0.000019	-0.003032	-0.000018
2º PISO	6	11	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079755	0.024804	0.000147	-0.000021	4.117E-07
2º PISO	6	11	TH-LIMA-66-YY	NonDirHist	Min	-0.001901	-0.110689	-0.058297	-0.000099	-0.000041	-2.257E-07
2º PISO	6	11	TH-ICA-2007-XX	NonDirHist	Max	2.222843	0.014002	-0.00483	0.00002	0.003049	0.000023
2º PISO	6	11	TH-ICA-2007-XX	NonDirHist	Min	-1.221761	-0.011338	-0.019671	-0.000019	-0.001788	-0.000011
2º PISO	6	11	TH-ICA-2007-YY	NonDirHist	Max	0.003494	0.0831	0.024597	0.000086	-0.000024	1.942E-07
2º PISO	6	11	TH-ICA-2007-YY	NonDirHist	Min	-0.001812	-0.065694	-0.037741	-0.000098	-0.000039	-0.000000101
2º PISO	10	17	TH-LIMA-74-XX	NonDirHist	Max	2.210006	0.00456	0.039487	0.000641	0.001778	0.000023
2º PISO	10	17	TH-LIMA-74-XX	NonDirHist	Min	-1.924844	-0.013401	-0.108918	0.000394	-0.000309	-0.000017
2º PISO	10	17	TH-LIMA-74-YY	NonDirHist	Max	0.003443	0.080749	0.019974	0.000615	0.000803	2.372E-07
2º PISO	10	17	TH-LIMA-74-YY	NonDirHist	Min	-0.00179	-0.075304	-0.124734	0.000429	0.000685	-1.571E-07
2º PISO	10	17	TH-LIMA-66-XX	NonDirHist	Max	2.304882	0.004941	0.037712	0.000651	0.001821	0.000023
2º PISO	10	17	TH-LIMA-66-XX	NonDirHist	Min	-2.206417	-0.014037	-0.11239	0.000388	-0.000431	-0.000018
2º PISO	10	17	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.07991	0.019039	0.000663	0.000803	4.117E-07
2º PISO	10	17	TH-LIMA-66-YY	NonDirHist	Min	-0.001874	-0.111187	-0.151309	0.000427	0.000656	-2.257E-07
2º PISO	10	17	TH-ICA-2007-XX	NonDirHist	Max	2.22751	0.001992	0.038884	0.000602	0.001786	0.000023
2º PISO	10	17	TH-ICA-2007-XX	NonDirHist	Min	-1.224007	-0.013519	-0.097459	0.000392	0.000072	-0.000011

2º PISO	10	17	TH-ICA-2007-YY	NonDirHist	Max	0.003495	0.08321	-0.019624	0.000604	0.000804	1.942E-07
2º PISO	10	17	TH-ICA-2007-YY	NonDirHist	Min	-0.001789	-0.065927	-0.118427	0.000428	0.000693	-0.000000101
2º PISO	11	20	TH-LIMA-74-XX	NonDirHist	Max	2.210006	-0.001678	-0.133266	0.001153	0.000212	0.000023
2º PISO	11	20	TH-LIMA-74-XX	NonDirHist	Min	-1.924844	-0.004992	-0.165891	0.000991	-0.000167	-0.000017
2º PISO	11	20	TH-LIMA-74-YY	NonDirHist	Max	0.003443	0.080695	-0.137566	0.001195	0.000101	2.372E-07
2º PISO	11	20	TH-LIMA-74-YY	NonDirHist	Min	-0.00179	-0.075227	-0.185645	0.000978	0.00001	-1.571E-07
2º PISO	11	20	TH-LIMA-66-XX	NonDirHist	Max	2.304882	-0.001743	-0.12307	0.001136	0.000218	0.000023
2º PISO	11	20	TH-LIMA-66-XX	NonDirHist	Min	-2.206417	-0.005016	-0.166527	0.000961	-0.000199	-0.000018
2º PISO	11	20	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079861	-0.136845	0.001252	0.000101	4.117E-07
2º PISO	11	20	TH-LIMA-66-YY	NonDirHist	Min	-0.001874	-0.111029	-0.198146	0.000975	-0.000013	-2.257E-07
2º PISO	11	20	TH-ICA-2007-XX	NonDirHist	Max	2.22751	0.002237	-0.131449	0.001139	0.00021	0.000023
2º PISO	11	20	TH-ICA-2007-XX	NonDirHist	Min	-1.224007	-0.00479	-0.166369	0.001029	-0.000084	-0.000011
2º PISO	11	20	TH-ICA-2007-YY	NonDirHist	Max	0.003495	0.083175	-0.137589	0.001182	0.000101	1.942E-07
2º PISO	11	20	TH-ICA-2007-YY	NonDirHist	Min	-0.001789	-0.065853	-0.182757	0.000978	0.000016	-0.000000101
2º PISO	12	23	TH-LIMA-74-XX	NonDirHist	Max	2.210006	0.004383	-0.138578	0.001195	0.000353	0.000023
2º PISO	12	23	TH-LIMA-74-XX	NonDirHist	Min	-1.924844	-0.009221	-0.176197	0.001033	-0.000063	-0.000017

2º PISO	12	23	TH-LIMA-74-YY	NonDirHist	Max	0.003443	0.080638	-0.146458	0.001251	0.000131	2.372E-07
2º PISO	12	23	TH-LIMA-74-YY	NonDirHist	Min	-0.00179	0.075144	-0.193376	0.001037	0.000048	-1.571E-07
2º PISO	12	23	TH-LIMA-66-XX	NonDirHist	Max	2.304882	0.004523	-0.126318	0.001189	0.000366	0.000023
2º PISO	12	23	TH-LIMA-66-XX	NonDirHist	Min	-2.206417	-0.009429	-0.17607	0.001026	-0.000072	-0.000018
2º PISO	12	23	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079809	-0.145764	0.001307	0.000152	4.117E-07
2º PISO	12	23	TH-LIMA-66-YY	NonDirHist	Min	-0.001874	0.110862	-0.20556	0.001034	0.000048	-2.257E-07
2º PISO	12	23	TH-ICA-2007-XX	NonDirHist	Max	2.22751	0.004464	-0.146308	0.001182	0.000356	0.000023
2º PISO	12	23	TH-ICA-2007-XX	NonDirHist	Min	-1.224007	-0.006718	-0.175655	0.001029	-0.000013	-0.000011
2º PISO	12	23	TH-ICA-2007-YY	NonDirHist	Max	0.003495	0.083138	-0.146481	0.001238	0.000126	1.942E-07
2º PISO	12	23	TH-ICA-2007-YY	NonDirHist	Min	-0.001789	-0.065775	-0.190559	0.001037	0.000048	-0.000000101
2º PISO	13	26	TH-LIMA-74-XX	NonDirHist	Max	2.210006	0.013815	-0.056837	0.000671	0.00027	0.000023
2º PISO	13	26	TH-LIMA-74-XX	NonDirHist	Min	-1.924844	-0.01653	-0.104231	0.000471	-0.001841	-0.000017
2º PISO	13	26	TH-LIMA-74-YY	NonDirHist	Max	0.003443	0.080579	-0.025526	0.00066	-0.000837	2.372E-07
2º PISO	13	26	TH-LIMA-74-YY	NonDirHist	Min	-0.00179	0.075059	-0.130382	0.000473	-0.000945	-1.571E-07
2º PISO	13	26	TH-LIMA-66-XX	NonDirHist	Max	2.304882	0.014367	-0.051877	0.000676	0.000328	0.000023
2º PISO	13	26	TH-LIMA-66-XX	NonDirHist	Min	-2.206417	-0.01705	-0.105179	0.000455	-0.001934	-0.000018

2º PISO	13	26	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079755	-0.024704	0.000707	-0.00081	4.117E-07
2º PISO	13	26	TH-LIMA-66-YY	NonDirHist	Min	-0.001874	-0.110689	-0.156829	0.000471	-0.000946	-2.257E-07
2º PISO	13	26	TH-ICA-2007-XX	NonDirHist	Max	2.22751	0.014002	-0.066619	0.000671	0.000287	0.000023
2º PISO	13	26	TH-ICA-2007-XX	NonDirHist	Min	-1.224007	-0.011338	-0.103836	0.000509	-0.001509	-0.000011
2º PISO	13	26	TH-ICA-2007-YY	NonDirHist	Max	0.003495	0.0831	-0.025161	0.000649	-0.000843	1.942E-07
2º PISO	13	26	TH-ICA-2007-YY	NonDirHist	Min	-0.001789	-0.065694	-0.124091	0.000473	-0.000945	-0.000000101
2º PISO	15	42	TH-LIMA-74-XX	NonDirHist	Max	2.196994	0.004298	0	0	0	0.000023
2º PISO	15	42	TH-LIMA-74-XX	NonDirHist	Min	-1.914761	-0.013063	0	0	0	-0.000017
2º PISO	15	42	TH-LIMA-74-YY	NonDirHist	Max	0.003392	0.080747	0	0	0	2.372E-07
2º PISO	15	42	TH-LIMA-74-YY	NonDirHist	Min	-0.001823	-0.075301	0	0	0	-1.571E-07
2º PISO	15	42	TH-LIMA-66-XX	NonDirHist	Max	2.291303	0.004669	0	0	0	0.000023
2º PISO	15	42	TH-LIMA-66-XX	NonDirHist	Min	-2.196375	-0.013685	0	0	0	-0.000018
2º PISO	15	42	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079908	0	0	0	4.117E-07
2º PISO	15	42	TH-LIMA-66-YY	NonDirHist	Min	-0.001949	-0.111181	0	0	0	-2.257E-07
2º PISO	15	42	TH-ICA-2007-XX	NonDirHist	Max	2.214353	0.001826	0	0	0	0.000023
2º PISO	15	42	TH-ICA-2007-XX	NonDirHist	Min	-1.217676	-0.013177	0	0	0	-0.000011
2º PISO	15	42	TH-ICA-2007-YY	NonDirHist	Max	0.003492	0.083209	0	0	0	1.942E-07
2º PISO	15	42	TH-ICA-2007-YY	NonDirHist	Min	-0.001854	-0.065924	0	0	0	-0.000000101
2º PISO	16	43	TH-LIMA-74-XX	NonDirHist	Max	2.196319	0.004298	0	0	0	0.000023

2º PISO	16	43	TH-LIMA-74-XX	NonDirHist	Min	-1.914238	-0.013063	0	0	0	-0.000017
2º PISO	16	43	TH-LIMA-74-YY	NonDirHist	Max	0.00339	0.080747	0	0	0	2.372E-07
2º PISO	16	43	TH-LIMA-74-YY	NonDirHist	Min	-0.001824	-0.075301	0	0	0	-1.571E-07
2º PISO	16	43	TH-LIMA-66-XX	NonDirHist	Max	2.290598	0.004669	0	0	0	0.000023
2º PISO	16	43	TH-LIMA-66-XX	NonDirHist	Min	-2.195854	-0.013685	0	0	0	-0.000018
2º PISO	16	43	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079908	0	0	0	4.117E-07
2º PISO	16	43	TH-LIMA-66-YY	NonDirHist	Min	-0.001953	-0.111181	0	0	0	-2.257E-07
2º PISO	16	43	TH-ICA-2007-XX	NonDirHist	Max	2.21367	0.001826	0	0	0	0.000023
2º PISO	16	43	TH-ICA-2007-XX	NonDirHist	Min	-1.217348	-0.013177	0	0	0	-0.000011
2º PISO	16	43	TH-ICA-2007-YY	NonDirHist	Max	0.003492	0.083209	0	0	0	1.942E-07
2º PISO	16	43	TH-ICA-2007-YY	NonDirHist	Min	-0.001858	-0.065924	0	0	0	-0.000000101
2º PISO	19	53	TH-LIMA-74-XX	NonDirHist	Max	2.196994	0.013477	0	0	0	0.000023
2º PISO	19	53	TH-LIMA-74-XX	NonDirHist	Min	-1.914761	-0.016269	0	0	0	-0.000017
2º PISO	19	53	TH-LIMA-74-YY	NonDirHist	Max	0.003392	0.080581	0	0	0	2.372E-07
2º PISO	19	53	TH-LIMA-74-YY	NonDirHist	Min	-0.001823	-0.075062	0	0	0	-1.571E-07
2º PISO	19	53	TH-LIMA-66-XX	NonDirHist	Max	2.291303	0.014015	0	0	0	0.000023
2º PISO	19	53	TH-LIMA-66-XX	NonDirHist	Min	-2.196375	-0.016777	0	0	0	-0.000018
2º PISO	19	53	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079757	0	0	0	4.117E-07
2º PISO	19	53	TH-LIMA-66-YY	NonDirHist	Min	-0.001949	-0.110695	0	0	0	-2.257E-07

2º PISO	19	53	TH-ICA-2007-XX	NonDirHist	Max	2.214353	0.013661	0	0	0	0.000023
2º PISO	19	53	TH-ICA-2007-XX	NonDirHist	Min	-1.217676	-0.011172	0	0	0	-0.000011
2º PISO	19	53	TH-ICA-2007-YY	NonDirHist	Max	0.003492	0.083102	0	0	0	1.942E-07
2º PISO	19	53	TH-ICA-2007-YY	NonDirHist	Min	-0.001854	-0.065697	0	0	0	-0.000000101
2º PISO	24	58	TH-LIMA-74-XX	NonDirHist	Max	2.196319	0.013477	0	0	0	0.000023
2º PISO	24	58	TH-LIMA-74-XX	NonDirHist	Min	-1.914238	-0.016269	0	0	0	-0.000017
2º PISO	24	58	TH-LIMA-74-YY	NonDirHist	Max	0.00339	0.080581	0	0	0	2.372E-07
2º PISO	24	58	TH-LIMA-74-YY	NonDirHist	Min	-0.001824	-0.075062	0	0	0	-1.571E-07
2º PISO	24	58	TH-LIMA-66-XX	NonDirHist	Max	2.290598	0.014015	0	0	0	0.000023
2º PISO	24	58	TH-LIMA-66-XX	NonDirHist	Min	-2.195854	-0.016777	0	0	0	-0.000018
2º PISO	24	58	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079757	0	0	0	4.117E-07
2º PISO	24	58	TH-LIMA-66-YY	NonDirHist	Min	-0.001953	-0.110695	0	0	0	-2.257E-07
2º PISO	24	58	TH-ICA-2007-XX	NonDirHist	Max	2.21367	0.013661	0	0	0	0.000023
2º PISO	24	58	TH-ICA-2007-XX	NonDirHist	Min	-1.217348	-0.011172	0	0	0	-0.000011
2º PISO	24	58	TH-ICA-2007-YY	NonDirHist	Max	0.003492	0.083102	0	0	0	1.942E-07
2º PISO	24	58	TH-ICA-2007-YY	NonDirHist	Min	-0.001858	-0.065697	0	0	0	-0.000000101
2º PISO	26	64	TH-LIMA-74-XX	NonDirHist	Max	2.197887	0.000153	0	0	0	0.000023
2º PISO	26	64	TH-LIMA-74-XX	NonDirHist	Min	-1.915453	-0.005944	0	0	0	-0.000017
2º PISO	26	64	TH-LIMA-74-YY	NonDirHist	Max	0.003396	0.080664	0	0	0	2.372E-07

2º PISO	26	64	TH-LIMA-74-YY	NonDirHist	Min	-0.00182	-0.075182	0	0	0	-1.571E-07
2º PISO	26	64	TH-LIMA-66-XX	NonDirHist	Max	2.292234	0.000109	0	0	0	0.000023
2º PISO	26	64	TH-LIMA-66-XX	NonDirHist	Min	-2.197064	-0.006075	0	0	0	-0.000018
2º PISO	26	64	TH-LIMA-66-YY	NonDirHist	Max	0.003444	0.079833	0	0	0	4.117E-07
2º PISO	26	64	TH-LIMA-66-YY	NonDirHist	Min	-0.001944	-0.110939	0	0	0	-2.257E-07
2º PISO	26	64	TH-ICA-2007-XX	NonDirHist	Max	2.215255	0.000188	0	0	0	0.000023
2º PISO	26	64	TH-ICA-2007-XX	NonDirHist	Min	-1.218111	-0.004657	0	0	0	-0.000011
2º PISO	26	64	TH-ICA-2007-YY	NonDirHist	Max	0.003492	0.083155	0	0	0	1.942E-07
2º PISO	26	64	TH-ICA-2007-YY	NonDirHist	Min	-0.00185	-0.065811	0	0	0	-0.000000101
1º PISO	2	35	TH-LIMA-74-XX	NonDirHist	Max	0.931693	0.000457	-0.06711	0.000005	0.000244	0.00001
1º PISO	2	35	TH-LIMA-74-XX	NonDirHist	Min	-0.79837	-0.001277	0.155561	-0.000036	0.000154	-0.000008
1º PISO	2	35	TH-LIMA-74-YY	NonDirHist	Max	0.001573	0.037729	-0.1444	0.000052	0.000235	1.927E-07
1º PISO	2	35	TH-LIMA-74-YY	NonDirHist	Min	-0.000795	-0.034929	0.144486	-0.000062	0.000235	-7.991E-08
1º PISO	2	35	TH-LIMA-66-XX	NonDirHist	Max	0.970546	-0.00075	0.045508	0.000005	0.000246	0.000011
1º PISO	2	35	TH-LIMA-66-XX	NonDirHist	Min	-0.941749	-0.001219	0.158201	-0.000026	0.000128	-0.000008
1º PISO	2	35	TH-LIMA-66-YY	NonDirHist	Max	0.001597	0.036459	0.144393	0.00005	0.000235	3.046E-07
1º PISO	2	35	TH-LIMA-66-YY	NonDirHist	Min	-0.001271	-0.050026	0.144482	-0.000087	0.000235	-1.075E-07
1º PISO	2	35	TH-ICA-2007-XX	NonDirHist	Max	0.936045	0.000808	0.103423	-0.000005	0.000245	0.00001

1º PISO	2	35	TH-ICA-2007-XX	NonDirHist	Min	-0.505752	-0.001203	-0.156682	-0.000025	0.000148	-0.000005
1º PISO	2	35	TH-ICA-2007-YY	NonDirHist	Max	0.001549	0.039745	-0.144398	0.000054	0.000235	1.804E-07
1º PISO	2	35	TH-ICA-2007-YY	NonDirHist	Min	-0.000908	-0.030563	-0.144486	-0.000055	0.000235	-6.403E-08
1º PISO	5	239	TH-LIMA-74-XX	NonDirHist	Max	0.935657	0.000457	-0.007084	0.000113	0.003253	0.00001
1º PISO	5	239	TH-LIMA-74-XX	NonDirHist	Min	-0.801496	-0.001277	-0.020101	-0.000087	-0.002857	-0.000008
1º PISO	5	239	TH-LIMA-74-YY	NonDirHist	Max	0.001577	0.037729	-0.016472	0.000037	0.000009	1.927E-07
1º PISO	5	239	TH-LIMA-74-YY	NonDirHist	Min	-0.000759	-0.034929	-0.01891	-0.000204	-0.000002	-7.991E-08
1º PISO	5	239	TH-LIMA-66-XX	NonDirHist	Max	0.974726	-0.00075	-0.00784	0.000149	0.003398	0.000011
1º PISO	5	239	TH-LIMA-66-XX	NonDirHist	Min	-0.944933	-0.001219	-0.021823	-0.000093	-0.003293	-0.000008
1º PISO	5	239	TH-LIMA-66-YY	NonDirHist	Max	0.001589	0.036459	-0.01646	0.00009	0.000008	3.046E-07
1º PISO	5	239	TH-LIMA-66-YY	NonDirHist	Min	-0.001224	-0.050026	-0.019516	-0.000202	-0.000003	-1.075E-07
1º PISO	5	239	TH-ICA-2007-XX	NonDirHist	Max	0.940064	0.000808	-0.007554	0.00011	0.00328	0.00001
1º PISO	5	239	TH-ICA-2007-XX	NonDirHist	Min	-0.507596	-0.001203	-0.018444	-0.00009	-0.001827	-0.000005
1º PISO	5	239	TH-ICA-2007-YY	NonDirHist	Max	0.001555	0.039745	-0.016456	0.000023	0.000009	1.804E-07
1º PISO	5	239	TH-ICA-2007-YY	NonDirHist	Min	-0.00086	-0.030563	-0.018763	-0.000209	-0.000003	-6.403E-08
1º PISO	7	244	TH-LIMA-74-XX	NonDirHist	Max	0.935657	0.003077	-0.006052	0.000125	0.003324	0.00001
1º PISO	7	244	TH-LIMA-74-XX	NonDirHist	Min	-0.801496	-0.004209	-0.023769	-0.000095	-0.002887	-0.000008
1º PISO	7	244	TH-LIMA-74-YY	NonDirHist	Max	0.001577	0.037697	-0.017524	0.000034	0.000006	1.927E-07

1º PISO	7	244	TH-LIMA-74-YY	NonDirHist	Min	0.000759	-0.034851	-0.019524	-0.000207	-0.000002	-7.991E-08
1º PISO	7	244	TH-LIMA-66-XX	NonDirHist	Max	0.974726	0.003197	0.013791	0.000143	0.00346	0.000011
1º PISO	7	244	TH-LIMA-66-XX	NonDirHist	Min	-0.944933	-0.004474	-0.022772	-0.000106	-0.00333	-0.000008
1º PISO	7	244	TH-LIMA-66-YY	NonDirHist	Max	0.001589	0.03643	-0.017515	0.000087	0.000006	3.046E-07
1º PISO	7	244	TH-LIMA-66-YY	NonDirHist	Min	-0.001224	-0.049903	-0.020019	-0.000205	-0.000002	-1.075E-07
1º PISO	7	244	TH-ICA-2007-XX	NonDirHist	Max	0.940064	0.003065	-0.004374	0.000142	0.003341	0.00001
1º PISO	7	244	TH-ICA-2007-XX	NonDirHist	Min	-0.507596	-0.002848	-0.022416	-0.000083	-0.001848	-0.000005
1º PISO	7	244	TH-ICA-2007-YY	NonDirHist	Max	0.001555	0.039721	-0.017519	0.000019	0.000005	1.804E-07
1º PISO	7	244	TH-ICA-2007-YY	NonDirHist	Min	-0.00086	-0.03049	-0.019407	-0.000212	-0.000001	-6.403E-08
1º PISO	8	38	TH-LIMA-74-XX	NonDirHist	Max	0.931693	0.003077	-0.07783	0.000011	0.000011	0.00001
1º PISO	8	38	TH-LIMA-74-XX	NonDirHist	Min	-0.79837	-0.004209	-0.161289	-0.000025	-0.000176	-0.000008
1º PISO	8	38	TH-LIMA-74-YY	NonDirHist	Max	0.001573	0.037697	-0.151158	0.000053	-0.000142	1.927E-07
1º PISO	8	38	TH-LIMA-74-YY	NonDirHist	Min	-0.000795	-0.034851	-0.151218	-0.000063	-0.000142	-7.991E-08
1º PISO	8	38	TH-LIMA-66-XX	NonDirHist	Max	0.970546	0.003197	-0.072672	-0.000002	0.000017	0.000011
1º PISO	8	38	TH-LIMA-66-XX	NonDirHist	Min	-0.941749	-0.004474	-0.16502	-0.000017	-0.000186	-0.000008
1º PISO	8	38	TH-LIMA-66-YY	NonDirHist	Max	0.001597	0.03643	-0.151155	0.000051	-0.000142	3.046E-07
1º PISO	8	38	TH-LIMA-66-YY	NonDirHist	Min	-0.001271	-0.049903	-0.151232	-0.000088	-0.000142	-1.075E-07

1º PISO	8	38	TH-ICA-2007-XX	NonDirHist	Max	0.936045	0.003065	0.073551	-0.000005	0.000013	0.00001
1º PISO	8	38	TH-ICA-2007-XX	NonDirHist	Min	-0.505752	-0.002848	-0.155948	-0.000017	-0.000162	-0.000005
1º PISO	8	38	TH-ICA-2007-YY	NonDirHist	Max	0.001549	0.039721	-0.151158	0.000055	-0.000142	1.804E-07
1º PISO	8	38	TH-ICA-2007-YY	NonDirHist	Min	-0.000908	-0.03049	-0.15122	-0.000056	-0.000142	-6.403E-08
1º PISO	9	225	TH-LIMA-74-XX	NonDirHist	Max	0.931693	0.002156	0.004515	0.000013	0.004209	0.00001
1º PISO	9	225	TH-LIMA-74-XX	NonDirHist	Min	-0.79837	0.004995	-0.012749	-0.000003	-0.003541	-0.000008
1º PISO	9	225	TH-LIMA-74-YY	NonDirHist	Max	0.001573	0.037759	-0.005004	0.000081	0.000074	1.927E-07
1º PISO	9	225	TH-LIMA-74-YY	NonDirHist	Min	-0.000795	0.035002	-0.00525	-0.000086	0.000064	-7.991E-08
1º PISO	9	225	TH-LIMA-66-XX	NonDirHist	Max	0.970546	0.002042	0.005012	0.000014	0.004385	0.000011
1º PISO	9	225	TH-LIMA-66-XX	NonDirHist	Min	-0.941749	0.005314	-0.013422	-0.000004	-0.004111	-0.000008
1º PISO	9	225	TH-LIMA-66-YY	NonDirHist	Max	0.001597	0.036486	-0.004955	0.000121	0.000074	3.046E-07
1º PISO	9	225	TH-LIMA-66-YY	NonDirHist	Min	-0.001271	0.050143	-0.005244	-0.000086	0.000063	-1.075E-07
1º PISO	9	225	TH-ICA-2007-XX	NonDirHist	Max	0.936045	0.000908	0.004624	0.000013	0.004238	0.00001
1º PISO	9	225	TH-ICA-2007-XX	NonDirHist	Min	-0.505752	0.005119	-0.01011	-0.000001	-0.002213	-0.000005
1º PISO	9	225	TH-ICA-2007-YY	NonDirHist	Max	0.001549	0.039769	-0.005015	0.000071	0.000074	1.804E-07
1º PISO	9	225	TH-ICA-2007-YY	NonDirHist	Min	-0.000908	0.030632	-0.005252	-0.000088	0.000064	-6.403E-08
1º PISO	29	236	TH-LIMA-74-XX	NonDirHist	Max	0.927728	0.000457	0.008328	0.000165	0.003298	0.00001

1º PISO	29	236	TH-LIMA-74-XX	NonDirHist	Min	-0.795244	-0.001277	-0.015599	-0.000058	-0.002855	-0.000008
1º PISO	29	236	TH-LIMA-74-YY	NonDirHist	Max	0.001569	0.037729	-0.01202	0.000258	0.000006	1.927E-07
1º PISO	29	236	TH-LIMA-74-YY	NonDirHist	Min	-0.000831	-0.034929	-0.014305	0.000017	-0.000001	-7.991E-08
1º PISO	29	236	TH-LIMA-66-XX	NonDirHist	Max	0.966366	-0.00075	0.009959	0.000171	0.003435	0.000011
1º PISO	29	236	TH-LIMA-66-XX	NonDirHist	Min	-0.938565	-0.001219	-0.016745	-0.000123	-0.003295	-0.000008
1º PISO	29	236	TH-LIMA-66-YY	NonDirHist	Max	0.001615	0.036459	-0.011452	0.000311	0.000006	3.046E-07
1º PISO	29	236	TH-LIMA-66-YY	NonDirHist	Min	-0.001318	-0.050026	-0.014317	0.00002	-0.000001	-1.075E-07
1º PISO	29	236	TH-ICA-2007-XX	NonDirHist	Max	0.932026	-0.000808	0.009759	0.000167	0.003316	0.00001
1º PISO	29	236	TH-ICA-2007-XX	NonDirHist	Min	-0.503907	-0.001203	-0.01399	0.000015	-0.00183	-0.000005
1º PISO	29	236	TH-ICA-2007-YY	NonDirHist	Max	0.001543	0.039745	-0.012156	0.000243	0.000006	1.804E-07
1º PISO	29	236	TH-ICA-2007-YY	NonDirHist	Min	-0.000956	-0.030563	-0.014316	0.000012	-0.000001	-6.403E-08
1º PISO	30	248	TH-LIMA-74-XX	NonDirHist	Max	0.927728	0.003077	0.013626	0.000175	0.00331	0.00001
1º PISO	30	248	TH-LIMA-74-XX	NonDirHist	Min	-0.795244	-0.004209	-0.017099	-0.000042	-0.002849	-0.000008
1º PISO	30	248	TH-LIMA-74-YY	NonDirHist	Max	0.001569	0.037697	-0.012662	0.000264	0.000006	1.927E-07
1º PISO	30	248	TH-LIMA-74-YY	NonDirHist	Min	-0.000831	-0.034851	-0.014631	0.000024	-0.000004	-7.991E-08
1º PISO	30	248	TH-LIMA-66-XX	NonDirHist	Max	0.966366	0.003197	0.021939	0.000183	0.003448	0.000011
1º PISO	30	248	TH-LIMA-66-XX	NonDirHist	Min	-0.938565	-0.004474	-0.017321	-0.000057	-0.003285	-0.000008
1º PISO	30	248	TH-LIMA-66-YY	NonDirHist	Max	0.001615	0.03643	-0.012174	0.000317	0.000006	3.046E-07

1º PISO	30	248	TH-LIMA-66-YY	NonDirHist	Min	-0.001318	-0.049903	-0.014642	0.000026	-0.000005	-1.075E-07
1º PISO	30	248	TH-ICA-2007-XX	NonDirHist	Max	0.932026	0.003065	0.001415	0.000161	0.003331	0.00001
1º PISO	30	248	TH-ICA-2007-XX	NonDirHist	Min	-0.503907	-0.002848	-0.017271	-0.000056	-0.001831	-0.000005
1º PISO	30	248	TH-ICA-2007-YY	NonDirHist	Max	0.001543	0.039721	-0.012784	0.00025	0.000006	1.804E-07
1º PISO	30	248	TH-ICA-2007-YY	NonDirHist	Min	-0.000956	-0.03049	-0.01465	0.000018	-0.000005	-6.403E-08
1º PISO	35	229	TH-LIMA-74-XX	NonDirHist	Max	0.931693	0.007358	0.00156	0.000019	0.00407	0.00001
1º PISO	35	229	TH-LIMA-74-XX	NonDirHist	Min	-0.79837	0.007584	-0.012045	-0.000014	-0.003649	-0.000008
1º PISO	35	229	TH-LIMA-74-YY	NonDirHist	Max	0.001573	0.037664	-0.005138	0.000081	-0.00007	1.927E-07
1º PISO	35	229	TH-LIMA-74-YY	NonDirHist	Min	-0.000795	-0.03477	-0.005359	-0.000086	-0.00008	-7.991E-08
1º PISO	35	229	TH-LIMA-66-XX	NonDirHist	Max	0.970546	0.00771	0.002508	0.000019	0.004243	0.000011
1º PISO	35	229	TH-LIMA-66-XX	NonDirHist	Min	-0.941749	-0.00793	-0.012375	-0.000014	-0.004212	-0.000008
1º PISO	35	229	TH-LIMA-66-YY	NonDirHist	Max	0.001597	0.036401	-0.005144	0.00012	-0.00007	3.046E-07
1º PISO	35	229	TH-LIMA-66-YY	NonDirHist	Min	-0.001271	-0.049775	-0.005402	-0.000086	-0.00008	-1.075E-07
1º PISO	35	229	TH-ICA-2007-XX	NonDirHist	Max	0.936045	0.007405	-0.00098	0.000013	0.0041	0.00001
1º PISO	35	229	TH-ICA-2007-XX	NonDirHist	Min	-0.505752	-0.00484	-0.012081	-0.000014	-0.002337	-0.000005
1º PISO	35	229	TH-ICA-2007-YY	NonDirHist	Max	0.001549	0.039695	-0.005134	0.000071	-0.00007	1.804E-07
1º PISO	35	229	TH-ICA-2007-YY	NonDirHist	Min	-0.000908	-0.030415	-0.005348	-0.000088	-0.00008	-6.403E-08
1º PISO	1	3	TH-LIMA-74-XX	NonDirHist	Max	0.935657	0.002156	0.00428	0.000024	0.003501	0.00001

1º PISO	1	3	TH-LIMA-74-XX	NonDirHist	Min	-0.801496	-0.004995	-0.01685	-0.000007	-0.002992	-0.000008
1º PISO	1	3	TH-LIMA-74-YY	NonDirHist	Max	0.001577	0.037759	0.018312	0.000088	0.000029	1.927E-07
1º PISO	1	3	TH-LIMA-74-YY	NonDirHist	Min	-0.000759	-0.035002	-0.028298	-0.00009	0.000022	-7.991E-08
1º PISO	1	3	TH-LIMA-66-XX	NonDirHist	Max	0.974726	0.002042	0.004686	0.000026	0.003646	0.000011
1º PISO	1	3	TH-LIMA-66-XX	NonDirHist	Min	-0.944933	-0.005314	-0.018458	-0.000008	-0.003461	-0.000008
1º PISO	1	3	TH-LIMA-66-YY	NonDirHist	Max	0.001589	0.036486	0.018367	0.000129	0.000029	3.046E-07
1º PISO	1	3	TH-LIMA-66-YY	NonDirHist	Min	-0.001224	-0.050143	-0.039561	-0.000089	0.000021	-1.075E-07
1º PISO	1	3	TH-ICA-2007-XX	NonDirHist	Max	0.940064	0.000908	0.004376	0.000025	0.003524	0.00001
1º PISO	1	3	TH-ICA-2007-XX	NonDirHist	Min	-0.507596	-0.005119	-0.01331	-0.000002	-0.001892	-0.000005
1º PISO	1	3	TH-ICA-2007-YY	NonDirHist	Max	0.001555	0.039769	0.018765	0.000077	0.000029	1.804E-07
1º PISO	1	3	TH-ICA-2007-YY	NonDirHist	Min	-0.00086	-0.030632	-0.025493	-0.000093	0.000021	-6.403E-08
1º PISO	3	6	TH-LIMA-74-XX	NonDirHist	Max	0.927728	0.002156	0.011808	0.00001	0.002513	0.00001
1º PISO	3	6	TH-LIMA-74-XX	NonDirHist	Min	-0.795244	-0.004995	-0.017308	0.000004	-0.002146	-0.000008
1º PISO	3	6	TH-LIMA-74-YY	NonDirHist	Max	0.001569	0.037759	0.017635	0.00008	0.000033	1.927E-07
1º PISO	3	6	TH-LIMA-74-YY	NonDirHist	Min	-0.000831	-0.035002	-0.028709	-0.000079	0.000019	-7.991E-08
1º PISO	3	6	TH-LIMA-66-XX	NonDirHist	Max	0.966366	0.002042	0.012533	0.000008	0.002612	0.000011
1º PISO	3	6	TH-LIMA-66-XX	NonDirHist	Min	-0.938565	-0.005314	-0.018739	0.000004	-0.002458	-0.000008
1º PISO	3	6	TH-LIMA-66-YY	NonDirHist	Max	0.001615	0.036486	0.028848	0.000118	0.000036	3.046E-07
1º PISO	3	6	TH-LIMA-66-YY	NonDirHist	Min	-0.001318	-0.050143	-0.028769	-0.000079	0.00002	-1.075E-07

1º PISO	3	6	TH-ICA-2007-XX	NonDirHist	Max	0.932026	0.000908	0.011938	0.000008	0.002537	0.00001
1º PISO	3	6	TH-ICA-2007-XX	NonDirHist	Min	0.503907	-0.005119	-0.012579	0.000005	-0.001391	-0.000005
1º PISO	3	6	TH-ICA-2007-YY	NonDirHist	Max	0.001543	0.039769	0.014856	0.000071	0.000033	1.804E-07
1º PISO	3	6	TH-ICA-2007-YY	NonDirHist	Min	0.000956	-0.030632	-0.029134	-0.000081	0.000021	-6.403E-08
1º PISO	4	9	TH-LIMA-74-XX	NonDirHist	Max	0.927728	0.007358	0.009777	0.000016	0.003546	0.00001
1º PISO	4	9	TH-LIMA-74-XX	NonDirHist	Min	0.795244	-0.007584	-0.019413	-0.000007	-0.003101	-0.000008
1º PISO	4	9	TH-LIMA-74-YY	NonDirHist	Max	0.001569	0.037664	0.017664	0.000089	-0.000014	1.927E-07
1º PISO	4	9	TH-LIMA-74-YY	NonDirHist	Min	0.000831	-0.03477	-0.02904	-0.000089	-0.000022	-7.991E-08
1º PISO	4	9	TH-LIMA-66-XX	NonDirHist	Max	0.966366	0.00771	0.010921	0.000016	0.003697	0.000011
1º PISO	4	9	TH-LIMA-66-XX	NonDirHist	Min	0.938565	-0.00793	-0.020039	-0.000007	-0.003598	-0.000008
1º PISO	4	9	TH-LIMA-66-YY	NonDirHist	Max	0.001615	0.036401	0.028902	0.00013	-0.000014	3.046E-07
1º PISO	4	9	TH-LIMA-66-YY	NonDirHist	Min	0.001318	-0.049775	-0.029099	-0.000088	-0.000022	-1.075E-07
1º PISO	4	9	TH-ICA-2007-XX	NonDirHist	Max	0.932026	0.007405	0.004889	0.000013	0.003571	0.00001
1º PISO	4	9	TH-ICA-2007-XX	NonDirHist	Min	0.503907	-0.00484	-0.019568	-0.000007	-0.001976	-0.000005
1º PISO	4	9	TH-ICA-2007-YY	NonDirHist	Max	0.001543	0.039695	0.014851	0.000078	-0.000014	1.804E-07
1º PISO	4	9	TH-ICA-2007-YY	NonDirHist	Min	0.000956	-0.030415	-0.029511	-0.000092	-0.000021	-6.403E-08
1º PISO	6	12	TH-LIMA-74-XX	NonDirHist	Max	0.935657	0.007358	-0.001602	0.000026	0.002495	0.00001
1º PISO	6	12	TH-LIMA-74-XX	NonDirHist	Min	0.801496	-0.007584	-0.01317	-0.000014	-0.002315	-0.000008
1º PISO	6	12	TH-LIMA-74-YY	NonDirHist	Max	0.001577	0.037664	0.018015	0.000079	-0.000039	1.927E-07

1º PISO	6	12	TH-LIMA-74-YY	NonDirHist	Min	0.000759	-0.03477	0.028352	-0.00008	-0.000049	-7.991E-08
1º PISO	6	12	TH-LIMA-66-XX	NonDirHist	Max	0.974726	0.00771	0.000631	0.000028	0.002614	0.000011
1º PISO	6	12	TH-LIMA-66-XX	NonDirHist	Min	0.944933	-0.00793	0.013498	-0.000015	-0.002629	-0.000008
1º PISO	6	12	TH-LIMA-66-YY	NonDirHist	Max	0.001589	0.036401	0.018079	0.000116	-0.000036	3.046E-07
1º PISO	6	12	TH-LIMA-66-YY	NonDirHist	Min	0.001224	0.049775	0.039522	-0.000079	-0.000049	-1.075E-07
1º PISO	6	12	TH-ICA-2007-XX	NonDirHist	Max	0.940064	0.007405	0.003293	0.000018	0.002518	0.00001
1º PISO	6	12	TH-ICA-2007-XX	NonDirHist	Min	0.507596	-0.00484	0.013205	-0.000014	-0.001523	-0.000005
1º PISO	6	12	TH-ICA-2007-YY	NonDirHist	Max	0.001555	0.039695	0.018461	0.000069	-0.000038	1.804E-07
1º PISO	6	12	TH-ICA-2007-YY	NonDirHist	Min	-0.00086	0.030415	0.025568	-0.000082	-0.000047	-6.403E-08
1º PISO	10	18	TH-LIMA-74-XX	NonDirHist	Max	0.937752	0.002156	0.042235	0.000656	0.002027	0.00001
1º PISO	10	18	TH-LIMA-74-XX	NonDirHist	Min	0.803147	0.004995	0.100084	0.000401	-0.000368	-0.000008
1º PISO	10	18	TH-LIMA-74-YY	NonDirHist	Max	0.001579	0.037759	-0.02714	0.000605	0.000753	1.927E-07
1º PISO	10	18	TH-LIMA-74-YY	NonDirHist	Min	-0.00074	0.035002	0.109639	0.00043	0.000691	-7.991E-08
1º PISO	10	18	TH-LIMA-66-XX	NonDirHist	Max	0.976934	0.002042	0.041039	0.000678	0.002078	0.000011
1º PISO	10	18	TH-LIMA-66-XX	NonDirHist	Min	0.946615	0.005314	0.104906	0.000395	-0.00054	-0.000008
1º PISO	10	18	TH-LIMA-66-YY	NonDirHist	Max	0.001598	0.036486	-0.02725	0.000646	0.000754	3.046E-07
1º PISO	10	18	TH-LIMA-66-YY	NonDirHist	Min	0.001199	0.050143	0.129199	0.000431	0.000675	-1.075E-07
1º PISO	10	18	TH-ICA-2007-XX	NonDirHist	Max	0.942188	0.000908	0.041967	0.000606	0.002033	0.00001

