Unnamed Project

Replications: 25

Replication 1   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04391578	0.002265476	0	0.3289
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0944	0.000784959	0.04497528	0.2185
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1383	0.002628001	0.04501662	0.4127
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 1

Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Entity

Other

Number In	Value
Customer	2,633
Entity 1	2,870
Truck	2

Number Out	Value
Customer	2,633
Entity 1	2,870
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4677	0.236222955	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Queue

Time

Unnamed Project

Replications: 25

Replication 1   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01960663	(Insufficient)	0	0.1274
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05123682	0.003354925	0	0.2262
Hold 9.Queue	0.03184013	0.004524533	0	0.1666
P11 Seize to Order.Queue	0.00226296	0.001052757	0	0.1296
P11 Seize to Pay.Queue	0.00138703	0.000729230	0	0.07934013
P12 Seize to Order.Queue	0.00204993	0.001052233	0	0.06700964
P12 Seize to Pay.Queue	0.00194136	0.001174183	0	0.07086305
P21 Seize to Order.Queue	0.00095020	0.000735154	0	0.06607766
P21 Seize to Pay.Queue	0.00034455	0.000331950	0	0.04803765
P22 Seize to Order.Queue	0.00178953	(Insufficient)	0	0.07320627
P22 Seize to Pay.Queue	0.00236187	(Insufficient)	0	0.0959
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0.00049255	(Insufficient)	0	0.03958009
P32 Seize to Order.Queue	0.00065326	(Insufficient)	0	0.01577265
P32 Seize to Pay.Queue	0	(Insufficient)	0	0
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.07442450	(Insufficient)	0	0.3289
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.01994248	0.001410476	0	0.1399
Waiting Line 2.Queue	0.01138095	0.001491145	0	0.1501
Waiting Line 3.Queue	0.00609317	(Insufficient)	0	0.08211616
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Category by Replication

Unnamed Project

Replications: 25

Replication 1   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01531185	(Insufficient)	0	1.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4431	0.038140357	0	3.0000
Hold 9.Queue	0.1346	0.028421737	0	2.0000
P11 Seize to Order.Queue	0.01956922	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01199449	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01620420	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01534596	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00401800	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00145695	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00531745	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00701813	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0.00038466	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00029241	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0	(Insufficient)	0	0
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00708805	(Insufficient)	0	3.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3301	0.030585495	0	1.0000
Waiting Line 2.Queue	0.08194283	0.017416757	0	1.0000
Waiting Line 3.Queue	0.00748590	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 1

Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8200	0.022929192	0	1.0000
Machine 12	0.7650	0.033931607	0	1.0000
Machine 21	0.4078	0.044399546	0	1.0000
Machine 22	0.2864	0.044373104	0	1.0000
Machine 31	0.07328334	(Insufficient)	0	1.0000
Machine 32	0.03929674	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01083420	(Insufficient)	0	1.0000
Worker 1A	0.2453	0.060146581	0	1.0000
Worker 1B	0.2064	(Correlated)	0	1.0000
Worker 1C	0.2511	0.065235166	0	1.0000
Worker 2A	0.0933	0.025846562	0	1.0000
Worker 2B	0.0951	0.021893710	0	1.0000
Worker 2C	0.1218	0.038581010	0	1.0000
Worker 3A	0.01604469	(Insufficient)	0	1.0000
Worker 3B	0.01411989	(Insufficient)	0	1.0000
Worker 3C	0.01845941	(Insufficient)	0	1.0000
Worker 4A	0.00196956	(Insufficient)	0	1.0000
Worker 4B	0.00089987	(Insufficient)	0	1.0000
Worker 4C	0.00329810	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 1

	Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8200	0.022929192	0	1.0000
Machine 12	0.7650	0.033931607	0	1.0000
Machine 21	0.4078	0.044399546	0	1.0000
Machine 22	0.2864	0.044373104	0	1.0000
Machine 31	0.07328334	(Insufficient)	0	1.0000
Machine 32	0.03929674	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01083420	(Insufficient)	0	1.0000
Worker 1A	0.2453	0.060146581	0	1.0000
Worker 1B	0.2064	(Correlated)	0	1.0000
Worker 1C	0.2511	0.065235166	0	1.0000
Worker 2A	0.0933	0.025846562	0	1.0000
Worker 2B	0.0951	0.021893710	0	1.0000
Worker 2C	0.1218	0.038581010	0	1.0000
Worker 3A	0.01604469	(Insufficient)	0	1.0000
Worker 3B	0.01411989	(Insufficient)	0	1.0000
Worker 3C	0.01845941	(Insufficient)	0	1.0000
Worker 4A	0.00196956	(Insufficient)	0	1.0000
Worker 4B	0.00089987	(Insufficient)	0	1.0000
Worker 4C	0.00329810	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 1

Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 1

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8200
Machine 12	0.7650
Machine 21	0.4078
Machine 22	0.2864
Machine 31	0.07328334
Machine 32	0.03929674
Machine 41	0
Machine 42	0.01083420
Worker 1A	0.4089
Worker 1B	0.3439
Worker 1C	0.4184
Worker 2A	0.1554
Worker 2B	0.1586
Worker 2C	0.2030
Worker 3A	0.02674116
Worker 3B	0.02353314
Worker 3C	0.03076569
Worker 4A	0.00328259
Worker 4B	0.00149979
Worker 4C	0.00549684

Unnamed Project

Replications: 25

Replication 1

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	908.00
Machine 12	830.00
Machine 21	444.00
Machine 22	312.00
Machine 31	82.0000
Machine 32	47.0000
Machine 41	0
Machine 42	10.0000
Worker 1A	1,226.00
Worker 1B	1,004.00
Worker 1C	1,246.00
Worker 2A	457.00
Worker 2B	462.00
Worker 2C	593.00
Worker 3A	92.0000
Worker 3B	78.0000
Worker 3C	88.0000
Worker 4A	5.0000
Worker 4B	4.0000
Worker 4C	11.0000

System

Other

Number Out	Value
System	5,505

Unnamed Project

Replications: 25

Replication 1   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	9,616.58	(Correlated)	-13,520	26,524.00
Profit Stat	9,616.58	(Correlated)	-13,520	26,524.00

Variable	Average	Half Width	Minimum	Maximum
Profit	9,616.58	(Correlated)	-13,520	26,524.00

Replication 10   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04347382	0.003421048	0	0.2630
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

<div align="right">Replications: 25</div>

Replication 10   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0950	0.001000216	0.04334626	0.2229
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1384	0.003669357	0.04565664	0.3585
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,640
Entity 1	2,946
Truck	2

Number Out	Value
Customer	2,639
Entity 1	2,946
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4798	0.253319591	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replication 10   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01629669	(Insufficient)	0	0.1056
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05067028	0.004310287	0	0.2019
Hold 9.Queue	0.03008321	0.003348534	0	0.1475
P11 Seize to Order.Queue	0.00234776	0.001180772	0	0.1099
P11 Seize to Pay.Queue	0.00168034	0.000936539	0	0.1155
P12 Seize to Order.Queue	0.00269480	0.001694750	0	0.08743595
P12 Seize to Pay.Queue	0.00186130	0.000968808	0	0.08530257
P21 Seize to Order.Queue	0.00099753	0.000977321	0	0.08831765
P21 Seize to Pay.Queue	0.00047295	0.000391205	0	0.03850215
P22 Seize to Order.Queue	0.00118826	(Insufficient)	0	0.03363173
P22 Seize to Pay.Queue	0.00200859	(Insufficient)	0	0.07292000
P31 Seize to Order.Queue	0.00077857	(Insufficient)	0	0.04707661
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00080644	(Insufficient)	0	0.01795943
P32 Seize to Pay.Queue	0.00251457	(Insufficient)	0	0.03990481
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.03605682	(Insufficient)	0	0.1214
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02000038	0.001405243	0	0.1911
Waiting Line 2.Queue	0.01163335	0.001400626	0	0.1414
Waiting Line 3.Queue	0.00892310	(Insufficient)	0	0.0982
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 10

Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01288215	(Insufficient)	0	1.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4295	0.035464007	0	3.0000
Hold 9.Queue	0.1324	0.019650944	0	2.0000
P11 Seize to Order.Queue	0.01992244	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01424292	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02163541	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01494356	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00438913	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00208098	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00361005	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00610228	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00061544	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00026881	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00083819	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00240379	(Insufficient)	0	1.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3303	0.029089647	0	1.0000
Waiting Line 2.Queue	0.08652997	0.020219385	0	1.0000
Waiting Line 3.Queue	0.01002787	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

<div align="right">

Replications: 25

</div>

Replication 10   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8206	0.023490978	0	1.0000
Machine 12	0.7683	0.032249750	0	1.0000
Machine 21	0.4197	0.047959992	0	1.0000
Machine 22	0.2949	0.041285112	0	1.0000
Machine 31	0.07973532	(Insufficient)	0	1.0000
Machine 32	0.03448799	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00764816	(Insufficient)	0	1.0000
Worker 1A	0.2429	0.059829981	0	1.0000
Worker 1B	0.2093	(Correlated)	0	1.0000
Worker 1C	0.2573	0.070946425	0	1.0000
Worker 2A	0.0939	0.026411581	0	1.0000
Worker 2B	0.0998	(Correlated)	0	1.0000
Worker 2C	0.1283	0.038357853	0	1.0000
Worker 3A	0.01866995	(Insufficient)	0	1.0000
Worker 3B	0.01456470	(Insufficient)	0	1.0000
Worker 3C	0.02029333	(Insufficient)	0	1.0000
Worker 4A	0.00215174	(Insufficient)	0	1.0000
Worker 4B	0.00150698	(Insufficient)	0	1.0000
Worker 4C	0.00065610	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 10   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8206	0.023490978	0	1.0000
Machine 12	0.7683	0.032249750	0	1.0000
Machine 21	0.4197	0.047959992	0	1.0000
Machine 22	0.2949	0.041285112	0	1.0000
Machine 31	0.07973532	(Insufficient)	0	1.0000
Machine 32	0.03448799	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00764816	(Insufficient)	0	1.0000
Worker 1A	0.2429	0.059829981	0	1.0000
Worker 1B	0.2093	(Correlated)	0	1.0000
Worker 1C	0.2573	0.070946425	0	1.0000
Worker 2A	0.0939	0.026411581	0	1.0000
Worker 2B	0.0998	(Correlated)	0	1.0000
Worker 2C	0.1283	0.038357853	0	1.0000
Worker 3A	0.01866995	(Insufficient)	0	1.0000
Worker 3B	0.01456470	(Insufficient)	0	1.0000
Worker 3C	0.02029333	(Insufficient)	0	1.0000
Worker 4A	0.00215174	(Insufficient)	0	1.0000
Worker 4B	0.00150698	(Insufficient)	0	1.0000
Worker 4C	0.00065610	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 10   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 10   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8206
Machine 12	0.7683
Machine 21	0.4197
Machine 22	0.2949
Machine 31	0.07973532
Machine 32	0.03448799
Machine 41	0
Machine 42	0.00764816
Worker 1A	0.4049
Worker 1B	0.3489
Worker 1C	0.4288
Worker 2A	0.1566
Worker 2B	0.1663
Worker 2C	0.2138
Worker 3A	0.03111658
Worker 3B	0.02427450
Worker 3C	0.03382221
Worker 4A	0.00358624
Worker 4B	0.00251164
Worker 4C	0.00109350

Unnamed Project

Replication 10   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	891.00
Machine 12	843.00
Machine 21	462.00
Machine 22	319.00
Machine 31	83.0000
Machine 32	35.0000
Machine 41	0
Machine 42	7.0000
Worker 1A	1,211.00
Worker 1B	1,020.00
Worker 1C	1,236.00
Worker 2A	445.00
Worker 2B	473.00
Worker 2C	644.00
Worker 3A	67.0000
Worker 3B	69.0000
Worker 3C	100.00
Worker 4A	5.0000
Worker 4B	5.0000
Worker 4C	4.0000

System

Other

Number Out	Value
System	5,587

Unnamed Project

Replications: 25

Replication 10   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	9,425.02	(Correlated)	-13,520	29,362.50
Profit Stat	9,425.02	(Correlated)	-13,520	29,362.50

Variable	Average	Half Width	Minimum	Maximum
Profit	9,425.02	(Correlated)	-13,520	29,362.50

Replication 11   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04410910	0.002541106	0	0.2751
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

Replication 11   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0937	0.001101488	0.04000012	0.2220
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1378	0.003159797	0.04390088	0.4266
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,603
Entity 1	2,921
Truck	2

Number Out	Value
Customer	2,603
Entity 1	2,921
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4172	0.223326737	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 11   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01986250	(Insufficient)	0	0.1299
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05224895	0.003247435	0	0.2046
Hold 9.Queue	0.03240217	0.004689245	0	0.1546
P11 Seize to Order.Queue	0.00206054	0.000940611	0	0.07533730
P11 Seize to Pay.Queue	0.00133340	0.000620245	0	0.06526190
P12 Seize to Order.Queue	0.00248421	0.001280956	0	0.1002
P12 Seize to Pay.Queue	0.00179639	0.000972079	0	0.08497080
P21 Seize to Order.Queue	0.00116012	0.000972549	0	0.0979
P21 Seize to Pay.Queue	0.00104537	0.000602864	0	0.07418564
P22 Seize to Order.Queue	0.00173300	(Insufficient)	0	0.07712425
P22 Seize to Pay.Queue	0.00128513	(Insufficient)	0	0.04500116
P31 Seize to Order.Queue	0.00095835	(Insufficient)	0	0.06395766
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00206850	(Insufficient)	0	0.02016451
P32 Seize to Pay.Queue	0.00324526	(Insufficient)	0	0.07094181
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.03649142	(Insufficient)	0	0.1378
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.01984692	0.000987543	0	0.1590
Waiting Line 2.Queue	0.01032177	0.001184237	0	0.1229
Waiting Line 3.Queue	0.00608810	(Insufficient)	0	0.1190
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Category by Replication

Unnamed Project

Replications: 25

Replication 11   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01570083	(Insufficient)	0	1.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4498	0.033302492	0	3.0000
Hold 9.Queue	0.1318	0.025336656	0	2.0000
P11 Seize to Order.Queue	0.01774027	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01147991	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02013389	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01455934	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00471781	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00425119	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00483590	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00358611	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00075756	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00072890	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00114357	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00278030	(Insufficient)	0	2.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3317	0.027396489	0	1.0000
Waiting Line 2.Queue	0.07077784	0.013263631	0	1.0000
Waiting Line 3.Queue	0.00695783	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 11   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8239	0.025724599	0	1.0000
Machine 12	0.7689	0.040551731	0	1.0000
Machine 21	0.3853	0.037991967	0	1.0000
Machine 22	0.2672	0.041239144	0	1.0000
Machine 31	0.07087707	(Insufficient)	0	1.0000
Machine 32	0.03528446	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00727924	(Insufficient)	0	1.0000
Worker 1A	0.2413	0.058807525	0	1.0000
Worker 1B	0.2057	(Correlated)	0	1.0000
Worker 1C	0.2596	0.067519323	0	1.0000
Worker 2A	0.0932	0.022235908	0	1.0000
Worker 2B	0.0951	0.027539519	0	1.0000
Worker 2C	0.1038	0.033617958	0	1.0000
Worker 3A	0.01337544	(Insufficient)	0	1.0000
Worker 3B	0.01132457	(Insufficient)	0	1.0000
Worker 3C	0.02155606	(Insufficient)	0	1.0000
Worker 4A	0.00161987	(Insufficient)	0	1.0000
Worker 4B	0.00041708	(Insufficient)	0	1.0000
Worker 4C	0.00109943	(Insufficient)	0	1.0000

Unnamed Project

Replication 11   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8239	0.025724599	0	1.0000
Machine 12	0.7689	0.040551731	0	1.0000
Machine 21	0.3853	0.037991967	0	1.0000
Machine 22	0.2672	0.041239144	0	1.0000
Machine 31	0.07087707	(Insufficient)	0	1.0000
Machine 32	0.03528446	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00727924	(Insufficient)	0	1.0000
Worker 1A	0.2413	0.058807525	0	1.0000
Worker 1B	0.2057	(Correlated)	0	1.0000
Worker 1C	0.2596	0.067519323	0	1.0000
Worker 2A	0.0932	0.022235908	0	1.0000
Worker 2B	0.0951	0.027539519	0	1.0000
Worker 2C	0.1038	0.033617958	0	1.0000
Worker 3A	0.01337544	(Insufficient)	0	1.0000
Worker 3B	0.01132457	(Insufficient)	0	1.0000
Worker 3C	0.02155606	(Insufficient)	0	1.0000
Worker 4A	0.00161987	(Insufficient)	0	1.0000
Worker 4B	0.00041708	(Insufficient)	0	1.0000
Worker 4C	0.00109943	(Insufficient)	0	1.0000

Unnamed Project

Replication 11   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Category by Replication

Unnamed Project

Replications: 25

Replication 11   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8239
Machine 12	0.7689
Machine 21	0.3853
Machine 22	0.2672
Machine 31	0.07087707
Machine 32	0.03528446
Machine 41	0
Machine 42	0.00727924
Worker 1A	0.4022
Worker 1B	0.3428
Worker 1C	0.4327
Worker 2A	0.1553
Worker 2B	0.1584
Worker 2C	0.1729
Worker 3A	0.02229240
Worker 3B	0.01887428
Worker 3C	0.03592676
Worker 4A	0.00269978
Worker 4B	0.00069513
Worker 4C	0.00183239

Unnamed Project

Replication 11   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	904.00
Machine 12	851.00
Machine 21	427.00
Machine 22	293.00
Machine 31	83.0000
Machine 32	37.0000
Machine 41	0
Machine 42	8.0000
Worker 1A	1,225.00
Worker 1B	1,026.00
Worker 1C	1,259.00
Worker 2A	445.00
Worker 2B	457.00
Worker 2C	538.00
Worker 3A	72.0000
Worker 3B	71.0000
Worker 3C	97.0000
Worker 4A	10.0000
Worker 4B	2.0000
Worker 4C	4.0000

System

Other

Number Out	Value
System	5,526

Unnamed Project   Replications: 25

Replication 11   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	7,860.42	(Correlated)	-13,520	25,417.90
Profit Stat	7,860.42	(Correlated)	-13,520	25,417.90

Variable	Average	Half Width	Minimum	Maximum
Profit	7,860.42	(Correlated)	-13,520	25,417.90

Replication 12   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04538013	0.003048773	0	0.3805
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replication 12   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0946	0.000853981	0.04239946	0.2495
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1400	0.003345444	0.04508121	0.4832
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,580
Entity 1	2,941
Truck	2

Number Out	Value
Customer	2,580
Entity 1	2,941
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4407	0.282592836	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 12   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01613373	(Insufficient)	0	0.1112
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05318984	0.004392327	0	0.3443
Hold 9.Queue	0.03275559	(Correlated)	0	0.1610
P11 Seize to Order.Queue	0.00240162	0.001338989	0	0.0960
P11 Seize to Pay.Queue	0.00147972	0.000706059	0	0.08986649
P12 Seize to Order.Queue	0.00336729	0.001989301	0	0.1384
P12 Seize to Pay.Queue	0.00222916	0.001346813	0	0.1642
P21 Seize to Order.Queue	0.00096088	0.000694101	0	0.04217532
P21 Seize to Pay.Queue	0.00039098	0.000314770	0	0.05597966
P22 Seize to Order.Queue	0.00135590	0.001073233	0	0.07368036
P22 Seize to Pay.Queue	0.00239552	0.001490387	0	0.1233
P31 Seize to Order.Queue	0.00038083	(Insufficient)	0	0.02551269
P31 Seize to Pay.Queue	0.00026174	(Insufficient)	0	0.02015422
P32 Seize to Order.Queue	0.00136995	(Insufficient)	0	0.01358866
P32 Seize to Pay.Queue	0.00324167	(Insufficient)	0	0.0902
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.05033760	(Insufficient)	0	0.1828
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02028114	0.001108848	0	0.2298
Waiting Line 2.Queue	0.01098679	(Correlated)	0	0.1639
Waiting Line 3.Queue	0.00736512	(Insufficient)	0	0.1579
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 12

| Start Time: | 0.00 | Stop Time: | 105.00 | Time Units: | Hours |

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01183140	(Insufficient)	0	1.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4508	0.052429960	0	5.0000
Hold 9.Queue	0.1379	0.028888770	0	2.0000
P11 Seize to Order.Queue	0.02035660	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01254236	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02581586	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01709024	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00404487	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00164585	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00414519	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00732343	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00027928	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00019194	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00046970	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00111143	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00431465	(Insufficient)	0	2.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3274	0.031494495	0	1.0000
Waiting Line 2.Queue	0.07983732	0.015770570	0	1.0000
Waiting Line 3.Queue	0.00792628	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project — Replications: 25

