UNIVERSIDAD CATÓLICA ANDRÉS BELLO

FACULTAD DE INGENIERÍA

ESCUELA DE INGENIERÍA INDUSTRIAL

“Propuestas de mejora en los procesos logísticos de un centro de distribución de una empresa de tiendas de conveniencias mediante el uso de técnicas de simulación”

Tomo de Anexos

TRABAJO ESPECIAL DE GRADO

Presentado ante la

UNIVERSIDAD CATÓLICA ANDRÉS BELLO

como parte de los requisitos para optar al título de

INGENIERO INDUSTRIAL

REALIZADO POR Cabrera Linares, Auwlyee Isaac

PROFESOR GUIA Gasparin, Henry

FECHA Octubre, 2013

UNIVERSIDAD CATÓLICA ANDRÉS BELLO

FACULTAD DE INGENIERÍA

ESCUELA DE INGENIERÍA INDUSTRIAL

“Propuestas de mejora en los procesos logísticos de un centro de distribución de una empresa de tiendas de conveniencias mediante el uso de técnicas de simulación”

Este Jurado: una vez realizado el examen del presente trabajo ha evaluado su contenido con el resultado:

JURADO EXAMINADOR

Firma:	Firma:	Firma:
Nombre:	Nombre:	Nombre:

REALIZADO POR Cabrera Linares, Auwlyee Isaac

PROFESOR GUIA Gasparin, Henry

FECHA Octubre, 2013

UCAB Universidad Católica ANDRÉS BELLO
Escuela de Ingeniería Industrial

INDICE GENERAL

Figura A 1: Calendario de trabajo. 2
Figura A 2: Entrega de Bulto Original. 4
Figura A 3: Modelo de Recepción de Bulto Original 4
Figura A 4: Tablas Rate's para la llegada de los camiones 5
Figura A 5: Puertas de Desembarque 6
Figura A 6: Separator 6
Figura A 7: Bahía de Recepción de Productos 7
Figura A 8: Montacarga de la bahía de recepción. 8
Figura A 9: Modelo de entrega de Medicinas y Misceláneos 9
Figura A 10: Source de llegada de camiones. 9
Figura A 11: Servers de puertas de los camiones. 10
Figura A 12: Separadores de Misceláneos y Medicina. 10
Figura A 13: Bahías de Recepción de Medicina y Misceláneo. 11
Figura A 14: Montacargas de Medicina y Misceláneos. 11
Figura A 15: Área de despacho de Pick to Pallet 12
Figura A 16: Servers de almacenaje de las zonas 1 y 2 de pick to pallet. 13
Figura A 17: CEBU 13
Figura A 18: Montacargas de la Zona 1 y Zona 2. 14
Figura A 19: Bahías de salidas de los productos. 15
Figura A 20: Piso PB (1) de Medicina 17
Figura A 21: Piso 2 de Medicina 17
Figura A 22: Piso 3 de Medicina. 18
Figura A 23: Operarios de las áreas de llenado. 18
Figura A 24: Cantidad de productos iniciales en cada rack. 19
Figura A 25: Cantidad de cestas creadas. 19
Figura A 26: Torre de Misceláneos. 21
Figura A 27: Cantidad de cestas creadas. 22
Figura A 28: Cantidad de productos iniciales en cada rack. 22
Figura A 29: Torres de Pick To Bell 23
Figura A 30: Cantidad de productos iniciales en cada rack. 24
Figura A 31: Área de calidad de misceláneos y medicina. 25
Figura A 32: Robot Sorter para los productos. 26
Figura A 33: Bahías de salida. 27
Figura A 34: Procesos dentro del modelo de Medicina 28
Figura A 35: Procesos dentro del modelo de Medicina 29
Figura A 36: Procesos dentro del modelo de Medicina 30
Figura A 37: Procesos dentro del modelo de Medicina 31
Figura A 38: Procesos dentro del modelo de Misceláneos 32
Figura A 39: Procesos dentro del modelo de Misceláneos 33
Figura A 40: Procesos dentro del modelo de Misceláneos 34

Figura A 41: Procesos dentro del modelo de Misceláneos 35
Figura A 42: Procesos dentro del modelo de pick to belt 36
Figura A 43: Procesos dentro del modelo de pick to belt. 37

Figura B 1: Resultados de la situación actual 39
Figura B 2: Resultados de la situación actual 40
Figura B 3: Resultados de la situación actual 41
Figura B 4: Resultados de la situación actual 42
Figura B 5: Resultados de la situación actual 43
Figura B 6: Resultados de la situación actual 44
Figura B 7: Resultados de la situación actual 45
Figura B 8: Resultados de la situación actual 46
Figura B 9: Resultados de la situación actual 47
Figura B 10: Resultados de la situación actual 48
Figura B 11: Resultados de la situación actual 49
Figura B 12: Resultados de la situación actual 50
Figura B 13: Resultados de la situación actual 51
Figura B 14: Resultados de la situación actual 52
Figura B 15: Resultados de la situación actual 53
Figura B 16: Resultados de la situación actual 54
Figura B 17: Resultados de la situación actual 55
Figura B 18: Resultados de la situación actual 56
Figura B 19: Resultados de la situación actual 57
Figura B 20: Resultados de la situación actual 58
Figura B 21: Resultados de la situación actual 59

Figura C1 1: Resultados del escenario 1 60
Figura C1 2: Resultados del escenario 1 61
Figura C1 3: Resultados del escenario 1 62
Figura C1 4: Resultados del escenario 1 63
Figura C1 5: Resultados del escenario 1 64
Figura C1 6: Resultados del escenario 1 65
Figura C1 7: Resultados del escenario 1 66
Figura C1 8: Resultados del escenario 1 67
Figura C1 9: Resultados del escenario 1 68
Figura C1 10: Resultados del escenario 1 69
Figura C1 11: Resultados del escenario 1 70
Figura C1 12: Resultados del escenario 1 71
Figura C1 13: Resultados del escenario 1 72
Figura C1 14: Resultados del escenario 1 73

Figura C1 15: Resultados del escenario 1 74
Figura C1 16: Resultados del escenario 1 75
Figura C1 17: Resultados del escenario 1 76
Figura C1 18: Resultados del escenario 1 77
Figura C1 19: Resultados del escenario 1 78
Figura C1 20: Resultados del escenario 1 79
Figura C1 21: Resultados del escenario 1 80
Figura C1 22: Resultados del escenario 1 81
Figura C1 23: Resultados del escenario 1 82
Figura C1 24: Resultados del escenario 1 83
Figura C1 25: Resultados del escenario 1 84
Figura C1 26: Resultados del escenario 1 85
Figura C1 27: Resultados del escenario 1 86
Figura C1 28: Resultados del escenario 1 87

Figura C2 1: Resultados del escenario 2 88
Figura C2 2: Resultados del escenario 2 89
Figura C2 3: Resultados del escenario 2 90
Figura C2 4: Resultados del escenario 2 91
Figura C2 5: Resultados del escenario 2 92
Figura C2 6: Resultados del escenario 2 93
Figura C2 7: Resultados del escenario 2 94
Figura C2 8: Resultados del escenario 2 95
Figura C2 9: Resultados del escenario 2 96
Figura C2 10: Resultados del escenario 2 97
Figura C2 11: Resultados del escenario 2 98
Figura C2 12: Resultados del escenario 2 99
Figura C2 13: Resultados del escenario 2 100
Figura C2 14: Resultados del escenario 2 101
Figura C2 15: Resultados del escenario 2 102
Figura C2 16: Resultados del escenario 2 103
Figura C2 17: Resultados del escenario 2 104
Figura C2 18: Resultados del escenario 2 105
Figura C2 19: Resultados del escenario 2 106
Figura C2 20: Resultados del escenario 2 107
Figura C2 21: Resultados del escenario 2 108
Figura C2 22: Resultados del escenario 2 109
Figura C2 23: Resultados del escenario 2 110
Figura C2 24: Resultados del escenario 2 111
Figura C2 25: Resultados del escenario 2 112
Figura C2 26: Resultados del escenario 2 113

Figura C2 27: Resultados del escenario 2 114
Figura C2 28: Resultados del escenario 2 115
Figura C2 29: Resultados del escenario 2 116
Figura C2 30: Resultados del escenario 2 117
Figura C2 31: Resultados del escenario 2 118

Figura C3 1: Resultados del escenario 3 119
Figura C3 2: Resultados del escenario 3 120
Figura C3 3: Resultados del escenario 3 121
Figura C3 4: Resultados del escenario 3 122
Figura C3 5: Resultados del escenario 3 123
Figura C3 6: Resultados del escenario 3 124
Figura C3 7: Resultados del escenario 3 125
Figura C3 8: Resultados del escenario 3 126
Figura C3 9: Resultados del escenario 3 127
Figura C3 10: Resultados del escenario 3 128
Figura C3 11: Resultados del escenario 3 129
Figura C3 12: Resultados del escenario 3 130
Figura C3 13: Resultados del escenario 3 131
Figura C3 14: Resultados del escenario 3 132
Figura C3 15: Resultados del escenario 3 133
Figura C3 16: Resultados del escenario 3 134
Figura C3 17: Resultados del escenario 3 135
Figura C3 18: Resultados del escenario 3 136
Figura C3 19: Resultados del escenario 3 137
Figura C3 20: Resultados del escenario 3 138
Figura C3 21: Resultados del escenario 3 139
Figura C3 22: Resultados del escenario 3 140
Figura C3 23: Resultados del escenario 3 141
Figura C3 24: Resultados del escenario 3 142
Figura C3 25: Resultados del escenario 3 143
Figura C3 26: Resultados del escenario 3 144
Figura C3 27: Resultados del escenario 3 145
Figura C3 28: Resultados del escenario 3 146
Figura C3 29: Resultados del escenario 3 147
Figura C3 30: Resultados del escenario 3 148
Figura C3 31: Resultados del escenario 3 149
Figura C3 32: Resultados del escenario 3 150
Figura C3 33: Resultados del escenario 3 151
Figura C3 34: Resultados del escenario 3 152
Figura C3 35: Resultados del escenario 3 153

Figura C3 36: Resultados del escenario 3 154
Figura C3 37: Resultados del escenario 3 155

UCAB Universidad Católica ANDRÉS BELLO
Escuela de Ingeniería Industrial

ANEXO A: MODELO DE SIMULACIÓN

El Centro de Distribución de FARMATODO (FTD), ubicado en Charallave. En él se llevan a cabo los procesos de preparación de pedidos para surtir a todas las tiendas FTD ubicadas a nivel nacional. Estos pedidos son originados de forma automática por el sistema de la empresa, el cual especifica que productos, y en qué cantidad van a ser despachados en el día, a las tiendas correspondientes.

Estos pedidos son despachados mediantes las llamadas OLAS, la cual es una forma estructurada de dividir todas las tiendas que serán servidas ese día según una condición en particular definida por la empresa. El días se conforma con 7 OLAS que contienen en promedio 16 tiendas a servir, dando un aproximado de tiendas despachadas por día de 112.

El CENDIS labora, 5 días a la semana, en un horario de 9 am a 6pm, con una hora de almuerzo escalonada para los empleados. Los procesos llevados a cabo en el son:

- Recepción de Productos
    - Bulto Original
    - Medicina
    - Misceláneos
- Despacho
    - Pick to Pallet
    - Pick to Light
        - Medicina
        - Misceláneo
    - Pick to Belt
- Almacenamiento y Reposición

Para efectos del presente modelo de simulación, solo se tomarán en cuenta los procesos realizados dentro del CENDIS, es decir: Recepción de Productos, Almacenamiento, Reposición y Despacho así como que solo se dispondrá de tiempos en los procesos, sin tomar en cuenta los porcentajes de utilización de los recursos.

En todos los modelos generados en el simulador se tomó en cuenta el tiempo de operaciones comprenden un total de 5 días a la semana desde las 9 am hasta las 5 pm. Para generar el horario de trabajo se utilizó una herramienta del programa de simulación llamada Schedule (calendario).

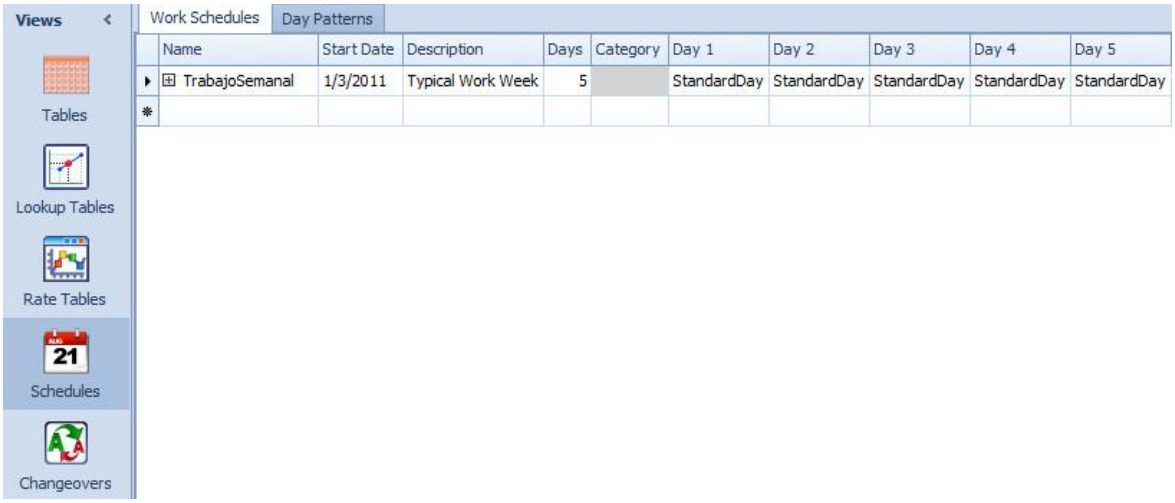

Figura A 1: Calendario de trabajo.

Fuente: Elaboración Propia.

- Recepción
  - *Bulto Original*

La recepción de bulto original (Productos paletizados o detal), es realizada en 10 puertas. El proceso de recepción va desde el momento en que el camión se pega a la puerta correspondiente, hasta que se despega. Una vez que el camión se pega, los empleados descargan el camión y llevan las paletas hasta

una zona en la bahía de la recepción llamada “Pick and Drop”. En la Figura N.IV.1 se puede observar el modelo generado. Los tiempos de recepción de bulto original varían según el tipo de producto y la cantidad, esta tiene el siguiente comportamiento:

Numero de Puerta	Tiempo de Procesamiento (ProcessingTime) (min)
1	Triangular (1,3,4)
2	Triangular(1,1.5,2)
3	Triangular(1,2,2.2)
4	Triangular(5,8,10)
5	Triangular(5,8,10)
6	Triangular(7,9,12)
7	Triangular(2,5,7)
8	Triangular(4,6,10)
9	Triangular(7,14,17)
10	Triangular(4,8,12)

Tabla A 1: Numero de puerta y tiempo de procesamiento en cada una.

Fuente: Elaboración Propia

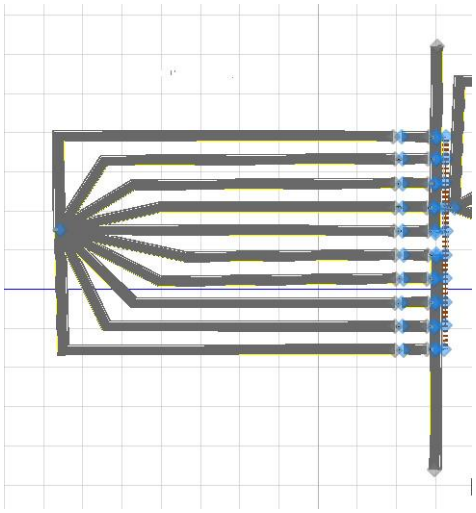

Figura A 2: Entrega de Bulto Original.

Fuente: Elaboración Propia

Para efectos del modelo desarrollado, se usaron 10 puertas, en ellas, llegan 4 camiones al día por puerta para un total de 40 camiones al día. La puerta a elegir será la puerta que se encuentre disponible. En la Figura N.IV.2 se pueden observar las puertas de recepción.

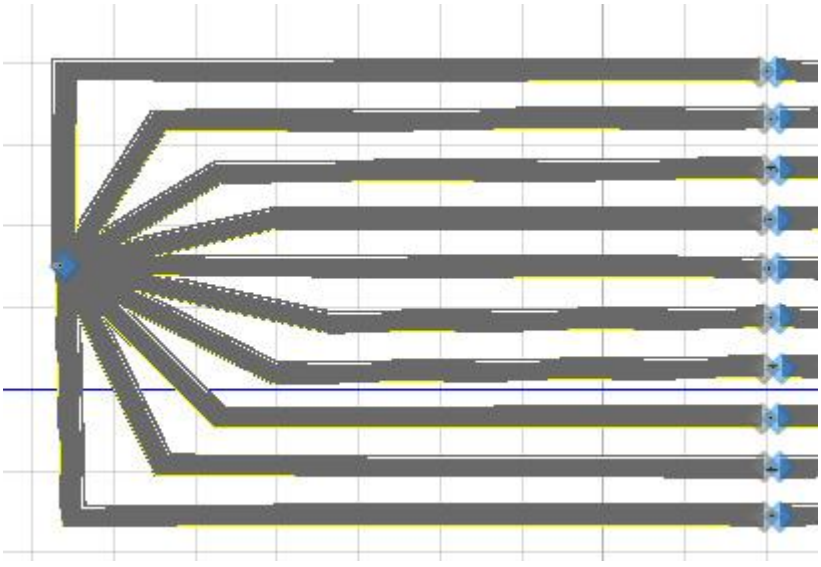

Figura A 3: Modelo de Recepción de Bulto Original

Fuente: Elaboración Propia

Se utilizó un Source (Llegada de Camiones) como el generador de entrada de los camiones que vienen a despacho. La llegada de los camiones será simulada a través de una herramienta del programa conocida como “Rate Tables”, con ellas podremos poner cuantos camiones llegan por hora a las Puertas.

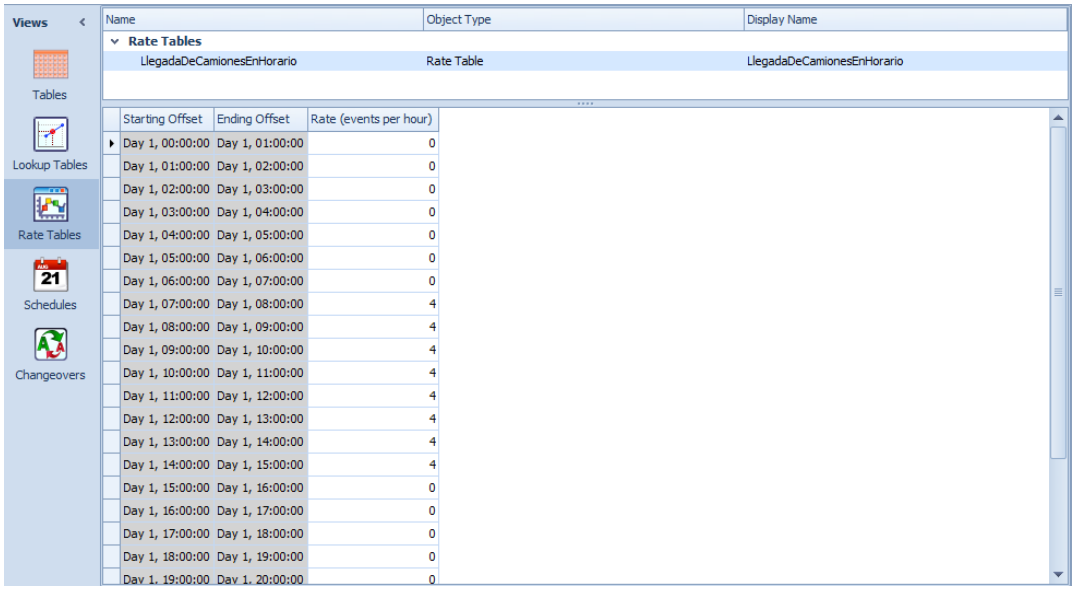

Figura A 4: Tablas Rate’s para la llegada de los camiones

Fuente: Elaboración Propia

Las puertas son las que simulan el tiempo de atención del camión en la bahía.

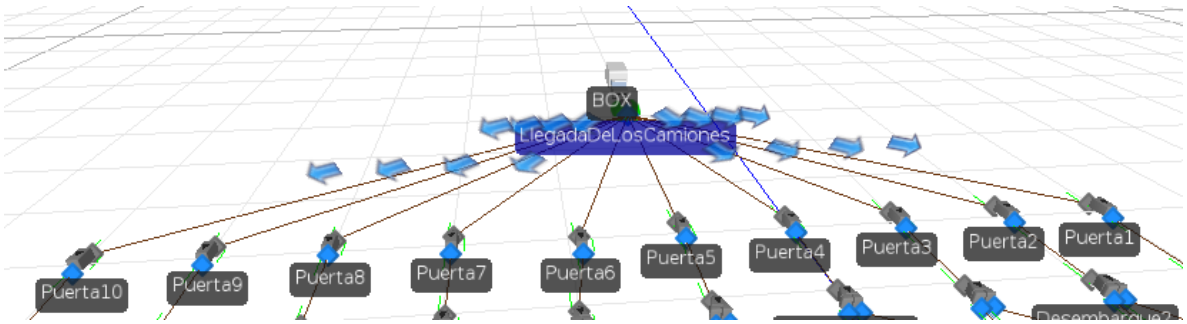

Figura A 5: Puertas de Desembarque

Fuente: Elaboración Propia

Luego de los camiones llegar paran a un objeto llamado "Separator" el cual su función es separar el camión de la cantidad de productos que puedan traer los camiones. Para obtener la cantidad de productos que traen los camiones se usó una distribución estadística igual a Triangular (50, 60,70) bultos por camión.

Figura A 6: Separator

Fuente: Elaboración Propia

Al ser separado los camiones del producto (bulto original), pasan a una bahía de recepción que sería el área donde los montacarga dejan los productos del

camión a la entrada del CENDIS. Dichos productos se colocan en el piso a la espera de ser recogidos por un montacarga y ser llevados a los diferentes racks de almacenamiento. En este caso, se generó un “server” el cual hace de función de lugar de espera hasta el siguiente proceso.

Figura A 7: Bahía de Recepción de Productos

Fuente: Elaboración Propia

Para los efectos de transporte se usara un objeto llamado “vehicle” (vehículo en inglés) el cual hará la función de montacargas el cual moverá los diferentes bultos que son dejados por los camiones y este los repartirá de manera arbitraria a las diferentes zonas de almacenamiento. Por falta de datos, la ruta de movimiento de este vehículo fue generada de manera aleatoria.

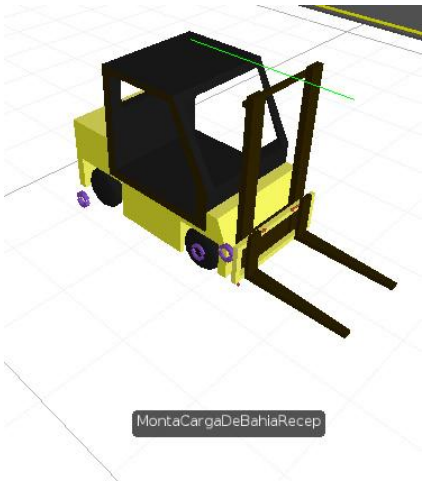

Figura A 8: Montacarga de la bahía de recepción.

Fuente: Elaboracion propia

- *Medicina y Misceláneos*

La recepción de productos de medicina y misceláneos se realiza en otro extremo del CENDIS. Este proceso es muy similar a la recepción de bulto original, la diferencia radica en que la mayoría de productos llegan en forma detal no paletizado, lo que hace que varíe el tiempo de descarga.

Ambas bahías se encuentran una al lado de la otra, por lo que en el modelo se dispuso de la misma manera.

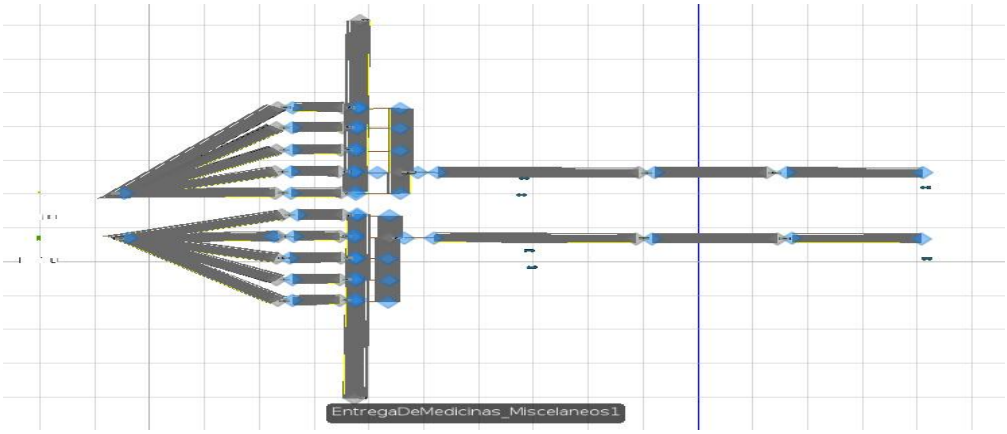

Figura A 9: Modelo de entrega de Medicinas y Misceláneos

Fuente: Elaboración Propia

Para efectos del modelo desarrollado, se usaron 10 puertas, en ellas, llegan 4 camiones al día por puerta para un total de 40 camiones al día. La puerta a elegir será la puerta que se encuentre disponible.

Se utilizó nuevamente el objeto de “source” (fuente) para generar la entrada de los camiones que vienen a despacho. Se usó la misma tabla de la Figura N.IV.3 para obtener la llegada de camiones.

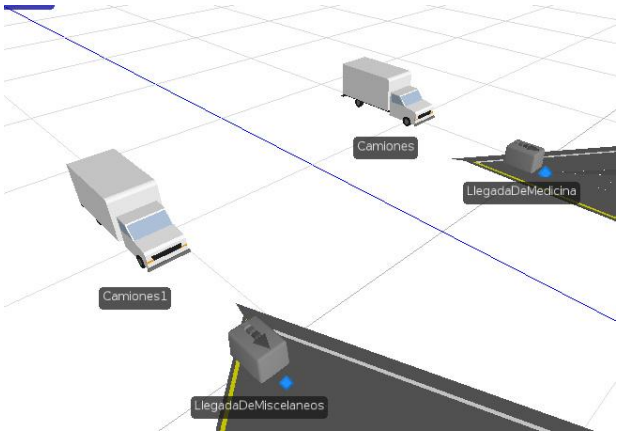

Figura A 10: Source de llegada de camiones.

Fuente: Elaboración Propia

Como en el primer modelo generado, aquí se usaran “servers” los cual simulan las puertas de desembarque de los diferentes camiones con los productos no paletizados. Estas puertas simulaban el tiempo de atención del camión en la bahía. Se usó la misma tabla 1 con las mismas distribuciones.

Figura A 11: Servers de puertas de los camiones.

Fuente: Elaboración Propia

Se utilizó el mismo objeto “Separator” para generar la salida de los camiones de su producto. Para obtener la cantidad de productos que traen los camiones se utilizó una distribución y se dividió en: para los misceláneos se usó una Triangular (70, 75,80) productos por camión y para las medicinas una Triangular (80, 85,90) productos por camión.

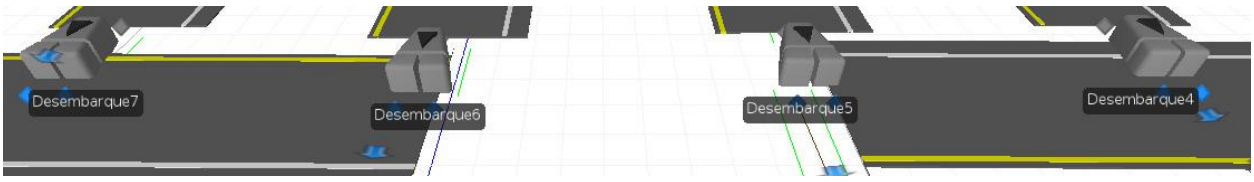

Figura A 12: Separadores de Misceláneos y Medicina.

