Unnamed Project

Replication 1

	Start Time:	0,00	Stop Time:	100,00	Time Units:	Seconds

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	0.4079	0,015186500	0.02797623	1.9155

NVA Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Entity 1	0.8873	0,177492441	0	2.8173

Transfer Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Other Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Total Time	Average	Half Width	Minimum	Maximum
Entity 1	1.2952	0,178038149	0.0909	3.2613

Other

Number In	Value
Entity 1	689

Number Out	Value
Entity 1	681

WIP	Average	Half Width	Minimum	Maximum
Entity 1	8.8572	1,33631	0	23.0000

Queue

Time

Category by Replication

Unnamed Project

Replications: 5

Replication 1

	Start Time:		0,00	Stop Time:	100,00	Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Process 1.Queue	0.1886	0,057967302	0	1.1378
Process 2.Queue	0.4202	(Correlated)	0	2.2560
Process 3.Queue	0.3710	(Insufficient)	0	2.2550
Process 4.Queue	0.1725	0,052648485	0	1.0814

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Process 1.Queue	1.4096	0,509683263	0	11.0000
Process 2.Queue	2.8767	(Correlated)	0	16.0000
Process 3.Queue	1.1352	0,531838602	0	9.0000
Process 4.Queue	0.6468	0,208852802	0	5.0000

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource 1	0.7307	0,052536186	0	1.0000
Resource 2	0.8382	(Insufficient)	0	1.0000
Resource 3	0.6421	(Insufficient)	0	1.0000
Resource 4	0.5779	(Insufficient)	0	1.0000

Number Busy	Average	Half Width	Minimum	Maximum
Resource 1	0.7307	0,052536186	0	1.0000
Resource 2	0.8382	(Insufficient)	0	1.0000
Resource 3	0.6421	(Insufficient)	0	1.0000
Resource 4	0.5779	(Insufficient)	0	1.0000

Unnamed Project

<div align="right">Replications: 5</div>

Replication 1

Start Time: 0,00   Stop Time: 100,00   Time Units: Seconds

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource 1	1.0000	(Insufficient)	1.0000	1.0000
Resource 2	1.0000	(Insufficient)	1.0000	1.0000
Resource 3	1.0000	(Insufficient)	1.0000	1.0000
Resource 4	1.0000	(Insufficient)	1.0000	1.0000

Scheduled Utilization	Value
Resource 1	0.7307
Resource 2	0.8382
Resource 3	0.6421
Resource 4	0.5779

Total Number Seized	Value
Resource 1	747.00
Resource 2	682.00
Resource 3	306.00
Resource 4	375.00

System

Other

Number Out	Value
System	681

Replication 2

Start Time: 0,00   Stop Time: 100,00   Time Units: Seconds

Entity

Time

Unnamed Project

<div align="right">Replications: 5</div>

Replication 2

	Start Time:	0,00	Stop Time:	100,00	Time Units:	Seconds

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	0.4208	0,020156514	0.04011987	1.6188

NVA Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Entity 1	1.7497	(Correlated)	0	4.3015

Transfer Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Other Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Total Time	Average	Half Width	Minimum	Maximum
Entity 1	2.1705	(Correlated)	0.0978	5.1548

Other

Number In	Value
Entity 1	717

Number Out	Value
Entity 1	700

WIP	Average	Half Width	Minimum	Maximum
Entity 1	15.3804	(Correlated)	0	30.0000

Queue

Time

Unnamed Project

Replications: 5

Replication 2

Start Time: 0,00   Stop Time: 100,00   Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Process 1.Queue	0.3404	(Correlated)	0	1.7724
Process 2.Queue	1.1015	(Correlated)	0	3.1345
Process 3.Queue	0.2769	0,108644547	0	2.1656
Process 4.Queue	0.2805	0,102541286	0	1.7765

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Process 1.Queue	2.6389	(Correlated)	0	17.0000
Process 2.Queue	7.8051	(Correlated)	0	24.0000
Process 3.Queue	0.8969	0,327555695	0	7.0000
Process 4.Queue	1.0659	0,397095227	0	9.0000

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource 1	0.7866	(Insufficient)	0	1.0000
Resource 2	0.9130	(Insufficient)	0	1.0000
Resource 3	0.6504	(Insufficient)	0	1.0000
Resource 4	0.6235	(Insufficient)	0	1.0000

Number Busy	Average	Half Width	Minimum	Maximum
Resource 1	0.7866	(Insufficient)	0	1.0000
Resource 2	0.9130	(Insufficient)	0	1.0000
Resource 3	0.6504	(Insufficient)	0	1.0000
Resource 4	0.6235	(Insufficient)	0	1.0000