Replication 12 · Start Time: 0.00 · Stop Time: 105.00 · Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8164	0.029420273	0	1.0000
Machine 12	0.7428	0.036383327	0	1.0000
Machine 21	0.3948	0.052406820	0	1.0000
Machine 22	0.2977	0.048937806	0	1.0000
Machine 31	0.07230780	(Insufficient)	0	1.0000
Machine 32	0.03373247	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00780374	(Insufficient)	0	1.0000
Worker 1A	0.2436	0.057668564	0	1.0000
Worker 1B	0.2094	(Correlated)	0	1.0000
Worker 1C	0.2507	0.065986404	0	1.0000
Worker 2A	0.0929	0.023841708	0	1.0000
Worker 2B	0.1005	0.027048408	0	1.0000
Worker 2C	0.1202	0.037973081	0	1.0000
Worker 3A	0.01081830	(Insufficient)	0	1.0000
Worker 3B	0.01899070	(Insufficient)	0	1.0000
Worker 3C	0.01678504	(Insufficient)	0	1.0000
Worker 4A	0.00083609	(Insufficient)	0	1.0000
Worker 4B	0.00130125	(Insufficient)	0	1.0000
Worker 4C	0.00109497	(Insufficient)	0	1.0000

Unnamed Project   Replications: 25

Replication 12   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8164	0.029420273	0	1.0000
Machine 12	0.7428	0.036383327	0	1.0000
Machine 21	0.3948	0.052406820	0	1.0000
Machine 22	0.2977	0.048937806	0	1.0000
Machine 31	0.07230780	(Insufficient)	0	1.0000
Machine 32	0.03373247	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00780374	(Insufficient)	0	1.0000
Worker 1A	0.2436	0.057668564	0	1.0000
Worker 1B	0.2094	(Correlated)	0	1.0000
Worker 1C	0.2507	0.065986404	0	1.0000
Worker 2A	0.0929	0.023841708	0	1.0000
Worker 2B	0.1005	0.027048408	0	1.0000
Worker 2C	0.1202	0.037973081	0	1.0000
Worker 3A	0.01081830	(Insufficient)	0	1.0000
Worker 3B	0.01899070	(Insufficient)	0	1.0000
Worker 3C	0.01678504	(Insufficient)	0	1.0000
Worker 4A	0.00083609	(Insufficient)	0	1.0000
Worker 4B	0.00130125	(Insufficient)	0	1.0000
Worker 4C	0.00109497	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 12   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replication 12

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8164
Machine 12	0.7428
Machine 21	0.3948
Machine 22	0.2977
Machine 31	0.07230780
Machine 32	0.03373247
Machine 41	0
Machine 42	0.00780374
Worker 1A	0.4060
Worker 1B	0.3490
Worker 1C	0.4178
Worker 2A	0.1549
Worker 2B	0.1676
Worker 2C	0.2003
Worker 3A	0.01803050
Worker 3B	0.03165117
Worker 3C	0.02797506
Worker 4A	0.00139349
Worker 4B	0.00216874
Worker 4C	0.00182495

Unnamed Project

Replication 12   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	890.00
Machine 12	805.00
Machine 21	442.00
Machine 22	321.00
Machine 31	77.0000
Machine 32	36.0000
Machine 41	0
Machine 42	9.0000
Worker 1A	1,176.00
Worker 1B	1,018.00
Worker 1C	1,196.00
Worker 2A	454.00
Worker 2B	490.00
Worker 2C	582.00
Worker 3A	60.0000
Worker 3B	89.0000
Worker 3C	77.0000
Worker 4A	5.0000
Worker 4B	6.0000
Worker 4C	7.0000

System

Other

Number Out	Value
System	5,523

Unnamed Project

Replications: 25

Replication 12

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	8,842.96	(Correlated)	-13,520	26,840.00
Profit Stat	8,842.96	(Correlated)	-13,520	26,840.00

Variable	Average	Half Width	Minimum	Maximum
Profit	8,842.96	(Correlated)	-13,520	26,840.00

Replication 13

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04378976	0.003164924	0	0.3220
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Category by Replication

Unnamed Project

Replication 13   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0950	(Correlated)	0.04325834	0.2544
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1388	(Correlated)	0.04606017	0.4220
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,672
Entity 1	2,941
Truck	2

Number Out	Value
Customer	2,670
Entity 1	2,941
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.5316	0.190886244	0	14.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Category by Replication

Unnamed Project

Replication 13   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01783920	(Insufficient)	0	0.0963
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04929793	0.003914422	0	0.2754
Hold 9.Queue	0.02864367	0.003391140	0	0.1916
P11 Seize to Order.Queue	0.00282070	0.001207823	0	0.07989220
P11 Seize to Pay.Queue	0.00146082	0.000871653	0	0.1034
P12 Seize to Order.Queue	0.00270876	0.001410575	0	0.1172
P12 Seize to Pay.Queue	0.00241741	0.001198922	0	0.1008
P21 Seize to Order.Queue	0.00133866	0.000822795	0	0.06780161
P21 Seize to Pay.Queue	0.00062342	0.000449299	0	0.05138396
P22 Seize to Order.Queue	0.00161534	0.000882020	0	0.04573720
P22 Seize to Pay.Queue	0.00233389	0.001483361	0	0.08527744
P31 Seize to Order.Queue	0.00182007	(Insufficient)	0	0.0963
P31 Seize to Pay.Queue	0.00025970	(Insufficient)	0	0.01386728
P32 Seize to Order.Queue	0.00117483	(Insufficient)	0	0.01674123
P32 Seize to Pay.Queue	0.00461720	(Insufficient)	0	0.07830301
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.07705499	(Insufficient)	0	0.2904
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02060152	0.001279457	0	0.1520
Waiting Line 2.Queue	0.01136510	0.001646936	0	0.1353
Waiting Line 3.Queue	0.00968016	(Insufficient)	0	0.1236
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replication 13   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01495095	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4202	0.037614222	0	3.0000
Hold 9.Queue	0.1282	0.021275850	0	2.0000
P11 Seize to Order.Queue	0.02406996	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01246569	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02133472	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01901695	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00599212	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00279056	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00506139	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00731286	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00152540	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00021765	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00051469	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00202277	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.01174171	(Insufficient)	0	3.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3381	0.021307234	0	1.0000
Waiting Line 2.Queue	0.08648297	0.015026039	0	1.0000
Waiting Line 3.Queue	0.01235373	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replication 13   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8301	0.022075551	0	1.0000
Machine 12	0.7618	0.031425013	0	1.0000
Machine 21	0.4385	0.038464431	0	1.0000
Machine 22	0.2941	0.036319656	0	1.0000
Machine 31	0.07820402	(Insufficient)	0	1.0000
Machine 32	0.04318267	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01512822	(Insufficient)	0	1.0000
Worker 1A	0.2513	0.063514008	0	1.0000
Worker 1B	0.2017	(Correlated)	0	1.0000
Worker 1C	0.2575	0.067441707	0	1.0000
Worker 2A	0.0917	0.025817946	0	1.0000
Worker 2B	0.1050	0.027751327	0	1.0000
Worker 2C	0.1345	0.040081773	0	1.0000
Worker 3A	0.01345013	(Insufficient)	0	1.0000
Worker 3B	0.01485058	(Insufficient)	0	1.0000
Worker 3C	0.02560746	(Insufficient)	0	1.0000
Worker 4A	0.00210188	(Insufficient)	0	1.0000
Worker 4B	0.00187697	(Insufficient)	0	1.0000
Worker 4C	0.00367317	(Insufficient)	0	1.0000

Category by Replication

Unnamed Project

Replication 13   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8301	0.022075551	0	1.0000
Machine 12	0.7618	0.031425013	0	1.0000
Machine 21	0.4385	0.038464431	0	1.0000
Machine 22	0.2941	0.036319656	0	1.0000
Machine 31	0.07820402	(Insufficient)	0	1.0000
Machine 32	0.04318267	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01512822	(Insufficient)	0	1.0000
Worker 1A	0.2513	0.063514008	0	1.0000
Worker 1B	0.2017	(Correlated)	0	1.0000
Worker 1C	0.2575	0.067441707	0	1.0000
Worker 2A	0.0917	0.025817946	0	1.0000
Worker 2B	0.1050	0.027751327	0	1.0000
Worker 2C	0.1345	0.040081773	0	1.0000
Worker 3A	0.01345013	(Insufficient)	0	1.0000
Worker 3B	0.01485058	(Insufficient)	0	1.0000
Worker 3C	0.02560746	(Insufficient)	0	1.0000
Worker 4A	0.00210188	(Insufficient)	0	1.0000
Worker 4B	0.00187697	(Insufficient)	0	1.0000
Worker 4C	0.00367317	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 13   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 13

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8301
Machine 12	0.7618
Machine 21	0.4385
Machine 22	0.2941
Machine 31	0.07820402
Machine 32	0.04318267
Machine 41	0
Machine 42	0.01512822
Worker 1A	0.4189
Worker 1B	0.3361
Worker 1C	0.4292
Worker 2A	0.1528
Worker 2B	0.1750
Worker 2C	0.2242
Worker 3A	0.02241688
Worker 3B	0.02475096
Worker 3C	0.04267910
Worker 4A	0.00350313
Worker 4B	0.00312829
Worker 4C	0.00612195

Unnamed Project

Replication 13

Start Time:	0.00	Stop Time:	105.00	Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	896.00
Machine 12	827.00
Machine 21	470.00
Machine 22	329.00
Machine 31	88.0000
Machine 32	46.0000
Machine 41	0
Machine 42	16.0000
Worker 1A	1,180.00
Worker 1B	1,013.00
Worker 1C	1,252.00
Worker 2A	458.00
Worker 2B	490.00
Worker 2C	650.00
Worker 3A	75.0000
Worker 3B	81.0000
Worker 3C	112.00
Worker 4A	4.0000
Worker 4B	9.0000
Worker 4C	19.0000

System

Other

Number Out	Value
System	5,613

Unnamed Project · Replications: 25

Replication 13 · Start Time: 0.00 · Stop Time: 105.00 · Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	9,322.32	(Correlated)	-13,520	27,043.30
Profit Stat	9,322.32	(Correlated)	-13,520	27,043.30

Variable	Average	Half Width	Minimum	Maximum
Profit	9,322.32	(Correlated)	-13,520	27,043.30

Replication 14 · Start Time: 0.00 · Stop Time: 105.00 · Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04443489	0.002791746	0	0.3217
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replication 14   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0947	0.001071382	0.04093714	0.2297
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1391	0.003303537	0.04487309	0.3990
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,604
Entity 1	2,903
Truck	2

Number Out	Value
Customer	2,600
Entity 1	2,903
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4473	0.245923794	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 14   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01480871	(Insufficient)	0	0.1256
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05399862	0.003786748	0	0.2117
Hold 9.Queue	0.02912404	0.004537111	0	0.1741
P11 Seize to Order.Queue	0.00228846	0.001003786	0	0.1342
P11 Seize to Pay.Queue	0.00188304	0.000914016	0	0.1061
P12 Seize to Order.Queue	0.00274206	0.001461777	0	0.0969
P12 Seize to Pay.Queue	0.00191188	0.000971327	0	0.07313372
P21 Seize to Order.Queue	0.00066765	0.000477852	0	0.04944390
P21 Seize to Pay.Queue	0.00074380	0.000738367	0	0.1278
P22 Seize to Order.Queue	0.00173384	(Insufficient)	0	0.06070080
P22 Seize to Pay.Queue	0.00166329	(Insufficient)	0	0.06343808
P31 Seize to Order.Queue	0.00042974	(Insufficient)	0	0.03394941
P31 Seize to Pay.Queue	0.00083461	(Insufficient)	0	0.04514139
P32 Seize to Order.Queue	0.00110413	(Insufficient)	0	0.01413417
P32 Seize to Pay.Queue	0.00218744	(Insufficient)	0	0.03984384
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0	(Insufficient)	0	0
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.01981345	0.001207917	0	0.1602
Waiting Line 2.Queue	0.01042879	0.001296966	0	0.2026
Waiting Line 3.Queue	0.00448237	(Insufficient)	0	0.1156
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replication 14   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01114179	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4644	0.040902828	0	3.0000
Hold 9.Queue	0.1290	0.024891811	0	2.0000
P11 Seize to Order.Queue	0.01970253	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01619414	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02164922	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01507651	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00296307	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00329398	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00462356	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00441959	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00032333	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00062794	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00043114	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00085414	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0	(Insufficient)	0	0
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3270	0.027516458	0	1.0000
Waiting Line 2.Queue	0.07409410	0.015447513	0	1.0000
Waiting Line 3.Queue	0.00512271	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Category by Replication

Unnamed Project

Replication 14

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8298	0.027283886	0	1.0000
Machine 12	0.7654	0.035647236	0	1.0000
Machine 21	0.4141	0.046498054	0	1.0000
Machine 22	0.2650	0.042704790	0	1.0000
Machine 31	0.07158542	(Insufficient)	0	1.0000
Machine 32	0.03691561	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00407219	(Insufficient)	0	1.0000
Worker 1A	0.2507	0.062085102	0	1.0000
Worker 1B	0.2018	(Correlated)	0	1.0000
Worker 1C	0.2574	0.073092853	0	1.0000
Worker 2A	0.0917	0.027795888	0	1.0000
Worker 2B	0.0936	0.025852439	0	1.0000
Worker 2C	0.1210	0.035802930	0	1.0000
Worker 3A	0.01368705	(Insufficient)	0	1.0000
Worker 3B	0.01378997	(Insufficient)	0	1.0000
Worker 3C	0.02016098	(Insufficient)	0	1.0000
Worker 4A	0.00016038	(Insufficient)	0	1.0000
Worker 4B	0.00082496	(Insufficient)	0	1.0000
Worker 4C	0.00056304	(Insufficient)	0	1.0000

Unnamed Project

Replication 14

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8298	0.027283886	0	1.0000
Machine 12	0.7654	0.035647236	0	1.0000
Machine 21	0.4141	0.046498054	0	1.0000
Machine 22	0.2650	0.042704790	0	1.0000
Machine 31	0.07158542	(Insufficient)	0	1.0000
Machine 32	0.03691561	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00407219	(Insufficient)	0	1.0000
Worker 1A	0.2507	0.062085102	0	1.0000
Worker 1B	0.2018	(Correlated)	0	1.0000
Worker 1C	0.2574	0.073092853	0	1.0000
Worker 2A	0.0917	0.027795888	0	1.0000
Worker 2B	0.0936	0.025852439	0	1.0000
Worker 2C	0.1210	0.035802930	0	1.0000
Worker 3A	0.01368705	(Insufficient)	0	1.0000
Worker 3B	0.01378997	(Insufficient)	0	1.0000
Worker 3C	0.02016098	(Insufficient)	0	1.0000
Worker 4A	0.00016038	(Insufficient)	0	1.0000
Worker 4B	0.00082496	(Insufficient)	0	1.0000
Worker 4C	0.00056304	(Insufficient)	0	1.0000

Unnamed Project

Replication 14

| | Start Time: | 0.00 | Stop Time: | 105.00 | Time Units: | Hours |

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Category by Replication

Unnamed Project

Replication 14   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8298
Machine 12	0.7654
Machine 21	0.4141
Machine 22	0.2650
Machine 31	0.07158542
Machine 32	0.03691561
Machine 41	0
Machine 42	0.00407219
Worker 1A	0.4179
Worker 1B	0.3364
Worker 1C	0.4291
Worker 2A	0.1528
Worker 2B	0.1560
Worker 2C	0.2016
Worker 3A	0.02281175
Worker 3B	0.02298328
Worker 3C	0.03360163
Worker 4A	0.00026730
Worker 4B	0.00137493
Worker 4C	0.00093840

Unnamed Project

Replication 14   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	904.00
Machine 12	829.00
Machine 21	466.00
Machine 22	280.00
Machine 31	79.0000
Machine 32	41.0000
Machine 41	0
Machine 42	5.0000
Worker 1A	1,223.00
Worker 1B	979.00
Worker 1C	1,262.00
Worker 2A	425.00
Worker 2B	461.00
Worker 2C	604.00
Worker 3A	74.0000
Worker 3B	69.0000
Worker 3C	97.0000
Worker 4A	2.0000
Worker 4B	5.0000
Worker 4C	3.0000

System

Other

Number Out	Value
System	5,505

Unnamed Project

Replication 14   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	9,426.12	(Correlated)	-13,520	28,280.00
Profit Stat	9,426.12	(Correlated)	-13,520	28,280.00

Variable	Average	Half Width	Minimum	Maximum
Profit	9,426.12	(Correlated)	-13,520	28,280.00

Replication 15   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04241727	0.002168990	0	0.2729
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replication 15   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0938	0.001167243	0.04156106	0.2426
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1362	0.002783749	0.04657682	0.3672
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,606
Entity 1	2,944
Truck	2

Number Out	Value
Customer	2,603
Entity 1	2,944
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.3785	0.220684613	0	11.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project   **Replications: 25**

Replication 15   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01626866	(Insufficient)	0	0.1250
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04816867	0.003184278	0	0.2078
Hold 9.Queue	0.03188189	0.003521442	0	0.1831
P11 Seize to Order.Queue	0.00191767	0.000907381	0	0.08666669
P11 Seize to Pay.Queue	0.00153015	0.000747382	0	0.1245
P12 Seize to Order.Queue	0.00241254	0.001419821	0	0.08981866
P12 Seize to Pay.Queue	0.00152174	0.000788040	0	0.06128715
P21 Seize to Order.Queue	0.00108181	0.000817110	0	0.08828312
P21 Seize to Pay.Queue	0.00076343	0.000639451	0	0.06931881
P22 Seize to Order.Queue	0.00217400	(Insufficient)	0	0.07930747
P22 Seize to Pay.Queue	0.00153759	(Insufficient)	0	0.07298753
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00125862	(Insufficient)	0	0.01550451
P32 Seize to Pay.Queue	0.00031011	(Insufficient)	0	0.00567504
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.01814355	(Insufficient)	0	0.07257420
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.01999556	0.001183510	0	0.1656
Waiting Line 2.Queue	0.00989367	0.001230666	0	0.1406
Waiting Line 3.Queue	0.00511830	(Insufficient)	0	0.07770116
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replication 15   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01131060	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4133	0.031543595	0	3.0000
Hold 9.Queue	0.1400	0.022775787	0	2.0000
P11 Seize to Order.Queue	0.01647367	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01314468	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01893266	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01194201	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00474965	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00335183	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00639776	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00452491	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00038358	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00009451	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00069118	(Insufficient)	0	1.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3289	0.031311698	0	1.0000
Waiting Line 2.Queue	0.07255359	0.015237748	0	1.0000
Waiting Line 3.Queue	0.00511830	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 15   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8179	0.027541754	0	1.0000
Machine 12	0.7526	0.035411128	0	1.0000
Machine 21	0.4128	0.041909703	0	1.0000
Machine 22	0.2770	0.038987133	0	1.0000
Machine 31	0.06709519	(Insufficient)	0	1.0000
Machine 32	0.02930216	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00309999	(Insufficient)	0	1.0000
Worker 1A	0.2493	0.062703066	0	1.0000
Worker 1B	0.2048	(Correlated)	0	1.0000
Worker 1C	0.2564	0.066909244	0	1.0000
Worker 2A	0.08315555	0.024171533	0	1.0000
Worker 2B	0.0963	(Correlated)	0	1.0000
Worker 2C	0.1257	0.037404766	0	1.0000
Worker 3A	0.01374193	(Insufficient)	0	1.0000
Worker 3B	0.01301339	(Insufficient)	0	1.0000
Worker 3C	0.01802372	(Insufficient)	0	1.0000
Worker 4A	0.00041678	(Insufficient)	0	1.0000
Worker 4B	0.00037255	(Insufficient)	0	1.0000
Worker 4C	0.00059637	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 15