1º PISO	10	18	TH-ICA-2007-XX	NonDirHist	Min	-0.508571	-0.005119	-0.089539	0.000399	0.000021	-0.000005
1º PISO	10	18	TH-ICA-2007-YY	NonDirHist	Max	0.001558	0.039769	-0.026126	0.000595	0.000754	1.804E-07
1º PISO	10	18	TH-ICA-2007-YY	NonDirHist	Min	-0.000835	-0.030632	-0.10467	0.000427	0.000695	-6.403E-08
1º PISO	11	21	TH-LIMA-74-XX	NonDirHist	Max	0.937752	0.000457	-0.14484	0.001358	0.000182	0.00001
1º PISO	11	21	TH-LIMA-74-XX	NonDirHist	Min	-0.803147	-0.001277	-0.174429	0.001035	-0.000074	-0.000008
1º PISO	11	21	TH-LIMA-74-YY	NonDirHist	Max	0.001579	0.037729	-0.119038	0.001185	0.000061	1.927E-07
1º PISO	11	21	TH-LIMA-74-YY	NonDirHist	Min	-0.00074	-0.034929	-0.171765	0.00094	0.00001	-7.991E-08
1º PISO	11	21	TH-LIMA-66-XX	NonDirHist	Max	0.976934	-0.00075	-0.143529	0.001363	0.000192	0.000011
1º PISO	11	21	TH-LIMA-66-XX	NonDirHist	Min	-0.946615	-0.001219	-0.174121	0.001018	-0.000088	-0.000008
1º PISO	11	21	TH-LIMA-66-YY	NonDirHist	Max	0.001598	0.036459	-0.119539	0.001239	0.000061	3.046E-07
1º PISO	11	21	TH-LIMA-66-YY	NonDirHist	Min	-0.001199	-0.050026	-0.183482	0.000942	-0.000003	-1.075E-07
1º PISO	11	21	TH-ICA-2007-XX	NonDirHist	Max	0.942188	-0.000808	-0.146053	0.001359	0.000187	0.00001
1º PISO	11	21	TH-ICA-2007-XX	NonDirHist	Min	-0.508571	-0.001203	-0.173798	0.001053	-0.000043	-0.000005
1º PISO	11	21	TH-ICA-2007-YY	NonDirHist	Max	0.001558	0.039745	-0.117993	0.00117	0.000061	1.804E-07
1º PISO	11	21	TH-ICA-2007-YY	NonDirHist	Min	-0.000835	-0.030563	-0.168597	0.000935	0.000013	-6.403E-08
1º PISO	12	24	TH-LIMA-74-XX	NonDirHist	Max	0.937752	0.003077	-0.152125	0.001313	0.000366	0.00001

1º PISO	12	24	TH-LIMA-74-XX	NonDirHist	Min	0.803147	-0.004209	-0.17928	0.001103	-0.000138	-0.000008
1º PISO	12	24	TH-LIMA-74-YY	NonDirHist	Max	0.001579	0.037697	-0.1272	0.001239	0.000129	1.927E-07
1º PISO	12	24	TH-LIMA-74-YY	NonDirHist	Min	-0.00074	-0.034851	0.178871	0.000999	0.000088	-7.991E-08
1º PISO	12	24	TH-LIMA-66-XX	NonDirHist	Max	0.976934	0.003197	-0.150827	0.001364	0.000376	0.000011
1º PISO	12	24	TH-LIMA-66-XX	NonDirHist	Min	0.946615	-0.004474	-0.181396	0.001105	-0.000181	-0.000008
1º PISO	12	24	TH-LIMA-66-YY	NonDirHist	Max	0.001598	0.03643	-0.127696	0.001293	0.00014	3.046E-07
1º PISO	12	24	TH-LIMA-66-YY	NonDirHist	Min	0.001199	-0.049903	-0.190322	0.001001	0.000087	-1.075E-07
1º PISO	12	24	TH-ICA-2007-XX	NonDirHist	Max	0.942188	0.003065	-0.153347	0.001269	0.000367	0.00001
1º PISO	12	24	TH-ICA-2007-XX	NonDirHist	Min	0.508571	-0.002848	-0.181147	0.001107	-0.000039	-0.000005
1º PISO	12	24	TH-ICA-2007-YY	NonDirHist	Max	0.001558	0.039721	-0.126163	0.001225	0.000127	1.804E-07
1º PISO	12	24	TH-ICA-2007-YY	NonDirHist	Min	0.000835	-0.03049	-0.175767	0.000994	0.000088	-6.403E-08
1º PISO	13	27	TH-LIMA-74-XX	NonDirHist	Max	0.937752	0.007358	-0.060896	0.000673	-0.00002	0.00001
1º PISO	13	27	TH-LIMA-74-XX	NonDirHist	Min	0.803147	-0.007584	-0.097405	0.000494	-0.001678	-0.000008
1º PISO	13	27	TH-LIMA-74-YY	NonDirHist	Max	0.001579	0.037664	-0.034679	0.000641	-0.000847	1.927E-07
1º PISO	13	27	TH-LIMA-74-YY	NonDirHist	Min	-0.00074	-0.03477	-0.113213	0.000484	-0.000902	-7.991E-08
1º PISO	13	27	TH-LIMA-66-XX	NonDirHist	Max	0.976934	0.00771	-0.058176	0.000679	0.00002	0.000011
1º PISO	13	27	TH-LIMA-66-XX	NonDirHist	Min	0.946615	-0.00793	-0.098475	0.000483	-0.001788	-0.000008

1º PISO	13	27	TH-LIMA-66-YY	NonDirHist	Max	0.001598	0.036401	-0.034688	0.000678	-0.000833	3.046E-07
1º PISO	13	27	TH-LIMA-66-YY	NonDirHist	Min	-0.001199	-0.049775	-0.131926	0.000484	-0.000903	-1.075E-07
1º PISO	13	27	TH-ICA-2007-XX	NonDirHist	Max	0.942188	0.007405	-0.066092	0.000675	-0.000013	0.00001
1º PISO	13	27	TH-ICA-2007-XX	NonDirHist	Min	-0.508571	-0.00484	-0.097683	0.000518	-0.001394	-0.000005
1º PISO	13	27	TH-ICA-2007-YY	NonDirHist	Max	0.001558	0.039695	-0.033822	0.000632	-0.00085	1.804E-07
1º PISO	13	27	TH-ICA-2007-YY	NonDirHist	Min	-0.000835	-0.030415	-0.108499	0.000482	-0.000901	-6.403E-08
1º PISO	15	14	TH-LIMA-74-XX	NonDirHist	Max	0.931846	0.002035	0	0	0	0.00001
1º PISO	15	14	TH-LIMA-74-XX	NonDirHist	Min	-0.798491	-0.004842	0	0	0	-0.000008
1º PISO	15	14	TH-LIMA-74-YY	NonDirHist	Max	0.001573	0.037758	0	0	0	1.927E-07
1º PISO	15	14	TH-LIMA-74-YY	NonDirHist	Min	-0.000794	-0.035	0	0	0	-7.991E-08
1º PISO	15	14	TH-LIMA-66-XX	NonDirHist	Max	0.970708	0.001919	0	0	0	0.000011
1º PISO	15	14	TH-LIMA-66-XX	NonDirHist	Min	-0.941872	-0.005152	0	0	0	-0.000008
1º PISO	15	14	TH-LIMA-66-YY	NonDirHist	Max	0.001596	0.036485	0	0	0	3.046E-07
1º PISO	15	14	TH-LIMA-66-YY	NonDirHist	Min	-0.001269	-0.050139	0	0	0	-1.075E-07
1º PISO	15	14	TH-ICA-2007-XX	NonDirHist	Max	0.9362	0.000836	0	0	0	0.00001
1º PISO	15	14	TH-ICA-2007-XX	NonDirHist	Min	-0.505823	-0.004963	0	0	0	-0.000005
1º PISO	15	14	TH-ICA-2007-YY	NonDirHist	Max	0.001549	0.039768	0	0	0	1.804E-07
1º PISO	15	14	TH-ICA-2007-YY	NonDirHist	Min	-0.000906	-0.03063	0	0	0	-6.403E-08
1º PISO	16	15	TH-LIMA-74-XX	NonDirHist	Max	0.931539	0.002035	0	0	0	0.00001

1º PISO	16	15	TH-LIMA-74-XX	NonDirHist	Min	-0.798249	-0.004842	0	0	0	-0.000008
1º PISO	16	15	TH-LIMA-74-YY	NonDirHist	Max	0.001573	0.037758	0	0	0	1.927E-07
1º PISO	16	15	TH-LIMA-74-YY	NonDirHist	Min	-0.000797	-0.035	0	0	0	-7.991E-08
1º PISO	16	15	TH-LIMA-66-XX	NonDirHist	Max	0.970385	0.001919	0	0	0	0.000011
1º PISO	16	15	TH-LIMA-66-XX	NonDirHist	Min	-0.941626	-0.005152	0	0	0	-0.000008
1º PISO	16	15	TH-LIMA-66-YY	NonDirHist	Max	0.001598	0.036485	0	0	0	3.046E-07
1º PISO	16	15	TH-LIMA-66-YY	NonDirHist	Min	-0.001273	-0.050139	0	0	0	-1.075E-07
1º PISO	16	15	TH-ICA-2007-XX	NonDirHist	Max	0.935889	0.000836	0	0	0	0.00001
1º PISO	16	15	TH-ICA-2007-XX	NonDirHist	Min	-0.50568	-0.004963	0	0	0	-0.000005
1º PISO	16	15	TH-ICA-2007-YY	NonDirHist	Max	0.001549	0.039768	0	0	0	1.804E-07
1º PISO	16	15	TH-ICA-2007-YY	NonDirHist	Min	-0.00091	-0.03063	0	0	0	-6.403E-08
1º PISO	19	49	TH-LIMA-74-XX	NonDirHist	Max	0.931846	0.007205	0	0	0	0.00001
1º PISO	19	49	TH-LIMA-74-XX	NonDirHist	Min	-0.798491	-0.007463	0	0	0	-0.000008
1º PISO	19	49	TH-LIMA-74-YY	NonDirHist	Max	0.001573	0.037665	0	0	0	1.927E-07
1º PISO	19	49	TH-LIMA-74-YY	NonDirHist	Min	-0.000794	-0.034773	0	0	0	-7.991E-08
1º PISO	19	49	TH-LIMA-66-XX	NonDirHist	Max	0.970708	0.007549	0	0	0	0.000011
1º PISO	19	49	TH-LIMA-66-XX	NonDirHist	Min	-0.941872	-0.007806	0	0	0	-0.000008
1º PISO	19	49	TH-LIMA-66-YY	NonDirHist	Max	0.001596	0.036402	0	0	0	3.046E-07
1º PISO	19	49	TH-LIMA-66-YY	NonDirHist	Min	-0.001269	-0.049779	0	0	0	-1.075E-07

1º PISO	19	49	TH-ICA-2007-XX	NonDirHist	Max	0.9362	0.00725	0	0	0	0.00001
1º PISO	19	49	TH-ICA-2007-XX	NonDirHist	Min	-0.505823	-0.004769	0	0	0	-0.000005
1º PISO	19	49	TH-ICA-2007-YY	NonDirHist	Max	0.001549	0.039696	0	0	0	1.804E-07
1º PISO	19	49	TH-ICA-2007-YY	NonDirHist	Min	-0.000906	-0.030417	0	0	0	-6.403E-08
1º PISO	24	52	TH-LIMA-74-XX	NonDirHist	Max	0.931539	0.007205	0	0	0	0.00001
1º PISO	24	52	TH-LIMA-74-XX	NonDirHist	Min	-0.798249	-0.007463	0	0	0	-0.000008
1º PISO	24	52	TH-LIMA-74-YY	NonDirHist	Max	0.001573	0.037665	0	0	0	1.927E-07
1º PISO	24	52	TH-LIMA-74-YY	NonDirHist	Min	-0.000797	-0.034773	0	0	0	-7.991E-08
1º PISO	24	52	TH-LIMA-66-XX	NonDirHist	Max	0.970385	0.007549	0	0	0	0.000011
1º PISO	24	52	TH-LIMA-66-XX	NonDirHist	Min	-0.941626	-0.007806	0	0	0	-0.000008
1º PISO	24	52	TH-LIMA-66-YY	NonDirHist	Max	0.001598	0.036402	0	0	0	3.046E-07
1º PISO	24	52	TH-LIMA-66-YY	NonDirHist	Min	-0.001273	-0.049779	0	0	0	-1.075E-07
1º PISO	24	52	TH-ICA-2007-XX	NonDirHist	Max	0.935889	0.00725	0	0	0	0.00001
1º PISO	24	52	TH-ICA-2007-XX	NonDirHist	Min	-0.50568	-0.004769	0	0	0	-0.000005
1º PISO	24	52	TH-ICA-2007-YY	NonDirHist	Max	0.001549	0.039696	0	0	0	1.804E-07
1º PISO	24	52	TH-ICA-2007-YY	NonDirHist	Min	-0.00091	-0.030417	0	0	0	-6.403E-08
1º PISO	27	65	TH-LIMA-74-XX	NonDirHist	Max	0.932251	0.001157	0	0	0	0.00001
1º PISO	27	65	TH-LIMA-74-XX	NonDirHist	Min	-0.79881	-0.00271	0	0	0	-0.000008
1º PISO	27	65	TH-LIMA-74-YY	NonDirHist	Max	0.001574	0.037712	0	0	0	1.927E-07

1º PISO	27	65	TH-LIMA-74-YY	NonDirHist	Min	-0.00079	-0.034887	0	0	0	-7.991E-08
1º PISO	27	65	TH-LIMA-66-XX	NonDirHist	Max	0.971135	0.001173	0	0	0	0.000011
1º PISO	27	65	TH-LIMA-66-XX	NonDirHist	Min	-0.942197	-0.002924	0	0	0	-0.000008
1º PISO	27	65	TH-LIMA-66-YY	NonDirHist	Max	0.001594	0.036444	0	0	0	3.046E-07
1º PISO	27	65	TH-LIMA-66-YY	NonDirHist	Min	-0.001265	-0.04996	0	0	0	-1.075E-07
1º PISO	27	65	TH-ICA-2007-XX	NonDirHist	Max	0.936611	0.001128	0	0	0	0.00001
1º PISO	27	65	TH-ICA-2007-XX	NonDirHist	Min	-0.506012	-0.001955	0	0	0	-0.000005
1º PISO	27	65	TH-ICA-2007-YY	NonDirHist	Max	0.00155	0.039732	0	0	0	1.804E-07
1º PISO	27	65	TH-ICA-2007-YY	NonDirHist	Min	-0.000901	-0.030524	0	0	0	-6.403E-08
Base	3	56	TH-LIMA-74-XX	NonDirHist	Max	0	0	0	0.000011	0.003097	0.000037
Base	3	56	TH-LIMA-74-XX	NonDirHist	Min	0	0	0	-0.000008	-0.002662	-0.000038
Base	3	56	TH-LIMA-74-YY	NonDirHist	Max	0	0	0	0.000037	0.00001	0.000004
Base	3	56	TH-LIMA-74-YY	NonDirHist	Min	0	0	0	-0.000042	-0.000032	-0.000001
Base	3	56	TH-LIMA-66-XX	NonDirHist	Max	0	0	0	0.000011	0.003229	0.000045
Base	3	56	TH-LIMA-66-XX	NonDirHist	Min	0	0	0	-0.000009	-0.003177	-0.00004
Base	3	56	TH-LIMA-66-YY	NonDirHist	Max	0	0	0	0.000053	0.000007	0.000005
Base	3	56	TH-LIMA-66-YY	NonDirHist	Min	0	0	0	-0.00004	-0.000041	-0.000001
Base	3	56	TH-ICA-2007-XX	NonDirHist	Max	0	0	0	0.000011	0.003106	0.000022
Base	3	56	TH-ICA-2007-XX	NonDirHist	Min	0	0	0	-0.000005	-0.001675	-0.000038
Base	3	56	TH-ICA-2007-YY	NonDirHist	Max	0	0	0	0.000033	0.00001	0.000004
Base	3	56	TH-ICA-2007-YY	NonDirHist	Min	0	0	0	-0.000045	-0.000029	-0.000001

Base	6	54	TH-LIMA-74-XX	NonDirHist	Max	0	0	0	0.000003	0.003151	0.000046
Base	6	54	TH-LIMA-74-XX	NonDirHist	Min	0	0	0	-0.000004	-0.002617	-0.00003
Base	6	54	TH-LIMA-74-YY	NonDirHist	Max	0	0	0	0.000038	0.000044	0.000006
Base	6	54	TH-LIMA-74-YY	NonDirHist	Min	0	0	0	-0.000042	0.000005	0.000001
Base	6	54	TH-LIMA-66-XX	NonDirHist	Max	0	0	0	0.000002	0.003276	0.000047
Base	6	54	TH-LIMA-66-XX	NonDirHist	Min	0	0	0	-0.000004	-0.003131	-0.000039
Base	6	54	TH-LIMA-66-YY	NonDirHist	Max	0	0	0	0.000053	0.000042	0.000005
Base	6	54	TH-LIMA-66-YY	NonDirHist	Min	0	0	0	-0.00004	-0.000003	-1.693E-07
Base	6	54	TH-ICA-2007-XX	NonDirHist	Max	0	0	0	0.000002	0.00316	0.000045
Base	6	54	TH-ICA-2007-XX	NonDirHist	Min	0	0	0	-0.000004	-0.001632	-0.000016
Base	6	54	TH-ICA-2007-YY	NonDirHist	Max	0	0	0	0.000033	0.000045	0.000006
Base	6	54	TH-ICA-2007-YY	NonDirHist	Min	0	0	0	-0.000044	0.000008	0.000001

TABLE: Hinge States

Story	Frame/Wall	Unique Name	Output Case	Case Type	Step Type	Hinge	Generated Hinge	Rel Dist	Abs Dist m	M3 tonf-m	Hinge State	Hinge Status
3º PISO	B15	44	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B15H7	0	0	-0.0287	A to B	A to IO
3º PISO	B15	44	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B15H7	0	0	-0.0393	A to B	A to IO
3º PISO	B15	44	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B15H7	0	0	-0.0332	A to B	A to IO
3º PISO	B15	44	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B15H7	0	0	-0.0343	A to B	A to IO
3º PISO	B15	44	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B15H7	0	0	-0.0281	A to B	A to IO
3º PISO	B15	44	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B15H7	0	0	-0.0399	A to B	A to IO
3º PISO	B15	44	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B15H7	0	0	-0.0329	A to B	A to IO
3º PISO	B15	44	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B15H7	0	0	-0.0343	A to B	A to IO
3º PISO	B15	44	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B15H7	0	0	-0.0304	A to B	A to IO
3º PISO	B15	44	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B15H7	0	0	-0.039	A to B	A to IO
3º PISO	B15	44	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B15H7	0	0	-0.0333	A to B	A to IO
3º PISO	B15	44	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B15H7	0	0	-0.0343	A to B	A to IO
3º PISO	B16	20	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B16H7	0	0	0.013	A to B	A to IO
3º PISO	B16	20	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B16H7	0	0	0.0037	A to B	A to IO
3º PISO	B16	20	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B16H7	0	0	0.0084	A to B	A to IO
3º PISO	B16	20	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B16H7	0	0	0.0041	A to B	A to IO
3º PISO	B16	20	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B16H7	0	0	0.0134	A to B	A to IO
3º PISO	B16	20	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B16H7	0	0	0.0037	A to B	A to IO
3º PISO	B16	20	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B16H7	0	0	0.0095	A to B	A to IO
3º PISO	B16	20	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B16H7	0	0	0.004	A to B	A to IO
3º PISO	B16	20	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B16H7	0	0	0.0128	A to B	A to IO

3º PISO	B16	20	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B16H7	0	0	0.0044	A to B	A to IO
3º PISO	B16	20	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B16H7	0	0	0.0081	A to B	A to IO
3º PISO	B16	20	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B16H7	0	0	0.0041	A to B	A to IO
3º PISO	B17	35	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B17H7	0	0	0.012	A to B	A to IO
3º PISO	B17	35	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B17H7	0	0	0.004	A to B	A to IO
3º PISO	B17	35	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B17H7	0	0	0.0089	A to B	A to IO
3º PISO	B17	35	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B17H7	0	0	0.0052	A to B	A to IO
3º PISO	B17	35	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B17H7	0	0	0.0127	A to B	A to IO
3º PISO	B17	35	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B17H7	0	0	0.004	A to B	A to IO
3º PISO	B17	35	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B17H7	0	0	0.0098	A to B	A to IO
3º PISO	B17	35	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B17H7	0	0	0.0051	A to B	A to IO
3º PISO	B17	35	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B17H7	0	0	0.0101	A to B	A to IO
3º PISO	B17	35	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B17H7	0	0	0.0042	A to B	A to IO
3º PISO	B17	35	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B17H7	0	0	0.0087	A to B	A to IO
3º PISO	B17	35	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B17H7	0	0	0.0052	A to B	A to IO
3º PISO	B18	57	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B18H7	0	0	-0.0325	A to B	A to IO
3º PISO	B18	57	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B18H7	0	0	-0.0437	A to B	A to IO
3º PISO	B18	57	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B18H7	0	0	-0.0376	A to B	A to IO
3º PISO	B18	57	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B18H7	0	0	-0.0389	A to B	A to IO
3º PISO	B18	57	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B18H7	0	0	-0.0321	A to B	A to IO
3º PISO	B18	57	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B18H7	0	0	-0.044	A to B	A to IO
3º PISO	B18	57	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B18H7	0	0	-0.0374	A to B	A to IO
3º PISO	B18	57	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B18H7	0	0	-0.0389	A to B	A to IO

3º PISO	B18	57	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B18H7	0	0	-0.0323	A to B	A to IO
3º PISO	B18	57	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B18H7	0	0	-0.0418	A to B	A to IO
3º PISO	B18	57	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B18H7	0	0	-0.0377	A to B	A to IO
3º PISO	B18	57	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B18H7	0	0	-0.0389	A to B	A to IO
3º PISO	B9	45	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B9H7	0	0.25	0.1251	A to B	A to IO
3º PISO	B9	45	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B9H8	1	3.73	0.1502	A to B	A to IO
3º PISO	B9	45	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B9H7	0	0.25	-0.1759	A to B	A to IO
3º PISO	B9	45	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B9H8	1	3.73	-0.1267	A to B	A to IO
3º PISO	B9	45	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B9H7	0	0.25	0.0451	A to B	A to IO
3º PISO	B9	45	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B9H8	1	3.73	0.0363	A to B	A to IO
3º PISO	B9	45	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B9H7	0	0.25	-0.0534	A to B	A to IO
3º PISO	B9	45	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B9H8	1	3.73	-0.056	A to B	A to IO
3º PISO	B9	45	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B9H7	0	0.25	0.1347	A to B	A to IO
3º PISO	B9	45	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B9H8	1	3.73	0.1597	A to B	A to IO
3º PISO	B9	45	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B9H7	0	0.25	-0.1857	A to B	A to IO
3º PISO	B9	45	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B9H8	1	3.73	-0.1355	A to B	A to IO
3º PISO	B9	45	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B9H7	0	0.25	0.0522	A to B	A to IO
3º PISO	B9	45	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B9H8	1	3.73	0.0658	A to B	A to IO
3º PISO	B9	45	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B9H7	0	0.25	-0.0849	A to B	A to IO
3º PISO	B9	45	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B9H8	1	3.73	-0.0627	A to B	A to IO
3º PISO	B9	45	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B9H7	0	0.25	0.0801	A to B	A to IO
3º PISO	B9	45	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B9H8	1	3.73	0.1525	A to B	A to IO
3º PISO	B9	45	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B9H7	0	0.25	-0.1776	A to B	A to IO

3º PISO	B9	45	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B9H8	1	3.73	-0.0849	A to B	A to IO
3º PISO	B9	45	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B9H7	0	0.25	0.042	A to B	A to IO
3º PISO	B9	45	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B9H8	1	3.73	0.0308	A to B	A to IO
3º PISO	B9	45	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B9H7	0	0.25	-0.0476	A to B	A to IO
3º PISO	B9	45	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B9H8	1	3.73	-0.0531	A to B	A to IO
3º PISO	B10	50	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B10H7	0	0.15	0.1195	A to B	A to IO
3º PISO	B10	50	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B10H8	1	3.63	0.142	A to B	A to IO
3º PISO	B10	50	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B10H7	0	0.15	-0.125	A to B	A to IO
3º PISO	B10	50	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B10H8	1	3.63	-0.1226	A to B	A to IO
3º PISO	B10	50	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B10H7	0	0.15	0.0331	A to B	A to IO
3º PISO	B10	50	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B10H8	1	3.63	0.0627	A to B	A to IO
3º PISO	B10	50	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B10H7	0	0.15	-0.0567	A to B	A to IO
3º PISO	B10	50	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B10H8	1	3.63	-0.0278	A to B	A to IO
3º PISO	B10	50	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B10H7	0	0.15	0.1272	A to B	A to IO
3º PISO	B10	50	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B10H8	1	3.63	0.1513	A to B	A to IO
3º PISO	B10	50	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B10H7	0	0.15	-0.1334	A to B	A to IO
3º PISO	B10	50	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B10H8	1	3.63	-0.1303	A to B	A to IO
3º PISO	B10	50	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B10H7	0	0.15	0.0395	A to B	A to IO
3º PISO	B10	50	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B10H8	1	3.63	0.0917	A to B	A to IO
3º PISO	B10	50	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B10H7	0	0.15	-0.0854	A to B	A to IO
3º PISO	B10	50	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B10H8	1	3.63	-0.0343	A to B	A to IO
3º PISO	B10	50	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B10H7	0	0.15	0.1226	A to B	A to IO
3º PISO	B10	50	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B10H8	1	3.63	0.1009	A to B	A to IO

3º PISO	B10	50	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B10H7	0	0.15	-0.0868	A to B	A to IO
3º PISO	B10	50	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B10H8	1	3.63	-0.1249	A to B	A to IO
3º PISO	B10	50	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B10H7	0	0.15	0.0303	A to B	A to IO
3º PISO	B10	50	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B10H8	1	3.63	0.0573	A to B	A to IO
3º PISO	B10	50	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B10H7	0	0.15	-0.0513	A to B	A to IO
3º PISO	B10	50	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B10H8	1	3.63	-0.025	A to B	A to IO
3º PISO	B11	58	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B11H7	0	0.25	0.1118	A to B	A to IO
3º PISO	B11	58	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B11H8	1	3.73	0.105	A to B	A to IO
3º PISO	B11	58	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B11H7	0	0.25	-0.1311	A to B	A to IO
3º PISO	B11	58	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B11H8	1	3.73	-0.115	A to B	A to IO
3º PISO	B11	58	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B11H7	0	0.25	0.0384	A to B	A to IO
3º PISO	B11	58	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B11H8	1	3.73	0.0355	A to B	A to IO
3º PISO	B11	58	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B11H7	0	0.25	-0.0509	A to B	A to IO
3º PISO	B11	58	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B11H8	1	3.73	-0.0545	A to B	A to IO
3º PISO	B11	58	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B11H7	0	0.25	0.1183	A to B	A to IO
3º PISO	B11	58	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B11H8	1	3.73	0.1179	A to B	A to IO
3º PISO	B11	58	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B11H7	0	0.25	-0.1434	A to B	A to IO
3º PISO	B11	58	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B11H8	1	3.73	-0.1209	A to B	A to IO
3º PISO	B11	58	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B11H7	0	0.25	0.0448	A to B	A to IO
3º PISO	B11	58	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B11H8	1	3.73	0.0641	A to B	A to IO
3º PISO	B11	58	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B11H7	0	0.25	-0.0794	A to B	A to IO
3º PISO	B11	58	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B11H8	1	3.73	-0.0608	A to B	A to IO
3º PISO	B11	58	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B11H7	0	0.25	0.113	A to B	A to IO

3º PISO	B11	58	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B11H8	1	3.73	0.0659	A to B	A to IO
3º PISO	B11	58	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B11H7	0	0.25	-0.0891	A to B	A to IO
3º PISO	B11	58	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B11H8	1	3.73	-0.116	A to B	A to IO
3º PISO	B11	58	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B11H7	0	0.25	0.0357	A to B	A to IO
3º PISO	B11	58	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B11H8	1	3.73	0.0301	A to B	A to IO
3º PISO	B11	58	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B11H7	0	0.25	-0.0455	A to B	A to IO
3º PISO	B11	58	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B11H8	1	3.73	-0.0518	A to B	A to IO
3º PISO	B12	59	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B12H7	0	0.15	0.0777	A to B	A to IO
3º PISO	B12	59	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B12H8	1	3.63	0.1363	A to B	A to IO
3º PISO	B12	59	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B12H7	0	0.15	-0.1125	A to B	A to IO
3º PISO	B12	59	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B12H8	1	3.63	-0.0881	A to B	A to IO
3º PISO	B12	59	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B12H7	0	0.15	0.034	A to B	A to IO
3º PISO	B12	59	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B12H8	1	3.63	0.0665	A to B	A to IO
3º PISO	B12	59	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B12H7	0	0.15	-0.0579	A to B	A to IO
3º PISO	B12	59	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B12H8	1	3.63	-0.0315	A to B	A to IO
3º PISO	B12	59	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B12H7	0	0.15	0.0916	A to B	A to IO
3º PISO	B12	59	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B12H8	1	3.63	0.1421	A to B	A to IO
3º PISO	B12	59	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B12H7	0	0.15	-0.1174	A to B	A to IO
3º PISO	B12	59	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B12H8	1	3.63	-0.1022	A to B	A to IO
3º PISO	B12	59	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B12H7	0	0.15	0.0405	A to B	A to IO
3º PISO	B12	59	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B12H8	1	3.63	0.0977	A to B	A to IO
3º PISO	B12	59	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B12H7	0	0.15	-0.0872	A to B	A to IO
3º PISO	B12	59	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B12H8	1	3.63	-0.0384	A to B	A to IO

3º PISO	B12	59	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B12H7	0	0.15	0.0426	A to B	A to IO
3º PISO	B12	59	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B12H8	1	3.63	0.1368	A to B	A to IO
3º PISO	B12	59	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B12H7	0	0.15	-0.113	A to B	A to IO
3º PISO	B12	59	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B12H8	1	3.63	-0.0478	A to B	A to IO
3º PISO	B12	59	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B12H7	0	0.15	0.0311	A to B	A to IO
3º PISO	B12	59	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B12H8	1	3.63	0.0607	A to B	A to IO
3º PISO	B12	59	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B12H7	0	0.15	-0.0525	A to B	A to IO
3º PISO	B12	59	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B12H8	1	3.63	-0.0284	A to B	A to IO
3º PISO	B13	66	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B13H7	0	0.4	30.2186	A to B	A to IO
3º PISO	B13	66	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B13H8	1	3.04	25.4115	A to B	A to IO
3º PISO	B13	66	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B13H7	0	0.4	-27.5567	A to B	A to IO
3º PISO	B13	66	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B13H8	1	3.04	-29.0007	A to B	A to IO
3º PISO	B13	66	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B13H7	0	0.4	0.085	A to B	A to IO
3º PISO	B13	66	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B13H8	1	3.04	1.1933	A to B	A to IO
3º PISO	B13	66	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B13H7	0	0.4	-1.7717	A to B	A to IO
3º PISO	B13	66	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B13H8	1	3.04	-0.5774	A to B	A to IO
3º PISO	B13	66	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B13H7	0	0.4	31.8116	A to B	A to IO
3º PISO	B13	66	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B13H8	1	3.04	27.4809	A to B	A to IO
3º PISO	B13	66	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B13H7	0	0.4	-29.8033	A to B	A to IO
3º PISO	B13	66	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B13H8	1	3.04	-30.4988	A to B	A to IO
3º PISO	B13	66	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B13H7	0	0.4	0.5606	A to B	A to IO
3º PISO	B13	66	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B13H8	1	3.04	1.2083	A to B	A to IO
3º PISO	B13	66	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B13H7	0	0.4	-1.7877	A to B	A to IO

3º PISO	B13	66	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B13H8	1	3.04	-1.0304	A to B	A to IO
3º PISO	B13	66	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B13H7	0	0.4	30.4767	A to B	A to IO
3º PISO	B13	66	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B13H8	1	3.04	17.0456	A to B	A to IO
3º PISO	B13	66	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B13H7	0	0.4	-18.6504	A to B	A to IO
3º PISO	B13	66	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B13H8	1	3.04	-29.2516	A to B	A to IO
3º PISO	B13	66	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B13H7	0	0.4	-0.0134	A to B	A to IO
3º PISO	B13	66	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B13H8	1	3.04	1.1695	A to B	A to IO
3º PISO	B13	66	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B13H7	0	0.4	-1.7457	A to B	A to IO
3º PISO	B13	66	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B13H8	1	3.04	-0.4833	A to B	A to IO
3º PISO	B14	67	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B14H7	0	0.8	32.3962	A to B	A to IO
3º PISO	B14	67	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B14H8	1	3.26	29.3258	A to B	A to IO
3º PISO	B14	67	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B14H7	0	0.8	-29.6828	A to B	A to IO
3º PISO	B14	67	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B14H8	1	3.26	-32.9933	A to B	A to IO
3º PISO	B14	67	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B14H7	0	0.8	-0.1842	A to B	A to IO
3º PISO	B14	67	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B14H8	1	3.26	-0.1618	A to B	A to IO
3º PISO	B14	67	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B14H7	0	0.8	-0.2831	A to B	A to IO
3º PISO	B14	67	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B14H8	1	3.26	-0.2708	A to B	A to IO
3º PISO	B14	67	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B14H7	0	0.8	34.1077	A to B	A to IO
3º PISO	B14	67	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B14H8	1	3.26	31.7829	A to B	A to IO
3º PISO	B14	67	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B14H7	0	0.8	-32.1562	A to B	A to IO
3º PISO	B14	67	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B14H8	1	3.26	-34.7083	A to B	A to IO
3º PISO	B14	67	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B14H7	0	0.8	-0.1663	A to B	A to IO
3º PISO	B14	67	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B14H8	1	3.26	-0.1432	A to B	A to IO

3º PISO	B14	67	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B14H7	0	0.8	-0.3285	A to B	A to IO
3º PISO	B14	67	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B14H8	1	3.26	-0.2883	A to B	A to IO
3º PISO	B14	67	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B14H7	0	0.8	32.7166	A to B	A to IO
3º PISO	B14	67	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B14H8	1	3.26	19.3618	A to B	A to IO
3º PISO	B14	67	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B14H7	0	0.8	-19.771	A to B	A to IO
3º PISO	B14	67	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B14H8	1	3.26	-33.3214	A to B	A to IO
3º PISO	B14	67	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B14H7	0	0.8	-0.1911	A to B	A to IO
3º PISO	B14	67	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B14H8	1	3.26	-0.1811	A to B	A to IO
3º PISO	B14	67	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B14H7	0	0.8	-0.2781	A to B	A to IO
3º PISO	B14	67	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B14H8	1	3.26	-0.2551	A to B	A to IO
3º PISO	B19	68	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B19H7	0	0.8	25.7723	A to B	A to IO
3º PISO	B19	68	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B19H8	1	3.79	21.5764	A to B	A to IO
3º PISO	B19	68	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B19H7	0	0.8	-23.7612	A to B	A to IO
3º PISO	B19	68	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B19H8	1	3.79	-24.8813	A to B	A to IO
3º PISO	B19	68	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B19H7	0	0.8	0.8397	A to B	A to IO
3º PISO	B19	68	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B19H8	1	3.79	-0.0831	A to B	A to IO
3º PISO	B19	68	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B19H7	0	0.8	-0.6181	A to B	A to IO
3º PISO	B19	68	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B19H8	1	3.79	-1.4338	A to B	A to IO
3º PISO	B19	68	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B19H7	0	0.8	27.0659	A to B	A to IO
3º PISO	B19	68	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B19H8	1	3.79	23.4934	A to B	A to IO
3º PISO	B19	68	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B19H7	0	0.8	-25.8021	A to B	A to IO
3º PISO	B19	68	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B19H8	1	3.79	-26.1059	A to B	A to IO
3º PISO	B19	68	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B19H7	0	0.8	0.8549	A to B	A to IO

3º PISO	B19	68	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B19H8	1	3.79	0.2609	A to B	A to IO
3º PISO	B19	68	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B19H7	0	0.8	-0.9886	A to B	A to IO
3º PISO	B19	68	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B19H8	1	3.79	-1.4483	A to B	A to IO
3º PISO	B19	68	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B19H7	0	0.8	25.9683	A to B	A to IO
3º PISO	B19	68	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B19H8	1	3.79	13.9872	A to B	A to IO
3º PISO	B19	68	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B19H7	0	0.8	-15.6352	A to B	A to IO
3º PISO	B19	68	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B19H8	1	3.79	-25.0793	A to B	A to IO
3º PISO	B19	68	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B19H7	0	0.8	0.8552	A to B	A to IO
3º PISO	B19	68	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B19H8	1	3.79	-0.1702	A to B	A to IO
3º PISO	B19	68	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B19H7	0	0.8	-0.5242	A to B	A to IO
3º PISO	B19	68	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B19H8	1	3.79	-1.4477	A to B	A to IO
3º PISO	B20	75	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B20H7	0	0.4	27.947	A to B	A to IO
3º PISO	B20	75	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B20H8	1	3.04	24.7226	A to B	A to IO
3º PISO	B20	75	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B20H7	0	0.4	-25.6212	A to B	A to IO
3º PISO	B20	75	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B20H8	1	3.04	-27.9161	A to B	A to IO
3º PISO	B20	75	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B20H7	0	0.4	0.3539	A to B	A to IO
3º PISO	B20	75	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B20H8	1	3.04	0.9548	A to B	A to IO
3º PISO	B20	75	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B20H7	0	0.4	-1.3695	A to B	A to IO
3º PISO	B20	75	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B20H8	1	3.04	-0.7605	A to B	A to IO
3º PISO	B20	75	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B20H7	0	0.4	29.4172	A to B	A to IO
3º PISO	B20	75	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B20H8	1	3.04	26.7591	A to B	A to IO
3º PISO	B20	75	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B20H7	0	0.4	-27.7204	A to B	A to IO
3º PISO	B20	75	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B20H8	1	3.04	-29.3749	A to B	A to IO

