Simulazione Conad Mercatale Migliorato

Replications: 100 Time Units: Minutes

Key Performance Indicators

System Average
Number Out 100

Model Filename: C:\Users\NicolòVescera\Documents\simulazione\modello_simulazione_conad_migliora

Page

Category Overview

Values Across All Replications

Simulazione Conad Mercatale Migliorato

Replications: 100 Time Units: Minutes

Entity

_		
	m	\mathbf{a}

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
Cliente	10.9772	0,19	8.6181	13.5363	0.08714982	77.58
Olicitic	10.3112	0,13	0.0101	13.3303	0.007 14302	77.50
NVA Time			Minimum	Maximum	Minimum	Maxim
	Average	Half Width	Average	Average	Value	Va
Cliente	0.00	0,00	0.00	0.00	0.00	0.
Wait Time			Minimum	Maximum	Minimum	Maxim
	Average	Half Width	Average	Average	Value	Va
Cliente	2.8283	0,27	0.6513	7.7623	0.00	47.16
Transfer Time			Minimum	Maximum	Minimum	Maxim
	Average	Half Width	Average	Average	Value	Va
Cliente	0.00	0,00	0.00	0.00	0.00	0.
Other Time			Minimum	Maximum	Minimum	Maxim
	Average	Half Width	Average	Average	Value	Va
Cliente	0.00	0,00	0.00	0.00	0.00	0.
Total Time			Minimum	Maximum	Minimum	Maxim
	Average	Half Width	Average	Average	Value	Va
Cliente	13.8056	0,37	9.4126	19.2663	0.08714982	77.83
Other						
Number In			Minimum	Maximum		
rambor m	Average	Half Width	Average	Average		
Cliente	100.21	1,99	80.0000	124.00		
Number Out			Minimum	Maximum		
	Average	Half Width	Average	Average		
Cliente	99.76	1,99	75.0000	124.00		
WIP			Minimum	Maximum	Minimum	Maxim
	Average	Half Width	Average	Average	Value	Va
Cliente	5.7790	0,22	3.5530	9.3617	0.00	24.00

Simulazione Conad Mercatale Migliorato

100 Replications: Time Units: Minutes

Queue

Time

Cassa 3.Queue

Gastronomia.Queue

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
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	Maxim Va
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

0,04

0,06

0.01640380

0.00758120

1.1702

1.7063

0.00

0.00

7.00

8.00

0.2619

0.2927

Simulazione Conad Mercatale Migliorato

Replications: 100 Time Units: Minutes

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
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	Maxim Va
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	Maxim Va
Addetto 1	1.0000	0,00	1.0000	1.0000	1.0000	1.00
						1.00
Cassiere 1	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Cassiere 1 Cassiere 2	1.0000 1.0000	0,00 0,00	1.0000 1.0000	1.0000 1.0000	1.0000 1.0000	1.00
		·				
Cassiere 2	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Cassiere 2 Cassiere 3	1.0000 1.0000	0,00 0,00	1.0000 1.0000 Minimum	1.0000 1.0000 Maximum	1.0000	1.00
Cassiere 2 Cassiere 3 Scheduled Utilization	1.0000 1.0000 Average	0,00 0,00 Half Width	1.0000 1.0000 Minimum Average	1.0000 1.0000 Maximum Average	1.0000	1.00
Cassiere 2 Cassiere 3 Scheduled Utilization Addetto 1	1.0000 1.0000 Average 0.4085	0,00 0,00 Half Width 0,02	1.0000 1.0000 Minimum Average 0.1916	1.0000 1.0000 Maximum Average 0.7012	1.0000	1.00



Addetto 1Cassiere 1Cassiere 2Cassiere 3

Simulazione Conad Mercatale Migliorato

Replications: 100 Time Units: Minutes

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	