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8179	0.027541754	0	1.0000
Machine 12	0.7526	0.035411128	0	1.0000
Machine 21	0.4128	0.041909703	0	1.0000
Machine 22	0.2770	0.038987133	0	1.0000
Machine 31	0.06709519	(Insufficient)	0	1.0000
Machine 32	0.02930216	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00309999	(Insufficient)	0	1.0000
Worker 1A	0.2493	0.062703066	0	1.0000
Worker 1B	0.2048	(Correlated)	0	1.0000
Worker 1C	0.2564	0.066909244	0	1.0000
Worker 2A	0.08315555	0.024171533	0	1.0000
Worker 2B	0.0963	(Correlated)	0	1.0000
Worker 2C	0.1257	0.037404766	0	1.0000
Worker 3A	0.01374193	(Insufficient)	0	1.0000
Worker 3B	0.01301339	(Insufficient)	0	1.0000
Worker 3C	0.01802372	(Insufficient)	0	1.0000
Worker 4A	0.00041678	(Insufficient)	0	1.0000
Worker 4B	0.00037255	(Insufficient)	0	1.0000
Worker 4C	0.00059637	(Insufficient)	0	1.0000

Unnamed Project

Replication 15

Start Time:	0.00	Stop Time:	105.00	Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 15   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8179
Machine 12	0.7526
Machine 21	0.4128
Machine 22	0.2770
Machine 31	0.06709519
Machine 32	0.02930216
Machine 41	0
Machine 42	0.00309999
Worker 1A	0.4154
Worker 1B	0.3413
Worker 1C	0.4273
Worker 2A	0.1386
Worker 2B	0.1604
Worker 2C	0.2096
Worker 3A	0.02290322
Worker 3B	0.02168898
Worker 3C	0.03003953
Worker 4A	0.00069464
Worker 4B	0.00062092
Worker 4C	0.00099395

Unnamed Project

Replications: 25

Replication 15

Start Time: 0.00 | Stop Time: 105.00 | Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	902.00
Machine 12	824.00
Machine 21	461.00
Machine 22	309.00
Machine 31	73.0000
Machine 32	32.0000
Machine 41	0
Machine 42	4.0000
Worker 1A	1,184.00
Worker 1B	1,030.00
Worker 1C	1,238.00
Worker 2A	444.00
Worker 2B	473.00
Worker 2C	623.00
Worker 3A	68.0000
Worker 3B	62.0000
Worker 3C	80.0000
Worker 4A	2.0000
Worker 4B	2.0000
Worker 4C	4.0000

System

Other

Number Out	Value
System	5,549

Unnamed Project

Replications: 25

Replication 15 Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	8,703.81	(Correlated)	-13,520	27,415.00
Profit Stat	8,703.81	(Correlated)	-13,520	27,415.00

Variable	Average	Half Width	Minimum	Maximum
Profit	8,703.81	(Correlated)	-13,520	27,415.00

Replication 16 Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04288677	0.003290921	0	0.2630
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

<div align="right">Replications: 25</div>

Replication 16   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0943	0.001170219	0.04123894	0.2198
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1372	0.003468649	0.04792004	0.3550
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,640
Entity 1	2,980
Truck	2

Number Out	Value
Customer	2,638
Entity 1	2,980
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4484	0.261043587	0	15.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 16   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01502090	(Insufficient)	0	0.1813
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04844923	0.004241599	0	0.1782
Hold 9.Queue	0.03227590	0.006231311	0	0.2106
P11 Seize to Order.Queue	0.00186641	0.000946333	0	0.06808525
P11 Seize to Pay.Queue	0.00137412	0.000723531	0	0.0914
P12 Seize to Order.Queue	0.00262314	0.001248746	0	0.1065
P12 Seize to Pay.Queue	0.00189587	0.001055518	0	0.08865974
P21 Seize to Order.Queue	0.00144581	0.000772420	0	0.0910
P21 Seize to Pay.Queue	0.00099243	0.000742148	0	0.1073
P22 Seize to Order.Queue	0.00184302	(Insufficient)	0	0.05975918
P22 Seize to Pay.Queue	0.00203729	(Insufficient)	0	0.06719111
P31 Seize to Order.Queue	0.00062515	(Insufficient)	0	0.03171994
P31 Seize to Pay.Queue	0.00152281	(Insufficient)	0	0.1218
P32 Seize to Order.Queue	0.00212561	(Insufficient)	0	0.02411904
P32 Seize to Pay.Queue	0.00179952	(Insufficient)	0	0.05364851
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.03962942	(Insufficient)	0	0.1707
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02010965	0.001313109	0	0.1538
Waiting Line 2.Queue	0.01084158	(Correlated)	0	0.1324
Waiting Line 3.Queue	0.00551447	(Insufficient)	0	0.1241
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 16	Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01330423	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4130	0.038605653	0	2.0000
Hold 9.Queue	0.1417	0.033138918	0	3.0000
P11 Seize to Order.Queue	0.01592669	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01171275	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02058538	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01487804	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00636157	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00435722	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00545884	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00603426	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00055370	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00134878	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00080976	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00068553	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00528392	(Insufficient)	0	2.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3294	0.025917046	0	1.0000
Waiting Line 2.Queue	0.07981465	0.019372815	0	1.0000
Waiting Line 3.Queue	0.00698499	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 16   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8224	0.026463765	0	1.0000
Machine 12	0.7481	0.039074753	0	1.0000
Machine 21	0.4191	0.039894960	0	1.0000
Machine 22	0.2855	0.039751426	0	1.0000
Machine 31	0.08475266	(Insufficient)	0	1.0000
Machine 32	0.03724184	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01219348	(Insufficient)	0	1.0000
Worker 1A	0.2422	0.059752584	0	1.0000
Worker 1B	0.2065	(Correlated)	0	1.0000
Worker 1C	0.2515	0.069428914	0	1.0000
Worker 2A	0.0922	0.023777448	0	1.0000
Worker 2B	0.1000	(Correlated)	0	1.0000
Worker 2C	0.1238	0.042439421	0	1.0000
Worker 3A	0.01340171	(Insufficient)	0	1.0000
Worker 3B	0.01730009	(Insufficient)	0	1.0000
Worker 3C	0.02392505	(Insufficient)	0	1.0000
Worker 4A	0.00081835	(Insufficient)	0	1.0000
Worker 4B	0.00200965	(Insufficient)	0	1.0000
Worker 4C	0.00260357	(Insufficient)	0	1.0000

Unnamed Project   Replications: 25

Replication 16   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8224	0.026463765	0	1.0000
Machine 12	0.7481	0.039074753	0	1.0000
Machine 21	0.4191	0.039894960	0	1.0000
Machine 22	0.2855	0.039751426	0	1.0000
Machine 31	0.08475266	(Insufficient)	0	1.0000
Machine 32	0.03724184	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01219348	(Insufficient)	0	1.0000
Worker 1A	0.2422	0.059752584	0	1.0000
Worker 1B	0.2065	(Correlated)	0	1.0000
Worker 1C	0.2515	0.069428914	0	1.0000
Worker 2A	0.0922	0.023777448	0	1.0000
Worker 2B	0.1000	(Correlated)	0	1.0000
Worker 2C	0.1238	0.042439421	0	1.0000
Worker 3A	0.01340171	(Insufficient)	0	1.0000
Worker 3B	0.01730009	(Insufficient)	0	1.0000
Worker 3C	0.02392505	(Insufficient)	0	1.0000
Worker 4A	0.00081835	(Insufficient)	0	1.0000
Worker 4B	0.00200965	(Insufficient)	0	1.0000
Worker 4C	0.00260357	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 16   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 16   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8224
Machine 12	0.7481
Machine 21	0.4191
Machine 22	0.2855
Machine 31	0.08475266
Machine 32	0.03724184
Machine 41	0
Machine 42	0.01219348
Worker 1A	0.4036
Worker 1B	0.3442
Worker 1C	0.4191
Worker 2A	0.1536
Worker 2B	0.1667
Worker 2C	0.2064
Worker 3A	0.02233619
Worker 3B	0.02883348
Worker 3C	0.03987509
Worker 4A	0.00136391
Worker 4B	0.00334942
Worker 4C	0.00433929

Unnamed Project

Replication 16   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	896.00
Machine 12	824.00
Machine 21	462.00
Machine 22	311.00
Machine 31	93.0000
Machine 32	40.0000
Machine 41	0
Machine 42	14.0000
Worker 1A	1,156.00
Worker 1B	1,034.00
Worker 1C	1,249.00
Worker 2A	445.00
Worker 2B	490.00
Worker 2C	610.00
Worker 3A	73.0000
Worker 3B	84.0000
Worker 3C	109.00
Worker 4A	6.0000
Worker 4B	8.0000
Worker 4C	14.0000

System

Other

Number Out	Value
System	5,620

Unnamed Project

Replications: 25

Replication 16   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	7,940.70	(Correlated)	-13,520	26,755.80
Profit Stat	7,940.70	(Correlated)	-13,520	26,755.80

Variable	Average	Half Width	Minimum	Maximum
Profit	7,940.70	(Correlated)	-13,520	26,755.80

Replication 17   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04428418	0.002714498	0	0.2970
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project   Replications: 25

Replication 17   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0946	0.000887575	0.04373315	0.2208
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1389	0.003182998	0.04407830	0.4172
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,577
Entity 1	2,921
Truck	2

Number Out	Value
Customer	2,575
Entity 1	2,921
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4077	0.228942410	0	14.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 17   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01915567	(Insufficient)	0	0.0974
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05234664	0.003609996	0	0.2353
Hold 9.Queue	0.03013281	0.003360821	0	0.1791
P11 Seize to Order.Queue	0.00272684	0.001407660	0	0.0995
P11 Seize to Pay.Queue	0.00135972	0.000749508	0	0.07085577
P12 Seize to Order.Queue	0.00264704	0.001551187	0	0.1071
P12 Seize to Pay.Queue	0.00231838	0.001195954	0	0.0959
P21 Seize to Order.Queue	0.00082990	0.000702883	0	0.06280770
P21 Seize to Pay.Queue	0.00045790	0.000329514	0	0.06199094
P22 Seize to Order.Queue	0.00191910	(Insufficient)	0	0.07370240
P22 Seize to Pay.Queue	0.00195407	(Insufficient)	0	0.06240397
P31 Seize to Order.Queue	0.00043825	(Insufficient)	0	0.03155376
P31 Seize to Pay.Queue	0.00056934	(Insufficient)	0	0.04099253
P32 Seize to Order.Queue	0.00076288	(Insufficient)	0	0.01980399
P32 Seize to Pay.Queue	0.00072940	(Insufficient)	0	0.01751652
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.02227672	(Insufficient)	0	0.1202
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.01998573	0.001181418	0	0.1405
Waiting Line 2.Queue	0.01083694	0.001310740	0	0.1125
Waiting Line 3.Queue	0.00785815	(Insufficient)	0	0.08938523
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 17   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01313532	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4392	0.041449561	0	3.0000
Hold 9.Queue	0.1314	0.023962905	0	2.0000
P11 Seize to Order.Queue	0.02290545	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01142166	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02054607	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01797299	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00361994	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00199731	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00553797	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00563890	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00030051	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00039041	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00029062	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00027787	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00148511	(Insufficient)	0	1.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3230	0.024978211	0	1.0000
Waiting Line 2.Queue	0.07854204	0.017909012	0	1.0000
Waiting Line 3.Queue	0.00838203	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

<div align="right">Replications: 25</div>

Replication 17   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8094	0.023852866	0	1.0000
Machine 12	0.7523	0.031881178	0	1.0000
Machine 21	0.4096	0.038869693	0	1.0000
Machine 22	0.2802	0.045368578	0	1.0000
Machine 31	0.06437017	(Insufficient)	0	1.0000
Machine 32	0.03757119	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00595135	(Insufficient)	0	1.0000
Worker 1A	0.2429	0.056477274	0	1.0000
Worker 1B	0.2021	(Correlated)	0	1.0000
Worker 1C	0.2523	0.068742002	0	1.0000
Worker 2A	0.08382419	0.023875834	0	1.0000
Worker 2B	0.1017	(Correlated)	0	1.0000
Worker 2C	0.1255	0.040992546	0	1.0000
Worker 3A	0.01349507	(Insufficient)	0	1.0000
Worker 3B	0.01416430	(Insufficient)	0	1.0000
Worker 3C	0.01737562	(Insufficient)	0	1.0000
Worker 4A	0.00060569	(Insufficient)	0	1.0000
Worker 4B	0.00161302	(Insufficient)	0	1.0000
Worker 4C	0.00082788	(Insufficient)	0	1.0000

Unnamed Project   Replications: 25

Replication 17   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8094	0.023852866	0	1.0000
Machine 12	0.7523	0.031881178	0	1.0000
Machine 21	0.4096	0.038869693	0	1.0000
Machine 22	0.2802	0.045368578	0	1.0000
Machine 31	0.06437017	(Insufficient)	0	1.0000
Machine 32	0.03757119	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00595135	(Insufficient)	0	1.0000
Worker 1A	0.2429	0.056477274	0	1.0000
Worker 1B	0.2021	(Correlated)	0	1.0000
Worker 1C	0.2523	0.068742002	0	1.0000
Worker 2A	0.08382419	0.023875834	0	1.0000
Worker 2B	0.1017	(Correlated)	0	1.0000
Worker 2C	0.1255	0.040992546	0	1.0000
Worker 3A	0.01349507	(Insufficient)	0	1.0000
Worker 3B	0.01416430	(Insufficient)	0	1.0000
Worker 3C	0.01737562	(Insufficient)	0	1.0000
Worker 4A	0.00060569	(Insufficient)	0	1.0000
Worker 4B	0.00161302	(Insufficient)	0	1.0000
Worker 4C	0.00082788	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 17   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 17   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8094
Machine 12	0.7523
Machine 21	0.4096
Machine 22	0.2802
Machine 31	0.06437017
Machine 32	0.03757119
Machine 41	0
Machine 42	0.00595135
Worker 1A	0.4048
Worker 1B	0.3368
Worker 1C	0.4204
Worker 2A	0.1397
Worker 2B	0.1695
Worker 2C	0.2092
Worker 3A	0.02249178
Worker 3B	0.02360717
Worker 3C	0.02895936
Worker 4A	0.00100949
Worker 4B	0.00268836
Worker 4C	0.00137979

Unnamed Project

Replication 17   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	882.00
Machine 12	815.00
Machine 21	458.00
Machine 22	303.00
Machine 31	72.0000
Machine 32	40.0000
Machine 41	0
Machine 42	7.0000
Worker 1A	1,147.00
Worker 1B	1,015.00
Worker 1C	1,231.00
Worker 2A	417.00
Worker 2B	505.00
Worker 2C	600.00
Worker 3A	61.0000
Worker 3B	73.0000
Worker 3C	90.0000
Worker 4A	4.0000
Worker 4B	7.0000
Worker 4C	3.0000

System

Other

Number Out	Value
System	5,498

Unnamed Project

<div align="right">Replications: 25</div>

Replication 17   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	8,615.87	(Correlated)	-13,520	27,605.00
Profit Stat	8,615.87	(Correlated)	-13,520	27,605.00

Variable	Average	Half Width	Minimum	Maximum
Profit	8,615.87	(Correlated)	-13,520	27,605.00

Replication 18   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04117939	(Correlated)	0	0.2895
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project   Replications: 25

Replication 18   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.08963241	(Correlated)	0	0.2380
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1308	(Correlated)	0	0.4488
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,534
Entity 1	2,896
Truck	2

Number Out	Value
Customer	2,532
Entity 1	2,896
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.1564	(Correlated)	0	12.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Category by Replication

Unnamed Project

Replication 18   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01734736	(Insufficient)	0	0.0943
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05111632	0.004833556	0	0.2240
Hold 9.Queue	0.03191334	0.004578717	0	0.1799
P11 Seize to Order.Queue	0.00173559	0.001017290	0	0.0958
P11 Seize to Pay.Queue	0.00122261	0.000761931	0	0.07717096
P12 Seize to Order.Queue	0.00232642	0.001344346	0	0.1357
P12 Seize to Pay.Queue	0.00210760	0.001261406	0	0.07924264
P21 Seize to Order.Queue	0.00084663	0.000741446	0	0.07413630
P21 Seize to Pay.Queue	0.00067914	0.000566603	0	0.05524131
P22 Seize to Order.Queue	0.00192684	(Insufficient)	0	0.07976609
P22 Seize to Pay.Queue	0.00120503	(Insufficient)	0	0.07705899
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0.00025184	(Insufficient)	0	0.01053951
P32 Seize to Order.Queue	0.00050764	(Insufficient)	0	0.02182841
P32 Seize to Pay.Queue	0.00009197	(Insufficient)	0	0.00395454
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.03511112	(Insufficient)	0	0.2128
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.01955343	0.001668849	0	0.1664
Waiting Line 2.Queue	0.01054974	(Correlated)	0	0.1219
Waiting Line 3.Queue	0.01000575	(Insufficient)	0	0.1033
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replication 18	Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01272140	(Insufficient)	0	1.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4087	0.058819727	0	3.0000
Hold 9.Queue	0.1243	0.023279337	0	2.0000
P11 Seize to Order.Queue	0.01388476	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00978087	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01657297	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01501414	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00329781	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00264543	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00486298	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00304127	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0.00018468	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00020789	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00003766	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00334392	(Insufficient)	0	2.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.2957	0.040653740	0	1.0000
Waiting Line 2.Queue	0.06771928	0.014211759	0	1.0000
Waiting Line 3.Queue	0.01143514	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 18   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.7710	(Correlated)	0	1.0000
Machine 12	0.6908	(Correlated)	0	1.0000
Machine 21	0.3676	0.056692149	0	1.0000
Machine 22	0.2505	0.047582179	0	1.0000
Machine 31	0.06896632	(Insufficient)	0	1.0000
Machine 32	0.03528334	(Insufficient)	0	1.0000
Machine 41	0.00096390	(Insufficient)	0	1.0000
Machine 42	0.00860341	(Insufficient)	0	1.0000
Worker 1A	0.2353	0.058503448	0	1.0000
Worker 1B	0.1961	(Correlated)	0	1.0000
Worker 1C	0.2267	0.067183526	0	1.0000
Worker 2A	0.08773558	0.025511454	0	1.0000
Worker 2B	0.0917	0.024271130	0	1.0000
Worker 2C	0.1003	0.034953547	0	1.0000
Worker 3A	0.01580352	(Insufficient)	0	1.0000
Worker 3B	0.01341916	(Insufficient)	0	1.0000
Worker 3C	0.01675702	(Insufficient)	0	1.0000
Worker 4A	0.00079720	(Insufficient)	0	1.0000
Worker 4B	0.00076680	(Insufficient)	0	1.0000
Worker 4C	0.00276522	(Insufficient)	0	1.0000