3º PISO	B20	75	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B20H7	0	0.4	0.3721	A to B	A to IO
3º PISO	B20	75	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B20H8	1	3.04	1.3946	A to B	A to IO
3º PISO	B20	75	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B20H7	0	0.4	-1.8123	A to B	A to IO
3º PISO	B20	75	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B20H8	1	3.04	-0.7782	A to B	A to IO
3º PISO	B20	75	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B20H7	0	0.4	28.2147	A to B	A to IO
3º PISO	B20	75	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B20H8	1	3.04	16.4968	A to B	A to IO
3º PISO	B20	75	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B20H7	0	0.4	-17.231	A to B	A to IO
3º PISO	B20	75	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B20H8	1	3.04	-28.1873	A to B	A to IO
3º PISO	B20	75	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B20H7	0	0.4	0.3692	A to B	A to IO
3º PISO	B20	75	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B20H8	1	3.04	0.8449	A to B	A to IO
3º PISO	B20	75	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B20H7	0	0.4	-1.2591	A to B	A to IO
3º PISO	B20	75	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B20H8	1	3.04	-0.7761	A to B	A to IO
3º PISO	B21	76	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B21H7	0	0.8	32.452	A to B	A to IO
3º PISO	B21	76	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B21H8	1	3.26	29.377	A to B	A to IO
3º PISO	B21	76	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B21H7	0	0.8	-29.7545	A to B	A to IO
3º PISO	B21	76	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B21H8	1	3.26	-32.9179	A to B	A to IO
3º PISO	B21	76	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B21H7	0	0.8	-0.1416	A to B	A to IO
3º PISO	B21	76	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B21H8	1	3.26	-0.1439	A to B	A to IO
3º PISO	B21	76	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B21H7	0	0.8	-0.2416	A to B	A to IO
3º PISO	B21	76	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B21H8	1	3.26	-0.2494	A to B	A to IO
3º PISO	B21	76	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B21H7	0	0.8	34.1236	A to B	A to IO
3º PISO	B21	76	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B21H8	1	3.26	31.8678	A to B	A to IO
3º PISO	B21	76	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B21H7	0	0.8	-32.2561	A to B	A to IO

3º PISO	B21	76	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B21H8	1	3.26	-34.5947	A to B	A to IO
3º PISO	B21	76	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B21H7	0	0.8	-0.1288	A to B	A to IO
3º PISO	B21	76	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B21H8	1	3.26	-0.0937	A to B	A to IO
3º PISO	B21	76	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B21H7	0	0.8	-0.2644	A to B	A to IO
3º PISO	B21	76	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B21H8	1	3.26	-0.2714	A to B	A to IO
3º PISO	B21	76	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B21H7	0	0.8	32.7147	A to B	A to IO
3º PISO	B21	76	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B21H8	1	3.26	19.3986	A to B	A to IO
3º PISO	B21	76	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B21H7	0	0.8	-19.7782	A to B	A to IO
3º PISO	B21	76	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B21H8	1	3.26	-33.1947	A to B	A to IO
3º PISO	B21	76	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B21H7	0	0.8	-0.1601	A to B	A to IO
3º PISO	B21	76	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B21H8	1	3.26	-0.147	A to B	A to IO
3º PISO	B21	76	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B21H7	0	0.8	-0.2262	A to B	A to IO
3º PISO	B21	76	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B21H8	1	3.26	-0.2421	A to B	A to IO
3º PISO	B26	77	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B26H7	0	0.8	26.1854	A to B	A to IO
3º PISO	B26	77	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B26H8	1	3.79	23.8297	A to B	A to IO
3º PISO	B26	77	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B26H7	0	0.8	-24.3357	A to B	A to IO
3º PISO	B26	77	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B26H8	1	3.79	-26.9329	A to B	A to IO
3º PISO	B26	77	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B26H7	0	0.8	0.7976	A to B	A to IO
3º PISO	B26	77	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B26H8	1	3.79	0.1335	A to B	A to IO
3º PISO	B26	77	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B26H7	0	0.8	-0.7447	A to B	A to IO
3º PISO	B26	77	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B26H8	1	3.79	-1.3977	A to B	A to IO
3º PISO	B26	77	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B26H7	0	0.8	27.5171	A to B	A to IO
3º PISO	B26	77	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B26H8	1	3.79	26.0468	A to B	A to IO

3º PISO	B26	77	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B26H7	0	0.8	-26.5562	A to B	A to IO
3º PISO	B26	77	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B26H8	1	3.79	-28.2817	A to B	A to IO
3º PISO	B26	77	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B26H7	0	0.8	1.1886	A to B	A to IO
3º PISO	B26	77	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B26H8	1	3.79	0.1441	A to B	A to IO
3º PISO	B26	77	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B26H7	0	0.8	-0.7551	A to B	A to IO
3º PISO	B26	77	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B26H8	1	3.79	-1.7864	A to B	A to IO
3º PISO	B26	77	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B26H7	0	0.8	26.3885	A to B	A to IO
3º PISO	B26	77	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B26H8	1	3.79	15.3761	A to B	A to IO
3º PISO	B26	77	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B26H7	0	0.8	-15.94	A to B	A to IO
3º PISO	B26	77	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B26H8	1	3.79	-27.1475	A to B	A to IO
3º PISO	B26	77	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B26H7	0	0.8	0.7162	A to B	A to IO
3º PISO	B26	77	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B26H8	1	3.79	0.112	A to B	A to IO
3º PISO	B26	77	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B26H7	0	0.8	-0.7238	A to B	A to IO
3º PISO	B26	77	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B26H8	1	3.79	-1.317	A to B	A to IO
3º PISO	B28	84	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B28H7	0	0	0.0709	A to B	A to IO
3º PISO	B28	84	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B28H8	1	3.84	-0.1169	A to B	A to IO
3º PISO	B28	84	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B28H7	0	0	-0.2086	A to B	A to IO
3º PISO	B28	84	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B28H8	1	3.84	-0.3119	A to B	A to IO
3º PISO	B28	84	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B28H7	0	0	-0.0738	A to B	A to IO
3º PISO	B28	84	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B28H8	1	3.84	-0.1898	A to B	A to IO
3º PISO	B28	84	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B28H7	0	0	-0.0868	A to B	A to IO
3º PISO	B28	84	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B28H8	1	3.84	-0.2112	A to B	A to IO
3º PISO	B28	84	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B28H7	0	0	0.0786	A to B	A to IO

3º PISO	B28	84	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B28H8	1	3.84	-0.1107	A to B	A to IO
3º PISO	B28	84	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B28H7	0	0	-0.2193	A to B	A to IO
3º PISO	B28	84	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B28H8	1	3.84	-0.317	A to B	A to IO
3º PISO	B28	84	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B28H7	0	0	-0.0706	A to B	A to IO
3º PISO	B28	84	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B28H8	1	3.84	-0.1896	A to B	A to IO
3º PISO	B28	84	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B28H7	0	0	-0.0869	A to B	A to IO
3º PISO	B28	84	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B28H8	1	3.84	-0.2167	A to B	A to IO
3º PISO	B28	84	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B28H7	0	0	0.0723	A to B	A to IO
3º PISO	B28	84	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B28H8	1	3.84	-0.1441	A to B	A to IO
3º PISO	B28	84	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B28H7	0	0	-0.166	A to B	A to IO
3º PISO	B28	84	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B28H8	1	3.84	-0.3127	A to B	A to IO
3º PISO	B28	84	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B28H7	0	0	-0.0745	A to B	A to IO
3º PISO	B28	84	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B28H8	1	3.84	-0.1898	A to B	A to IO
3º PISO	B28	84	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B28H7	0	0	-0.0867	A to B	A to IO
3º PISO	B28	84	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B28H8	1	3.84	-0.21	A to B	A to IO
3º PISO	B30	85	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B30H7	0	0	-0.187	A to B	A to IO
3º PISO	B30	85	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B30H8	1	4.06	-0.1785	A to B	A to IO
3º PISO	B30	85	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B30H7	0	0	-0.2964	A to B	A to IO
3º PISO	B30	85	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B30H8	1	4.06	-0.2692	A to B	A to IO
3º PISO	B30	85	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B30H7	0	0	-0.2289	A to B	A to IO
3º PISO	B30	85	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B30H8	1	4.06	-0.2134	A to B	A to IO
3º PISO	B30	85	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B30H7	0	0	-0.2452	A to B	A to IO
3º PISO	B30	85	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B30H8	1	4.06	-0.2256	A to B	A to IO

3º PISO	B30	85	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B30H7	0	0	-0.1835	A to B	A to IO
3º PISO	B30	85	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B30H8	1	4.06	-0.1764	A to B	A to IO
3º PISO	B30	85	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B30H7	0	0	-0.3016	A to B	A to IO
3º PISO	B30	85	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B30H8	1	4.06	-0.2727	A to B	A to IO
3º PISO	B30	85	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B30H7	0	0	-0.2288	A to B	A to IO
3º PISO	B30	85	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B30H8	1	4.06	-0.2133	A to B	A to IO
3º PISO	B30	85	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B30H7	0	0	-0.2493	A to B	A to IO
3º PISO	B30	85	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B30H8	1	4.06	-0.2288	A to B	A to IO
3º PISO	B30	85	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B30H7	0	0	-0.1861	A to B	A to IO
3º PISO	B30	85	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B30H8	1	4.06	-0.1919	A to B	A to IO
3º PISO	B30	85	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B30H7	0	0	-0.2758	A to B	A to IO
3º PISO	B30	85	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B30H8	1	4.06	-0.2706	A to B	A to IO
3º PISO	B30	85	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B30H7	0	0	-0.2288	A to B	A to IO
3º PISO	B30	85	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B30H8	1	4.06	-0.2134	A to B	A to IO
3º PISO	B30	85	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B30H7	0	0	-0.2442	A to B	A to IO
3º PISO	B30	85	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B30H8	1	4.06	-0.2249	A to B	A to IO
3º PISO	B32	86	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B32H7	0	0	-0.1446	A to B	A to IO
3º PISO	B32	86	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B32H8	1	4.19	0.0266	A to B	A to IO
3º PISO	B32	86	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B32H7	0	0	-0.3986	A to B	A to IO
3º PISO	B32	86	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B32H8	1	4.19	-0.2331	A to B	A to IO
3º PISO	B32	86	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B32H7	0	0	-0.2617	A to B	A to IO
3º PISO	B32	86	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B32H8	1	4.19	-0.0925	A to B	A to IO
3º PISO	B32	86	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B32H7	0	0	-0.2849	A to B	A to IO

3º PISO	B32	86	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B32H8	1	4.19	-0.1038	A to B	A to IO
3º PISO	B32	86	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B32H7	0	0	-0.1391	A to B	A to IO
3º PISO	B32	86	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B32H8	1	4.19	0.0378	A to B	A to IO
3º PISO	B32	86	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B32H7	0	0	-0.4106	A to B	A to IO
3º PISO	B32	86	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B32H8	1	4.19	-0.2398	A to B	A to IO
3º PISO	B32	86	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B32H7	0	0	-0.2615	A to B	A to IO
3º PISO	B32	86	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B32H8	1	4.19	-0.0896	A to B	A to IO
3º PISO	B32	86	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B32H7	0	0	-0.2908	A to B	A to IO
3º PISO	B32	86	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B32H8	1	4.19	-0.1039	A to B	A to IO
3º PISO	B32	86	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B32H7	0	0	-0.1448	A to B	A to IO
3º PISO	B32	86	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B32H8	1	4.19	-0.0158	A to B	A to IO
3º PISO	B32	86	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B32H7	0	0	-0.3554	A to B	A to IO
3º PISO	B32	86	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B32H8	1	4.19	-0.234	A to B	A to IO
3º PISO	B32	86	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B32H7	0	0	-0.2616	A to B	A to IO
3º PISO	B32	86	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B32H8	1	4.19	-0.0932	A to B	A to IO
3º PISO	B32	86	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B32H7	0	0	-0.2835	A to B	A to IO
3º PISO	B32	86	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B32H8	1	4.19	-0.104	A to B	A to IO
3º PISO	B1	21	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B1H11	0	0.3	-5.7065	A to B	A to IO
3º PISO	B1	21	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B1H12	1	7.46	-4.8159	A to B	A to IO
3º PISO	B1	21	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B1H11	0	0.3	-9.321	A to B	A to IO
3º PISO	B1	21	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B1H12	1	7.46	-8.0508	A to B	A to IO
3º PISO	B1	21	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B1H11	0	0.3	-5.8703	A to B	A to IO
3º PISO	B1	21	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B1H12	1	7.46	-5.0759	A to B	A to IO

3º PISO	B1	21	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B1H11	0	0.3	-8.5592	A to B	A to IO
3º PISO	B1	21	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B1H12	1	7.46	-7.7532	A to B	A to IO
3º PISO	B1	21	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B1H11	0	0.3	-5.5079	A to B	A to IO
3º PISO	B1	21	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B1H12	1	7.46	-4.7497	A to B	A to IO
3º PISO	B1	21	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B1H11	0	0.3	-9.4147	A to B	A to IO
3º PISO	B1	21	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B1H12	1	7.46	-8.1512	A to B	A to IO
3º PISO	B1	21	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B1H11	0	0.3	-5.8131	A to B	A to IO
3º PISO	B1	21	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B1H12	1	7.46	-4.3625	A to B	A to IO
3º PISO	B1	21	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B1H11	0	0.3	-9.2756	A to B	A to IO
3º PISO	B1	21	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B1H12	1	7.46	-7.8094	A to B	A to IO
3º PISO	B1	21	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B1H11	0	0.3	-6.2725	A to B	A to IO
3º PISO	B1	21	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B1H12	1	7.46	-5.2695	A to B	A to IO
3º PISO	B1	21	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B1H11	0	0.3	-9.301	A to B	A to IO
3º PISO	B1	21	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B1H12	1	7.46	-7.9793	A to B	A to IO
3º PISO	B1	21	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B1H11	0	0.3	-5.8808	A to B	A to IO
3º PISO	B1	21	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B1H12	1	7.46	-5.237	A to B	A to IO
3º PISO	B1	21	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B1H11	0	0.3	-8.3987	A to B	A to IO
3º PISO	B1	21	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B1H12	1	7.46	-7.7443	A to B	A to IO
3º PISO	B2	36	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B2H11	0	0.3	-6.1758	A to B	A to IO
3º PISO	B2	36	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B2H12	1	7.46	-5.2012	A to B	A to IO
3º PISO	B2	36	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B2H11	0	0.3	-9.0955	A to B	A to IO
3º PISO	B2	36	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B2H12	1	7.46	-7.9065	A to B	A to IO
3º PISO	B2	36	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B2H11	0	0.3	-6.1863	A to B	A to IO

3º PISO	B2	36	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B2H12	1	7.46	-5.3515	A to B	A to IO
3º PISO	B2	36	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B2H11	0	0.3	-8.8907	A to B	A to IO
3º PISO	B2	36	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B2H12	1	7.46	-8.0512	A to B	A to IO
3º PISO	B2	36	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B2H11	0	0.3	-6.0871	A to B	A to IO
3º PISO	B2	36	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B2H12	1	7.46	-5.1209	A to B	A to IO
3º PISO	B2	36	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B2H11	0	0.3	-9.1877	A to B	A to IO
3º PISO	B2	36	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B2H12	1	7.46	-8.0426	A to B	A to IO
3º PISO	B2	36	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B2H11	0	0.3	-6.1307	A to B	A to IO
3º PISO	B2	36	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B2H12	1	7.46	-4.6335	A to B	A to IO
3º PISO	B2	36	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B2H11	0	0.3	-9.6098	A to B	A to IO
3º PISO	B2	36	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B2H12	1	7.46	-8.1075	A to B	A to IO
3º PISO	B2	36	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B2H11	0	0.3	-6.1405	A to B	A to IO
3º PISO	B2	36	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B2H12	1	7.46	-5.1729	A to B	A to IO
3º PISO	B2	36	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B2H11	0	0.3	-8.6234	A to B	A to IO
3º PISO	B2	36	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B2H12	1	7.46	-7.4161	A to B	A to IO
3º PISO	B2	36	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B2H11	0	0.3	-6.1947	A to B	A to IO
3º PISO	B2	36	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B2H12	1	7.46	-5.5128	A to B	A to IO
3º PISO	B2	36	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B2H11	0	0.3	-8.728	A to B	A to IO
3º PISO	B2	36	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B2H12	1	7.46	-8.0414	A to B	A to IO
2º PISO	B15	51	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B15H8	0	0	-0.0378	A to B	A to IO
2º PISO	B15	51	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B15H8	0	0	-0.0638	A to B	A to IO
2º PISO	B15	51	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B15H8	0	0	-0.0512	A to B	A to IO
2º PISO	B15	51	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B15H8	0	0	-0.0521	A to B	A to IO

2º PISO	B15	51	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B15H8	0	0	-0.0355	A to B	A to IO
2º PISO	B15	51	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B15H8	0	0	-0.064	A to B	A to IO
2º PISO	B15	51	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B15H8	0	0	-0.0511	A to B	A to IO
2º PISO	B15	51	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B15H8	0	0	-0.0523	A to B	A to IO
2º PISO	B15	51	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B15H8	0	0	-0.0428	A to B	A to IO
2º PISO	B15	51	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B15H8	0	0	-0.0637	A to B	A to IO
2º PISO	B15	51	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B15H8	0	0	-0.0512	A to B	A to IO
2º PISO	B15	51	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B15H8	0	0	-0.052	A to B	A to IO
2º PISO	B16	27	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B16H8	0	0	0.0246	A to B	A to IO
2º PISO	B16	27	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B16H8	0	0	-0.0025	A to B	A to IO
2º PISO	B16	27	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B16H8	0	0	0.0119	A to B	A to IO
2º PISO	B16	27	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B16H8	0	0	0.0066	A to B	A to IO
2º PISO	B16	27	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B16H8	0	0	0.0248	A to B	A to IO
2º PISO	B16	27	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B16H8	0	0	-0.004	A to B	A to IO
2º PISO	B16	27	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B16H8	0	0	0.0133	A to B	A to IO
2º PISO	B16	27	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B16H8	0	0	0.0065	A to B	A to IO
2º PISO	B16	27	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B16H8	0	0	0.0245	A to B	A to IO
2º PISO	B16	27	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B16H8	0	0	0.0016	A to B	A to IO
2º PISO	B16	27	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B16H8	0	0	0.0116	A to B	A to IO
2º PISO	B16	27	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B16H8	0	0	0.0066	A to B	A to IO
2º PISO	B17	38	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B17H8	0	0	0.0225	A to B	A to IO
2º PISO	B17	38	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B17H8	0	0	-0.0032	A to B	A to IO
2º PISO	B17	38	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B17H8	0	0	0.0123	A to B	A to IO

2º PISO	B17	38	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B17H8	0	0	0.0076	A to B	A to IO
2º PISO	B17	38	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B17H8	0	0	0.0235	A to B	A to IO
2º PISO	B17	38	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B17H8	0	0	-0.0036	A to B	A to IO
2º PISO	B17	38	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B17H8	0	0	0.0135	A to B	A to IO
2º PISO	B17	38	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B17H8	0	0	0.0075	A to B	A to IO
2º PISO	B17	38	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B17H8	0	0	0.018	A to B	A to IO
2º PISO	B17	38	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B17H8	0	0	-0.0031	A to B	A to IO
2º PISO	B17	38	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B17H8	0	0	0.012	A to B	A to IO
2º PISO	B17	38	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B17H8	0	0	0.0076	A to B	A to IO
2º PISO	B18	60	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B18H8	0	0	-0.0413	A to B	A to IO
2º PISO	B18	60	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B18H8	0	0	-0.0685	A to B	A to IO
2º PISO	B18	60	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B18H8	0	0	-0.0568	A to B	A to IO
2º PISO	B18	60	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B18H8	0	0	-0.0575	A to B	A to IO
2º PISO	B18	60	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B18H8	0	0	-0.0405	A to B	A to IO
2º PISO	B18	60	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B18H8	0	0	-0.0691	A to B	A to IO
2º PISO	B18	60	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B18H8	0	0	-0.0567	A to B	A to IO
2º PISO	B18	60	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B18H8	0	0	-0.0577	A to B	A to IO
2º PISO	B18	60	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B18H8	0	0	-0.0411	A to B	A to IO
2º PISO	B18	60	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B18H8	0	0	-0.0647	A to B	A to IO
2º PISO	B18	60	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B18H8	0	0	-0.0568	A to B	A to IO
2º PISO	B18	60	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B18H8	0	0	-0.0574	A to B	A to IO
2º PISO	B9	52	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B9H9	0	0.25	0.1125	A to B	A to IO
2º PISO	B9	52	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B9H10	1	3.73	0.1381	A to B	A to IO

2º PISO	B9	52	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B9H9	0	0.25	-0.1451	A to B	A to IO
2º PISO	B9	52	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B9H10	1	3.73	-0.1132	A to B	A to IO
2º PISO	B9	52	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B9H9	0	0.25	0.0969	A to B	A to IO
2º PISO	B9	52	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B9H10	1	3.73	0.0752	A to B	A to IO
2º PISO	B9	52	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B9H9	0	0.25	-0.0883	A to B	A to IO
2º PISO	B9	52	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B9H10	1	3.73	-0.0988	A to B	A to IO
2º PISO	B9	52	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B9H9	0	0.25	0.1223	A to B	A to IO
2º PISO	B9	52	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B9H10	1	3.73	0.1455	A to B	A to IO
2º PISO	B9	52	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B9H9	0	0.25	-0.1518	A to B	A to IO
2º PISO	B9	52	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B9H10	1	3.73	-0.1213	A to B	A to IO
2º PISO	B9	52	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B9H9	0	0.25	0.1022	A to B	A to IO
2º PISO	B9	52	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B9H10	1	3.73	0.1231	A to B	A to IO
2º PISO	B9	52	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B9H9	0	0.25	-0.1392	A to B	A to IO
2º PISO	B9	52	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B9H10	1	3.73	-0.1039	A to B	A to IO
2º PISO	B9	52	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B9H9	0	0.25	0.0723	A to B	A to IO
2º PISO	B9	52	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B9H10	1	3.73	0.1391	A to B	A to IO
2º PISO	B9	52	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B9H9	0	0.25	-0.1462	A to B	A to IO
2º PISO	B9	52	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B9H10	1	3.73	-0.0762	A to B	A to IO
2º PISO	B9	52	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B9H9	0	0.25	0.0953	A to B	A to IO
2º PISO	B9	52	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B9H10	1	3.73	0.0648	A to B	A to IO
2º PISO	B9	52	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B9H9	0	0.25	-0.0772	A to B	A to IO
2º PISO	B9	52	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B9H10	1	3.73	-0.0972	A to B	A to IO
2º PISO	B10	53	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B10H9	0	0.15	0.094	A to B	A to IO

2º PISO	B10	53	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B10H10	1	3.63	0.1015	A to B	A to IO
2º PISO	B10	53	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B10H9	0	0.15	-0.0929	A to B	A to IO
2º PISO	B10	53	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B10H10	1	3.63	-0.0929	A to B	A to IO
2º PISO	B10	53	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B10H9	0	0.15	0.0811	A to B	A to IO
2º PISO	B10	53	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B10H10	1	3.63	0.095	A to B	A to IO
2º PISO	B10	53	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B10H9	0	0.15	-0.0923	A to B	A to IO
2º PISO	B10	53	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B10H10	1	3.63	-0.0841	A to B	A to IO
2º PISO	B10	53	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B10H9	0	0.15	0.0997	A to B	A to IO
2º PISO	B10	53	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B10H10	1	3.63	0.1094	A to B	A to IO
2º PISO	B10	53	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B10H9	0	0.15	-0.098	A to B	A to IO
2º PISO	B10	53	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B10H10	1	3.63	-0.0981	A to B	A to IO
2º PISO	B10	53	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B10H9	0	0.15	0.0859	A to B	A to IO
2º PISO	B10	53	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B10H10	1	3.63	0.1435	A to B	A to IO
2º PISO	B10	53	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B10H9	0	0.15	-0.1397	A to B	A to IO
2º PISO	B10	53	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B10H10	1	3.63	-0.0886	A to B	A to IO
2º PISO	B10	53	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B10H9	0	0.15	0.0952	A to B	A to IO
2º PISO	B10	53	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B10H10	1	3.63	0.0711	A to B	A to IO
2º PISO	B10	53	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B10H9	0	0.15	-0.0661	A to B	A to IO
2º PISO	B10	53	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B10H10	1	3.63	-0.0944	A to B	A to IO
2º PISO	B10	53	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B10H9	0	0.15	0.0799	A to B	A to IO
2º PISO	B10	53	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B10H10	1	3.63	0.0842	A to B	A to IO
2º PISO	B10	53	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B10H9	0	0.15	-0.0818	A to B	A to IO
2º PISO	B10	53	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B10H10	1	3.63	-0.083	A to B	A to IO

2º PISO	B11	61	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B11H9	0	0.25	0.1033	A to B	A to IO
2º PISO	B11	61	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B11H10	1	3.73	0.0989	A to B	A to IO
2º PISO	B11	61	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B11H9	0	0.25	-0.11	A to B	A to IO
2º PISO	B11	61	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B11H10	1	3.73	-0.0994	A to B	A to IO
2º PISO	B11	61	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B11H9	0	0.25	0.0922	A to B	A to IO
2º PISO	B11	61	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B11H10	1	3.73	0.0747	A to B	A to IO
2º PISO	B11	61	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B11H9	0	0.25	-0.0855	A to B	A to IO
2º PISO	B11	61	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B11H10	1	3.73	-0.0982	A to B	A to IO
2º PISO	B11	61	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B11H9	0	0.25	0.108	A to B	A to IO
2º PISO	B11	61	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B11H10	1	3.73	0.1114	A to B	A to IO
2º PISO	B11	61	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B11H9	0	0.25	-0.1205	A to B	A to IO
2º PISO	B11	61	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B11H10	1	3.73	-0.1038	A to B	A to IO
2º PISO	B11	61	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B11H9	0	0.25	0.0966	A to B	A to IO
2º PISO	B11	61	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B11H10	1	3.73	0.1216	A to B	A to IO
2º PISO	B11	61	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B11H9	0	0.25	-0.1334	A to B	A to IO
2º PISO	B11	61	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B11H10	1	3.73	-0.1027	A to B	A to IO
2º PISO	B11	61	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B11H9	0	0.25	0.104	A to B	A to IO
2º PISO	B11	61	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B11H10	1	3.73	0.0598	A to B	A to IO
2º PISO	B11	61	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B11H9	0	0.25	-0.072	A to B	A to IO
2º PISO	B11	61	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B11H10	1	3.73	-0.0999	A to B	A to IO
2º PISO	B11	61	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B11H9	0	0.25	0.0912	A to B	A to IO
2º PISO	B11	61	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B11H10	1	3.73	0.0642	A to B	A to IO
2º PISO	B11	61	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B11H9	0	0.25	-0.0747	A to B	A to IO

2º PISO	B11	61	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B11H10	1	3.73	-0.097	A to B	A to IO
2º PISO	B12	62	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B12H9	0	0.15	0.0594	A to B	A to IO
2º PISO	B12	62	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B12H10	1	3.63	0.0928	A to B	A to IO
2º PISO	B12	62	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B12H9	0	0.15	-0.0812	A to B	A to IO
2º PISO	B12	62	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B12H10	1	3.63	-0.0615	A to B	A to IO
2º PISO	B12	62	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B12H9	0	0.15	0.0804	A to B	A to IO
2º PISO	B12	62	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B12H10	1	3.63	0.0976	A to B	A to IO
2º PISO	B12	62	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B12H9	0	0.15	-0.0925	A to B	A to IO
2º PISO	B12	62	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B12H10	1	3.63	-0.0863	A to B	A to IO
2º PISO	B12	62	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B12H9	0	0.15	0.0729	A to B	A to IO
2º PISO	B12	62	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B12H10	1	3.63	0.0969	A to B	A to IO
2º PISO	B12	62	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B12H9	0	0.15	-0.0851	A to B	A to IO
2º PISO	B12	62	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B12H10	1	3.63	-0.0733	A to B	A to IO
2º PISO	B12	62	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B12H9	0	0.15	0.0853	A to B	A to IO
2º PISO	B12	62	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B12H10	1	3.63	0.1478	A to B	A to IO
2º PISO	B12	62	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B12H9	0	0.15	-0.1398	A to B	A to IO
2º PISO	B12	62	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B12H10	1	3.63	-0.0914	A to B	A to IO
2º PISO	B12	62	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B12H9	0	0.15	0.0306	A to B	A to IO
2º PISO	B12	62	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B12H10	1	3.63	0.0933	A to B	A to IO
2º PISO	B12	62	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B12H9	0	0.15	-0.0813	A to B	A to IO
2º PISO	B12	62	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B12H10	1	3.63	-0.0335	A to B	A to IO
2º PISO	B12	62	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B12H9	0	0.15	0.079	A to B	A to IO
2º PISO	B12	62	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B12H10	1	3.63	0.0865	A to B	A to IO

2º PISO	B12	62	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B12H9	0	0.15	-0.0821	A to B	A to IO
2º PISO	B12	62	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B12H10	1	3.63	-0.0848	A to B	A to IO
2º PISO	B13	69	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B13H9	0	0.4	51.429	A to B	A to IO
2º PISO	B13	69	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B13H10	1	3.04	42.1879	A to B	A to IO
2º PISO	B13	69	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B13H9	0	0.4	-46.8227	A to B	A to IO
2º PISO	B13	69	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B13H10	1	3.04	-48.8454	A to B	A to IO
2º PISO	B13	69	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B13H9	0	0.4	-0.092	A to B	A to IO
2º PISO	B13	69	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B13H10	1	3.04	1.2898	A to B	A to IO
2º PISO	B13	69	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B13H9	0	0.4	-2.5883	A to B	A to IO
2º PISO	B13	69	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B13H10	1	3.04	-1.0099	A to B	A to IO
2º PISO	B13	69	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B13H9	0	0.4	53.711	A to B	A to IO
2º PISO	B13	69	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B13H10	1	3.04	46.4496	A to B	A to IO
2º PISO	B13	69	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B13H9	0	0.4	-51.4351	A to B	A to IO
2º PISO	B13	69	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B13H10	1	3.04	-50.9883	A to B	A to IO
2º PISO	B13	69	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B13H9	0	0.4	0.5413	A to B	A to IO
2º PISO	B13	69	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B13H10	1	3.04	1.3118	A to B	A to IO
2º PISO	B13	69	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B13H9	0	0.4	-2.614	A to B	A to IO
2º PISO	B13	69	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B13H10	1	3.04	-1.5917	A to B	A to IO
2º PISO	B13	69	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B13H9	0	0.4	51.9244	A to B	A to IO
2º PISO	B13	69	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B13H10	1	3.04	27.4349	A to B	A to IO
2º PISO	B13	69	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B13H9	0	0.4	-30.8012	A to B	A to IO
2º PISO	B13	69	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B13H10	1	3.04	-49.3167	A to B	A to IO
2º PISO	B13	69	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B13H9	0	0.4	-0.2219	A to B	A to IO

2º PISO	B13	69	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B13H10	1	3.04	1.2684	A to B	A to IO
2º PISO	B13	69	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B13H9	0	0.4	-2.5645	A to B	A to IO
2º PISO	B13	69	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B13H10	1	3.04	-0.8903	A to B	A to IO
2º PISO	B14	70	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B14H9	0	0.8	53.7134	A to B	A to IO
2º PISO	B14	70	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B14H10	1	3.26	47.8701	A to B	A to IO
2º PISO	B14	70	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B14H9	0	0.8	-48.8264	A to B	A to IO
2º PISO	B14	70	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B14H10	1	3.26	-54.851	A to B	A to IO
2º PISO	B14	70	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B14H9	0	0.8	-0.4428	A to B	A to IO
2º PISO	B14	70	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B14H10	1	3.26	-0.4105	A to B	A to IO
2º PISO	B14	70	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B14H9	0	0.8	-0.5741	A to B	A to IO
2º PISO	B14	70	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B14H10	1	3.26	-0.5434	A to B	A to IO
2º PISO	B14	70	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B14H9	0	0.8	56.1948	A to B	A to IO
2º PISO	B14	70	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B14H10	1	3.26	52.8629	A to B	A to IO
2º PISO	B14	70	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B14H9	0	0.8	-53.8294	A to B	A to IO
2º PISO	B14	70	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B14H10	1	3.26	-57.3636	A to B	A to IO
2º PISO	B14	70	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B14H9	0	0.8	-0.4269	A to B	A to IO
2º PISO	B14	70	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B14H10	1	3.26	-0.4023	A to B	A to IO
2º PISO	B14	70	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B14H9	0	0.8	-0.5858	A to B	A to IO
2º PISO	B14	70	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B14H10	1	3.26	-0.552	A to B	A to IO
2º PISO	B14	70	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B14H9	0	0.8	54.2936	A to B	A to IO
2º PISO	B14	70	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B14H10	1	3.26	30.9211	A to B	A to IO
2º PISO	B14	70	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B14H9	0	0.8	-31.8598	A to B	A to IO
2º PISO	B14	70	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B14H10	1	3.26	-55.4315	A to B	A to IO

2º PISO	B14	70	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B14H9	0	0.8	-0.4403	A to B	A to IO
2º PISO	B14	70	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B14H10	1	3.26	-0.4269	A to B	A to IO
2º PISO	B14	70	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B14H9	0	0.8	-0.5677	A to B	A to IO
2º PISO	B14	70	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B14H10	1	3.26	-0.5363	A to B	A to IO
2º PISO	B19	71	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B19H9	0	0.8	43.5285	A to B	A to IO
2º PISO	B19	71	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B19H10	1	3.79	38.4018	A to B	A to IO
2º PISO	B19	71	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B19H9	0	0.8	-40.1954	A to B	A to IO
2º PISO	B19	71	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B19H10	1	3.79	-44.671	A to B	A to IO
2º PISO	B19	71	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B19H9	0	0.8	0.7837	A to B	A to IO
2º PISO	B19	71	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B19H10	1	3.79	-0.422	A to B	A to IO
2º PISO	B19	71	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B19H9	0	0.8	-1.1325	A to B	A to IO
2º PISO	B19	71	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B19H10	1	3.79	-2.3373	A to B	A to IO
2º PISO	B19	71	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B19H9	0	0.8	45.5244	A to B	A to IO
2º PISO	B19	71	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B19H10	1	3.79	42.5547	A to B	A to IO
2º PISO	B19	71	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B19H9	0	0.8	-44.3604	A to B	A to IO
2º PISO	B19	71	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B19H10	1	3.79	-46.6768	A to B	A to IO
2º PISO	B19	71	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B19H9	0	0.8	0.8024	A to B	A to IO
2º PISO	B19	71	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B19H10	1	3.79	0.0605	A to B	A to IO
2º PISO	B19	71	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B19H9	0	0.8	-1.6144	A to B	A to IO
2º PISO	B19	71	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B19H10	1	3.79	-2.3563	A to B	A to IO
2º PISO	B19	71	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B19H9	0	0.8	43.9074	A to B	A to IO
2º PISO	B19	71	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B19H10	1	3.79	24.3056	A to B	A to IO
2º PISO	B19	71	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B19H9	0	0.8	-26.0639	A to B	A to IO

2º PISO	B19	71	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B19H10	1	3.79	-45.0639	A to B	A to IO
2º PISO	B19	71	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B19H9	0	0.8	0.8185	A to B	A to IO
2º PISO	B19	71	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B19H10	1	3.79	-0.5467	A to B	A to IO
2º PISO	B19	71	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B19H9	0	0.8	-1.0076	A to B	A to IO
2º PISO	B19	71	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B19H10	1	3.79	-2.3712	A to B	A to IO
2º PISO	B20	78	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B20H9	0	0.4	50.1139	A to B	A to IO
2º PISO	B20	78	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B20H10	1	3.04	41.6454	A to B	A to IO
2º PISO	B20	78	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B20H9	0	0.4	-45.3369	A to B	A to IO
2º PISO	B20	78	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B20H10	1	3.04	-47.886	A to B	A to IO
2º PISO	B20	78	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B20H9	0	0.4	0.3131	A to B	A to IO
2º PISO	B20	78	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B20H10	1	3.04	1.0831	A to B	A to IO
2º PISO	B20	78	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B20H9	0	0.4	-2.1165	A to B	A to IO
2º PISO	B20	78	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B20H10	1	3.04	-1.184	A to B	A to IO
2º PISO	B20	78	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B20H9	0	0.4	52.4868	A to B	A to IO
2º PISO	B20	78	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B20H10	1	3.04	45.9596	A to B	A to IO
2º PISO	B20	78	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B20H9	0	0.4	-49.9686	A to B	A to IO
2º PISO	B20	78	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B20H10	1	3.04	-50.0876	A to B	A to IO
2º PISO	B20	78	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B20H9	0	0.4	0.3366	A to B	A to IO
2º PISO	B20	78	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B20H10	1	3.04	1.6583	A to B	A to IO
2º PISO	B20	78	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B20H9	0	0.4	-2.7339	A to B	A to IO
2º PISO	B20	78	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B20H10	1	3.04	-1.2054	A to B	A to IO
2º PISO	B20	78	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B20H9	0	0.4	50.7018	A to B	A to IO
2º PISO	B20	78	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B20H10	1	3.04	27.123	A to B	A to IO

2º PISO	B20	78	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B20H9	0	0.4	-29.8483	A to B	A to IO
2º PISO	B20	78	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B20H10	1	3.04	-48.4409	A to B	A to IO
2º PISO	B20	78	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B20H9	0	0.4	0.3515	A to B	A to IO
2º PISO	B20	78	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B20H10	1	3.04	0.9364	A to B	A to IO
2º PISO	B20	78	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B20H9	0	0.4	-1.9594	A to B	A to IO
2º PISO	B20	78	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B20H10	1	3.04	-1.2206	A to B	A to IO
2º PISO	B21	79	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B21H9	0	0.8	53.5887	A to B	A to IO
2º PISO	B21	79	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B21H10	1	3.26	47.9017	A to B	A to IO
2º PISO	B21	79	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B21H9	0	0.8	-48.6619	A to B	A to IO
2º PISO	B21	79	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B21H10	1	3.26	-54.6027	A to B	A to IO
2º PISO	B21	79	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B21H9	0	0.8	-0.3465	A to B	A to IO
2º PISO	B21	79	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B21H10	1	3.26	-0.3358	A to B	A to IO
2º PISO	B21	79	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B21H9	0	0.8	-0.4712	A to B	A to IO
2º PISO	B21	79	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B21H10	1	3.26	-0.4765	A to B	A to IO
2º PISO	B21	79	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B21H9	0	0.8	55.9967	A to B	A to IO
2º PISO	B21	79	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B21H10	1	3.26	52.9372	A to B	A to IO
2º PISO	B21	79	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B21H9	0	0.8	-53.7103	A to B	A to IO
2º PISO	B21	79	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B21H10	1	3.26	-57.0195	A to B	A to IO
2º PISO	B21	79	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B21H9	0	0.8	-0.3318	A to B	A to IO
2º PISO	B21	79	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B21H10	1	3.26	-0.3187	A to B	A to IO
2º PISO	B21	79	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B21H9	0	0.8	-0.4819	A to B	A to IO
2º PISO	B21	79	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B21H10	1	3.26	-0.4891	A to B	A to IO
2º PISO	B21	79	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B21H9	0	0.8	54.1174	A to B	A to IO

2º PISO	B21	79	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B21H10	1	3.26	30.9956	A to B	A to IO
2º PISO	B21	79	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B21H9	0	0.8	-31.7515	A to B	A to IO
2º PISO	B21	79	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B21H10	1	3.26	-55.116	A to B	A to IO
2º PISO	B21	79	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B21H9	0	0.8	-0.35	A to B	A to IO
2º PISO	B21	79	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B21H10	1	3.26	-0.3389	A to B	A to IO
2º PISO	B21	79	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B21H9	0	0.8	-0.4633	A to B	A to IO
2º PISO	B21	79	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B21H10	1	3.26	-0.4801	A to B	A to IO
2º PISO	B26	80	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B26H9	0	0.8	43.4965	A to B	A to IO
2º PISO	B26	80	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B26H10	1	3.79	39.7238	A to B	A to IO
2º PISO	B26	80	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B26H9	0	0.8	-40.1099	A to B	A to IO
2º PISO	B26	80	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B26H10	1	3.79	-45.8696	A to B	A to IO
2º PISO	B26	80	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B26H9	0	0.8	0.7646	A to B	A to IO
2º PISO	B26	80	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B26H10	1	3.79	-0.0657	A to B	A to IO
2º PISO	B26	80	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B26H9	0	0.8	-1.215	A to B	A to IO
2º PISO	B26	80	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B26H10	1	3.79	-2.1043	A to B	A to IO
2º PISO	B26	80	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B26H9	0	0.8	45.4528	A to B	A to IO
2º PISO	B26	80	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B26H10	1	3.79	44.0251	A to B	A to IO
2º PISO	B26	80	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B26H9	0	0.8	-44.3898	A to B	A to IO
2º PISO	B26	80	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B26H10	1	3.79	-47.9031	A to B	A to IO
2º PISO	B26	80	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B26H9	0	0.8	1.261	A to B	A to IO
2º PISO	B26	80	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B26H10	1	3.79	-0.0478	A to B	A to IO
2º PISO	B26	80	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B26H9	0	0.8	-1.2309	A to B	A to IO
2º PISO	B26	80	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B26H10	1	3.79	-2.6169	A to B	A to IO