Elaboración: Fuente Propia

En este caso se generaron dos “servers” los cuales simulan las bahías de recepción de medicina y otra de misceláneos respectivamente. Estos servers

son las áreas donde los productos no paletizados son puestas en el suelo a la espera de su montacarga para poder ser trasladada y almacenada en los diferentes racks.

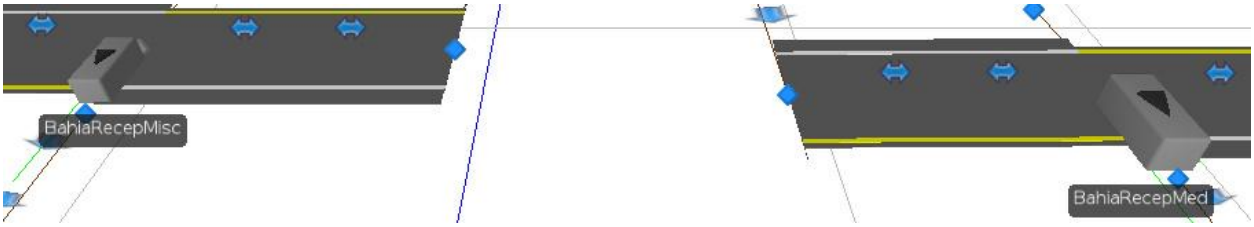

Figura A 13: Bahías de Recepción de Medicina y Misceláneo.

Fuente: Elaboración propia.

Al igual que el modelo anterior, se usaron “Vehicles” que simulan los montacargas que van desde la bahía de recepción hasta los racks de cada uno de los productos, ya sean Misceláneos o Medicina.

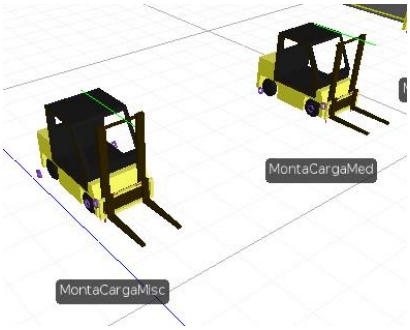

Figura A 14: Montacargas de Medicina y Misceláneos.

Fuente: Elaboración Propia

- Despacho
    - *Pick to Pallet*

Este proceso es realizado por los operarios haciendo uso de un traspaleta, estos recorren los racks de almacenaje los cuales se encuentran distribuidos en

dos zonas. Estas zonas son definidas por la empresa en función de la rotación de productos.

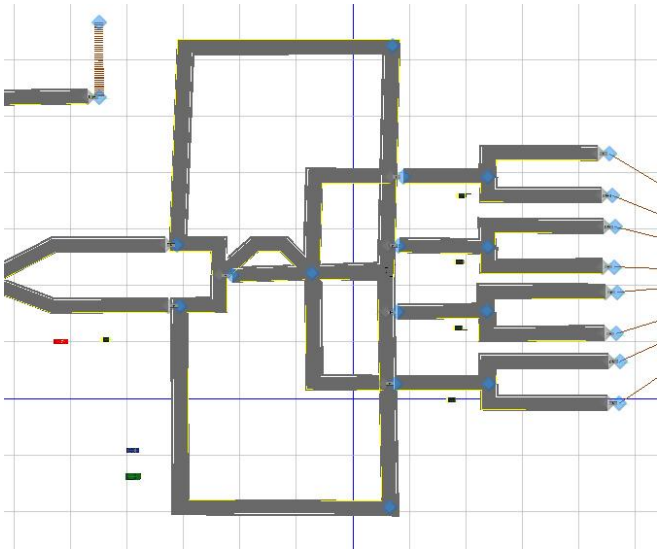

Figura A 15: Área de despacho de Pick to Pallet

Fuente: Elaboración Propia

Para simular el proceso de PTP, se generaron dos “Servers” los cuales ejercen como almacenes temporales y como tareas realizadas durante el proceso. Se tienen los servers “PTPZX” el cual es usado como almacén de las zonas Z1 y Z2, en donde los Vehículos, hacen el pick según un requerimiento dado.

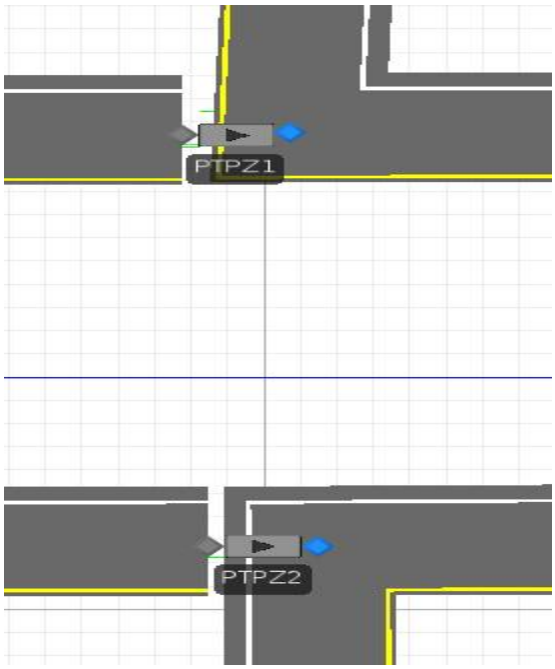

Figura A 16: Servers de almacenaje de las zonas 1 y 2 de pick to pallet.

Fuente: Elaboración Propia.

Luego de pasar por las zonas de almacenaje los montacargas de las zonas se disponen a entrar a un server llamado “CEBU” el cual se realiza el descuento de los productos tomados de un inventario total.

Figura A 17: CEBU

Fuente: Elaboración Propia

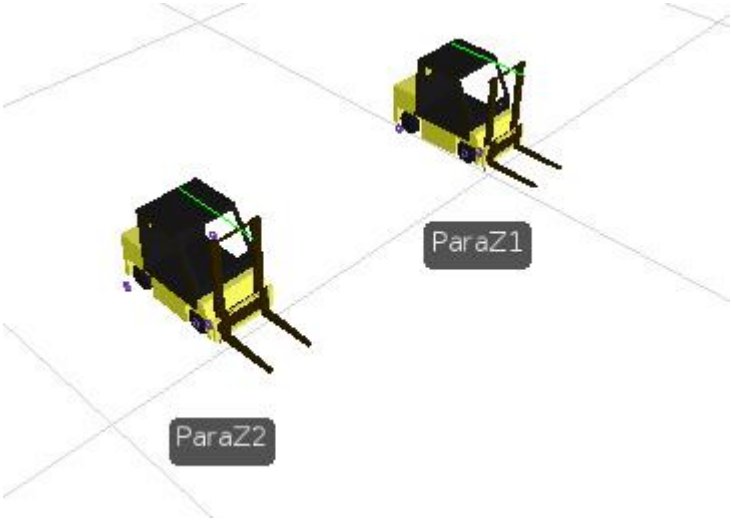

Figura A 18: Montacargas de la Zona 1 y Zona 2.

Fuente: Elaboración Propia.

Luego de pasar por el “CEBU” los montacargas se disponen a llevar la mercancía a las diferentes bahías de salidas. Esta elección de las bahías se hizo aleatoriamente ya que, por limitación de los datos, no se pudo trabajar con las olas. Para las bahías de salidas se utilizaron “servers” el cual representa cuando un producto es dejado en la puerta de embarque. En esta área intervienen diferentes montacargas los cuales son los que llevan los productos desde el “CEBU” hasta las puertas correspondientes.

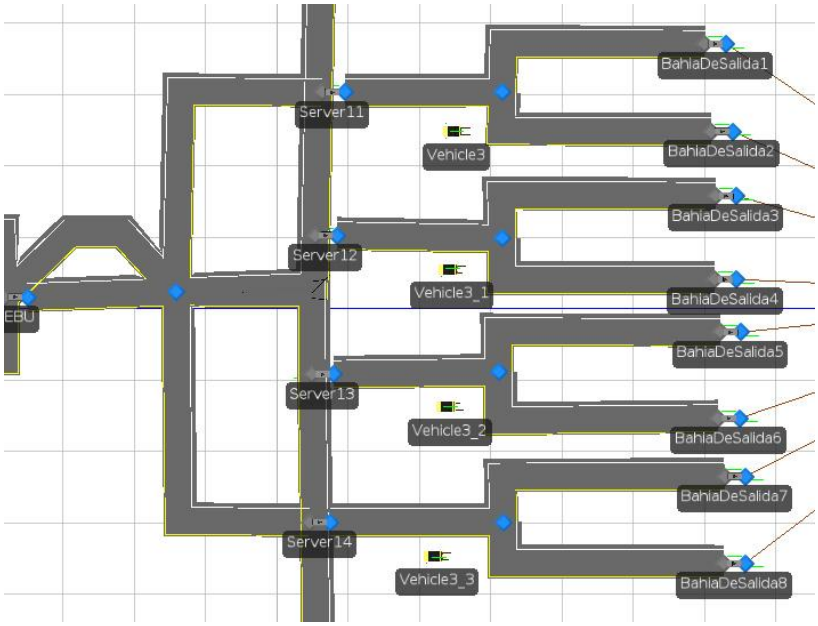

Figura A 19: Bahías de salidas de los productos.

Fuente: Elaboración Propia.

- *Pick to Light*
  - Medicina

El proceso de PTL de medicina, se realiza en una torre de dos pisos. En planta baja se tiene un robot el cual surte a las cajas con un pedido de forma automática. Para poder conocer la probabilidad de entradas de las cajas se contabilizaron las diferentes cajas obtenidas con datos de la empresa. Estos productos ubicados aquí son determinados por la empresa de acuerdo a su rotación y tipo de presentación.

Las cestas vacías que sale del área de cestas entrar primeramente a una decisión de si son llenadas o no por el robot. Si la respuesta es positiva, la cesta pasa a una cinta transportadora distinta en donde recorre hasta ser llenada por el robot el cual manda una orden de los productos necesarios para ser llenada la misma. Por limitación, no se conocen los tipos de productos, por lo tanto la cesta

y los productos serán tomados como una entidad general sin especificar las diferentes presentaciones de la misma.

Las cestas que tengan una respuesta negativa, es decir, no son llenados por el robot, pasan a un llenado manual por diferentes operarios. Se crearon 4 zonas diferentes de llenado manual con operarios en cada una de ellas los cuales surten tanto al robot para que tengan medicina como surten manualmente las cajas que entran a su estación.

Las cestas luego de estar llenas en la planta baja, ya sea por el robot o manual, estas recorren los otros dos pisos donde se encuentran diferentes estaciones de trabajo y más productos. Todas las cestas recorren los pisos hasta salir de esta y entrar al área de calidad. En los pisos siguientes se encuentran 3 estaciones de trabajo con dos operarios y dos servidores. El primer servidor es aquel que trae los productos de los racks de reposición hasta el rack de uso. El otro operario se moverá del rack de uso hasta el área de llenado de la cesta. La capacidad de carga del operario será de una distribución Uniforme (2,20) productos por operario. Este proceso ocurre de la misma manera en el último piso. Todas las cestas tienen un tiempo de llenado de una distribución estadística Uniforme (2,52) segundos por cesta.

Existen diferentes procesos que se encuentran dentro del modelo de simulación. La selección de si la caja fue llenada en el robot o no, la selección de entrada a las zonas de llenado manual y las diferentes etiquetas que se le colocan a las cajas para su identificación dentro del proceso se encuentran en las Figura N.IV. 22 a la Figura N.IV.25.

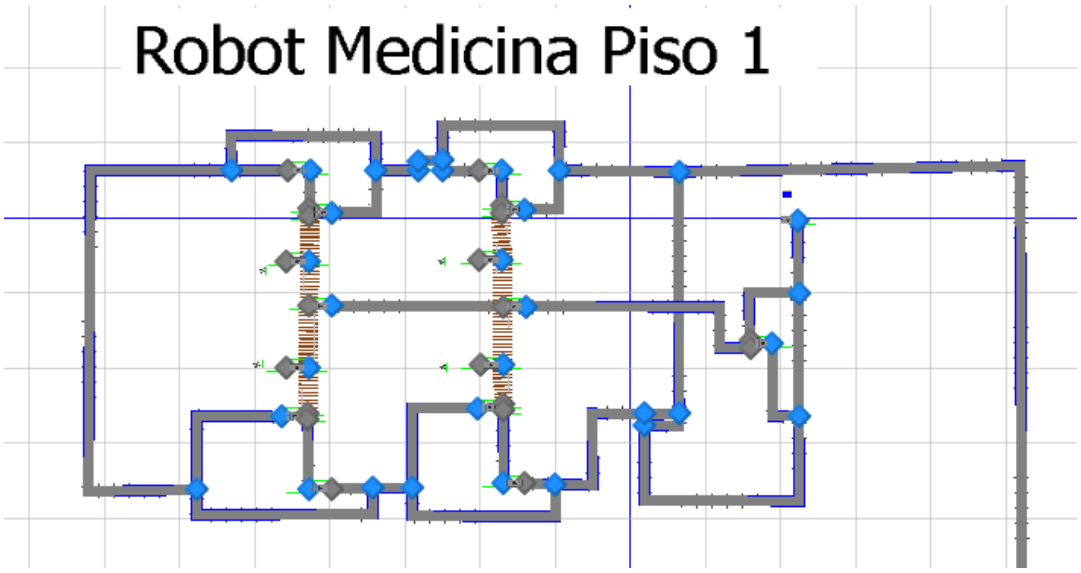

Figura A 20: Piso PB (1) de Medicina

Fuente: Elaboración Propia.

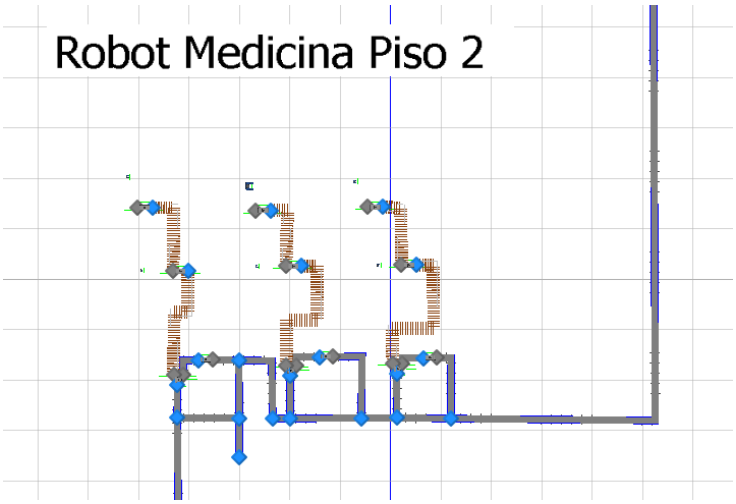

Figura A 21: Piso 2 de Medicina

Fuente: Elaboración Propia.

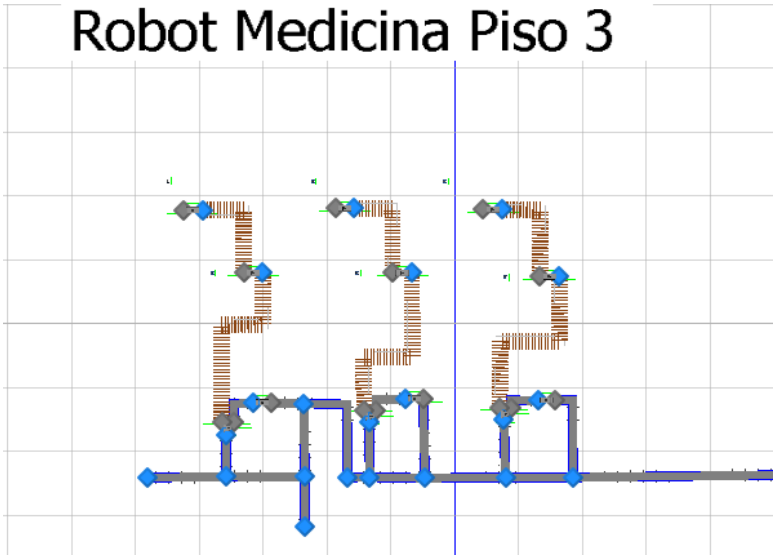

Figura A 22: Piso 3 de Medicina.

Fuente: Elaboración Propia

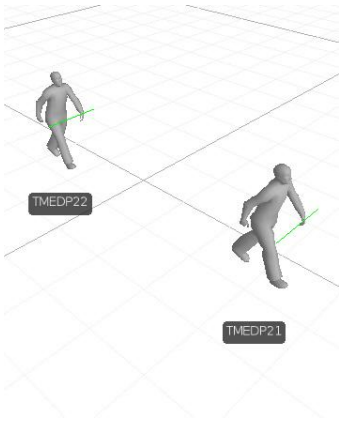

Figura A 23: Operarios de las áreas de llenado.

Fuente: Elaboración Propia.

Adicionalmente, ya que en la actualidad los racks se mantienen llenos y no empiezan con cero inventarios, todos los racks empezaran con una cantidad de productos. Además, la cantidad de cestas vacías se regulo a un total de ellas por cantidad de horas.

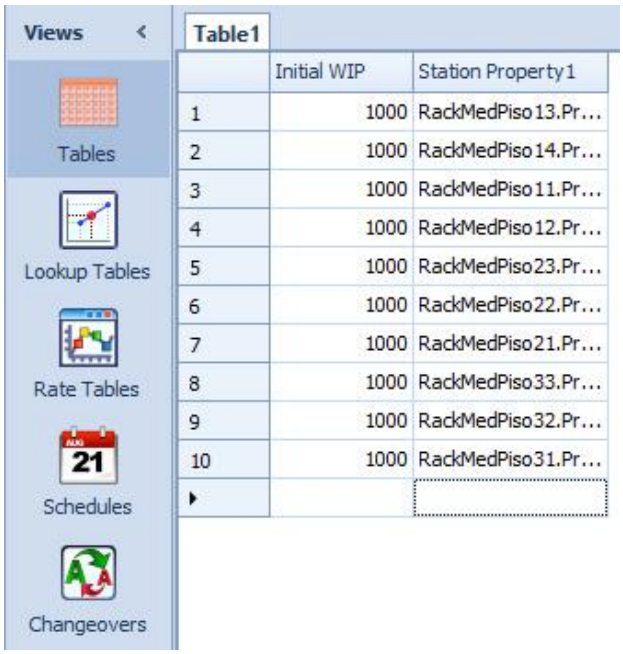

Figura A 24: Cantidad de productos iniciales en cada rack.

Fuente: Elaboración Propia.

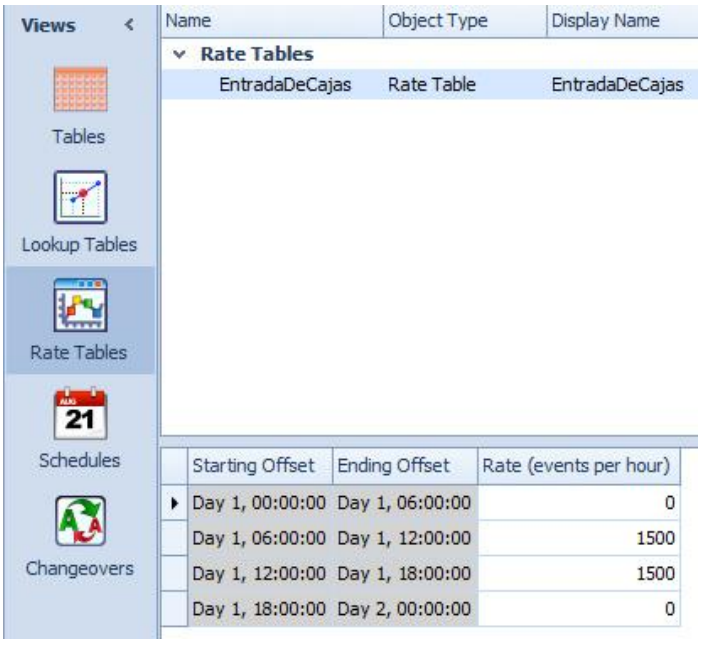

Figura A 25: Cantidad de cestas creadas.

Fuente: Elaboración Propia.

- Misceláneo

Misceláneos está compuesto de dos torres independientes de 2 pisos cada una, que al final del último piso se unen y se conectan junto a la torre de medicina con el área de calidad. La diferencia de atención entre el pick de misceláneos y de medicina, es que las cestas de misceláneos se distribuyen justo al piso donde serán llenadas con artículos, evitando así recorridos innecesarios por todo el sistema.

La distribución de las cestas entre los pisos para efectos del modelo será equiprobable, dado que en la realidad solo se sabe justo en el día cual será la distribución dependiendo del pedido y la ola que se esté corriendo.

El modelo inicia cuando las cestas salen del área de cestas y estas llegan a un punto de decisión donde, dependiendo de la probabilidad, estas se quedan en el piso 1,2 o 3 de la torre. Cada piso tiene 3 zonas de llenado manualmente por operarios. Los operarios se moverán desde los racks hasta el área de llenado de la cesta. El tiempo de atención de las cestas por los operarios es igual a la de Medicina con una distribución Uniforme de (2,52) segundos por cesta. La capacidad de carga del operario se mantiene igual que en medicina con una distribución de Uniforme (2,20) productos por operario.

Finalmente, las cestas cuando terminan su recorrido por el piso correspondiente, estas suben hasta el último piso en donde pasaran al área de calidad.

Adicionalmente, al igual que en modelo de Medicina, los procesos de cada de uno de los objetos se encuentran entre la Figura N.IV.32 y Figura N.IV.35. Ya que en la actualidad los racks se mantienen llenos y no empiezan con cero inventarios, todos los racks empezaran con una cantidad de productos.

Además, la cantidad de cestas vacías se regulo a un total de ellas por cantidad de horas.

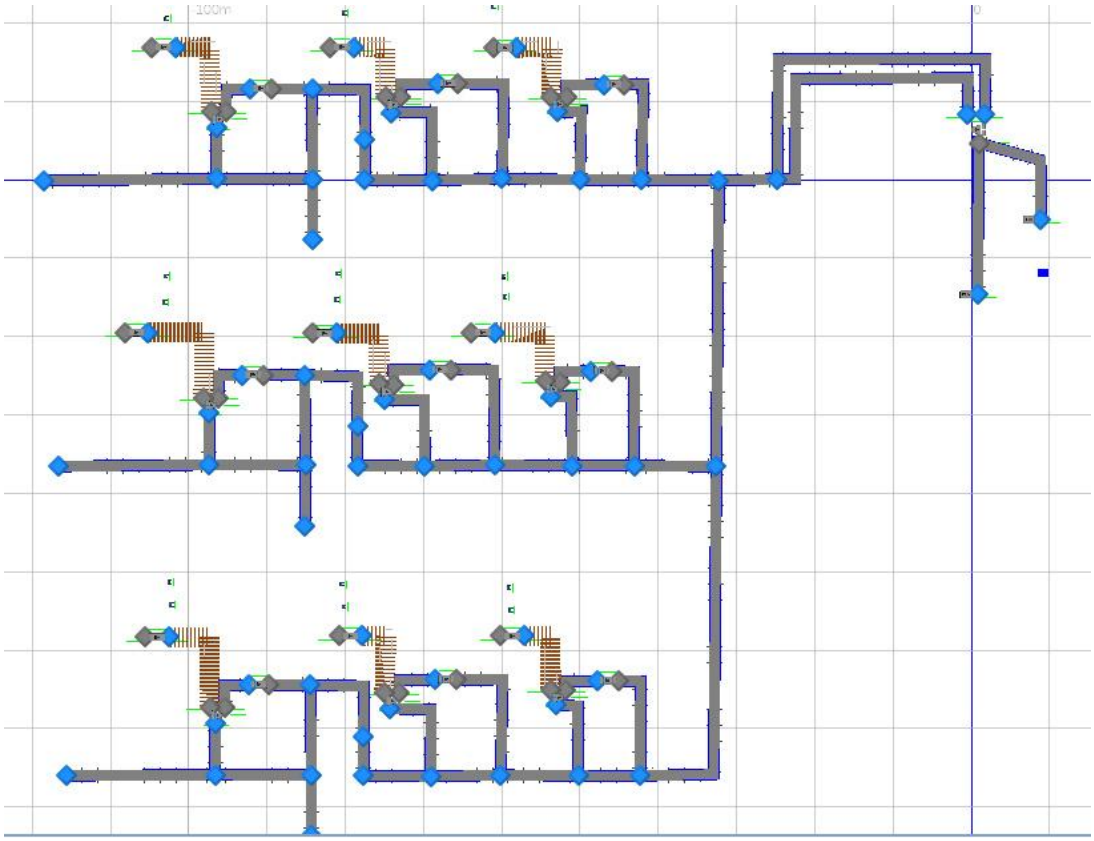

Figura A 26: Torre de Misceláneos.

Fuente: Elaboración Propia.

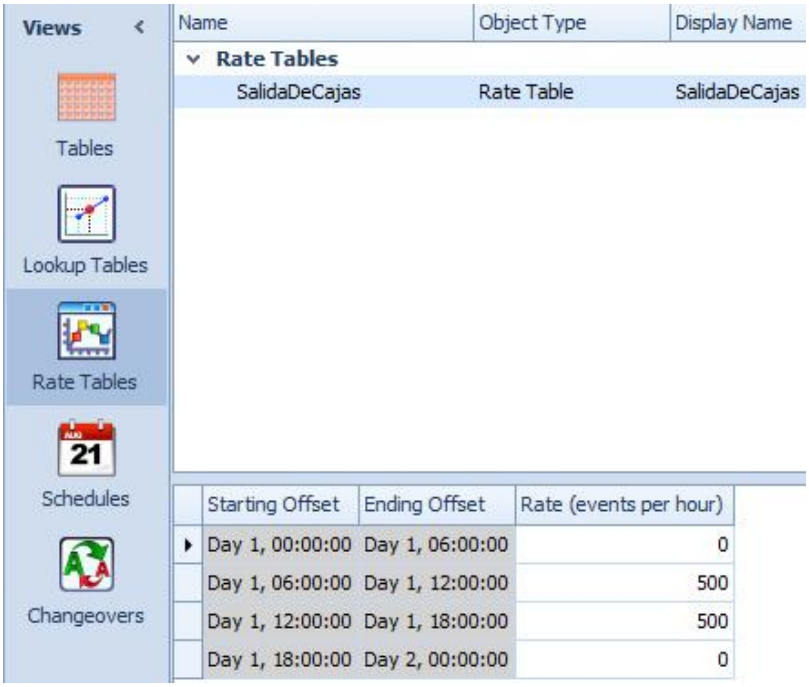

Figura A 27: Cantidad de cestas creadas.

Fuente: Elaboración Propia

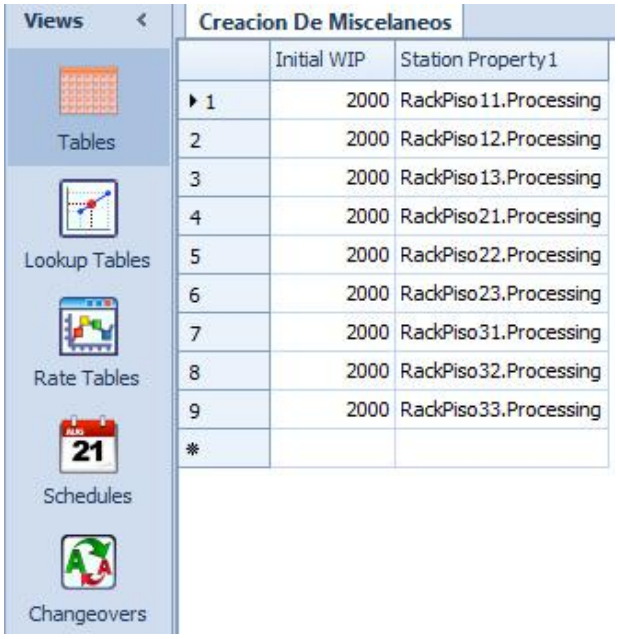

Figura A 28: Cantidad de productos iniciales en cada rack.