Unnamed Project

Replication 18

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.7710	(Correlated)	0	1.0000
Machine 12	0.6908	(Correlated)	0	1.0000
Machine 21	0.3676	0.056692149	0	1.0000
Machine 22	0.2505	0.047582179	0	1.0000
Machine 31	0.06896632	(Insufficient)	0	1.0000
Machine 32	0.03528334	(Insufficient)	0	1.0000
Machine 41	0.00096390	(Insufficient)	0	1.0000
Machine 42	0.00860341	(Insufficient)	0	1.0000
Worker 1A	0.2353	0.058503448	0	1.0000
Worker 1B	0.1961	(Correlated)	0	1.0000
Worker 1C	0.2267	0.067183526	0	1.0000
Worker 2A	0.08773558	0.025511454	0	1.0000
Worker 2B	0.0917	0.024271130	0	1.0000
Worker 2C	0.1003	0.034953547	0	1.0000
Worker 3A	0.01580352	(Insufficient)	0	1.0000
Worker 3B	0.01341916	(Insufficient)	0	1.0000
Worker 3C	0.01675702	(Insufficient)	0	1.0000
Worker 4A	0.00079720	(Insufficient)	0	1.0000
Worker 4B	0.00076680	(Insufficient)	0	1.0000
Worker 4C	0.00276522	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 18   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project   Replications: 25

Replication 18   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.7710
Machine 12	0.6908
Machine 21	0.3676
Machine 22	0.2505
Machine 31	0.06896632
Machine 32	0.03528334
Machine 41	0.00096390
Machine 42	0.00860341
Worker 1A	0.3921
Worker 1B	0.3268
Worker 1C	0.3778
Worker 2A	0.1462
Worker 2B	0.1529
Worker 2C	0.1671
Worker 3A	0.02633919
Worker 3B	0.02236527
Worker 3C	0.02792836
Worker 4A	0.00132867
Worker 4B	0.00127800
Worker 4C	0.00460870

Unnamed Project

Replications: 25

Replication 18

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	840.00
Machine 12	748.00
Machine 21	409.00
Machine 22	265.00
Machine 31	77.0000
Machine 32	43.0000
Machine 41	1.0000
Machine 42	10.0000
Worker 1A	1,135.00
Worker 1B	922.00
Worker 1C	1,119.00
Worker 2A	412.00
Worker 2B	447.00
Worker 2C	489.00
Worker 3A	88.0000
Worker 3B	70.0000
Worker 3C	82.0000
Worker 4A	5.0000
Worker 4B	4.0000
Worker 4C	13.0000

System

Other

Number Out	Value
System	5,430

Unnamed Project
<div align="right">Replications: 25</div>

Replication 18   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0.02233948	(Insufficient)	0	1.0000
Leave Stat	9,416.27	(Correlated)	-13,520	28,487.50
Profit Stat	9,416.49	(Correlated)	-13,520	28,487.50

Variable	Average	Half Width	Minimum	Maximum
Profit	9,416.49	(Correlated)	-13,520	28,487.50

Replication 19   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04485624	(Correlated)	0	0.2863
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

Replication 19

	Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0948	0.001262778	0.04473233	0.2546
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1396	(Correlated)	0.04473233	0.3842
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,656
Entity 1	2,908
Truck	2

Number Out	Value
Customer	2,655
Entity 1	2,908
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.5308	0.210358880	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

<div style="text-align: right">**Replications: 25**</div>

Replication 19   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.02341868	(Insufficient)	0	0.1271
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05179780	(Correlated)	0	0.2081
Hold 9.Queue	0.02668244	0.003133585	0	0.1999
P11 Seize to Order.Queue	0.00237298	0.001036834	0	0.07277659
P11 Seize to Pay.Queue	0.00167827	0.000800184	0	0.07933856
P12 Seize to Order.Queue	0.00271059	0.001528927	0	0.08953867
P12 Seize to Pay.Queue	0.00225220	0.001324499	0	0.0944
P21 Seize to Order.Queue	0.00124809	0.000954085	0	0.1038
P21 Seize to Pay.Queue	0.00106896	0.000867843	0	0.1070
P22 Seize to Order.Queue	0.00226107	(Insufficient)	0	0.1041
P22 Seize to Pay.Queue	0.00281636	(Insufficient)	0	0.08689136
P31 Seize to Order.Queue	0.00048831	(Insufficient)	0	0.01928266
P31 Seize to Pay.Queue	0.00105554	(Insufficient)	0	0.07267013
P32 Seize to Order.Queue	0.00363586	(Insufficient)	0	0.1080
P32 Seize to Pay.Queue	0.00067596	(Insufficient)	0	0.03041826
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.02275335	(Insufficient)	0	0.1728
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02122029	0.001036018	0	0.1538
Waiting Line 2.Queue	0.01050100	0.001414206	0	0.1513
Waiting Line 3.Queue	0.01085928	(Insufficient)	0	0.1287
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

| Replication 19 | Start Time: | 0.00 | Stop Time: | 105.00 | Time Units: | Hours |

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01806584	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4479	0.038583576	0	3.0000
Hold 9.Queue	0.1182	0.018724763	0	2.0000
P11 Seize to Order.Queue	0.02054321	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01452899	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02199453	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01827503	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00552723	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00473399	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00626638	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00780534	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00037670	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00081427	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00155822	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00028970	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00281708	(Insufficient)	0	1.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3559	0.020278134	0	1.0000
Waiting Line 2.Queue	0.07560721	0.016363918	0	1.0000
Waiting Line 3.Queue	0.01303113	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replication 19   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8309	0.021762433	0	1.0000
Machine 12	0.7866	0.029692380	0	1.0000
Machine 21	0.4231	0.034020436	0	1.0000
Machine 22	0.2711	0.034774435	0	1.0000
Machine 31	0.07632845	(Insufficient)	0	1.0000
Machine 32	0.04318727	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01190368	(Insufficient)	0	1.0000
Worker 1A	0.2509	0.061026951	0	1.0000
Worker 1B	0.2022	(Correlated)	0	1.0000
Worker 1C	0.2680	0.071836012	0	1.0000
Worker 2A	0.0906	0.025480723	0	1.0000
Worker 2B	0.0953	0.023647698	0	1.0000
Worker 2C	0.1243	0.040697406	0	1.0000
Worker 3A	0.01431919	(Insufficient)	0	1.0000
Worker 3B	0.01996109	(Insufficient)	0	1.0000
Worker 3C	0.02294099	(Insufficient)	0	1.0000
Worker 4A	0.00144160	(Insufficient)	0	1.0000
Worker 4B	0.00174304	(Insufficient)	0	1.0000
Worker 4C	0.00267142	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 19　　Start Time:　　0.00　Stop Time:　　105.00　Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8309	0.021762433	0	1.0000
Machine 12	0.7866	0.029692380	0	1.0000
Machine 21	0.4231	0.034020436	0	1.0000
Machine 22	0.2711	0.034774435	0	1.0000
Machine 31	0.07632845	(Insufficient)	0	1.0000
Machine 32	0.04318727	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01190368	(Insufficient)	0	1.0000
Worker 1A	0.2509	0.061026951	0	1.0000
Worker 1B	0.2022	(Correlated)	0	1.0000
Worker 1C	0.2680	0.071836012	0	1.0000
Worker 2A	0.0906	0.025480723	0	1.0000
Worker 2B	0.0953	0.023647698	0	1.0000
Worker 2C	0.1243	0.040697406	0	1.0000
Worker 3A	0.01431919	(Insufficient)	0	1.0000
Worker 3B	0.01996109	(Insufficient)	0	1.0000
Worker 3C	0.02294099	(Insufficient)	0	1.0000
Worker 4A	0.00144160	(Insufficient)	0	1.0000
Worker 4B	0.00174304	(Insufficient)	0	1.0000
Worker 4C	0.00267142	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 19   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 19   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8309
Machine 12	0.7866
Machine 21	0.4231
Machine 22	0.2711
Machine 31	0.07632845
Machine 32	0.04318727
Machine 41	0
Machine 42	0.01190368
Worker 1A	0.4182
Worker 1B	0.3371
Worker 1C	0.4467
Worker 2A	0.1510
Worker 2B	0.1589
Worker 2C	0.2072
Worker 3A	0.02386532
Worker 3B	0.03326849
Worker 3C	0.03823498
Worker 4A	0.00240267
Worker 4B	0.00290506
Worker 4C	0.00445237

Unnamed Project

Replication 19   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	909.00
Machine 12	852.00
Machine 21	465.00
Machine 22	291.00
Machine 31	81.0000
Machine 32	45.0000
Machine 41	0
Machine 42	13.0000
Worker 1A	1,242.00
Worker 1B	1,034.00
Worker 1C	1,246.00
Worker 2A	446.00
Worker 2B	474.00
Worker 2C	592.00
Worker 3A	71.0000
Worker 3B	84.0000
Worker 3C	97.0000
Worker 4A	10.0000
Worker 4B	9.0000
Worker 4C	7.0000

System

Other

Number Out	Value
System	5,565

Unnamed Project

Replication 19

	Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	9,503.54	(Correlated)	-13,520	28,690.00
Profit Stat	9,503.54	(Correlated)	-13,520	28,690.00

Variable	Average	Half Width	Minimum	Maximum
Profit	9,503.54	(Correlated)	-13,520	28,690.00

Replication 2

	Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04270429	(Correlated)	0	0.2694
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

Replication 2   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.08842242	(Correlated)	0	0.2773
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1311	(Correlated)	0	0.3758
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,646
Entity 1	2,844
Truck	2

Number Out	Value
Customer	2,642
Entity 1	2,844
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.3021	(Correlated)	0	15.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replication 2   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01492725	(Insufficient)	0	0.1037
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05505518	0.004451983	0	0.2200
Hold 9.Queue	0.03091897	0.004023282	0	0.1916
P11 Seize to Order.Queue	0.00293390	0.001818734	0	0.08640258
P11 Seize to Pay.Queue	0.00175581	0.001069321	0	0.08602657
P12 Seize to Order.Queue	0.00245398	0.001335770	0	0.1078
P12 Seize to Pay.Queue	0.00225780	0.001441793	0	0.0970
P21 Seize to Order.Queue	0.00089961	0.000756943	0	0.05771734
P21 Seize to Pay.Queue	0.00092940	0.000775156	0	0.0927
P22 Seize to Order.Queue	0.00254253	(Insufficient)	0	0.1013
P22 Seize to Pay.Queue	0.00184659	(Insufficient)	0	0.1089
P31 Seize to Order.Queue	0.00065495	(Insufficient)	0	0.02744992
P31 Seize to Pay.Queue	0.00009416	(Insufficient)	0	0.00772121
P32 Seize to Order.Queue	0.00176339	(Insufficient)	0	0.02080344
P32 Seize to Pay.Queue	0.00237366	(Insufficient)	0	0.05141132
P41 Seize to Order.Queue	0.01203353	(Insufficient)	0	0.02406705
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.02956215	(Insufficient)	0	0.1376
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02026432	0.001954304	0	0.1376
Waiting Line 2.Queue	0.01177149	0.001988313	0	0.1492
Waiting Line 3.Queue	0.00537847	(Insufficient)	0	0.1309
Waiting Line 4.Queue	0.00643377	(Insufficient)	0	0.05790397

Other

Category by Replication

Unnamed Project

Replications: 25

Replication 2   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01165747	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4392	0.069346749	0	3.0000
Hold 9.Queue	0.1290	0.028980607	0	2.0000
P11 Seize to Order.Queue	0.02344322	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01401302	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01808936	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01662169	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00375265	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00387693	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00702223	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00510009	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00051148	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00007354	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00058780	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00079122	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00022921	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00197081	(Insufficient)	0	2.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3115	0.047014562	0	1.0000
Waiting Line 2.Queue	0.08161566	0.023015681	0	1.0000
Waiting Line 3.Queue	0.00599316	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0.00055147	(Insufficient)	0	1.0000

Resource

Unnamed Project

Replication 2

Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.7636	(Correlated)	0	1.0000
Machine 12	0.7212	(Correlated)	0	1.0000
Machine 21	0.3934	0.065807500	0	1.0000
Machine 22	0.2717	0.060842744	0	1.0000
Machine 31	0.07707833	(Insufficient)	0	1.0000
Machine 32	0.03166364	(Insufficient)	0	1.0000
Machine 41	0.00202291	(Insufficient)	0	1.0000
Machine 42	0.00639546	(Insufficient)	0	1.0000
Worker 1A	0.2229	0.055917136	0	1.0000
Worker 1B	0.1936	0.053208100	0	1.0000
Worker 1C	0.2500	0.073467352	0	1.0000
Worker 2A	0.07564758	0.021788725	0	1.0000
Worker 2B	0.08933078	0.026056904	0	1.0000
Worker 2C	0.1337	0.046316934	0	1.0000
Worker 3A	0.00972494	(Insufficient)	0	1.0000
Worker 3B	0.01665715	(Insufficient)	0	1.0000
Worker 3C	0.02363798	(Insufficient)	0	1.0000
Worker 4A	0.00018506	(Insufficient)	0	1.0000
Worker 4B	0.00178001	(Insufficient)	0	1.0000
Worker 4C	0.00164378	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 2   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.7636	(Correlated)	0	1.0000
Machine 12	0.7212	(Correlated)	0	1.0000
Machine 21	0.3934	0.065807500	0	1.0000
Machine 22	0.2717	0.060842744	0	1.0000
Machine 31	0.07707833	(Insufficient)	0	1.0000
Machine 32	0.03166364	(Insufficient)	0	1.0000
Machine 41	0.00202291	(Insufficient)	0	1.0000
Machine 42	0.00639546	(Insufficient)	0	1.0000
Worker 1A	0.2229	0.055917136	0	1.0000
Worker 1B	0.1936	0.053208100	0	1.0000
Worker 1C	0.2500	0.073467352	0	1.0000
Worker 2A	0.07564758	0.021788725	0	1.0000
Worker 2B	0.08933078	0.026056904	0	1.0000
Worker 2C	0.1337	0.046316934	0	1.0000
Worker 3A	0.00972494	(Insufficient)	0	1.0000
Worker 3B	0.01665715	(Insufficient)	0	1.0000
Worker 3C	0.02363798	(Insufficient)	0	1.0000
Worker 4A	0.00018506	(Insufficient)	0	1.0000
Worker 4B	0.00178001	(Insufficient)	0	1.0000
Worker 4C	0.00164378	(Insufficient)	0	1.0000

Unnamed Project

| Replication 2 | Start Time: | 0.00 | Stop Time: | 105.00 | Time Units: | Hours |

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project   Replications: 25

Replication 2   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.7636
Machine 12	0.7212
Machine 21	0.3934
Machine 22	0.2717
Machine 31	0.07707833
Machine 32	0.03166364
Machine 41	0.00202291
Machine 42	0.00639546
Worker 1A	0.3715
Worker 1B	0.3227
Worker 1C	0.4167
Worker 2A	0.1261
Worker 2B	0.1489
Worker 2C	0.2228
Worker 3A	0.01620823
Worker 3B	0.02776192
Worker 3C	0.03939663
Worker 4A	0.00030843
Worker 4B	0.00296668
Worker 4C	0.00273963

Unnamed Project

Replications: 25

Replication 2

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	839.00
Machine 12	774.00
Machine 21	438.00
Machine 22	290.00
Machine 31	82.0000
Machine 32	35.0000
Machine 41	2.0000
Machine 42	7.0000
Worker 1A	1,091.00
Worker 1B	952.00
Worker 1C	1,181.00
Worker 2A	377.00
Worker 2B	448.00
Worker 2C	631.00
Worker 3A	47.0000
Worker 3B	78.0000
Worker 3C	109.00
Worker 4A	1.0000
Worker 4B	8.0000
Worker 4C	9.0000

System

Other

Number Out	Value
System	5,488

Unnamed Project

Replications: 25

Replication 2   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0.02879520	(Insufficient)	0	1.0000
Leave Stat	9,771.71	(Correlated)	-13,520	29,080.00
Profit Stat	9,772.00	(Correlated)	-13,520	29,080.00

Variable	Average	Half Width	Minimum	Maximum
Profit	9,772.00	(Correlated)	-13,520	29,080.00

Replication 20   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04486263	0.002695837	0	0.2789
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

Replication 20　　Start Time:　　0.00　Stop Time:　　105.00　Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0947	0.001042124	0.04268538	0.2363
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1395	0.003293463	0.04430859	0.3883
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,607
Entity 1	2,917
Truck	2

Number Out	Value
Customer	2,607
Entity 1	2,917
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4647	0.226038957	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Category by Replication

Unnamed Project

Replication 20   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01667240	(Insufficient)	0	0.1212
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05268623	0.004156537	0	0.2219
Hold 9.Queue	0.03186907	0.004810584	0	0.2022
P11 Seize to Order.Queue	0.00225561	0.001202736	0	0.0916
P11 Seize to Pay.Queue	0.00146979	0.000803963	0	0.0990
P12 Seize to Order.Queue	0.00254272	0.001652204	0	0.0982
P12 Seize to Pay.Queue	0.00236680	0.001256452	0	0.08172519
P21 Seize to Order.Queue	0.00155811	0.001040333	0	0.0975
P21 Seize to Pay.Queue	0.00070946	0.000524372	0	0.07371946
P22 Seize to Order.Queue	0.00214941	(Insufficient)	0	0.08331307
P22 Seize to Pay.Queue	0.00199107	(Insufficient)	0	0.08539785
P31 Seize to Order.Queue	0.00013071	(Insufficient)	0	0.00686045
P31 Seize to Pay.Queue	0.00005903	(Insufficient)	0	0.00454545
P32 Seize to Order.Queue	0.00163199	(Insufficient)	0	0.05875178
P32 Seize to Pay.Queue	0.00288455	(Insufficient)	0	0.06924049
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.01801420	(Insufficient)	0	0.06762996
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02054265	0.001635698	0	0.1568
Waiting Line 2.Queue	0.01018508	0.001807242	0	0.1213
Waiting Line 3.Queue	0.00623731	(Insufficient)	0	0.1361
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

<div align="right">Replications: 25</div>

Replication 20

	Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01222643	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4506	0.039293005	0	3.0000
Hold 9.Queue	0.1369	0.024473625	0	2.0000
P11 Seize to Order.Queue	0.01929082	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01257024	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02017225	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01877659	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00669247	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00304731	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00624351	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00578357	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00009585	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00004329	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00055954	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00098899	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00120095	(Insufficient)	0	1.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3387	0.025225473	0	1.0000
Waiting Line 2.Queue	0.07333256	0.017121742	0	1.0000
Waiting Line 3.Queue	0.00671253	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 20   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8177	0.026928475	0	1.0000
Machine 12	0.7596	0.035814644	0	1.0000
Machine 21	0.4115	0.043151765	0	1.0000
Machine 22	0.2905	0.043826394	0	1.0000
Machine 31	0.07150348	(Insufficient)	0	1.0000
Machine 32	0.03494831	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00628349	(Insufficient)	0	1.0000
Worker 1A	0.2496	0.062220995	0	1.0000
Worker 1B	0.2065	(Correlated)	0	1.0000
Worker 1C	0.2480	0.064626189	0	1.0000
Worker 2A	0.0964	0.023928852	0	1.0000
Worker 2B	0.1042	(Correlated)	0	1.0000
Worker 2C	0.1167	0.037357857	0	1.0000
Worker 3A	0.01643688	(Insufficient)	0	1.0000
Worker 3B	0.01882680	(Insufficient)	0	1.0000
Worker 3C	0.01401297	(Insufficient)	0	1.0000
Worker 4A	0.00130505	(Insufficient)	0	1.0000
Worker 4B	0.00152768	(Insufficient)	0	1.0000
Worker 4C	0.00016504	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 20   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8177	0.026928475	0	1.0000
Machine 12	0.7596	0.035814644	0	1.0000
Machine 21	0.4115	0.043151765	0	1.0000
Machine 22	0.2905	0.043826394	0	1.0000
Machine 31	0.07150348	(Insufficient)	0	1.0000
Machine 32	0.03494831	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00628349	(Insufficient)	0	1.0000
Worker 1A	0.2496	0.062220995	0	1.0000
Worker 1B	0.2065	(Correlated)	0	1.0000
Worker 1C	0.2480	0.064626189	0	1.0000
Worker 2A	0.0964	0.023928852	0	1.0000
Worker 2B	0.1042	(Correlated)	0	1.0000
Worker 2C	0.1167	0.037357857	0	1.0000
Worker 3A	0.01643688	(Insufficient)	0	1.0000
Worker 3B	0.01882680	(Insufficient)	0	1.0000
Worker 3C	0.01401297	(Insufficient)	0	1.0000
Worker 4A	0.00130505	(Insufficient)	0	1.0000
Worker 4B	0.00152768	(Insufficient)	0	1.0000
Worker 4C	0.00016504	(Insufficient)	0	1.0000