2º PISO	B26	80	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B26H9	0	0.8	43.8774	A to B	A to IO
2º PISO	B26	80	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B26H10	1	3.79	25.1749	A to B	A to IO
2º PISO	B26	80	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B26H9	0	0.8	-25.9377	A to B	A to IO
2º PISO	B26	80	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B26H10	1	3.79	-46.2921	A to B	A to IO
2º PISO	B26	80	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B26H9	0	0.8	0.6627	A to B	A to IO
2º PISO	B26	80	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B26H10	1	3.79	-0.0855	A to B	A to IO
2º PISO	B26	80	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B26H9	0	0.8	-1.1962	A to B	A to IO
2º PISO	B26	80	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B26H10	1	3.79	-1.9992	A to B	A to IO
2º PISO	B28	87	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B28H9	0	0	0.1259	A to B	A to IO
2º PISO	B28	87	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B28H10	1	3.84	-0.1399	A to B	A to IO
2º PISO	B28	87	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B28H9	0	0	-0.3764	A to B	A to IO
2º PISO	B28	87	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B28H10	1	3.84	-0.4229	A to B	A to IO
2º PISO	B28	87	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B28H9	0	0	-0.1405	A to B	A to IO
2º PISO	B28	87	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B28H10	1	3.84	-0.2527	A to B	A to IO
2º PISO	B28	87	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B28H9	0	0	-0.1549	A to B	A to IO
2º PISO	B28	87	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B28H10	1	3.84	-0.2712	A to B	A to IO
2º PISO	B28	87	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B28H9	0	0	0.1382	A to B	A to IO
2º PISO	B28	87	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B28H10	1	3.84	-0.1301	A to B	A to IO
2º PISO	B28	87	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B28H9	0	0	-0.3977	A to B	A to IO
2º PISO	B28	87	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B28H10	1	3.84	-0.4305	A to B	A to IO
2º PISO	B28	87	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B28H9	0	0	-0.1369	A to B	A to IO
2º PISO	B28	87	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B28H10	1	3.84	-0.2526	A to B	A to IO
2º PISO	B28	87	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B28H9	0	0	-0.155	A to B	A to IO

2º PISO	B28	87	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B28H10	1	3.84	-0.2757	A to B	A to IO
2º PISO	B28	87	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B28H9	0	0	0.1288	A to B	A to IO
2º PISO	B28	87	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B28H10	1	3.84	-0.1825	A to B	A to IO
2º PISO	B28	87	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B28H9	0	0	-0.2956	A to B	A to IO
2º PISO	B28	87	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B28H10	1	3.84	-0.4246	A to B	A to IO
2º PISO	B28	87	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B28H9	0	0	-0.1413	A to B	A to IO
2º PISO	B28	87	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B28H10	1	3.84	-0.2526	A to B	A to IO
2º PISO	B28	87	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B28H9	0	0	-0.1548	A to B	A to IO
2º PISO	B28	87	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B28H10	1	3.84	-0.2701	A to B	A to IO
2º PISO	B30	88	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B30H9	0	0	-0.2668	A to B	A to IO
2º PISO	B30	88	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B30H10	1	4.06	-0.2572	A to B	A to IO
2º PISO	B30	88	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B30H9	0	0	-0.3818	A to B	A to IO
2º PISO	B30	88	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B30H10	1	4.06	-0.3477	A to B	A to IO
2º PISO	B30	88	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B30H9	0	0	-0.3122	A to B	A to IO
2º PISO	B30	88	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B30H10	1	4.06	-0.2893	A to B	A to IO
2º PISO	B30	88	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B30H9	0	0	-0.3266	A to B	A to IO
2º PISO	B30	88	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B30H10	1	4.06	-0.3003	A to B	A to IO
2º PISO	B30	88	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B30H9	0	0	-0.265	A to B	A to IO
2º PISO	B30	88	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B30H10	1	4.06	-0.254	A to B	A to IO
2º PISO	B30	88	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B30H9	0	0	-0.3902	A to B	A to IO
2º PISO	B30	88	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B30H10	1	4.06	-0.35	A to B	A to IO
2º PISO	B30	88	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B30H9	0	0	-0.3121	A to B	A to IO
2º PISO	B30	88	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B30H10	1	4.06	-0.2893	A to B	A to IO

2º PISO	B30	88	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B30H9	0	0	-0.3302	A to B	A to IO
2º PISO	B30	88	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B30H10	1	4.06	-0.303	A to B	A to IO
2º PISO	B30	88	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B30H9	0	0	-0.2662	A to B	A to IO
2º PISO	B30	88	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B30H10	1	4.06	-0.269	A to B	A to IO
2º PISO	B30	88	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B30H9	0	0	-0.3601	A to B	A to IO
2º PISO	B30	88	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B30H10	1	4.06	-0.3489	A to B	A to IO
2º PISO	B30	88	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B30H9	0	0	-0.3121	A to B	A to IO
2º PISO	B30	88	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B30H10	1	4.06	-0.2893	A to B	A to IO
2º PISO	B30	88	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B30H9	0	0	-0.3257	A to B	A to IO
2º PISO	B30	88	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B30H10	1	4.06	-0.2996	A to B	A to IO
2º PISO	B32	89	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B32H9	0	0	-0.1729	A to B	A to IO
2º PISO	B32	89	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B32H10	1	4.19	0.0644	A to B	A to IO
2º PISO	B32	89	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B32H9	0	0	-0.5406	A to B	A to IO
2º PISO	B32	89	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B32H10	1	4.19	-0.4308	A to B	A to IO
2º PISO	B32	89	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B32H9	0	0	-0.3474	A to B	A to IO
2º PISO	B32	89	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B32H10	1	4.19	-0.1704	A to B	A to IO
2º PISO	B32	89	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B32H9	0	0	-0.3675	A to B	A to IO
2º PISO	B32	89	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B32H10	1	4.19	-0.1835	A to B	A to IO
2º PISO	B32	89	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B32H9	0	0	-0.1647	A to B	A to IO
2º PISO	B32	89	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B32H10	1	4.19	0.0909	A to B	A to IO
2º PISO	B32	89	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B32H9	0	0	-0.5612	A to B	A to IO
2º PISO	B32	89	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B32H10	1	4.19	-0.4426	A to B	A to IO
2º PISO	B32	89	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B32H9	0	0	-0.3473	A to B	A to IO

2º PISO	B32	89	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B32H10	1	4.19	-0.1672	A to B	A to IO
2º PISO	B32	89	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B32H9	0	0	-0.3724	A to B	A to IO
2º PISO	B32	89	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B32H10	1	4.19	-0.1835	A to B	A to IO
2º PISO	B32	89	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B32H9	0	0	-0.1722	A to B	A to IO
2º PISO	B32	89	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B32H10	1	4.19	-0.022	A to B	A to IO
2º PISO	B32	89	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B32H9	0	0	-0.4745	A to B	A to IO
2º PISO	B32	89	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B32H10	1	4.19	-0.433	A to B	A to IO
2º PISO	B32	89	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B32H9	0	0	-0.3471	A to B	A to IO
2º PISO	B32	89	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B32H10	1	4.19	-0.1712	A to B	A to IO
2º PISO	B32	89	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B32H9	0	0	-0.3662	A to B	A to IO
2º PISO	B32	89	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B32H10	1	4.19	-0.1837	A to B	A to IO
2º PISO	B1	29	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B1H13	0	0.3	-7.7534	A to B	A to IO
2º PISO	B1	29	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B1H14	1	7.46	-7.2728	A to B	A to IO
2º PISO	B1	29	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B1H13	0	0.3	-12.9522	A to B	A to IO
2º PISO	B1	29	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B1H14	1	7.46	-11.5321	A to B	A to IO
2º PISO	B1	29	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B1H13	0	0.3	-8.4234	A to B	A to IO
2º PISO	B1	29	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B1H14	1	7.46	-8.0197	A to B	A to IO
2º PISO	B1	29	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B1H13	0	0.3	-11.938	A to B	A to IO
2º PISO	B1	29	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B1H14	1	7.46	-11.5302	A to B	A to IO
2º PISO	B1	29	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B1H13	0	0.3	-7.3317	A to B	A to IO
2º PISO	B1	29	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B1H14	1	7.46	-6.9085	A to B	A to IO
2º PISO	B1	29	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B1H13	0	0.3	-12.9597	A to B	A to IO
2º PISO	B1	29	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B1H14	1	7.46	-11.6529	A to B	A to IO

2º PISO	B1	29	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B1H13	0	0.3	-8.365	A to B	A to IO
2º PISO	B1	29	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B1H14	1	7.46	-7.1012	A to B	A to IO
2º PISO	B1	29	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B1H13	0	0.3	-12.8575	A to B	A to IO
2º PISO	B1	29	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B1H14	1	7.46	-11.5881	A to B	A to IO
2º PISO	B1	29	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B1H13	0	0.3	-8.69	A to B	A to IO
2º PISO	B1	29	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B1H14	1	7.46	-8.0777	A to B	A to IO
2º PISO	B1	29	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B1H13	0	0.3	-12.8863	A to B	A to IO
2º PISO	B1	29	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B1H14	1	7.46	-11.6225	A to B	A to IO
2º PISO	B1	29	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B1H13	0	0.3	-8.4296	A to B	A to IO
2º PISO	B1	29	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B1H14	1	7.46	-8.2317	A to B	A to IO
2º PISO	B1	29	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B1H13	0	0.3	-11.7278	A to B	A to IO
2º PISO	B1	29	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B1H14	1	7.46	-11.527	A to B	A to IO
2º PISO	B2	39	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B2H13	0	0.3	-8.3793	A to B	A to IO
2º PISO	B2	39	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B2H14	1	7.46	-7.7722	A to B	A to IO
2º PISO	B2	39	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B2H13	0	0.3	-12.5364	A to B	A to IO
2º PISO	B2	39	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B2H14	1	7.46	-11.6663	A to B	A to IO
2º PISO	B2	39	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B2H13	0	0.3	-8.8951	A to B	A to IO
2º PISO	B2	39	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B2H14	1	7.46	-8.469	A to B	A to IO
2º PISO	B2	39	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B2H13	0	0.3	-12.4242	A to B	A to IO
2º PISO	B2	39	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B2H14	1	7.46	-11.9954	A to B	A to IO
2º PISO	B2	39	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B2H13	0	0.3	-8.2879	A to B	A to IO
2º PISO	B2	39	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B2H14	1	7.46	-7.6022	A to B	A to IO
2º PISO	B2	39	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B2H13	0	0.3	-12.546	A to B	A to IO

2º PISO	B2	39	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B2H14	1	7.46	-11.8373	A to B	A to IO
2º PISO	B2	39	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B2H13	0	0.3	-8.8382	A to B	A to IO
2º PISO	B2	39	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B2H14	1	7.46	-7.548	A to B	A to IO
2º PISO	B2	39	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B2H13	0	0.3	-13.3459	A to B	A to IO
2º PISO	B2	39	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B2H14	1	7.46	-12.0527	A to B	A to IO
2º PISO	B2	39	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B2H13	0	0.3	-8.3539	A to B	A to IO
2º PISO	B2	39	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B2H14	1	7.46	-7.7156	A to B	A to IO
2º PISO	B2	39	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B2H13	0	0.3	-11.986	A to B	A to IO
2º PISO	B2	39	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B2H14	1	7.46	-11.057	A to B	A to IO
2º PISO	B2	39	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B2H13	0	0.3	-8.8978	A to B	A to IO
2º PISO	B2	39	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B2H14	1	7.46	-8.6803	A to B	A to IO
2º PISO	B2	39	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B2H13	0	0.3	-12.2112	A to B	A to IO
2º PISO	B2	39	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B2H14	1	7.46	-11.9901	A to B	A to IO
1º PISO	B15	54	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B15H9	0	0	-0.0436	A to B	A to IO
1º PISO	B15	54	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B15H9	0	0	-0.0735	A to B	A to IO
1º PISO	B15	54	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B15H9	0	0	-0.0491	A to B	A to IO
1º PISO	B15	54	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B15H9	0	0	-0.052	A to B	A to IO
1º PISO	B15	54	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B15H9	0	0	-0.0432	A to B	A to IO
1º PISO	B15	54	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B15H9	0	0	-0.0741	A to B	A to IO
1º PISO	B15	54	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B15H9	0	0	-0.0492	A to B	A to IO
1º PISO	B15	54	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B15H9	0	0	-0.0526	A to B	A to IO
1º PISO	B15	54	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B15H9	0	0	-0.0453	A to B	A to IO

1º PISO	B15	54	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B15H9	0	0	-0.0735	A to B	A to IO
1º PISO	B15	54	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B15H9	0	0	-0.049	A to B	A to IO
1º PISO	B15	54	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B15H9	0	0	-0.0519	A to B	A to IO
1º PISO	B16	32	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B16H9	0	0	0.0326	A to B	A to IO
1º PISO	B16	32	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B16H9	0	0	0.0002	A to B	A to IO
1º PISO	B16	32	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B16H9	0	0	0.0118	A to B	A to IO
1º PISO	B16	32	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B16H9	0	0	0.0066	A to B	A to IO
1º PISO	B16	32	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B16H9	0	0	0.0329	A to B	A to IO
1º PISO	B16	32	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B16H9	0	0	-0.0008	A to B	A to IO
1º PISO	B16	32	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B16H9	0	0	0.013	A to B	A to IO
1º PISO	B16	32	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B16H9	0	0	0.0066	A to B	A to IO
1º PISO	B16	32	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B16H9	0	0	0.0323	A to B	A to IO
1º PISO	B16	32	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B16H9	0	0	0.0029	A to B	A to IO
1º PISO	B16	32	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B16H9	0	0	0.0115	A to B	A to IO
1º PISO	B16	32	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B16H9	0	0	0.0065	A to B	A to IO
1º PISO	B17	41	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B17H9	0	0	0.0219	A to B	A to IO
1º PISO	B17	41	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B17H9	0	0	0.0049	A to B	A to IO
1º PISO	B17	41	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B17H9	0	0	0.0124	A to B	A to IO
1º PISO	B17	41	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B17H9	0	0	0.0076	A to B	A to IO
1º PISO	B17	41	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B17H9	0	0	0.0242	A to B	A to IO
1º PISO	B17	41	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B17H9	0	0	0.0069	A to B	A to IO
1º PISO	B17	41	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B17H9	0	0	0.0135	A to B	A to IO
1º PISO	B17	41	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B17H9	0	0	0.0076	A to B	A to IO

1º PISO	B17	41	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B17H9	0	0	0.0171	A to B	A to IO
1º PISO	B17	41	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B17H9	0	0	0.0072	A to B	A to IO
1º PISO	B17	41	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B17H9	0	0	0.0121	A to B	A to IO
1º PISO	B17	41	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B17H9	0	0	0.0075	A to B	A to IO
1º PISO	B18	63	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B18H9	0	0	-0.0489	A to B	A to IO
1º PISO	B18	63	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B18H9	0	0	-0.0736	A to B	A to IO
1º PISO	B18	63	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B18H9	0	0	-0.0544	A to B	A to IO
1º PISO	B18	63	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B18H9	0	0	-0.0577	A to B	A to IO
1º PISO	B18	63	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B18H9	0	0	-0.0498	A to B	A to IO
1º PISO	B18	63	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B18H9	0	0	-0.077	A to B	A to IO
1º PISO	B18	63	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B18H9	0	0	-0.0545	A to B	A to IO
1º PISO	B18	63	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B18H9	0	0	-0.0584	A to B	A to IO
1º PISO	B18	63	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B18H9	0	0	-0.0502	A to B	A to IO
1º PISO	B18	63	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B18H9	0	0	-0.0662	A to B	A to IO
1º PISO	B18	63	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B18H9	0	0	-0.0543	A to B	A to IO
1º PISO	B18	63	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B18H9	0	0	-0.0575	A to B	A to IO
1º PISO	B9	55	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B9H11	0	0.25	0.1177	A to B	A to IO
1º PISO	B9	55	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B9H12	1	3.73	0.118	A to B	A to IO
1º PISO	B9	55	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B9H11	0	0.25	-0.1512	A to B	A to IO
1º PISO	B9	55	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B9H12	1	3.73	-0.1167	A to B	A to IO
1º PISO	B9	55	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B9H11	0	0.25	0.2058	A to B	A to IO
1º PISO	B9	55	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B9H12	1	3.73	0.1746	A to B	A to IO
1º PISO	B9	55	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B9H11	0	0.25	-0.193	A to B	A to IO

1º PISO	B9	55	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B9H12	1	3.73	-0.2052	A to B	A to IO
1º PISO	B9	55	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B9H11	0	0.25	0.1345	A to B	A to IO
1º PISO	B9	55	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B9H12	1	3.73	0.1223	A to B	A to IO
1º PISO	B9	55	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B9H11	0	0.25	-0.1573	A to B	A to IO
1º PISO	B9	55	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B9H12	1	3.73	-0.1334	A to B	A to IO
1º PISO	B9	55	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B9H11	0	0.25	0.1999	A to B	A to IO
1º PISO	B9	55	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B9H12	1	3.73	0.2559	A to B	A to IO
1º PISO	B9	55	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B9H11	0	0.25	-0.2779	A to B	A to IO
1º PISO	B9	55	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B9H12	1	3.73	-0.1998	A to B	A to IO
1º PISO	B9	55	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B9H11	0	0.25	0.0729	A to B	A to IO
1º PISO	B9	55	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B9H12	1	3.73	0.119	A to B	A to IO
1º PISO	B9	55	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B9H11	0	0.25	-0.1525	A to B	A to IO
1º PISO	B9	55	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B9H12	1	3.73	-0.0757	A to B	A to IO
1º PISO	B9	55	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B9H11	0	0.25	0.2157	A to B	A to IO
1º PISO	B9	55	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B9H12	1	3.73	0.1518	A to B	A to IO
1º PISO	B9	55	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B9H11	0	0.25	-0.1691	A to B	A to IO
1º PISO	B9	55	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B9H12	1	3.73	-0.2143	A to B	A to IO
1º PISO	B10	56	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B10H11	0	0.15	0.0519	A to B	A to IO
1º PISO	B10	56	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B10H12	1	3.63	0.0983	A to B	A to IO
1º PISO	B10	56	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B10H11	0	0.15	-0.0839	A to B	A to IO
1º PISO	B10	56	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B10H12	1	3.63	-0.0687	A to B	A to IO
1º PISO	B10	56	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B10H11	0	0.15	0.175	A to B	A to IO
1º PISO	B10	56	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B10H12	1	3.63	0.1612	A to B	A to IO

1º PISO	B10	56	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B10H11	0	0.15	-0.175	A to B	A to IO
1º PISO	B10	56	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B10H12	1	3.63	-0.152	A to B	A to IO
1º PISO	B10	56	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B10H11	0	0.15	0.0534	A to B	A to IO
1º PISO	B10	56	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B10H12	1	3.63	0.1128	A to B	A to IO
1º PISO	B10	56	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B10H11	0	0.15	-0.1001	A to B	A to IO
1º PISO	B10	56	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B10H12	1	3.63	-0.0709	A to B	A to IO
1º PISO	B10	56	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B10H11	0	0.15	0.1704	A to B	A to IO
1º PISO	B10	56	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B10H12	1	3.63	0.2294	A to B	A to IO
1º PISO	B10	56	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B10H11	0	0.15	-0.2506	A to B	A to IO
1º PISO	B10	56	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B10H12	1	3.63	-0.1482	A to B	A to IO
1º PISO	B10	56	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B10H11	0	0.15	0.0519	A to B	A to IO
1º PISO	B10	56	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B10H12	1	3.63	0.0703	A to B	A to IO
1º PISO	B10	56	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B10H11	0	0.15	-0.0586	A to B	A to IO
1º PISO	B10	56	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B10H12	1	3.63	-0.0691	A to B	A to IO
1º PISO	B10	56	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B10H11	0	0.15	0.1832	A to B	A to IO
1º PISO	B10	56	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B10H12	1	3.63	0.1423	A to B	A to IO
1º PISO	B10	56	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B10H11	0	0.15	-0.154	A to B	A to IO
1º PISO	B10	56	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B10H12	1	3.63	-0.159	A to B	A to IO
1º PISO	B11	64	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B11H11	0	0.25	0.1227	A to B	A to IO
1º PISO	B11	64	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B11H12	1	3.73	0.0949	A to B	A to IO
1º PISO	B11	64	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B11H11	0	0.25	-0.1168	A to B	A to IO
1º PISO	B11	64	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B11H12	1	3.73	-0.1302	A to B	A to IO
1º PISO	B11	64	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B11H11	0	0.25	0.159	A to B	A to IO

1º PISO	B11	64	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B11H12	1	3.73	0.1591	A to B	A to IO
1º PISO	B11	64	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B11H11	0	0.25	-0.1516	A to B	A to IO
1º PISO	B11	64	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B11H12	1	3.73	-0.1888	A to B	A to IO
1º PISO	B11	64	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B11H11	0	0.25	0.1274	A to B	A to IO
1º PISO	B11	64	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B11H12	1	3.73	0.1038	A to B	A to IO
1º PISO	B11	64	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B11H11	0	0.25	-0.129	A to B	A to IO
1º PISO	B11	64	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B11H12	1	3.73	-0.1348	A to B	A to IO
1º PISO	B11	64	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B11H11	0	0.25	0.1553	A to B	A to IO
1º PISO	B11	64	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B11H12	1	3.73	0.2338	A to B	A to IO
1º PISO	B11	64	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B11H11	0	0.25	-0.2189	A to B	A to IO
1º PISO	B11	64	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B11H12	1	3.73	-0.1842	A to B	A to IO
1º PISO	B11	64	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B11H11	0	0.25	0.1228	A to B	A to IO
1º PISO	B11	64	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B11H12	1	3.73	0.0624	A to B	A to IO
1º PISO	B11	64	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B11H11	0	0.25	-0.0803	A to B	A to IO
1º PISO	B11	64	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B11H12	1	3.73	-0.1312	A to B	A to IO
1º PISO	B11	64	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B11H11	0	0.25	0.1661	A to B	A to IO
1º PISO	B11	64	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B11H12	1	3.73	0.1381	A to B	A to IO
1º PISO	B11	64	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B11H11	0	0.25	-0.1328	A to B	A to IO
1º PISO	B11	64	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B11H12	1	3.73	-0.1971	A to B	A to IO
1º PISO	B12	65	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B12H11	0	0.15	0.0266	A to B	A to IO
1º PISO	B12	65	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B12H12	1	3.63	0.0739	A to B	A to IO
1º PISO	B12	65	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B12H11	0	0.15	-0.0599	A to B	A to IO
1º PISO	B12	65	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B12H12	1	3.63	-0.0365	A to B	A to IO

1º PISO	B12	65	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B12H11	0	0.15	0.1893	A to B	A to IO
1º PISO	B12	65	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B12H12	1	3.63	0.2002	A to B	A to IO
1º PISO	B12	65	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B12H11	0	0.15	-0.1878	A to B	A to IO
1º PISO	B12	65	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B12H12	1	3.63	-0.1955	A to B	A to IO
1º PISO	B12	65	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B12H11	0	0.15	0.0288	A to B	A to IO
1º PISO	B12	65	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B12H12	1	3.63	0.0763	A to B	A to IO
1º PISO	B12	65	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B12H11	0	0.15	-0.0617	A to B	A to IO
1º PISO	B12	65	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B12H12	1	3.63	-0.0467	A to B	A to IO
1º PISO	B12	65	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B12H11	0	0.15	0.1839	A to B	A to IO
1º PISO	B12	65	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B12H12	1	3.63	0.284	A to B	A to IO
1º PISO	B12	65	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B12H11	0	0.15	-0.2682	A to B	A to IO
1º PISO	B12	65	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B12H12	1	3.63	-0.1896	A to B	A to IO
1º PISO	B12	65	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B12H11	0	0.15	0.0144	A to B	A to IO
1º PISO	B12	65	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B12H12	1	3.63	0.0744	A to B	A to IO
1º PISO	B12	65	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B12H11	0	0.15	-0.0605	A to B	A to IO
1º PISO	B12	65	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B12H12	1	3.63	-0.0196	A to B	A to IO
1º PISO	B12	65	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B12H11	0	0.15	0.1985	A to B	A to IO
1º PISO	B12	65	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B12H12	1	3.63	0.1764	A to B	A to IO
1º PISO	B12	65	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B12H11	0	0.15	-0.1651	A to B	A to IO
1º PISO	B12	65	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B12H12	1	3.63	-0.2055	A to B	A to IO
1º PISO	B13	72	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B13H11	0	0.4	55.7082	A to B	A to IO
1º PISO	B13	72	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B13H12	1	3.04	42.5217	A to B	A to IO
1º PISO	B13	72	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B13H11	0	0.4	-48.8831	A to B	A to IO

1º PISO	B13	72	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B13H12	1	3.04	-50.5016	A to B	A to IO
1º PISO	B13	72	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B13H11	0	0.4	-0.0826	A to B	A to IO
1º PISO	B13	72	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B13H12	1	3.04	0.6839	A to B	A to IO
1º PISO	B13	72	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B13H11	0	0.4	-1.9444	A to B	A to IO
1º PISO	B13	72	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B13H12	1	3.04	-0.971	A to B	A to IO
1º PISO	B13	72	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B13H11	0	0.4	58.1199	A to B	A to IO
1º PISO	B13	72	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B13H12	1	3.04	49.0481	A to B	A to IO
1º PISO	B13	72	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B13H11	0	0.4	-56.2577	A to B	A to IO
1º PISO	B13	72	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B13H12	1	3.04	-52.6859	A to B	A to IO
1º PISO	B13	72	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B13H11	0	0.4	0.3553	A to B	A to IO
1º PISO	B13	72	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B13H12	1	3.04	0.6757	A to B	A to IO
1º PISO	B13	72	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B13H11	0	0.4	-1.9331	A to B	A to IO
1º PISO	B13	72	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B13H12	1	3.04	-1.3637	A to B	A to IO
1º PISO	B13	72	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B13H11	0	0.4	56.1231	A to B	A to IO
1º PISO	B13	72	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B13H12	1	3.04	27.1162	A to B	A to IO
1º PISO	B13	72	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B13H11	0	0.4	-31.5251	A to B	A to IO
1º PISO	B13	72	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B13H12	1	3.04	-50.8999	A to B	A to IO
1º PISO	B13	72	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B13H11	0	0.4	-0.1747	A to B	A to IO
1º PISO	B13	72	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B13H12	1	3.04	0.6636	A to B	A to IO
1º PISO	B13	72	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B13H11	0	0.4	-1.9241	A to B	A to IO
1º PISO	B13	72	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B13H12	1	3.04	-0.8894	A to B	A to IO
1º PISO	B14	73	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B14H11	0	0.8	53.8088	A to B	A to IO
1º PISO	B14	73	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B14H12	1	3.26	47.2932	A to B	A to IO

1º PISO	B14	73	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B14H11	0	0.8	-48.1343	A to B	A to IO
1º PISO	B14	73	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B14H12	1	3.26	-55.1754	A to B	A to IO
1º PISO	B14	73	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B14H11	0	0.8	-0.4173	A to B	A to IO
1º PISO	B14	73	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B14H12	1	3.26	-0.4379	A to B	A to IO
1º PISO	B14	73	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B14H11	0	0.8	-0.5591	A to B	A to IO
1º PISO	B14	73	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B14H12	1	3.26	-0.5661	A to B	A to IO
1º PISO	B14	73	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B14H11	0	0.8	56.1957	A to B	A to IO
1º PISO	B14	73	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B14H12	1	3.26	54.6315	A to B	A to IO
1º PISO	B14	73	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B14H11	0	0.8	-55.4328	A to B	A to IO
1º PISO	B14	73	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B14H12	1	3.26	-57.5166	A to B	A to IO
1º PISO	B14	73	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B14H11	0	0.8	-0.4229	A to B	A to IO
1º PISO	B14	73	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B14H12	1	3.26	-0.4335	A to B	A to IO
1º PISO	B14	73	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B14H11	0	0.8	-0.5656	A to B	A to IO
1º PISO	B14	73	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B14H12	1	3.26	-0.5614	A to B	A to IO
1º PISO	B14	73	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B14H11	0	0.8	54.2377	A to B	A to IO
1º PISO	B14	73	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B14H12	1	3.26	30.1067	A to B	A to IO
1º PISO	B14	73	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B14H11	0	0.8	-30.9932	A to B	A to IO
1º PISO	B14	73	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B14H12	1	3.26	-55.5498	A to B	A to IO
1º PISO	B14	73	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B14H11	0	0.8	-0.4148	A to B	A to IO
1º PISO	B14	73	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B14H12	1	3.26	-0.4376	A to B	A to IO
1º PISO	B14	73	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B14H11	0	0.8	-0.5629	A to B	A to IO
1º PISO	B14	73	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B14H12	1	3.26	-0.5625	A to B	A to IO
1º PISO	B19	74	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B19H11	0	0.8	41.2859	A to B	A to IO

1º PISO	B19	74	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B19H12	1	3.79	34.5079	A to B	A to IO
1º PISO	B19	74	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B19H11	0	0.8	-38.1809	A to B	A to IO
1º PISO	B19	74	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B19H12	1	3.79	-39.8902	A to B	A to IO
1º PISO	B19	74	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B19H11	0	0.8	0.2301	A to B	A to IO
1º PISO	B19	74	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B19H12	1	3.79	-0.3343	A to B	A to IO
1º PISO	B19	74	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B19H11	0	0.8	-1.1589	A to B	A to IO
1º PISO	B19	74	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B19H12	1	3.79	-1.7205	A to B	A to IO
1º PISO	B19	74	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B19H11	0	0.8	43.0345	A to B	A to IO
1º PISO	B19	74	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B19H12	1	3.79	39.6452	A to B	A to IO
1º PISO	B19	74	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B19H11	0	0.8	-43.8187	A to B	A to IO
1º PISO	B19	74	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B19H12	1	3.79	-41.5908	A to B	A to IO
1º PISO	B19	74	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B19H11	0	0.8	0.2209	A to B	A to IO
1º PISO	B19	74	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B19H12	1	3.79	-0.0034	A to B	A to IO
1º PISO	B19	74	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B19H11	0	0.8	-1.4913	A to B	A to IO
1º PISO	B19	74	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B19H12	1	3.79	-1.7132	A to B	A to IO
1º PISO	B19	74	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B19H11	0	0.8	41.4961	A to B	A to IO
1º PISO	B19	74	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B19H12	1	3.79	21.9017	A to B	A to IO
1º PISO	B19	74	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B19H11	0	0.8	-24.6721	A to B	A to IO
1º PISO	B19	74	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B19H12	1	3.79	-40.132	A to B	A to IO
1º PISO	B19	74	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B19H11	0	0.8	0.2591	A to B	A to IO
1º PISO	B19	74	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B19H12	1	3.79	-0.4249	A to B	A to IO
1º PISO	B19	74	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B19H11	0	0.8	-1.0681	A to B	A to IO
1º PISO	B19	74	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B19H12	1	3.79	-1.751	A to B	A to IO

1º PISO	B20	81	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B20H11	0	0.4	45.8585	A to B	A to IO
1º PISO	B20	81	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B20H12	1	3.04	38.8495	A to B	A to IO
1º PISO	B20	81	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B20H11	0	0.4	-39.8891	A to B	A to IO
1º PISO	B20	81	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B20H12	1	3.04	-46.5793	A to B	A to IO
1º PISO	B20	81	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B20H11	0	0.4	0.2384	A to B	A to IO
1º PISO	B20	81	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B20H12	1	3.04	0.5644	A to B	A to IO
1º PISO	B20	81	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B20H11	0	0.4	-1.5165	A to B	A to IO
1º PISO	B20	81	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B20H12	1	3.04	-1.082	A to B	A to IO
1º PISO	B20	81	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B20H11	0	0.4	47.7741	A to B	A to IO
1º PISO	B20	81	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B20H12	1	3.04	44.7228	A to B	A to IO
1º PISO	B20	81	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B20H11	0	0.4	-45.6419	A to B	A to IO
1º PISO	B20	81	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B20H12	1	3.04	-48.5111	A to B	A to IO
1º PISO	B20	81	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B20H11	0	0.4	0.2319	A to B	A to IO
1º PISO	B20	81	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B20H12	1	3.04	0.963	A to B	A to IO
1º PISO	B20	81	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B20H11	0	0.4	-1.9403	A to B	A to IO
1º PISO	B20	81	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B20H12	1	3.04	-1.0738	A to B	A to IO
1º PISO	B20	81	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B20H11	0	0.4	46.2739	A to B	A to IO
1º PISO	B20	81	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B20H12	1	3.04	25.0168	A to B	A to IO
1º PISO	B20	81	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B20H11	0	0.4	-26.1597	A to B	A to IO
1º PISO	B20	81	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B20H12	1	3.04	-46.9264	A to B	A to IO
1º PISO	B20	81	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B20H11	0	0.4	0.2757	A to B	A to IO
1º PISO	B20	81	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B20H12	1	3.04	0.4574	A to B	A to IO
1º PISO	B20	81	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B20H11	0	0.4	-1.4024	A to B	A to IO

1º PISO	B20	81	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B20H12	1	3.04	-1.1152	A to B	A to IO
1º PISO	B21	82	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B21H11	0	0.8	54.4364	A to B	A to IO
1º PISO	B21	82	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B21H12	1	3.26	46.9641	A to B	A to IO
1º PISO	B21	82	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B21H11	0	0.8	-47.8171	A to B	A to IO
1º PISO	B21	82	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B21H12	1	3.26	-55.3259	A to B	A to IO
1º PISO	B21	82	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B21H11	0	0.8	-0.3376	A to B	A to IO
1º PISO	B21	82	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B21H12	1	3.26	-0.3433	A to B	A to IO
1º PISO	B21	82	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B21H11	0	0.8	-0.4699	A to B	A to IO
1º PISO	B21	82	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B21H12	1	3.26	-0.4932	A to B	A to IO
1º PISO	B21	82	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B21H11	0	0.8	56.7031	A to B	A to IO
1º PISO	B21	82	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B21H12	1	3.26	54.2126	A to B	A to IO
1º PISO	B21	82	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B21H11	0	0.8	-55.087	A to B	A to IO
1º PISO	B21	82	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B21H12	1	3.26	-57.6004	A to B	A to IO
1º PISO	B21	82	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B21H11	0	0.8	-0.3405	A to B	A to IO
1º PISO	B21	82	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B21H12	1	3.26	-0.3347	A to B	A to IO
1º PISO	B21	82	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B21H11	0	0.8	-0.4763	A to B	A to IO
1º PISO	B21	82	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B21H12	1	3.26	-0.4891	A to B	A to IO
1º PISO	B21	82	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B21H11	0	0.8	54.7332	A to B	A to IO
1º PISO	B21	82	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B21H12	1	3.26	30.0347	A to B	A to IO
1º PISO	B21	82	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B21H11	0	0.8	-30.8568	A to B	A to IO
1º PISO	B21	82	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B21H12	1	3.26	-55.6381	A to B	A to IO
1º PISO	B21	82	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B21H11	0	0.8	-0.3373	A to B	A to IO
1º PISO	B21	82	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B21H12	1	3.26	-0.3369	A to B	A to IO

1º PISO	B21	82	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B21H11	0	0.8	-0.4725	A to B	A to IO
1º PISO	B21	82	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B21H12	1	3.26	-0.4957	A to B	A to IO
1º PISO	B26	83	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B26H11	0	0.8	45.1225	A to B	A to IO
1º PISO	B26	83	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B26H12	1	3.79	41.9467	A to B	A to IO
1º PISO	B26	83	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B26H11	0	0.8	-40.6108	A to B	A to IO
1º PISO	B26	83	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B26H12	1	3.79	-49.3435	A to B	A to IO
1º PISO	B26	83	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B26H11	0	0.8	0.2973	A to B	A to IO
1º PISO	B26	83	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B26H12	1	3.79	-0.1206	A to B	A to IO
1º PISO	B26	83	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B26H11	0	0.8	-1.1178	A to B	A to IO
1º PISO	B26	83	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B26H12	1	3.79	-1.6352	A to B	A to IO
1º PISO	B26	83	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B26H11	0	0.8	47.0159	A to B	A to IO
1º PISO	B26	83	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B26H12	1	3.79	48.8293	A to B	A to IO
1º PISO	B26	83	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B26H11	0	0.8	-46.9682	A to B	A to IO
1º PISO	B26	83	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B26H12	1	3.79	-51.3661	A to B	A to IO
1º PISO	B26	83	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B26H11	0	0.8	0.6291	A to B	A to IO
1º PISO	B26	83	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B26H12	1	3.79	-0.1302	A to B	A to IO
1º PISO	B26	83	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B26H11	0	0.8	-1.1105	A to B	A to IO
1º PISO	B26	83	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B26H12	1	3.79	-1.9871	A to B	A to IO
1º PISO	B26	83	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B26H11	0	0.8	45.3838	A to B	A to IO
1º PISO	B26	83	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B26H12	1	3.79	26.3294	A to B	A to IO
1º PISO	B26	83	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B26H11	0	0.8	-26.0443	A to B	A to IO
1º PISO	B26	83	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B26H12	1	3.79	-49.6309	A to B	A to IO
1º PISO	B26	83	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B26H11	0	0.8	0.2287	A to B	A to IO

1º PISO	B26	83	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B26H12	1	3.79	-0.1383	A to B	A to IO
1º PISO	B26	83	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B26H11	0	0.8	-1.0991	A to B	A to IO
1º PISO	B26	83	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B26H12	1	3.79	-1.5614	A to B	A to IO
1º PISO	B28	90	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B28H11	0	0	0.1449	A to B	A to IO
1º PISO	B28	90	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B28H12	1	3.84	-0.1234	A to B	A to IO
1º PISO	B28	90	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B28H11	0	0	-0.4116	A to B	A to IO
1º PISO	B28	90	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B28H12	1	3.84	-0.4085	A to B	A to IO
1º PISO	B28	90	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B28H11	0	0	-0.1402	A to B	A to IO
1º PISO	B28	90	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B28H12	1	3.84	-0.2621	A to B	A to IO
1º PISO	B28	90	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B28H11	0	0	-0.1467	A to B	A to IO
1º PISO	B28	90	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B28H12	1	3.84	-0.2707	A to B	A to IO
1º PISO	B28	90	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B28H11	0	0	0.1579	A to B	A to IO
1º PISO	B28	90	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B28H12	1	3.84	-0.1022	A to B	A to IO
1º PISO	B28	90	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B28H11	0	0	-0.453	A to B	A to IO
1º PISO	B28	90	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B28H12	1	3.84	-0.4164	A to B	A to IO
1º PISO	B28	90	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B28H11	0	0	-0.1384	A to B	A to IO
1º PISO	B28	90	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B28H12	1	3.84	-0.2619	A to B	A to IO
1º PISO	B28	90	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B28H11	0	0	-0.1468	A to B	A to IO
1º PISO	B28	90	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B28H12	1	3.84	-0.273	A to B	A to IO
1º PISO	B28	90	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B28H11	0	0	0.1473	A to B	A to IO
1º PISO	B28	90	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B28H12	1	3.84	-0.1783	A to B	A to IO
1º PISO	B28	90	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B28H11	0	0	-0.3111	A to B	A to IO
1º PISO	B28	90	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B28H12	1	3.84	-0.4109	A to B	A to IO

