Unnamed Project

5 Hours Replications: Time Units:

Key Performance Indicators

System Average 466

Number Out

Model Filename: \\Mac\Home\Documents\Arena Trabalho\Trabalho EES

Unnamed Project

Replications: 5 Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Clientess	0.3284	0,02	0.3114	0.3467	0.08333333	1.3967
Empregadoss	0.6854	0,60	0.00	1.2235	0.00	2.0255
Massas	0.4479	0,00	0.4436	0.4516	0.3606	0.5459
Pedidoss	0.00	0,00	0.00	0.00	0.00	0.00
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Clientess	0.00	0,00	0.00	0.00	0.00	0.00
Empregadoss	0.00	0,00	0.00	0.00	0.00	0.00
Massas	0.00	0,00	0.00	0.00	0.00	0.00
Pedidoss	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
Clientess	0.1157	0,04	0.07836233	0.1620	0.00	1.2451
Empregadoss	6.1956	4,42	0.00	8.5944	0.00	8.6533
Massas	0.5285	0,28	0.3396	0.9062	0.00245349	2.8681
Pedidoss	0.00	0,00	0.00	0.00	0.00	0.00
Transfer Time			Minimum	Maximum	Minimum	Maximum
Transier fillie	Average	Half Width	Average	Average	Value	Value
Clientess	Average 0.5464	Half Width 0,01				
			Average	Average	Value	Value
Clientess	0.5464	0,01	Average 0.5315	Average 0.5575	Value 0.05458482	3.0415
Clientess Empregadoss	0.5464 0.8432	0,01 1,05	0.5315 0.00	0.5575 2.2230	Value 0.05458482 0.00	3.0415 3.9323
Clientess Empregadoss Massas	0.5464 0.8432 0.00	0,01 1,05 0,00	0.5315 0.00 0.00	0.5575 2.2230 0.00	Value 0.05458482 0.00 0.00	3.0415 3.9323 0.00
Clientess Empregadoss Massas Pedidoss	0.5464 0.8432 0.00 0.00	0,01 1,05 0,00 0,00	0.5315 0.00 0.00 0.00 Minimum	0.5575 2.2230 0.00 0.00 Maximum	Value 0.05458482 0.00 0.00 0.00 Minimum	3.0415 3.9323 0.00 0.00 Maximum
Clientess Empregadoss Massas Pedidoss Other Time	0.5464 0.8432 0.00 0.00	0,01 1,05 0,00 0,00 Half Width	0.5315 0.00 0.00 0.00 Minimum Average	0.5575 2.2230 0.00 0.00 Maximum Average	Value 0.05458482 0.00 0.00 0.00 Minimum Value	3.0415 3.9323 0.00 0.00 Maximum Value
Clientess Empregadoss Massas Pedidoss Other Time Clientess	0.5464 0.8432 0.00 0.00 Average 0.2439	0,01 1,05 0,00 0,00 Half Width	0.5315 0.00 0.00 0.00 Minimum Average 0.2358	0.5575 2.2230 0.00 0.00 Maximum Average 0.2545	Value 0.05458482 0.00 0.00 0.00 Minimum Value 0.00	Value 3.0415 3.9323 0.00 0.00 Maximum Value 2.3151
Clientess Empregadoss Massas Pedidoss Other Time Clientess Empregadoss	0.5464 0.8432 0.00 0.00 Average 0.2439 0.3846	0,01 1,05 0,00 0,00 Half Width 0,01 0,33	0.5315 0.00 0.00 0.00 Minimum Average 0.2358 0.00	Average 0.5575 2.2230 0.00 0.00 Maximum Average 0.2545 0.6980	Value 0.05458482 0.00 0.00 0.00 Minimum Value 0.00 0.00	Value 3.0415 3.9323 0.00 0.00 Maximum Value 2.3151 1.2201