Unnamed Project

Replication 20   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 20   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8177
Machine 12	0.7596
Machine 21	0.4115
Machine 22	0.2905
Machine 31	0.07150348
Machine 32	0.03494831
Machine 41	0
Machine 42	0.00628349
Worker 1A	0.4159
Worker 1B	0.3442
Worker 1C	0.4134
Worker 2A	0.1607
Worker 2B	0.1737
Worker 2C	0.1946
Worker 3A	0.02739479
Worker 3B	0.03137801
Worker 3C	0.02335495
Worker 4A	0.00217509
Worker 4B	0.00254613
Worker 4C	0.00027507

Unnamed Project

Replication 20

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	898.00
Machine 12	833.00
Machine 21	451.00
Machine 22	305.00
Machine 31	77.0000
Machine 32	36.0000
Machine 41	0
Machine 42	7.0000
Worker 1A	1,208.00
Worker 1B	1,027.00
Worker 1C	1,227.00
Worker 2A	440.00
Worker 2B	499.00
Worker 2C	573.00
Worker 3A	67.0000
Worker 3B	88.0000
Worker 3C	71.0000
Worker 4A	8.0000
Worker 4B	5.0000
Worker 4C	1.0000

System

Other

Number Out	Value
System	5,526

Unnamed Project

Replications: 25

Replication 20   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	8,355.79	(Correlated)	-13,520	25,969.40
Profit Stat	8,355.79	(Correlated)	-13,520	25,969.40

Variable	Average	Half Width	Minimum	Maximum
Profit	8,355.79	(Correlated)	-13,520	25,969.40

Replication 21   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04438004	0.002394280	0	0.3147
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replication 21   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0943	0.000969901	0.04461926	0.3062
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1387	(Correlated)	0.04574677	0.3985
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,597
Entity 1	2,992
Truck	2

Number Out	Value
Customer	2,594
Entity 1	2,992
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4277	0.269478662	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replication 21   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01633683	(Insufficient)	0	0.1327
Hold 12.Queue	0.1348	(Insufficient)	0.1348	0.1348
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05416497	0.003805113	0	0.2661
Hold 9.Queue	0.02997156	0.003777177	0	0.1945
P11 Seize to Order.Queue	0.00214292	0.001053311	0	0.08369645
P11 Seize to Pay.Queue	0.00156707	0.000801402	0	0.1038
P12 Seize to Order.Queue	0.00263726	0.001268078	0	0.08021743
P12 Seize to Pay.Queue	0.00191078	0.000849675	0	0.06566325
P21 Seize to Order.Queue	0.00115052	0.000888582	0	0.08184220
P21 Seize to Pay.Queue	0.00052840	0.000428236	0	0.05214144
P22 Seize to Order.Queue	0.00155014	(Insufficient)	0	0.04207062
P22 Seize to Pay.Queue	0.00212241	(Insufficient)	0	0.08188836
P31 Seize to Order.Queue	0.00047509	(Insufficient)	0	0.01826916
P31 Seize to Pay.Queue	0.00070894	(Insufficient)	0	0.04355585
P32 Seize to Order.Queue	0.00243926	(Insufficient)	0	0.02427646
P32 Seize to Pay.Queue	0.00429754	(Insufficient)	0	0.06504215
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00560711	(Insufficient)	0	0.02242843
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.01940602	0.001409203	0	0.1891
Waiting Line 2.Queue	0.01114485	0.001362081	0	0.1297
Waiting Line 3.Queue	0.00574570	(Insufficient)	0	0.1152
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 21   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

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Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01306946	(Insufficient)	0	1.0000
Hold 12.Queue	0.00128339	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4612	0.043315707	0	4.0000
Hold 9.Queue	0.1282	0.027352586	0	2.0000
P11 Seize to Order.Queue	0.01826587	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01334244	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02072129	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01499504	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00491983	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00225954	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00445849	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00610445	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00038007	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00056715	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00083632	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00147344	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00021360	(Insufficient)	0	1.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3179	0.030996875	0	1.0000
Waiting Line 2.Queue	0.07971218	0.018362486	0	1.0000
Waiting Line 3.Queue	0.00656652	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 21 Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8075	0.023936812	0	1.0000
Machine 12	0.7598	0.033381482	0	1.0000
Machine 21	0.4105	0.049911569	0	1.0000
Machine 22	0.2793	0.047716695	0	1.0000
Machine 31	0.07520222	(Insufficient)	0	1.0000
Machine 32	0.03279521	(Insufficient)	0	1.0000
Machine 41	0.00108300	(Insufficient)	0	1.0000
Machine 42	0.00390949	(Insufficient)	0	1.0000
Worker 1A	0.2417	0.058636992	0	1.0000
Worker 1B	0.1953	(Correlated)	0	1.0000
Worker 1C	0.2619	0.068931135	0	1.0000
Worker 2A	0.08985805	0.024638800	0	1.0000
Worker 2B	0.0996	0.024450334	0	1.0000
Worker 2C	0.1248	0.039993769	0	1.0000
Worker 3A	0.01587016	(Insufficient)	0	1.0000
Worker 3B	0.01360541	(Insufficient)	0	1.0000
Worker 3C	0.01848126	(Insufficient)	0	1.0000
Worker 4A	0.00017152	(Insufficient)	0	1.0000
Worker 4B	0.00023802	(Insufficient)	0	1.0000
Worker 4C	0.00191629	(Insufficient)	0	1.0000

Unnamed Project   Replications: 25

Replication 21   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8075	0.023936812	0	1.0000
Machine 12	0.7598	0.033381482	0	1.0000
Machine 21	0.4105	0.049911569	0	1.0000
Machine 22	0.2793	0.047716695	0	1.0000
Machine 31	0.07520222	(Insufficient)	0	1.0000
Machine 32	0.03279521	(Insufficient)	0	1.0000
Machine 41	0.00108300	(Insufficient)	0	1.0000
Machine 42	0.00390949	(Insufficient)	0	1.0000
Worker 1A	0.2417	0.058636992	0	1.0000
Worker 1B	0.1953	(Correlated)	0	1.0000
Worker 1C	0.2619	0.068931135	0	1.0000
Worker 2A	0.08985805	0.024638800	0	1.0000
Worker 2B	0.0996	0.024450334	0	1.0000
Worker 2C	0.1248	0.039993769	0	1.0000
Worker 3A	0.01587016	(Insufficient)	0	1.0000
Worker 3B	0.01360541	(Insufficient)	0	1.0000
Worker 3C	0.01848126	(Insufficient)	0	1.0000
Worker 4A	0.00017152	(Insufficient)	0	1.0000
Worker 4B	0.00023802	(Insufficient)	0	1.0000
Worker 4C	0.00191629	(Insufficient)	0	1.0000

Unnamed Project

Replication 21   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replication 21   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8075
Machine 12	0.7598
Machine 21	0.4105
Machine 22	0.2793
Machine 31	0.07520222
Machine 32	0.03279521
Machine 41	0.00108300
Machine 42	0.00390949
Worker 1A	0.4028
Worker 1B	0.3255
Worker 1C	0.4365
Worker 2A	0.1498
Worker 2B	0.1661
Worker 2C	0.2081
Worker 3A	0.02645027
Worker 3B	0.02267569
Worker 3C	0.03080210
Worker 4A	0.00028586
Worker 4B	0.00039670
Worker 4C	0.00319382

Unnamed Project

Replications: 25

Replication 21   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	895.00
Machine 12	825.00
Machine 21	449.00
Machine 22	302.00
Machine 31	84.0000
Machine 32	36.0000
Machine 41	1.0000
Machine 42	4.0000
Worker 1A	1,182.00
Worker 1B	987.00
Worker 1C	1,269.00
Worker 2A	424.00
Worker 2B	461.00
Worker 2C	617.00
Worker 3A	83.0000
Worker 3B	65.0000
Worker 3C	92.0000
Worker 4A	1.0000
Worker 4B	3.0000
Worker 4C	6.0000

System

Other

Number Out	Value
System	5,588

Unnamed Project

Replications: 25

Replication 21

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	9,136.99	(Correlated)	-13,520	27,617.50
Profit Stat	9,136.99	(Correlated)	-13,520	27,617.50

Variable	Average	Half Width	Minimum	Maximum
Profit	9,136.99	(Correlated)	-13,520	27,617.50

Replication 22

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04329848	0.002485478	0	0.2972
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

Replication 22   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0946	0.001017917	0.03943778	0.2401
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1379	0.002841647	0.03943778	0.3832
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,563
Entity 1	3,001
Truck	2

Number Out	Value
Customer	2,560
Entity 1	3,001
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.3679	0.202405631	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project   Replications: 25

Replication 22   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01189299	(Insufficient)	0	0.1326
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05123721	0.003504876	0	0.2315
Hold 9.Queue	0.02815943	0.002813814	0	0.1759
P11 Seize to Order.Queue	0.00249960	0.001508838	0	0.1412
P11 Seize to Pay.Queue	0.00157010	0.000951691	0	0.05532429
P12 Seize to Order.Queue	0.00269838	0.001374632	0	0.07905920
P12 Seize to Pay.Queue	0.00202944	0.001037975	0	0.0946
P21 Seize to Order.Queue	0.00106164	0.000751294	0	0.07561134
P21 Seize to Pay.Queue	0.00073218	0.000471629	0	0.06133556
P22 Seize to Order.Queue	0.00192360	(Insufficient)	0	0.05293096
P22 Seize to Pay.Queue	0.00220166	(Insufficient)	0	0.07413256
P31 Seize to Order.Queue	0.00005327	(Insufficient)	0	0.00420868
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00160574	(Insufficient)	0	0.01960410
P32 Seize to Pay.Queue	0.00057491	(Insufficient)	0	0.01250867
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0	(Insufficient)	0	0
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02004223	0.001514235	0	0.1510
Waiting Line 2.Queue	0.01115248	0.001861386	0	0.1507
Waiting Line 3.Queue	0.00429685	(Insufficient)	0	0.07943731
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replication 22   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.00894806	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4294	0.029814763	0	3.0000
Hold 9.Queue	0.1196	0.021348504	0	2.0000
P11 Seize to Order.Queue	0.02099661	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01317388	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02115018	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01590695	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00450945	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00311001	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00555096	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00635336	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00004008	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00039761	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00014236	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0	(Insufficient)	0	0
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3254	0.025167063	0	1.0000
Waiting Line 2.Queue	0.07955438	0.016283445	0	1.0000
Waiting Line 3.Queue	0.00429685	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 22 Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8173	0.026796895	0	1.0000
Machine 12	0.7524	0.030135600	0	1.0000
Machine 21	0.4050	0.039370409	0	1.0000
Machine 22	0.2739	0.042699278	0	1.0000
Machine 31	0.07145641	(Insufficient)	0	1.0000
Machine 32	0.02338832	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00437019	(Insufficient)	0	1.0000
Worker 1A	0.2432	0.059512521	0	1.0000
Worker 1B	0.2072	(Correlated)	0	1.0000
Worker 1C	0.2606	0.068664969	0	1.0000
Worker 2A	0.08306713	0.021260669	0	1.0000
Worker 2B	0.08686530	0.022872587	0	1.0000
Worker 2C	0.1314	0.035420601	0	1.0000
Worker 3A	0.01201151	(Insufficient)	0	1.0000
Worker 3B	0.01350894	(Insufficient)	0	1.0000
Worker 3C	0.01765812	(Insufficient)	0	1.0000
Worker 4A	0.00053325	(Insufficient)	0	1.0000
Worker 4B	0.00109148	(Insufficient)	0	1.0000
Worker 4C	0.00041212	(Insufficient)	0	1.0000

Unnamed Project

Replication 22   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8173	0.026796895	0	1.0000
Machine 12	0.7524	0.030135600	0	1.0000
Machine 21	0.4050	0.039370409	0	1.0000
Machine 22	0.2739	0.042699278	0	1.0000
Machine 31	0.07145641	(Insufficient)	0	1.0000
Machine 32	0.02338832	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00437019	(Insufficient)	0	1.0000
Worker 1A	0.2432	0.059512521	0	1.0000
Worker 1B	0.2072	(Correlated)	0	1.0000
Worker 1C	0.2606	0.068664969	0	1.0000
Worker 2A	0.08306713	0.021260669	0	1.0000
Worker 2B	0.08686530	0.022872587	0	1.0000
Worker 2C	0.1314	0.035420601	0	1.0000
Worker 3A	0.01201151	(Insufficient)	0	1.0000
Worker 3B	0.01350894	(Insufficient)	0	1.0000
Worker 3C	0.01765812	(Insufficient)	0	1.0000
Worker 4A	0.00053325	(Insufficient)	0	1.0000
Worker 4B	0.00109148	(Insufficient)	0	1.0000
Worker 4C	0.00041212	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 22   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 22

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8173
Machine 12	0.7524
Machine 21	0.4050
Machine 22	0.2739
Machine 31	0.07145641
Machine 32	0.02338832
Machine 41	0
Machine 42	0.00437019
Worker 1A	0.4054
Worker 1B	0.3453
Worker 1C	0.4343
Worker 2A	0.1384
Worker 2B	0.1448
Worker 2C	0.2190
Worker 3A	0.02001919
Worker 3B	0.02251490
Worker 3C	0.02943019
Worker 4A	0.00088875
Worker 4B	0.00181914
Worker 4C	0.00068687

Unnamed Project

Replications: 25

Replication 22

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	882.00
Machine 12	823.00
Machine 21	446.00
Machine 22	303.00
Machine 31	79.0000
Machine 32	26.0000
Machine 41	0
Machine 42	4.0000
Worker 1A	1,174.00
Worker 1B	997.00
Worker 1C	1,238.00
Worker 2A	409.00
Worker 2B	447.00
Worker 2C	642.00
Worker 3A	63.0000
Worker 3B	57.0000
Worker 3C	90.0000
Worker 4A	2.0000
Worker 4B	4.0000
Worker 4C	2.0000

System

Other

Number Out	Value
System	5,563

Unnamed Project

Replications: 25

Replication 22   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	7,839.00	(Correlated)	-13,520	24,827.50
Profit Stat	7,839.00	(Correlated)	-13,520	24,827.50
Variable	Average	Half Width	Minimum	Maximum
Profit	7,839.00	(Correlated)	-13,520	24,827.50

Replication 23   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0
NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0
Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04352551	0.002654620	0	0.3401
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replication 23   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0940	0.001061333	0.04269504	0.2495
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1375	0.003247278	0.04637957	0.4162
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,613
Entity 1	2,784
Truck	2

Number Out	Value
Customer	2,613
Entity 1	2,784
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4218	0.297314775	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replication 23　　Start Time:　　0.00　Stop Time:　　105.00　Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01350845	(Insufficient)	0	0.1413
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05201767	0.004048385	0	0.2655
Hold 9.Queue	0.03054963	0.004015972	0	0.1782
P11 Seize to Order.Queue	0.00223280	0.001024589	0	0.1493
P11 Seize to Pay.Queue	0.00175731	0.000872690	0	0.0995
P12 Seize to Order.Queue	0.00269374	0.001455717	0	0.0941
P12 Seize to Pay.Queue	0.00155914	0.000867749	0	0.07485676
P21 Seize to Order.Queue	0.00155237	0.000968246	0	0.07407695
P21 Seize to Pay.Queue	0.00035635	0.000308419	0	0.05100225
P22 Seize to Order.Queue	0.00161584	(Insufficient)	0	0.04891512
P22 Seize to Pay.Queue	0.00229431	(Insufficient)	0	0.1102
P31 Seize to Order.Queue	0.00010854	(Insufficient)	0	0.00421903
P31 Seize to Pay.Queue	0.00009139	(Insufficient)	0	0.00849887
P32 Seize to Order.Queue	0.00095685	(Insufficient)	0	0.01510125
P32 Seize to Pay.Queue	0.00145575	(Insufficient)	0	0.03092625
P41 Seize to Order.Queue	0.03719576	(Insufficient)	0	0.07439151
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.02502792	(Insufficient)	0	0.0904
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.01965331	0.001276916	0	0.1466
Waiting Line 2.Queue	0.01141402	0.001607879	0	0.1331
Waiting Line 3.Queue	0.00628356	(Insufficient)	0	0.07371647
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 23   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01196462	(Insufficient)	0	1.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4419	0.049313352	0	3.0000
Hold 9.Queue	0.1271	0.028274754	0	2.0000
P11 Seize to Order.Queue	0.01896813	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01492878	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02129334	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01232462	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00646083	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00148308	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00481674	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00683923	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00009614	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00008094	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00036451	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00055457	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00070849	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00143017	(Insufficient)	0	2.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3223	0.034409562	0	1.0000
Waiting Line 2.Queue	0.08152868	0.020792446	0	1.0000
Waiting Line 3.Queue	0.00795917	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 23   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8172	0.028972011	0	1.0000
Machine 12	0.7491	0.044059536	0	1.0000
Machine 21	0.3963	0.048684127	0	1.0000
Machine 22	0.2875	0.050721052	0	1.0000
Machine 31	0.08230034	(Insufficient)	0	1.0000
Machine 32	0.03571503	(Insufficient)	0	1.0000
Machine 41	0.00209247	(Insufficient)	0	1.0000
Machine 42	0.00470604	(Insufficient)	0	1.0000
Worker 1A	0.2394	0.061404291	0	1.0000
Worker 1B	0.2076	(Correlated)	0	1.0000
Worker 1C	0.2497	0.069149970	0	1.0000
Worker 2A	0.08605900	(Correlated)	0	1.0000
Worker 2B	0.0924	0.025700953	0	1.0000
Worker 2C	0.1305	0.039620868	0	1.0000
Worker 3A	0.01422010	(Insufficient)	0	1.0000
Worker 3B	0.01771211	(Insufficient)	0	1.0000
Worker 3C	0.02101908	(Insufficient)	0	1.0000
Worker 4A	0.00037759	(Insufficient)	0	1.0000
Worker 4B	0.00034367	(Insufficient)	0	1.0000
Worker 4C	0.00241058	(Insufficient)	0	1.0000

Unnamed Project

Replication 23   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8172	0.028972011	0	1.0000
Machine 12	0.7491	0.044059536	0	1.0000
Machine 21	0.3963	0.048684127	0	1.0000
Machine 22	0.2875	0.050721052	0	1.0000
Machine 31	0.08230034	(Insufficient)	0	1.0000
Machine 32	0.03571503	(Insufficient)	0	1.0000
Machine 41	0.00209247	(Insufficient)	0	1.0000
Machine 42	0.00470604	(Insufficient)	0	1.0000
Worker 1A	0.2394	0.061404291	0	1.0000
Worker 1B	0.2076	(Correlated)	0	1.0000
Worker 1C	0.2497	0.069149970	0	1.0000
Worker 2A	0.08605900	(Correlated)	0	1.0000
Worker 2B	0.0924	0.025700953	0	1.0000
Worker 2C	0.1305	0.039620868	0	1.0000
Worker 3A	0.01422010	(Insufficient)	0	1.0000
Worker 3B	0.01771211	(Insufficient)	0	1.0000
Worker 3C	0.02101908	(Insufficient)	0	1.0000
Worker 4A	0.00037759	(Insufficient)	0	1.0000
Worker 4B	0.00034367	(Insufficient)	0	1.0000
Worker 4C	0.00241058	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 23   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 23   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8172
Machine 12	0.7491
Machine 21	0.3963
Machine 22	0.2875
Machine 31	0.08230034
Machine 32	0.03571503
Machine 41	0.00209247
Machine 42	0.00470604
Worker 1A	0.3991
Worker 1B	0.3460
Worker 1C	0.4161
Worker 2A	0.1434
Worker 2B	0.1540
Worker 2C	0.2175
Worker 3A	0.02370016
Worker 3B	0.02952018
Worker 3C	0.03503180
Worker 4A	0.00062931
Worker 4B	0.00057279
Worker 4C	0.00401764