1º PISO	B28	90	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B28H11	0	0	-0.1404	A to B	A to IO
1º PISO	B28	90	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B28H12	1	3.84	-0.2623	A to B	A to IO
1º PISO	B28	90	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B28H11	0	0	-0.1464	A to B	A to IO
1º PISO	B28	90	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B28H12	1	3.84	-0.2703	A to B	A to IO
1º PISO	B30	91	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B30H11	0	0	-0.2596	A to B	A to IO
1º PISO	B30	91	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B30H12	1	4.06	-0.2463	A to B	A to IO
1º PISO	B30	91	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B30H11	0	0	-0.3675	A to B	A to IO
1º PISO	B30	91	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B30H12	1	4.06	-0.3552	A to B	A to IO
1º PISO	B30	91	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B30H11	0	0	-0.3183	A to B	A to IO
1º PISO	B30	91	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B30H12	1	4.06	-0.2954	A to B	A to IO
1º PISO	B30	91	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B30H11	0	0	-0.3263	A to B	A to IO
1º PISO	B30	91	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B30H12	1	4.06	-0.3002	A to B	A to IO
1º PISO	B30	91	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B30H11	0	0	-0.259	A to B	A to IO
1º PISO	B30	91	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B30H12	1	4.06	-0.2368	A to B	A to IO
1º PISO	B30	91	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B30H11	0	0	-0.3752	A to B	A to IO
1º PISO	B30	91	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B30H12	1	4.06	-0.3556	A to B	A to IO
1º PISO	B30	91	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B30H11	0	0	-0.3182	A to B	A to IO
1º PISO	B30	91	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B30H12	1	4.06	-0.2953	A to B	A to IO
1º PISO	B30	91	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B30H11	0	0	-0.3283	A to B	A to IO
1º PISO	B30	91	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B30H12	1	4.06	-0.3015	A to B	A to IO
1º PISO	B30	91	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B30H11	0	0	-0.2611	A to B	A to IO
1º PISO	B30	91	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B30H12	1	4.06	-0.2656	A to B	A to IO
1º PISO	B30	91	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B30H11	0	0	-0.3535	A to B	A to IO

1º PISO	B30	91	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B30H12	1	4.06	-0.3535	A to B	A to IO
1º PISO	B30	91	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B30H11	0	0	-0.3182	A to B	A to IO
1º PISO	B30	91	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B30H12	1	4.06	-0.2955	A to B	A to IO
1º PISO	B30	91	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B30H11	0	0	-0.3258	A to B	A to IO
1º PISO	B30	91	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B30H12	1	4.06	-0.2999	A to B	A to IO
1º PISO	B32	92	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B32H11	0	0	-0.1733	A to B	A to IO
1º PISO	B32	92	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B32H12	1	4.19	0.0167	A to B	A to IO
1º PISO	B32	92	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B32H11	0	0	-0.5152	A to B	A to IO
1º PISO	B32	92	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B32H12	1	4.19	-0.3987	A to B	A to IO
1º PISO	B32	92	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B32H11	0	0	-0.3596	A to B	A to IO
1º PISO	B32	92	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B32H12	1	4.19	-0.1699	A to B	A to IO
1º PISO	B32	92	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B32H11	0	0	-0.367	A to B	A to IO
1º PISO	B32	92	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B32H12	1	4.19	-0.1739	A to B	A to IO
1º PISO	B32	92	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B32H11	0	0	-0.1636	A to B	A to IO
1º PISO	B32	92	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B32H12	1	4.19	0.0421	A to B	A to IO
1º PISO	B32	92	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B32H11	0	0	-0.5366	A to B	A to IO
1º PISO	B32	92	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B32H12	1	4.19	-0.4099	A to B	A to IO
1º PISO	B32	92	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B32H11	0	0	-0.3593	A to B	A to IO
1º PISO	B32	92	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B32H12	1	4.19	-0.1687	A to B	A to IO
1º PISO	B32	92	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B32H11	0	0	-0.3691	A to B	A to IO
1º PISO	B32	92	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B32H12	1	4.19	-0.1741	A to B	A to IO
1º PISO	B32	92	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B32H11	0	0	-0.1702	A to B	A to IO
1º PISO	B32	92	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B32H12	1	4.19	-0.0471	A to B	A to IO

1º PISO	B32	92	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B32H11	0	0	-0.4632	A to B	A to IO
1º PISO	B32	92	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B32H12	1	4.19	-0.4017	A to B	A to IO
1º PISO	B32	92	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B32H11	0	0	-0.3596	A to B	A to IO
1º PISO	B32	92	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B32H12	1	4.19	-0.1702	A to B	A to IO
1º PISO	B32	92	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B32H11	0	0	-0.3665	A to B	A to IO
1º PISO	B32	92	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B32H12	1	4.19	-0.1738	A to B	A to IO
1º PISO	B1	33	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B1H15	0	0.3	-8.5788	A to B	A to IO
1º PISO	B1	33	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B1H16	1	7.46	-8.1052	A to B	A to IO
1º PISO	B1	33	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B1H15	0	0.3	-15.2675	A to B	A to IO
1º PISO	B1	33	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B1H16	1	7.46	-12.6694	A to B	A to IO
1º PISO	B1	33	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B1H15	0	0.3	-8.061	A to B	A to IO
1º PISO	B1	33	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B1H16	1	7.46	-7.3214	A to B	A to IO
1º PISO	B1	33	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B1H15	0	0.3	-12.2508	A to B	A to IO
1º PISO	B1	33	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B1H16	1	7.46	-11.5088	A to B	A to IO
1º PISO	B1	33	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B1H15	0	0.3	-8.3078	A to B	A to IO
1º PISO	B1	33	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B1H16	1	7.46	-8.1398	A to B	A to IO
1º PISO	B1	33	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B1H15	0	0.3	-15.2847	A to B	A to IO
1º PISO	B1	33	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B1H16	1	7.46	-12.971	A to B	A to IO
1º PISO	B1	33	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B1H15	0	0.3	-8.1074	A to B	A to IO
1º PISO	B1	33	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B1H16	1	7.46	-6.4019	A to B	A to IO
1º PISO	B1	33	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B1H15	0	0.3	-13.1704	A to B	A to IO
1º PISO	B1	33	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B1H16	1	7.46	-11.4633	A to B	A to IO
1º PISO	B1	33	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B1H15	0	0.3	-9.0318	A to B	A to IO

1º PISO	B1	33	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B1H16	1	7.46	-8.4143	A to B	A to IO
1º PISO	B1	33	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B1H15	0	0.3	-15.1553	A to B	A to IO
1º PISO	B1	33	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B1H16	1	7.46	-12.9025	A to B	A to IO
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1º PISO	B1	33	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B1H15	0	0.3	-12	A to B	A to IO
1º PISO	B1	33	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B1H16	1	7.46	-11.6002	A to B	A to IO
1º PISO	B2	42	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B2H15	0	0.3	-9.5357	A to B	A to IO
1º PISO	B2	42	TH-LIMA-74-XX	NonDirHist	Max	Auto M3	B2H16	1	7.46	-8.3465	A to B	A to IO
1º PISO	B2	42	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B2H15	0	0.3	-13.741	A to B	A to IO
1º PISO	B2	42	TH-LIMA-74-XX	NonDirHist	Min	Auto M3	B2H16	1	7.46	-12.9793	A to B	A to IO
1º PISO	B2	42	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B2H15	0	0.3	-8.5453	A to B	A to IO
1º PISO	B2	42	TH-LIMA-74-YY	NonDirHist	Max	Auto M3	B2H16	1	7.46	-7.7623	A to B	A to IO
1º PISO	B2	42	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B2H15	0	0.3	-12.7335	A to B	A to IO
1º PISO	B2	42	TH-LIMA-74-YY	NonDirHist	Min	Auto M3	B2H16	1	7.46	-11.9491	A to B	A to IO
1º PISO	B2	42	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B2H15	0	0.3	-9.7382	A to B	A to IO
1º PISO	B2	42	TH-LIMA-66-XX	NonDirHist	Max	Auto M3	B2H16	1	7.46	-8.3254	A to B	A to IO
1º PISO	B2	42	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B2H15	0	0.3	-14.3039	A to B	A to IO
1º PISO	B2	42	TH-LIMA-66-XX	NonDirHist	Min	Auto M3	B2H16	1	7.46	-13.732	A to B	A to IO
1º PISO	B2	42	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B2H15	0	0.3	-8.5906	A to B	A to IO
1º PISO	B2	42	TH-LIMA-66-YY	NonDirHist	Max	Auto M3	B2H16	1	7.46	-6.8445	A to B	A to IO
1º PISO	B2	42	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B2H15	0	0.3	-13.6521	A to B	A to IO
1º PISO	B2	42	TH-LIMA-66-YY	NonDirHist	Min	Auto M3	B2H16	1	7.46	-11.9031	A to B	A to IO

1º PISO	B2	42	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B2H15	0	0.3	-9.8592	A to B	A to IO
1º PISO	B2	42	TH-ICA-2007-XX	NonDirHist	Max	Auto M3	B2H16	1	7.46	-8.403	A to B	A to IO
1º PISO	B2	42	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B2H15	0	0.3	-12.4954	A to B	A to IO
1º PISO	B2	42	TH-ICA-2007-XX	NonDirHist	Min	Auto M3	B2H16	1	7.46	-11.4882	A to B	A to IO
1º PISO	B2	42	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B2H15	0	0.3	-8.4539	A to B	A to IO
1º PISO	B2	42	TH-ICA-2007-YY	NonDirHist	Max	Auto M3	B2H16	1	7.46	-8.0133	A to B	A to IO
1º PISO	B2	42	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B2H15	0	0.3	-12.4808	A to B	A to IO
1º PISO	B2	42	TH-ICA-2007-YY	NonDirHist	Min	Auto M3	B2H16	1	7.46	-12.0373	A to B	A to IO

Como resultado del análisis dinámico no lineal, se obtuvieron historias de desplazamiento, cortante basal, aceleraciones y estados de rótulas plásticas para cada registro sísmico aplicado. Estos resultados constituyen la base para la evaluación del nivel de desempeño estructural del SUM, permitiendo una comparación directa con los resultados obtenidos mediante el análisis estático no lineal desarrollado en los objetivos anteriores.

Derivas máximas por piso del SUM – Análisis tiempo–historia (Dirección X)

Piso	Deriva máxima (Δ/h)	Equivalente	Verificación E.030
1° Piso	0.002954	1/339	Cumple
2° Piso	**0.004024**	1/249	Cumple
3° Piso	0.003271	1/306	Cumple
Máxima global	**0.004024**	1/249	Cumple

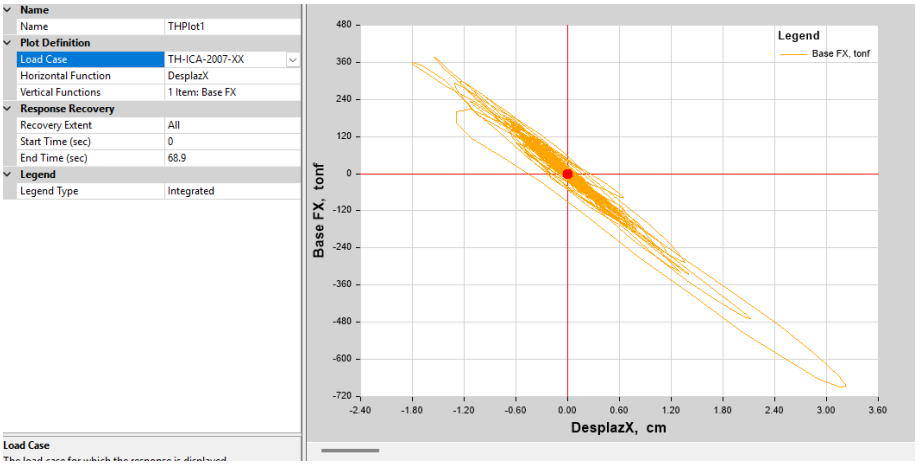
La mayor deriva en la dirección X se presenta en el segundo piso, con un valor de 0.004024, el cual es significativamente menor al límite máximo permitido por la Norma E.030 para edificaciones de concreto armado (0.007). Esto indica que la estructura presenta un comportamiento adecuado frente a solicitaciones sísmicas en esta dirección, manteniendo deformaciones controladas y sin riesgo de daño estructural significativo

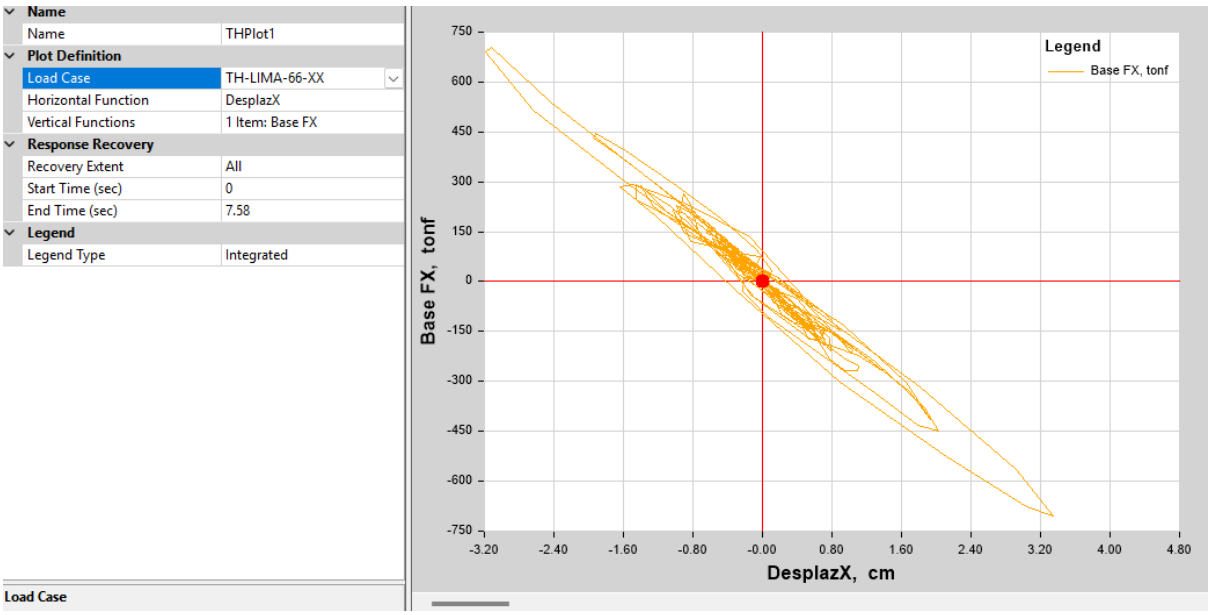
Desplazamientos máximos globales del SUM – Análisis tiempo–historia (Dirección X)

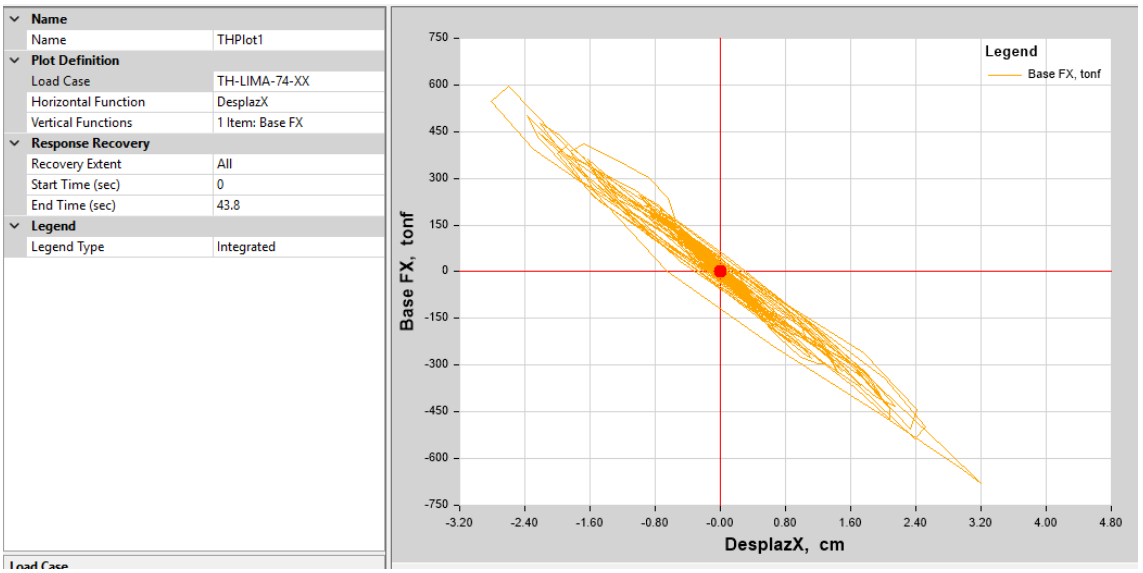
Piso	Desplazamiento máximo (m)	Desplazamiento máximo (cm)
X	**0.0133**	**1.33**

El desplazamiento máximo global en la dirección X alcanza un valor de 1.33 cm, obtenido a partir de la deriva máxima del piso crítico. Este desplazamiento es reducido en relación con la altura total de la edificación y se encuentra dentro de rangos aceptables para edificaciones de este tipo, lo que indica un adecuado control de desplazamientos laterales bajo acciones sísmicas severas.

Gráficos de desplazamientos en dirección X

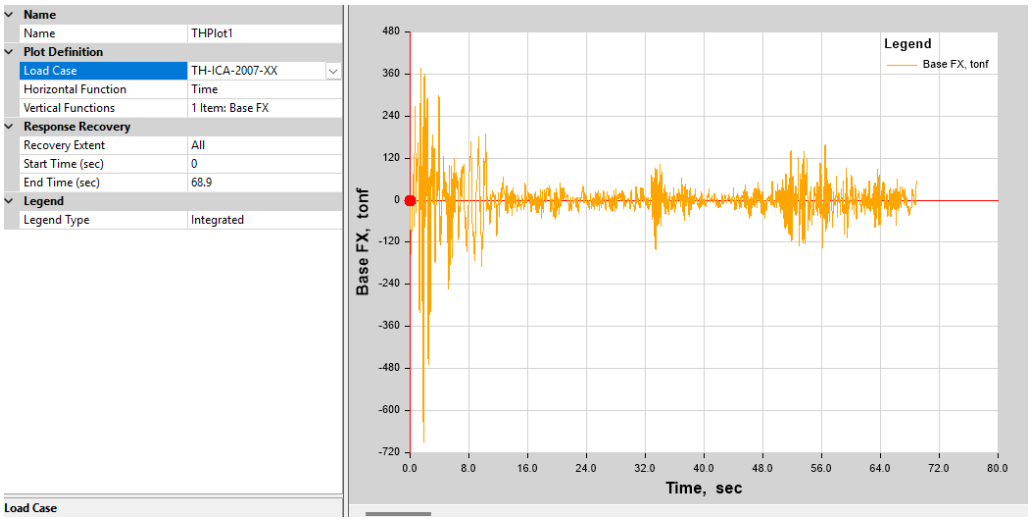


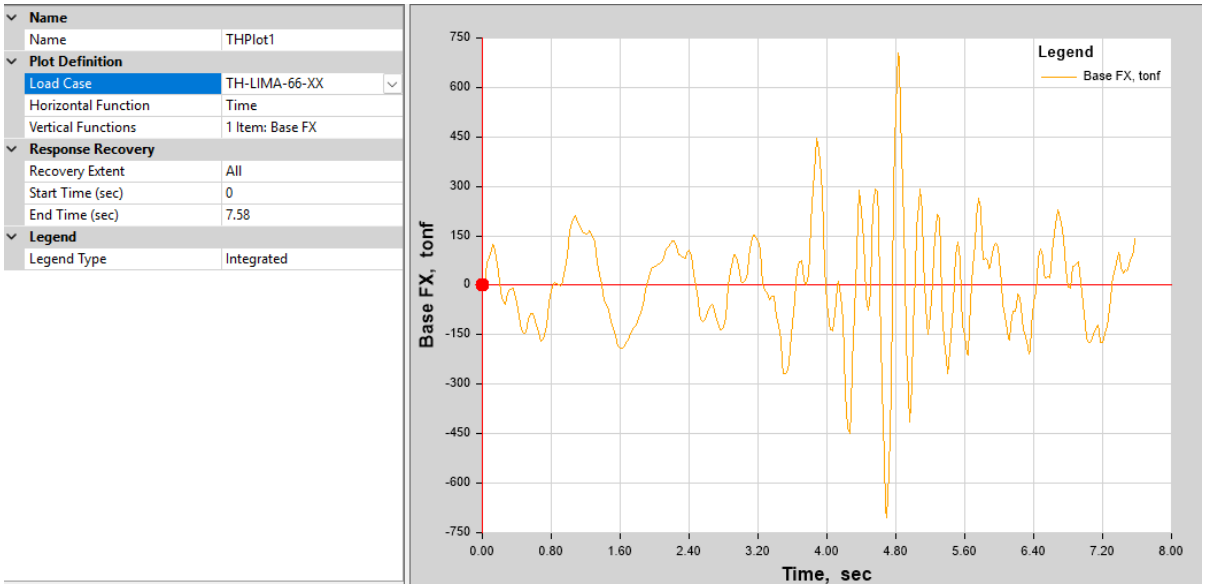


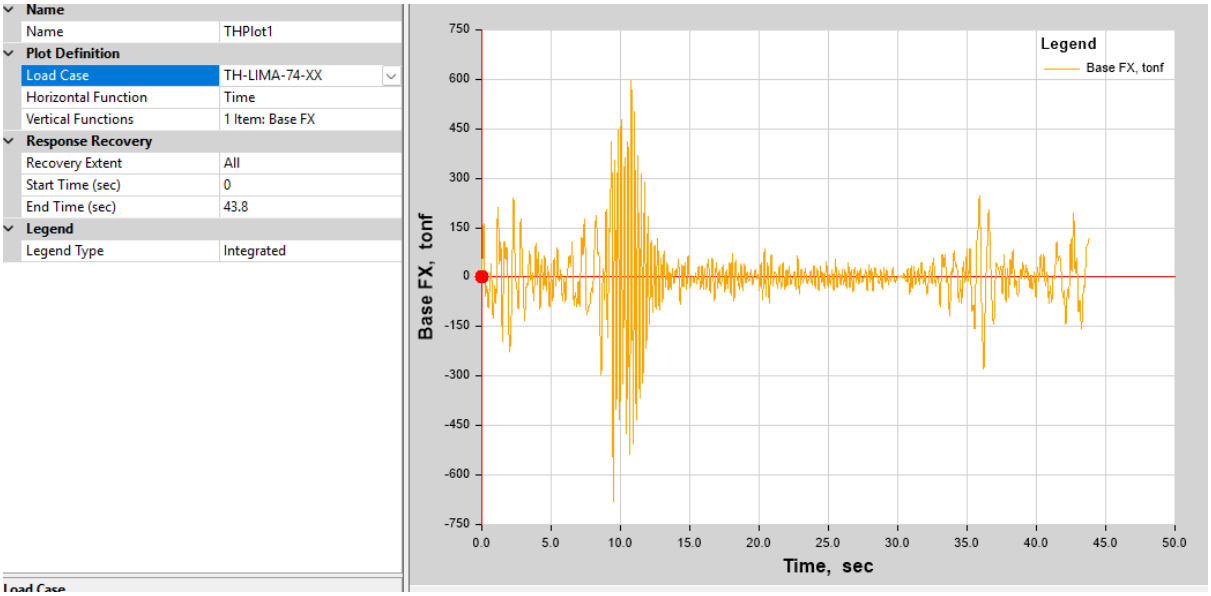


La figura muestra el diagrama histérico de fuerza cortante basal versus desplazamiento global del SUM del colegio obtenido del análisis dinámico no lineal tiempo historia en la dirección X, donde se observa una respuesta estructural estable y controlada durante toda la excitación sísmica, evidenciada por la formación de lazos histéricos continuos y bien definidos que reflejan una adecuada disipación de energía sin pérdida abrupta de rigidez ni resistencia; los desplazamientos máximos alcanzados se mantienen dentro de rangos compatibles con las derivas previamente verificadas, sin indicios de inestabilidad, colapso progresivo o concentración excesiva de deformaciones, lo cual confirma que la estructura no desarrolla mecanismos de falla global y presenta un comportamiento predominantemente elástico–inelástico controlado, asociado a un nivel de desempeño aceptable del tipo **IO–LS**, en concordancia con los criterios de evaluación sísmica establecidos en FEMA 356 y FEMA 440, validando así la capacidad del sistema estructural para responder adecuadamente frente a sismos severos representativos del contexto sísmico peruano.

Gráfica de Historia de cortante basal en función del tiempo







La gráfica corresponde al historial de fuerza cortante basal (Base FX) en función del tiempo, obtenido del análisis dinámico no lineal tiempo-historia del SUM del colegio para el sismo en la dirección X. En ella se aprecia que la mayor demanda sísmica se concentra en los primeros segundos del registro, donde se presentan picos elevados de fuerza positiva y negativa asociados a la llegada de las fases más intensas del movimiento sísmico; posteriormente, la respuesta disminuye progresivamente y se mantiene oscilando alrededor del eje cero con amplitudes menores, lo que indica una adecuada disipación de energía y ausencia de amplificación inestable de la respuesta. La alternancia de signos en la fuerza cortante refleja el comportamiento dinámico esperado del sistema estructural bajo excitación sísmica, mientras

que la reducción de los picos a lo largo del tiempo evidencia que la estructura no entra en un régimen de degradación severa de rigidez o resistencia. En conjunto, esta respuesta confirma que el sistema estructural del SUM presenta un comportamiento estable y controlado frente al sismo considerado, coherente con los niveles de desempeño aceptables obtenidos en términos de derivas y desplazamientos máximos.

Derivas máximas por piso del SUM – Análisis tiempo–historia (Dirección Y)

Piso	Deriva máxima (Δ/h)	Equivalente	Verificación E.030
1° Piso	0.000152	1/6581	Cumple
2° Piso	**0.000185**	1/5406	Cumple
3° Piso	0.000165	1/6052	Cumple
Máxima global	**0.000185**	1/5406	Cumple

En la dirección Y se observan derivas considerablemente menores en comparación con la dirección X, evidenciando una mayor rigidez estructural en este sentido. La deriva máxima registrada es de 0.000185, valor muy por debajo del límite normativo, lo que confirma que la estructura responde de manera favorable ante la demanda sísmica, con deformaciones prácticamente despreciables.

Desplazamiento máximo del análisis dinámico no lineal tiempo–historia – Dirección Y

Piso	Desplazamiento máximo (m)	Desplazamiento máximo (cm)
Y	**0.006**	**0.06**

El desplazamiento máximo global en la dirección Y es de apenas 0.06 cm, confirmando la alta rigidez de la estructura en esta dirección. Este resultado es coherente con los valores reducidos de deriva obtenidos y demuestra que el SUM presenta un desempeño sísmico muy favorable, con una respuesta esencialmente elástica frente a los registros sísmicos analizados.

Tanque Elevado

Generalidades

- La edificación fue evaluada estructuralmente con la finalidad de conocer su comportamiento frente a solicitaciones sísmicas.

- El análisis se desarrolló conforme a lo establecido en el Reglamento Nacional de Edificaciones (RNE).
- La caracterización estructural constituye la base para la posterior aplicación de análisis estático y dinámico no lineal.

Normativa empleada

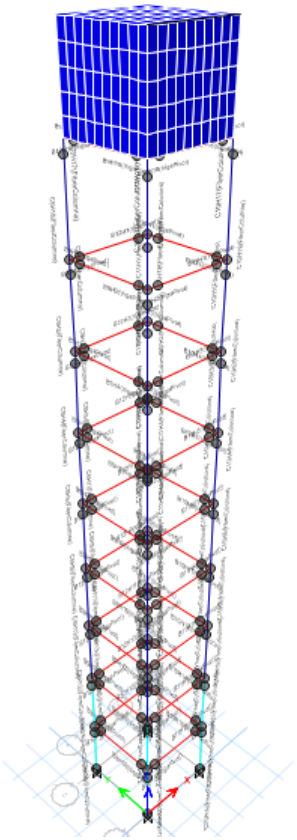
Para la evaluación estructural del módulo de aulas se emplearon las siguientes normas:

- Reglamento Nacional de Edificaciones:
    - NTE E.020 – Cargas
    - NTE E.030 – Diseño Sismorresistente
    - NTE E.050 – Suelos y Cimentaciones
    - NTE E.060 – Concreto Armado
    - NTE E.070 – Albañilería
- Norma internacional:
    - ACI 318 – 2019

Descripción estructural de la edificación

- Sistema estructural predominante:
    - Pórticos de concreto armado.
- Número de niveles:
    - Ocho (08) niveles.
- Altura total aproximada:
    - 23.60 m.
- Comportamiento estructural:
    - Resistencia a cargas gravitacionales y sísmicas mediante vigas y columnas de concreto armado.

Estructura general



Clasificación y uso de la edificación

- Uso de la edificación:
  - Institución educativa (Servicios).
- Categoría según la NTE E.030:
  - Categoría A – Edificaciones esenciales.
- Factor de uso adoptado:
  - U = 1.5.

Materiales estructurales

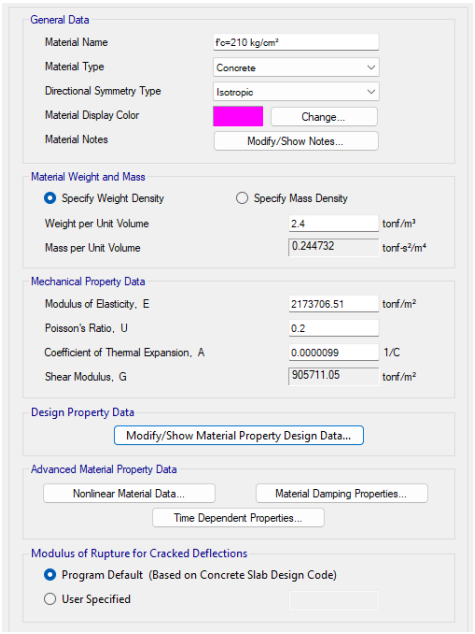
Concreto armado

Se definió el material de concreto considerando una resistencia a la compresión de 210 kgf/cm², a la cual se le asignó un peso unitario de 2400 kgf/m³, conforme a lo establecido en la Norma E.020 – Cargas (2020). Asimismo, de acuerdo con la Norma E.060 – Concreto Armado (2020), el módulo de elasticidad del concreto se determinó empleando la expresión que relaciona dicho parámetro con la raíz cuadrada de la resistencia a la compresión especificada.

Adicionalmente, para representar adecuadamente el comportamiento elástico del material, se adoptó un coeficiente de Poisson igual a 0,15, valor comúnmente utilizado para el concreto armado.

- Resistencia a la compresión:
    - f'c = 210 kg/cm².
- Módulo de elasticidad:
    - E = 217,370.65 kg/cm².
- Coeficiente de Poisson:
    - ν = 0.15.
- Peso específico:
    - γ = 2,400 kg/m³.

Asignación de las propiedades del concreto armado



Nota: Se muestran los parámetros finales asignados al material de concreto en el software de análisis estructural

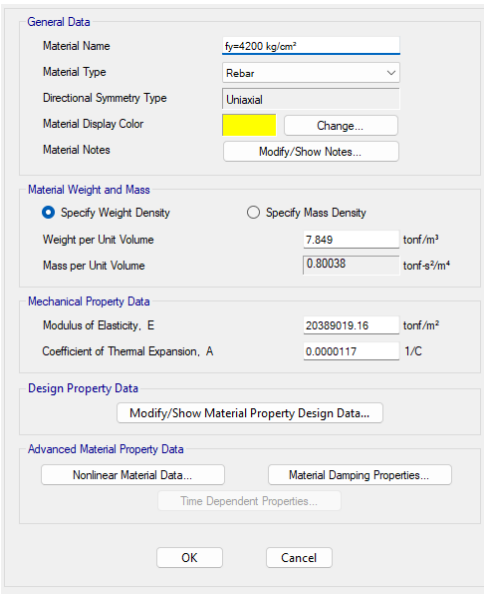
Acero de refuerzo

El material correspondiente al acero estructural fue definido considerando un esfuerzo de fluencia de 4200 kgf/cm², al cual se le asignó un peso unitario de 7850 kgf/m³, de acuerdo

con lo indicado en la Norma E.020 – Cargas (2020). Asimismo, para caracterizar su comportamiento elástico, se adoptó un módulo de elasticidad de 20 000 000 kgf/cm², valor representativo del acero estructural.

- Tipo de acero:
    - Acero corrugado ASTM A615 Grado 60.
- Esfuerzo de fluencia:
    - fy = 4,200 kg/cm².
- Módulo de elasticidad:
    - E = 20,000,000 kgf/cm².

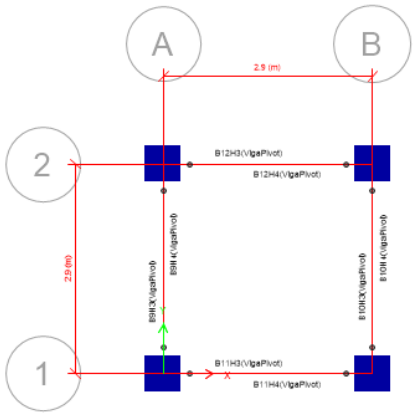
Asignación de Acero de Refuerzo



Notas: se presentan los parámetros finales utilizados para la definición del material de acero en el software de análisis estructural.

Elementos estructurales

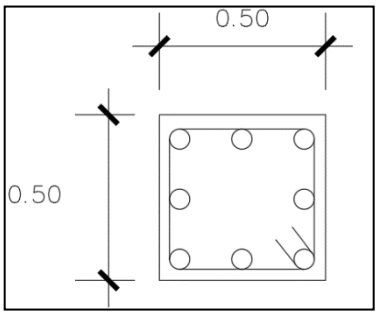
Planta típica en los tres niveles



Columnas

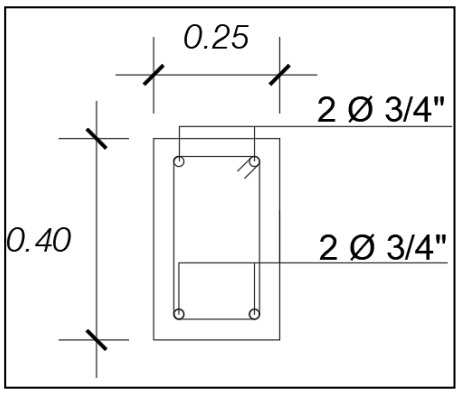
Las columnas del Tanque elevado presentan las siguientes secciones:

- Sección rectangular:
  - 50 × 50 cm.



Vigas

- Vigas principales:
  - Sección 25 × 40 cm.



Condiciones sísmicas del sitio

- Ubicación sísmica:
    - Zona Sísmica 4.
- Factor de zona:
    - Z = 0.45.
- Tipo de suelo:
    - Suelo blando (S3).
- Parámetros de sitio:
    - Factor de suelo S = 1.10.
    - Período Tp = 1.00 s.
    - Período Tl = 1.60 s.

Regularidad estructural

De acuerdo con las verificaciones realizadas según la Norma Técnica E.030:

- Regularidad en altura:
    - No se presentan irregularidades de rigidez.
    - No se presentan irregularidades de resistencia.
    - No se presenta irregularidad de masa.
- Regularidad en planta:
    - No se identifican irregularidades torsionales.
    - No existen discontinuidades en diafragmas.
- Clasificación final:
    - Estructura regular en ambas direcciones (X e Y).
- Factores adoptados:
    - Factor de irregularidad en altura: Ia = 1.0.
    - Factor de irregularidad en planta: Ip = 1.0.

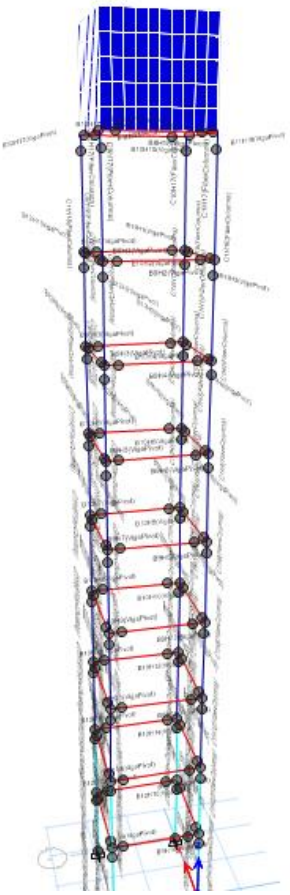
Irregularidades estructurales en Altura

TABLA N° 8 - NTE (E.030) IRREGULARIDADES ESTRUCTURALES EN ALTURA	Factor de Irregularidad I_a
Irregularidad de Rigidez – Piso Blando	0.75
Irregularidades de Resistencia – Piso Débil	
Irregularidad Extrema de Rigidez	0.50
Irregularidad Extrema de Resistencia	
Irregularidad de Masa o Peso	0.90
Irregularidad Geométrica Vertical	0.90
Discontinuidad en los Sistemas Resistentes	0.80
Discontinuidad extrema de los Sistemas Resistentes	0.60

Irregularidades estructurales en Altura

TABLA N° 9 - NTE (E.030) IRREGULARIDADES ESTRUCTURALES EN PLANTA	Factor de Irregularidad I_p
Irregularidad Torsional	0.75
Irregularidad Torsional Extrema	0.60
Esquinas Entrantes	0.90
Discontinuidad del Diafragma	0.85
Sistemas no Paralelos	0.90

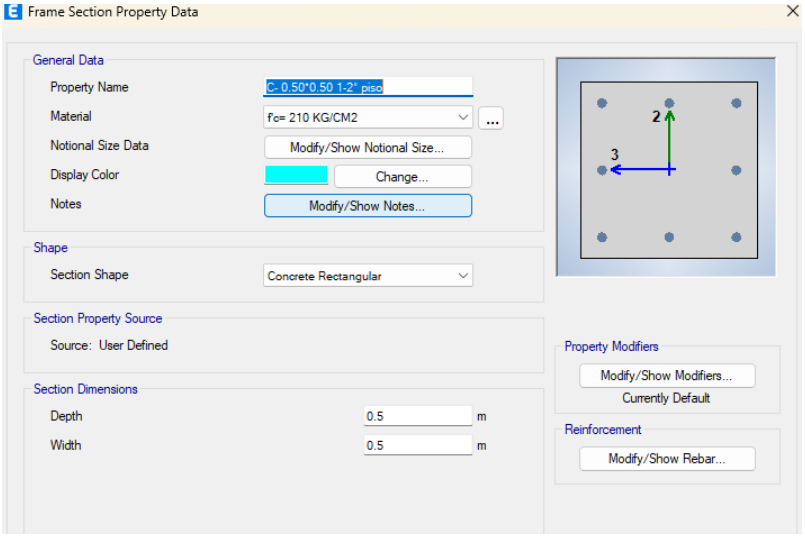
Modelo en Etabs

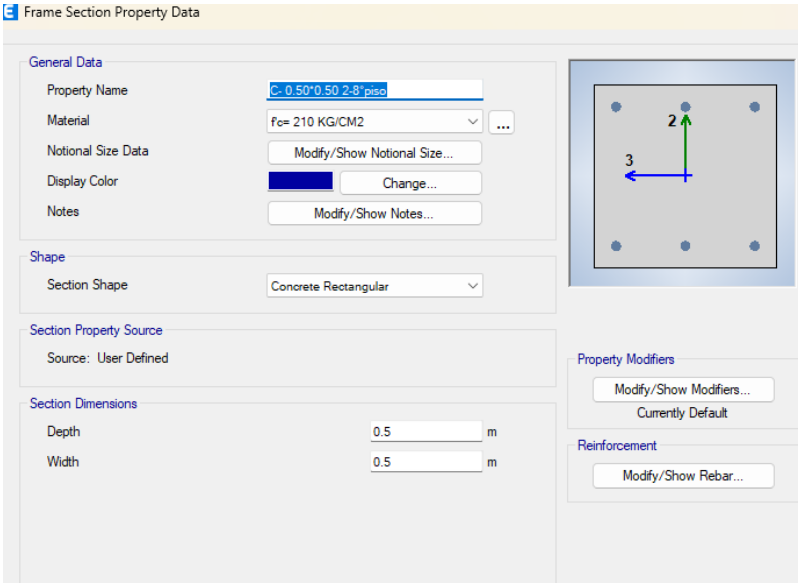


Columnas

- Sección rectangular: 50 × 50 cm.