Fuente: Elaboración Propia.

- *Pick to Belt*

El proceso de pick to belt se realiza en dos torres independientes de 1 piso de altura cada una. En ellas existen 4 estaciones por piso donde los productos son alimentados a una correa según el pedido y la ola que este corriendo al momento. Cada una de las estaciones cuenta con un operario para poder montar el bulto a la correa transportadora. La cantidad de productos que puede cargar un operario sigue una distribución Uniforme (1,2) bultos por persona.

Al final de ambos pisos, los bultos son llevados hasta la correa de Sorter para ser enviado a las diferentes bahías de salidas.

Igual que los modelos de Medicinas y Miscelaneos, los inventarios no pueden empezar de cero asi que se genero un numero de productos en cada uno de los racks de este modelo. Ademas los procesos que tiene este modelo estan entre la Figura N.IV.39 y Figura N.IV.40.

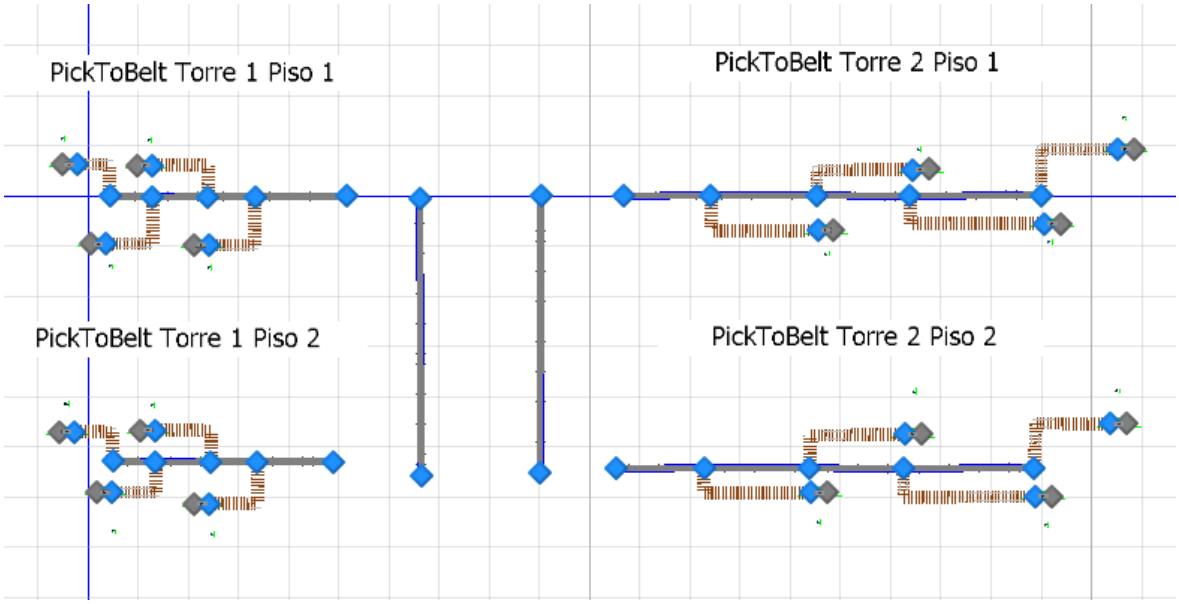

Figura A 29: Torres de Pick To Bell

Fuente: Elaboración Propia

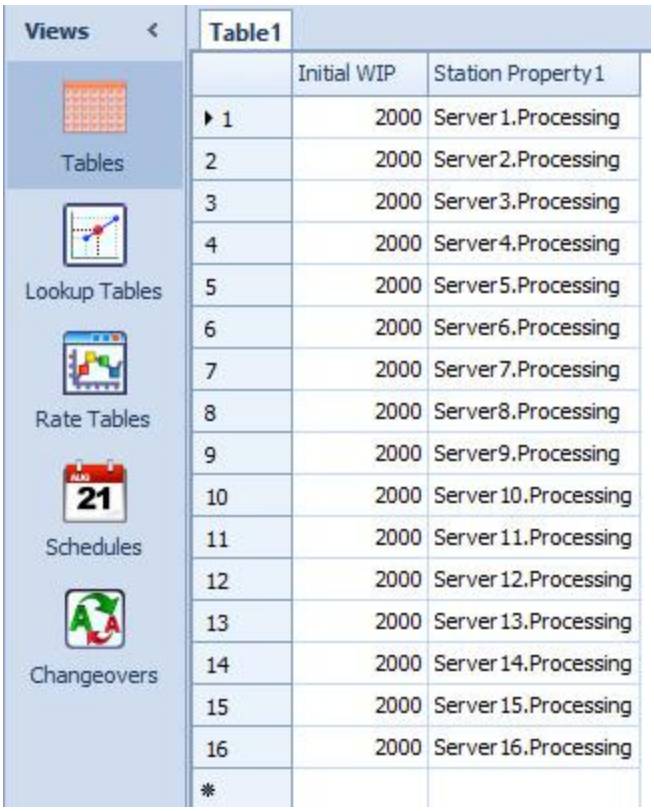

Table1

	Initial WIP	Station Property1
1	2000	Server1.Processing
2	2000	Server2.Processing
3	2000	Server3.Processing
4	2000	Server4.Processing
5	2000	Server5.Processing
6	2000	Server6.Processing
7	2000	Server7.Processing
8	2000	Server8.Processing
9	2000	Server9.Processing
10	2000	Server10.Processing
11	2000	Server11.Processing
12	2000	Server12.Processing
13	2000	Server13.Processing
14	2000	Server14.Processing
15	2000	Server15.Processing
16	2000	Server16.Processing
*		

Figura A 30: Cantidad de productos iniciales en cada rack.

Fuente: Elaboración Propia.

- *Calidad*

El proceso de calidad se realiza al final de las torres de medicina y misceláneos. En este punto las cestas son seleccionadas al azar, para ser revisadas y verificar si el pedido está completo y sin problemas.

En esta área se pueden observar dos tipos de “servers” los cuales representan el área de observación de la cesta, para verificar si la cesta fue llenada completamente con los productos correspondientes y el área de empaquetado, donde la cesta pasa a ser sellada.

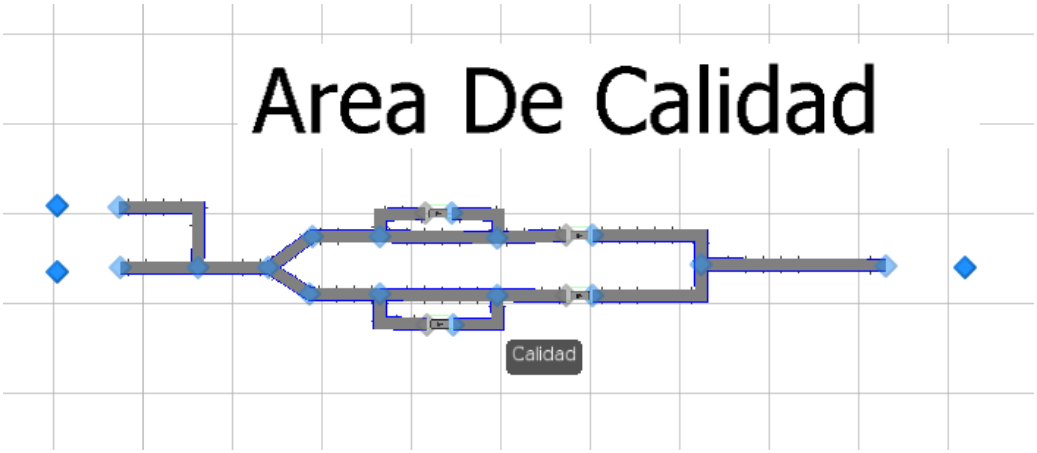

Figura A 31: Área de calidad de misceláneos y medicina.

Fuente: Elaboración Propia.

- *Sorter*

El último tramo que deben cumplir las cestas y los bultos de PTB antes de llegar a la bahía de salida, es el Sorter. Este robot, identifica todas las cajas y cestas y las redirige a la puerta de salida correspondiente de manera automática. Las probabilidades usadas fueron aleatorias ya que no se conoce el comportamiento de las olas. La entrada de un producto a cada una de las bahías depende del tipo de ola en la que se trabaje y debido a limitaciones de datos, no se pudo obtener un patrón de cómo se mueven las cestas y bultos.

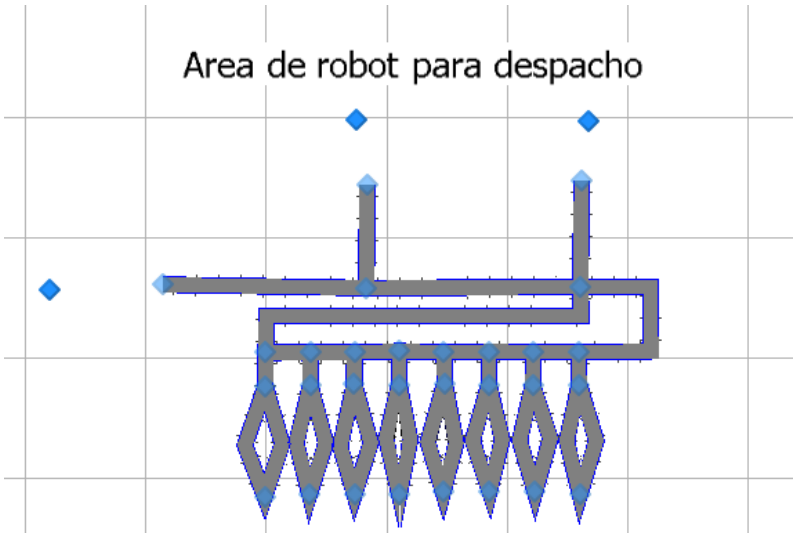

Figura A 32: Robot Sorter para los productos.

Fuente: Elaboración Propia.

- Bahías de Salida

Finalmente, la última etapa de la cesta y bultos es la bahía de salida. En este modelo los productos se van almacenando cerca de cada una de las bahías hasta que llegue el camión necesario para ser llenado y posterior mente despachado.

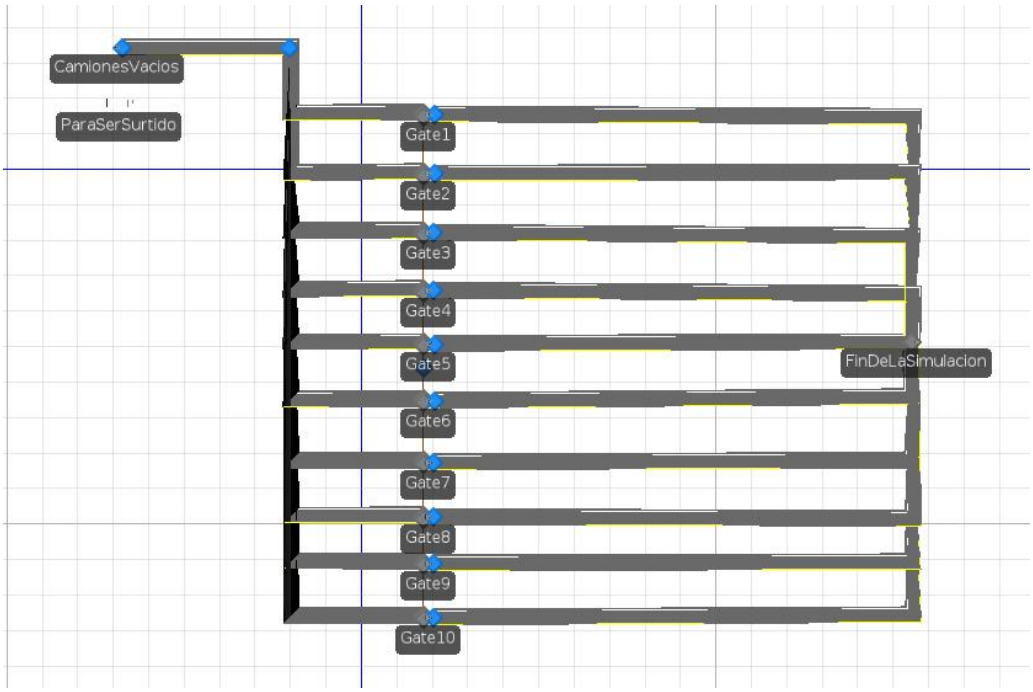

Figura A 33: Bahías de salida.

Fuente: Elaboración Propia.

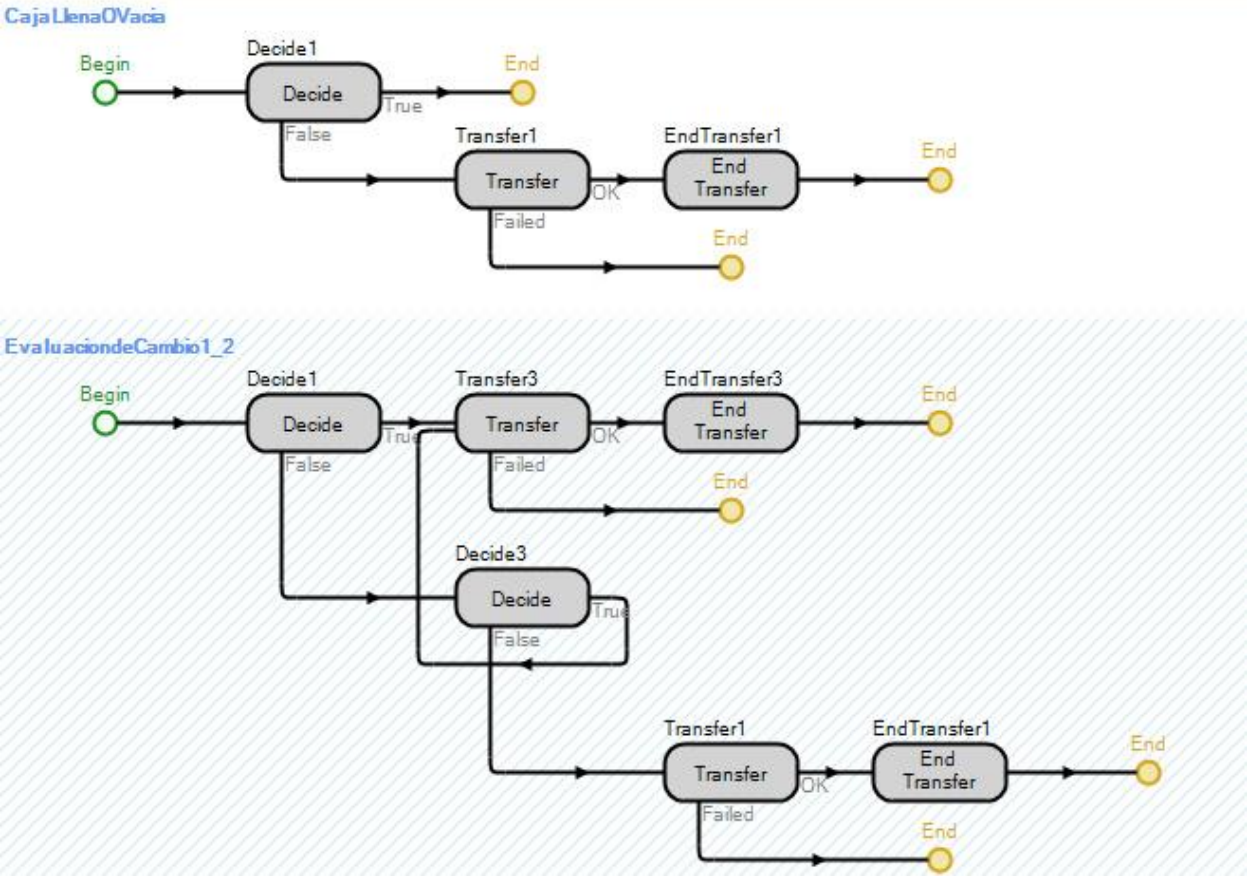

Figura A 34: Procesos dentro del modelo de Medicina

Fuente: Elaboración Propia

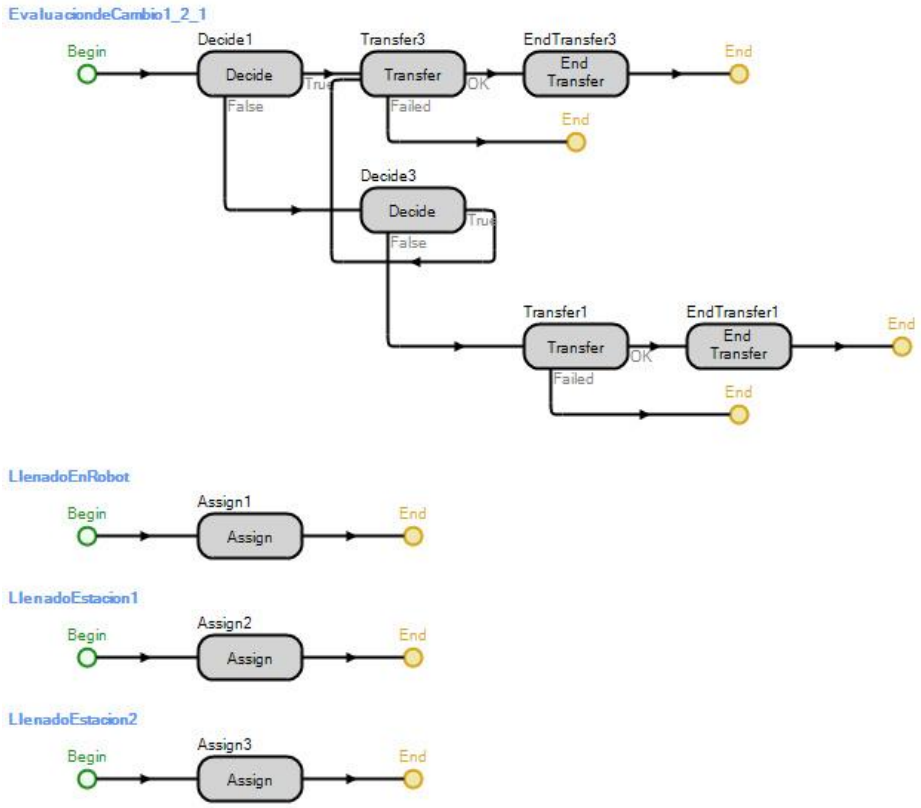

Figura A 35: Procesos dentro del modelo de Medicina

Fuente: Elaboración Propia

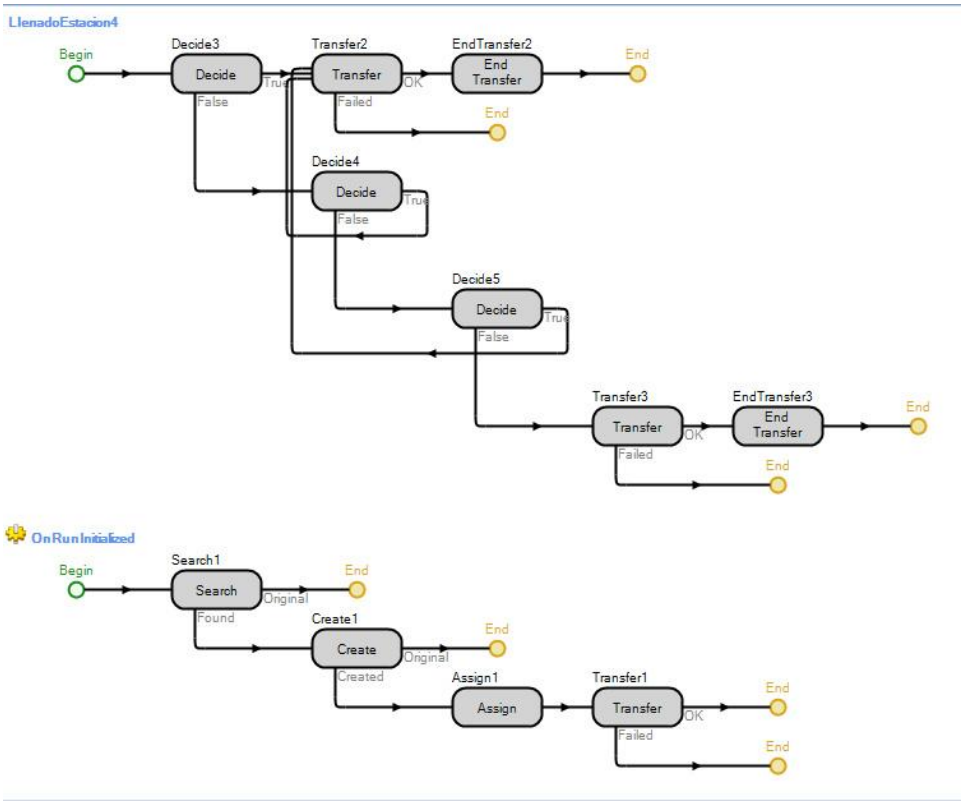

Figura A 36: Procesos dentro del modelo de Medicina

Fuente: Elaboración Propia

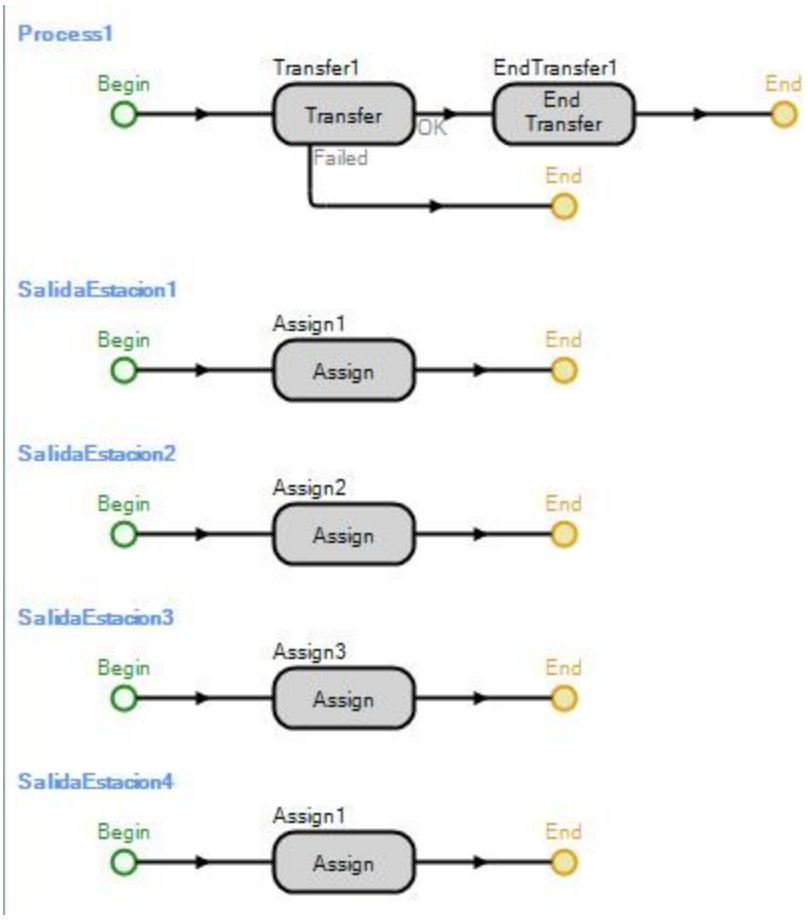

Figura A 37: Procesos dentro del modelo de Medicina

Fuente: Elaboración Propia

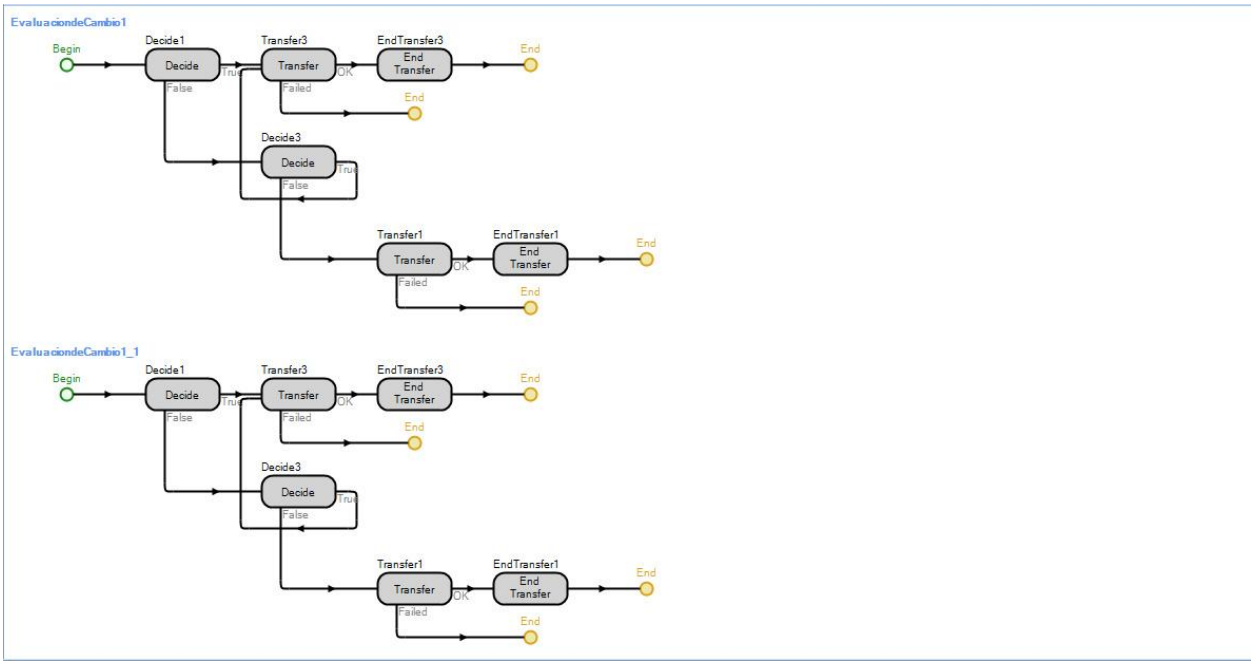

Figura A 38: Procesos dentro del modelo de Misceláneos

Fuente: Elaboración Propia.

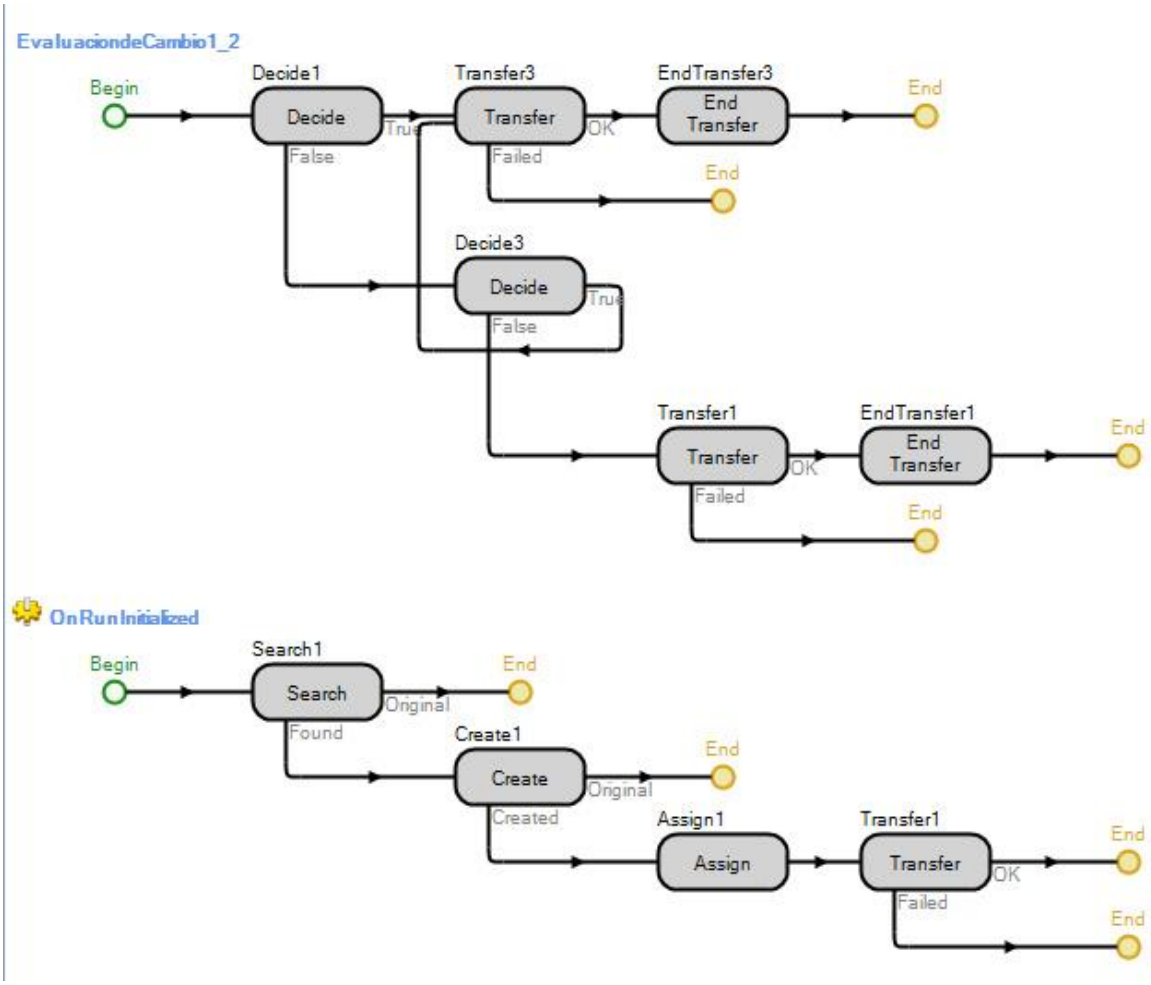

Figura A 39: Procesos dentro del modelo de Misceláneos

Fuente: Elaboración Propia.

