

Values Across All Replications

Simulazione Carrefour Umbertide Migliorato

Replications: 100      Time Units: Minutes

Key Performance Indicators

System	Average
Number Out	100

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Entity

Time

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	10.9772	0,19	8.6181	13.5363	0.08714982	77.58
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	0.00	0,00	0.00	0.00	0.00	0.00
Wait Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	2.8283	0,27	0.6513	7.7623	0.00	47.16
Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	0.00	0,00	0.00	0.00	0.00	0.00
Other Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	0.00	0,00	0.00	0.00	0.00	0.00
Total Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	13.8056	0,37	9.4126	19.2663	0.08714982	77.83

Other

Number In	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	100.21	1,99	80.0000	124.00		
Number Out	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	99.76	1,99	75.0000	124.00		
WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	5.7790	0,22	3.5530	9.3617	0.00	24.00

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Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cassa 1.Queue	2.1186	0,34	0.1237	11.0699	0.00	32.52
Cassa 2.Queue	2.3086	0,41	0.1173	10.3048	0.00	41.96
Cassa 3.Queue	1.7880	0,25	0.03075902	6.5212	0.00	26.11
Gastronomia.Queue	1.9943	0,33	0.07910818	9.7226	0.00	32.66

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cassa 1.Queue	0.3011	0,06	0.01545946	1.9912	0.00	9.00
Cassa 2.Queue	0.3537	0,07	0.01124140	1.9731	0.00	9.00
Cassa 3.Queue	0.2619	0,04	0.01640380	1.1702	0.00	7.00
Gastronomia.Queue	0.2927	0,06	0.00758120	1.7063	0.00	8.00

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Resource

Usage

Instantaneous Utilization						
	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Addetto 1	0.4085	0,02	0.1916	0.7012	0.00	1.00
Cassiere 1	0.4128	0,02	0.2259	0.7239	0.00	1.00
Cassiere 2	0.4259	0,02	0.2080	0.7401	0.00	1.00
Cassiere 3	0.4098	0,02	0.1789	0.6284	0.00	1.00
Number Busy						
	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Addetto 1	0.4085	0,02	0.1916	0.7012	0.00	1.00
Cassiere 1	0.4128	0,02	0.2259	0.7239	0.00	1.00
Cassiere 2	0.4259	0,02	0.2080	0.7401	0.00	1.00
Cassiere 3	0.4098	0,02	0.1789	0.6284	0.00	1.00
Number Scheduled						
	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Addetto 1	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Cassiere 1	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Cassiere 2	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Cassiere 3	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Scheduled Utilization						
	Average	Half Width	Minimum Average	Maximum Average		
Addetto 1	0.4085	0,02	0.1916	0.7012		
Cassiere 1	0.4128	0,02	0.2259	0.7239		
Cassiere 2	0.4259	0,02	0.2080	0.7401		
Cassiere 3	0.4098	0,02	0.1789	0.6284		



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Resource

Usage

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Addetto 1	32.8000	1,27	20.0000	51.0000
Cassiere 1	32.6800	1,06	19.0000	50.0000
Cassiere 2	34.0400	1,30	22.0000	53.0000
Cassiere 3	33.0200	1,09	19.0000	44.0000