Sección definida de la columna rectangular

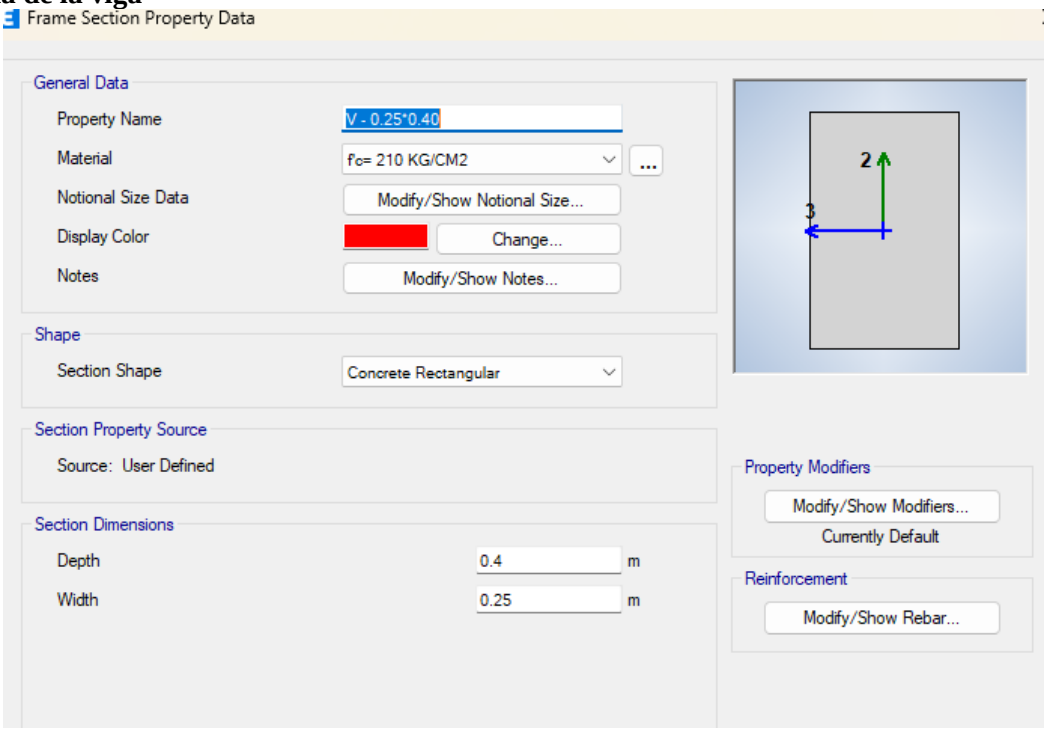




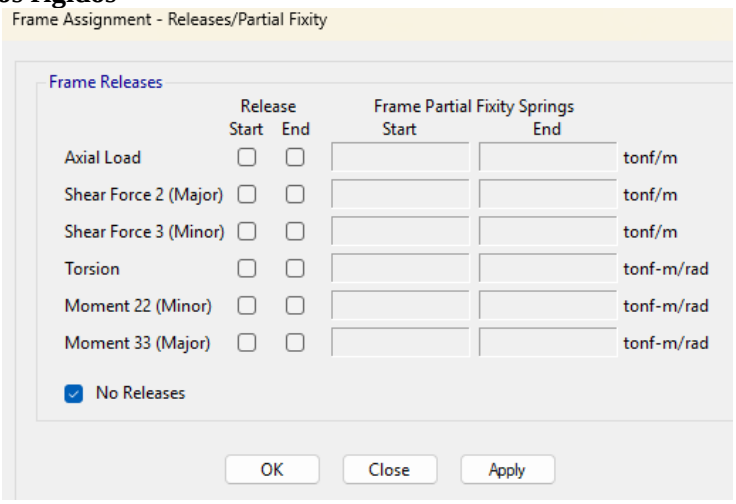
Vigas

- Vigas principales: Sección 25 × 40 cm.

Sección definida de la viga



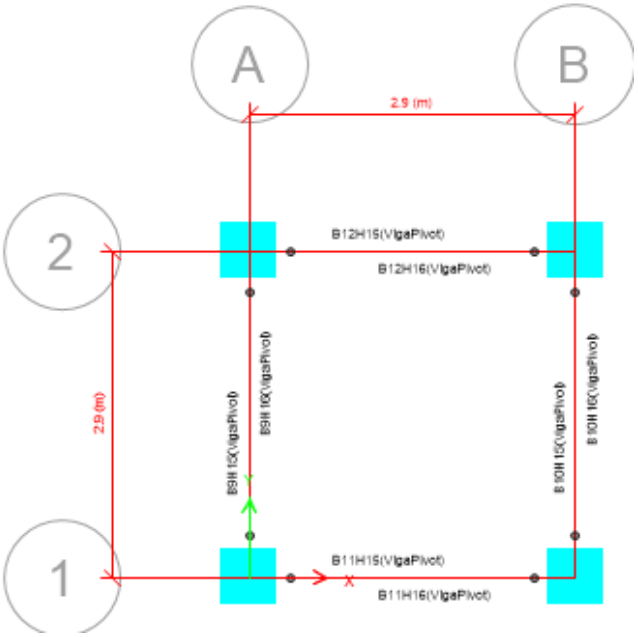
Asignación de nudos rígidos



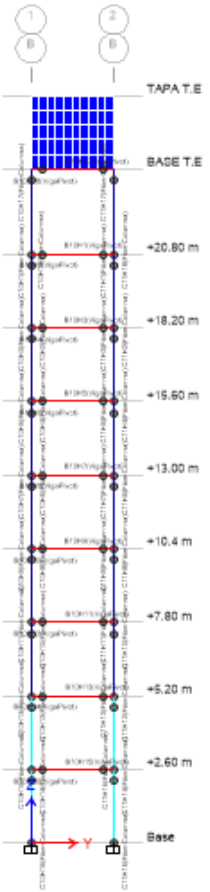
Los elementos estructurales fueron modelados considerando nudos rígidos, no asignándose liberaciones de momento, cortante ni axial en las conexiones viga–columna. Esta condición fue verificada en el software ETABS mediante la opción Frame Releases/Partial Fixity, confirmándose la ausencia de liberaciones en los extremos de los elementos estructurales, lo cual garantiza una adecuada transmisión de esfuerzos entre vigas y columnas.

Modelamiento del Tanque elevado

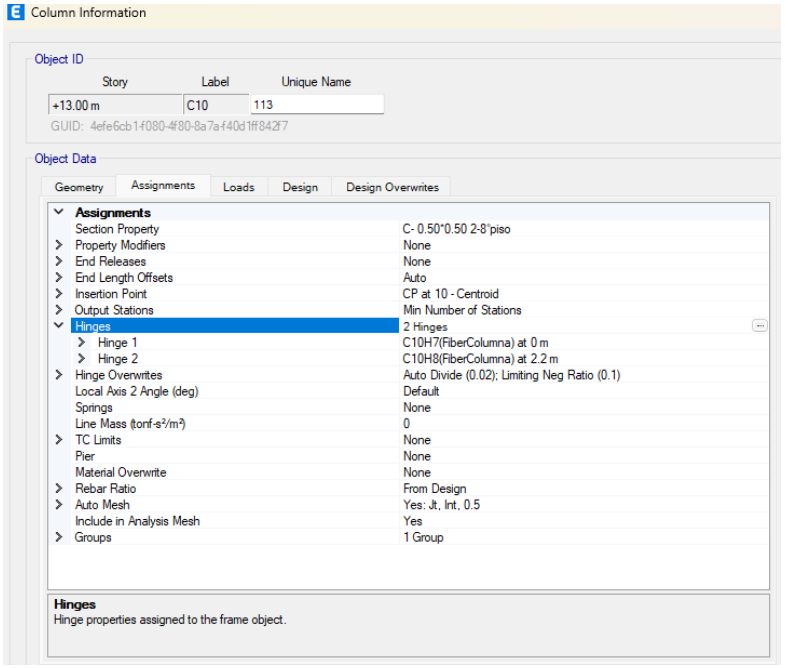
Modelamiento del Tanque elevado- Planta típica



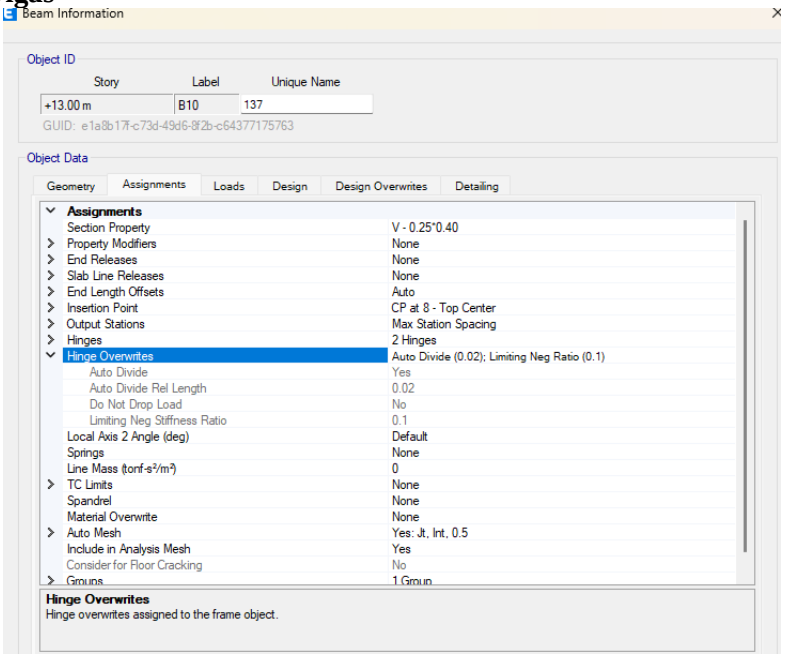
Determinación de rotulas plásticas en los diferentes niveles



Información de columnas

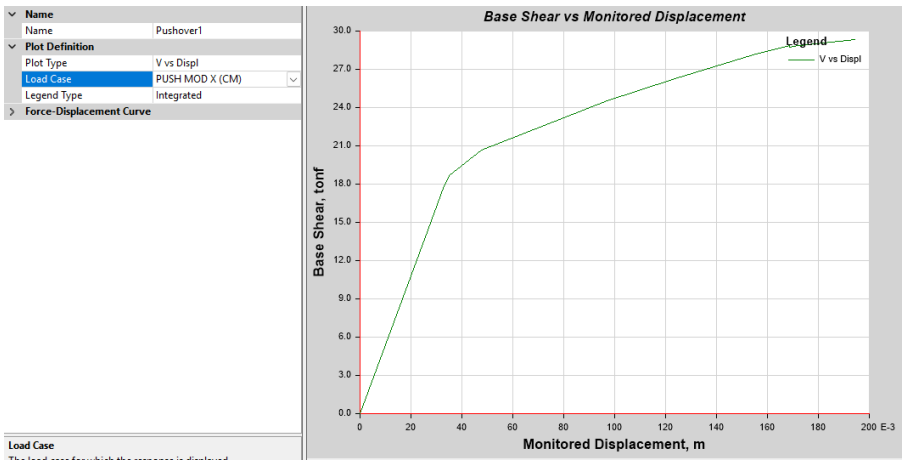


Información de vigas



Análisis estático no lineal tipo Pushover del Tanque elevado

Curva de capacidad en dirección X-X

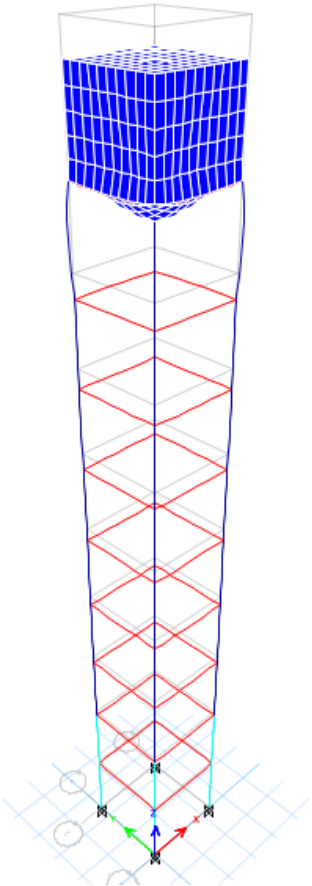


Cortante basal, desplazamiento y estado en dirección X-X

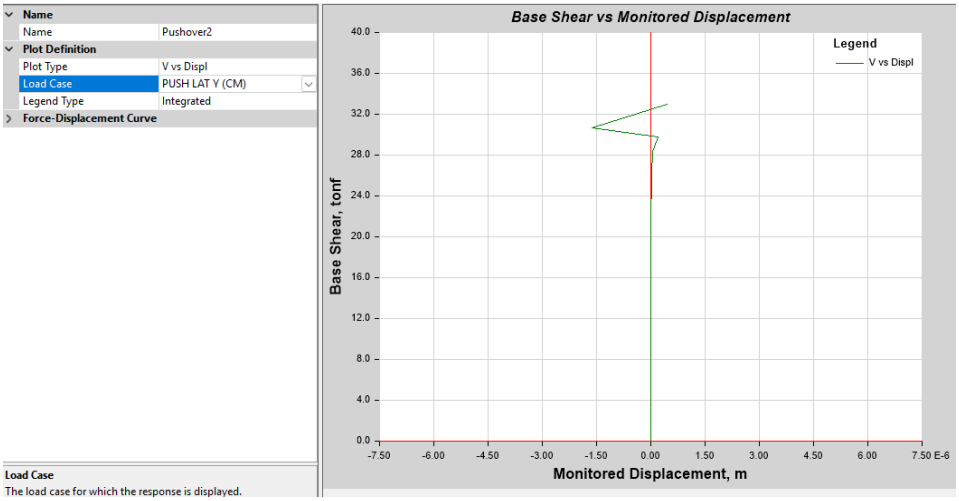
Step	Monitored Displ	Base Force	A-B	B-C	C-D	D-E	>E	A-IO	IO-LS	LS-CP	>CP	Total
	m	tonf										
0	0	0	144	0	0	0	0	144	0	0	0	144
1	0.026667	8.5185	144	0	0	0	0	144	0	0	0	144
2	0.037443	11.9608	140	4	0	0	0	144	0	0	0	144
3	0.038748	12.2448	128	16	0	0	0	144	0	0	0	144
4	0.042138	12.5854	120	24	0	0	0	144	0	0	0	144
5	0.090386	14.9522	112	32	0	0	0	144	0	0	0	144
6	0.117052	16.1051	112	32	0	0	0	144	0	0	0	144
7	0.143719	17.2581	112	32	0	0	0	144	0	0	0	144
8	0.170386	18.411	112	32	0	0	0	136	8	0	0	144
9	0.199823	19.5345	108	36	0	0	0	128	16	0	0	144
10	0.217568	20.135	104	40	0	0	0	124	20	0	0	144
11	0.244235	20.4851	104	40	0	0	0	122	22	0	0	144
12	0.270901	20.8496	104	40	0	0	0	116	28	0	0	144
13	0.307752	21.2987	100	44	0	0	0	112	32	0	0	144
14	0.334419	21.5569	100	44	0	0	0	112	32	0	0	144
15	0.361085	21.8415	100	44	0	0	0	112	32	0	0	144
16	0.375341	21.9841	100	40	4	0	0	112	32	0	0	144
17	0.375345	20.0021	100	36	4	4	0	112	28	4	0	144
18	0.375349	18.0279	98	38	0	8	0	112	24	8	0	144
19	0.382201	18.7277	98	38	0	8	0	112	24	8	0	144
20	0.385225	18.876	98	34	4	8	0	112	24	8	0	144
21	0.385229	16.866	98	34	0	12	0	112	20	12	0	144
22	0.390524	17.4639	98	34	0	12	0	112	20	12	0	144
23	0.394299	17.7	98	34	0	12	0	112	20	12	0	144
24	0.396753	17.7897	98	34	0	12	0	112	20	12	0	144
25	0.4	17.8371	98	34	0	12	0	112	20	12	0	144

En la dirección X, los resultados del análisis pushover del tanque elevado evidencian un comportamiento estructural progresivo y estable. En los primeros pasos del análisis, la totalidad de las rótulas plásticas se concentra en el rango A–B, lo que indica una respuesta predominantemente elástica y ausencia de daño estructural significativo. Conforme el desplazamiento monitoreado aumenta, se observa una transición gradual hacia el rango B–C, reflejando el inicio del comportamiento inelástico controlado sin pérdida abrupta de rigidez ni resistencia. El cortante basal alcanza un valor máximo cercano a 21.8 tonf para desplazamientos del orden de 0.36 m, punto a partir del cual se aprecia una ligera degradación de resistencia asociada al comportamiento post-pico. Durante todo el análisis, la mayoría de los elementos permanece en el estatus A–IO, con una participación moderada del rango IO–LS, sin que se desarrollen rótulas en estados LS–CP o >CP, lo cual confirma que, incluso ante incrementos significativos de demanda, la estructura no alcanza condiciones de daño severo ni colapso.

Modo shape (modal) dirección X-X



Curva de capacidad en dirección Y-Y



Cortante basal, desplazamiento y estado en dirección Y-Y

Step	Monitored Displ	Base Force	A-B	B-C	C-D	D-E	>E	A-IO	IO-LS	LS-CP	>CP	Total
	m	tonf										
0	0	0	144	0	0	0	0	144	0	0	0	144
1	6.212E-09	12.7843	142	2	0	0	0	144	0	0	0	144
2	1.021E-08	21.1726	112	32	0	0	0	144	0	0	0	144
3	2.338E-08	26.2416	108	36	0	0	0	144	0	0	0	144
4	3.874E-08	28.3921	106	38	0	0	0	128	16	0	0	144
5	1.925E-07	29.743	102	42	0	0	0	122	22	0	0	144
6	1.925E-07	29.7911	102	42	0	0	0	120	24	0	0	144
7	-0.000002	30.7066	98	46	0	0	0	116	28	0	0	144
8	0.000000461	32.9414	31	37	1	27	48	54	11	11	68	144

En la dirección Y, el análisis pushover muestra una respuesta inicial altamente rígida, caracterizada por desplazamientos extremadamente reducidos en los primeros pasos del análisis y una rápida movilización del cortante basal, alcanzando valores superiores a 28 tonf con desplazamientos prácticamente nulos. En esta etapa, la mayoría de las rótulas se mantiene en el rango A–B, evidenciando un comportamiento esencialmente elástico. A medida que la demanda sísmica aumenta, se observa una transición progresiva hacia el rango B–C, acompañada por la aparición del estatus A–IO, sin pérdida significativa de capacidad resistente. No obstante, en el último step del análisis, correspondiente a un nivel de demanda extremo y superior al punto de desempeño estructural, se identifican rótulas en estados LS–CP y >CP, lo que indica el inicio de mecanismos locales de daño severo y una posible condición incipiente de colapso en algunos elementos. Sin embargo, estos estados críticos se presentan únicamente bajo desplazamientos no representativos del sismo de diseño, por lo que no reflejan el

comportamiento esperado de la estructura en condiciones reales. En términos generales, el tanque elevado presenta una alta capacidad resistente en dirección Y, alcanzando estados de daño severo.

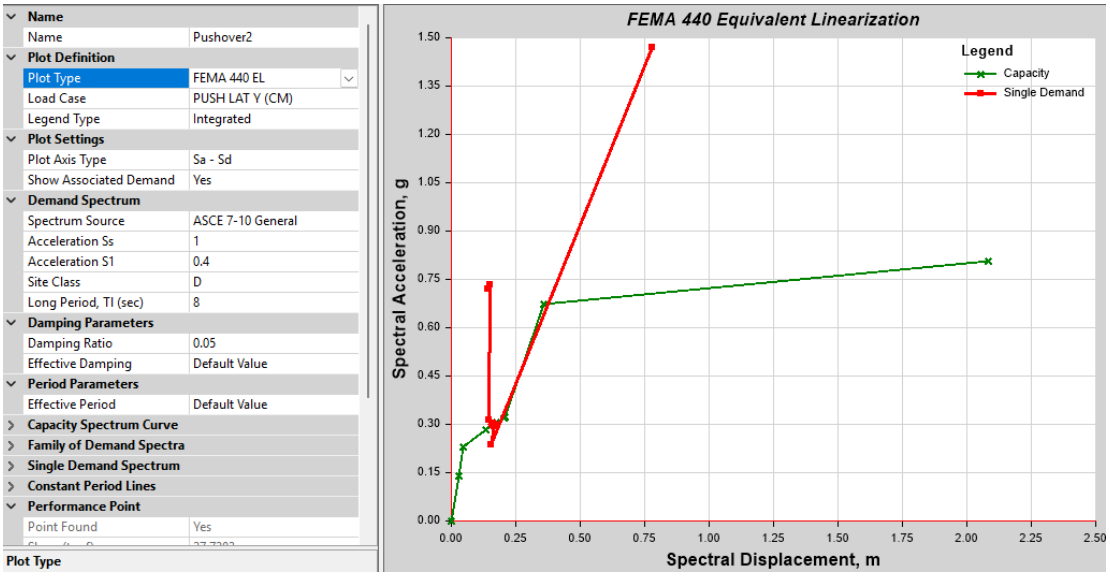
Curva de capacidad para identificar el punto de desempeño estructural del Tanque elevado

Conversión de la curva Pushover a curva de capacidad

A partir de los resultados obtenidos en el análisis estático no lineal (Pushover), se procedió a transformar las curvas de cortante basal versus desplazamiento del nodo de control en curvas de capacidad, expresadas en términos de aceleración espectral (Sa) y desplazamiento espectral (Sd). Esta transformación permite representar el comportamiento global del pabellón de aulas mediante un sistema equivalente de un grado de libertad, conforme a los lineamientos establecidos en FEMA 440.

Para esta conversión se emplearon los valores de desplazamiento incremental, cortante basal y estado de rótulas obtenidos anteriormente, considerando el modo de vibración predominante y los parámetros dinámicos de la estructura. De este modo, se obtuvo la curva Sa–Sd para cada dirección analizada.

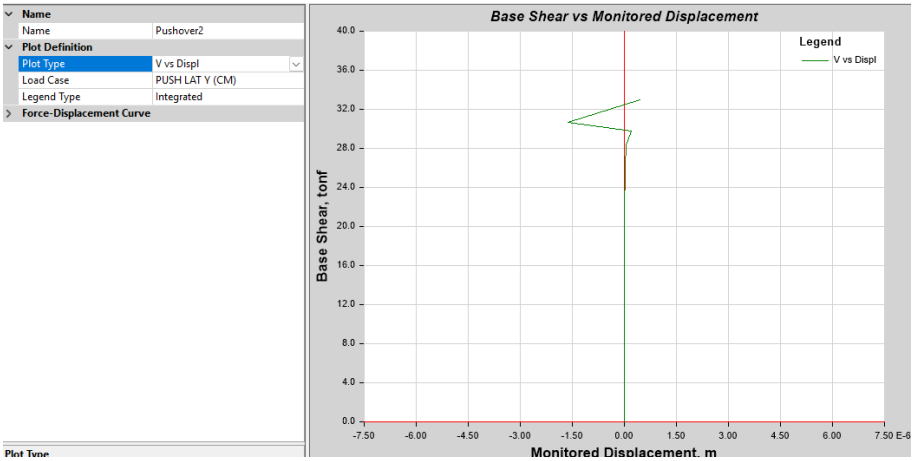
Curva de capacidad del Tanque elevado – Dirección X



FEMA 440 Equivalent Linearization

Sd	Sa	Period
m	g	sec
0	0	0
0.027151	0.138991	0.887
0.046496	0.229187	0.904
0.132077	0.284335	1.367
0.173486	0.306754	1.509
0.205648	0.321324	1.605
0.206666	0.3218	1.608
0.356639	0.674539	1.459
2.083697	0.806744	3.225

Curva de capacidad del Tanque elevado – Dirección Y



La gráfica de linealización equivalente según FEMA 440 evidencia una incompatibilidad entre la capacidad estructural y la demanda sísmica para el tanque elevado en la dirección analizada. La curva de capacidad (línea verde) muestra una rigidez inicial relativamente baja y una pendiente moderada, lo que indica que la estructura desarrolla desplazamientos espectrales significativos para incrementos relativamente pequeños de aceleración espectral. Por otro lado, el espectro de demanda sísmica (línea roja) presenta aceleraciones espectrales elevadas incluso para desplazamientos espectrales reducidos, lo que refleja una alta exigencia sísmica impuesta al sistema estructural.

La intersección entre la curva de capacidad y el espectro de demanda ocurre a un desplazamiento espectral elevado, del orden de aproximadamente 0.25 a 0.30 m, y con una aceleración espectral cercana a 0.65–0.70 g, ubicándose claramente en un tramo avanzado de la curva de capacidad, donde la rigidez ya ha disminuido de manera significativa. Este punto de desempeño se asocia a un estado inelástico pronunciado, consistente con la aparición de

rótulas plásticas en rangos IO–LS, LS–CP e incluso >CP, tal como se evidenció en los resultados del análisis pushover en dirección Y.

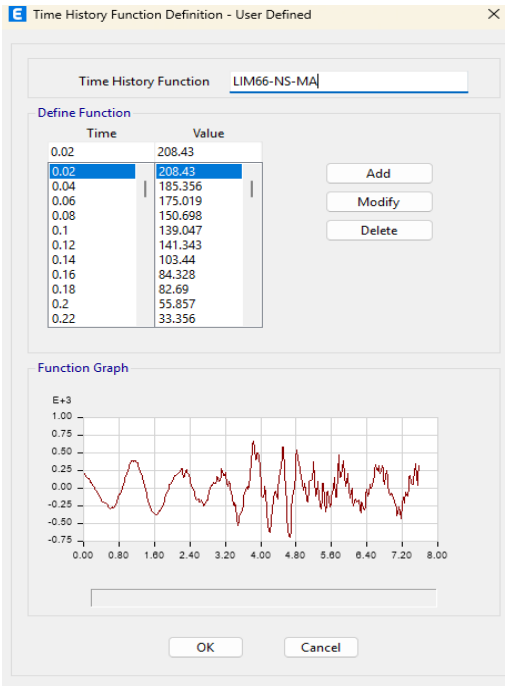
Asimismo, la separación observable entre la demanda y la capacidad en los primeros tramos indica que la estructura no es capaz de satisfacer la demanda sísmica dentro del rango elástico ni de ocupación inmediata, requiriendo deformaciones importantes para equilibrar la acción sísmica. Esto confirma que el nivel de desempeño alcanzado no corresponde a Immediate Occupancy, sino que se aproxima a un nivel de seguridad de vida (Life Safety) o incluso a condiciones cercanas al colapso incipiente bajo demandas extremas

Análisis dinámico no lineal tiempo–historia del Tanque elevado

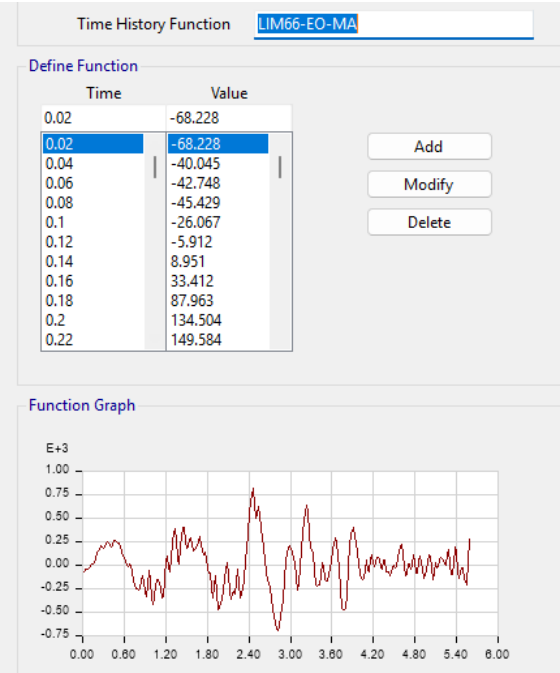
Selección de los registros sísmicos.

Para la ejecución del análisis dinámico no lineal tiempo–historia del Tanque elevado, se seleccionaron registros sísmicos representativos de la zona de estudio, considerando eventos compatibles con el peligro sísmico del territorio peruano. Los acelerogramas empleados corresponden a registros reales escalados, los cuales fueron seleccionados en función de su magnitud, contenido frecuencial y compatibilidad con el espectro de diseño definido por la Norma Técnica E.030. Los registros fueron aplicados en ambas direcciones principales de la estructura (X–X y Y–Y), permitiendo evaluar la respuesta dinámica no lineal del sistema estructural bajo acciones sísmicas realistas.

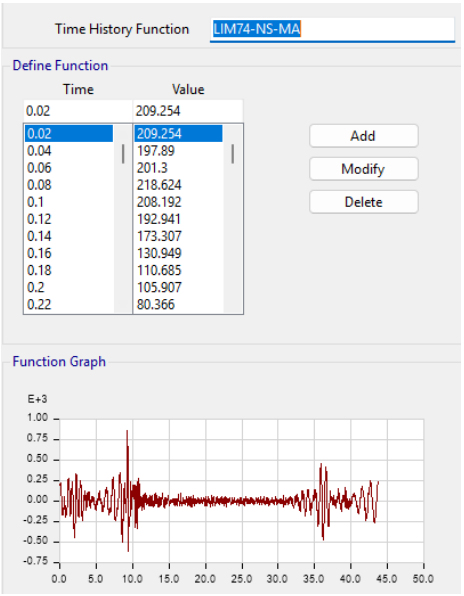
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1966 (componente NS)



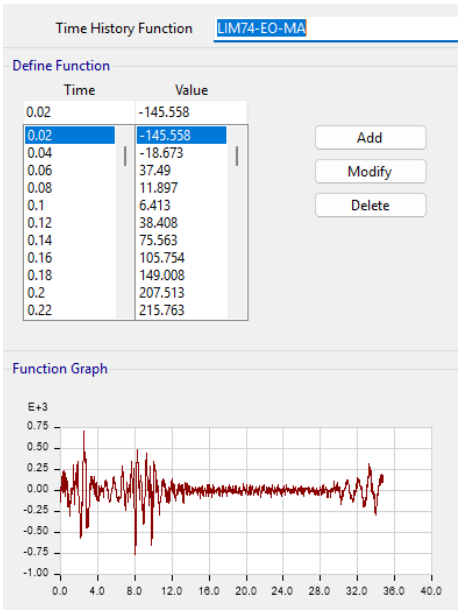
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1966 (componente EO)



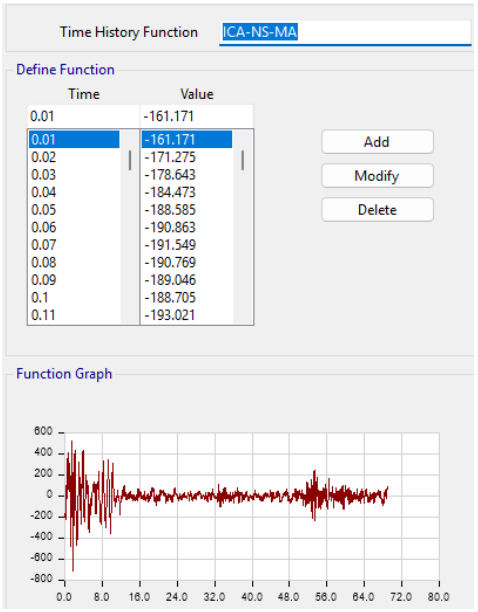
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1974 (componente NS)



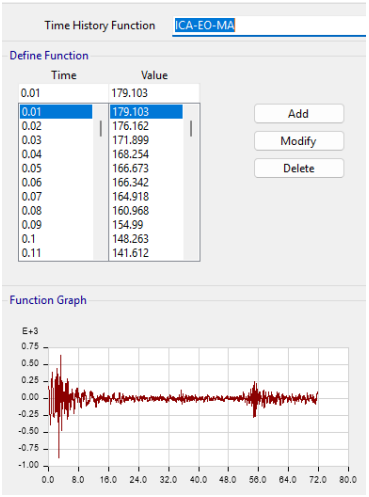
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro Lima 1974 (componente EO)



Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro ICA (componente NS)



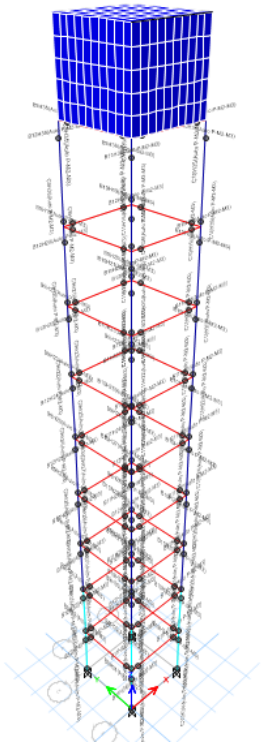
Acelerograma sísmico utilizado en el análisis dinámico no lineal – Registro ICA (componente EO)



Definición del modelo no lineal para análisis dinámico

El modelo estructural desarrollado previamente fue empleado para el análisis dinámico no lineal, incorporando las no linealidades materiales mediante la asignación de rótulas plásticas en vigas y columnas, conforme a los criterios establecidos en FEMA 356. Asimismo, se consideraron los efectos de segundo orden mediante la activación del análisis P–Delta, garantizando una representación más realista del comportamiento estructural frente a solicitaciones sísmicas severas. Las propiedades dinámicas del modelo, tales como masa y amortiguamiento, fueron definidas de manera consistente con los análisis previos.

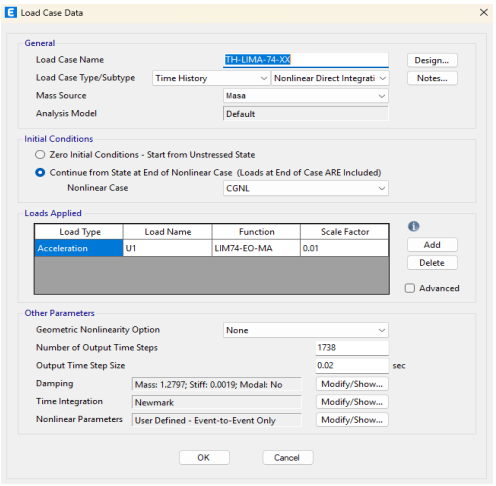
Vista del modelo con rótulas asignadas



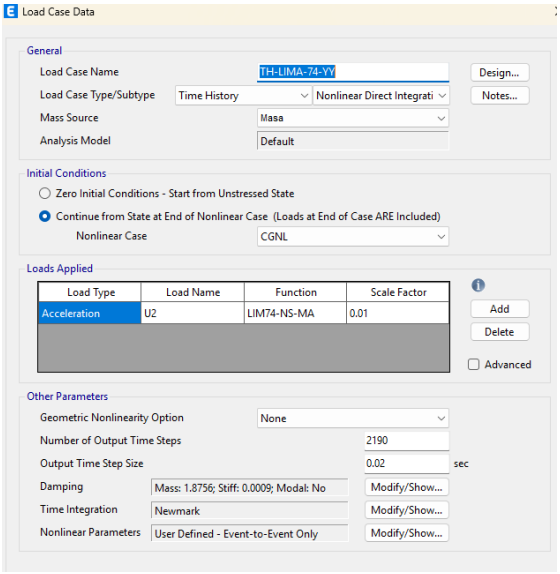
Definición de los casos de carga tiempo–historia

Los registros sísmicos seleccionados fueron definidos en el software como casos de carga de tipo Nonlinear Direct Integration Time History, aplicados independientemente en cada dirección principal de análisis. Cada caso de carga fue configurado considerando el paso de integración adecuado, la duración total del registro y la escala correspondiente, permitiendo capturar la evolución temporal de la respuesta estructural. Para el análisis se consideraron únicamente los casos tiempo–historia y el caso modal necesario para la definición de las propiedades dinámicas, descartando combinaciones lineales adicionales durante la ejecución del análisis, realizado mediante el método Newmark.

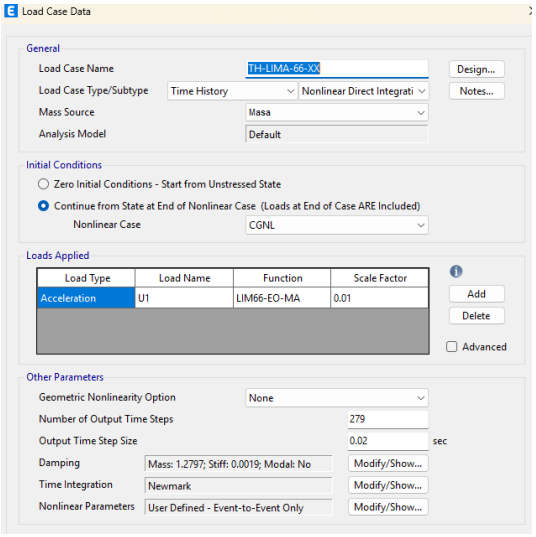
Load case - TH-LIMA-74-XX



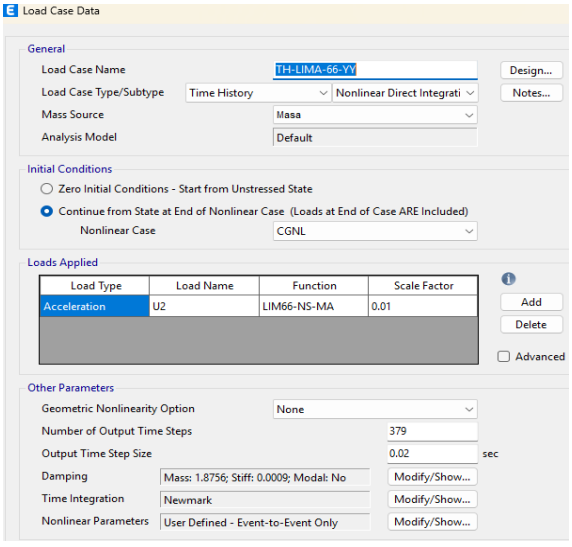
Load case - TH-LIMA-74-YY



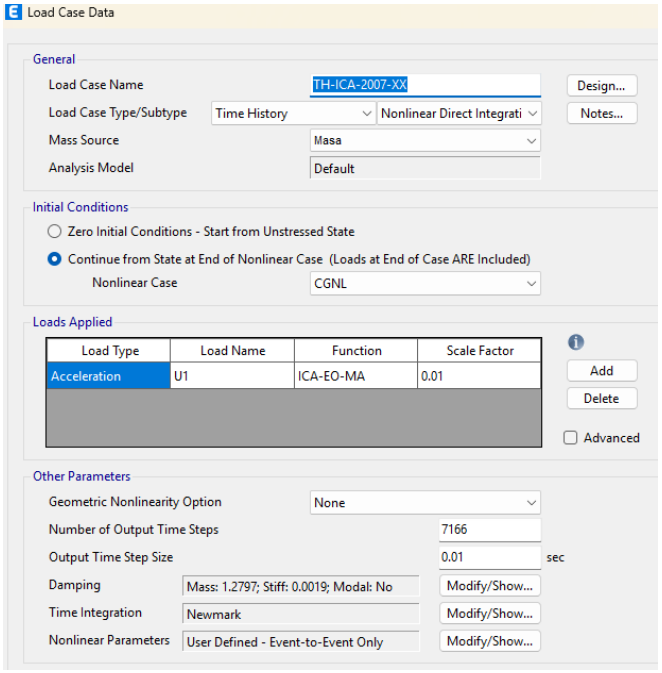
Load case - TH-LIMA-66-XX



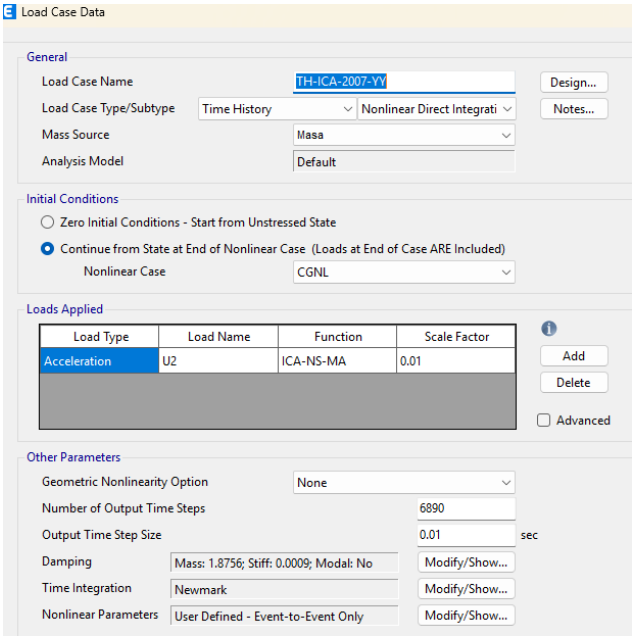
Load case - TH-LIMA-66-YY



Load case - TH-ICA-XX



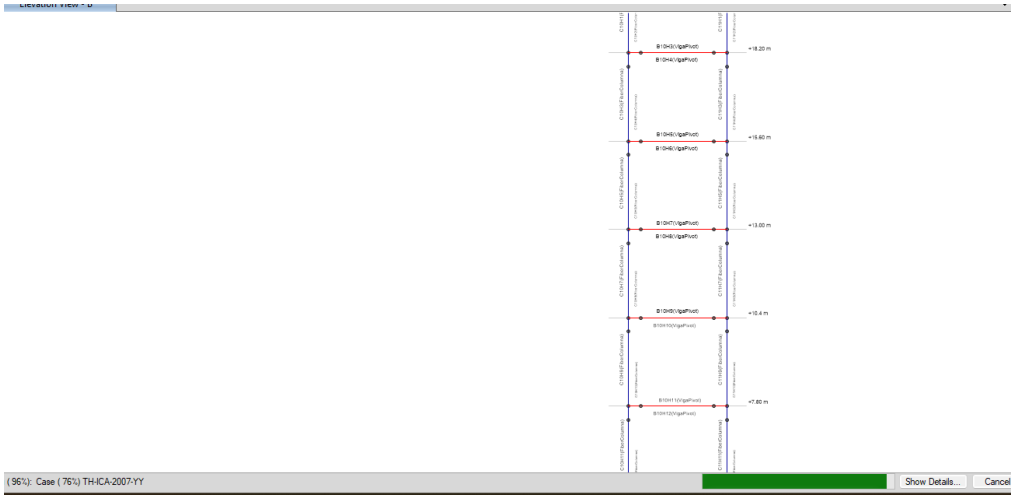
Load case - TH-ICA-YY



Ejecución del análisis dinámico no lineal

Una vez definidos los registros sísmicos y los casos de carga correspondientes, se procedió a ejecutar el análisis dinámico no lineal tiempo–historia del Tanque elevado. El análisis permitió evaluar la evolución temporal de las respuestas estructurales, tales como desplazamientos, aceleraciones, fuerzas internas y estados de daño en los elementos estructurales, considerando explícitamente los efectos inelásticos y la redistribución de esfuerzos durante la excitación sísmica.

