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	0.06545238	0.012623826	0	1.3321
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	0.0946	0.001126122	0	0.2465
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1601	0.012990083	0	1.4115
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	2,918
Entity 1	4,723
Truck	2

Number Out	Value
Customer	2,918
Entity 1	4,723
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.4493	0.696411303	0	26.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Queue

Time

Unnamed Project

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

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	0.03385113	(Insufficient)	0	0.1467
Hold 12.Queue	0.4578	(Insufficient)	0.07005800	1.2662
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04688512	0.004262688	0	0.2303
Hold 9.Queue	0.04147178	0.003731874	0	0.1891
P11 Seize to Order.Queue	0.00247617	0.001326509	0	0.0919
P11 Seize to Pay.Queue	0.00111725	0.000682499	0	0.08912147
P12 Seize to Order.Queue	0.00255536	0.001142179	0	0.1079
P12 Seize to Pay.Queue	0.00236287	0.001212927	0	0.1183
P21 Seize to Order.Queue	0.00182730	0.001233889	0	0.07496433
P21 Seize to Pay.Queue	0.00167420	0.001163134	0	0.1054
P22 Seize to Order.Queue	0.00293222	0.001694185	0	0.06123129
P22 Seize to Pay.Queue	0.00209239	0.001305929	0	0.1047
P31 Seize to Order.Queue	0.00158063	(Insufficient)	0	0.07181179
P31 Seize to Pay.Queue	0.00164278	(Insufficient)	0	0.08515841
P32 Seize to Order.Queue	0.00256810	(Insufficient)	0	0.05494044
P32 Seize to Pay.Queue	0.00245764	(Insufficient)	0	0.0954
P41 Seize to Order.Queue	0.01094536	(Insufficient)	0	0.02648461
P41 Seize to Pay.Queue	0.01837185	(Insufficient)	0.00463584	0.04860809
P42 Seize to Order.Queue	0.2100	(Insufficient)	0	1.0320
P42 Seize to Pay.Queue	0.00008408	(Insufficient)	0	0.01495278
Waiting Line 1.Queue	0.02480083	(Correlated)	0	0.1996
Waiting Line 2.Queue	0.02118502	0.001413679	0	0.1679
Waiting Line 3.Queue	0.01759871	0.001850380	0	0.1297
Waiting Line 4.Queue	0.00117161	(Insufficient)	0	0.1449

Other

Unnamed Project

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

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	0.0906	0.017616466	0	2.0000
Hold 12.Queue	0.01743863	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2885	0.045626207	0	2.0000
Hold 9.Queue	0.1833	0.026552793	0	2.0000
P11 Seize to Order.Queue	0.01523433	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00687372	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01499145	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01386215	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00807491	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00739838	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01100281	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00785144	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00423008	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00439640	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00550306	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00526638	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00041697	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00069988	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.5739	0.291533113	0	11.0000
P42 Seize to Pay.Queue	0.00022982	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2981	0.039608475	0	3.0000
Waiting Line 2.Queue	0.1731	(Correlated)	0	2.0000
Waiting Line 3.Queue	0.08480904	0.016656755	0	2.0000
Waiting Line 4.Queue	0.00324702	(Insufficient)	0	2.0000

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	0.5910	0.056385893	0	1.0000
Machine 12	0.5558	0.059522914	0	1.0000
Machine 21	0.4320	(Correlated)	0	1.0000
Machine 22	0.3731	0.046716439	0	1.0000
Machine 31	0.2531	0.038600363	0	1.0000
Machine 32	0.2084	0.036707095	0	1.0000
Machine 41	0.00477078	(Insufficient)	0	1.0000
Machine 42	0.2586	(Insufficient)	0	1.0000
Worker 1A	0.1665	0.049589709	0	1.0000
Worker 1B	0.1573	(Correlated)	0	1.0000
Worker 1C	0.1824	0.054806922	0	1.0000
Worker 2A	0.1173	0.038393769	0	1.0000
Worker 2B	0.1110	0.030025219	0	1.0000
Worker 2C	0.1385	0.045762718	0	1.0000
Worker 3A	0.07398139	0.030301730	0	1.0000
Worker 3B	0.06216050	0.015642702	0	1.0000
Worker 3C	0.06855456	0.025283794	0	1.0000
Worker 4A	0.03802934	(Insufficient)	0	1.0000
Worker 4B	0.03322246	(Insufficient)	0	1.0000
Worker 4C	0.04814252	0.019165627	0	1.0000