Unnamed Project

Replications: 25

Replication 23

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	892.00
Machine 12	830.00
Machine 21	437.00
Machine 22	313.00
Machine 31	93.0000
Machine 32	40.0000
Machine 41	2.0000
Machine 42	6.0000
Worker 1A	1,177.00
Worker 1B	1,038.00
Worker 1C	1,229.00
Worker 2A	433.00
Worker 2B	469.00
Worker 2C	598.00
Worker 3A	81.0000
Worker 3B	90.0000
Worker 3C	95.0000
Worker 4A	2.0000
Worker 4B	4.0000
Worker 4C	10.0000

System

Other

Number Out	Value
System	5,399

Unnamed Project　　　　　　　　　　　　　　　Replications: 25

Replication 23　　Start Time:　　0.00　Stop Time:　　105.00　Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	8,732.84	(Correlated)	-13,520	28,282.50
Profit Stat	8,732.84	(Correlated)	-13,520	28,282.50

Variable	Average	Half Width	Minimum	Maximum
Profit	8,732.84	(Correlated)	-13,520	28,282.50

Replication 24　　Start Time:　　0.00　Stop Time:　　105.00　Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04297564	0.002364600	0	0.3378
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replication 24   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0950	0.001097443	0.04306804	0.2331
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1380	0.002801547	0.04306804	0.4273
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,519
Entity 1	2,945
Truck	2

Number Out	Value
Customer	2,515
Entity 1	2,945
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.3070	0.257078246	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

<div align="right">Replications: 25</div>

Replication 24   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.02026141	(Insufficient)	0	0.1547
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05079734	0.003535337	0	0.1853
Hold 9.Queue	0.02897481	0.003346957	0	0.1494
P11 Seize to Order.Queue	0.00187887	0.000938641	0	0.08292084
P11 Seize to Pay.Queue	0.00175331	0.000787649	0	0.08071769
P12 Seize to Order.Queue	0.00250350	0.001437263	0	0.1107
P12 Seize to Pay.Queue	0.00185989	0.001066555	0	0.1171
P21 Seize to Order.Queue	0.00054463	0.000390053	0	0.04738600
P21 Seize to Pay.Queue	0.00060152	0.000447736	0	0.03356685
P22 Seize to Order.Queue	0.00145788	(Insufficient)	0	0.05799244
P22 Seize to Pay.Queue	0.00161248	(Insufficient)	0	0.08865011
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0.00030653	(Insufficient)	0	0.01199701
P32 Seize to Order.Queue	0	(Insufficient)	0	0
P32 Seize to Pay.Queue	0.00082330	(Insufficient)	0	0.02140580
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.02178458	(Insufficient)	0	0.1062
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.01957447	0.001374640	0	0.1997
Waiting Line 2.Queue	0.00965119	0.001757280	0	0.1302
Waiting Line 3.Queue	0.00524225	(Insufficient)	0	0.08549669
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replication 24   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01312168	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4303	0.037172794	0	3.0000
Hold 9.Queue	0.1189	0.021090692	0	2.0000
P11 Seize to Order.Queue	0.01594354	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01486140	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01940812	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01440089	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00223556	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00246909	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00388767	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00429996	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0.00019851	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0	(Insufficient)	0	0
P32 Seize to Pay.Queue	0.00020386	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00165978	(Insufficient)	0	1.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3179	0.033921439	0	1.0000
Waiting Line 2.Queue	0.06535235	0.017315419	0	1.0000
Waiting Line 3.Queue	0.00469306	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Category by Replication

Unnamed Project

Replication 24   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8250	0.027358867	0	1.0000
Machine 12	0.7464	0.040227389	0	1.0000
Machine 21	0.3918	0.047393809	0	1.0000
Machine 22	0.2573	0.042603543	0	1.0000
Machine 31	0.06002907	(Insufficient)	0	1.0000
Machine 32	0.02616413	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00676908	(Insufficient)	0	1.0000
Worker 1A	0.2349	0.058054650	0	1.0000
Worker 1B	0.2078	(Correlated)	0	1.0000
Worker 1C	0.2518	0.066985741	0	1.0000
Worker 2A	0.08248493	0.024416696	0	1.0000
Worker 2B	0.0911	0.020554201	0	1.0000
Worker 2C	0.1174	0.033405698	0	1.0000
Worker 3A	0.01346035	(Insufficient)	0	1.0000
Worker 3B	0.01029742	(Insufficient)	0	1.0000
Worker 3C	0.01569973	(Insufficient)	0	1.0000
Worker 4A	0.00016591	(Insufficient)	0	1.0000
Worker 4B	0.00138300	(Insufficient)	0	1.0000
Worker 4C	0.00193446	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 24

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8250	0.027358867	0	1.0000
Machine 12	0.7464	0.040227389	0	1.0000
Machine 21	0.3918	0.047393809	0	1.0000
Machine 22	0.2573	0.042603543	0	1.0000
Machine 31	0.06002907	(Insufficient)	0	1.0000
Machine 32	0.02616413	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00676908	(Insufficient)	0	1.0000
Worker 1A	0.2349	0.058054650	0	1.0000
Worker 1B	0.2078	(Correlated)	0	1.0000
Worker 1C	0.2518	0.066985741	0	1.0000
Worker 2A	0.08248493	0.024416696	0	1.0000
Worker 2B	0.0911	0.020554201	0	1.0000
Worker 2C	0.1174	0.033405698	0	1.0000
Worker 3A	0.01346035	(Insufficient)	0	1.0000
Worker 3B	0.01029742	(Insufficient)	0	1.0000
Worker 3C	0.01569973	(Insufficient)	0	1.0000
Worker 4A	0.00016591	(Insufficient)	0	1.0000
Worker 4B	0.00138300	(Insufficient)	0	1.0000
Worker 4C	0.00193446	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 24   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replication 24   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8250
Machine 12	0.7464
Machine 21	0.3918
Machine 22	0.2573
Machine 31	0.06002907
Machine 32	0.02616413
Machine 41	0
Machine 42	0.00676908
Worker 1A	0.3915
Worker 1B	0.3463
Worker 1C	0.4196
Worker 2A	0.1375
Worker 2B	0.1519
Worker 2C	0.1956
Worker 3A	0.02243392
Worker 3B	0.01716236
Worker 3C	0.02616622
Worker 4A	0.00027651
Worker 4B	0.00230500
Worker 4C	0.00322410

Unnamed Project

Replication 24

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	891.00
Machine 12	814.00
Machine 21	431.00
Machine 22	280.00
Machine 31	68.0000
Machine 32	26.0000
Machine 41	0
Machine 42	8.0000
Worker 1A	1,185.00
Worker 1B	1,004.00
Worker 1C	1,219.00
Worker 2A	415.00
Worker 2B	441.00
Worker 2C	566.00
Worker 3A	63.0000
Worker 3B	55.0000
Worker 3C	70.0000
Worker 4A	1.0000
Worker 4B	7.0000
Worker 4C	8.0000

System

Other

Number Out	Value
System	5,462

Unnamed Project

Replications: 25

Replication 24   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	7,802.64	(Correlated)	-13,520	25,957.50
Profit Stat	7,802.64	(Correlated)	-13,520	25,957.50

Variable	Average	Half Width	Minimum	Maximum
Profit	7,802.64	(Correlated)	-13,520	25,957.50

Replication 25   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04393663	0.002323153	0	0.3095
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

Replication 25   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0952	0.001293912	0.04447940	0.2183
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1391	0.003087179	0.04447940	0.4372
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,674
Entity 1	2,944
Truck	2

Number Out	Value
Customer	2,672
Entity 1	2,944
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.5413	0.273317991	0	14.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 25

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01694397	(Insufficient)	0	0.1356
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05090440	0.003946569	0	0.2404
Hold 9.Queue	0.03084421	0.004188851	0	0.1539
P11 Seize to Order.Queue	0.00216604	0.000968605	0	0.07208473
P11 Seize to Pay.Queue	0.00126646	0.000688784	0	0.07048705
P12 Seize to Order.Queue	0.00226660	0.001289116	0	0.1271
P12 Seize to Pay.Queue	0.00219316	0.001218138	0	0.1003
P21 Seize to Order.Queue	0.00091389	0.000766473	0	0.1539
P21 Seize to Pay.Queue	0.00063785	0.000448400	0	0.08294496
P22 Seize to Order.Queue	0.00140039	(Insufficient)	0	0.06033209
P22 Seize to Pay.Queue	0.00162019	(Insufficient)	0	0.08390237
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0.00007754	(Insufficient)	0	0.00806380
P32 Seize to Order.Queue	0.00076283	(Insufficient)	0	0.01473019
P32 Seize to Pay.Queue	0.00142641	(Insufficient)	0	0.04247934
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.04662739	(Insufficient)	0	0.1976
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02087601	0.001372449	0	0.1459
Waiting Line 2.Queue	0.01275377	0.001452690	0	0.1572
Waiting Line 3.Queue	0.00533799	(Insufficient)	0	0.08198185
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 25	Start Time:	0.00	Stop Time:	105.00	Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01678260	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4286	0.040828602	0	3.0000
Hold 9.Queue	0.1416	0.028669205	0	2.0000
P11 Seize to Order.Queue	0.01825664	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01067443	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01796012	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01735728	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00419521	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00292803	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00420117	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00486058	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0.00007680	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00034146	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00063849	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00399663	(Insufficient)	0	2.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3414	0.034453160	0	1.0000
Waiting Line 2.Queue	0.0968	0.019247464	0	1.0000
Waiting Line 3.Queue	0.00767654	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replication 25   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8232	0.028920801	0	1.0000
Machine 12	0.7663	0.040102452	0	1.0000
Machine 21	0.4367	0.043459643	0	1.0000
Machine 22	0.2937	0.048983366	0	1.0000
Machine 31	0.0902	(Insufficient)	0	1.0000
Machine 32	0.04211013	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00745150	(Insufficient)	0	1.0000
Worker 1A	0.2465	0.062880768	0	1.0000
Worker 1B	0.2146	(Correlated)	0	1.0000
Worker 1C	0.2570	0.066678427	0	1.0000
Worker 2A	0.08757600	0.025382650	0	1.0000
Worker 2B	0.1034	(Correlated)	0	1.0000
Worker 2C	0.1367	0.040163976	0	1.0000
Worker 3A	0.01842133	(Insufficient)	0	1.0000
Worker 3B	0.01982807	(Insufficient)	0	1.0000
Worker 3C	0.01940433	(Insufficient)	0	1.0000
Worker 4A	0.00133386	(Insufficient)	0	1.0000
Worker 4B	0.00124063	(Insufficient)	0	1.0000
Worker 4C	0.00044844	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 25   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8232	0.028920801	0	1.0000
Machine 12	0.7663	0.040102452	0	1.0000
Machine 21	0.4367	0.043459643	0	1.0000
Machine 22	0.2937	0.048983366	0	1.0000
Machine 31	0.0902	(Insufficient)	0	1.0000
Machine 32	0.04211013	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00745150	(Insufficient)	0	1.0000
Worker 1A	0.2465	0.062880768	0	1.0000
Worker 1B	0.2146	(Correlated)	0	1.0000
Worker 1C	0.2570	0.066678427	0	1.0000
Worker 2A	0.08757600	0.025382650	0	1.0000
Worker 2B	0.1034	(Correlated)	0	1.0000
Worker 2C	0.1367	0.040163976	0	1.0000
Worker 3A	0.01842133	(Insufficient)	0	1.0000
Worker 3B	0.01982807	(Insufficient)	0	1.0000
Worker 3C	0.01940433	(Insufficient)	0	1.0000
Worker 4A	0.00133386	(Insufficient)	0	1.0000
Worker 4B	0.00124063	(Insufficient)	0	1.0000
Worker 4C	0.00044844	(Insufficient)	0	1.0000

Unnamed Project

Replication 25

	Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project Replications: 25

Replication 25 Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8232
Machine 12	0.7663
Machine 21	0.4367
Machine 22	0.2937
Machine 31	0.0902
Machine 32	0.04211013
Machine 41	0
Machine 42	0.00745150
Worker 1A	0.4108
Worker 1B	0.3577
Worker 1C	0.4283
Worker 2A	0.1460
Worker 2B	0.1724
Worker 2C	0.2278
Worker 3A	0.03070222
Worker 3B	0.03304678
Worker 3C	0.03234054
Worker 4A	0.00222310
Worker 4B	0.00206772
Worker 4C	0.00074740

Unnamed Project

Replications: 25

Replication 25

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	885.00
Machine 12	832.00
Machine 21	482.00
Machine 22	315.00
Machine 31	104.00
Machine 32	47.0000
Machine 41	0
Machine 42	9.0000
Worker 1A	1,196.00
Worker 1B	1,021.00
Worker 1C	1,216.00
Worker 2A	442.00
Worker 2B	511.00
Worker 2C	641.00
Worker 3A	91.0000
Worker 3B	103.00
Worker 3C	108.00
Worker 4A	7.0000
Worker 4B	8.0000
Worker 4C	3.0000

System

Other

Number Out	Value
System	5,618

Unnamed Project

Replications: 25

Replication 25   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	9,813.71	(Correlated)	-13,520	28,935.00
Profit Stat	9,813.71	(Correlated)	-13,520	28,935.00

Variable	Average	Half Width	Minimum	Maximum
Profit	9,813.71	(Correlated)	-13,520	28,935.00

Replication 3   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04464609	0.002482120	0	0.3011
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replication 3	Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0944	0.000946817	0.04304275	0.2616
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1390	0.002812446	0.04304275	0.4366
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,577
Entity 1	2,976
Truck	2

Number Out	Value
Customer	2,575
Entity 1	2,976
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4109	0.262205110	0	15.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 3   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01931434	(Insufficient)	0	0.1267
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05246866	0.003231410	0	0.2423
Hold 9.Queue	0.03296138	0.003459785	0	0.1476
P11 Seize to Order.Queue	0.00237846	0.001386095	0	0.1050
P11 Seize to Pay.Queue	0.00134556	0.000709537	0	0.06942166
P12 Seize to Order.Queue	0.00247769	0.001135185	0	0.0923
P12 Seize to Pay.Queue	0.00198635	0.001083412	0	0.0972
P21 Seize to Order.Queue	0.00072181	0.000501774	0	0.05264360
P21 Seize to Pay.Queue	0.00120795	0.000757435	0	0.06652625
P22 Seize to Order.Queue	0.00154149	(Insufficient)	0	0.04268293
P22 Seize to Pay.Queue	0.00129228	(Insufficient)	0	0.07558586
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00059878	(Insufficient)	0	0.01705802
P32 Seize to Pay.Queue	0.00167661	(Insufficient)	0	0.05868146
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.04161223	(Insufficient)	0	0.1551
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.01994622	0.001268768	0	0.1627
Waiting Line 2.Queue	0.01120347	0.001568907	0	0.1310
Waiting Line 3.Queue	0.00623519	(Insufficient)	0	0.08443200
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 3

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01563542	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4452	0.040251939	0	3.0000
Hold 9.Queue	0.1381	0.025440638	0	2.0000
P11 Seize to Order.Queue	0.02020560	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01143085	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01923161	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01539896	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00302474	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00506189	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00446299	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00374145	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0	(Insufficient)	0	0
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00019959	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00055887	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00237784	(Insufficient)	0	2.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3243	0.030431833	0	1.0000
Waiting Line 2.Queue	0.07938461	0.017775351	0	1.0000
Waiting Line 3.Queue	0.00712593	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replication 3   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8079	0.027246673	0	1.0000
Machine 12	0.7483	0.040191445	0	1.0000
Machine 21	0.3989	0.044876657	0	1.0000
Machine 22	0.2802	0.046260295	0	1.0000
Machine 31	0.07640012	(Insufficient)	0	1.0000
Machine 32	0.03450328	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00535392	(Insufficient)	0	1.0000
Worker 1A	0.2362	0.059536113	0	1.0000
Worker 1B	0.2118	(Correlated)	0	1.0000
Worker 1C	0.2552	0.067049869	0	1.0000
Worker 2A	0.08640547	0.022894481	0	1.0000
Worker 2B	0.1057	0.024873423	0	1.0000
Worker 2C	0.1176	0.040989063	0	1.0000
Worker 3A	0.01805634	(Insufficient)	0	1.0000
Worker 3B	0.01713553	(Insufficient)	0	1.0000
Worker 3C	0.01686694	(Insufficient)	0	1.0000
Worker 4A	0.00224546	(Insufficient)	0	1.0000
Worker 4B	0.00053703	(Insufficient)	0	1.0000
Worker 4C	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

Replication 3
Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8079	0.027246673	0	1.0000
Machine 12	0.7483	0.040191445	0	1.0000
Machine 21	0.3989	0.044876657	0	1.0000
Machine 22	0.2802	0.046260295	0	1.0000
Machine 31	0.07640012	(Insufficient)	0	1.0000
Machine 32	0.03450328	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00535392	(Insufficient)	0	1.0000
Worker 1A	0.2362	0.059536113	0	1.0000
Worker 1B	0.2118	(Correlated)	0	1.0000
Worker 1C	0.2552	0.067049869	0	1.0000
Worker 2A	0.08640547	0.022894481	0	1.0000
Worker 2B	0.1057	0.024873423	0	1.0000
Worker 2C	0.1176	0.040989063	0	1.0000
Worker 3A	0.01805634	(Insufficient)	0	1.0000
Worker 3B	0.01713553	(Insufficient)	0	1.0000
Worker 3C	0.01686694	(Insufficient)	0	1.0000
Worker 4A	0.00224546	(Insufficient)	0	1.0000
Worker 4B	0.00053703	(Insufficient)	0	1.0000
Worker 4C	0	(Insufficient)	0	0

Unnamed Project

Replication 3

Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 3

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8079
Machine 12	0.7483
Machine 21	0.3989
Machine 22	0.2802
Machine 31	0.07640012
Machine 32	0.03450328
Machine 41	0
Machine 42	0.00535392
Worker 1A	0.3937
Worker 1B	0.3530
Worker 1C	0.4254
Worker 2A	0.1440
Worker 2B	0.1761
Worker 2C	0.1961
Worker 3A	0.03009390
Worker 3B	0.02855922
Worker 3C	0.02811156
Worker 4A	0.00374243
Worker 4B	0.00089505
Worker 4C	0

Unnamed Project

Replications: 25

Replication 3

Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Resource

Usage

Total Number Seized	Value
Machine 11	892.00
Machine 12	815.00
Machine 21	440.00
Machine 22	304.00
Machine 31	85.0000
Machine 32	35.0000
Machine 41	0
Machine 42	6.0000
Worker 1A	1,154.00
Worker 1B	1,024.00
Worker 1C	1,235.00
Worker 2A	401.00
Worker 2B	508.00
Worker 2C	579.00
Worker 3A	78.0000
Worker 3B	81.0000
Worker 3C	81.0000
Worker 4A	9.0000
Worker 4B	3.0000
Worker 4C	0

System

Other

Number Out	Value
System	5,553

Unnamed Project

Replication 3   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	8,177.19	(Correlated)	-13,520	25,980.00
Profit Stat	8,177.19	(Correlated)	-13,520	25,980.00

Variable	Average	Half Width	Minimum	Maximum
Profit	8,177.19	(Correlated)	-13,520	25,980.00

Replication 4   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04062196	(Correlated)	0	0.2732
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project   Replications: 25

Replication 4   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.08894092	(Correlated)	0	0.2280
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1296	(Correlated)	0	0.4623
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,557
Entity 1	2,893
Truck	2

Number Out	Value
Customer	2,552
Entity 1	2,893
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.1532	(Correlated)	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Category by Replication