Unnamed Project

Replication 2

Start Time:	0,00	Stop Time:	100,00	Time Units: Seconds

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource 1	1.0000	(Insufficient)	1.0000	1.0000
Resource 2	1.0000	(Insufficient)	1.0000	1.0000
Resource 3	1.0000	(Insufficient)	1.0000	1.0000
Resource 4	1.0000	(Insufficient)	1.0000	1.0000

Scheduled Utilization	Value
Resource 1	0.7866
Resource 2	0.9130
Resource 3	0.6504
Resource 4	0.6235

Total Number Seized	Value
Resource 1	774.00
Resource 2	706.00
Resource 3	321.00
Resource 4	380.00

System

Other

Number Out	Value
System	700

Replication 3

Start Time:	0,00	Stop Time:	100,00	Time Units: Seconds

Entity

Time

Unnamed Project　　　　　　　　　　　　　　　　　　　　Replications: 5

Replication 3　　　　　Start Time:　　　0,00　　Stop Time:　　　100,00　　Time Units:　Seconds

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	0.3944	0,018922179	0.03096813	1.5558

NVA Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Entity 1	0.8197	(Correlated)	0	3.4297

Transfer Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Other Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Total Time	Average	Half Width	Minimum	Maximum
Entity 1	1.2141	(Correlated)	0.1040	4.0991

Other

Number In	Value
Entity 1	667

Number Out	Value
Entity 1	657

WIP	Average	Half Width	Minimum	Maximum
Entity 1	8.0665	(Correlated)	0	23.0000

Queue

Time

Unnamed Project

Replication 3   Start Time: 0,00   Stop Time: 100,00   Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Process 1.Queue	0.1848	0,065603926	0	1.2368
Process 2.Queue	0.3076	(Correlated)	0	1.5234
Process 3.Queue	0.3838	(Insufficient)	0	2.4193
Process 4.Queue	0.2521	(Correlated)	0	1.5699

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Process 1.Queue	1.3967	0,488293876	0	12.0000
Process 2.Queue	2.0535	(Correlated)	0	12.0000
Process 3.Queue	1.0438	(Insufficient)	0	11.0000
Process 4.Queue	0.9707	0,449434870	0	8.0000

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource 1	0.6913	0,075348962	0	1.0000
Resource 2	0.7802	(Insufficient)	0	1.0000
Resource 3	0.5360	(Insufficient)	0	1.0000
Resource 4	0.5944	(Insufficient)	0	1.0000

Number Busy	Average	Half Width	Minimum	Maximum
Resource 1	0.6913	0,075348962	0	1.0000
Resource 2	0.7802	(Insufficient)	0	1.0000
Resource 3	0.5360	(Insufficient)	0	1.0000
Resource 4	0.5944	(Insufficient)	0	1.0000

Unnamed Project

Replication 3   Start Time: 0,00   Stop Time: 100,00   Time Units: Seconds

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource 1	1.0000	(Insufficient)	1.0000	1.0000
Resource 2	1.0000	(Insufficient)	1.0000	1.0000
Resource 3	1.0000	(Insufficient)	1.0000	1.0000
Resource 4	1.0000	(Insufficient)	1.0000	1.0000

Scheduled Utilization	Value
Resource 1	0.6913
Resource 2	0.7802
Resource 3	0.5360
Resource 4	0.5944

Total Number Seized	Value
Resource 1	756.00
Resource 2	658.00
Resource 3	272.00
Resource 4	385.00

System

Other

Number Out	Value
System	657

Replication 4   Start Time: 0,00   Stop Time: 100,00   Time Units: Seconds

Entity

Time

Unnamed Project

<div align="right">Replications: 5</div>

Replication 4

	Start Time:	0,00	Stop Time:	100,00	Time Units:	Seconds

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	0.3952	0,020395856	0.01103994	1.4656

NVA Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Entity 1	1.0531	(Correlated)	0	4.4615

Transfer Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Other Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Total Time	Average	Half Width	Minimum	Maximum
Entity 1	1.4483	(Correlated)	0.05229445	4.9751

Other

Number In	Value
Entity 1	707

Number Out	Value
Entity 1	686

WIP	Average	Half Width	Minimum	Maximum
Entity 1	10.2179	(Correlated)	0	29.0000

Queue

Time

Category by Replication

Unnamed Project

Replications: 5

Replication 4   Start Time: 0,00   Stop Time: 100,00   Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Process 1.Queue	0.3493	(Correlated)	0	1.5540
Process 2.Queue	0.4443	(Correlated)	0	2.0179
Process 3.Queue	0.2923	(Correlated)	0	2.0091
Process 4.Queue	0.1811	0,066737420	0	1.2029