Unnamed Project

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5910	0.056385893	0	1.0000
Machine 12	0.5558	0.059522914	0	1.0000
Machine 21	0.4320	(Correlated)	0	1.0000
Machine 22	0.3731	0.046716439	0	1.0000
Machine 31	0.2531	0.038600363	0	1.0000
Machine 32	0.2084	0.036707095	0	1.0000
Machine 41	0.00477078	(Insufficient)	0	1.0000
Machine 42	0.2586	(Insufficient)	0	1.0000
Worker 1A	0.1665	0.049589709	0	1.0000
Worker 1B	0.1573	(Correlated)	0	1.0000
Worker 1C	0.1824	0.054806922	0	1.0000
Worker 2A	0.1173	0.038393769	0	1.0000
Worker 2B	0.1110	0.030025219	0	1.0000
Worker 2C	0.1385	0.045762718	0	1.0000
Worker 3A	0.07398139	0.030301730	0	1.0000
Worker 3B	0.06216050	0.015642702	0	1.0000
Worker 3C	0.06855456	0.025283794	0	1.0000
Worker 4A	0.03802934	(Insufficient)	0	1.0000
Worker 4B	0.03322246	(Insufficient)	0	1.0000
Worker 4C	0.04814252	0.019165627	0	1.0000

Unnamed Project

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

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

Category by Replication

Unnamed Project

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5910
Machine 12	0.5558
Machine 21	0.4320
Machine 22	0.3731
Machine 31	0.2531
Machine 32	0.2084
Machine 41	0.00477078
Machine 42	0.2586
Worker 1A	0.2775
Worker 1B	0.2621
Worker 1C	0.3040
Worker 2A	0.1955
Worker 2B	0.1850
Worker 2C	0.2309
Worker 3A	0.1233
Worker 3B	0.1036
Worker 3C	0.1143
Worker 4A	0.06338223
Worker 4B	0.05537077
Worker 4C	0.08023754

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	646.00
Machine 12	616.00
Machine 21	464.00
Machine 22	394.00
Machine 31	281.00
Machine 32	225.00
Machine 41	4.0000
Machine 42	287.00
Worker 1A	845.00
Worker 1B	784.00
Worker 1C	895.00
Worker 2A	558.00
Worker 2B	524.00
Worker 2C	634.00
Worker 3A	358.00
Worker 3B	306.00
Worker 3C	348.00
Worker 4A	186.00
Worker 4B	169.00
Worker 4C	227.00

System

Other

Number Out	Value
System	7,643

Unnamed Project

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

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	11,335.32	(Correlated)	-13,520	32,553.80
Profit Stat	11,335.32	(Correlated)	-13,520	32,553.80

Variable	Average	Half Width	Minimum	Maximum
Profit	11,335.32	(Correlated)	-13,520	32,553.80

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	0.06891902	0.013677803	0	1.4004
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

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	0.08797269	(Correlated)	0	0.2404
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1569	0.020037063	0	1.4651
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,973
Entity 1	4,588
Truck	2

Number Out	Value
Customer	2,968
Entity 1	4,588
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.4750	0.956999204	0	26.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Category by Replication

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	0.03057480	(Insufficient)	0	0.1328
Hold 12.Queue	0.6418	(Insufficient)	0.01807237	1.3827
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04464103	0.003413078	0	0.1930
Hold 9.Queue	0.04202640	0.003826584	0	0.1761
P11 Seize to Order.Queue	0.00234436	0.001341116	0	0.1183
P11 Seize to Pay.Queue	0.00183420	0.001062437	0	0.0951
P12 Seize to Order.Queue	0.00337118	0.001481521	0	0.07615528
P12 Seize to Pay.Queue	0.00254892	0.001503304	0	0.1338
P21 Seize to Order.Queue	0.00214061	0.001196724	0	0.05659038
P21 Seize to Pay.Queue	0.00200999	0.001129721	0	0.06544864
P22 Seize to Order.Queue	0.00301965	0.001363787	0	0.04997612
P22 Seize to Pay.Queue	0.00207139	0.001168785	0	0.07982573
P31 Seize to Order.Queue	0.00227777	(Insufficient)	0	0.07700132
P31 Seize to Pay.Queue	0.00124114	(Insufficient)	0	0.03835971
P32 Seize to Order.Queue	0.00353975	(Insufficient)	0	0.05332470
P32 Seize to Pay.Queue	0.00240446	(Insufficient)	0	0.06235682
P41 Seize to Order.Queue	0.01135371	(Insufficient)	0	0.07515911
P41 Seize to Pay.Queue	0.03001136	(Insufficient)	0	0.1296
P42 Seize to Order.Queue	0.2515	(Insufficient)	0	1.4004
P42 Seize to Pay.Queue	0.00010066	(Insufficient)	0	0.02473970
Waiting Line 1.Queue	0.02621921	0.001757260	0	0.1586
Waiting Line 2.Queue	0.02236576	0.001860440	0	0.1390
Waiting Line 3.Queue	0.01804893	0.002095169	0	0.1192
Waiting Line 4.Queue	0.00140702	0.001526157	0	0.1766

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	0.08124160	0.021827046	0	1.0000
Hold 12.Queue	0.05368650	(Insufficient)	0	2.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2423	0.047003477	0	2.0000
Hold 9.Queue	0.1773	0.036717854	0	2.0000
P11 Seize to Order.Queue	0.01274884	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00997454	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01701641	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01286596	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00903135	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00848024	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01147468	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00787126	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00605237	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00329790	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00761889	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00517531	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00075691	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00200076	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.7714	0.324700511	0	13.0000
P42 Seize to Pay.Queue	0.00030389	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2749	0.051735262	0	3.0000
Waiting Line 2.Queue	0.1794	0.038170744	0	3.0000
Waiting Line 3.Queue	0.08680675	0.022320656	0	3.0000
Waiting Line 4.Queue	0.00436845	(Insufficient)	0	3.0000