Unnamed Project

Replication 4   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01689129	(Insufficient)	0	0.1405
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05126898	0.004011768	0	0.2017
Hold 9.Queue	0.02969291	0.003249308	0	0.2181
P11 Seize to Order.Queue	0.00228535	0.001161117	0	0.1026
P11 Seize to Pay.Queue	0.00180255	0.001077343	0	0.08790536
P12 Seize to Order.Queue	0.00247493	0.001332751	0	0.1357
P12 Seize to Pay.Queue	0.00184637	0.001097490	0	0.06951971
P21 Seize to Order.Queue	0.00057990	0.000567579	0	0.07729393
P21 Seize to Pay.Queue	0.00047258	0.000457085	0	0.06621702
P22 Seize to Order.Queue	0.00191985	(Insufficient)	0	0.06872969
P22 Seize to Pay.Queue	0.00147065	(Insufficient)	0	0.1205
P31 Seize to Order.Queue	0.00059241	(Insufficient)	0	0.03078588
P31 Seize to Pay.Queue	0.00000688	(Insufficient)	0	0.00050896
P32 Seize to Order.Queue	0.00021008	(Insufficient)	0	0.00714257
P32 Seize to Pay.Queue	0.00195945	(Insufficient)	0	0.02680613
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.01678674	(Insufficient)	0	0.08358083
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.01982387	0.001447857	0	0.1374
Waiting Line 2.Queue	0.01061175	0.001541921	0	0.1638
Waiting Line 3.Queue	0.00755526	(Insufficient)	0	0.0904
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 4	Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01190434	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4068	(Correlated)	0	3.0000
Hold 9.Queue	0.1154	0.024615480	0	2.0000
P11 Seize to Order.Queue	0.01815219	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01430020	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01786661	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01331144	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00225886	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00183630	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00486363	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00372563	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00041750	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00000485	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00006802	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00063449	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00111912	(Insufficient)	0	1.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3009	0.037319461	0	1.0000
Waiting Line 2.Queue	0.06821839	0.019189600	0	1.0000
Waiting Line 3.Queue	0.00777112	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 4   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.7720	(Correlated)	0	1.0000
Machine 12	0.7019	(Correlated)	0	1.0000
Machine 21	0.3714	0.058317548	0	1.0000
Machine 22	0.2468	0.047917512	0	1.0000
Machine 31	0.06750862	(Insufficient)	0	1.0000
Machine 32	0.03081439	(Insufficient)	0	1.0000
Machine 41	0.00065332	(Insufficient)	0	1.0000
Machine 42	0.00637500	(Insufficient)	0	1.0000
Worker 1A	0.2390	0.060127796	0	1.0000
Worker 1B	0.1941	0.051144128	0	1.0000
Worker 1C	0.2280	0.068490100	0	1.0000
Worker 2A	0.08737233	0.024278790	0	1.0000
Worker 2B	0.08792644	0.025937562	0	1.0000
Worker 2C	0.1058	0.031114672	0	1.0000
Worker 3A	0.01407311	(Insufficient)	0	1.0000
Worker 3B	0.01549834	(Insufficient)	0	1.0000
Worker 3C	0.01496937	(Insufficient)	0	1.0000
Worker 4A	0.00117808	(Insufficient)	0	1.0000
Worker 4B	0.00066003	(Insufficient)	0	1.0000
Worker 4C	0.00128544	(Insufficient)	0	1.0000

Unnamed Project

Replication 4 Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.7720	(Correlated)	0	1.0000
Machine 12	0.7019	(Correlated)	0	1.0000
Machine 21	0.3714	0.058317548	0	1.0000
Machine 22	0.2468	0.047917512	0	1.0000
Machine 31	0.06750862	(Insufficient)	0	1.0000
Machine 32	0.03081439	(Insufficient)	0	1.0000
Machine 41	0.00065332	(Insufficient)	0	1.0000
Machine 42	0.00637500	(Insufficient)	0	1.0000
Worker 1A	0.2390	0.060127796	0	1.0000
Worker 1B	0.1941	0.051144128	0	1.0000
Worker 1C	0.2280	0.068490100	0	1.0000
Worker 2A	0.08737233	0.024278790	0	1.0000
Worker 2B	0.08792644	0.025937562	0	1.0000
Worker 2C	0.1058	0.031114672	0	1.0000
Worker 3A	0.01407311	(Insufficient)	0	1.0000
Worker 3B	0.01549834	(Insufficient)	0	1.0000
Worker 3C	0.01496937	(Insufficient)	0	1.0000
Worker 4A	0.00117808	(Insufficient)	0	1.0000
Worker 4B	0.00066003	(Insufficient)	0	1.0000
Worker 4C	0.00128544	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 4   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project   Replications: 25

Replication 4   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.7720
Machine 12	0.7019
Machine 21	0.3714
Machine 22	0.2468
Machine 31	0.06750862
Machine 32	0.03081439
Machine 41	0.00065332
Machine 42	0.00637500
Worker 1A	0.3983
Worker 1B	0.3236
Worker 1C	0.3800
Worker 2A	0.1456
Worker 2B	0.1465
Worker 2C	0.1763
Worker 3A	0.02345518
Worker 3B	0.02583056
Worker 3C	0.02494896
Worker 4A	0.00196347
Worker 4B	0.00110006
Worker 4C	0.00214239

Unnamed Project

Replication 4

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	834.00
Machine 12	758.00
Machine 21	409.00
Machine 22	266.00
Machine 31	74.0000
Machine 32	34.0000
Machine 41	1.0000
Machine 42	7.0000
Worker 1A	1,148.00
Worker 1B	922.00
Worker 1C	1,112.00
Worker 2A	402.00
Worker 2B	405.00
Worker 2C	542.00
Worker 3A	75.0000
Worker 3B	70.0000
Worker 3C	71.0000
Worker 4A	7.0000
Worker 4B	4.0000
Worker 4C	5.0000

System

Other

Number Out	Value
System	5,447

Unnamed Project

Replication 4   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0.02893964	(Insufficient)	0	1.0000
Leave Stat	9,868.24	(Correlated)	-13,520	28,500.00
Profit Stat	9,868.53	(Correlated)	-13,520	28,500.00

Variable	Average	Half Width	Minimum	Maximum
Profit	9,868.53	(Correlated)	-13,520	28,500.00

Replication 5   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04647037	0.003037411	0	0.3297
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

Replication 5   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0945	0.001072477	0.04113517	0.2325
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1409	0.003298991	0.04619317	0.4065
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,611
Entity 1	2,997
Truck	2

Number Out	Value
Customer	2,608
Entity 1	2,997
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.5011	0.267775761	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 5

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01877476	(Insufficient)	0	0.1155
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05808871	0.005869785	0	0.2975
Hold 9.Queue	0.03101466	0.003609700	0	0.1829
P11 Seize to Order.Queue	0.00206927	0.000957630	0	0.1035
P11 Seize to Pay.Queue	0.00189651	0.000839352	0	0.08815554
P12 Seize to Order.Queue	0.00244588	0.001466243	0	0.0912
P12 Seize to Pay.Queue	0.00155169	0.000801987	0	0.07236765
P21 Seize to Order.Queue	0.00084206	0.000572027	0	0.04035502
P21 Seize to Pay.Queue	0.00063506	0.000441649	0	0.04449570
P22 Seize to Order.Queue	0.00164054	(Insufficient)	0	0.05598088
P22 Seize to Pay.Queue	0.00219598	(Insufficient)	0	0.1080
P31 Seize to Order.Queue	0.00065392	(Insufficient)	0	0.03639790
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00075841	(Insufficient)	0	0.01947546
P32 Seize to Pay.Queue	0.00181884	(Insufficient)	0	0.07183403
P41 Seize to Order.Queue	0.03854758	(Insufficient)	0	0.07709516
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.06756746	(Insufficient)	0	0.1606
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02006946	0.001438861	0	0.1324
Waiting Line 2.Queue	0.01083844	0.001874350	0	0.1298
Waiting Line 3.Queue	0.00590759	(Insufficient)	0	0.1349
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 5   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01466219	(Insufficient)	0	1.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.5012	0.060253043	0	3.0000
Hold 9.Queue	0.1329	0.023711262	0	2.0000
P11 Seize to Order.Queue	0.01787455	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01636418	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01931084	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01223618	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00360882	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00272167	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00456226	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00610692	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00051068	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00028892	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00069289	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00073424	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00514800	(Insufficient)	0	2.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3319	0.027890444	0	1.0000
Waiting Line 2.Queue	0.07659162	0.020247542	0	1.0000
Waiting Line 3.Queue	0.00686406	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

<div align="right">Replications: 25</div>

Replication 5   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8161	0.022108121	0	1.0000
Machine 12	0.7655	0.031446698	0	1.0000
Machine 21	0.4052	0.046534713	0	1.0000
Machine 22	0.2742	0.041491216	0	1.0000
Machine 31	0.07759499	(Insufficient)	0	1.0000
Machine 32	0.03749464	(Insufficient)	0	1.0000
Machine 41	0.00158568	(Insufficient)	0	1.0000
Machine 42	0.00725451	(Insufficient)	0	1.0000
Worker 1A	0.2434	0.063406380	0	1.0000
Worker 1B	0.2074	(Correlated)	0	1.0000
Worker 1C	0.2549	0.069266179	0	1.0000
Worker 2A	0.08469099	0.023415552	0	1.0000
Worker 2B	0.1002	(Correlated)	0	1.0000
Worker 2C	0.1250	0.040477158	0	1.0000
Worker 3A	0.01554583	(Insufficient)	0	1.0000
Worker 3B	0.01810703	(Insufficient)	0	1.0000
Worker 3C	0.02069627	(Insufficient)	0	1.0000
Worker 4A	0.00015331	(Insufficient)	0	1.0000
Worker 4B	0.00145499	(Insufficient)	0	1.0000
Worker 4C	0.00227951	(Insufficient)	0	1.0000

Unnamed Project

Replication 5

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8161	0.022108121	0	1.0000
Machine 12	0.7655	0.031446698	0	1.0000
Machine 21	0.4052	0.046534713	0	1.0000
Machine 22	0.2742	0.041491216	0	1.0000
Machine 31	0.07759499	(Insufficient)	0	1.0000
Machine 32	0.03749464	(Insufficient)	0	1.0000
Machine 41	0.00158568	(Insufficient)	0	1.0000
Machine 42	0.00725451	(Insufficient)	0	1.0000
Worker 1A	0.2434	0.063406380	0	1.0000
Worker 1B	0.2074	(Correlated)	0	1.0000
Worker 1C	0.2549	0.069266179	0	1.0000
Worker 2A	0.08469099	0.023415552	0	1.0000
Worker 2B	0.1002	(Correlated)	0	1.0000
Worker 2C	0.1250	0.040477158	0	1.0000
Worker 3A	0.01554583	(Insufficient)	0	1.0000
Worker 3B	0.01810703	(Insufficient)	0	1.0000
Worker 3C	0.02069627	(Insufficient)	0	1.0000
Worker 4A	0.00015331	(Insufficient)	0	1.0000
Worker 4B	0.00145499	(Insufficient)	0	1.0000
Worker 4C	0.00227951	(Insufficient)	0	1.0000

Unnamed Project

Replication 5   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replication 5

| Start Time: | 0.00 | Stop Time: | 105.00 | Time Units: | Hours |

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8161
Machine 12	0.7655
Machine 21	0.4052
Machine 22	0.2742
Machine 31	0.07759499
Machine 32	0.03749464
Machine 41	0.00158568
Machine 42	0.00725451
Worker 1A	0.4056
Worker 1B	0.3456
Worker 1C	0.4248
Worker 2A	0.1412
Worker 2B	0.1670
Worker 2C	0.2084
Worker 3A	0.02590972
Worker 3B	0.03017838
Worker 3C	0.03449378
Worker 4A	0.00025552
Worker 4B	0.00242499
Worker 4C	0.00379918

Unnamed Project

Replications: 25

Replication 5

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	907.00
Machine 12	829.00
Machine 21	450.00
Machine 22	292.00
Machine 31	82.0000
Machine 32	40.0000
Machine 41	2.0000
Machine 42	8.0000
Worker 1A	1,223.00
Worker 1B	998.00
Worker 1C	1,249.00
Worker 2A	421.00
Worker 2B	468.00
Worker 2C	595.00
Worker 3A	73.0000
Worker 3B	77.0000
Worker 3C	94.0000
Worker 4A	1.0000
Worker 4B	7.0000
Worker 4C	12.0000

System

Other

Number Out	Value
System	5,607

Unnamed Project

Replications: 25

Replication 5   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	9,586.86	(Correlated)	-13,520	27,627.50
Profit Stat	9,586.86	(Correlated)	-13,520	27,627.50

Variable	Average	Half Width	Minimum	Maximum
Profit	9,586.86	(Correlated)	-13,520	27,627.50

Replication 6   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04185040	(Correlated)	0	0.2933
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replication 6   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.08949465	(Correlated)	0	0.2936
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1313	(Correlated)	0	0.3736
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,660
Entity 1	2,927
Truck	2

Number Out	Value
Customer	2,660
Entity 1	2,927
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.3274	0.391817527	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replication 6   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01808556	(Insufficient)	0	0.1699
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05140637	0.002790926	0	0.1808
Hold 9.Queue	0.02879966	(Correlated)	0	0.1459
P11 Seize to Order.Queue	0.00229568	0.001241822	0	0.1089
P11 Seize to Pay.Queue	0.00172343	0.000844487	0	0.08176916
P12 Seize to Order.Queue	0.00330914	0.001566608	0	0.1340
P12 Seize to Pay.Queue	0.00177865	0.001054816	0	0.1129
P21 Seize to Order.Queue	0.00093811	0.000617447	0	0.04503235
P21 Seize to Pay.Queue	0.00086229	0.000552160	0	0.04036526
P22 Seize to Order.Queue	0.00210356	(Insufficient)	0	0.0904
P22 Seize to Pay.Queue	0.00238690	(Insufficient)	0	0.07399129
P31 Seize to Order.Queue	0.00040178	(Insufficient)	0	0.02209146
P31 Seize to Pay.Queue	0.00012753	(Insufficient)	0	0.00789661
P32 Seize to Order.Queue	0.00105106	(Insufficient)	0	0.01834704
P32 Seize to Pay.Queue	0.00289419	(Insufficient)	0	0.07609634
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.03292444	(Insufficient)	0	0.2933
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02059905	0.001427731	0	0.1759
Waiting Line 2.Queue	0.01118813	0.001838895	0	0.1403
Waiting Line 3.Queue	0.00747208	(Insufficient)	0	0.1121
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 6   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01567415	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4176	0.044289766	0	3.0000
Hold 9.Queue	0.1210	0.027411964	0	2.0000
P11 Seize to Order.Queue	0.01864967	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01400079	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.02477129	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01331448	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00394007	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00362164	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00607027	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00688791	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00034821	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00011052	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00038038	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00104742	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00282209	(Insufficient)	0	1.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3215	0.039501563	0	1.0000
Waiting Line 2.Queue	0.07927591	0.019291323	0	1.0000
Waiting Line 3.Queue	0.00917999	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replication 6

	Start Time:	0.00	Stop Time:	105.00	Time Units:	Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.7796	0.069647338	0	1.0000
Machine 12	0.7243	0.074472301	0	1.0000
Machine 21	0.4012	0.057193913	0	1.0000
Machine 22	0.2733	0.051308732	0	1.0000
Machine 31	0.08104753	(Insufficient)	0	1.0000
Machine 32	0.03668988	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01008621	(Insufficient)	0	1.0000
Worker 1A	0.2384	0.065066227	0	1.0000
Worker 1B	0.1998	0.050911986	0	1.0000
Worker 1C	0.2408	0.075358639	0	1.0000
Worker 2A	0.08564315	0.026231265	0	1.0000
Worker 2B	0.0918	0.024531332	0	1.0000
Worker 2C	0.1212	0.045912964	0	1.0000
Worker 3A	0.01704943	(Insufficient)	0	1.0000
Worker 3B	0.01381467	(Insufficient)	0	1.0000
Worker 3C	0.02262013	(Insufficient)	0	1.0000
Worker 4A	0.00187823	(Insufficient)	0	1.0000
Worker 4B	0.00093569	(Insufficient)	0	1.0000
Worker 4C	0.00274849	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 6   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.7796	0.069647338	0	1.0000
Machine 12	0.7243	0.074472301	0	1.0000
Machine 21	0.4012	0.057193913	0	1.0000
Machine 22	0.2733	0.051308732	0	1.0000
Machine 31	0.08104753	(Insufficient)	0	1.0000
Machine 32	0.03668988	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01008621	(Insufficient)	0	1.0000
Worker 1A	0.2384	0.065066227	0	1.0000
Worker 1B	0.1998	0.050911986	0	1.0000
Worker 1C	0.2408	0.075358639	0	1.0000
Worker 2A	0.08564315	0.026231265	0	1.0000
Worker 2B	0.0918	0.024531332	0	1.0000
Worker 2C	0.1212	0.045912964	0	1.0000
Worker 3A	0.01704943	(Insufficient)	0	1.0000
Worker 3B	0.01381467	(Insufficient)	0	1.0000
Worker 3C	0.02262013	(Insufficient)	0	1.0000
Worker 4A	0.00187823	(Insufficient)	0	1.0000
Worker 4B	0.00093569	(Insufficient)	0	1.0000
Worker 4C	0.00274849	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 6   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 6

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.7796
Machine 12	0.7243
Machine 21	0.4012
Machine 22	0.2733
Machine 31	0.08104753
Machine 32	0.03668988
Machine 41	0
Machine 42	0.01008621
Worker 1A	0.3973
Worker 1B	0.3330
Worker 1C	0.4014
Worker 2A	0.1427
Worker 2B	0.1530
Worker 2C	0.2020
Worker 3A	0.02841572
Worker 3B	0.02302445
Worker 3C	0.03770021
Worker 4A	0.00313038
Worker 4B	0.00155949
Worker 4C	0.00458081

Unnamed Project

Replications: 25

Replication 6

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	853.00
Machine 12	786.00
Machine 21	441.00
Machine 22	303.00
Machine 31	91.0000
Machine 32	38.0000
Machine 41	0
Machine 42	9.0000
Worker 1A	1,123.00
Worker 1B	966.00
Worker 1C	1,189.00
Worker 2A	406.00
Worker 2B	465.00
Worker 2C	617.00
Worker 3A	84.0000
Worker 3B	67.0000
Worker 3C	107.00
Worker 4A	10.0000
Worker 4B	3.0000
Worker 4C	5.0000

System

Other

Number Out	Value
System	5,589

Unnamed Project

Replication 6   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0.01926677	(Insufficient)	0	1.0000
Leave Stat	10,942.35	(Correlated)	-13,520	29,422.50
Profit Stat	10,942.55	(Correlated)	-13,520	29,422.50
Variable	**Average**	**Half Width**	**Minimum**	**Maximum**
Profit	10,942.55	(Correlated)	-13,520	29,422.50

Replication 7   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0
NVA Time	**Average**	**Half Width**	**Minimum**	**Maximum**
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0
Wait Time	**Average**	**Half Width**	**Minimum**	**Maximum**
Customer	0.04006797	0.005045529	0	0.3006
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project
Replications: 25

Replication 7 Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.08941652	(Correlated)	0	0.2405
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1295	(Correlated)	0	0.4172
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,641
Entity 1	2,877
Truck	2