Clientess Empregadoss Massas Pedidoss Other Time Clientess Empregadoss Massas	0.5464 0.8432 0.00 0.00 Average 0.2439 0.3846 0.00	0,01 1,05 0,00 0,00 Half Width 0,01 0,33 0,00	Average 0.5315 0.00 0.00 0.00 Minimum Average 0.2358 0.00 0.00	Average 0.5575 2.2230 0.00 0.00 Maximum Average 0.2545 0.6980 0.00	Value 0.05458482 0.00 0.00 0.00 Minimum Value 0.00 0.00 0.00	Value 3.0415 3.9323 0.00 0.00 Maximum Value 2.3151 1.2201 0.00 0.00 Maximum Value
Clientess Empregadoss Massas Pedidoss Other Time Clientess Empregadoss Massas Pedidoss Total Time Clientess	0.5464 0.8432 0.00 0.00 Average 0.2439 0.3846 0.00 0.00	0,01 1,05 0,00 0,00 Half Width 0,01 0,33 0,00 0,00	Average 0.5315 0.00 0.00 0.00 Minimum Average 0.2358 0.00 0.00 0.00 Minimum	Average 0.5575 2.2230 0.00 0.00 Maximum Average 0.2545 0.6980 0.00 0.00 Maximum	Value 0.05458482 0.00 0.00 0.00 Minimum Value 0.00 0.00 0.00 0.00 Minimum	Value 3.0415 3.9323 0.00 0.00 Maximum Value 2.3151 1.2201 0.00 0.00 Maximum
Clientess Empregadoss Massas Pedidoss Other Time Clientess Empregadoss Massas Pedidoss Total Time	0.5464 0.8432 0.00 0.00 Average 0.2439 0.3846 0.00 0.00	0,01 1,05 0,00 0,00 Half Width 0,01 0,33 0,00 0,00 Half Width	Average 0.5315 0.00 0.00 0.00 Minimum Average 0.2358 0.00 0.00 0.00 Minimum Average	Average 0.5575 2.2230 0.00 0.00 Maximum Average 0.2545 0.6980 0.00 0.00 Maximum Average	Value 0.05458482	Value 3.0415 3.9323 0.00 0.00 Maximum Value 2.3151 1.2201 0.00 0.00 Maximum Value
Clientess Empregadoss Massas Pedidoss Other Time Clientess Empregadoss Massas Pedidoss Total Time Clientess	0.5464 0.8432 0.00 0.00 Average 0.2439 0.3846 0.00 0.00 Average 1.2344	0,01 1,05 0,00 0,00 Half Width 0,01 0,33 0,00 0,00 Half Width	Average 0.5315 0.00 0.00 0.00 Minimum Average 0.2358 0.00 0.00 0.00 Minimum Average 1.1985	Average 0.5575 2.2230 0.00 0.00 Maximum Average 0.2545 0.6980 0.00 0.00 Maximum Average 1.3020	Value 0.05458482 0.00 0.00 0.00 Minimum Value 0.00 0.00 0.00 0.00 Minimum Value 0.1475	Value 3.0415 3.9323 0.00 0.00 Maximum Value 2.3151 1.2201 0.00 0.00 Maximum Value 5.7313
Clientess Empregadoss Massas Pedidoss Other Time Clientess Empregadoss Massas Pedidoss Total Time Clientess Empregadoss	0.5464 0.8432 0.00 0.00 Average 0.2439 0.3846 0.00 0.00 Average 1.2344 8.1088	0,01 1,05 0,00 0,00 Half Width 0,01 0,33 0,00 0,00 Half Width 0,05 5,74	Average 0.5315 0.00 0.00 0.00 Minimum Average 0.2358 0.00 0.00 0.00 Minimum Average 1.1985 0.00	Average 0.5575 2.2230 0.00 0.00 Maximum Average 0.2545 0.6980 0.00 0.00 Maximum Average 1.3020 10.8364	Value 0.05458482 0.00 0.00 0.00 Minimum Value 0.00 0.00 0.00 0.00 Minimum Value 0.1475 0.00	Value 3.0415 3.9323 0.00 0.00 Maximum Value 2.3151 1.2201 0.00 0.00 Maximum Value 5.7313 11.8682