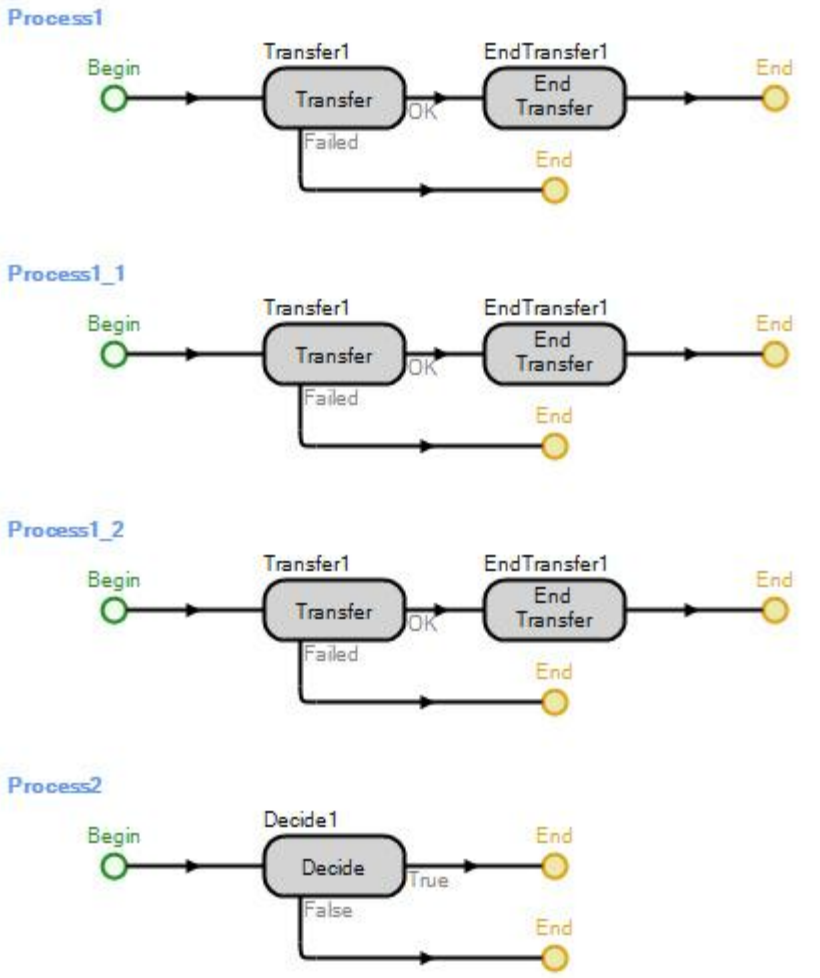

Figura A 40: Procesos dentro del modelo de Misceláneos

Fuente: Elaboración Propia.

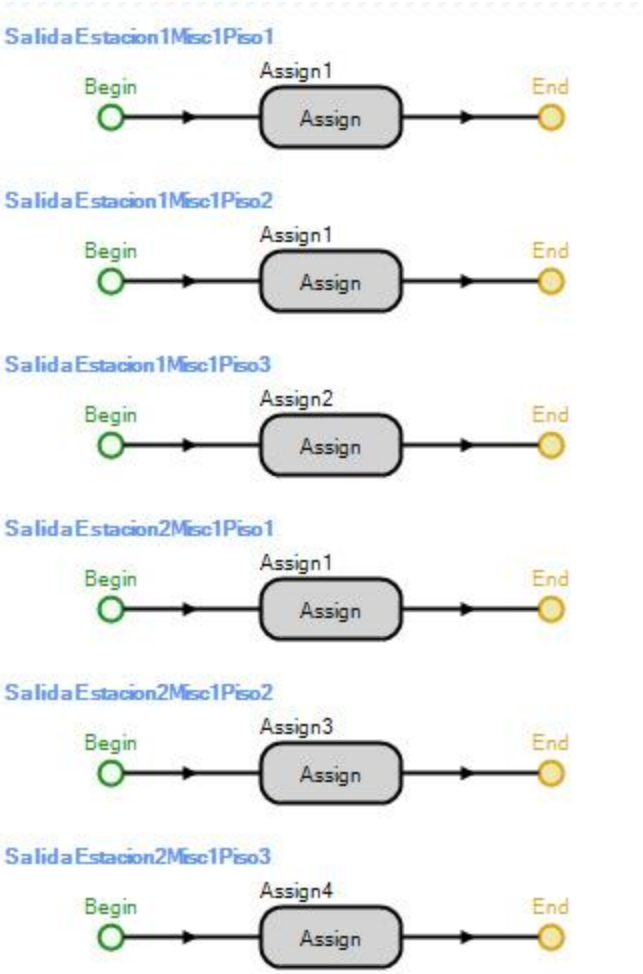

Figura A 41: Procesos dentro del modelo de Misceláneos

Fuente: Elaboración Propia.

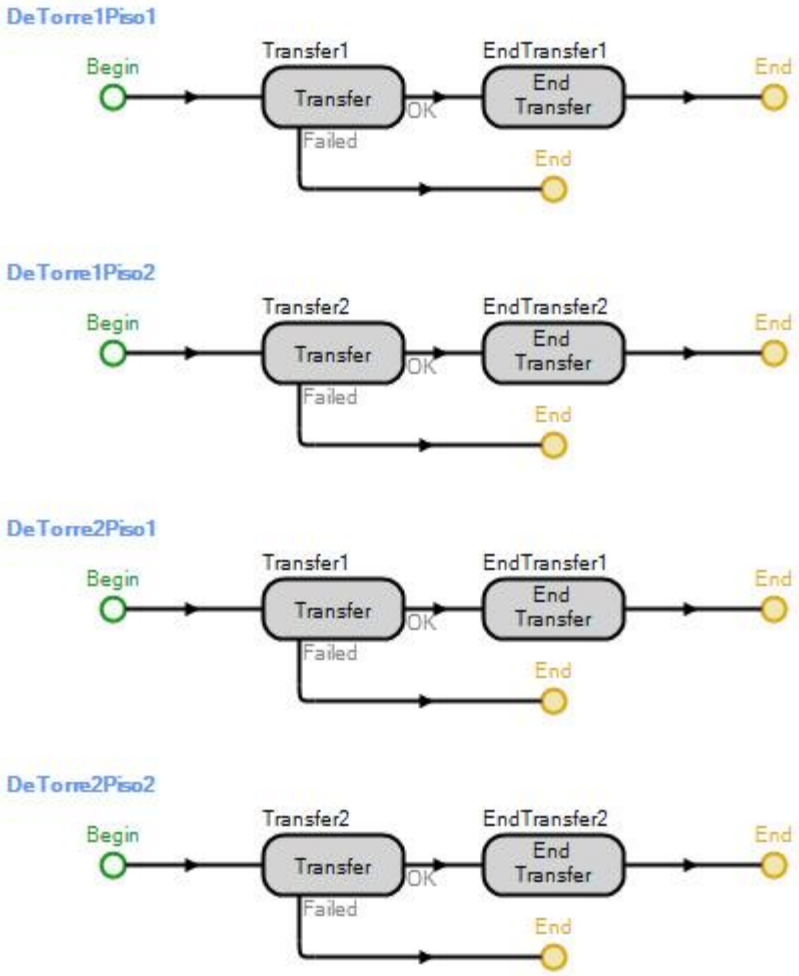

Figura A 42: Procesos dentro del modelo de pick to belt

Fuente: Elaboración Propia.

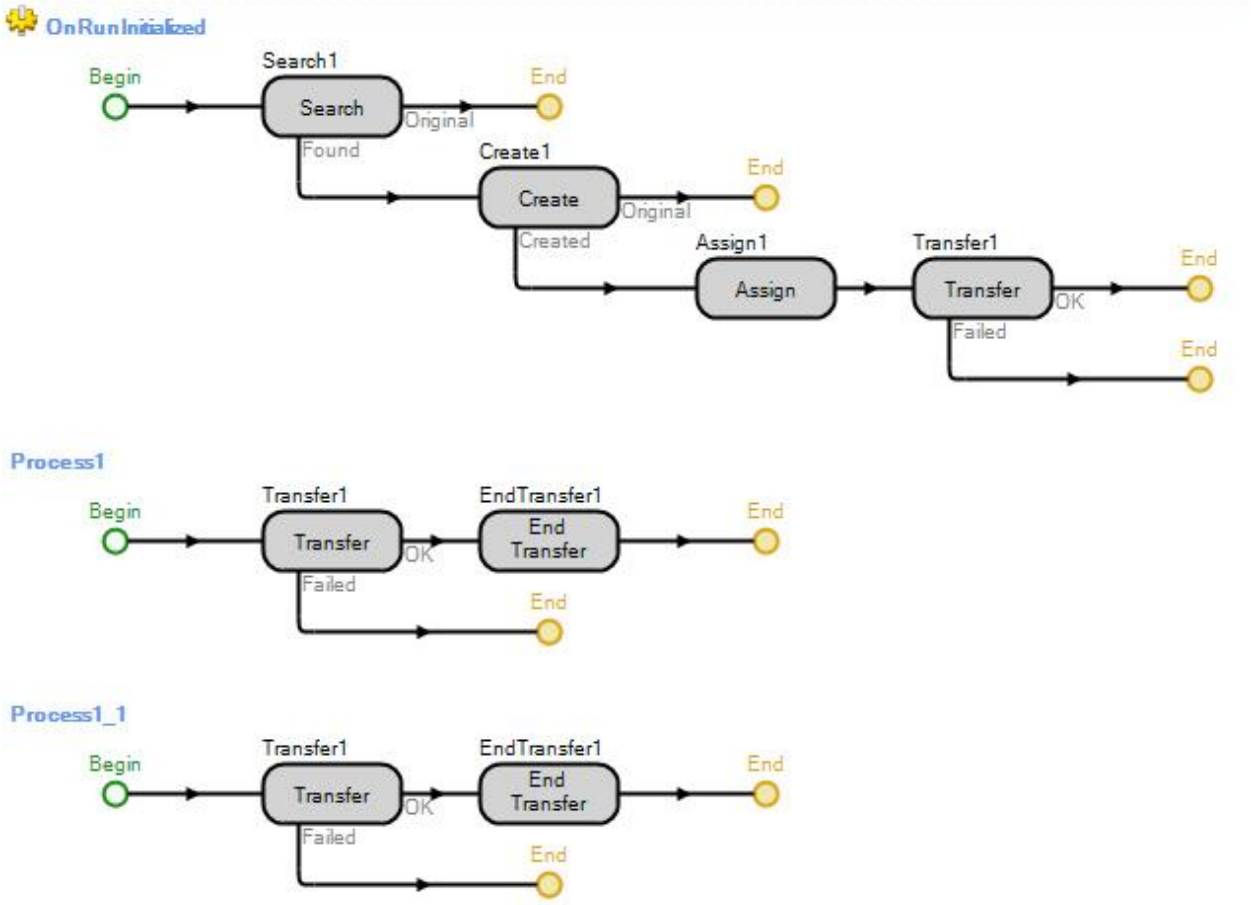

Figura A 43: Procesos dentro del modelo de pick to belt.

Fuente: Elaboración Propia.

UCAB Universidad Católica ANDRÉS BELLO
Escuela de Ingeniería Industrial

ANEXO B: RESULTADOS DEL MODELO ACTUAL

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	BahiaRecepMed.InputBuffer	Content	NumberInStation	Average	46.6289
					Maximum	479.0000
			HoldingTime	TimeInStation	Average (Ho...	0.5953
					Maximum (Ho...	1.5961
					Minimum (Ho...	0.0000
		BahiaRecepMisc.InputBuffer	Content	NumberInStation	Average	75.4548
					Maximum	474.0000
			HoldingTime	TimeInStation	Average (Ho...	0.8570
					Maximum (Ho...	1.6672
					Minimum (Ho...	0.0000
		LlegadaDeMedicina.OutputBuffer	Content	NumberInStation	Average	0.1540
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1369
					Maximum (Ho...	0.8362
					Minimum (Ho...	0.0000
		LlegadaDeMiscelaneos.OutputBuffer	Content	NumberInStation	Average	0.1062
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0671
					Maximum (Ho...	0.8001
					Minimum (Ho...	0.0000
		MontaCargaMed [Population]	Capacity	ScheduledUtilization	Percent	4.4444
		MontaCargaMed[1] [Resource]	Capacity	ScheduledUtilization	Percent	4.4444
		MontaCargaMed[1].RideStation	Content	NumberInStation	Average	1.6862
					Maximum	100.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0215
					Maximum (Ho...	0.0282
					Minimum (Ho...	0.0146

Figura B 1: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	MontaCargaMed[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0146
		MontaCargaMed2 [Population]	Capacity	ScheduledUtilization	Percent	10.1921
		MontaCargaMed2[1] [Resource]	Capacity	ScheduledUtilization	Percent	10.1921
		MontaCargaMed2[1].RideStation	Content	NumberInStation	Average	0.0719
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0067
					Maximum (Ho...	0.0067
					Minimum (Ho...	0.0067
		MontaCargaMisc [Population]	Capacity	ScheduledUtilization	Percent	4.9838
		MontaCargaMisc[1] [Resource]	Capacity	ScheduledUtilization	Percent	4.9838
		MontaCargaMisc[1].RideStation	Content	NumberInStation	Average	2.1074
					Maximum	88.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0239
					Maximum (Ho...	0.0249
					Minimum (Ho...	0.0229
		MontaCargaMisc2 [Population]	Capacity	ScheduledUtilization	Percent	53.4111
		MontaCargaMisc2[1] [Resource]	Capacity	ScheduledUtilization	Percent	53.4111
		MontaCargaMisc2[1].RideStation	Content	NumberInStation	Average	0.4747
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0105
					Maximum (Ho...	0.9964
					Minimum (Ho...	0.0086
		Vehicle5 [Population]	Capacity	ScheduledUtilization	Percent	6.1215
		Vehicle5[1].RideStation	Content	NumberInStation	Average	0.0314
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0029
					Maximum (Ho...	0.0029

Figura B 2: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	Vehicle5[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.0029
					Minimum (Ho...	0.0029
		Vehicle6 [Population]	Capacity	ScheduledUtilization	Percent	65.7545
		Vehicle6[1].RideStation	Content	NumberInStation	Average	0.6575
					Maximum	1.0000
Model	Torres_1_y_2_Pick...	T1P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7153
		T1P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7206
		T1P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7135
		T1T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7174
		T1T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096

Figura B 3: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T1T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7174
		T1T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7188
		T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7156
		T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7131
		T2T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7218
		T2T2P2[1].RideStation	Content	NumberInStation	Average	0.3378
					Maximum	1.0000

Figura B 4: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T2T2P2[1].RideStation	Content	NumberInStation	Average	0.3378
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7124
		T3P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7149
		T3P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7122
		T3T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7158
		T3T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096

Figura B 5: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T3T2P2[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7135
		T4P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7153
		T4P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7130
		T4T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7157
		T4T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096

Figura B 6: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	Medicina [Population]	FlowTime	TimeInSystem	Average (Ho...	14.1194
					Maximum (Ho...	21.7147
					Minimum (Ho...	9.4469
		TMEDP11 [Population]	Capacity	ScheduledUtilization	Percent	60.3797
		TMEDP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	60.3797
		TMEDP11[1].RideStation	Content	NumberInStation	Average	3.3399
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0781
					Maximum (Ho...	0.1004
					Minimum (Ho...	0.0102
		TMEDP12 [Population]	Capacity	ScheduledUtilization	Percent	60.1578
		TMEDP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	60.1578
		TMEDP12[1].RideStation	Content	NumberInStation	Average	2.1235
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0498
					Maximum (Ho...	0.0693
					Minimum (Ho...	0.0086
		TMEDP13 [Population]	Capacity	ScheduledUtilization	Percent	60.6033
		TMEDP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	60.6033
		TMEDP13[1].RideStation	Content	NumberInStation	Average	4.8264
					Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1127
					Maximum (Ho...	0.1457
					Minimum (Ho...	0.0074
		TMEDP14 [Population]	Capacity	ScheduledUtilization	Percent	60.5705
		TMEDP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	60.5705
		TMEDP14[1].RideStation	Content	NumberInStation	Average	1.8464

Figura B 7: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP14[1].RideStation	Content	NumberInStation	Average	1.8464
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0433
					Maximum (Ho...	0.0602
					Minimum (Ho...	0.0060
		TMEDP21 [Population]	Capacity	ScheduledUtilization	Percent	60.9517
		TMEDP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	60.9517
		TMEDP21[1].RideStation	Content	NumberInStation	Average	1.5138
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0355
					Maximum (Ho...	0.0506
					Minimum (Ho...	0.0047
		TMEDP22 [Population]	Capacity	ScheduledUtilization	Percent	41.0033
		TMEDP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	41.0033
		TMEDP22[1].RideStation	Content	NumberInStation	Average	2.5821
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0885
					Maximum (Ho...	0.1310
					Minimum (Ho...	0.0045
		TMEDP23 [Population]	Capacity	ScheduledUtilization	Percent	60.2809
		TMEDP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	60.2809
		TMEDP23[1].RideStation	Content	NumberInStation	Average	4.7809
					Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1122
					Maximum (Ho...	0.1367
					Minimum (Ho...	0.0065
		TMEDP24 [Population]	Capacity	ScheduledUtilization	Percent	42.5322

Figura B 8: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	42.5322
		TMEDP24[1].RideStation	Content	NumberInStation	Average	1.0069
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0343
					Maximum (Ho...	0.0509
					Minimum (Ho...	0.0042
		TMEDP25 [Population]	Capacity	ScheduledUtilization	Percent	99.9458
		TMEDP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	99.9458
		TMEDP25[1].RideStation	Content	NumberInStation	Average	5.9325
					Maximum	17.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1261
					Maximum (Ho...	8.1557
					Minimum (Ho...	0.0803
		TMEDP26 [Population]	Capacity	ScheduledUtilization	Percent	41.9872
		TMEDP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	41.9872
		TMEDP26[1].RideStation	Content	NumberInStation	Average	3.3267
					Maximum	17.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1120
					Maximum (Ho...	0.1414
					Minimum (Ho...	0.0051
		TMEDP31 [Population]	Capacity	ScheduledUtilization	Percent	60.0097
		TMEDP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	60.0097
		TMEDP31[1].RideStation	Content	NumberInStation	Average	4.4506
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1041
					Maximum (Ho...	0.1298
					Minimum (Ho...	0.0045

Figura B 9: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP32 [Population]	Capacity	ScheduledUtilization	Percent	41.8395
		TMEDP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	41.8395
		TMEDP32[1].RideStation	Content	NumberInStation	Average	1.3992
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0474
					Maximum (Ho...	0.0718
					Minimum (Ho...	0.0048
		TMEDP33 [Population]	Capacity	ScheduledUtilization	Percent	60.1810
		TMEDP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	60.1810
		TMEDP33[1].RideStation	Content	NumberInStation	Average	5.6734
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1326
					Maximum (Ho...	0.1623
					Minimum (Ho...	0.0093
		TMEDP34 [Population]	Capacity	ScheduledUtilization	Percent	41.9188
		TMEDP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	41.9188
		TMEDP34[1].RideStation	Content	NumberInStation	Average	2.5058
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0848
					Maximum (Ho...	0.1170
					Minimum (Ho...	0.0041
		TMEDP35 [Population]	Capacity	ScheduledUtilization	Percent	61.5007
		TMEDP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	61.5007
		TMEDP35[1].RideStation	Content	NumberInStation	Average	1.5366
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0359
					Maximum (Ho...	0.0528

Figura B 10: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP35[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.0528
					Minimum (Ho...	0.0075
		TMEDP36 [Population]	Capacity	ScheduledUtilization	Percent	41.9782
		TMEDP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	41.9782
		TMEDP36[1].RideStation	Content	NumberInStation	Average	1.2348
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0427
					Maximum (Ho...	0.0579
					Minimum (Ho...	0.0053
	Torre_2_Miscelaneos	Miscelaneos [Population]	FlowTime	TimeInSystem	Average (Ho...	13.6986
					Maximum (Ho...	21.7147
					Minimum (Ho...	9.4469
		TMISCP11 [Population]	Capacity	ScheduledUtilization	Percent	34.6412
		TMISCP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	34.6412
		TMISCP11[1].RideStation	Content	NumberInStation	Average	3.1846
					Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1566
					Maximum (Ho...	0.1901
					Minimum (Ho...	0.0079
		TMISCP12 [Population]	Capacity	ScheduledUtilization	Percent	25.2762
		TMISCP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.2762
		TMISCP12[1].RideStation	Content	NumberInStation	Average	1.1827
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1543
					Maximum (Ho...	0.1788
					Minimum (Ho...	0.0256
		TMISCP13 [Population]	Capacity	ScheduledUtilization	Percent	38.7619

Figura B 11: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISCP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.7619
		TMISCP13[1].RideStation	Content	NumberInStation	Average	2.0654
					Maximum	12.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1082
					Maximum (Ho...	0.1486
					Minimum (Ho...	0.0068
		TMISCP14 [Population]	Capacity	ScheduledUtilization	Percent	38.0996
		TMISCP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.0996
		TMISCP14[1].RideStation	Content	NumberInStation	Average	2.7182
					Maximum	17.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1157
					Maximum (Ho...	0.1549
					Minimum (Ho...	0.0082
		TMISCP15 [Population]	Capacity	ScheduledUtilization	Percent	38.0480
		TMISCP15[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.0480
		TMISCP15[1].RideStation	Content	NumberInStation	Average	2.4522
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1011
					Maximum (Ho...	0.1304
					Minimum (Ho...	0.0078
		TMISCP16 [Population]	Capacity	ScheduledUtilization	Percent	38.2535
		TMISCP16[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.2535
		TMISCP16[1].RideStation	Content	NumberInStation	Average	1.9263
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0967
					Maximum (Ho...	0.1308
					Minimum (Ho...	0.0095

Figura B 12: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISCP21 [Population]	Capacity	ScheduledUtilization	Percent	38.4120
		TMISCP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.4120
		TMISCP21[1].RideStation	Content	NumberInStation	Average	2.2896
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1037
					Maximum (Ho...	0.1424
					Minimum (Ho...	0.0105
		TMISCP22 [Population]	Capacity	ScheduledUtilization	Percent	38.1257
		TMISCP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.1257
		TMISCP22[1].RideStation	Content	NumberInStation	Average	2.2908
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1039
					Maximum (Ho...	0.1396
					Minimum (Ho...	0.0069
		TMISCP23 [Population]	Capacity	ScheduledUtilization	Percent	38.6718
		TMISCP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.6718
		TMISCP23[1].RideStation	Content	NumberInStation	Average	2.0553
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1019
					Maximum (Ho...	0.1420
					Minimum (Ho...	0.0132
		TMISCP24 [Population]	Capacity	ScheduledUtilization	Percent	38.1055
		TMISCP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.1055
		TMISCP24[1].RideStation	Content	NumberInStation	Average	2.5261
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1028
					Maximum (Ho...	0.1373

Figura B 13: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISCP24[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.1028
					Maximum (Ho...	0.1373
					Minimum (Ho...	0.0170
		TMISCP25 [Population]	Capacity	ScheduledUtilization	Percent	38.6824
		TMISCP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.6824
		TMISCP25[1].RideStation	Content	NumberInStation	Average	2.5788
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1056
					Maximum (Ho...	0.1402
					Minimum (Ho...	0.0146
		TMISCP26 [Population]	Capacity	ScheduledUtilization	Percent	37.3783
		TMISCP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	37.3783
		TMISCP26[1].RideStation	Content	NumberInStation	Average	2.0568
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1085
					Maximum (Ho...	0.1391
					Minimum (Ho...	0.0103
		TMISCP31 [Population]	Capacity	ScheduledUtilization	Percent	38.8247
		TMISCP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.8247
		TMISCP31[1].RideStation	Content	NumberInStation	Average	1.7048
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0956
					Maximum (Ho...	0.1292
					Minimum (Ho...	0.0090
		TMISCP32 [Population]	Capacity	ScheduledUtilization	Percent	38.2429
		TMISCP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.2429
		TMISCP32[1].RideStation	Content	NumberInStation	Average	2.5322

Figura B 14: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISCP32[1].RideStation	Content	NumberInStation	Average	2.5322
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1001
					Maximum (Ho...	0.1266
					Minimum (Ho...	0.0402
		TMISCP33 [Population]	Capacity	ScheduledUtilization	Percent	39.4854
		TMISCP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	39.4854
		TMISCP33[1].RideStation	Content	NumberInStation	Average	3.6149
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1329
					Maximum (Ho...	0.1628
					Minimum (Ho...	0.0157
		TMISCP34 [Population]	Capacity	ScheduledUtilization	Percent	38.8715
		TMISCP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.8715
		TMISCP34[1].RideStation	Content	NumberInStation	Average	0.9582
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1292
					Maximum (Ho...	0.1676
					Minimum (Ho...	0.0286
		TMISCP35 [Population]	Capacity	ScheduledUtilization	Percent	37.8369
		TMISCP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	37.8369
		TMISCP35[1].RideStation	Content	NumberInStation	Average	1.9898
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1003
					Maximum (Ho...	0.1287
					Minimum (Ho...	0.0096
		TMISCP36 [Population]	Capacity	ScheduledUtilization	Percent	38.1851

Figura B 15: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISCP36 [Population]	Capacity	ScheduledUtilization	Percent	38.1851
		TMISCP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.1851
		TMISCP36[1].RideStation	Content	NumberInStation	Average	2.5093
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1031
					Maximum (Ho...	0.1299
					Minimum (Ho...	0.0625
	Torre_1_Miscelaneos	Miscelaneos [Population]	FlowTime	TimeInSystem	Average (Ho...	13.8057
					Maximum (Ho...	21.7147
					Minimum (Ho...	9.4469
		TMISCP11 [Population]	Capacity	ScheduledUtilization	Percent	26.8134
		TMISCP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.8134
		TMISCP11[1].RideStation	Content	NumberInStation	Average	1.3469
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1387
					Maximum (Ho...	0.1636
					Minimum (Ho...	0.0097
		TMISCP12 [Population]	Capacity	ScheduledUtilization	Percent	32.7095
		TMISCP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	32.7095
		TMISCP12[1].RideStation	Content	NumberInStation	Average	2.5567
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1401
					Maximum (Ho...	0.1725
					Minimum (Ho...	0.0141
		TMISCP13 [Population]	Capacity	ScheduledUtilization	Percent	38.5524
		TMISCP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.5524
		TMISCP13[1].RideStation	Content	NumberInStation	Average	2.9860