Number Out	Value
Customer	2,635
Entity 1	2,877
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.2554	0.338828213	0	11.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replication 7   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.00951297	(Insufficient)	0	0.1087
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04847726	0.003765093	0	0.2436
Hold 9.Queue	0.03052843	0.004359352	0	0.1518
P11 Seize to Order.Queue	0.00244211	0.001393792	0	0.1541
P11 Seize to Pay.Queue	0.00140722	0.000848254	0	0.05393227
P12 Seize to Order.Queue	0.00209363	0.001284680	0	0.08030073
P12 Seize to Pay.Queue	0.00222040	0.001156246	0	0.0977
P21 Seize to Order.Queue	0.00117089	0.000875018	0	0.1011
P21 Seize to Pay.Queue	0.00071063	0.000564122	0	0.05053129
P22 Seize to Order.Queue	0.00249480	(Insufficient)	0	0.07798892
P22 Seize to Pay.Queue	0.00110788	(Insufficient)	0	0.08323472
P31 Seize to Order.Queue	0.00023798	(Insufficient)	0	0.01761069
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00048184	(Insufficient)	0	0.01346397
P32 Seize to Pay.Queue	0.00257806	(Insufficient)	0	0.06853520
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0	(Insufficient)	0	0
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02008237	0.001476032	0	0.1635
Waiting Line 2.Queue	0.01008775	0.001294597	0	0.1294
Waiting Line 3.Queue	0.00554657	(Insufficient)	0	0.1089
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replication 7 Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.00670438	(Insufficient)	0	1.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.3973	0.043665276	0	3.0000
Hold 9.Queue	0.1276	0.024835239	0	2.0000
P11 Seize to Order.Queue	0.02004853	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01153918	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01579192	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01674817	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00490660	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00297789	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00708047	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00313373	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00016772	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00012849	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00068748	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0	(Insufficient)	0	0
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3164	0.037347822	0	1.0000
Waiting Line 2.Queue	0.07090246	0.016313303	0	1.0000
Waiting Line 3.Queue	0.00538810	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replication 7 | Start Time: | 0.00 | Stop Time: | 105.00 | Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.7845	0.068749774	0	1.0000
Machine 12	0.7260	0.066087194	0	1.0000
Machine 21	0.3981	0.052279774	0	1.0000
Machine 22	0.2718	0.045880407	0	1.0000
Machine 31	0.07417807	(Insufficient)	0	1.0000
Machine 32	0.02503181	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00342604	(Insufficient)	0	1.0000
Worker 1A	0.2304	0.064578550	0	1.0000
Worker 1B	0.1890	(Correlated)	0	1.0000
Worker 1C	0.2499	0.074484100	0	1.0000
Worker 2A	0.08564875	0.025265723	0	1.0000
Worker 2B	0.0964	0.028701977	0	1.0000
Worker 2C	0.1199	0.036684682	0	1.0000
Worker 3A	0.01350356	(Insufficient)	0	1.0000
Worker 3B	0.01765304	(Insufficient)	0	1.0000
Worker 3C	0.01646104	(Insufficient)	0	1.0000
Worker 4A	0.00118995	(Insufficient)	0	1.0000
Worker 4B	0.00018240	(Insufficient)	0	1.0000
Worker 4C	0.00005369	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 7

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.7845	0.068749774	0	1.0000
Machine 12	0.7260	0.066087194	0	1.0000
Machine 21	0.3981	0.052279774	0	1.0000
Machine 22	0.2718	0.045880407	0	1.0000
Machine 31	0.07417807	(Insufficient)	0	1.0000
Machine 32	0.02503181	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00342604	(Insufficient)	0	1.0000
Worker 1A	0.2304	0.064578550	0	1.0000
Worker 1B	0.1890	(Correlated)	0	1.0000
Worker 1C	0.2499	0.074484100	0	1.0000
Worker 2A	0.08564875	0.025265723	0	1.0000
Worker 2B	0.0964	0.028701977	0	1.0000
Worker 2C	0.1199	0.036684682	0	1.0000
Worker 3A	0.01350356	(Insufficient)	0	1.0000
Worker 3B	0.01765304	(Insufficient)	0	1.0000
Worker 3C	0.01646104	(Insufficient)	0	1.0000
Worker 4A	0.00118995	(Insufficient)	0	1.0000
Worker 4B	0.00018240	(Insufficient)	0	1.0000
Worker 4C	0.00005369	(Insufficient)	0	1.0000

Unnamed Project

Replication 7

	Start Time:	0.00	Stop Time:	105.00	Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 7

Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.7845
Machine 12	0.7260
Machine 21	0.3981
Machine 22	0.2718
Machine 31	0.07417807
Machine 32	0.02503181
Machine 41	0
Machine 42	0.00342604
Worker 1A	0.3839
Worker 1B	0.3149
Worker 1C	0.4166
Worker 2A	0.1427
Worker 2B	0.1606
Worker 2C	0.1999
Worker 3A	0.02250593
Worker 3B	0.02942173
Worker 3C	0.02743507
Worker 4A	0.00198325
Worker 4B	0.00030401
Worker 4C	0.00008948

Unnamed Project

Replication 7   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	862.00
Machine 12	792.00
Machine 21	440.00
Machine 22	298.00
Machine 31	74.0000
Machine 32	28.0000
Machine 41	0
Machine 42	4.0000
Worker 1A	1,119.00
Worker 1B	957.00
Worker 1C	1,231.00
Worker 2A	435.00
Worker 2B	459.00
Worker 2C	581.00
Worker 3A	60.0000
Worker 3B	68.0000
Worker 3C	76.0000
Worker 4A	6.0000
Worker 4B	1.0000
Worker 4C	1.0000

System

Other

Number Out	Value
System	5,514

Unnamed Project　　　　　　　　　　　　　　　　Replications: 25

Replication 7　　　Start Time:　　0.00　Stop Time:　　105.00　Time Units:　Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0.02237604	(Insufficient)	0	1.0000
Leave Stat	9,676.36	(Correlated)	-13,520	28,497.50
Profit Stat	9,676.59	(Correlated)	-13,520	28,497.50
Variable	Average	Half Width	Minimum	Maximum
Profit	9,676.59	(Correlated)	-13,520	28,497.50

Replication 8　　　Start Time:　　0.00　Stop Time:　　105.00　Time Units:　Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0
NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0
Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04292878	0.002898918	0	0.2731
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

Replication 8   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0951	0.000844910	0.04266118	0.2396
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1380	0.003275268	0.04266118	0.3915
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,660
Entity 1	3,006
Truck	2

Number Out	Value
Customer	2,658
Entity 1	3,006
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4947	0.243836387	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 8   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01707730	(Insufficient)	0	0.1223
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05024620	0.003235480	0	0.1814
Hold 9.Queue	0.03038187	0.004349658	0	0.1764
P11 Seize to Order.Queue	0.00236029	0.001191685	0	0.08749293
P11 Seize to Pay.Queue	0.00150693	0.000780567	0	0.0912
P12 Seize to Order.Queue	0.00223057	0.001101201	0	0.0950
P12 Seize to Pay.Queue	0.00185811	0.001154933	0	0.08641409
P21 Seize to Order.Queue	0.00129481	0.000835439	0	0.0928
P21 Seize to Pay.Queue	0.00057945	0.000508395	0	0.05035022
P22 Seize to Order.Queue	0.00158123	0.000893134	0	0.07418072
P22 Seize to Pay.Queue	0.00207460	0.001069394	0	0.05564899
P31 Seize to Order.Queue	0.00049405	(Insufficient)	0	0.02181790
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00198648	(Insufficient)	0	0.03646866
P32 Seize to Pay.Queue	0.00286454	(Insufficient)	0	0.03931539
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.03038288	(Insufficient)	0	0.1680
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02015309	0.001439941	0	0.1686
Waiting Line 2.Queue	0.01084997	0.001672325	0	0.1140
Waiting Line 3.Queue	0.00716120	(Insufficient)	0	0.0965
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Category by Replication

Unnamed Project

Replication 8 Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01577617	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4274	0.031296152	0	3.0000
Hold 9.Queue	0.1308	0.023995377	0	2.0000
P11 Seize to Order.Queue	0.02009615	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01283040	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01775956	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01477639	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00557384	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00249438	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00481898	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00632259	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00045641	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0	(Insufficient)	0	0
P32 Seize to Order.Queue	0.00090810	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00130950	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00376169	(Insufficient)	0	2.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3320	0.029325475	0	1.0000
Waiting Line 2.Queue	0.07977313	0.016526069	0	1.0000
Waiting Line 3.Queue	0.00988928	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 8

| Start Time: | 0.00 | Stop Time: | 105.00 | Time Units: | Hours |

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8227	0.024844185	0	1.0000
Machine 12	0.7686	0.031475672	0	1.0000
Machine 21	0.4172	0.040207500	0	1.0000
Machine 22	0.2929	0.048270007	0	1.0000
Machine 31	0.08917811	(Insufficient)	0	1.0000
Machine 32	0.04382396	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01124013	(Insufficient)	0	1.0000
Worker 1A	0.2446	0.059062730	0	1.0000
Worker 1B	0.2071	(Correlated)	0	1.0000
Worker 1C	0.2559	0.071002290	0	1.0000
Worker 2A	0.0909	0.022614804	0	1.0000
Worker 2B	0.0963	0.025141234	0	1.0000
Worker 2C	0.1341	0.039038461	0	1.0000
Worker 3A	0.01795807	(Insufficient)	0	1.0000
Worker 3B	0.02083463	(Insufficient)	0	1.0000
Worker 3C	0.02280463	(Insufficient)	0	1.0000
Worker 4A	0.00160372	(Insufficient)	0	1.0000
Worker 4B	0.00165623	(Insufficient)	0	1.0000
Worker 4C	0.00150398	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 8   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8227	0.024844185	0	1.0000
Machine 12	0.7686	0.031475672	0	1.0000
Machine 21	0.4172	0.040207500	0	1.0000
Machine 22	0.2929	0.048270007	0	1.0000
Machine 31	0.08917811	(Insufficient)	0	1.0000
Machine 32	0.04382396	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.01124013	(Insufficient)	0	1.0000
Worker 1A	0.2446	0.059062730	0	1.0000
Worker 1B	0.2071	(Correlated)	0	1.0000
Worker 1C	0.2559	0.071002290	0	1.0000
Worker 2A	0.0909	0.022614804	0	1.0000
Worker 2B	0.0963	0.025141234	0	1.0000
Worker 2C	0.1341	0.039038461	0	1.0000
Worker 3A	0.01795807	(Insufficient)	0	1.0000
Worker 3B	0.02083463	(Insufficient)	0	1.0000
Worker 3C	0.02280463	(Insufficient)	0	1.0000
Worker 4A	0.00160372	(Insufficient)	0	1.0000
Worker 4B	0.00165623	(Insufficient)	0	1.0000
Worker 4C	0.00150398	(Insufficient)	0	1.0000

Unnamed Project

Replication 8   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 8   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8227
Machine 12	0.7686
Machine 21	0.4172
Machine 22	0.2929
Machine 31	0.08917811
Machine 32	0.04382396
Machine 41	0
Machine 42	0.01124013
Worker 1A	0.4077
Worker 1B	0.3451
Worker 1C	0.4265
Worker 2A	0.1514
Worker 2B	0.1605
Worker 2C	0.2236
Worker 3A	0.02993011
Worker 3B	0.03472439
Worker 3C	0.03800772
Worker 4A	0.00267287
Worker 4B	0.00276039
Worker 4C	0.00250664

Unnamed Project

Replication 8

Start Time: 0.00 Stop Time: 105.00 Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	894.00
Machine 12	836.00
Machine 21	452.00
Machine 22	320.00
Machine 31	97.0000
Machine 32	48.0000
Machine 41	0
Machine 42	13.0000
Worker 1A	1,197.00
Worker 1B	1,004.00
Worker 1C	1,258.00
Worker 2A	431.00
Worker 2B	477.00
Worker 2C	636.00
Worker 3A	72.0000
Worker 3B	99.00
Worker 3C	119.00
Worker 4A	10.0000
Worker 4B	8.0000
Worker 4C	8.0000

System

Other

Number Out	Value
System	5,666

Unnamed Project

Replications: 25

Replication 8   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	9,087.97	(Correlated)	-13,520	29,490.00
Profit Stat	9,087.97	(Correlated)	-13,520	29,490.00

Variable	Average	Half Width	Minimum	Maximum
Profit	9,087.97	(Correlated)	-13,520	29,490.00

Replication 9   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

NVA Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Wait Time	Average	Half Width	Minimum	Maximum
Customer	0.04399606	0.003916620	0	0.3781
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replication 9   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Entity

Time

Transfer Time	Average	Half Width	Minimum	Maximum
Customer	0	0.000000000	0	0
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other Time	Average	Half Width	Minimum	Maximum
Customer	0.0941	0.001267189	0.04194405	0.2537
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1381	0.004423080	0.04412379	0.4597
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,641
Entity 1	2,901
Truck	2

Number Out	Value
Customer	2,639
Entity 1	2,901
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.4748	0.273202817	0	13.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replication 9   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.02115923	(Insufficient)	0	0.2385
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.05282886	0.005674467	0	0.3257
Hold 9.Queue	0.03058158	0.003853950	0	0.1501
P11 Seize to Order.Queue	0.00240102	0.001425455	0	0.1114
P11 Seize to Pay.Queue	0.00144549	0.000658328	0	0.1199
P12 Seize to Order.Queue	0.00253399	0.001588979	0	0.0931
P12 Seize to Pay.Queue	0.00209681	0.001173369	0	0.0932
P21 Seize to Order.Queue	0.00096376	0.000729789	0	0.06296991
P21 Seize to Pay.Queue	0.00076162	0.000683447	0	0.06956585
P22 Seize to Order.Queue	0.00137777	0.001009509	0	0.0985
P22 Seize to Pay.Queue	0.00178202	0.001202676	0	0.06368887
P31 Seize to Order.Queue	0.00127255	(Insufficient)	0	0.1120
P31 Seize to Pay.Queue	0.00016084	(Insufficient)	0	0.01284741
P32 Seize to Order.Queue	0.00081698	(Insufficient)	0	0.01561267
P32 Seize to Pay.Queue	0.00014562	(Insufficient)	0	0.00742641
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.01374962	(Insufficient)	0	0.07422300
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02060052	0.001156011	0	0.1468
Waiting Line 2.Queue	0.01034743	0.001348697	0	0.1350
Waiting Line 3.Queue	0.00731729	(Insufficient)	0	0.1216
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 9   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.01773345	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.4440	0.052882778	0	3.0000
Hold 9.Queue	0.1354	0.023676746	0	2.0000
P11 Seize to Order.Queue	0.02016854	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01214213	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01976510	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01633516	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00426810	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00337288	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00429077	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00554972	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00106652	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00013480	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00039682	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00007073	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.00117854	(Insufficient)	0	1.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3337	0.029121048	0	1.0000
Waiting Line 2.Queue	0.07804920	0.017185632	0	1.0000
Waiting Line 3.Queue	0.00968670	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

Resource

Unnamed Project

Replications: 25

Replication 9   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.8159	0.028167082	0	1.0000
Machine 12	0.7497	0.039277360	0	1.0000
Machine 21	0.4126	0.043941235	0	1.0000
Machine 22	0.2930	0.045628652	0	1.0000
Machine 31	0.07950657	(Insufficient)	0	1.0000
Machine 32	0.04753507	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00690954	(Insufficient)	0	1.0000
Worker 1A	0.2521	0.060602009	0	1.0000
Worker 1B	0.2031	(Correlated)	0	1.0000
Worker 1C	0.2517	0.067366244	0	1.0000
Worker 2A	0.08785766	0.022198701	0	1.0000
Worker 2B	0.0978	0.025932107	0	1.0000
Worker 2C	0.1249	0.041303491	0	1.0000
Worker 3A	0.01594186	(Insufficient)	0	1.0000
Worker 3B	0.02029172	(Insufficient)	0	1.0000
Worker 3C	0.02112634	(Insufficient)	0	1.0000
Worker 4A	0.00055839	(Insufficient)	0	1.0000
Worker 4B	0.00099922	(Insufficient)	0	1.0000
Worker 4C	0.00116145	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 9   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.8159	0.028167082	0	1.0000
Machine 12	0.7497	0.039277360	0	1.0000
Machine 21	0.4126	0.043941235	0	1.0000
Machine 22	0.2930	0.045628652	0	1.0000
Machine 31	0.07950657	(Insufficient)	0	1.0000
Machine 32	0.04753507	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.00690954	(Insufficient)	0	1.0000
Worker 1A	0.2521	0.060602009	0	1.0000
Worker 1B	0.2031	(Correlated)	0	1.0000
Worker 1C	0.2517	0.067366244	0	1.0000
Worker 2A	0.08785766	0.022198701	0	1.0000
Worker 2B	0.0978	0.025932107	0	1.0000
Worker 2C	0.1249	0.041303491	0	1.0000
Worker 3A	0.01594186	(Insufficient)	0	1.0000
Worker 3B	0.02029172	(Insufficient)	0	1.0000
Worker 3C	0.02112634	(Insufficient)	0	1.0000
Worker 4A	0.00055839	(Insufficient)	0	1.0000
Worker 4B	0.00099922	(Insufficient)	0	1.0000
Worker 4C	0.00116145	(Insufficient)	0	1.0000

Unnamed Project

Replication 9   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum	Maximum
Machine 11	1.0000	(Insufficient)	1.0000	1.0000
Machine 12	1.0000	(Insufficient)	1.0000	1.0000
Machine 21	1.0000	(Insufficient)	1.0000	1.0000
Machine 22	1.0000	(Insufficient)	1.0000	1.0000
Machine 31	1.0000	(Insufficient)	1.0000	1.0000
Machine 32	1.0000	(Insufficient)	1.0000	1.0000
Machine 41	1.0000	(Insufficient)	1.0000	1.0000
Machine 42	1.0000	(Insufficient)	1.0000	1.0000
Worker 1A	0.6000	(Insufficient)	0	1.0000
Worker 1B	0.6000	(Insufficient)	0	1.0000
Worker 1C	0.6000	(Insufficient)	0	1.0000
Worker 2A	0.6000	(Insufficient)	0	1.0000
Worker 2B	0.6000	(Insufficient)	0	1.0000
Worker 2C	0.6000	(Insufficient)	0	1.0000
Worker 3A	0.6000	(Insufficient)	0	1.0000
Worker 3B	0.6000	(Insufficient)	0	1.0000
Worker 3C	0.6000	(Insufficient)	0	1.0000
Worker 4A	0.6000	(Insufficient)	0	1.0000
Worker 4B	0.6000	(Insufficient)	0	1.0000
Worker 4C	0.6000	(Insufficient)	0	1.0000

Unnamed Project

Replication 9   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.8159
Machine 12	0.7497
Machine 21	0.4126
Machine 22	0.2930
Machine 31	0.07950657
Machine 32	0.04753507
Machine 41	0
Machine 42	0.00690954
Worker 1A	0.4202
Worker 1B	0.3386
Worker 1C	0.4194
Worker 2A	0.1464
Worker 2B	0.1630
Worker 2C	0.2081
Worker 3A	0.02656976
Worker 3B	0.03381954
Worker 3C	0.03521057
Worker 4A	0.00093065
Worker 4B	0.00166537
Worker 4C	0.00193575

Unnamed Project

Replications: 25

Replication 9   Start Time: 0.00   Stop Time: 105.00   Time Units: Hours

Resource

Usage

Total Number Seized	Value
Machine 11	882.00
Machine 12	819.00
Machine 21	465.00
Machine 22	327.00
Machine 31	88.0000
Machine 32	51.0000
Machine 41	0
Machine 42	9.0000
Worker 1A	1,199.00
Worker 1B	987.00
Worker 1C	1,215.00
Worker 2A	470.00
Worker 2B	492.00
Worker 2C	622.00
Worker 3A	77.0000
Worker 3B	99.00
Worker 3C	102.00
Worker 4A	4.0000
Worker 4B	6.0000
Worker 4C	8.0000

System

Other

Number Out	Value
System	5,542

Unnamed Project

<div align="right">Replications: 25</div>

Replication 9   Start Time: 0.00   Stop Time: 105.00 Time Units: Hours

User Specified

Time Persistent

Time Persistent	Average	Half Width	Minimum	Maximum
Complaint Stat	0	(Insufficient)	0	0
Leave Stat	8,259.39	(Correlated)	-13,520	26,590.00
Profit Stat	8,259.39	(Correlated)	-13,520	26,590.00

Variable	Average	Half Width	Minimum	Maximum
Profit	8,259.39	(Correlated)	-13,520	26,590.00