Ejecución del Análisis no Lineal



Resultados de tanque elevado

TABLE: Story Drifts										
Story	Output Case	Case Type	Step Type	Direction	Drift	Drift/	Label	X	Y	Z
								m	m	m
TAPA T.E	TH-LIMA-74-XX	NonDirHist	Max	X	0.000614	1/652	66	0.00261	0.0029	0.0264
TAPA T.E	TH-LIMA-74-XX	NonDirHist	Min	X	0.000475	1/842	36	0.00116	0.0029	0.0264
TAPA T.E	TH-LIMA-66-XX	NonDirHist	Max	X	0.000619	1/646	240	0.00261	0	0.0264
TAPA T.E	TH-LIMA-66-XX	NonDirHist	Min	X	0.000659	1/607	36	0.00116	0.0029	0.0264
TAPA T.E	TH-ICA-2007-XX	NonDirHist	Max	X	0.000626	1/639	66	0.00261	0.0029	0.0264
TAPA T.E	TH-ICA-2007-XX	NonDirHist	Min	X	0.00064	1/625	66	0.00261	0.0029	0.0264
BASE T.E	TH-LIMA-74-XX	NonDirHist	Max	X	0.002538	1/158	11	0.0029	0.0029	0.0238
BASE T.E	TH-LIMA-74-XX	NonDirHist	Min	X	0.001954	1/205	10	0.0029	0	0.0238
BASE T.E	TH-LIMA-66-XX	NonDirHist	Max	X	0.002498	1/160	10	0.0029	0	0.0238
BASE T.E	TH-LIMA-66-XX	NonDirHist	Min	X	0.002867	1/140	10	0.0029	0	0.0238
BASE T.E	TH-ICA-2007-XX	NonDirHist	Max	X	0.002937	1/136	11	0.0029	0.0029	0.0238
BASE T.E	TH-ICA-2007-XX	NonDirHist	Min	X	0.002664	1/150	11	0.0029	0.0029	0.0238
+20.80 m	TH-LIMA-74-XX	NonDirHist	Max	X	0.004433	1/90	11	0.0029	0.0029	0.0208
+20.80 m	TH-LIMA-74-XX	NonDirHist	Min	X	0.003439	1/116	11	0.0029	0.0029	0.0208
+20.80 m	TH-LIMA-66-XX	NonDirHist	Max	X	0.004362	1/92	10	0.0029	0	0.0208
+20.80 m	TH-LIMA-66-XX	NonDirHist	Min	X	0.004897	1/82	10	0.0029	0	0.0208
+20.80 m	TH-ICA-2007-XX	NonDirHist	Max	X	0.005004	1/80	11	0.0029	0.0029	0.0208
+20.80 m	TH-ICA-2007-XX	NonDirHist	Min	X	0.004637	1/86	11	0.0029	0.0029	0.0208
+18.20 m	TH-LIMA-74-XX	NonDirHist	Max	X	0.005623	1/71	11	0.0029	0.0029	0.0182
+18.20 m	TH-LIMA-74-XX	NonDirHist	Min	X	0.00443	1/90	11	0.0029	0.0029	0.0182
+18.20 m	TH-LIMA-66-XX	NonDirHist	Max	X	0.005533	1/72	10	0.0029	0	0.0182
+18.20 m	TH-LIMA-66-XX	NonDirHist	Min	X	0.006117	1/65	10	0.0029	0	0.0182
+18.20 m	TH-ICA-2007-XX	NonDirHist	Max	X	0.006159	1/65	11	0.0029	0.0029	0.0182
+18.20 m	TH-ICA-2007-XX	NonDirHist	Min	X	0.005897	1/68	11	0.0029	0.0029	0.0182
+15.60 m	TH-LIMA-74-XX	NonDirHist	Max	X	0.006305	1/63	11	0.0029	0.0029	0.0156
+15.60 m	TH-LIMA-74-XX	NonDirHist	Min	X	0.005069	1/79	11	0.0029	0.0029	0.0156

+15.60 m	TH-LIMA-66-XX	NonDirHist	Max	X	0.006193	1/65	10	0.0029	0	0.0156
+15.60 m	TH-LIMA-66-XX	NonDirHist	Min	X	0.006797	1/59	10	0.0029	0	0.0156
+15.60 m	TH-ICA-2007-XX	NonDirHist	Max	X	0.006762	1/59	11	0.0029	0.0029	0.0156
+15.60 m	TH-ICA-2007-XX	NonDirHist	Min	X	0.006644	1/60	10	0.0029	0	0.0156
+13.00 m	TH-LIMA-74-XX	NonDirHist	Max	X	0.006542	1/61	11	0.0029	0.0029	0.013
+13.00 m	TH-LIMA-74-XX	NonDirHist	Min	X	0.005354	1/75	11	0.0029	0.0029	0.013
+13.00 m	TH-LIMA-66-XX	NonDirHist	Max	X	0.006362	1/63	11	0.0029	0.0029	0.013
+13.00 m	TH-LIMA-66-XX	NonDirHist	Min	X	0.007002	1/57	10	0.0029	0	0.013
+13.00 m	TH-ICA-2007-XX	NonDirHist	Max	X	0.006889	1/58	11	0.0029	0.0029	0.013
+13.00 m	TH-ICA-2007-XX	NonDirHist	Min	X	0.006913	1/58	10	0.0029	0	0.013
+10.4 m	TH-LIMA-74-XX	NonDirHist	Max	X	0.006272	1/64	11	0.0029	0.0029	0.0104
+10.4 m	TH-LIMA-74-XX	NonDirHist	Min	X	0.005232	1/76	11	0.0029	0.0029	0.0104
+10.4 m	TH-LIMA-66-XX	NonDirHist	Max	X	0.006088	1/66	11	0.0029	0.0029	0.0104
+10.4 m	TH-LIMA-66-XX	NonDirHist	Min	X	0.006735	1/59	10	0.0029	0	0.0104
+10.4 m	TH-ICA-2007-XX	NonDirHist	Max	X	0.00659	1/61	11	0.0029	0.0029	0.0104
+10.4 m	TH-ICA-2007-XX	NonDirHist	Min	X	0.006697	1/60	10	0.0029	0	0.0104
+7.80 m	TH-LIMA-74-XX	NonDirHist	Max	X	0.005499	1/73	11	0.0029	0.0029	0.0078
+7.80 m	TH-LIMA-74-XX	NonDirHist	Min	X	0.004651	1/86	11	0.0029	0.0029	0.0078
+7.80 m	TH-LIMA-66-XX	NonDirHist	Max	X	0.005348	1/75	11	0.0029	0.0029	0.0078
+7.80 m	TH-LIMA-66-XX	NonDirHist	Min	X	0.005933	1/67	10	0.0029	0	0.0078
+7.80 m	TH-ICA-2007-XX	NonDirHist	Max	X	0.005976	1/67	10	0.0029	0	0.0078
+7.80 m	TH-ICA-2007-XX	NonDirHist	Min	X	0.005984	1/67	11	0.0029	0.0029	0.0078
+5.20 m	TH-LIMA-74-XX	NonDirHist	Max	X	0.003996	1/100	11	0.0029	0.0029	0.0052
+5.20 m	TH-LIMA-74-XX	NonDirHist	Min	X	0.00349	1/115	11	0.0029	0.0029	0.0052
+5.20 m	TH-LIMA-66-XX	NonDirHist	Max	X	0.004001	1/100	11	0.0029	0.0029	0.0052
+5.20 m	TH-LIMA-66-XX	NonDirHist	Min	X	0.004408	1/91	10	0.0029	0	0.0052
+5.20 m	TH-ICA-2007-XX	NonDirHist	Max	X	0.004946	1/81	10	0.0029	0	0.0052
+5.20 m	TH-ICA-2007-XX	NonDirHist	Min	X	0.00464	1/86	11	0.0029	0.0029	0.0052
+2.60 m	TH-LIMA-74-XX	NonDirHist	Max	X	0.001773	1/226	11	0.0029	0.0029	0.0026
+2.60 m	TH-LIMA-74-XX	NonDirHist	Min	X	0.001576	1/254	11	0.0029	0.0029	0.0026

+2.60 m	TH-LIMA-66-XX	NonDirHist	Max	X	0.001881	1/213	11	0.0029	0.0029	0.0026
+2.60 m	TH-LIMA-66-XX	NonDirHist	Min	X	0.002127	1/188	10	0.0029	0	0.0026
+2.60 m	TH-ICA-2007-XX	NonDirHist	Max	X	0.00298	1/134	10	0.0029	0	0.0026
+2.60 m	TH-ICA-2007-XX	NonDirHist	Min	X	0.002351	1/170	11	0.0029	0.0029	0.0026

TABLE: Story Drifts

Story	Output Case	Case Type	Step Type	Direction	Drift	Drift/	Label	X	Y	Z
								m	m	m
TAPA T.E	TH-LIMA-74-YY	NonDirHist	Max	Y	0.000405	1/790	156	0.00145	0.00058	0.0132
TAPA T.E	TH-LIMA-74-YY	NonDirHist	Min	Y	0.00042	1/762	186	0.00145	0.001305	0.0132
TAPA T.E	TH-LIMA-66-YY	NonDirHist	Max	Y	0.000395	1/811	168	0.00145	0.00087	0.0132
TAPA T.E	TH-LIMA-66-YY	NonDirHist	Min	Y	0.000621	1/516	186	0.00145	0.001305	0.0132
TAPA T.E	TH-ICA-2007-YY	NonDirHist	Max	Y	0.000466	1/686	186	0.00145	0.001305	0.0132
TAPA T.E	TH-ICA-2007-YY	NonDirHist	Min	Y	0.000401	1/798	186	0.00145	0.001305	0.0132
BASE T.E	TH-LIMA-74-YY	NonDirHist	Max	Y	0.001663	1/192	9	0	0.00145	0.0119
BASE T.E	TH-LIMA-74-YY	NonDirHist	Min	Y	0.001678	1/191	9	0	0.00145	0.0119
BASE T.E	TH-LIMA-66-YY	NonDirHist	Max	Y	0.001551	1/206	11	0.00145	0.00145	0.0119
BASE T.E	TH-LIMA-66-YY	NonDirHist	Min	Y	0.002628	1/122	11	0.00145	0.00145	0.0119
BASE T.E	TH-ICA-2007-YY	NonDirHist	Max	Y	0.001985	1/161	11	0.00145	0.00145	0.0119
BASE T.E	TH-ICA-2007-YY	NonDirHist	Min	Y	0.001697	1/189	9	0	0.00145	0.0119
+20.80 m	TH-LIMA-74-YY	NonDirHist	Max	Y	0.002935	1/109	11	0.00145	0.00145	0.0104
+20.80 m	TH-LIMA-74-YY	NonDirHist	Min	Y	0.002924	1/109	9	0	0.00145	0.0104
+20.80 m	TH-LIMA-66-YY	NonDirHist	Max	Y	0.00282	1/113	11	0.00145	0.00145	0.0104
+20.80 m	TH-LIMA-66-YY	NonDirHist	Min	Y	0.004507	1/71	11	0.00145	0.00145	0.0104
+20.80 m	TH-ICA-2007-YY	NonDirHist	Max	Y	0.003415	1/94	11	0.00145	0.00145	0.0104
+20.80 m	TH-ICA-2007-YY	NonDirHist	Min	Y	0.002838	1/113	9	0	0.00145	0.0104
+18.20 m	TH-LIMA-74-YY	NonDirHist	Max	Y	0.003748	1/85	11	0.00145	0.00145	0.0091
+18.20 m	TH-LIMA-74-YY	NonDirHist	Min	Y	0.003742	1/86	9	0	0.00145	0.0091
+18.20 m	TH-LIMA-66-YY	NonDirHist	Max	Y	0.003671	1/87	11	0.00145	0.00145	0.0091
+18.20 m	TH-LIMA-66-YY	NonDirHist	Min	Y	0.005818	1/55	11	0.00145	0.00145	0.0091
+18.20 m	TH-ICA-2007-YY	NonDirHist	Max	Y	0.004214	1/76	11	0.00145	0.00145	0.0091
+18.20 m	TH-ICA-2007-YY	NonDirHist	Min	Y	0.003553	1/90	11	0.00145	0.00145	0.0091
+15.60 m	TH-LIMA-74-YY	NonDirHist	Max	Y	0.004235	1/76	11	0.00145	0.00145	0.0078
+15.60 m	TH-LIMA-74-YY	NonDirHist	Min	Y	0.004247	1/75	9	0	0.00145	0.0078
+15.60 m	TH-LIMA-66-YY	NonDirHist	Max	Y	0.004187	1/76	11	0.00145	0.00145	0.0078

+15.60 m	TH-LIMA-66-YY	NonDirHist	Min	Y	0.006703	1/48	11	0.00145	0.00145	0.0078
+15.60 m	TH-ICA-2007-YY	NonDirHist	Max	Y	0.004593	1/70	11	0.00145	0.00145	0.0078
+15.60 m	TH-ICA-2007-YY	NonDirHist	Min	Y	0.004054	1/79	11	0.00145	0.00145	0.0078
+13.00 m	TH-LIMA-74-YY	NonDirHist	Max	Y	0.004394	1/73	11	0.00145	0.00145	0.0065
+13.00 m	TH-LIMA-74-YY	NonDirHist	Min	Y	0.004438	1/72	11	0.00145	0.00145	0.0065
+13.00 m	TH-LIMA-66-YY	NonDirHist	Max	Y	0.004406	1/73	11	0.00145	0.00145	0.0065
+13.00 m	TH-LIMA-66-YY	NonDirHist	Min	Y	0.007069	1/45	11	0.00145	0.00145	0.0065
+13.00 m	TH-ICA-2007-YY	NonDirHist	Max	Y	0.004581	1/70	11	0.00145	0.00145	0.0065
+13.00 m	TH-ICA-2007-YY	NonDirHist	Min	Y	0.004295	1/75	11	0.00145	0.00145	0.0065
+10.4 m	TH-LIMA-74-YY	NonDirHist	Max	Y	0.004211	1/76	11	0.00145	0.00145	0.0052
+10.4 m	TH-LIMA-74-YY	NonDirHist	Min	Y	0.004294	1/75	9	0	0.00145	0.0052
+10.4 m	TH-LIMA-66-YY	NonDirHist	Max	Y	0.004304	1/74	11	0.00145	0.00145	0.0052
+10.4 m	TH-LIMA-66-YY	NonDirHist	Min	Y	0.006886	1/46	11	0.00145	0.00145	0.0052
+10.4 m	TH-ICA-2007-YY	NonDirHist	Max	Y	0.004206	1/76	11	0.00145	0.00145	0.0052
+10.4 m	TH-ICA-2007-YY	NonDirHist	Min	Y	0.004247	1/75	11	0.00145	0.00145	0.0052
+7.80 m	TH-LIMA-74-YY	NonDirHist	Max	Y	0.003657	1/87	11	0.00145	0.00145	0.0039
+7.80 m	TH-LIMA-74-YY	NonDirHist	Min	Y	0.00377	1/85	9	0	0.00145	0.0039
+7.80 m	TH-LIMA-66-YY	NonDirHist	Max	Y	0.003836	1/83	11	0.00145	0.00145	0.0039
+7.80 m	TH-LIMA-66-YY	NonDirHist	Min	Y	0.006152	1/52	11	0.00145	0.00145	0.0039
+7.80 m	TH-ICA-2007-YY	NonDirHist	Max	Y	0.003493	1/92	11	0.00145	0.00145	0.0039
+7.80 m	TH-ICA-2007-YY	NonDirHist	Min	Y	0.00386	1/83	11	0.00145	0.00145	0.0039
+5.20 m	TH-LIMA-74-YY	NonDirHist	Max	Y	0.002639	1/121	11	0.00145	0.00145	0.0026
+5.20 m	TH-LIMA-74-YY	NonDirHist	Min	Y	0.002768	1/116	9	0	0.00145	0.0026
+5.20 m	TH-LIMA-66-YY	NonDirHist	Max	Y	0.002913	1/110	11	0.00145	0.00145	0.0026
+5.20 m	TH-LIMA-66-YY	NonDirHist	Min	Y	0.004739	1/68	11	0.00145	0.00145	0.0026
+5.20 m	TH-ICA-2007-YY	NonDirHist	Max	Y	0.0025	1/128	9	0	0.00145	0.0026
+5.20 m	TH-ICA-2007-YY	NonDirHist	Min	Y	0.003029	1/106	11	0.00145	0.00145	0.0026
+2.60 m	TH-LIMA-74-YY	NonDirHist	Max	Y	0.001117	1/287	11	0.00145	0.00145	0.0013
+2.60 m	TH-LIMA-74-YY	NonDirHist	Min	Y	0.001207	1/265	11	0.00145	0.00145	0.0013
+2.60 m	TH-LIMA-66-YY	NonDirHist	Max	Y	0.00146	1/219	11	0.00145	0.00145	0.0013

+2.60 m	TH-LIMA-66-YY	NonDirHist	Min	Y	0.002657	1/120	11	0.00145	0.00145	0.0013
+2.60 m	TH-ICA-2007-YY	NonDirHist	Max	Y	0.001089	1/294	9	0	0.00145	0.0013
+2.60 m	TH-ICA-2007-YY	NonDirHist	Min	Y	0.001499	1/214	11	0.00145	0.00145	0.0013

TABLE: Hinge States													
Story	Frame/Wall	Unique Name	Output Case	Case Type	Step Type	Hinge	Generated Hinge	Rel Dist	Abs Dist m	M3 tonf-m	R3 Plastic rad	Hinge State	Hinge Status
BASE			TH-LIMA-74-	NonDirHi		VigaPiv				5.700	0.00099		
T.E	B9	12	YY	st	Max	ot	B9H17	0.05	0.46	2	4	A to B	A to IO
BASE			TH-LIMA-74-	NonDirHi		VigaPiv				5.685	0.00036		
T.E	B9	12	YY	st	Max	ot	B9H18	0.95	2.44	8	2	A to B	A to IO
BASE			TH-LIMA-74-	NonDirHi		VigaPiv				-5.701			
T.E	B9	12	YY	st	Min	ot	B9H17	0.05	0.46	7	-0.00106	A to B	A to IO
BASE			TH-LIMA-74-	NonDirHi		VigaPiv				-5.687	0.00042		
T.E	B9	12	YY	st	Min	ot	B9H18	0.95	2.44	2	5	A to B	A to IO
BASE			TH-LIMA-66-	NonDirHi		VigaPiv				5.698	0.00091		
T.E	B9	12	YY	st	Max	ot	B9H17	0.05	0.46	3	1	A to B	A to IO
BASE			TH-LIMA-66-	NonDirHi		VigaPiv				5.688	0.00048		
T.E	B9	12	YY	st	Max	ot	B9H18	0.95	2.44	6	6	A to B	A to IO
BASE			TH-LIMA-66-	NonDirHi		VigaPiv				-5.718	0.00178		
T.E	B9	12	YY	st	Min	ot	B9H17	0.05	0.46	2	7	A to B	A to IO
BASE			TH-LIMA-66-	NonDirHi		VigaPiv				-5.687	0.00043		
T.E	B9	12	YY	st	Min	ot	B9H18	0.95	2.44	5	8	A to B	A to IO
BASE			TH-ICA-2007-	NonDirHi		VigaPiv				5.703	0.00115		
T.E	B9	12	YY	st	Max	ot	B9H17	0.05	0.46	8	3	A to B	A to IO
BASE			TH-ICA-2007-	NonDirHi		VigaPiv				5.686			
T.E	B9	12	YY	st	Max	ot	B9H18	0.95	2.44	7	0.0004	A to B	A to IO
BASE			TH-ICA-2007-	NonDirHi		VigaPiv				-5.703	0.00113		
T.E	B9	12	YY	st	Min	ot	B9H17	0.05	0.46	3	4	A to B	A to IO

BASE T.E	B9	12	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H18	0.95	2.44	-5.69	-0.000548	A to B	A to IO
BASE T.E	B10	13	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H17	0.05	0.46	5.7001	0.000992	A to B	A to IO
BASE T.E	B10	13	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H18	0.95	2.44	5.6858	0.000363	A to B	A to IO
BASE T.E	B10	13	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H17	0.05	0.46	-5.7017	-0.001063	A to B	A to IO
BASE T.E	B10	13	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H18	0.95	2.44	-5.6872	-0.000424	A to B	A to IO
BASE T.E	B10	13	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H17	0.05	0.46	5.6981	0.000902	A to B	A to IO
BASE T.E	B10	13	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H18	0.95	2.44	5.6877	0.000485	A to B	A to IO
BASE T.E	B10	13	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H17	0.05	0.46	-5.7182	-0.001791	A to B	A to IO
BASE T.E	B10	13	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H18	0.95	2.44	-5.6875	-0.000439	A to B	A to IO
BASE T.E	B10	13	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H17	0.05	0.46	5.7037	0.001148	A to B	A to IO
BASE T.E	B10	13	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H18	0.95	2.44	5.6867	0.0004	A to B	A to IO
BASE T.E	B10	13	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H17	0.05	0.46	-5.7034	-0.001138	A to B	A to IO
BASE T.E	B10	13	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H18	0.95	2.44	-5.69	-0.000548	A to B	A to IO

BASE T.E	B11	14	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H17	0.05	0.46	0.7006	6.17E-09	A to B	A to IO
BASE T.E	B11	14	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H18	0.95	2.44	1.3931	1.227E-08	A to B	A to IO
BASE T.E	B11	14	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H17	0.05	0.46	-0.5115	-4.505E-09	A to B	A to IO
BASE T.E	B11	14	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H18	0.95	2.44	-0.9705	-8.547E-09	A to B	A to IO
BASE T.E	B11	14	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H17	0.05	0.46	0.7588	6.683E-09	A to B	A to IO
BASE T.E	B11	14	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H18	0.95	2.44	1.3534	1.192E-08	A to B	A to IO
BASE T.E	B11	14	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H17	0.05	0.46	-1.2059	-1.062E-08	A to B	A to IO
BASE T.E	B11	14	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H18	0.95	2.44	-1.9945	-1.757E-08	A to B	A to IO
BASE T.E	B11	14	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H17	0.05	0.46	0.8393	7.391E-09	A to B	A to IO
BASE T.E	B11	14	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H18	0.95	2.44	1.5567	1.371E-08	A to B	A to IO
BASE T.E	B11	14	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H17	0.05	0.46	-0.5753	-5.066E-09	A to B	A to IO
BASE T.E	B11	14	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H18	0.95	2.44	-1.0543	-9.285E-09	A to B	A to IO
BASE T.E	B12	11	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H17	0.05	0.46	0.5603	4.934E-09	A to B	A to IO

BASE T.E	B12	11	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H18	0.95	2.44	1.3459	1.185E-08	A to B	A to IO
BASE T.E	B12	11	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H17	0.05	0.46	-0.3639	-3.204E-09	A to B	A to IO
BASE T.E	B12	11	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H18	0.95	2.44	-0.9413	-8.29E-09	A to B	A to IO
BASE T.E	B12	11	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H17	0.05	0.46	0.71	6.252E-09	A to B	A to IO
BASE T.E	B12	11	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H18	0.95	2.44	1.4911	1.313E-08	A to B	A to IO
BASE T.E	B12	11	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H17	0.05	0.46	-0.7038	-6.198E-09	A to B	A to IO
BASE T.E	B12	11	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H18	0.95	2.44	-1.1875	-1.046E-08	A to B	A to IO
BASE T.E	B12	11	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H17	0.05	0.46	0.6076	5.351E-09	A to B	A to IO
BASE T.E	B12	11	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H18	0.95	2.44	1.3907	1.225E-08	A to B	A to IO
BASE T.E	B12	11	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H17	0.05	0.46	-0.584	-5.143E-09	A to B	A to IO
BASE T.E	B12	11	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H18	0.95	2.44	-1.2631	-1.112E-08	A to B	A to IO
+20.80 m	B9	126	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H1	0.05	0.46	5.8752	0.0087	A to B	A to IO
+20.80 m	B9	126	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H2	0.95	2.44	5.874	0.008648	A to B	A to IO

+20.80 m	B9	126	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H1	0.05	0.46	-5.8747	-0.008681	A to B	A to IO
+20.80 m	B9	126	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H2	0.95	2.44	-5.8769	-0.008777	A to B	A to IO
+20.80 m	B9	126	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H1	0.05	0.46	5.8597	0.008017	A to B	A to IO
+20.80 m	B9	126	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H2	0.95	2.44	6.0085	0.014571	A to B	A to IO
+20.80 m	B9	126	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H1	0.05	0.46	-6.0086	-0.014575	A to B	A to IO
+20.80 m	B9	126	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H2	0.95	2.44	-5.8621	-0.008121	A to B	A to IO
+20.80 m	B9	126	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H1	0.05	0.46	5.9157	0.010486	A to B	A to IO
+20.80 m	B9	126	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H2	0.95	2.44	5.8743	0.008661	A to B	A to IO
+20.80 m	B9	126	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H1	0.05	0.46	-5.8753	-0.008708	A to B	A to IO
+20.80 m	B9	126	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H2	0.95	2.44	-5.9177	-0.010571	A to B	A to IO
+20.80 m	B10	134	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H1	0.05	0.46	5.8751	0.008698	A to B	A to IO
+20.80 m	B10	134	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H2	0.95	2.44	5.8742	0.008657	A to B	A to IO
+20.80 m	B10	134	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H1	0.05	0.46	-5.8748	-0.008683	A to B	A to IO

+20.80 m	B10	134	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H2	0.95	2.44	-5.8767	-0.008769	A to B	A to IO
+20.80 m	B10	134	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H1	0.05	0.46	5.8597	0.00802	A to B	A to IO
+20.80 m	B10	134	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H2	0.95	2.44	6.0087	0.01458	A to B	A to IO
+20.80 m	B10	134	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H1	0.05	0.46	-6.0086	-0.014576	A to B	A to IO
+20.80 m	B10	134	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H2	0.95	2.44	-5.862	-0.008122	A to B	A to IO
+20.80 m	B10	134	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H1	0.05	0.46	5.9159	0.010495	A to B	A to IO
+20.80 m	B10	134	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H2	0.95	2.44	5.8745	0.00867	A to B	A to IO
+20.80 m	B10	134	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H1	0.05	0.46	-5.8751	-0.008699	A to B	A to IO
+20.80 m	B10	134	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H2	0.95	2.44	-5.9174	-0.010562	A to B	A to IO
+20.80 m	B11	142	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H1	0.05	0.46	0.0152	1.339E-10	A to B	A to IO
+20.80 m	B11	142	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H2	0.95	2.44	0.016	1.413E-10	A to B	A to IO
+20.80 m	B11	142	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H1	0.05	0.46	-0.2262	-1.992E-09	A to B	A to IO
+20.80 m	B11	142	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H2	0.95	2.44	-0.2266	-1.995E-09	A to B	A to IO

+20.80 m	B11	142	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H1	0.05	0.46	0.0982	8.652E-10	A to B	A to IO
+20.80 m	B11	142	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H2	0.95	2.44	0.1148	1.011E-09	A to B	A to IO
+20.80 m	B11	142	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H1	0.05	0.46	-0.2201	-1.938E-09	A to B	A to IO
+20.80 m	B11	142	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H2	0.95	2.44	-0.2252	-1.983E-09	A to B	A to IO
+20.80 m	B11	142	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H1	0.05	0.46	0.0242	2.131E-10	A to B	A to IO
+20.80 m	B11	142	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H2	0.95	2.44	0.0255	2.246E-10	A to B	A to IO
+20.80 m	B11	142	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H1	0.05	0.46	-0.2481	-2.185E-09	A to B	A to IO
+20.80 m	B11	142	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H2	0.95	2.44	-0.2493	-2.195E-09	A to B	A to IO
+20.80 m	B12	150	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H1	0.05	0.46	0.0234	2.057E-10	A to B	A to IO
+20.80 m	B12	150	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H2	0.95	2.44	0.0236	2.082E-10	A to B	A to IO
+20.80 m	B12	150	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H1	0.05	0.46	-0.2212	-1.948E-09	A to B	A to IO
+20.80 m	B12	150	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H2	0.95	2.44	-0.221	-1.947E-09	A to B	A to IO
+20.80 m	B12	150	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H1	0.05	0.46	0.014	1.236E-10	A to B	A to IO
+20.80 m	B12	150	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H2	0.95	2.44	0.0199	1.755E-10	A to B	A to IO

+20.80 m	B12	150	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H1	0.05	0.46	-0.2776	-2.445E-09	A to B	A to IO
+20.80 m	B12	150	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H2	0.95	2.44	-0.2665	-2.347E-09	A to B	A to IO
+20.80 m	B12	150	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H1	0.05	0.46	0.0474	4.176E-10	A to B	A to IO
+20.80 m	B12	150	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H2	0.95	2.44	0.048	4.228E-10	A to B	A to IO
+20.80 m	B12	150	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H1	0.05	0.46	-0.2145	-1.889E-09	A to B	A to IO
+20.80 m	B12	150	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H2	0.95	2.44	-0.2138	-1.883E-09	A to B	A to IO
+18.20 m	B9	127	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H3	0.05	0.46	5.9819	0.013399	A to B	A to IO
+18.20 m	B9	127	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H4	0.95	2.44	5.9789	0.013267	A to B	A to IO
+18.20 m	B9	127	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H3	0.05	0.46	-5.9803	-0.013331	A to B	A to IO
+18.20 m	B9	127	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H4	0.95	2.44	-5.9832	-0.013458	A to B	A to IO
+18.20 m	B9	127	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H3	0.05	0.46	5.9693	0.012844	A to B	A to IO
+18.20 m	B9	127	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H4	0.95	2.44	6.1667	0.021539	A to B	A to IO
+18.20 m	B9	127	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H3	0.05	0.46	-6.1685	-0.021618	A to B	A to IO

+18.20 m	B9	127	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H4	0.95	2.44	-5.9702	-0.012884	A to B	A to IO
+18.20 m	B9	127	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H3	0.05	0.46	6.0284	0.01545	A to B	A to IO
+18.20 m	B9	127	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H4	0.95	2.44	5.9657	0.012657	A to B	A to IO
+18.20 m	B9	127	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H3	0.05	0.46	-5.9658	-0.012689	A to B	A to IO
+18.20 m	B9	127	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H4	0.95	2.44	-6.0295	-0.015497	A to B	A to IO
+18.20 m	B10	135	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H3	0.05	0.46	5.9827	0.013407	A to B	A to IO
+18.20 m	B10	135	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H4	0.95	2.44	5.9793	0.013284	A to B	A to IO
+18.20 m	B10	135	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H3	0.05	0.46	-5.9802	-0.013324	A to B	A to IO
+18.20 m	B10	135	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H4	0.95	2.44	-5.9828	-0.013441	A to B	A to IO
+18.20 m	B10	135	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H3	0.05	0.46	5.9692	0.012841	A to B	A to IO
+18.20 m	B10	135	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H4	0.95	2.44	6.1669	0.021548	A to B	A to IO
+18.20 m	B10	135	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H3	0.05	0.46	-6.1686	-0.021621	A to B	A to IO
+18.20 m	B10	135	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H4	0.95	2.44	-5.97	-0.012875	A to B	A to IO

+18.20 m	B10	135	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H3	0.05	0.46	6.0283	0.015441	A to B	A to IO
+18.20 m	B10	135	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H4	0.95	2.44	5.9648	0.012649	A to B	A to IO
+18.20 m	B10	135	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H3	0.05	0.46	-5.9663	-0.012698	A to B	A to IO
+18.20 m	B10	135	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H4	0.95	2.44	-6.0297	-0.015505	A to B	A to IO
+18.20 m	B11	143	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H3	0.05	0.46	0.0437	-3.847E-10	A to B	A to IO
+18.20 m	B11	143	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H4	0.95	2.44	-0.0556	-4.899E-10	A to B	A to IO
+18.20 m	B11	143	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H3	0.05	0.46	-0.1034	-9.104E-10	A to B	A to IO
+18.20 m	B11	143	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H4	0.95	2.44	-0.1053	-9.271E-10	A to B	A to IO
+18.20 m	B11	143	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H3	0.05	0.46	0.0369	-3.252E-10	A to B	A to IO
+18.20 m	B11	143	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H4	0.95	2.44	-0.0163	-1.44E-10	A to B	A to IO
+18.20 m	B11	143	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H3	0.05	0.46	-0.1369	-1.206E-09	A to B	A to IO

+18.20 m	B11	143	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H4	0.95	2.44	-0.1188	-1.046E-09	A to B	A to IO
+18.20 m	B11	143	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H3	0.05	0.46	-0.0543	-4.785E-10	A to B	A to IO
+18.20 m	B11	143	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H4	0.95	2.44	-0.0548	-4.83E-10	A to B	A to IO
+18.20 m	B11	143	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H3	0.05	0.46	-0.105	-9.249E-10	A to B	A to IO
+18.20 m	B11	143	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H4	0.95	2.44	-0.1042	-9.173E-10	A to B	A to IO
+18.20 m	B12	151	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H3	0.05	0.46	-0.0552	-4.857E-10	A to B	A to IO
+18.20 m	B12	151	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H4	0.95	2.44	-0.0526	-4.629E-10	A to B	A to IO
+18.20 m	B12	151	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H3	0.05	0.46	-0.1103	-9.718E-10	A to B	A to IO
+18.20 m	B12	151	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H4	0.95	2.44	-0.1048	-9.233E-10	A to B	A to IO
+18.20 m	B12	151	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H3	0.05	0.46	-0.021	-1.849E-10	A to B	A to IO
+18.20 m	B12	151	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H4	0.95	2.44	-0.0441	-3.88E-10	A to B	A to IO

+18.20 m	B12	151	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H3	0.05	0.46	-0.1164	-1.025E-09	A to B	A to IO
+18.20 m	B12	151	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H4	0.95	2.44	-0.1413	-1.244E-09	A to B	A to IO
+18.20 m	B12	151	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H3	0.05	0.46	-0.0569	-5.014E-10	A to B	A to IO
+18.20 m	B12	151	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H4	0.95	2.44	-0.0569	-5.013E-10	A to B	A to IO
+18.20 m	B12	151	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H3	0.05	0.46	-0.1104	-9.727E-10	A to B	A to IO
+18.20 m	B12	151	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H4	0.95	2.44	-0.1095	-9.643E-10	A to B	A to IO
+15.60 m	B9	128	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H5	0.05	0.46	6.0512	0.016451	A to B	A to IO
+15.60 m	B9	128	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H6	0.95	2.44	6.05	0.016399	A to B	A to IO
+15.60 m	B9	128	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H5	0.05	0.46	-6.052	-0.016487	A to B	A to IO
+15.60 m	B9	128	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H6	0.95	2.44	-6.053	-0.016536	A to B	A to IO
+15.60 m	B9	128	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H5	0.05	0.46	6.0432	0.016101	A to B	A to IO
+15.60 m	B9	128	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H6	0.95	2.44	6.2416	0.027456	A to B	A to IO

+15.60 m	B9	128	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H5	0.05	0.46	-6.2433	-0.027447	A to B	A to IO
+15.60 m	B9	128	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H6	0.95	2.44	-6.0442	-0.016143	A to B	A to IO
+15.60 m	B9	128	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H5	0.05	0.46	6.0909	0.018199	A to B	A to IO
+15.60 m	B9	128	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H6	0.95	2.44	6.0318	0.015598	A to B	A to IO
+15.60 m	B9	128	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H5	0.05	0.46	-6.0333	-0.015664	A to B	A to IO
+15.60 m	B9	128	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H6	0.95	2.44	-6.0925	-0.018269	A to B	A to IO
+15.60 m	B10	136	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H5	0.05	0.46	6.0515	0.016465	A to B	A to IO
+15.60 m	B10	136	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H6	0.95	2.44	6.05	0.016397	A to B	A to IO
+15.60 m	B10	136	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H5	0.05	0.46	-6.0517	-0.016472	A to B	A to IO
+15.60 m	B10	136	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H6	0.95	2.44	-6.0531	-0.016537	A to B	A to IO
+15.60 m	B10	136	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H5	0.05	0.46	6.0433	0.016103	A to B	A to IO
+15.60 m	B10	136	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H6	0.95	2.44	6.2404	0.027464	A to B	A to IO
+15.60 m	B10	136	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H5	0.05	0.46	-6.2429	-0.027451	A to B	A to IO

+15.60 m	B10	136	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H6	0.95	2.44	-6.0442	-0.016144	A to B	A to IO
+15.60 m	B10	136	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H5	0.05	0.46	6.0909	0.018199	A to B	A to IO
+15.60 m	B10	136	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H6	0.95	2.44	6.032	0.015604	A to B	A to IO
+15.60 m	B10	136	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H5	0.05	0.46	-6.0333	-0.015664	A to B	A to IO
+15.60 m	B10	136	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H6	0.95	2.44	-6.0923	-0.018262	A to B	A to IO
+15.60 m	B11	144	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H5	0.05	0.46	-0.0603	-5.31E-10	A to B	A to IO
+15.60 m	B11	144	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H6	0.95	2.44	-0.0679	-5.975E-10	A to B	A to IO
+15.60 m	B11	144	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H5	0.05	0.46	-0.1022	-9.001E-10	A to B	A to IO
+15.60 m	B11	144	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H6	0.95	2.44	-0.1105	-9.729E-10	A to B	A to IO
+15.60 m	B11	144	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H5	0.05	0.46	-0.0512	-4.51E-10	A to B	A to IO
+15.60 m	B11	144	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H6	0.95	2.44	-0.0257	-2.261E-10	A to B	A to IO