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Process 1.Queue	2.7554	(Correlated)	0	14.0000
Process 2.Queue	3.1018	(Correlated)	0	20.0000
Process 3.Queue	0.9582	(Correlated)	0	9.0000
Process 4.Queue	0.6611	0,259843211	0	6.0000

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource 1	0.7923	(Insufficient)	0	1.0000
Resource 2	0.8030	(Insufficient)	0	1.0000
Resource 3	0.6084	(Insufficient)	0	1.0000
Resource 4	0.5377	(Insufficient)	0	1.0000

Number Busy	Average	Half Width	Minimum	Maximum
Resource 1	0.7923	(Insufficient)	0	1.0000
Resource 2	0.8030	(Insufficient)	0	1.0000
Resource 3	0.6084	(Insufficient)	0	1.0000
Resource 4	0.5377	(Insufficient)	0	1.0000

Unnamed Project

Replications: 5

Replication 4   Start Time: 0,00   Stop Time: 100,00   Time Units: Seconds

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource 1	1.0000	(Insufficient)	1.0000	1.0000
Resource 2	1.0000	(Insufficient)	1.0000	1.0000
Resource 3	1.0000	(Insufficient)	1.0000	1.0000
Resource 4	1.0000	(Insufficient)	1.0000	1.0000

Scheduled Utilization	Value
Resource 1	0.7923
Resource 2	0.8030
Resource 3	0.6084
Resource 4	0.5377

Total Number Seized	Value
Resource 1	787.00
Resource 2	692.00
Resource 3	323.00
Resource 4	365.00

System

Other

Number Out	Value
System	686

Replication 5   Start Time: 0,00   Stop Time: 100,00   Time Units: Seconds

Entity

Time

Unnamed Project   Replications: 5

Replication 5	Start Time:	0,00	Stop Time:	100,00	Time Units:	Seconds

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Entity 1	0.4164	0,016241355	0.01380410	1.6618

NVA Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Entity 1	1.3949	(Correlated)	0	5.9998

Transfer Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Other Time	Average	Half Width	Minimum	Maximum
Entity 1	0	0,000000000	0	0

Total Time	Average	Half Width	Minimum	Maximum
Entity 1	1.8112	(Correlated)	0.1719	6.5639

Other

Number In	Value
Entity 1	694

Number Out	Value
Entity 1	688

WIP	Average	Half Width	Minimum	Maximum
Entity 1	12.5024	(Correlated)	0	37.0000

Queue

Time

Unnamed Project

Replications: 5

Replication 5

Start Time: 0,00   Stop Time: 100,00   Time Units: Seconds

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Process 1.Queue	0.3260	(Correlated)	0	1.9377
Process 2.Queue	0.7177	(Correlated)	0	3.1252
Process 3.Queue	0.5121	(Insufficient)	0	3.0950
Process 4.Queue	0.1661	0,059812906	0	1.1746

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Process 1.Queue	2.4709	1,29285	0	17.0000
Process 2.Queue	4.9645	(Correlated)	0	27.0000
Process 3.Queue	1.5466	1,05620	0	15.0000
Process 4.Queue	0.6451	0,203694835	0	7.0000

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource 1	0.7657	0,068665282	0	1.0000
Resource 2	0.8793	(Insufficient)	0	1.0000
Resource 3	0.6468	(Insufficient)	0	1.0000
Resource 4	0.5835	0,064092452	0	1.0000

Number Busy	Average	Half Width	Minimum	Maximum
Resource 1	0.7657	0,068665282	0	1.0000
Resource 2	0.8793	(Insufficient)	0	1.0000
Resource 3	0.6468	(Insufficient)	0	1.0000
Resource 4	0.5835	0,064092452	0	1.0000

Unnamed Project

Replication 5   Start Time: 0,00   Stop Time: 100,00   Time Units: Seconds

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource 1	1.0000	(Insufficient)	1.0000	1.0000
Resource 2	1.0000	(Insufficient)	1.0000	1.0000
Resource 3	1.0000	(Insufficient)	1.0000	1.0000
Resource 4	1.0000	(Insufficient)	1.0000	1.0000

Scheduled Utilization	Value
Resource 1	0.7657
Resource 2	0.8793
Resource 3	0.6468
Resource 4	0.5835

Total Number Seized	Value
Resource 1	758.00
Resource 2	691.00
Resource 3	302.00
Resource 4	387.00

System

Other

Number Out	Value
System	688