Figura B 16: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISCP13[1].RideStation	Content	NumberInStation	Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1132
					Maximum (Ho...	0.1429
					Minimum (Ho...	0.0135
		TMISCP14 [Population]	Capacity	ScheduledUtilization	Percent	38.4663
		TMISCP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.4663
		TMISCP14[1].RideStation	Content	NumberInStation	Average	1.7925
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1100
					Maximum (Ho...	0.1521
					Minimum (Ho...	0.0115
		TMISCP15 [Population]	Capacity	ScheduledUtilization	Percent	39.2495
		TMISCP15[1] [Resource]	Capacity	ScheduledUtilization	Percent	39.2495
		TMISCP15[1].RideStation	Content	NumberInStation	Average	1.6657
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0959
					Maximum (Ho...	0.1448
					Minimum (Ho...	0.0081
		TMISCP16 [Population]	Capacity	ScheduledUtilization	Percent	37.6912
		TMISCP16[1] [Resource]	Capacity	ScheduledUtilization	Percent	37.6912
		TMISCP16[1].RideStation	Content	NumberInStation	Average	2.4626
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0983
					Maximum (Ho...	0.1257
					Minimum (Ho...	0.0076
		TMISCP21 [Population]	Capacity	ScheduledUtilization	Percent	39.1784
		TMISCP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	39.1784

Figura B 17: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISCP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	39.1784
		TMISCP21[1].RideStation	Content	NumberInStation	Average	1.1349
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0899
					Maximum (Ho...	0.1249
					Minimum (Ho...	0.0086
		TMISCP22 [Population]	Capacity	ScheduledUtilization	Percent	38.5898
		TMISCP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.5898
		TMISCP22[1].RideStation	Content	NumberInStation	Average	2.5282
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0966
					Maximum (Ho...	0.1193
					Minimum (Ho...	0.0077
		TMISCP23 [Population]	Capacity	ScheduledUtilization	Percent	38.0270
		TMISCP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.0270
		TMISCP23[1].RideStation	Content	NumberInStation	Average	1.9878
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0786
					Maximum (Ho...	0.1033
					Minimum (Ho...	0.0095
		TMISCP24 [Population]	Capacity	ScheduledUtilization	Percent	38.1456
		TMISCP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.1456
		TMISCP24[1].RideStation	Content	NumberInStation	Average	1.3736
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0739
					Maximum (Ho...	0.1026
					Minimum (Ho...	0.0126

Figura B 18: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISCP25 [Population]	Capacity	ScheduledUtilization	Percent	38.8289
		TMISCP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.8289
		TMISCP25[1].RideStation	Content	NumberInStation	Average	3.5090
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1298
					Maximum (Ho...	0.1589
					Minimum (Ho...	0.0115
		TMISCP26 [Population]	Capacity	ScheduledUtilization	Percent	38.2917
		TMISCP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.2917
		TMISCP26[1].RideStation	Content	NumberInStation	Average	1.4270
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1210
					Maximum (Ho...	0.1614
					Minimum (Ho...	0.0106
		TMISCP31 [Population]	Capacity	ScheduledUtilization	Percent	38.3655
		TMISCP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.3655
		TMISCP31[1].RideStation	Content	NumberInStation	Average	1.8040
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0744
					Maximum (Ho...	0.1036
					Minimum (Ho...	0.0161
		TMISCP32 [Population]	Capacity	ScheduledUtilization	Percent	62.5046
		TMISCP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	62.5046
		TMISCP32[1].RideStation	Content	NumberInStation	Average	1.6091
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0762
					Maximum (Ho...	0.1123

Figura B 19: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISCP32[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0762
					Maximum (Ho...	0.1123
					Minimum (Ho...	0.0232
		TMISCP33 [Population]	Capacity	ScheduledUtilization	Percent	37.5807
		TMISCP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	37.5807
		TMISCP33[1].RideStation	Content	NumberInStation	Average	2.8774
					Maximum	18.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1272
					Maximum (Ho...	0.1599
					Minimum (Ho...	0.0147
		TMISCP34 [Population]	Capacity	ScheduledUtilization	Percent	38.8247
		TMISCP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.8247
		TMISCP34[1].RideStation	Content	NumberInStation	Average	2.3856
					Maximum	17.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1322
					Maximum (Ho...	0.2470
					Minimum (Ho...	0.0848
		TMISCP35 [Population]	Capacity	ScheduledUtilization	Percent	38.3500
		TMISCP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.3500
		TMISCP35[1].RideStation	Content	NumberInStation	Average	1.4785
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1249
					Maximum (Ho...	0.1646
					Minimum (Ho...	0.0106
		TMISCP36 [Population]	Capacity	ScheduledUtilization	Percent	38.8548
		TMISCP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.8548
		TMISCP36[1].RideStation	Content	NumberInStation	Average	3.4921

Figura B 20: Resultados de la situación actual

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISCP33[1].RideStation	Content	NumberInStation	Average	2.8774
					Maximum	18.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1272
					Maximum (Ho...	0.1599
					Minimum (Ho...	0.0147
		TMISCP34 [Population]	Capacity	ScheduledUtilization	Percent	38.8247
		TMISCP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.8247
		TMISCP34[1].RideStation	Content	NumberInStation	Average	2.3856
					Maximum	17.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1322
					Maximum (Ho...	0.2470
					Minimum (Ho...	0.0848
		TMISCP35 [Population]	Capacity	ScheduledUtilization	Percent	38.3500
		TMISCP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.3500
		TMISCP35[1].RideStation	Content	NumberInStation	Average	1.4785
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1249
					Maximum (Ho...	0.1646
					Minimum (Ho...	0.0106
		TMISCP36 [Population]	Capacity	ScheduledUtilization	Percent	38.8548
		TMISCP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	38.8548
		TMISCP36[1].RideStation	Content	NumberInStation	Average	3.4921
					Maximum	18.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1293
					Maximum (Ho...	0.1600
					Minimum (Ho...	0.1043

Figura B 21: Resultados de la situación actual

Fuente: Elaboración propia

UCAB Universidad Católica ANDRÉS BELLO
Escuela de Ingeniería Industrial

ANEXO C: RESULTADOS DE LOS DIFERENTES ESCENARIOS

Escenario 1

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	BahiaRecepMed.InputBuffer	Content	NumberInStation	Average	62.1226
					Maximum	400.0000
			HoldingTime	TimeInStation	Average (Ho...	0.7090
					Maximum (Ho...	1.4275
					Minimum (Ho...	0.0000
		BahiaRecepMisc.InputBuffer	Content	NumberInStation	Average	83.9327
					Maximum	651.0000
			HoldingTime	TimeInStation	Average (Ho...	0.9453
					Maximum (Ho...	2.1451
					Minimum (Ho...	0.0000
		LlegadaDeMedicina.OutputBuffer	Content	NumberInStation	Average	0.2551
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1975
					Maximum (Ho...	0.9732
					Minimum (Ho...	0.0000
		LlegadaDeMiscelaneos.OutputBuffer	Content	NumberInStation	Average	0.2409
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1652
					Maximum (Ho...	0.9044
					Minimum (Ho...	0.0000
		MontaCargaMed [Population]	Capacity	ScheduledUtilization	Percent	4.9718
		MontaCargaMed[1] [Resource]	Capacity	ScheduledUtilization	Percent	4.9718
		MontaCargaMed[1].RideStation	Content	NumberInStation	Average	1.8687
					Maximum	79.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0213
					Maximum (Ho...	0.0224
					Minimum (Ho...	0.0202

Figura C1 1: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	MontaCargaMed2 [Population]	Capacity	ScheduledUtilization	Percent	65.7057
		MontaCargaMed2[1] [Resource]	Capacity	ScheduledUtilization	Percent	65.7057
		MontaCargaMed2[1].RideStation	Content	NumberInStation	Average	2.8378
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1640
					Maximum (Ho...	1.2337
					Minimum (Ho...	0.0094
		MontaCargaMisc [Population]	Capacity	ScheduledUtilization	Percent	5.0255
		MontaCargaMisc[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.0255
		MontaCargaMisc[1].RideStation	Content	NumberInStation	Average	2.1432
					Maximum	89.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0241
					Maximum (Ho...	0.0252
					Minimum (Ho...	0.0227
		MontaCargaMisc2 [Population]	Capacity	ScheduledUtilization	Percent	64.5667
		MontaCargaMisc2[1] [Resource]	Capacity	ScheduledUtilization	Percent	64.5667
		MontaCargaMisc2[1].RideStation	Content	NumberInStation	Average	1.6664
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1220
					Maximum (Ho...	1.1807
					Minimum (Ho...	0.0086
		MontaCargaMisc2_1 [Population]	Capacity	ScheduledUtilization	Percent	64.5180
		MontaCargaMisc2_1[1] [Resource]	Capacity	ScheduledUtilization	Percent	64.5180
		MontaCargaMisc2_1[1].RideStation	Content	NumberInStation	Average	2.2398
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1313
					Maximum (Ho...	1.1942

Figura C1 2: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	MontaCargaMisc2_1[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0086
		Vehicle1 [Population]	Capacity	ScheduledUtilization	Percent	65.6507
		Vehicle1[1] [Resource]	Capacity	ScheduledUtilization	Percent	65.6507
		Vehicle1[1].RideStation	Content	NumberInStation	Average	2.5746
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1641
					Maximum (Ho...	1.2315
					Minimum (Ho...	0.0094
		Vehicle5 [Population]	Capacity	ScheduledUtilization	Percent	8.4705
		Vehicle5[1].RideStation	Content	NumberInStation	Average	0.0434
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0029
					Maximum (Ho...	0.0029
					Minimum (Ho...	0.0029
		Vehicle6 [Population]	Capacity	ScheduledUtilization	Percent	65.7173
		Vehicle6[1].RideStation	Content	NumberInStation	Average	0.6571
					Maximum	1.0000
Model	Torres_1_y_2_Pick...	T1P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7124
		T1P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7170
		T1P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096

Figura C1 3: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T1P2[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7137
		T1T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7171
		T1T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7164
		T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7125
		T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7154

Figura C1 4: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T2T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7154
		T2T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7165
		T2T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7148
		T3P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7199
		T3P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7195
		T3T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000

Figura C1 5: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T3T2P1[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7135
		T3T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7217
		T4P1[1].RideStation	Content	NumberInStation	Average	0.3378
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7202
		T4P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7099
		T4T2P1[1].RideStation	Content	NumberInStation	Average	0.3376
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096

Figura C1 6: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T4T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7188
		T4T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
	Torre_Medicina	Medicina [Population]	FlowTime	TimeInSystem	Average (Ho...	14.2147
					Maximum (Ho...	20.8120
					Minimum (Ho...	9.8398
		TMEDP11 [Population]	Capacity	ScheduledUtilization	Percent	31.3824
		TMEDP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.3824
		TMEDP11[1].RideStation	Content	NumberInStation	Average	2.7426
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1271
					Maximum (Ho...	0.1634
					Minimum (Ho...	0.0064
		TMEDP12 [Population]	Capacity	ScheduledUtilization	Percent	34.7403
		TMEDP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	34.7403
		TMEDP12[1].RideStation	Content	NumberInStation	Average	2.5074
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1041
					Maximum (Ho...	0.1799
					Minimum (Ho...	0.0047
		TMEDP13 [Population]	Capacity	ScheduledUtilization	Percent	33.1218
		TMEDP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	33.1218
		TMEDP13[1].RideStation	Content	NumberInStation	Average	2.3991
					Maximum	15.0000

Figura C1 7: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP13[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.1032
					Maximum (Ho...	0.1257
					Minimum (Ho...	0.0051
		TMEDP14 [Population]	Capacity	ScheduledUtilization	Percent	30.9730
		TMEDP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.9730
		TMEDP14[1].RideStation	Content	NumberInStation	Average	0.8736
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0473
					Maximum (Ho...	0.0937
					Minimum (Ho...	0.0079
		TMEDP15 [Population]	Capacity	ScheduledUtilization	Percent	31.1462
		TMEDP15[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.1462
		TMEDP15[1].RideStation	Content	NumberInStation	Average	2.7343
					Maximum	18.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1279
					Maximum (Ho...	0.1784
					Minimum (Ho...	0.0046
		TMEDP16 [Population]	Capacity	ScheduledUtilization	Percent	30.4469
		TMEDP16[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.4469
		TMEDP16[1].RideStation	Content	NumberInStation	Average	1.5476
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0790
					Maximum (Ho...	0.1684
					Minimum (Ho...	0.0063
		TMEDP17 [Population]	Capacity	ScheduledUtilization	Percent	30.5501
		TMEDP17[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.5501
		TMEDP17[1].RideStation	Content	NumberInStation	Average	1.9102

Figura C1 8: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP17[1].RideStation	Content	NumberInStation	Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0959
					Maximum (Ho...	0.1689
					Minimum (Ho...	0.0073
		TMEDP18 [Population]	Capacity	ScheduledUtilization	Percent	35.2069
		TMEDP18[1] [Resource]	Capacity	ScheduledUtilization	Percent	35.2069
		TMEDP18[1].RideStation	Content	NumberInStation	Average	1.7157
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0699
					Maximum (Ho...	0.1146
					Minimum (Ho...	0.0068
		TMEDP21 [Population]	Capacity	ScheduledUtilization	Percent	61.7104
		TMEDP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	61.7104
		TMEDP21[1].RideStation	Content	NumberInStation	Average	1.8466
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0430
					Maximum (Ho...	0.0630
					Minimum (Ho...	0.0043
		TMEDP22 [Population]	Capacity	ScheduledUtilization	Percent	25.6419
		TMEDP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.6419
		TMEDP22[1].RideStation	Content	NumberInStation	Average	0.3635
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0207
					Maximum (Ho...	0.0658
					Minimum (Ho...	0.0042
		TMEDP23 [Population]	Capacity	ScheduledUtilization	Percent	62.0620
		TMEDP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	62.0620

Figura C1 9: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP23[1].RideStation	Content	NumberInStation	Average	2.1732
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0504
					Maximum (Ho...	0.0680
					Minimum (Ho...	0.0048
		TMEDP24 [Population]	Capacity	ScheduledUtilization	Percent	25.7361
		TMEDP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.7361
		TMEDP24[1].RideStation	Content	NumberInStation	Average	0.4015
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0226
					Maximum (Ho...	0.0780
					Minimum (Ho...	0.0041
		TMEDP25 [Population]	Capacity	ScheduledUtilization	Percent	99.9654
		TMEDP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	99.9654
		TMEDP25[1].RideStation	Content	NumberInStation	Average	2.4041
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0504
					Maximum (Ho...	8.0458
					Minimum (Ho...	0.0259
		TMEDP26 [Population]	Capacity	ScheduledUtilization	Percent	26.3666
		TMEDP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.3666
		TMEDP26[1].RideStation	Content	NumberInStation	Average	0.4540
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0251
					Maximum (Ho...	0.1047
					Minimum (Ho...	0.0042
		TMEDP27 [Population]	Capacity	ScheduledUtilization	Percent	16.8389

Figura C1 10: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP27[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.8389
		TMEDP27[1].RideStation	Content	NumberInStation	Average	0.1696
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0150
					Maximum (Ho...	0.0670
					Minimum (Ho...	0.0041
		TMEDP28 [Population]	Capacity	ScheduledUtilization	Percent	16.9484
		TMEDP28[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.9484
		TMEDP28[1].RideStation	Content	NumberInStation	Average	0.1923
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0171
					Maximum (Ho...	0.0620
					Minimum (Ho...	0.0042
		TMEDP29 [Population]	Capacity	ScheduledUtilization	Percent	15.9809
		TMEDP29[1] [Resource]	Capacity	ScheduledUtilization	Percent	15.9809
		TMEDP29[1].RideStation	Content	NumberInStation	Average	0.1836
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0172
					Maximum (Ho...	0.0589
					Minimum (Ho...	0.0042
		TMEDP31 [Population]	Capacity	ScheduledUtilization	Percent	61.1764
		TMEDP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	61.1764
		TMEDP31[1].RideStation	Content	NumberInStation	Average	5.7112
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1313
					Maximum (Ho...	0.1662
					Minimum (Ho...	0.0104

Figura C1 11: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP32 [Population]	Capacity	ScheduledUtilization	Percent	24.5432
		TMEDP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.5432
		TMEDP32[1].RideStation	Content	NumberInStation	Average	0.5114
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0305
					Maximum (Ho...	0.0729
					Minimum (Ho...	0.0042
		TMEDP33 [Population]	Capacity	ScheduledUtilization	Percent	60.9538
		TMEDP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	60.9538
		TMEDP33[1].RideStation	Content	NumberInStation	Average	2.7389
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0637
					Maximum (Ho...	0.0864
					Minimum (Ho...	0.0110
		TMEDP34 [Population]	Capacity	ScheduledUtilization	Percent	25.6704
		TMEDP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.6704
		TMEDP34[1].RideStation	Content	NumberInStation	Average	0.4072
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0234
					Maximum (Ho...	0.0562
					Minimum (Ho...	0.0042
		TMEDP35 [Population]	Capacity	ScheduledUtilization	Percent	60.1009
		TMEDP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	60.1009
		TMEDP35[1].RideStation	Content	NumberInStation	Average	4.7650
					Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1117
					Maximum (Ho...	0.1405

Figura C1 12: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP35[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0074
		TMEDP36 [Population]	Capacity	ScheduledUtilization	Percent	24.7824
		TMEDP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.7824
		TMEDP36[1].RideStation	Content	NumberInStation	Average	0.6035
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0353
					Maximum (Ho...	0.0882
					Minimum (Ho...	0.0041
		TMEDP37 [Population]	Capacity	ScheduledUtilization	Percent	18.3571
		TMEDP37[1] [Resource]	Capacity	ScheduledUtilization	Percent	18.3571
		TMEDP37[1].RideStation	Content	NumberInStation	Average	0.2929
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0234
					Maximum (Ho...	0.0840
					Minimum (Ho...	0.0041
		TMEDP38 [Population]	Capacity	ScheduledUtilization	Percent	17.7318
		TMEDP38[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.7318
		TMEDP38[1].RideStation	Content	NumberInStation	Average	0.2082
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0177
					Maximum (Ho...	0.0702
					Minimum (Ho...	0.0042
		TMEDP39 [Population]	Capacity	ScheduledUtilization	Percent	17.6640
		TMEDP39[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.6640
		TMEDP39[1].RideStation	Content	NumberInStation	Average	0.3189
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0269

Figura C1 13: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP39[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.1143
					Minimum (Ho...	0.0042
	Torre_2_Miscelaneos	Miscelaneos [Population]	FlowTime	TimeInSystem	Average (Ho...	14.1009
					Maximum (Ho...	20.8120
					Minimum (Ho...	9.8398
		TMISP11 [Population]	Capacity	ScheduledUtilization	Percent	35.9529
		TMISP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	35.9529
		TMISP11[1].RideStation	Content	NumberInStation	Average	1.9257
					Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0874
					Maximum (Ho...	0.1393
					Minimum (Ho...	0.0073
		TMISP12 [Population]	Capacity	ScheduledUtilization	Percent	32.2778
		TMISP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	32.2778
		TMISP12[1].RideStation	Content	NumberInStation	Average	0.7575
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0583
					Maximum (Ho...	0.1791
					Minimum (Ho...	0.0075
		TMISP13 [Population]	Capacity	ScheduledUtilization	Percent	31.8437
		TMISP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.8437
		TMISP13[1].RideStation	Content	NumberInStation	Average	0.8790
					Maximum	12.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0438
					Maximum (Ho...	0.1085
					Minimum (Ho...	0.0068
		TMISP14 [Population]	Capacity	ScheduledUtilization	Percent	25.3482

Figura C1 14: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.3482
		TMISP14[1].RideStation	Content	NumberInStation	Average	0.4641
					Maximum	12.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0300
					Maximum (Ho...	0.1046
					Minimum (Ho...	0.0068
		TMISP15 [Population]	Capacity	ScheduledUtilization	Percent	32.8077
		TMISP15[1] [Resource]	Capacity	ScheduledUtilization	Percent	32.8077
		TMISP15[1].RideStation	Content	NumberInStation	Average	1.1719
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0557
					Maximum (Ho...	0.1191
					Minimum (Ho...	0.0068
		TMISP16 [Population]	Capacity	ScheduledUtilization	Percent	22.6711
		TMISP16[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.6711
		TMISP16[1].RideStation	Content	NumberInStation	Average	0.4005
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0284
					Maximum (Ho...	0.0925
					Minimum (Ho...	0.0068
		TMISP17 [Population]	Capacity	ScheduledUtilization	Percent	29.7127
		TMISP17[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.7127
		TMISP17[1].RideStation	Content	NumberInStation	Average	0.6485
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0628
					Maximum (Ho...	0.1518
					Minimum (Ho...	0.0079

Figura C1 15: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP18 [Population]	Capacity	ScheduledUtilization	Percent	15.8455
		TMISP18[1] [Resource]	Capacity	ScheduledUtilization	Percent	15.8455
		TMISP18[1].RideStation	Content	NumberInStation	Average	0.1609
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0174
					Maximum (Ho...	0.0443
					Minimum (Ho...	0.0070
		TMISP19 [Population]	Capacity	ScheduledUtilization	Percent	15.8948
		TMISP19[1] [Resource]	Capacity	ScheduledUtilization	Percent	15.8948
		TMISP19[1].RideStation	Content	NumberInStation	Average	0.1840
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0195
					Maximum (Ho...	0.0468
					Minimum (Ho...	0.0069
		TMISP21 [Population]	Capacity	ScheduledUtilization	Percent	32.2410
		TMISP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	32.2410
		TMISP21[1].RideStation	Content	NumberInStation	Average	0.9229
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0447
					Maximum (Ho...	0.1252
					Minimum (Ho...	0.0070
		TMISP22 [Population]	Capacity	ScheduledUtilization	Percent	24.3492
		TMISP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.3492
		TMISP22[1].RideStation	Content	NumberInStation	Average	0.4726
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0321
					Maximum (Ho...	0.1241

Figura C1 16: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP22[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0068
		TMISP23 [Population]	Capacity	ScheduledUtilization	Percent	31.2416
		TMISP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.2416
		TMISP23[1].RideStation	Content	NumberInStation	Average	0.8319
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0410
					Maximum (Ho...	0.1000
					Minimum (Ho...	0.0068
		TMISP24 [Population]	Capacity	ScheduledUtilization	Percent	23.5499
		TMISP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.5499
		TMISP24[1].RideStation	Content	NumberInStation	Average	0.3006
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0210
					Maximum (Ho...	0.0581
					Minimum (Ho...	0.0070
		TMISP25 [Population]	Capacity	ScheduledUtilization	Percent	32.1501
		TMISP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	32.1501
		TMISP25[1].RideStation	Content	NumberInStation	Average	0.9465
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0456
					Maximum (Ho...	0.1255
					Minimum (Ho...	0.0068
		TMISP26 [Population]	Capacity	ScheduledUtilization	Percent	23.4977
		TMISP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.4977
		TMISP26[1].RideStation	Content	NumberInStation	Average	0.3538
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0247

Figura C1 17: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP26[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.0818
					Minimum (Ho...	0.0068
		TMISP27 [Population]	Capacity	ScheduledUtilization	Percent	16.2306
		TMISP27[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.2306
		TMISP27[1].RideStation	Content	NumberInStation	Average	0.1694
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0173
					Maximum (Ho...	0.0426
					Minimum (Ho...	0.0068
		TMISP28 [Population]	Capacity	ScheduledUtilization	Percent	16.9830
		TMISP28[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.9830
		TMISP28[1].RideStation	Content	NumberInStation	Average	0.1726
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0173
					Maximum (Ho...	0.0422
					Minimum (Ho...	0.0068
		TMISP29 [Population]	Capacity	ScheduledUtilization	Percent	15.9362
		TMISP29[1] [Resource]	Capacity	ScheduledUtilization	Percent	15.9362
		TMISP29[1].RideStation	Content	NumberInStation	Average	0.1601
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0169
					Maximum (Ho...	0.0505
					Minimum (Ho...	0.0069
		TMISP31 [Population]	Capacity	ScheduledUtilization	Percent	27.9352
		TMISP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.9352
		TMISP31[1].RideStation	Content	NumberInStation	Average	0.8546
					Maximum	9.0000

Figura C1 18: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP31[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0481
					Maximum (Ho...	0.0821
					Minimum (Ho...	0.0071
		TMISP32 [Population]	Capacity	ScheduledUtilization	Percent	27.6031
		TMISP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.6031
		TMISP32[1].RideStation	Content	NumberInStation	Average	1.2440
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0694
					Maximum (Ho...	0.1258
					Minimum (Ho...	0.0069
		TMISP33 [Population]	Capacity	ScheduledUtilization	Percent	29.7190
		TMISP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.7190
		TMISP33[1].RideStation	Content	NumberInStation	Average	1.5125
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0791
					Maximum (Ho...	0.1584
					Minimum (Ho...	0.0068
		TMISP34 [Population]	Capacity	ScheduledUtilization	Percent	21.0461
		TMISP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.0461
		TMISP34[1].RideStation	Content	NumberInStation	Average	0.4167
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0336
					Maximum (Ho...	0.0527
					Minimum (Ho...	0.0071
		TMISP35 [Population]	Capacity	ScheduledUtilization	Percent	24.1957
		TMISP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.1957
		TMISP35[1].RideStation	Content	NumberInStation	Average	0.7324

Figura C1 19: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP35[1].RideStation	Content	NumberInStation	Average	0.7324
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0479
					Maximum (Ho...	0.1034
					Minimum (Ho...	0.0073
		TMISP36 [Population]	Capacity	ScheduledUtilization	Percent	24.2887
		TMISP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.2887
		TMISP36[1].RideStation	Content	NumberInStation	Average	1.0134
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0652
					Maximum (Ho...	0.1327
					Minimum (Ho...	0.0070
		TMISP37 [Population]	Capacity	ScheduledUtilization	Percent	17.2343
		TMISP37[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.2343
		TMISP37[1].RideStation	Content	NumberInStation	Average	0.3298
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0308
					Maximum (Ho...	0.0538
					Minimum (Ho...	0.0069
		TMISP38 [Population]	Capacity	ScheduledUtilization	Percent	21.9794
		TMISP38[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.9794
		TMISP38[1].RideStation	Content	NumberInStation	Average	0.9752
					Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0701
					Maximum (Ho...	0.1388
					Minimum (Ho...	0.0076
		TMISP39 [Population]	Capacity	ScheduledUtilization	Percent	21.4286

Figura C1 20: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP39[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.4286
		TMISP39[1].RideStation	Content	NumberInStation	Average	0.8919
					Maximum	17.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0645
					Maximum (Ho...	0.1409
					Minimum (Ho...	0.0077
	Torre_1_Miscelaneos	Miscelaneos [Population]	FlowTime	TimeInSystem	Average (Ho...	14.1182
					Maximum (Ho...	20.8120
					Minimum (Ho...	9.8398
		TMISP11 [Population]	Capacity	ScheduledUtilization	Percent	34.8287
		TMISP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	34.8287
		TMISP11[1].RideStation	Content	NumberInStation	Average	1.0303
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0540
					Maximum (Ho...	0.1294
					Minimum (Ho...	0.0109
		TMISP12 [Population]	Capacity	ScheduledUtilization	Percent	31.5432
		TMISP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.5432
		TMISP12[1].RideStation	Content	NumberInStation	Average	0.7061
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0453
					Maximum (Ho...	0.1111
					Minimum (Ho...	0.0089
		TMISP13 [Population]	Capacity	ScheduledUtilization	Percent	32.0317
		TMISP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	32.0317
		TMISP13[1].RideStation	Content	NumberInStation	Average	0.9647
					Maximum	11.0000