+15.60 m	B11	144	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H5	0.05	0.46	-0.1417	-1.248E-09	A to B	A to IO
+15.60 m	B11	144	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H6	0.95	2.44	-0.1194	-1.051E-09	A to B	A to IO
+15.60 m	B11	144	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H5	0.05	0.46	-0.0779	-6.861E-10	A to B	A to IO
+15.60 m	B11	144	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H6	0.95	2.44	-0.074	-6.513E-10	A to B	A to IO
+15.60 m	B11	144	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H5	0.05	0.46	-0.0949	-8.359E-10	A to B	A to IO
+15.60 m	B11	144	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H6	0.95	2.44	-0.0901	-7.938E-10	A to B	A to IO
+15.60 m	B12	152	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H5	0.05	0.46	-0.0671	-5.909E-10	A to B	A to IO
+15.60 m	B12	152	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H6	0.95	2.44	-0.0586	-5.163E-10	A to B	A to IO
+15.60 m	B12	152	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H5	0.05	0.46	-0.1091	-9.604E-10	A to B	A to IO
+15.60 m	B12	152	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H6	0.95	2.44	-0.1013	-8.92E-10	A to B	A to IO
+15.60 m	B12	152	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H5	0.05	0.46	-0.0244	-2.147E-10	A to B	A to IO

+15.60 m	B12	152	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H6	0.95	2.44	-0.0498	-4.382E-10	A to B	A to IO
+15.60 m	B12	152	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H5	0.05	0.46	-0.1181	-1.04E-09	A to B	A to IO
+15.60 m	B12	152	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H6	0.95	2.44	-0.1393	-1.226E-09	A to B	A to IO
+15.60 m	B12	152	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H5	0.05	0.46	-0.0751	-6.611E-10	A to B	A to IO
+15.60 m	B12	152	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H6	0.95	2.44	-0.0766	-6.744E-10	A to B	A to IO
+15.60 m	B12	152	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H5	0.05	0.46	-0.0915	-8.059E-10	A to B	A to IO
+15.60 m	B12	152	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H6	0.95	2.44	-0.0945	-8.326E-10	A to B	A to IO
+13.00 m	B9	129	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H7	0.05	0.46	6.0883	0.018086	A to B	A to IO
+13.00 m	B9	129	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H8	0.95	2.44	6.0902	0.018167	A to B	A to IO
+13.00 m	B9	129	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H7	0.05	0.46	-6.0904	-0.018177	A to B	A to IO
+13.00 m	B9	129	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H8	0.95	2.44	-6.0885	-0.018094	A to B	A to IO
+13.00 m	B9	129	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H7	0.05	0.46	6.0852	0.01795	A to B	A to IO

+13.00 m	B9	129	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H8	0.95	2.44	6.2161	-0.03031	A to B	A to IO
+13.00 m	B9	129	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H7	0.05	0.46	6.2168	-0.03033	A to B	A to IO
+13.00 m	B9	129	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H8	0.95	2.44	6.0857	-0.01797	A to B	A to IO
+13.00 m	B9	129	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H7	0.05	0.46	6.113	0.01917	A to B	A to IO
+13.00 m	B9	129	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H8	0.95	2.44	6.0743	-0.01746	A to B	A to IO
+13.00 m	B9	129	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H7	0.05	0.46	6.0749	-0.01749	A to B	A to IO
+13.00 m	B9	129	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H8	0.95	2.44	6.1135	0.01919	A to B	A to IO
+13.00 m	B10	137	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H7	0.05	0.46	6.0883	0.01808	A to B	A to IO
+13.00 m	B10	137	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H8	0.95	2.44	6.0902	-0.01816	A to B	A to IO
+13.00 m	B10	137	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H7	0.05	0.46	6.0904	-0.01817	A to B	A to IO
+13.00 m	B10	137	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H8	0.95	2.44	6.0885	-0.01809	A to B	A to IO
+13.00 m	B10	137	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H7	0.05	0.46	6.0853	0.01795	A to B	A to IO
+13.00 m	B10	137	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H8	0.95	2.44	6.2161	0.03031	A to B	A to IO

+13.00 m	B10	137	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H7	0.05	0.46	-6.2168	-0.030338	A to B	A to IO
+13.00 m	B10	137	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H8	0.95	2.44	-6.0858	-0.017973	A to B	A to IO
+13.00 m	B10	137	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H7	0.05	0.46	6.113	0.019172	A to B	A to IO
+13.00 m	B10	137	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H8	0.95	2.44	6.0743	0.017469	A to B	A to IO
+13.00 m	B10	137	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H7	0.05	0.46	-6.0749	-0.017494	A to B	A to IO
+13.00 m	B10	137	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H8	0.95	2.44	-6.1134	-0.019192	A to B	A to IO
+13.00 m	B11	145	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H7	0.05	0.46	-0.0629	-5.538E-10	A to B	A to IO
+13.00 m	B11	145	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H8	0.95	2.44	-0.0663	-5.837E-10	A to B	A to IO
+13.00 m	B11	145	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H7	0.05	0.46	-0.0993	-8.745E-10	A to B	A to IO
+13.00 m	B11	145	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H8	0.95	2.44	-0.1025	-9.023E-10	A to B	A to IO
+13.00 m	B11	145	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H7	0.05	0.46	-0.0399	-3.515E-10	A to B	A to IO

+13.00 m	B11	145	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H8	0.95	2.44	-0.0385	-3.391E-10	A to B	A to IO
+13.00 m	B11	145	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H7	0.05	0.46	-0.1271	-1.119E-09	A to B	A to IO
+13.00 m	B11	145	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H8	0.95	2.44	-0.1261	-1.11E-09	A to B	A to IO
+13.00 m	B11	145	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H7	0.05	0.46	-0.0782	-6.887E-10	A to B	A to IO
+13.00 m	B11	145	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H8	0.95	2.44	-0.0727	-6.405E-10	A to B	A to IO
+13.00 m	B11	145	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H7	0.05	0.46	-0.0931	-8.203E-10	A to B	A to IO
+13.00 m	B11	145	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H8	0.95	2.44	-0.0874	-7.701E-10	A to B	A to IO
+13.00 m	B12	153	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H7	0.05	0.46	-0.0664	-5.848E-10	A to B	A to IO
+13.00 m	B12	153	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H8	0.95	2.44	-0.0631	-5.553E-10	A to B	A to IO
+13.00 m	B12	153	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H7	0.05	0.46	-0.1031	-9.068E-10	A to B	A to IO
+13.00 m	B12	153	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H8	0.95	2.44	-0.0994	-8.752E-10	A to B	A to IO

+13.00 m	B12	153	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H7	0.05	0.46	-0.0386	-3.401E-10	A to B	A to IO
+13.00 m	B12	153	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H8	0.95	2.44	-0.0396	-3.486E-10	A to B	A to IO
+13.00 m	B12	153	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H7	0.05	0.46	-0.1269	-1.118E-09	A to B	A to IO
+13.00 m	B12	153	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H8	0.95	2.44	-0.1271	-1.12E-09	A to B	A to IO
+13.00 m	B12	153	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H7	0.05	0.46	-0.0732	-6.443E-10	A to B	A to IO
+13.00 m	B12	153	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H8	0.95	2.44	-0.0782	-6.887E-10	A to B	A to IO
+13.00 m	B12	153	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H7	0.05	0.46	-0.0875	-7.707E-10	A to B	A to IO
+13.00 m	B12	153	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H8	0.95	2.44	-0.0923	-8.13E-10	A to B	A to IO
+10.4 m	B9	130	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H9	0.05	0.46	6.0886	0.018097	A to B	A to IO
+10.4 m	B9	130	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H10	0.95	2.44	6.0954	0.018396	A to B	A to IO
+10.4 m	B9	130	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H9	0.05	0.46	-6.0964	-0.018442	A to B	A to IO

+10.4 m	B9	130	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H10	0.95	2.44	-6.0897	-0.01814	A to B	A to IO
+10.4 m	B9	130	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H9	0.05	0.46	6.0936	0.01832	A to B	A to IO
+10.4 m	B9	130	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H10	0.95	2.44	6.2265	0.03091 2	A to B	A to IO
+10.4 m	B9	130	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H9	0.05	0.46	-6.2273	-0.03093 5	A to B	A to IO
+10.4 m	B9	130	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H10	0.95	2.44	-6.0939	-0.01833 1	A to B	A to IO
+10.4 m	B9	130	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H9	0.05	0.46	6.0937	0.01832 5	A to B	A to IO
+10.4 m	B9	130	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H10	0.95	2.44	6.0872	0.01803 6	A to B	A to IO
+10.4 m	B9	130	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H9	0.05	0.46	-6.0877	-0.01805 8	A to B	A to IO
+10.4 m	B9	130	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H10	0.95	2.44	-6.0955	-0.01840 1	A to B	A to IO
+10.4 m	B10	138	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H9	0.05	0.46	6.0886	0.01809 7	A to B	A to IO
+10.4 m	B10	138	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H10	0.95	2.44	6.0955	0.01840 4	A to B	A to IO
+10.4 m	B10	138	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H9	0.05	0.46	-6.0964	-0.01844 2	A to B	A to IO
+10.4 m	B10	138	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H10	0.95	2.44	-6.0895	-0.01814	A to B	A to IO

+10.4m	B10	138	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H9	0.05	0.46	6.0937	0.018322	A to B	A to IO
+10.4m	B10	138	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H10	0.95	2.44	6.2265	0.030915	A to B	A to IO
+10.4m	B10	138	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H9	0.05	0.46	-6.2273	-0.03093	A to B	A to IO
+10.4m	B10	138	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H10	0.95	2.44	-6.0939	-0.01833	A to B	A to IO
+10.4m	B10	138	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H9	0.05	0.46	6.0937	0.018325	A to B	A to IO
+10.4m	B10	138	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H10	0.95	2.44	6.0872	0.018036	A to B	A to IO
+10.4m	B10	138	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H9	0.05	0.46	-6.0877	-0.01805	A to B	A to IO
+10.4m	B10	138	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H10	0.95	2.44	-6.0955	-0.01840	A to B	A to IO
+10.4m	B11	146	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H9	0.05	0.46	0.0597	-5.257E-10	A to B	A to IO
+10.4m	B11	146	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H10	0.95	2.44	0.0622	-5.476E-10	A to B	A to IO
+10.4m	B11	146	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H9	0.05	0.46	-0.1044	-9.192E-10	A to B	A to IO
+10.4m	B11	146	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H10	0.95	2.44	-0.1069	-9.415E-10	A to B	A to IO

+10.4 m	B11	146	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H9	0.05	0.46	-0.0214	-1.887E-10	A to B	A to IO
+10.4 m	B11	146	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H10	0.95	2.44	-0.0514	-4.526E-10	A to B	A to IO
+10.4 m	B11	146	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H9	0.05	0.46	-0.1146	-1.01E-09	A to B	A to IO
+10.4 m	B11	146	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H10	0.95	2.44	-0.1445	-1.273E-09	A to B	A to IO
+10.4 m	B11	146	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H9	0.05	0.46	-0.0766	-6.748E-10	A to B	A to IO
+10.4 m	B11	146	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H10	0.95	2.44	-0.0786	-6.92E-10	A to B	A to IO
+10.4 m	B11	146	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H9	0.05	0.46	-0.0879	-7.741E-10	A to B	A to IO
+10.4 m	B11	146	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H10	0.95	2.44	-0.0899	-7.919E-10	A to B	A to IO
+10.4 m	B12	154	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H9	0.05	0.46	-0.0621	-5.47E-10	A to B	A to IO
+10.4 m	B12	154	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H10	0.95	2.44	-0.0596	-5.245E-10	A to B	A to IO
+10.4 m	B12	154	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H9	0.05	0.46	-0.1069	-9.416E-10	A to B	A to IO

+10.4 m	B12	154	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H10	0.95	2.44	-0.1044	-9.195E-10	A to B	A to IO
+10.4 m	B12	154	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H9	0.05	0.46	-0.049	-4.315E-10	A to B	A to IO
+10.4 m	B12	154	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H10	0.95	2.44	-0.02	-1.765E-10	A to B	A to IO
+10.4 m	B12	154	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H9	0.05	0.46	-0.1463	-1.289E-09	A to B	A to IO
+10.4 m	B12	154	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H10	0.95	2.44	-0.1176	-1.035E-09	A to B	A to IO
+10.4 m	B12	154	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H9	0.05	0.46	-0.0764	-6.732E-10	A to B	A to IO
+10.4 m	B12	154	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H10	0.95	2.44	-0.0766	-6.748E-10	A to B	A to IO
+10.4 m	B12	154	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H9	0.05	0.46	-0.0899	-7.918E-10	A to B	A to IO
+10.4 m	B12	154	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H10	0.95	2.44	-0.0902	-7.94E-10	A to B	A to IO
+7.80 m	B9	131	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H11	0.05	0.46	6.0529	0.016524	A to B	A to IO
+7.80 m	B9	131	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H12	0.95	2.44	6.0631	0.016977	A to B	A to IO
+7.80 m	B9	131	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H11	0.05	0.46	-6.065	-0.01706	A to B	A to IO

+7.80 m	B9	131	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H12	0.95	2.44	-6.0547	-0.01660	A to B	A to IO
+7.80 m	B9	131	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H11	0.05	0.46	6.0649	0.01705	A to B	A to IO
+7.80 m	B9	131	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H12	0.95	2.44	6.2239	0.02889	A to B	A to IO
+7.80 m	B9	131	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H11	0.05	0.46	-6.2262	-0.02898	A to B	A to IO
+7.80 m	B9	131	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H12	0.95	2.44	-6.0669	-0.01714	A to B	A to IO
+7.80 m	B9	131	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H11	0.05	0.46	6.0395	0.01593	A to B	A to IO
+7.80 m	B9	131	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H12	0.95	2.44	6.0673	0.01716	A to B	A to IO
+7.80 m	B9	131	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H11	0.05	0.46	-6.0689	-0.01723	A to B	A to IO
+7.80 m	B9	131	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H12	0.95	2.44	-6.0423	-0.01606	A to B	A to IO
+7.80 m	B10	139	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H11	0.05	0.46	6.0529	0.01652	A to B	A to IO
+7.80 m	B10	139	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H12	0.95	2.44	6.0631	0.01697	A to B	A to IO
+7.80 m	B10	139	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H11	0.05	0.46	-6.0659	-0.01705	A to B	A to IO
+7.80 m	B10	139	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H12	0.95	2.44	-6.0548	-0.01661	A to B	A to IO

+7.80 m	B10	139	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H11	0.05	0.46	6.0647	0.017046	A to B	A to IO
+7.80 m	B10	139	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H12	0.95	2.44	6.2238	0.028888	A to B	A to IO
+7.80 m	B10	139	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H11	0.05	0.46	-6.2264	-0.028993	A to B	A to IO
+7.80 m	B10	139	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H12	0.95	2.44	-6.067	-0.017149	A to B	A to IO
+7.80 m	B10	139	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H11	0.05	0.46	6.0395	0.015935	A to B	A to IO
+7.80 m	B10	139	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H12	0.95	2.44	6.0673	0.017163	A to B	A to IO
+7.80 m	B10	139	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H11	0.05	0.46	-6.0694	-0.017234	A to B	A to IO
+7.80 m	B10	139	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H12	0.95	2.44	6.0423	-0.01606	A to B	A to IO
+7.80 m	B11	147	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H11	0.05	0.46	-0.0585	-5.153E-10	A to B	A to IO
+7.80 m	B11	147	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H12	0.95	2.44	-0.0601	-5.292E-10	A to B	A to IO
+7.80 m	B11	147	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H11	0.05	0.46	-0.1062	-9.335E-10	A to B	A to IO
+7.80 m	B11	147	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H12	0.95	2.44	-0.1076	-9.473E-10	A to B	A to IO
+7.80 m	B11	147	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H11	0.05	0.46	-0.04	-3.527E-10	A to B	A to IO

+7.80 m	B11	147	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H12	0.95	2.44	-0.0468	-4.118E-10	A to B	A to IO
+7.80 m	B11	147	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H11	0.05	0.46	-0.1185	-1.043E-09	A to B	A to IO
+7.80 m	B11	147	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H12	0.95	2.44	-0.126	-1.11E-09	A to B	A to IO
+7.80 m	B11	147	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H11	0.05	0.46	-0.0783	-6.897E-10	A to B	A to IO
+7.80 m	B11	147	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H12	0.95	2.44	-0.0773	-6.808E-10	A to B	A to IO
+7.80 m	B11	147	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H11	0.05	0.46	-0.0888	-7.822E-10	A to B	A to IO
+7.80 m	B11	147	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H12	0.95	2.44	-0.0867	-7.634E-10	A to B	A to IO
+7.80 m	B12	155	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H11	0.05	0.46	-0.0601	-5.291E-10	A to B	A to IO
+7.80 m	B12	155	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H12	0.95	2.44	-0.0585	-5.154E-10	A to B	A to IO
+7.80 m	B12	155	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H11	0.05	0.46	-0.1076	-9.474E-10	A to B	A to IO
+7.80 m	B12	155	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H12	0.95	2.44	-0.106	-9.336E-10	A to B	A to IO

+7.80 m	B12	155	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H11	0.05	0.46	-0.0455	-4.004E-10	A to B	A to IO
+7.80 m	B12	155	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H12	0.95	2.44	-0.0399	-3.514E-10	A to B	A to IO
+7.80 m	B12	155	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H11	0.05	0.46	-0.1262	-1.111E-09	A to B	A to IO
+7.80 m	B12	155	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H12	0.95	2.44	-0.1193	-1.05E-09	A to B	A to IO
+7.80 m	B12	155	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H11	0.05	0.46	-0.0763	-6.724E-10	A to B	A to IO
+7.80 m	B12	155	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H12	0.95	2.44	-0.0775	-6.823E-10	A to B	A to IO
+7.80 m	B12	155	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H11	0.05	0.46	-0.0874	-7.7E-10	A to B	A to IO
+7.80 m	B12	155	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H12	0.95	2.44	-0.0884	-7.788E-10	A to B	A to IO
+5.20 m	B9	132	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H13	0.05	0.46	5.9723	0.012977	A to B	A to IO
+5.20 m	B9	132	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H14	0.95	2.44	5.9847	0.013522	A to B	A to IO
+5.20 m	B9	132	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H13	0.05	0.46	-5.9879	-0.013663	A to B	A to IO

+5.20 m	B9	132	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H14	0.95	2.44	-5.9756	-0.013121	A to B	A to IO
+5.20 m	B9	132	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H13	0.05	0.46	5.9935	0.013913	A to B	A to IO
+5.20 m	B9	132	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H14	0.95	2.44	6.2026	0.023116	A to B	A to IO
+5.20 m	B9	132	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H13	0.05	0.46	-6.2073	-0.023324	A to B	A to IO
+5.20 m	B9	132	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H14	0.95	2.44	-5.9968	-0.014055	A to B	A to IO
+5.20 m	B9	132	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H13	0.05	0.46	5.9562	0.012271	A to B	A to IO
+5.20 m	B9	132	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H14	0.95	2.44	6.0069	0.014502	A to B	A to IO
+5.20 m	B9	132	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H13	0.05	0.46	-6.0093	-0.014607	A to B	A to IO
+5.20 m	B9	132	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H14	0.95	2.44	-5.9589	-0.012389	A to B	A to IO
+5.20 m	B10	140	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H13	0.05	0.46	5.9729	0.013004	A to B	A to IO
+5.20 m	B10	140	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H14	0.95	2.44	5.9848	0.013526	A to B	A to IO
+5.20 m	B10	140	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H13	0.05	0.46	-5.9873	-0.013637	A to B	A to IO
+5.20 m	B10	140	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H14	0.95	2.44	-5.9755	-0.013118	A to B	A to IO

+5.20 m	B10	140	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H13	0.05	0.46	5.9938	0.013922	A to B	A to IO
+5.20 m	B10	140	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H14	0.95	2.44	6.2026	0.023119	A to B	A to IO
+5.20 m	B10	140	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H13	0.05	0.46	-6.2072	-0.023319	A to B	A to IO
+5.20 m	B10	140	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H14	0.95	2.44	-5.9968	-0.014056	A to B	A to IO
+5.20 m	B10	140	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H13	0.05	0.46	5.9563	0.012271	A to B	A to IO
+5.20 m	B10	140	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H14	0.95	2.44	6.0069	0.014502	A to B	A to IO
+5.20 m	B10	140	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H13	0.05	0.46	-6.0093	-0.014607	A to B	A to IO
+5.20 m	B10	140	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H14	0.95	2.44	-5.9589	-0.012389	A to B	A to IO
+5.20 m	B11	148	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H13	0.05	0.46	-0.0544	-4.788E-10	A to B	A to IO
+5.20 m	B11	148	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H14	0.95	2.44	-0.0669	-5.89E-10	A to B	A to IO
+5.20 m	B11	148	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H13	0.05	0.46	-0.0974	-8.582E-10	A to B	A to IO
+5.20 m	B11	148	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H14	0.95	2.44	-0.113	-9.948E-10	A to B	A to IO

+5.20 m	B11	148	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H13	0.05	0.46	-0.0316	-2.784E-10	A to B	A to IO
+5.20 m	B11	148	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H14	0.95	2.44	-0.014	-1.232E-10	A to B	A to IO
+5.20 m	B11	148	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H13	0.05	0.46	-0.147	-1.294E-09	A to B	A to IO
+5.20 m	B11	148	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H14	0.95	2.44	-0.1305	-1.149E-09	A to B	A to IO
+5.20 m	B11	148	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H13	0.05	0.46	-0.0594	-5.229E-10	A to B	A to IO
+5.20 m	B11	148	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H14	0.95	2.44	-0.0592	-5.21E-10	A to B	A to IO
+5.20 m	B11	148	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H13	0.05	0.46	-0.0877	-7.721E-10	A to B	A to IO
+5.20 m	B11	148	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H14	0.95	2.44	-0.094	-8.279E-10	A to B	A to IO
+5.20 m	B12	156	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H13	0.05	0.46	-0.0686	-6.041E-10	A to B	A to IO
+5.20 m	B12	156	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H14	0.95	2.44	-0.0542	-4.776E-10	A to B	A to IO
+5.20 m	B12	156	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H13	0.05	0.46	-0.1131	-9.96E-10	A to B	A to IO
+5.20 m	B12	156	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H14	0.95	2.44	-0.0987	-8.693E-10	A to B	A to IO

+5.20 m	B12	156	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H13	0.05	0.46	-0.0166	-1.461E-10	A to B	A to IO
+5.20 m	B12	156	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H14	0.95	2.44	-0.0302	-2.657E-10	A to B	A to IO
+5.20 m	B12	156	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H13	0.05	0.46	-0.1297	-1.142E-09	A to B	A to IO
+5.20 m	B12	156	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H14	0.95	2.44	-0.1435	-1.264E-09	A to B	A to IO
+5.20 m	B12	156	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H13	0.05	0.46	-0.0689	-6.065E-10	A to B	A to IO
+5.20 m	B12	156	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H14	0.95	2.44	-0.0703	-6.187E-10	A to B	A to IO
+5.20 m	B12	156	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H13	0.05	0.46	-0.0881	-7.756E-10	A to B	A to IO
+5.20 m	B12	156	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H14	0.95	2.44	-0.0876	-7.718E-10	A to B	A to IO
+2.60 m	B9	133	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H15	0.05	0.46	5.8449	0.00737	A to B	A to IO
+2.60 m	B9	133	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B9H16	0.95	2.44	5.8565	0.007878	A to B	A to IO
+2.60 m	B9	133	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H15	0.05	0.46	-5.8601	-0.008036	A to B	A to IO

+2.60 m	B9	133	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B9H16	0.95	2.44	-5.848	-0.007503	A to B	A to IO
+2.60 m	B9	133	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H15	0.05	0.46	5.8758	0.008728	A to B	A to IO
+2.60 m	B9	133	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B9H16	0.95	2.44	6.0229	0.015205	A to B	A to IO
+2.60 m	B9	133	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H15	0.05	0.46	-6.0335	-0.015672	A to B	A to IO
+2.60 m	B9	133	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B9H16	0.95	2.44	-5.8768	-0.008773	A to B	A to IO
+2.60 m	B9	133	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H15	0.05	0.46	5.8373	0.007033	A to B	A to IO
+2.60 m	B9	133	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B9H16	0.95	2.44	5.8879	0.009263	A to B	A to IO
+2.60 m	B9	133	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H15	0.05	0.46	-5.8925	-0.009463	A to B	A to IO
+2.60 m	B9	133	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B9H16	0.95	2.44	-5.8391	-0.007113	A to B	A to IO
+2.60 m	B10	141	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H15	0.05	0.46	5.8451	0.007378	A to B	A to IO
+2.60 m	B10	141	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B10H16	0.95	2.44	5.8564	0.007876	A to B	A to IO
+2.60 m	B10	141	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H15	0.05	0.46	-5.8599	-0.008028	A to B	A to IO
+2.60 m	B10	141	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B10H16	0.95	2.44	-5.848	-0.007505	A to B	A to IO

+2.60 m	B10	141	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H15	0.05	0.46	5.8758	0.008729	A to B	A to IO
+2.60 m	B10	141	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B10H16	0.95	2.44	6.023	0.015208	A to B	A to IO
+2.60 m	B10	141	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H15	0.05	0.46	-6.0335	-0.015674	A to B	A to IO
+2.60 m	B10	141	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B10H16	0.95	2.44	-5.8768	-0.008774	A to B	A to IO
+2.60 m	B10	141	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H15	0.05	0.46	5.8373	0.007033	A to B	A to IO
+2.60 m	B10	141	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B10H16	0.95	2.44	5.8879	0.009269	A to B	A to IO
+2.60 m	B10	141	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H15	0.05	0.46	-5.8925	-0.009463	A to B	A to IO
+2.60 m	B10	141	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B10H16	0.95	2.44	-5.8391	-0.007113	A to B	A to IO
+2.60 m	B11	149	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H15	0.05	0.46	0.0393	-3.461E-10	A to B	A to IO
+2.60 m	B11	149	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B11H16	0.95	2.44	-0.059	-5.197E-10	A to B	A to IO
+2.60 m	B11	149	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H15	0.05	0.46	-0.0947	-8.28E-10	A to B	A to IO
+2.60 m	B11	149	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B11H16	0.95	2.44	-0.1227	-1.081E-09	A to B	A to IO
+2.60 m	B11	149	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H15	0.05	0.46	-0.0187	-1.642E-10	A to B	A to IO

+2.60 m	B11	149	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B11H16	0.95	2.44	-0.0152	-1.341E-10	A to B	A to IO
+2.60 m	B11	149	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H15	0.05	0.46	-0.1356	-1.194E-09	A to B	A to IO
+2.60 m	B11	149	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B11H16	0.95	2.44	-0.1327	-1.169E-09	A to B	A to IO
+2.60 m	B11	149	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H15	0.05	0.46	-0.0604	-5.321E-10	A to B	A to IO
+2.60 m	B11	149	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B11H16	0.95	2.44	-0.0537	-4.729E-10	A to B	A to IO
+2.60 m	B11	149	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H15	0.05	0.46	-0.0911	-8.025E-10	A to B	A to IO
+2.60 m	B11	149	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B11H16	0.95	2.44	-0.0852	-7.505E-10	A to B	A to IO
+2.60 m	B12	157	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H15	0.05	0.46	-0.0641	-5.644E-10	A to B	A to IO
+2.60 m	B12	157	TH-LIMA-74-YY	NonDirHist	Max	VigaPivot	B12H16	0.95	2.44	-0.0392	-3.449E-10	A to B	A to IO
+2.60 m	B12	157	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H15	0.05	0.46	-0.1228	-1.082E-09	A to B	A to IO
+2.60 m	B12	157	TH-LIMA-74-YY	NonDirHist	Min	VigaPivot	B12H16	0.95	2.44	-0.0978	-8.615E-10	A to B	A to IO

+2.60 m	B12	157	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H15	0.05	0.46	-0.0141	-1.242E-10	A to B	A to IO
+2.60 m	B12	157	TH-LIMA-66-YY	NonDirHist	Max	VigaPivot	B12H16	0.95	2.44	-0.0145	-1.273E-10	A to B	A to IO
+2.60 m	B12	157	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H15	0.05	0.46	-0.1309	-1.153E-09	A to B	A to IO
+2.60 m	B12	157	TH-LIMA-66-YY	NonDirHist	Min	VigaPivot	B12H16	0.95	2.44	-0.123	-1.083E-09	A to B	A to IO
+2.60 m	B12	157	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H15	0.05	0.46	-0.0449	-3.957E-10	A to B	A to IO
+2.60 m	B12	157	TH-ICA-2007-YY	NonDirHist	Max	VigaPivot	B12H16	0.95	2.44	-0.0454	-3.996E-10	A to B	A to IO
+2.60 m	B12	157	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H15	0.05	0.46	-0.0888	-7.818E-10	A to B	A to IO
+2.60 m	B12	157	TH-ICA-2007-YY	NonDirHist	Min	VigaPivot	B12H16	0.95	2.44	-0.0851	-7.499E-10	A to B	A to IO

Determinación del nivel de desempeño estructural del Tanque elevado.

Evaluar el estado de formación y distribución de rótulas plásticas en la estructura, a fin de identificar su nivel de daño y comportamiento inelástico bajo cargas sísmicas.

Para el desarrollo del presente objetivo se analizó la formación, evolución y distribución de las rótulas plásticas obtenidas a partir del análisis pushover y del análisis dinámico no lineal, considerando los estados de desempeño definidos por FEMA 356 y FEMA 440. Los resultados muestran que la mayor parte de las rótulas plásticas se concentran en los rangos **A–B** y **B–C**, lo cual evidencia un comportamiento estructural predominantemente elástico, con incursiones controladas en el rango inelástico inicial.

La presencia dominante de rótulas en el estado **A–B** indica que la mayoría de los elementos estructurales mantiene su rigidez y resistencia inicial, sin presentar daño estructural significativo. Por su parte, las rótulas identificadas en el estado **B–C** corresponden al inicio del proceso de fluencia del material, asociado a deformaciones plásticas moderadas y controladas, lo que refleja una adecuada capacidad de disipación de energía sin comprometer la estabilidad global de la estructura.

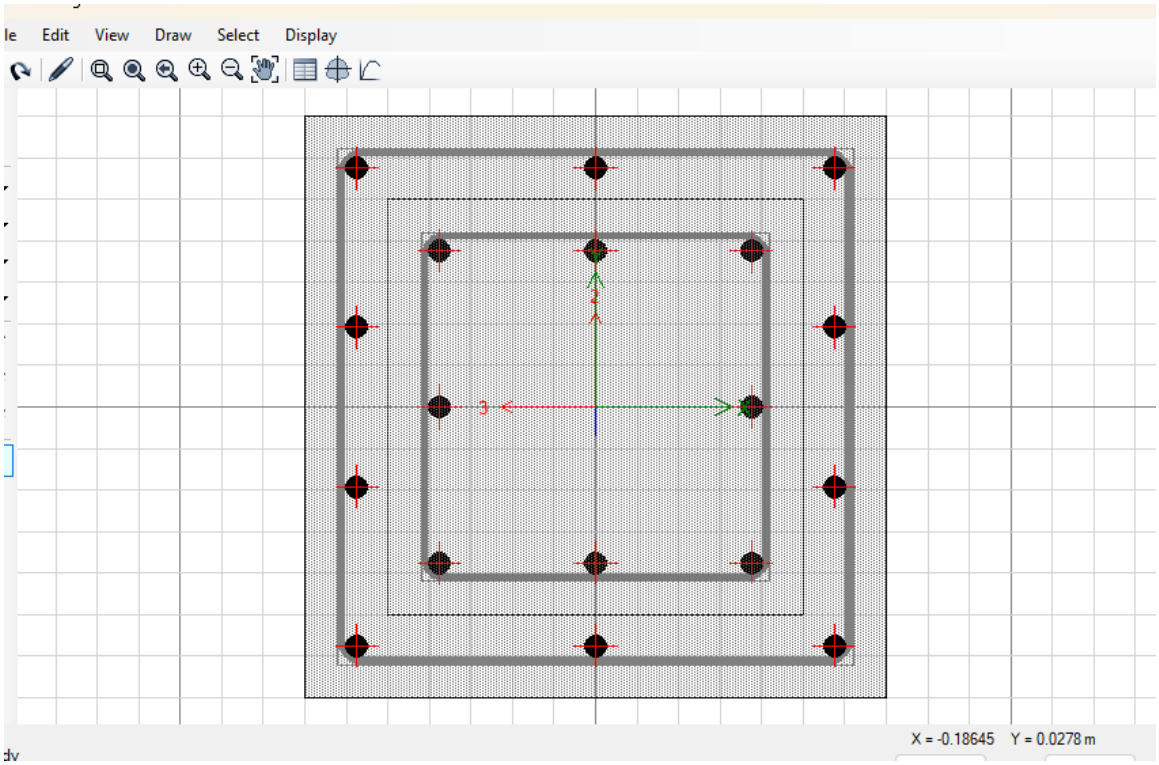
Adicionalmente, se observa la presencia limitada de rótulas en el estado IO–LS, lo cual indica que ciertos elementos alcanzan niveles de daño moderado compatibles con el desempeño entre Ocupación Inmediata (IO) y Seguridad de Vida (LS). Este comportamiento es aceptable para el nivel de demanda sísmica considerado, ya que no implica pérdida significativa de capacidad resistente ni formación de mecanismos de colapso. La aparición de estas rótulas se concentra principalmente en elementos secundarios, lo que confirma una adecuada jerarquía de resistencias y un correcto diseño sismorresistente.

Propuesta de reforzamiento estructural para Tanque elevado

Con base en los resultados obtenidos de los análisis estático y dinámico no lineales, los cuales evidenciaron la presencia de deformaciones inelásticas significativas, derivas elevadas y la formación de rótulas plásticas en estados A–B, B–C y IO–LS, se plantea una propuesta de reforzamiento estructural orientada a mejorar la capacidad resistente, la rigidez lateral y el control de deformaciones de la estructura. El criterio de intervención adoptado consiste en el reforzamiento mediante encamisado de columnas y vigas, debido a su efectividad para incrementar la capacidad portante, mejorar el confinamiento del concreto existente y aumentar la ductilidad global del sistema estructural.

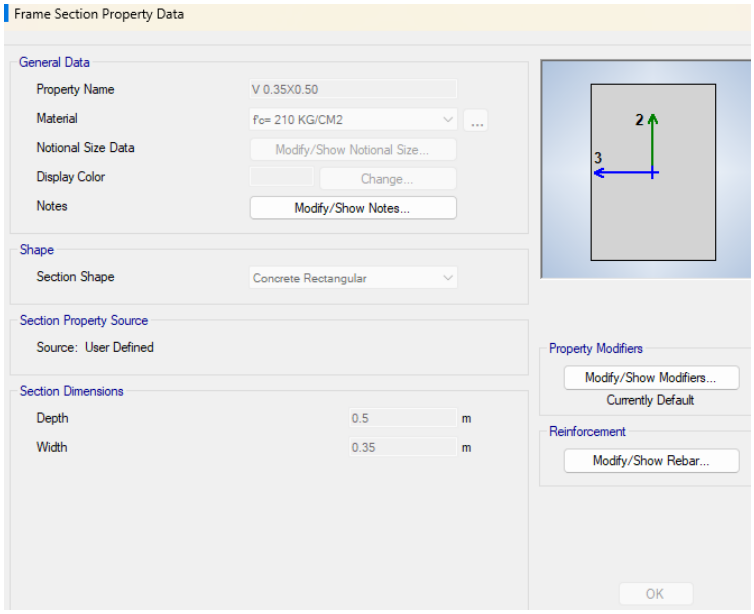
En el caso de las columnas existentes con sección de 0.50 m × 0.50 m, se propone un encamisado de concreto armado que incremente su sección transversal a 0.70 m × 0.70 m, utilizando concreto de resistencia f'c = 300 kg/cm². Este incremento de sección permite mejorar significativamente la rigidez y resistencia axial y flexural de los elementos, así como reducir la demanda de deformaciones plásticas concentradas observadas en los análisis. El encamisado considera además la incorporación de refuerzo longitudinal y transversal adecuado, garantizando un correcto confinamiento del núcleo de concreto y una adecuada adherencia con el elemento existente.

Diseño de columna con encamisado



De manera similar, para las vigas existentes con sección de 0.25 m × 0.40 m, se plantea un encamisado que incremente sus dimensiones a 0.35 m × 0.50 m, también con concreto de f'c = 300 kg/cm². Este reforzamiento tiene como objetivo principal aumentar la capacidad flexional y cortante de las vigas, así como mejorar la continuidad y la jerarquía de resistencias del sistema estructural, reduciendo la probabilidad de formación prematura de rótulas plásticas en estados no deseados.

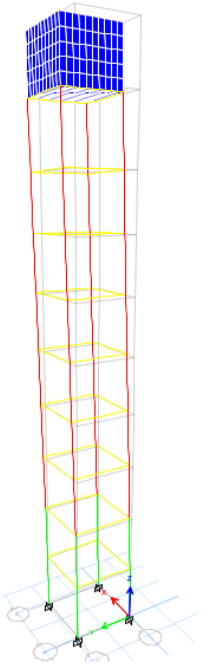
Diseño de encamisado de vigas aumentado sus dimensiones



La propuesta de reforzamiento mediante encamisado permite redistribuir de manera más uniforme las demandas sísmicas, disminuir las derivas máximas de entrepiso y desplazar el punto de desempeño hacia niveles de menor daño estructural. Asimismo, esta técnica resulta compatible con la estructura existente, no requiere modificaciones sustanciales en el sistema estructural original y puede ser ejecutada de manera progresiva, lo que la convierte en una solución técnica y constructivamente viable para mejorar el desempeño sísmico de la edificación

.

Modo shape (modal)



Derivas máximas obtenidas (ver tablas en anexos)

Dirección X

- **Deriva máxima absoluta**:

  θx,max = 0.006889 (≈1/145)

  Ubicación: niveles intermedios–superiores (+13.00 m a +18.20 m).
- **Comportamiento**: incremento progresivo con la altura, típico de estructuras esbeltas como tanques elevados.

Dirección Y

- **Deriva máxima absoluta**:

  θy,max = 0.004739 (1/211)

  Ubicación: niveles intermedios (+13.00 m a +15.60 m).
- **Comportamiento**: menor demanda que en X, evidenciando mayor rigidez en esta dirección.

Verificación normativa

Para estructuras de concreto armado, el límite típico de deriva es:

= 0.007 (0.7%) = 0.007

- **Dirección X**:
  0.006889<0.007 → **Cumple** (muy cercano al límite).
- **Dirección Y**:
  0.004739<0.007 → **Cumple**

Los resultados del análisis no lineal del tanque elevado muestran que el comportamiento estructural es predominantemente elástico a ligeramente inelástico, evidenciado por la concentración mayoritaria de rótulas plásticas en los rangos A–B y A–IO, y la presencia limitada y localizada de rótulas en el rango B–C, sin que se alcance en ningún caso estados de daño severo como LS–CP o >CP. Asimismo, las derivas máximas por entrepiso cumplen con los límites normativos establecidos, aunque en algunos niveles se aproximan a los valores admisibles, particularmente en la dirección X.

Si bien estos resultados indican que la estructura no presenta un comportamiento inseguro, la aparición incipiente de rótulas en el rango B–C y la cercanía de las derivas al límite normativo evidencian que el sistema estructural opera con una reserva de capacidad limitada frente a sismos de mayor intensidad. En este contexto, el reforzamiento estructural mediante encamisado se justifica como una medida de mejora del desempeño sísmico, orientada a aumentar la rigidez, la capacidad resistente y la ductilidad global del sistema, reduciendo la demanda inelástica en los elementos críticos y asegurando que el comportamiento estructural se mantenga dentro del rango A–IO para escenarios sísmicos severos