9:07:18PM Category Overview March 24, 2018

Values Across All Replications

Exercice 3

Replications: 5 Time Units: Minutes

**Key Performance Indicators** 

System Average
Number Out 1,000

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

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Values Across All Replications

#### Exercice 3

Replications: 5 Time Units: Minutes

Queue

#### **Time**

Waiting Time

waiting fillie	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

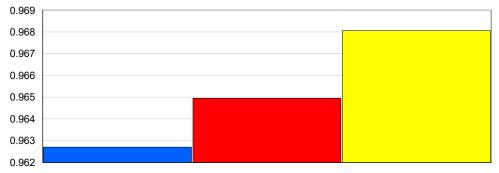
# Exercice 3

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		





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Values Across All Replications

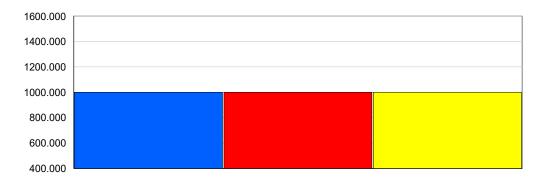
## Exercice 3

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
Item After M1	20.4737	0.36	20.1987	20.9242	0.00	143.19
Item After M2	20.5521	0.30	20.2843	20.9303	1.4275	110.69