Figura C1 21: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP13[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0472
					Maximum (Ho...	0.1000
					Minimum (Ho...	0.0068
		TMISP14 [Population]	Capacity	ScheduledUtilization	Percent	25.7749
		TMISP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.7749
		TMISP14[1].RideStation	Content	NumberInStation	Average	0.4863
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0305
					Maximum (Ho...	0.1104
					Minimum (Ho...	0.0069
		TMISP15 [Population]	Capacity	ScheduledUtilization	Percent	31.3855
		TMISP15[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.3855
		TMISP15[1].RideStation	Content	NumberInStation	Average	0.8283
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0414
					Maximum (Ho...	0.0980
					Minimum (Ho...	0.0069
		TMISP16 [Population]	Capacity	ScheduledUtilization	Percent	24.2726
		TMISP16[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.2726
		TMISP16[1].RideStation	Content	NumberInStation	Average	0.3579
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0242
					Maximum (Ho...	0.0663
					Minimum (Ho...	0.0069
		TMISP17 [Population]	Capacity	ScheduledUtilization	Percent	26.4635
		TMISP17[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.4635
		TMISP17[1].RideStation	Content	NumberInStation	Average	0.4380

Figura C1 22: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP17[1].RideStation	Content	NumberInStation	Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0429
					Maximum (Ho...	0.1085
					Minimum (Ho...	0.0081
		TMISP18 [Population]	Capacity	ScheduledUtilization	Percent	16.2489
		TMISP18[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.2489
		TMISP18[1].RideStation	Content	NumberInStation	Average	0.1865
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0190
					Maximum (Ho...	0.0592
					Minimum (Ho...	0.0069
		TMISP19 [Population]	Capacity	ScheduledUtilization	Percent	16.0548
		TMISP19[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.0548
		TMISP19[1].RideStation	Content	NumberInStation	Average	0.1548
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0160
					Maximum (Ho...	0.0532
					Minimum (Ho...	0.0068
		TMISP21 [Population]	Capacity	ScheduledUtilization	Percent	31.7066
		TMISP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.7066
		TMISP21[1].RideStation	Content	NumberInStation	Average	0.7040
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0354
					Maximum (Ho...	0.0752
					Minimum (Ho...	0.0068
		TMISP22 [Population]	Capacity	ScheduledUtilization	Percent	24.9606
		TMISP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.9606

Figura C1 23: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP22[1].RideStation	Content	NumberInStation	Average	0.3694
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0243
					Maximum (Ho...	0.0609
					Minimum (Ho...	0.0068
		TMISP23 [Population]	Capacity	ScheduledUtilization	Percent	30.7937
		TMISP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.7937
		TMISP23[1].RideStation	Content	NumberInStation	Average	0.6459
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0331
					Maximum (Ho...	0.0711
					Minimum (Ho...	0.0068
		TMISP24 [Population]	Capacity	ScheduledUtilization	Percent	23.9904
		TMISP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.9904
		TMISP24[1].RideStation	Content	NumberInStation	Average	0.3278
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0224
					Maximum (Ho...	0.0736
					Minimum (Ho...	0.0069
		TMISP25 [Population]	Capacity	ScheduledUtilization	Percent	31.6249
		TMISP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.6249
		TMISP25[1].RideStation	Content	NumberInStation	Average	0.7303
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0371
					Maximum (Ho...	0.0797
					Minimum (Ho...	0.0068
		TMISP26 [Population]	Capacity	ScheduledUtilization	Percent	24.8836

Figura C1 24: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.8836
		TMISP26[1].RideStation	Content	NumberInStation	Average	0.3744
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0252
					Maximum (Ho...	0.0686
					Minimum (Ho...	0.0069
		TMISP27 [Population]	Capacity	ScheduledUtilization	Percent	16.4892
		TMISP27[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.4892
		TMISP27[1].RideStation	Content	NumberInStation	Average	0.1678
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0170
					Maximum (Ho...	0.0578
					Minimum (Ho...	0.0069
		TMISP28 [Population]	Capacity	ScheduledUtilization	Percent	18.4983
		TMISP28[1] [Resource]	Capacity	ScheduledUtilization	Percent	18.4983
		TMISP28[1].RideStation	Content	NumberInStation	Average	0.2030
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0185
					Maximum (Ho...	0.0435
					Minimum (Ho...	0.0070
		TMISP29 [Population]	Capacity	ScheduledUtilization	Percent	16.0924
		TMISP29[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.0924
		TMISP29[1].RideStation	Content	NumberInStation	Average	0.1468
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0156
					Maximum (Ho...	0.0560
					Minimum (Ho...	0.0068

Figura C1 25: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP31 [Population]	Capacity	ScheduledUtilization	Percent	26.8025
		TMISP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.8025
		TMISP31[1].RideStation	Content	NumberInStation	Average	1.2389
					Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0716
					Maximum (Ho...	0.1309
					Minimum (Ho...	0.0077
		TMISP32 [Population]	Capacity	ScheduledUtilization	Percent	22.1395
		TMISP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.1395
		TMISP32[1].RideStation	Content	NumberInStation	Average	0.6333
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0452
					Maximum (Ho...	0.0766
					Minimum (Ho...	0.0068
		TMISP33 [Population]	Capacity	ScheduledUtilization	Percent	29.4244
		TMISP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.4244
		TMISP33[1].RideStation	Content	NumberInStation	Average	1.4195
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0757
					Maximum (Ho...	0.1549
					Minimum (Ho...	0.0070
		TMISP34 [Population]	Capacity	ScheduledUtilization	Percent	23.1448
		TMISP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.1448
		TMISP34[1].RideStation	Content	NumberInStation	Average	0.8927
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0605
					Maximum (Ho...	0.1269

Figura C1 26: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP34[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0069
		TMISP35 [Population]	Capacity	ScheduledUtilization	Percent	25.4179
		TMISP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.4179
		TMISP35[1].RideStation	Content	NumberInStation	Average	0.6428
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0409
					Maximum (Ho...	0.0762
					Minimum (Ho...	0.0070
		TMISP36 [Population]	Capacity	ScheduledUtilization	Percent	26.6592
		TMISP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.6592
		TMISP36[1].RideStation	Content	NumberInStation	Average	1.2139
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0718
					Maximum (Ho...	0.1356
					Minimum (Ho...	0.0084
		TMISP37 [Population]	Capacity	ScheduledUtilization	Percent	22.2387
		TMISP37[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.2387
		TMISP37[1].RideStation	Content	NumberInStation	Average	1.1259
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0790
					Maximum (Ho...	0.1617
					Minimum (Ho...	0.0072
		TMISP38 [Population]	Capacity	ScheduledUtilization	Percent	17.7599
		TMISP38[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.7599
		TMISP38[1].RideStation	Content	NumberInStation	Average	0.5435
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0483

Figura C1 27: Resultados del escenario 1

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP36[1].RideStation	Content	NumberInStation	Average	1.2139
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0718
					Maximum (Ho...	0.1356
					Minimum (Ho...	0.0084
		TMISP37 [Population]	Capacity	ScheduledUtilization	Percent	22.2387
		TMISP37[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.2387
		TMISP37[1].RideStation	Content	NumberInStation	Average	1.1259
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0790
					Maximum (Ho...	0.1617
					Minimum (Ho...	0.0072
		TMISP38 [Population]	Capacity	ScheduledUtilization	Percent	17.7599
		TMISP38[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.7599
		TMISP38[1].RideStation	Content	NumberInStation	Average	0.5435
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0483
					Maximum (Ho...	0.0866
					Minimum (Ho...	0.0071
		TMISP39 [Population]	Capacity	ScheduledUtilization	Percent	19.6869
		TMISP39[1] [Resource]	Capacity	ScheduledUtilization	Percent	19.6869
		TMISP39[1].RideStation	Content	NumberInStation	Average	0.6310
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0505
					Maximum (Ho...	0.0898
					Minimum (Ho...	0.0071

Figura C1 28: Resultados del escenario 1

Fuente: Elaboración propia

Escenario 2

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	BahiaRecepMed.InputBuffer	Content	NumberInStation	Average	51.0235
					Maximum	391.0000
			HoldingTime	TimeInStation	Average (Ho...	0.5693
					Maximum (Ho...	1.6781
					Minimum (Ho...	0.0000
		BahiaRecepMisc.InputBuffer	Content	NumberInStation	Average	45.5462
					Maximum	431.0000
			HoldingTime	TimeInStation	Average (Ho...	0.5877
					Maximum (Ho...	1.4624
					Minimum (Ho...	0.0000
		LlegadaDeMedicina.OutputBuffer	Content	NumberInStation	Average	0.0261
					Maximum	2.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0216
					Maximum (Ho...	0.4185
					Minimum (Ho...	0.0000
		LlegadaDeMiscelaneos.OutputBuffer	Content	NumberInStation	Average	0.1940
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1663
					Maximum (Ho...	0.8499
					Minimum (Ho...	0.0000
		MontaCargaMed [Population]	Capacity	ScheduledUtilization	Percent	5.0866
		MontaCargaMed[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.0866
		MontaCargaMed[1].RideStation	Content	NumberInStation	Average	1.8875
					Maximum	79.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0211
					Maximum (Ho...	0.0224
					Minimum (Ho...	0.0202

Figura C2 1: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	MontaCargaMed2 [Population]	Capacity	ScheduledUtilization	Percent	65.6769
		MontaCargaMed2[1] [Resource]	Capacity	ScheduledUtilization	Percent	65.6769
		MontaCargaMed2[1].RideStation	Content	NumberInStation	Average	2.7175
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0613
					Maximum (Ho...	1.0670
					Minimum (Ho...	0.0067
		MontaCargaMed22 [Population]	Capacity	ScheduledUtilization	Percent	65.8856
		MontaCargaMed22[1] [Resource]	Capacity	ScheduledUtilization	Percent	65.8856
		MontaCargaMed22[1].RideStation	Content	NumberInStation	Average	2.4359
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0587
					Maximum (Ho...	1.0671
					Minimum (Ho...	0.0067
		MontaCargaMed222 [Population]	Capacity	ScheduledUtilization	Percent	65.4125
		MontaCargaMed222[1] [Resource]	Capacity	ScheduledUtilization	Percent	65.4125
		MontaCargaMed222[1].RideStation	Content	NumberInStation	Average	2.7050
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0630
					Maximum (Ho...	1.0648
					Minimum (Ho...	0.0067
		MontaCargaMisc [Population]	Capacity	ScheduledUtilization	Percent	4.3870
		MontaCargaMisc[1] [Resource]	Capacity	ScheduledUtilization	Percent	4.3870
		MontaCargaMisc[1].RideStation	Content	NumberInStation	Average	1.8557
					Maximum	88.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0239
					Maximum (Ho...	0.0249

Figura C2 2: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	MontaCargaMisc[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0229
		MontaCargaMisc2 [Population]	Capacity	ScheduledUtilization	Percent	62.1516
		MontaCargaMisc2[1] [Resource]	Capacity	ScheduledUtilization	Percent	62.1516
		MontaCargaMisc2[1].RideStation	Content	NumberInStation	Average	2.1283
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0478
					Maximum (Ho...	1.0466
					Minimum (Ho...	0.0114
		MontaCargaMisc2_1 [Population]	Capacity	ScheduledUtilization	Percent	62.1558
		MontaCargaMisc2_1[1] [Resource]	Capacity	ScheduledUtilization	Percent	62.1558
		MontaCargaMisc2_1[1].RideStation	Content	NumberInStation	Average	1.5477
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0442
					Maximum (Ho...	1.0482
					Minimum (Ho...	0.0118
		MontaCargaMisc2_1_1 [Population]	Capacity	ScheduledUtilization	Percent	62.0400
		MontaCargaMisc2_1_1[1] [Resource]	Capacity	ScheduledUtilization	Percent	62.0400
		MontaCargaMisc2_1_1[1].RideStation	Content	NumberInStation	Average	2.1212
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0478
					Maximum (Ho...	1.0497
					Minimum (Ho...	0.0113
		Vehicle5 [Population]	Capacity	ScheduledUtilization	Percent	25.9027
		Vehicle5[1].RideStation	Content	NumberInStation	Average	0.1322
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0029
					Maximum (Ho...	0.0029

Figura C2 3: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	Vehicle5[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0029
		Vehicle6 [Population]	Capacity	ScheduledUtilization	Percent	65.8508
		Vehicle6[1].RideStation	Content	NumberInStation	Average	0.6585
					Maximum	1.0000
Model	Torres_1_y_2_Pick...	T1P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7143
		T1P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7161
		T1P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7186
		T1T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7168
		T1T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096

Figura C2 4: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T1T2P2[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0096
		T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7192
		T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7175
		T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7170
		T2T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7185
		T2T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7146
		T3P1[1].RideStation	Content	NumberInStation	Average	0.3377

Figura C2 5: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T3P1[1].RideStation	Content	NumberInStation	Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7226
		T3P2[1].RideStation	Content	NumberInStation	Average	0.3378
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7151
		T3T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7156
		T3T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7125
		T4P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096

Figura C2 6: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T4P1[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0096
		T4P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7159
		T4P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7168
		T4T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7201
		T4T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
	Torre_Medicina	Medicina [Population]	FlowTime	TimeInSystem	Average (Ho...	14.3823
					Maximum (Ho...	20.4516
					Minimum (Ho...	9.7848
		TMEDP11 [Population]	Capacity	ScheduledUtilization	Percent	32.5790
		TMEDP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	32.5790
		TMEDP11[1].RideStation	Content	NumberInStation	Average	1.5821
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0810

Figura C2 7: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP11[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.1715
					Minimum (Ho...	0.0049
		TMEDP12 [Population]	Capacity	ScheduledUtilization	Percent	33.2519
		TMEDP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	33.2519
		TMEDP12[1].RideStation	Content	NumberInStation	Average	3.0497
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1319
					Maximum (Ho...	0.1634
					Minimum (Ho...	0.0055
		TMEDP13 [Population]	Capacity	ScheduledUtilization	Percent	31.6624
		TMEDP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.6624
		TMEDP13[1].RideStation	Content	NumberInStation	Average	1.2075
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0605
					Maximum (Ho...	0.1568
					Minimum (Ho...	0.0052
		TMEDP14 [Population]	Capacity	ScheduledUtilization	Percent	35.0689
		TMEDP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	35.0689
		TMEDP14[1].RideStation	Content	NumberInStation	Average	2.7444
					Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1126
					Maximum (Ho...	0.1497
					Minimum (Ho...	0.0079
		TMEDP15 [Population]	Capacity	ScheduledUtilization	Percent	37.0205
		TMEDP15[1] [Resource]	Capacity	ScheduledUtilization	Percent	37.0205
		TMEDP15[1].RideStation	Content	NumberInStation	Average	2.8113
					Maximum	17.0000

Figura C2 8: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP15[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.1104
					Maximum (Ho...	0.2067
					Minimum (Ho...	0.0047
		TMEDP16 [Population]	Capacity	ScheduledUtilization	Percent	30.1919
		TMEDP16[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.1919
		TMEDP16[1].RideStation	Content	NumberInStation	Average	2.6077
					Maximum	18.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1277
					Maximum (Ho...	0.1970
					Minimum (Ho...	0.0065
		TMEDP17 [Population]	Capacity	ScheduledUtilization	Percent	36.7364
		TMEDP17[1] [Resource]	Capacity	ScheduledUtilization	Percent	36.7364
		TMEDP17[1].RideStation	Content	NumberInStation	Average	2.7273
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1091
					Maximum (Ho...	0.1719
					Minimum (Ho...	0.0060
		TMEDP18 [Population]	Capacity	ScheduledUtilization	Percent	31.2700
		TMEDP18[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.2700
		TMEDP18[1].RideStation	Content	NumberInStation	Average	1.4557
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0697
					Maximum (Ho...	0.1734
					Minimum (Ho...	0.0066
		TMEDP21 [Population]	Capacity	ScheduledUtilization	Percent	63.3356
		TMEDP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	63.3356
		TMEDP21[1].RideStation	Content	NumberInStation	Average	3.1721

Figura C2 9: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP21[1].RideStation	Content	NumberInStation	Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0707
					Maximum (Ho...	0.0896
					Minimum (Ho...	0.0054
		TMEDP22 [Population]	Capacity	ScheduledUtilization	Percent	27.2057
		TMEDP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.2057
		TMEDP22[1].RideStation	Content	NumberInStation	Average	0.6467
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0349
					Maximum (Ho...	0.1116
					Minimum (Ho...	0.0042
		TMEDP23 [Population]	Capacity	ScheduledUtilization	Percent	63.9165
		TMEDP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	63.9165
		TMEDP23[1].RideStation	Content	NumberInStation	Average	2.5340
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0566
					Maximum (Ho...	0.0827
					Minimum (Ho...	0.0051
		TMEDP24 [Population]	Capacity	ScheduledUtilization	Percent	26.2832
		TMEDP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.2832
		TMEDP24[1].RideStation	Content	NumberInStation	Average	0.5748
					Maximum	18.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0321
					Maximum (Ho...	0.1349
					Minimum (Ho...	0.0042
		TMEDP25 [Population]	Capacity	ScheduledUtilization	Percent	99.9707
		TMEDP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	99.9707

Figura C2 10: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP25[1].RideStation	Content	NumberInStation	Average	3.8958
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0844
					Maximum (Ho...	8.0906
					Minimum (Ho...	0.0522
		TMEDP26 [Population]	Capacity	ScheduledUtilization	Percent	25.8881
		TMEDP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.8881
		TMEDP26[1].RideStation	Content	NumberInStation	Average	0.4308
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0243
					Maximum (Ho...	0.0605
					Minimum (Ho...	0.0041
		TMEDP27 [Population]	Capacity	ScheduledUtilization	Percent	16.5325
		TMEDP27[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.5325
		TMEDP27[1].RideStation	Content	NumberInStation	Average	0.2095
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0192
					Maximum (Ho...	0.0771
					Minimum (Ho...	0.0042
		TMEDP28 [Population]	Capacity	ScheduledUtilization	Percent	16.6987
		TMEDP28[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.6987
		TMEDP28[1].RideStation	Content	NumberInStation	Average	0.2304
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0207
					Maximum (Ho...	0.0878
					Minimum (Ho...	0.0042
		TMEDP29 [Population]	Capacity	ScheduledUtilization	Percent	17.5218

Figura C2 11: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP29[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.5218
		TMEDP29[1].RideStation	Content	NumberInStation	Average	0.2221
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0192
					Maximum (Ho...	0.0706
					Minimum (Ho...	0.0041
		TMEDP31 [Population]	Capacity	ScheduledUtilization	Percent	64.9692
		TMEDP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	64.9692
		TMEDP31[1].RideStation	Content	NumberInStation	Average	2.5675
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0571
					Maximum (Ho...	0.0765
					Minimum (Ho...	0.0078
		TMEDP32 [Population]	Capacity	ScheduledUtilization	Percent	27.1029
		TMEDP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.1029
		TMEDP32[1].RideStation	Content	NumberInStation	Average	0.4810
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0262
					Maximum (Ho...	0.0761
					Minimum (Ho...	0.0042
		TMEDP33 [Population]	Capacity	ScheduledUtilization	Percent	65.0404
		TMEDP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	65.0404
		TMEDP33[1].RideStation	Content	NumberInStation	Average	4.5189
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0987
					Maximum (Ho...	0.1266
					Minimum (Ho...	0.0087

Figura C2 12: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP34 [Population]	Capacity	ScheduledUtilization	Percent	26.2038
		TMEDP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.2038
		TMEDP34[1].RideStation	Content	NumberInStation	Average	0.7161
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0403
					Maximum (Ho...	0.1199
					Minimum (Ho...	0.0043
		TMEDP35 [Population]	Capacity	ScheduledUtilization	Percent	64.6430
		TMEDP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	64.6430
		TMEDP35[1].RideStation	Content	NumberInStation	Average	3.2470
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0710
					Maximum (Ho...	0.0935
					Minimum (Ho...	0.0051
		TMEDP36 [Population]	Capacity	ScheduledUtilization	Percent	26.1079
		TMEDP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.1079
		TMEDP36[1].RideStation	Content	NumberInStation	Average	0.4859
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0275
					Maximum (Ho...	0.0742
					Minimum (Ho...	0.0043
		TMEDP37 [Population]	Capacity	ScheduledUtilization	Percent	15.8692
		TMEDP37[1] [Resource]	Capacity	ScheduledUtilization	Percent	15.8692
		TMEDP37[1].RideStation	Content	NumberInStation	Average	0.1579
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0149
					Maximum (Ho...	0.0485

Figura C2 13: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP37[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0043
		TMEDP38 [Population]	Capacity	ScheduledUtilization	Percent	17.4974
		TMEDP38[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.4974
		TMEDP38[1].RideStation	Content	NumberInStation	Average	0.2322
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0198
					Maximum (Ho...	0.0631
					Minimum (Ho...	0.0041
		TMEDP39 [Population]	Capacity	ScheduledUtilization	Percent	17.7538
		TMEDP39[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.7538
		TMEDP39[1].RideStation	Content	NumberInStation	Average	0.2345
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0202
					Maximum (Ho...	0.0673
					Minimum (Ho...	0.0042
	Torre_2_Miscelaneos	Miscelaneos [Population]	FlowTime	TimeInSystem	Average (Ho...	14.4722
					Maximum (Ho...	20.4516
					Minimum (Ho...	9.7848
		TMISP11 [Population]	Capacity	ScheduledUtilization	Percent	33.3822
		TMISP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	33.3822
		TMISP11[1].RideStation	Content	NumberInStation	Average	1.1464
					Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0628
					Maximum (Ho...	0.1540
					Minimum (Ho...	0.0068
		TMISP110 [Population]	Capacity	ScheduledUtilization	Percent	20.5433
		TMISP110[1] [Resource]	Capacity	ScheduledUtilization	Percent	20.5433

Figura C2 14: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP110[1].RideStation	Content	NumberInStation	Average	0.2852
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0423
					Maximum (Ho...	0.1539
					Minimum (Ho...	0.0068
		TMISP111 [Population]	Capacity	ScheduledUtilization	Percent	5.8377
		TMISP111[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.8377
		TMISP111[1].RideStation	Content	NumberInStation	Average	0.0423
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0128
					Maximum (Ho...	0.0319
					Minimum (Ho...	0.0069
		TMISP112 [Population]	Capacity	ScheduledUtilization	Percent	5.7633
		TMISP112[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.7633
		TMISP112[1].RideStation	Content	NumberInStation	Average	0.0406
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0123
					Maximum (Ho...	0.0250
					Minimum (Ho...	0.0069
		TMISP12 [Population]	Capacity	ScheduledUtilization	Percent	28.5739
		TMISP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	28.5739
		TMISP12[1].RideStation	Content	NumberInStation	Average	0.4824
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0445
					Maximum (Ho...	0.1386
					Minimum (Ho...	0.0071
		TMISP13 [Population]	Capacity	ScheduledUtilization	Percent	29.7726

Figura C2 15: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.7726
		TMISP13[1].RideStation	Content	NumberInStation	Average	0.7016
					Maximum	12.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0370
					Maximum (Ho...	0.1058
					Minimum (Ho...	0.0070
		TMISP14 [Population]	Capacity	ScheduledUtilization	Percent	21.8413
		TMISP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.8413
		TMISP14[1].RideStation	Content	NumberInStation	Average	0.2406
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0184
					Maximum (Ho...	0.0580
					Minimum (Ho...	0.0069
		TMISP15 [Population]	Capacity	ScheduledUtilization	Percent	30.3431
		TMISP15[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.3431
		TMISP15[1].RideStation	Content	NumberInStation	Average	0.7976
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0412
					Maximum (Ho...	0.1126
					Minimum (Ho...	0.0068
		TMISP16 [Population]	Capacity	ScheduledUtilization	Percent	21.7583
		TMISP16[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.7583
		TMISP16[1].RideStation	Content	NumberInStation	Average	0.2546
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0192
					Maximum (Ho...	0.0696
					Minimum (Ho...	0.0070

Figura C2 16: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP17 [Population]	Capacity	ScheduledUtilization	Percent	26.4270
		TMISP17[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.4270
		TMISP17[1].RideStation	Content	NumberInStation	Average	0.4202
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0439
					Maximum (Ho...	0.1585
					Minimum (Ho...	0.0082
		TMISP18 [Population]	Capacity	ScheduledUtilization	Percent	15.2806
		TMISP18[1] [Resource]	Capacity	ScheduledUtilization	Percent	15.2806
		TMISP18[1].RideStation	Content	NumberInStation	Average	0.1380
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0151
					Maximum (Ho...	0.0383
					Minimum (Ho...	0.0069
		TMISP19 [Population]	Capacity	ScheduledUtilization	Percent	15.0916
		TMISP19[1] [Resource]	Capacity	ScheduledUtilization	Percent	15.0916
		TMISP19[1].RideStation	Content	NumberInStation	Average	0.1432
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0161
					Maximum (Ho...	0.0461
					Minimum (Ho...	0.0068
		TMISP21 [Population]	Capacity	ScheduledUtilization	Percent	28.7807
		TMISP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	28.7807
		TMISP21[1].RideStation	Content	NumberInStation	Average	0.5021
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0278
					Maximum (Ho...	0.1084

Figura C2 17: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP21[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0068
		TMISP210 [Population]	Capacity	ScheduledUtilization	Percent	5.4496
		TMISP210[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.4496
		TMISP210[1].RideStation	Content	NumberInStation	Average	0.0389
					Maximum	2.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0128
					Maximum (Ho...	0.0212
					Minimum (Ho...	0.0070
		TMISP211 [Population]	Capacity	ScheduledUtilization	Percent	6.2043
		TMISP211[1] [Resource]	Capacity	ScheduledUtilization	Percent	6.2043
		TMISP211[1].RideStation	Content	NumberInStation	Average	0.0418
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0121
					Maximum (Ho...	0.0272
					Minimum (Ho...	0.0069
		TMISP212 [Population]	Capacity	ScheduledUtilization	Percent	5.8416
		TMISP212[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.8416
		TMISP212[1].RideStation	Content	NumberInStation	Average	0.0447
					Maximum	2.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0131
					Maximum (Ho...	0.0250
					Minimum (Ho...	0.0069
		TMISP22 [Population]	Capacity	ScheduledUtilization	Percent	22.7171
		TMISP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.7171
		TMISP22[1].RideStation	Content	NumberInStation	Average	0.2668
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0199

Figura C2 18: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP22[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.0867
					Minimum (Ho...	0.0068
		TMISP23 [Population]	Capacity	ScheduledUtilization	Percent	29.8204
		TMISP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.8204
		TMISP23[1].RideStation	Content	NumberInStation	Average	0.5840
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0313
					Maximum (Ho...	0.0981
					Minimum (Ho...	0.0068
		TMISP24 [Population]	Capacity	ScheduledUtilization	Percent	23.1055
		TMISP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.1055
		TMISP24[1].RideStation	Content	NumberInStation	Average	0.2831
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0200
					Maximum (Ho...	0.0712
					Minimum (Ho...	0.0069
		TMISP25 [Population]	Capacity	ScheduledUtilization	Percent	30.3595
		TMISP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.3595
		TMISP25[1].RideStation	Content	NumberInStation	Average	0.7847
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0402
					Maximum (Ho...	0.1179
					Minimum (Ho...	0.0068
		TMISP26 [Population]	Capacity	ScheduledUtilization	Percent	21.7824
		TMISP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.7824
		TMISP26[1].RideStation	Content	NumberInStation	Average	0.2646
					Maximum	8.0000

Figura C2 19: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP26[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0201
					Maximum (Ho...	0.0683
					Minimum (Ho...	0.0068
		TMISP27 [Population]	Capacity	ScheduledUtilization	Percent	15.3658
		TMISP27[1] [Resource]	Capacity	ScheduledUtilization	Percent	15.3658
		TMISP27[1].RideStation	Content	NumberInStation	Average	0.1348
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0145
					Maximum (Ho...	0.0332
					Minimum (Ho...	0.0069
		TMISP28 [Population]	Capacity	ScheduledUtilization	Percent	14.2487
		TMISP28[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.2487
		TMISP28[1].RideStation	Content	NumberInStation	Average	0.1307
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0151
					Maximum (Ho...	0.0339
					Minimum (Ho...	0.0068
		TMISP29 [Population]	Capacity	ScheduledUtilization	Percent	14.7931
		TMISP29[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.7931
		TMISP29[1].RideStation	Content	NumberInStation	Average	0.1381
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0159
					Maximum (Ho...	0.0723
					Minimum (Ho...	0.0068
		TMISP31 [Population]	Capacity	ScheduledUtilization	Percent	30.2123
		TMISP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.2123
		TMISP31[1].RideStation	Content	NumberInStation	Average	0.9768