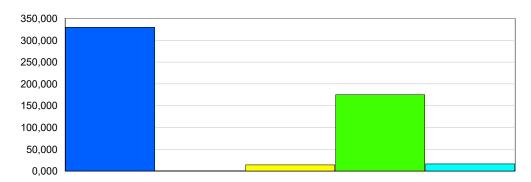
Unnamed Project

Replications: 5 Time Units: Hours

Entity

Other

Number In	Average	Half Width	Minimum Average	Maximum Average
Clientess	329.60	28,07	294.00	349.00
Empregadoo	0.00	0,00	0.00	0.00
Empregadoss	14.0000	0,00	14.0000	14.0000
Massas	175.00	0,00	175.00	175.00
Pedidoss	16.0000	4,89	11.0000	22.0000



■ Clientess ■ Empregadoo □ Empregadoss
■ Massas ■ Pedidoss

Number Out	Average	Half Width	Minimum Average	Maximum Average		
Clientess	292.00	22,12	270.00	311.00		
Empregadoo	0.00	0,00	0.00	0.00		
Empregadoss	1.2000	1,04	0.00	2.0000		
Massas	156.40	9,48	145.00	162.00		
Pedidoss	16.0000	4,89	11.0000	22.0000		
WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
WIP	Average 33.2540	Half Width 4,14				
			Average	Average	Value	Value
Clientess	33.2540	4,14	Average 28.3951	Average 36.4667	Value 0.00	57.0000
Clientess Empregadoo	33.2540 0.00	4,14 0,00	Average 28.3951 0.00	Average 36.4667 0.00	0.00 0.00	57.0000 0.00

Unnamed Project

Replications: 5 Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Balcao do Apoio cliente.Queue	0.1019	0,06	0.03014031	0.1432	0.00	0.4666
Caixa com atendente.Queue	0.1224	0,06	0.06690861	0.1996	0.00	0.7728
Caixa SeltService.Queue	0.04118369	0,03	0.01800503	0.07811221	0.00	0.4891
Cozer o pao.Queue	0.00027804	0,00	0.00009042	0.00051473	0.00	0.03980334
Entrega Pedido.Queue	0.01145454	0,01	0.00	0.01892744	0.00	0.1145
Estante do pao.Queue	0.4303	0,28	0.2403	0.8080	0.00082339	2.8153
Fazer o pao.Queue	0.0982	0,00	0.0955	0.0999	0.00	0.2418
Pegar na cesta.Queue	0.00604976	0,01	0.00	0.01509547	0.00	0.2289
Pegar no carrinho.Queue	0.00002593	0,00	0.00	0.00012965	0.00	0.01918865
Peixaria.Queue	0.02893414	0,02	0.01134058	0.04602096	0.00	0.3286
Sala de espera dos empregados.Queue	3.3695	0,79	2.3833	4.1051	0.5000	7.6296
Talho.Queue	0.06656269	0,02	0.03457127	0.08634416	0.00	0.3793

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Balcao do Apoio cliente.Queue	0.3160	0,20	0.06781570	0.5075	0.00	3.0000
Caixa com atendente.Queue	1.3683	0,89	0.5408	2.1957	0.00	14.0000
Caixa SeltService.Queue	0.6058	0,47	0.2516	1.0415	0.00	10.0000
Cozer o pao.Queue	0.00389260	0,00	0.00126592	0.00720622	0.00	1.0000
Entrega Pedido.Queue	0.01219572	0,01	0.00	0.02336326	0.00	1.0000
Estante do pao.Queue	5.8337	3,82	3.2503	10.9963	0.00	21.0000
Fazer o pao.Queue	1.3823	0,03	1.3451	1.4073	0.00	6.0000
Pegar na cesta.Queue	0.08122097	0,13	0.00	0.2201	0.00	5.0000
Pegar no carrinho.Queue	0.00031981	0,00	0.00	0.00159905	0.00	1.0000
Peixaria.Queue	0.6023	0,41	0.1853	0.9751	0.00	10.0000
Sala de espera dos empregados.Queue	4.9078	0,52	4.4182	5.3501	0.00	13.0000
Talho.Queue	0.4223	0,19	0.1700	0.5625	0.00	4.0000

