11:54:48AM Category Overview March 31, 2018

Values Across All Replications

Exercice 3

Replications: 5 Time Units: Minutes

Key Performance Indicators

System Average
Number Out 1,000

 ${\tt Model Filename: C:\Users\Benjamin\Documents\Divers\Documents\Ecoles\UQAC\workspace\TP3-Opti\Endowners\Documents\Divers\Documents\Do$

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Category Overview

Values Across All Replications

Exercice 3

Replications: 5 Time Units: Minutes

Entity

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VA Time	Average	Half Width	Minimum	Maximum	Minimum	Maximum
	Average		Average	Average	Value	Value
Item	59.8048	0.16	59.6629	59.9605	31.3988	94.7333
NVA Time			Minimum	Maximum	Minimum	Maximum
	Average	Half Width	Average	Average	Value	Value
Item	0.00	0.00	0.00	0.00	0.00	0.00
Wait Time			Minimum	Maximum	Minimum	Maximum
	Average	Half Width	Average	Average	Value	Value
Item	304.69	118.85	190.80	434.70	0.00	884.34
Transfer Time			Minimum	Maximum	Minimum	Maximum
	Average	Half Width	Average	Average	Value	Value
Item	0.00	0.00	0.00	0.00	0.00	0.00
Other Time			Minimum	Maximum	Minimum	Maximum
	Average	Half Width	Average	Average	Value	Value
Item	0.00	0.00	0.00	0.00	0.00	0.00
Total Time			Minimum	Maximum	Minimum	Maximum
	Average	Half Width	Average	Average	Value	Value
Item	364.49	118.77	250.58	494.40	42.8096	935.79
Other						
Number In			Minimum	Maximum		
Training of III	Average	Half Width	Average	Average		
Item	1000.00	0.00	1000.00	1000.00		
Number Out			Minimum	Maximum		
	Average	Half Width	Average	Average		
Item	1000.00	0.00	1000.00	1000.00		
WIP			Minimum	Maximum	Minimum	Maximum
	Average	Half Width	Average	Average	Value	Value
Item	17.6563	5.81	12.0822	24.0204	0.00	47.0000

Category Overview 11:54:48AM March 31, 2018

Values Across All Replications

Exercice 3

Replications: 5 Minutes Time Units:

Queue

Time

Waiting Time

walang rime	Average	Half Width	Average	Average	Value	Value
Machine Atelier 1.Queue	202.86	89.27	109.23	256.78	0.00	668.80
Machine Atelier 2.Queue	75.4065	56.91	34.2294	154.25	0.00	394.87
Machine Atelier 3.Queue	26.4226	6.91	20.1169	34.9335	0.00	140.03
Other						
Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Machine Atelier 1.Queue	9.8215	4.32	5.2665	12.4757	0.00	35.0000
Machine Atelier 2.Queue	3.6585	2.77	1.6321	7.4943	0.00	20.0000
Machine Atelier 3.Queue	1.2806	0.35	0.9700	1.7081	0.00	8.0000

Minimum

Maximum

Minimum

Maximum

Values Across All Replications

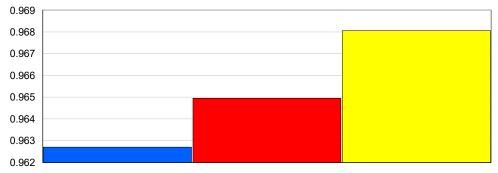
Exercice 3

Replications: 5 Time Units: Minutes

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Machine	0.9627	0.01	0.9493	0.9775	0.00	1.0000
Machine 2	0.9650	0.02	0.9430	0.9748	0.00	1.0000
Machine 3	0.9681	0.01	0.9533	0.9753	0.00	1.0000
Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Machine	0.9627	0.01	0.9493	0.9775	0.00	1.0000
Machine 2	0.9650	0.02	0.9430	0.9748	0.00	1.0000
Machine 3	0.9681	0.01	0.9533	0.9753	0.00	1.0000
Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Machine	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Machine 2	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Machine 3	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average		
Machine	0.9627	0.01	0.9493	0.9775		
Machine 2	0.9650	0.02	0.9430	0.9748		
Machine 3	0.9681	0.01	0.9533	0.9753		



Machine
Machine 2
Machine 3

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Values Across All Replications

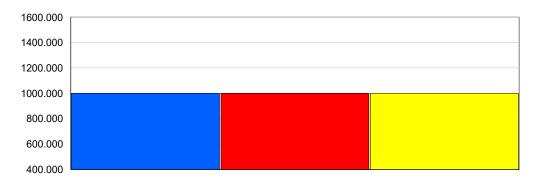
Exercice 3

Replications: 5 Time Units: Minutes

Resource

Usage

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Machine	1000.00	0.00	1000.00	1000.00
Machine 2	1000.00	0.00	1000.00	1000.00
Machine 3	1000.00	0.00	1000.00	1000.00





User Specified

Tally

Between	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Processing Time Item	20.6087	0.26	20.3886	20.9280	12.5377	109.12