Figura C2 20: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP31[1].RideStation	Content	NumberInStation	Average	0.9768
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0504
					Maximum (Ho...	0.0880
					Minimum (Ho...	0.0072
		TMISP310 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP311 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP312 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP32 [Population]	Capacity	ScheduledUtilization	Percent	24.9658
		TMISP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.9658
		TMISP32[1].RideStation	Content	NumberInStation	Average	0.8832
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0567
					Maximum (Ho...	0.1256
					Minimum (Ho...	0.0068
		TMISP33 [Population]	Capacity	ScheduledUtilization	Percent	28.6965
		TMISP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	28.6965
		TMISP33[1].RideStation	Content	NumberInStation	Average	1.2317
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0673
					Maximum (Ho...	0.1635
					Minimum (Ho...	0.0074
		TMISP34 [Population]	Capacity	ScheduledUtilization	Percent	19.5291
		TMISP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	19.5291
		TMISP34[1].RideStation	Content	NumberInStation	Average	0.3695
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0308

Figura C2 21: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP34[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.0547
					Minimum (Ho...	0.0074
		TMISP35 [Population]	Capacity	ScheduledUtilization	Percent	26.3760
		TMISP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.3760
		TMISP35[1].RideStation	Content	NumberInStation	Average	0.9425
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0544
					Maximum (Ho...	0.1014
					Minimum (Ho...	0.0079
		TMISP36 [Population]	Capacity	ScheduledUtilization	Percent	25.7465
		TMISP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.7465
		TMISP36[1].RideStation	Content	NumberInStation	Average	1.1895
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0717
					Maximum (Ho...	0.1414
					Minimum (Ho...	0.0076
		TMISP37 [Population]	Capacity	ScheduledUtilization	Percent	16.6668
		TMISP37[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.6668
		TMISP37[1].RideStation	Content	NumberInStation	Average	0.3165
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0311
					Maximum (Ho...	0.0500
					Minimum (Ho...	0.0071
		TMISP38 [Population]	Capacity	ScheduledUtilization	Percent	22.8081
		TMISP38[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.8081
		TMISP38[1].RideStation	Content	NumberInStation	Average	0.9586
					Maximum	16.0000

Figura C2 22: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP38[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0646
					Maximum (Ho...	0.1363
					Minimum (Ho...	0.0079
		TMISP39 [Population]	Capacity	ScheduledUtilization	Percent	18.4846
		TMISP39[1] [Resource]	Capacity	ScheduledUtilization	Percent	18.4846
		TMISP39[1].RideStation	Content	NumberInStation	Average	0.7486
					Maximum	17.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0633
					Maximum (Ho...	0.1392
					Minimum (Ho...	0.0080
	Torre_1_Miscelaneos	Miscelaneos [Population]	FlowTime	TimeInSystem	Average (Ho...	14.5640
					Maximum (Ho...	20.4516
					Minimum (Ho...	9.7848
		TMISP11 [Population]	Capacity	ScheduledUtilization	Percent	33.4144
		TMISP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	33.4144
		TMISP11[1].RideStation	Content	NumberInStation	Average	0.8894
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0505
					Maximum (Ho...	0.1099
					Minimum (Ho...	0.0068
		TMISP110 [Population]	Capacity	ScheduledUtilization	Percent	17.2779
		TMISP110[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.2779
		TMISP110[1].RideStation	Content	NumberInStation	Average	0.2140
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0411
					Maximum (Ho...	0.0877
					Minimum (Ho...	0.0087

Figura C2 23: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP111 [Population]	Capacity	ScheduledUtilization	Percent	5.8470
		TMISP111[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.8470
		TMISP111[1].RideStation	Content	NumberInStation	Average	0.0448
					Maximum	2.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0133
					Maximum (Ho...	0.0234
					Minimum (Ho...	0.0068
		TMISP112 [Population]	Capacity	ScheduledUtilization	Percent	5.8331
		TMISP112[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.8331
		TMISP112[1].RideStation	Content	NumberInStation	Average	0.0413
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0125
					Maximum (Ho...	0.0230
					Minimum (Ho...	0.0068
		TMISP12 [Population]	Capacity	ScheduledUtilization	Percent	30.0812
		TMISP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.0812
		TMISP12[1].RideStation	Content	NumberInStation	Average	0.5148
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0384
					Maximum (Ho...	0.0897
					Minimum (Ho...	0.0077
		TMISP13 [Population]	Capacity	ScheduledUtilization	Percent	30.5362
		TMISP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.5362
		TMISP13[1].RideStation	Content	NumberInStation	Average	0.6982
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0358
					Maximum (Ho...	0.1122

Figura C2 24: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP13[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0069
		TMISP14 [Population]	Capacity	ScheduledUtilization	Percent	23.1375
		TMISP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.1375
		TMISP14[1].RideStation	Content	NumberInStation	Average	0.3141
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0222
					Maximum (Ho...	0.0825
					Minimum (Ho...	0.0068
		TMISP15 [Population]	Capacity	ScheduledUtilization	Percent	29.6197
		TMISP15[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.6197
		TMISP15[1].RideStation	Content	NumberInStation	Average	0.5431
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0288
					Maximum (Ho...	0.0707
					Minimum (Ho...	0.0068
		TMISP16 [Population]	Capacity	ScheduledUtilization	Percent	23.2934
		TMISP16[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.2934
		TMISP16[1].RideStation	Content	NumberInStation	Average	0.3372
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0237
					Maximum (Ho...	0.0643
					Minimum (Ho...	0.0068
		TMISP17 [Population]	Capacity	ScheduledUtilization	Percent	24.2587
		TMISP17[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.2587
		TMISP17[1].RideStation	Content	NumberInStation	Average	0.3646
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0387

Figura C2 25: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP17[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.0919
					Minimum (Ho...	0.0077
		TMISP18 [Population]	Capacity	ScheduledUtilization	Percent	14.6523
		TMISP18[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.6523
		TMISP18[1].RideStation	Content	NumberInStation	Average	0.1294
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0151
					Maximum (Ho...	0.0375
					Minimum (Ho...	0.0068
		TMISP19 [Population]	Capacity	ScheduledUtilization	Percent	14.4964
		TMISP19[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.4964
		TMISP19[1].RideStation	Content	NumberInStation	Average	0.1319
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0156
					Maximum (Ho...	0.0403
					Minimum (Ho...	0.0068
		TMISP21 [Population]	Capacity	ScheduledUtilization	Percent	29.6143
		TMISP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.6143
		TMISP21[1].RideStation	Content	NumberInStation	Average	0.5362
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0292
					Maximum (Ho...	0.0655
					Minimum (Ho...	0.0068
		TMISP210 [Population]	Capacity	ScheduledUtilization	Percent	5.8531
		TMISP210[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.8531
		TMISP210[1].RideStation	Content	NumberInStation	Average	0.0501
					Maximum	4.0000

Figura C2 26: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP210[1].RideStation	Content	NumberInStation	Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0141
					Maximum (Ho...	0.0392
					Minimum (Ho...	0.0068
		TMISP211 [Population]	Capacity	ScheduledUtilization	Percent	6.4784
		TMISP211[1] [Resource]	Capacity	ScheduledUtilization	Percent	6.4784
		TMISP211[1].RideStation	Content	NumberInStation	Average	0.0531
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0139
					Maximum (Ho...	0.0340
					Minimum (Ho...	0.0068
		TMISP212 [Population]	Capacity	ScheduledUtilization	Percent	5.7623
		TMISP212[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.7623
		TMISP212[1].RideStation	Content	NumberInStation	Average	0.0419
					Maximum	2.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0126
					Maximum (Ho...	0.0245
					Minimum (Ho...	0.0070
		TMISP22 [Population]	Capacity	ScheduledUtilization	Percent	23.7698
		TMISP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.7698
		TMISP22[1].RideStation	Content	NumberInStation	Average	0.3312
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0230
					Maximum (Ho...	0.0809
					Minimum (Ho...	0.0068
		TMISP23 [Population]	Capacity	ScheduledUtilization	Percent	31.0895
		TMISP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.0895

Figura C2 27: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP23[1].RideStation	Content	NumberInStation	Average	1.0226
					Maximum	17.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0508
					Maximum (Ho...	0.1412
					Minimum (Ho...	0.0068
		TMISP24 [Population]	Capacity	ScheduledUtilization	Percent	20.7505
		TMISP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	20.7505
		TMISP24[1].RideStation	Content	NumberInStation	Average	0.2508
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0199
					Maximum (Ho...	0.0660
					Minimum (Ho...	0.0068
		TMISP25 [Population]	Capacity	ScheduledUtilization	Percent	29.3938
		TMISP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.3938
		TMISP25[1].RideStation	Content	NumberInStation	Average	0.5065
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0276
					Maximum (Ho...	0.0683
					Minimum (Ho...	0.0069
		TMISP26 [Population]	Capacity	ScheduledUtilization	Percent	24.0413
		TMISP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.0413
		TMISP26[1].RideStation	Content	NumberInStation	Average	0.3158
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0215
					Maximum (Ho...	0.0831
					Minimum (Ho...	0.0068
		TMISP27 [Population]	Capacity	ScheduledUtilization	Percent	14.8547

Figura C2 28: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP27[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.8547
		TMISP27[1].RideStation	Content	NumberInStation	Average	0.1292
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0148
					Maximum (Ho...	0.0348
					Minimum (Ho...	0.0068
		TMISP28 [Population]	Capacity	ScheduledUtilization	Percent	14.4825
		TMISP28[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.4825
		TMISP28[1].RideStation	Content	NumberInStation	Average	0.1356
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0157
					Maximum (Ho...	0.0399
					Minimum (Ho...	0.0069
		TMISP29 [Population]	Capacity	ScheduledUtilization	Percent	14.4590
		TMISP29[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.4590
		TMISP29[1].RideStation	Content	NumberInStation	Average	0.1290
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0151
					Maximum (Ho...	0.0348
					Minimum (Ho...	0.0068
		TMISP31 [Population]	Capacity	ScheduledUtilization	Percent	29.0277
		TMISP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.0277
		TMISP31[1].RideStation	Content	NumberInStation	Average	1.4573
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0779
					Maximum (Ho...	0.1306
					Minimum (Ho...	0.0084

Figura C2 29: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP31[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0084
		TMISP310 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP311 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP312 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP32 [Population]	Capacity	ScheduledUtilization	Percent	22.8844
		TMISP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.8844
		TMISP32[1].RideStation	Content	NumberInStation	Average	0.8070
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0549
					Maximum (Ho...	0.1015
					Minimum (Ho...	0.0068
		TMISP33 [Population]	Capacity	ScheduledUtilization	Percent	27.1643
		TMISP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.1643
		TMISP33[1].RideStation	Content	NumberInStation	Average	1.1116
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0649
					Maximum (Ho...	0.1246
					Minimum (Ho...	0.0071
		TMISP34 [Population]	Capacity	ScheduledUtilization	Percent	23.1064
		TMISP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.1064
		TMISP34[1].RideStation	Content	NumberInStation	Average	0.7605
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0511
					Maximum (Ho...	0.0898
					Minimum (Ho...	0.0070
		TMISP35 [Population]	Capacity	ScheduledUtilization	Percent	27.9942
		TMISP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.9942

Figura C2 30: Resultados del escenario 2

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP35[1].RideStation	Content	NumberInStation	Average	0.8108
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0461
					Maximum (Ho...	0.0758
					Minimum (Ho...	0.0072
		TMISP36 [Population]	Capacity	ScheduledUtilization	Percent	25.6714
		TMISP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.6714
		TMISP36[1].RideStation	Content	NumberInStation	Average	1.0064
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0624
					Maximum (Ho...	0.1525
					Minimum (Ho...	0.0070
		TMISP37 [Population]	Capacity	ScheduledUtilization	Percent	19.5139
		TMISP37[1] [Resource]	Capacity	ScheduledUtilization	Percent	19.5139
		TMISP37[1].RideStation	Content	NumberInStation	Average	0.8384
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0671
					Maximum (Ho...	0.1683
					Minimum (Ho...	0.0068
		TMISP38 [Population]	Capacity	ScheduledUtilization	Percent	20.6938
		TMISP38[1] [Resource]	Capacity	ScheduledUtilization	Percent	20.6938
		TMISP38[1].RideStation	Content	NumberInStation	Average	0.7724
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0579
					Maximum (Ho...	0.0979
					Minimum (Ho...	0.0077
		TMISP39 [Population]	Capacity	ScheduledUtilization	Percent	17.6027

Figura C2 31: Resultados del escenario 2

Fuente: Elaboración propia

Escenario 3

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	BahiaRecepMed.InputBuffer	Content	NumberInStation	Average	89.1845
					Maximum	514.0000
			HoldingTime	TimeInStation	Average (Ho...	1.0633
					Maximum (Ho...	2.4444
					Minimum (Ho...	0.0000
		BahiaRecepMisc.InputBuffer	Content	NumberInStation	Average	65.1103
					Maximum	611.0000
			HoldingTime	TimeInStation	Average (Ho...	0.7374
					Maximum (Ho...	2.0163
					Minimum (Ho...	0.0000
		LlegadaDeMedicina.OutputBuffer	Content	NumberInStation	Average	0.0546
					Maximum	2.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0485
					Maximum (Ho...	0.7726
					Minimum (Ho...	0.0000
		LlegadaDeMiscelaneos.OutputBuffer	Content	NumberInStation	Average	0.1907
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1308
					Maximum (Ho...	0.9254
					Minimum (Ho...	0.0000
		MontaCargaMed [Population]	Capacity	ScheduledUtilization	Percent	4.7597
		MontaCargaMed[1] [Resource]	Capacity	ScheduledUtilization	Percent	4.7597
		MontaCargaMed[1].RideStation	Content	NumberInStation	Average	1.7753
					Maximum	78.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0212
					Maximum (Ho...	0.0221
					Minimum (Ho...	0.0199

Figura C3 1: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	MontaCargaMed2 [Population]	Capacity	ScheduledUtilization	Percent	62.8127
		MontaCargaMed2[1] [Resource]	Capacity	ScheduledUtilization	Percent	62.8127
		MontaCargaMed2[1].RideStation	Content	NumberInStation	Average	2.6946
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0807
					Maximum (Ho...	1.0904
					Minimum (Ho...	0.0067
		MontaCargaMed22 [Population]	Capacity	ScheduledUtilization	Percent	62.6903
		MontaCargaMed22[1] [Resource]	Capacity	ScheduledUtilization	Percent	62.6903
		MontaCargaMed22[1].RideStation	Content	NumberInStation	Average	1.5280
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0732
					Maximum (Ho...	1.0969
					Minimum (Ho...	0.0067
		MontaCargaMed222 [Population]	Capacity	ScheduledUtilization	Percent	62.8826
		MontaCargaMed222[1] [Resource]	Capacity	ScheduledUtilization	Percent	62.8826
		MontaCargaMed222[1].RideStation	Content	NumberInStation	Average	2.7020
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0812
					Maximum (Ho...	1.0951
					Minimum (Ho...	0.0067
		MontaCargaMed222_1 [Population]	Capacity	ScheduledUtilization	Percent	63.0033
		MontaCargaMed222_1[1] [Resource]	Capacity	ScheduledUtilization	Percent	63.0033
		MontaCargaMed222_1[1].RideStation	Content	NumberInStation	Average	2.6902
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0809
					Maximum (Ho...	1.0914

Figura C3 2: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	MontaCargaMed222_1[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0067
		MontaCargaMisc [Population]	Capacity	ScheduledUtilization	Percent	4.9977
		MontaCargaMisc[1] [Resource]	Capacity	ScheduledUtilization	Percent	4.9977
		MontaCargaMisc[1].RideStation	Content	NumberInStation	Average	2.1190
					Maximum	89.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0240
					Maximum (Ho...	0.0252
					Minimum (Ho...	0.0229
		MontaCargaMisc2 [Population]	Capacity	ScheduledUtilization	Percent	61.5350
		MontaCargaMisc2[1] [Resource]	Capacity	ScheduledUtilization	Percent	61.5350
		MontaCargaMisc2[1].RideStation	Content	NumberInStation	Average	2.1818
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0669
					Maximum (Ho...	1.0736
					Minimum (Ho...	0.0086
		MontaCargaMisc2_1 [Population]	Capacity	ScheduledUtilization	Percent	61.2875
		MontaCargaMisc2_1[1] [Resource]	Capacity	ScheduledUtilization	Percent	61.2875
		MontaCargaMisc2_1[1].RideStation	Content	NumberInStation	Average	2.1711
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0683
					Maximum (Ho...	1.0737
					Minimum (Ho...	0.0086
		MontaCargaMisc2_1_1 [Population]	Capacity	ScheduledUtilization	Percent	61.3608
		MontaCargaMisc2_1_1[1] [Resource]	Capacity	ScheduledUtilization	Percent	61.3608
		MontaCargaMisc2_1_1[1].RideStation	Content	NumberInStation	Average	2.1396
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0647

Figura C3 3: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
EntregaDeMedicin...	EntregaDeMedicinas...	MontaCargaMisc2_1_1[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	1.0734
					Minimum (Ho...	0.0086
		MontaCargaMisc2_1_1_1 [Population]	Capacity	ScheduledUtilization	Percent	61.3880
		MontaCargaMisc2_1_1_1[1] [Resource]	Capacity	ScheduledUtilization	Percent	61.3880
		MontaCargaMisc2_1_1_1[1].RideSta...	Content	NumberInStation	Average	2.1787
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0671
					Maximum (Ho...	1.0717
					Minimum (Ho...	0.0086
		Vehicle5 [Population]	Capacity	ScheduledUtilization	Percent	25.4379
		Vehicle5[1].RideStation	Content	NumberInStation	Average	0.1299
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0029
					Maximum (Ho...	0.0029
					Minimum (Ho...	0.0029
		Vehicle6 [Population]	Capacity	ScheduledUtilization	Percent	65.4006
		Vehicle6[1].RideStation	Content	NumberInStation	Average	0.6539
					Maximum	1.0000
Model	Torres_1_y_2_Pick...	T1P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7142
		T1P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7173
		T1P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000

Figura C3 4: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T1P2[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7158
		T1T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T1T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7154
		T1T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7112
		T2P1[1].RideStation	Content	NumberInStation	Average	0.3376
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7167
		T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096

Figura C3 5: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T2T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7152
		T2T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T2T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7126
		T2T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7185
		T3P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7164
		T3P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7121
		T3T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000

Figura C3 6: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T3T2P1[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T3T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7123
		T3T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7174
		T4P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7185
		T4P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
		T4T2P1 [Population]	Capacity	ScheduledUtilization	Percent	66.7157
		T4T2P1[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096

Figura C3 7: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torres_1_y_2_Pick...	T4T2P2 [Population]	Capacity	ScheduledUtilization	Percent	66.7166
		T4T2P2[1].RideStation	Content	NumberInStation	Average	0.3377
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0096
					Maximum (Ho...	0.0096
					Minimum (Ho...	0.0096
	Torre_Medicina	Medicina [Population]	FlowTime	TimeInSystem	Average (Ho...	13.5322
					Maximum (Ho...	17.8603
					Minimum (Ho...	9.1602
		TMEDP11 [Population]	Capacity	ScheduledUtilization	Percent	37.1693
		TMEDP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	37.1693
		TMEDP11[1].RideStation	Content	NumberInStation	Average	2.5891
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0988
					Maximum (Ho...	0.1570
					Minimum (Ho...	0.0065
		TMEDP12 [Population]	Capacity	ScheduledUtilization	Percent	31.6529
		TMEDP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.6529
		TMEDP12[1].RideStation	Content	NumberInStation	Average	1.4952
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0848
					Maximum (Ho...	0.1845
					Minimum (Ho...	0.0065
		TMEDP13 [Population]	Capacity	ScheduledUtilization	Percent	32.8073
		TMEDP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	32.8073
		TMEDP13[1].RideStation	Content	NumberInStation	Average	2.1311
					Maximum	13.0000

Figura C3 8: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP13[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0984
					Maximum (Ho...	0.2128
					Minimum (Ho...	0.0047
		TMEDP14 [Population]	Capacity	ScheduledUtilization	Percent	33.8293
		TMEDP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	33.8293
		TMEDP14[1].RideStation	Content	NumberInStation	Average	1.7751
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0776
					Maximum (Ho...	0.1287
					Minimum (Ho...	0.0059
		TMEDP15 [Population]	Capacity	ScheduledUtilization	Percent	31.4262
		TMEDP15[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.4262
		TMEDP15[1].RideStation	Content	NumberInStation	Average	1.4168
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0746
					Maximum (Ho...	0.1510
					Minimum (Ho...	0.0105
		TMEDP16 [Population]	Capacity	ScheduledUtilization	Percent	39.6061
		TMEDP16[1] [Resource]	Capacity	ScheduledUtilization	Percent	39.6061
		TMEDP16[1].RideStation	Content	NumberInStation	Average	3.6043
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1297
					Maximum (Ho...	0.2162
					Minimum (Ho...	0.0050
		TMEDP17 [Population]	Capacity	ScheduledUtilization	Percent	33.3874
		TMEDP17[1] [Resource]	Capacity	ScheduledUtilization	Percent	33.3874
		TMEDP17[1].RideStation	Content	NumberInStation	Average	2.5012

Figura C3 9: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP17[1].RideStation	Content	NumberInStation	Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1070
					Maximum (Ho...	0.1828
					Minimum (Ho...	0.0065
		TMEDP18 [Population]	Capacity	ScheduledUtilization	Percent	33.9744
		TMEDP18[1] [Resource]	Capacity	ScheduledUtilization	Percent	33.9744
		TMEDP18[1].RideStation	Content	NumberInStation	Average	1.8627
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0798
					Maximum (Ho...	0.1618
					Minimum (Ho...	0.0058
		TMEDP21 [Population]	Capacity	ScheduledUtilization	Percent	64.1109
		TMEDP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	64.1109
		TMEDP21[1].RideStation	Content	NumberInStation	Average	5.7416
					Maximum	18.0000
			HoldingTime	TimeInStation	Average (Ho...	0.1263
					Maximum (Ho...	0.1539
					Minimum (Ho...	0.0079
		TMEDP22 [Population]	Capacity	ScheduledUtilization	Percent	24.8329
		TMEDP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	24.8329
		TMEDP22[1].RideStation	Content	NumberInStation	Average	0.6297
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0369
					Maximum (Ho...	0.1219
					Minimum (Ho...	0.0046
		TMEDP23 [Population]	Capacity	ScheduledUtilization	Percent	62.4896
		TMEDP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	62.4896

Figura C3 10: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP23[1].RideStation	Content	NumberInStation	Average	2.7932
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0631
					Maximum (Ho...	0.0832
					Minimum (Ho...	0.0073
		TMEDP24 [Population]	Capacity	ScheduledUtilization	Percent	28.0525
		TMEDP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	28.0525
		TMEDP24[1].RideStation	Content	NumberInStation	Average	1.0074
					Maximum	17.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0522
					Maximum (Ho...	0.1361
					Minimum (Ho...	0.0042
		TMEDP25 [Population]	Capacity	ScheduledUtilization	Percent	99.9462
		TMEDP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	99.9462
		TMEDP25[1].RideStation	Content	NumberInStation	Average	2.9281
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0647
					Maximum (Ho...	8.0678
					Minimum (Ho...	0.0357
		TMEDP26 [Population]	Capacity	ScheduledUtilization	Percent	25.7240
		TMEDP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.7240
		TMEDP26[1].RideStation	Content	NumberInStation	Average	0.4871
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0277
					Maximum (Ho...	0.1047
					Minimum (Ho...	0.0042
		TMEDP27 [Population]	Capacity	ScheduledUtilization	Percent	17.6330

Figura C3 11: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP27[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.6330
		TMEDP27[1].RideStation	Content	NumberInStation	Average	0.2200
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0181
					Maximum (Ho...	0.0570
					Minimum (Ho...	0.0042
		TMEDP28 [Population]	Capacity	ScheduledUtilization	Percent	15.2500
		TMEDP28[1] [Resource]	Capacity	ScheduledUtilization	Percent	15.2500
		TMEDP28[1].RideStation	Content	NumberInStation	Average	0.2114
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0209
					Maximum (Ho...	0.0677
					Minimum (Ho...	0.0043
		TMEDP29 [Population]	Capacity	ScheduledUtilization	Percent	16.7489
		TMEDP29[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.7489
		TMEDP29[1].RideStation	Content	NumberInStation	Average	0.2049
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0185
					Maximum (Ho...	0.0833
					Minimum (Ho...	0.0042
		TMEDP31 [Population]	Capacity	ScheduledUtilization	Percent	63.4578
		TMEDP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	63.4578
		TMEDP31[1].RideStation	Content	NumberInStation	Average	3.5064
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0792
					Maximum (Ho...	0.1011
					Minimum (Ho...	0.0049

Figura C3 12: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP32 [Population]	Capacity	ScheduledUtilization	Percent	25.1922
		TMEDP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.1922
		TMEDP32[1].RideStation	Content	NumberInStation	Average	0.4354
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0255
					Maximum (Ho...	0.0702
					Minimum (Ho...	0.0043
		TMEDP33 [Population]	Capacity	ScheduledUtilization	Percent	63.5868
		TMEDP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	63.5868
		TMEDP33[1].RideStation	Content	NumberInStation	Average	3.4908
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0774
					Maximum (Ho...	0.1019
					Minimum (Ho...	0.0054
		TMEDP34 [Population]	Capacity	ScheduledUtilization	Percent	25.0142
		TMEDP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.0142
		TMEDP34[1].RideStation	Content	NumberInStation	Average	0.4492
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0261
					Maximum (Ho...	0.0732
					Minimum (Ho...	0.0041
		TMEDP35 [Population]	Capacity	ScheduledUtilization	Percent	65.4507
		TMEDP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	65.4507
		TMEDP35[1].RideStation	Content	NumberInStation	Average	2.9438
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0642
					Maximum (Ho...	0.0848

Figura C3 13: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP35[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0061
		TMEDP36 [Population]	Capacity	ScheduledUtilization	Percent	25.8566
		TMEDP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.8566
		TMEDP36[1].RideStation	Content	NumberInStation	Average	0.4029
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0231
					Maximum (Ho...	0.0736
					Minimum (Ho...	0.0041
		TMEDP37 [Population]	Capacity	ScheduledUtilization	Percent	17.9781
		TMEDP37[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.9781
		TMEDP37[1].RideStation	Content	NumberInStation	Average	0.2780
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0233
					Maximum (Ho...	0.1051
					Minimum (Ho...	0.0042
		TMEDP38 [Population]	Capacity	ScheduledUtilization	Percent	18.1394
		TMEDP38[1] [Resource]	Capacity	ScheduledUtilization	Percent	18.1394
		TMEDP38[1].RideStation	Content	NumberInStation	Average	0.2067
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0172
					Maximum (Ho...	0.0506
					Minimum (Ho...	0.0042
		TMEDP39 [Population]	Capacity	ScheduledUtilization	Percent	17.6787
		TMEDP39[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.6787
		TMEDP39[1].RideStation	Content	NumberInStation	Average	0.1832
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0159

Figura C3 14: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_Medicina	TMEDP39[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.0514
					Minimum (Ho...	0.0042
	Torre_2_Miscelaneos	Miscelaneos [Population]	FlowTime	TimeInSystem	Average (Ho...	13.9469
					Maximum (Ho...	20.5370
					Minimum (Ho...	9.1602
		TMISP11 [Population]	Capacity	ScheduledUtilization	Percent	33.6854
		TMISP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	33.6854
		TMISP11[1].RideStation	Content	NumberInStation	Average	1.1721
					Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0647
					Maximum (Ho...	0.1453
					Minimum (Ho...	0.0073
		TMISP110 [Population]	Capacity	ScheduledUtilization	Percent	17.8881
		TMISP110[1] [Resource]	Capacity	ScheduledUtilization	Percent	17.8881
		TMISP110[1].RideStation	Content	NumberInStation	Average	0.2956
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0514
					Maximum (Ho...	0.1340
					Minimum (Ho...	0.0091
		TMISP111 [Population]	Capacity	ScheduledUtilization	Percent	6.5773
		TMISP111[1] [Resource]	Capacity	ScheduledUtilization	Percent	6.5773
		TMISP111[1].RideStation	Content	NumberInStation	Average	0.0561
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0146
					Maximum (Ho...	0.0325
					Minimum (Ho...	0.0070
		TMISP112 [Population]	Capacity	ScheduledUtilization	Percent	5.5084