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of

Unnamed Project

Replications: 5 Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
AtendenteCaixa	0.7596	0,12	0.6065	0.8372	0.00	1.0000
AtendenteDoApoioCliente	0.4922	0,12	0.3408	0.5926	0.00	1.0000
AtendentePeixaria	0.6642	0,09	0.5435	0.7218	0.00	1.0000
AtendenteTalho	0.6064	0,09	0.4913	0.6759	0.00	1.0000
CaixaSelfService	0.6656	0,08	0.5944	0.7622	0.00	1.0000
Carrinho	0.5763	0,14	0.3944	0.6922	0.00	1.0000
Cesta	0.6056	0,08	0.5420	0.7129	0.00	1.0000
Entregador	0.1250	0,04	0.1069	0.1871	0.00	1.0000
LugarForno	0.8258	0,01	0.8185	0.8329	0.00	1.0000
Padeiro	0.4636	0,01	0.4580	0.4690	0.00	1.0000
Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
AtendenteCaixa	2.2789	0,37	1.8194	2.5115	0.00	3.0000
AtendenteDoApoioCliente	0.4922	0,12	0.3408	0.5926	0.00	1.0000
AtendentePeixaria	1.9925	0,26	1.6304	2.1655	0.00	3.0000
AtendenteTalho	0.6064	0,09	0.4913	0.6759	0.00	1.0000
CaixaSelfService	2.6624	0,33	2.3778	3.0489	0.00	4.0000
Carrinho	14.4079	3,50	9.8593	17.3056	0.00	25.0000
Cesta	15.1400	2,01	13.5490	17.8221	0.00	25.0000
Entregador	0.1250	0,04	0.1069	0.1871	0.00	1.0000
LugarForno	5.7805	0,04	5.7293	5.8306	0.00	7.0000
Padeiro	0.4636	0,01	0.4580	0.4690	0.00	1.0000
Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
AtendenteCaixa	3.0000	0,00	3.0000	3.0000	3.0000	3.0000
AtendenteDoApoioCliente	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
AtendentePeixaria	3.0000	0,00	3.0000	3.0000	3.0000	3.0000
AtendenteTalho	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
CaixaSelfService	4.0000	0,00	4.0000	4.0000	4.0000	4.0000
Carrinho	25.0000	0,00	25.0000	25.0000	25.0000	25.0000
Cesta	25.0000	0,00	25.0000	25.0000	25.0000	25.0000
Entregador	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
LugarForno	7.0000	0,00	7.0000	7.0000	7.0000	7.0000
Padeiro	1.0000	0,00	1.0000	1.0000	1.0000	1.0000

of

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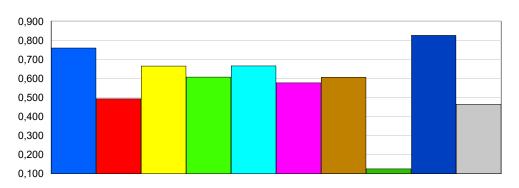
Unnamed Project

Replications: 5 Time Units: Hours

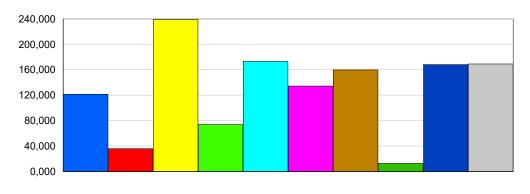
Resource

Usage

Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average
AtendenteCaixa	0.7596	0,12	0.6065	0.8372
AtendenteDoApoioCliente	0.4922	0,12	0.3408	0.5926
AtendentePeixaria	0.6642	0,09	0.5435	0.7218
AtendenteTalho	0.6064	0,09	0.4913	0.6759
CaixaSelfService	0.6656	0,08	0.5944	0.7622
Carrinho	0.5763	0,14	0.3944	0.6922
Cesta	0.6056	0,08	0.5420	0.7129
Entregador	0.1250	0,04	0.1069	0.1871
LugarForno	0.8258	0,01	0.8185	0.8329
Padeiro	0.4636	0,01	0.4580	0.4690



Average	Half Width	Minimum Average	Maximum Average
121.20	18,17	97.0000	133.00
35.6000	7,22	27.0000	43.0000
239.00	31,47	194.00	253.00
73.6000	10,52	59.0000	80.0000
173.20	14,62	160.00	188.00
134.40	24,79	102.00	148.00
159.80	14,33	145.00	175.00
12.4000	3,98	10.0000	18.0000
168.00	0,00	168.00	168.00
169.00	0,00	169.00	169.00
	121.20 35.6000 239.00 73.6000 173.20 134.40 159.80 12.4000 168.00	121.20 18,17 35.6000 7,22 239.00 31,47 73.6000 10,52 173.20 14,62 134.40 24,79 159.80 14,33 12.4000 3,98 168.00 0,00	Average Half Width Average 121.20 18,17 97.0000 35.6000 7,22 27.0000 239.00 31,47 194.00 73.6000 10,52 59.0000 173.20 14,62 160.00 134.40 24,79 102.00 159.80 14,33 145.00 12.4000 3,98 10.0000 168.00 0,00 168.00



■ AtendenteCaixa
■ AtendenteDoApoioCliente
□ AtendentePeixaria
■ AtendenteTalho
□ CaixaSelfService
□ Carrinho
□ Cesta
■ Entregador
□ LugarForno
□ Padeiro

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