Figura C3 15: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP112[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.5084
		TMISP112[1].RideStation	Content	NumberInStation	Average	0.0431
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0136
					Maximum (Ho...	0.0286
					Minimum (Ho...	0.0069
		TMISP113 [Population]	Capacity	ScheduledUtilization	Percent	12.9304
		TMISP113[1] [Resource]	Capacity	ScheduledUtilization	Percent	12.9304
		TMISP113[1].RideStation	Content	NumberInStation	Average	0.2320
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0619
					Maximum (Ho...	0.1300
					Minimum (Ho...	0.0093
		TMISP114 [Population]	Capacity	ScheduledUtilization	Percent	0.5589
		TMISP114[1] [Resource]	Capacity	ScheduledUtilization	Percent	0.5589
		TMISP114[1].RideStation	Content	NumberInStation	Average	0.0037
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0110
					Maximum (Ho...	0.0149
					Minimum (Ho...	0.0075
		TMISP115 [Population]	Capacity	ScheduledUtilization	Percent	0.8301
		TMISP115[1] [Resource]	Capacity	ScheduledUtilization	Percent	0.8301
		TMISP115[1].RideStation	Content	NumberInStation	Average	0.0059
					Maximum	2.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0128
					Maximum (Ho...	0.0239
					Minimum (Ho...	0.0075

Figura C3 16: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP12 [Population]	Capacity	ScheduledUtilization	Percent	27.2499
		TMISP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.2499
		TMISP12[1].RideStation	Content	NumberInStation	Average	0.3925
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0403
					Maximum (Ho...	0.1476
					Minimum (Ho...	0.0072
		TMISP13 [Population]	Capacity	ScheduledUtilization	Percent	30.5932
		TMISP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.5932
		TMISP13[1].RideStation	Content	NumberInStation	Average	0.8570
					Maximum	12.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0437
					Maximum (Ho...	0.1056
					Minimum (Ho...	0.0068
		TMISP14 [Population]	Capacity	ScheduledUtilization	Percent	21.5095
		TMISP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.5095
		TMISP14[1].RideStation	Content	NumberInStation	Average	0.2987
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0227
					Maximum (Ho...	0.1075
					Minimum (Ho...	0.0068
		TMISP15 [Population]	Capacity	ScheduledUtilization	Percent	30.2511
		TMISP15[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.2511
		TMISP15[1].RideStation	Content	NumberInStation	Average	0.8039
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0403
					Maximum (Ho...	0.1300

Figura C3 17: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP15[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0068
		TMISP16 [Population]	Capacity	ScheduledUtilization	Percent	21.7970
		TMISP16[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.7970
		TMISP16[1].RideStation	Content	NumberInStation	Average	0.2721
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0205
					Maximum (Ho...	0.0911
					Minimum (Ho...	0.0068
		TMISP17 [Population]	Capacity	ScheduledUtilization	Percent	23.8229
		TMISP17[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.8229
		TMISP17[1].RideStation	Content	NumberInStation	Average	0.3546
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0453
					Maximum (Ho...	0.1465
					Minimum (Ho...	0.0083
		TMISP18 [Population]	Capacity	ScheduledUtilization	Percent	13.6083
		TMISP18[1] [Resource]	Capacity	ScheduledUtilization	Percent	13.6083
		TMISP18[1].RideStation	Content	NumberInStation	Average	0.1247
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0156
					Maximum (Ho...	0.0407
					Minimum (Ho...	0.0068
		TMISP19 [Population]	Capacity	ScheduledUtilization	Percent	13.7646
		TMISP19[1] [Resource]	Capacity	ScheduledUtilization	Percent	13.7646
		TMISP19[1].RideStation	Content	NumberInStation	Average	0.1189
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0143

Figura C3 18: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP19[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.0415
					Minimum (Ho...	0.0068
		TMISP21 [Population]	Capacity	ScheduledUtilization	Percent	30.7218
		TMISP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.7218
		TMISP21[1].RideStation	Content	NumberInStation	Average	0.9268
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0472
					Maximum (Ho...	0.1269
					Minimum (Ho...	0.0069
		TMISP210 [Population]	Capacity	ScheduledUtilization	Percent	5.4756
		TMISP210[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.4756
		TMISP210[1].RideStation	Content	NumberInStation	Average	0.0422
					Maximum	2.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0130
					Maximum (Ho...	0.0223
					Minimum (Ho...	0.0070
		TMISP211 [Population]	Capacity	ScheduledUtilization	Percent	4.6647
		TMISP211[1] [Resource]	Capacity	ScheduledUtilization	Percent	4.6647
		TMISP211[1].RideStation	Content	NumberInStation	Average	0.0384
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0142
					Maximum (Ho...	0.0280
					Minimum (Ho...	0.0071
		TMISP212 [Population]	Capacity	ScheduledUtilization	Percent	5.0828
		TMISP212[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.0828
		TMISP212[1].RideStation	Content	NumberInStation	Average	0.0373
					Maximum	2.0000

Figura C3 19: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP212[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0126
					Maximum (Ho...	0.0239
					Minimum (Ho...	0.0068
		TMISP213 [Population]	Capacity	ScheduledUtilization	Percent	0.6245
		TMISP213[1] [Resource]	Capacity	ScheduledUtilization	Percent	0.6245
		TMISP213[1].RideStation	Content	NumberInStation	Average	0.0052
					Maximum	2.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0156
					Maximum (Ho...	0.0209
					Minimum (Ho...	0.0101
		TMISP214 [Population]	Capacity	ScheduledUtilization	Percent	0.9050
		TMISP214[1] [Resource]	Capacity	ScheduledUtilization	Percent	0.9050
		TMISP214[1].RideStation	Content	NumberInStation	Average	0.0085
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0157
					Maximum (Ho...	0.0312
					Minimum (Ho...	0.0075
		TMISP215 [Population]	Capacity	ScheduledUtilization	Percent	0.7342
		TMISP215[1] [Resource]	Capacity	ScheduledUtilization	Percent	0.7342
		TMISP215[1].RideStation	Content	NumberInStation	Average	0.0045
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0108
					Maximum (Ho...	0.0139
					Minimum (Ho...	0.0075
		TMISP22 [Population]	Capacity	ScheduledUtilization	Percent	22.7201
		TMISP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.7201
		TMISP22[1].RideStation	Content	NumberInStation	Average	0.3024

Figura C3 20: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP22[1].RideStation	Content	NumberInStation	Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0214
					Maximum (Ho...	0.0633
					Minimum (Ho...	0.0068
		TMISP23 [Population]	Capacity	ScheduledUtilization	Percent	30.0265
		TMISP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.0265
		TMISP23[1].RideStation	Content	NumberInStation	Average	0.6757
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0347
					Maximum (Ho...	0.0965
					Minimum (Ho...	0.0068
		TMISP24 [Population]	Capacity	ScheduledUtilization	Percent	21.8126
		TMISP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.8126
		TMISP24[1].RideStation	Content	NumberInStation	Average	0.2791
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0206
					Maximum (Ho...	0.0723
					Minimum (Ho...	0.0068
		TMISP25 [Population]	Capacity	ScheduledUtilization	Percent	29.9525
		TMISP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.9525
		TMISP25[1].RideStation	Content	NumberInStation	Average	0.7268
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0373
					Maximum (Ho...	0.1361
					Minimum (Ho...	0.0068
		TMISP26 [Population]	Capacity	ScheduledUtilization	Percent	22.4457
		TMISP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.4457

Figura C3 21: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP26[1].RideStation	Content	NumberInStation	Average	0.3052
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0225
					Maximum (Ho...	0.0731
					Minimum (Ho...	0.0068
		TMISP27 [Population]	Capacity	ScheduledUtilization	Percent	13.7683
		TMISP27[1] [Resource]	Capacity	ScheduledUtilization	Percent	13.7683
		TMISP27[1].RideStation	Content	NumberInStation	Average	0.1272
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0152
					Maximum (Ho...	0.0412
					Minimum (Ho...	0.0069
		TMISP28 [Population]	Capacity	ScheduledUtilization	Percent	14.6793
		TMISP28[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.6793
		TMISP28[1].RideStation	Content	NumberInStation	Average	0.1389
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0159
					Maximum (Ho...	0.0402
					Minimum (Ho...	0.0068
		TMISP29 [Population]	Capacity	ScheduledUtilization	Percent	13.8710
		TMISP29[1] [Resource]	Capacity	ScheduledUtilization	Percent	13.8710
		TMISP29[1].RideStation	Content	NumberInStation	Average	0.1237
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0152
					Maximum (Ho...	0.0388
					Minimum (Ho...	0.0068
		TMISP31 [Population]	Capacity	ScheduledUtilization	Percent	27.7717

Figura C3 22: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP26[1].RideStation	Content	NumberInStation	Average	0.3052
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0225
					Maximum (Ho...	0.0731
					Minimum (Ho...	0.0068
		TMISP27 [Population]	Capacity	ScheduledUtilization	Percent	13.7683
		TMISP27[1] [Resource]	Capacity	ScheduledUtilization	Percent	13.7683
		TMISP27[1].RideStation	Content	NumberInStation	Average	0.1272
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0152
					Maximum (Ho...	0.0412
					Minimum (Ho...	0.0069
		TMISP28 [Population]	Capacity	ScheduledUtilization	Percent	14.6793
		TMISP28[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.6793
		TMISP28[1].RideStation	Content	NumberInStation	Average	0.1389
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0159
					Maximum (Ho...	0.0402
					Minimum (Ho...	0.0068
		TMISP29 [Population]	Capacity	ScheduledUtilization	Percent	13.8710
		TMISP29[1] [Resource]	Capacity	ScheduledUtilization	Percent	13.8710
		TMISP29[1].RideStation	Content	NumberInStation	Average	0.1237
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0152
					Maximum (Ho...	0.0388
					Minimum (Ho...	0.0068
		TMISP31 [Population]	Capacity	ScheduledUtilization	Percent	27.7717

Figura C3 23: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.7717
		TMISP31[1].RideStation	Content	NumberInStation	Average	0.8074
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0459
					Maximum (Ho...	0.0824
					Minimum (Ho...	0.0072
		TMISP310 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP311 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP312 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP313 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP314 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP315 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP32 [Population]	Capacity	ScheduledUtilization	Percent	27.1506
		TMISP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.1506
		TMISP32[1].RideStation	Content	NumberInStation	Average	1.0746
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0601
					Maximum (Ho...	0.1242
					Minimum (Ho...	0.0090
		TMISP33 [Population]	Capacity	ScheduledUtilization	Percent	29.0504
		TMISP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.0504
		TMISP33[1].RideStation	Content	NumberInStation	Average	1.3226
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0715
					Maximum (Ho...	0.1605
					Minimum (Ho...	0.0072
		TMISP34 [Population]	Capacity	ScheduledUtilization	Percent	19.3741

Figura C3 24: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.7717
		TMISP31[1].RideStation	Content	NumberInStation	Average	0.8074
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0459
					Maximum (Ho...	0.0824
					Minimum (Ho...	0.0072
		TMISP310 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP311 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP312 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP313 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP314 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP315 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP32 [Population]	Capacity	ScheduledUtilization	Percent	27.1506
		TMISP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.1506
		TMISP32[1].RideStation	Content	NumberInStation	Average	1.0746
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0601
					Maximum (Ho...	0.1242
					Minimum (Ho...	0.0090
		TMISP33 [Population]	Capacity	ScheduledUtilization	Percent	29.0504
		TMISP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.0504
		TMISP33[1].RideStation	Content	NumberInStation	Average	1.3226
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0715
					Maximum (Ho...	0.1605
					Minimum (Ho...	0.0072
		TMISP34 [Population]	Capacity	ScheduledUtilization	Percent	19.3741

Figura C3 25: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	19.3741
		TMISP34[1].RideStation	Content	NumberInStation	Average	0.3398
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0298
					Maximum (Ho...	0.0538
					Minimum (Ho...	0.0068
		TMISP35 [Population]	Capacity	ScheduledUtilization	Percent	25.9009
		TMISP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.9009
		TMISP35[1].RideStation	Content	NumberInStation	Average	0.8459
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0519
					Maximum (Ho...	0.1026
					Minimum (Ho...	0.0069
		TMISP36 [Population]	Capacity	ScheduledUtilization	Percent	23.0562
		TMISP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.0562
		TMISP36[1].RideStation	Content	NumberInStation	Average	0.8887
					Maximum	15.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0599
					Maximum (Ho...	0.1368
					Minimum (Ho...	0.0073
		TMISP37 [Population]	Capacity	ScheduledUtilization	Percent	16.9268
		TMISP37[1] [Resource]	Capacity	ScheduledUtilization	Percent	16.9268
		TMISP37[1].RideStation	Content	NumberInStation	Average	0.3343
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0326
					Maximum (Ho...	0.0521
					Minimum (Ho...	0.0072

Figura C3 26: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_2_Miscelaneos	TMISP38 [Population]	Capacity	ScheduledUtilization	Percent	22.4925
		TMISP38[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.4925
		TMISP38[1].RideStation	Content	NumberInStation	Average	0.8949
					Maximum	16.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0628
					Maximum (Ho...	0.1423
					Minimum (Ho...	0.0069
		TMISP39 [Population]	Capacity	ScheduledUtilization	Percent	22.3515
		TMISP39[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.3515
		TMISP39[1].RideStation	Content	NumberInStation	Average	1.0466
					Maximum	17.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0720
					Maximum (Ho...	0.1440
					Minimum (Ho...	0.0075
	Torre_1_Miscelaneos	Miscelaneos [Population]	FlowTime	TimeInSystem	Average (Ho...	14.2034
					Maximum (Ho...	20.5370
					Minimum (Ho...	9.1602
		TMISP11 [Population]	Capacity	ScheduledUtilization	Percent	31.5965
		TMISP11[1] [Resource]	Capacity	ScheduledUtilization	Percent	31.5965
		TMISP11[1].RideStation	Content	NumberInStation	Average	0.6804
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0402
					Maximum (Ho...	0.0946
					Minimum (Ho...	0.0069
		TMISP110 [Population]	Capacity	ScheduledUtilization	Percent	14.8691
		TMISP110[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.8691
		TMISP110[1].RideStation	Content	NumberInStation	Average	0.1763

Figura C3 27: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP110[1].RideStation	Content	NumberInStation	Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0344
					Maximum (Ho...	0.0712
					Minimum (Ho...	0.0071
		TMISP111 [Population]	Capacity	ScheduledUtilization	Percent	5.7268
		TMISP111[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.7268
		TMISP111[1].RideStation	Content	NumberInStation	Average	0.0426
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0131
					Maximum (Ho...	0.0319
					Minimum (Ho...	0.0069
		TMISP112 [Population]	Capacity	ScheduledUtilization	Percent	5.3456
		TMISP112[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.3456
		TMISP112[1].RideStation	Content	NumberInStation	Average	0.0422
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0137
					Maximum (Ho...	0.0333
					Minimum (Ho...	0.0068
		TMISP113 [Population]	Capacity	ScheduledUtilization	Percent	9.9265
		TMISP113[1] [Resource]	Capacity	ScheduledUtilization	Percent	9.9265
		TMISP113[1].RideStation	Content	NumberInStation	Average	0.1230
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0405
					Maximum (Ho...	0.0673
					Minimum (Ho...	0.0149
		TMISP114 [Population]	Capacity	ScheduledUtilization	Percent	0.2141
		TMISP114[1] [Resource]	Capacity	ScheduledUtilization	Percent	0.2141

Figura C3 28: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP114[1].RideStation	Content	NumberInStation	Average	0.0013
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0101
					Maximum (Ho...	0.0139
					Minimum (Ho...	0.0076
		TMISP115 [Population]	Capacity	ScheduledUtilization	Percent	0.5736
		TMISP115[1] [Resource]	Capacity	ScheduledUtilization	Percent	0.5736
		TMISP115[1].RideStation	Content	NumberInStation	Average	0.0049
					Maximum	2.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0148
					Maximum (Ho...	0.0232
					Minimum (Ho...	0.0072
		TMISP12 [Population]	Capacity	ScheduledUtilization	Percent	26.8691
		TMISP12[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.8691
		TMISP12[1].RideStation	Content	NumberInStation	Average	0.3555
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0322
					Maximum (Ho...	0.0754
					Minimum (Ho...	0.0073
		TMISP13 [Population]	Capacity	ScheduledUtilization	Percent	30.7875
		TMISP13[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.7875
		TMISP13[1].RideStation	Content	NumberInStation	Average	0.7941
					Maximum	14.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0400
					Maximum (Ho...	0.1189
					Minimum (Ho...	0.0069
		TMISP14 [Population]	Capacity	ScheduledUtilization	Percent	21.2571

Figura C3 29: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP14[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.2571
		TMISP14[1].RideStation	Content	NumberInStation	Average	0.2878
					Maximum	12.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0224
					Maximum (Ho...	0.0874
					Minimum (Ho...	0.0068
		TMISP15 [Population]	Capacity	ScheduledUtilization	Percent	29.5321
		TMISP15[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.5321
		TMISP15[1].RideStation	Content	NumberInStation	Average	0.5582
					Maximum	7.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0296
					Maximum (Ho...	0.0686
					Minimum (Ho...	0.0068
		TMISP16 [Population]	Capacity	ScheduledUtilization	Percent	23.4903
		TMISP16[1] [Resource]	Capacity	ScheduledUtilization	Percent	23.4903
		TMISP16[1].RideStation	Content	NumberInStation	Average	0.2988
					Maximum	9.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0213
					Maximum (Ho...	0.0788
					Minimum (Ho...	0.0069
		TMISP17 [Population]	Capacity	ScheduledUtilization	Percent	22.3814
		TMISP17[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.3814
		TMISP17[1].RideStation	Content	NumberInStation	Average	0.2729
					Maximum	8.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0313
					Maximum (Ho...	0.0731
					Minimum (Ho...	0.0072

Figura C3 30: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP18 [Population]	Capacity	ScheduledUtilization	Percent	14.9181
		TMISP18[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.9181
		TMISP18[1].RideStation	Content	NumberInStation	Average	0.1303
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0150
					Maximum (Ho...	0.0380
					Minimum (Ho...	0.0068
		TMISP19 [Population]	Capacity	ScheduledUtilization	Percent	15.1235
		TMISP19[1] [Resource]	Capacity	ScheduledUtilization	Percent	15.1235
		TMISP19[1].RideStation	Content	NumberInStation	Average	0.1464
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0163
					Maximum (Ho...	0.0549
					Minimum (Ho...	0.0068
		TMISP21 [Population]	Capacity	ScheduledUtilization	Percent	30.1565
		TMISP21[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.1565
		TMISP21[1].RideStation	Content	NumberInStation	Average	0.7449
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0388
					Maximum (Ho...	0.1072
					Minimum (Ho...	0.0068
		TMISP210 [Population]	Capacity	ScheduledUtilization	Percent	5.3578
		TMISP210[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.3578
		TMISP210[1].RideStation	Content	NumberInStation	Average	0.0404
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0131
					Maximum (Ho...	0.0240

Figura C3 31: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP210[1].RideStation	HoldingTime	TimeInStation	Minimum (Ho...	0.0069
		TMISP211 [Population]	Capacity	ScheduledUtilization	Percent	6.5770
		TMISP211[1] [Resource]	Capacity	ScheduledUtilization	Percent	6.5770
		TMISP211[1].RideStation	Content	NumberInStation	Average	0.0493
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0129
					Maximum (Ho...	0.0301
					Minimum (Ho...	0.0068
		TMISP212 [Population]	Capacity	ScheduledUtilization	Percent	5.2802
		TMISP212[1] [Resource]	Capacity	ScheduledUtilization	Percent	5.2802
		TMISP212[1].RideStation	Content	NumberInStation	Average	0.0491
					Maximum	4.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0157
					Maximum (Ho...	0.0414
					Minimum (Ho...	0.0070
		TMISP213 [Population]	Capacity	ScheduledUtilization	Percent	0.5523
		TMISP213[1] [Resource]	Capacity	ScheduledUtilization	Percent	0.5523
		TMISP213[1].RideStation	Content	NumberInStation	Average	0.0033
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0114
					Maximum (Ho...	0.0149
					Minimum (Ho...	0.0088
		TMISP214 [Population]	Capacity	ScheduledUtilization	Percent	0.6610
		TMISP214[1] [Resource]	Capacity	ScheduledUtilization	Percent	0.6610
		TMISP214[1].RideStation	Content	NumberInStation	Average	0.0040
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0119

Figura C3 32: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP214[1].RideStation	HoldingTime	TimeInStation	Maximum (Ho...	0.0147
					Minimum (Ho...	0.0093
		TMISP215 [Population]	Capacity	ScheduledUtilization	Percent	0.5730
		TMISP215[1] [Resource]	Capacity	ScheduledUtilization	Percent	0.5730
		TMISP215[1].RideStation	Content	NumberInStation	Average	0.0032
					Maximum	1.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0111
					Maximum (Ho...	0.0135
					Minimum (Ho...	0.0077
		TMISP22 [Population]	Capacity	ScheduledUtilization	Percent	21.6080
		TMISP22[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.6080
		TMISP22[1].RideStation	Content	NumberInStation	Average	0.3215
					Maximum	12.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0237
					Maximum (Ho...	0.0904
					Minimum (Ho...	0.0069
		TMISP23 [Population]	Capacity	ScheduledUtilization	Percent	29.6666
		TMISP23[1] [Resource]	Capacity	ScheduledUtilization	Percent	29.6666
		TMISP23[1].RideStation	Content	NumberInStation	Average	0.5070
					Maximum	6.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0270
					Maximum (Ho...	0.0609
					Minimum (Ho...	0.0068
		TMISP24 [Population]	Capacity	ScheduledUtilization	Percent	22.8318
		TMISP24[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.8318
		TMISP24[1].RideStation	Content	NumberInStation	Average	0.2927
					Maximum	5.0000

Figura C3 33: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP24[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0207
					Maximum (Ho...	0.0469
					Minimum (Ho...	0.0068
		TMISP25 [Population]	Capacity	ScheduledUtilization	Percent	30.9159
		TMISP25[1] [Resource]	Capacity	ScheduledUtilization	Percent	30.9159
		TMISP25[1].RideStation	Content	NumberInStation	Average	0.9596
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0484
					Maximum (Ho...	0.1049
					Minimum (Ho...	0.0068
		TMISP26 [Population]	Capacity	ScheduledUtilization	Percent	22.0954
		TMISP26[1] [Resource]	Capacity	ScheduledUtilization	Percent	22.0954
		TMISP26[1].RideStation	Content	NumberInStation	Average	0.3443
					Maximum	13.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0257
					Maximum (Ho...	0.1082
					Minimum (Ho...	0.0068
		TMISP27 [Population]	Capacity	ScheduledUtilization	Percent	14.5740
		TMISP27[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.5740
		TMISP27[1].RideStation	Content	NumberInStation	Average	0.1186
					Maximum	3.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0142
					Maximum (Ho...	0.0334
					Minimum (Ho...	0.0068
		TMISP28 [Population]	Capacity	ScheduledUtilization	Percent	14.5197
		TMISP28[1] [Resource]	Capacity	ScheduledUtilization	Percent	14.5197
		TMISP28[1].RideStation	Content	NumberInStation	Average	0.1267

Figura C3 34: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP28[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0148
					Maximum (Ho...	0.0304
					Minimum (Ho...	0.0069
		TMISP29 [Population]	Capacity	ScheduledUtilization	Percent	13.3938
		TMISP29[1] [Resource]	Capacity	ScheduledUtilization	Percent	13.3938
		TMISP29[1].RideStation	Content	NumberInStation	Average	0.1235
					Maximum	5.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0154
					Maximum (Ho...	0.0458
					Minimum (Ho...	0.0070
		TMISP31 [Population]	Capacity	ScheduledUtilization	Percent	26.8014
		TMISP31[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.8014
		TMISP31[1].RideStation	Content	NumberInStation	Average	0.9834
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0577
					Maximum (Ho...	0.1536
					Minimum (Ho...	0.0068
		TMISP310 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP311 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP312 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP313 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP314 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP315 [Population]	Capacity	ScheduledUtilization	Percent	0.0000
		TMISP32 [Population]	Capacity	ScheduledUtilization	Percent	21.0624
		TMISP32[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.0624
		TMISP32[1].RideStation	Content	NumberInStation	Average	0.5456
					Maximum	9.0000

Figura C3 35: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP32[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0428
					Maximum (Ho...	0.0872
					Minimum (Ho...	0.0068
		TMISP33 [Population]	Capacity	ScheduledUtilization	Percent	27.1770
		TMISP33[1] [Resource]	Capacity	ScheduledUtilization	Percent	27.1770
		TMISP33[1].RideStation	Content	NumberInStation	Average	0.8833
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0506
					Maximum (Ho...	0.0886
					Minimum (Ho...	0.0069
		TMISP34 [Population]	Capacity	ScheduledUtilization	Percent	25.1511
		TMISP34[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.1511
		TMISP34[1].RideStation	Content	NumberInStation	Average	0.9064
					Maximum	11.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0564
					Maximum (Ho...	0.0968
					Minimum (Ho...	0.0074
		TMISP35 [Population]	Capacity	ScheduledUtilization	Percent	26.7491
		TMISP35[1] [Resource]	Capacity	ScheduledUtilization	Percent	26.7491
		TMISP35[1].RideStation	Content	NumberInStation	Average	0.7742
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0466
					Maximum (Ho...	0.0914
					Minimum (Ho...	0.0071
		TMISP36 [Population]	Capacity	ScheduledUtilization	Percent	25.3064
		TMISP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.3064
		TMISP36[1].RideStation	Content	NumberInStation	Average	1.1866

Figura C3 36: Resultados del escenario 3

Fuente: Elaboración propia

Object Type	Object Name	Data Source	Category	Data Item	Statistic	Average Total
Model	Torre_1_Miscelaneos	TMISP35[1].RideStation	HoldingTime	TimeInStation	Average (Ho...	0.0466
					Maximum (Ho...	0.0914
					Minimum (Ho...	0.0071
		TMISP36 [Population]	Capacity	ScheduledUtilization	Percent	25.3064
		TMISP36[1] [Resource]	Capacity	ScheduledUtilization	Percent	25.3064
		TMISP36[1].RideStation	Content	NumberInStation	Average	1.1866
					Maximum	19.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0742
					Maximum (Ho...	0.1532
					Minimum (Ho...	0.0075
		TMISP37 [Population]	Capacity	ScheduledUtilization	Percent	21.6384
		TMISP37[1] [Resource]	Capacity	ScheduledUtilization	Percent	21.6384
		TMISP37[1].RideStation	Content	NumberInStation	Average	0.7419
					Maximum	12.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0531
					Maximum (Ho...	0.1005
					Minimum (Ho...	0.0083
		TMISP38 [Population]	Capacity	ScheduledUtilization	Percent	18.4170
		TMISP38[1] [Resource]	Capacity	ScheduledUtilization	Percent	18.4170
		TMISP38[1].RideStation	Content	NumberInStation	Average	0.5220
					Maximum	10.0000
			HoldingTime	TimeInStation	Average (Ho...	0.0438
					Maximum (Ho...	0.0893
					Minimum (Ho...	0.0071
		TMISP39 [Population]	Capacity	ScheduledUtilization	Percent	18.6427
		TMISP39[1] [Resource]	Capacity	ScheduledUtilization	Percent	18.6427
		TMISP39[1].RideStation	Content	NumberInStation	Average	0.4729

Figura C3 37: Resultados del escenario 3

Fuente: Elaboración propia