Resource

Unnamed Project

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.5342	0.090995758	0	1.0000
Machine 12	0.4907	(Correlated)	0	1.0000
Machine 21	0.4001	0.074107449	0	1.0000
Machine 22	0.3612	0.068549647	0	1.0000
Machine 31	0.2489	0.052179866	0	1.0000
Machine 32	0.2027	0.045804498	0	1.0000
Machine 41	0.00732288	(Insufficient)	0	1.0000
Machine 42	0.2937	(Insufficient)	0	1.0000
Worker 1A	0.1612	0.058912566	0	1.0000
Worker 1B	0.1299	0.040109064	0	1.0000
Worker 1C	0.1695	0.062066266	0	1.0000
Worker 2A	0.1118	0.044625249	0	1.0000
Worker 2B	0.08880203	0.030916714	0	1.0000
Worker 2C	0.1291	0.050422166	0	1.0000
Worker 3A	0.07412376	0.033258975	0	1.0000
Worker 3B	0.05490773	0.019067327	0	1.0000
Worker 3C	0.07009142	0.030116239	0	1.0000
Worker 4A	0.05186792	0.026017882	0	1.0000
Worker 4B	0.03689329	(Insufficient)	0	1.0000
Worker 4C	0.04958995	(Insufficient)	0	1.0000

Unnamed Project

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5342	0.090995758	0	1.0000
Machine 12	0.4907	(Correlated)	0	1.0000
Machine 21	0.4001	0.074107449	0	1.0000
Machine 22	0.3612	0.068549647	0	1.0000
Machine 31	0.2489	0.052179866	0	1.0000
Machine 32	0.2027	0.045804498	0	1.0000
Machine 41	0.00732288	(Insufficient)	0	1.0000
Machine 42	0.2937	(Insufficient)	0	1.0000
Worker 1A	0.1612	0.058912566	0	1.0000
Worker 1B	0.1299	0.040109064	0	1.0000
Worker 1C	0.1695	0.062066266	0	1.0000
Worker 2A	0.1118	0.044625249	0	1.0000
Worker 2B	0.08880203	0.030916714	0	1.0000
Worker 2C	0.1291	0.050422166	0	1.0000
Worker 3A	0.07412376	0.033258975	0	1.0000
Worker 3B	0.05490773	0.019067327	0	1.0000
Worker 3C	0.07009142	0.030116239	0	1.0000
Worker 4A	0.05186792	0.026017882	0	1.0000
Worker 4B	0.03689329	(Insufficient)	0	1.0000
Worker 4C	0.04958995	(Insufficient)	0	1.0000

Unnamed Project

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	0.5342
Machine 12	0.4907
Machine 21	0.4001
Machine 22	0.3612
Machine 31	0.2489
Machine 32	0.2027
Machine 41	0.00732288
Machine 42	0.2937
Worker 1A	0.2687
Worker 1B	0.2165
Worker 1C	0.2825
Worker 2A	0.1864
Worker 2B	0.1480
Worker 2C	0.2152
Worker 3A	0.1235
Worker 3B	0.0915
Worker 3C	0.1168
Worker 4A	0.08644654
Worker 4B	0.06148881
Worker 4C	0.08264991

Unnamed Project

Replications: 25

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

Resource

Usage

Total Number Seized	Value
Machine 11	571.00
Machine 12	530.00
Machine 21	443.00
Machine 22	399.00
Machine 31	279.00
Machine 32	226.00
Machine 41	7.0000
Machine 42	317.00
Worker 1A	787.00
Worker 1B	602.00
Worker 1C	813.00
Worker 2A	564.00
Worker 2B	483.00
Worker 2C	637.00
Worker 3A	363.00
Worker 3B	276.00
Worker 3C	371.00
Worker 4A	244.00
Worker 4B	179.00
Worker 4C	225.00

System

Other

Number Out	Value
System	7,558

Unnamed Project

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

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	0.03540944	(Insufficient)	0	1.0000
Leave Stat	13,538.85	(Correlated)	-13,520	31,682.50
Profit Stat	13,539.21	(Correlated)	-13,520	31,682.50

Variable	Average	Half Width	Minimum	Maximum
Profit	13,539.21	(Correlated)	-13,520	31,682.50

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	0.06806877	0.013774009	0	1.3168
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	0.0928	0.002963475	0	0.2306
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1609	0.014703364	0	1.4120
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,848
Entity 1	4,453
Truck	2

Number Out	Value
Customer	2,848
Entity 1	4,453
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.3647	0.703765339	0	26.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

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

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	0.02910866	(Insufficient)	0	0.1489
Hold 12.Queue	0.3818	(Insufficient)	0	0.7636
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04605450	0.003054725	0	0.1815
Hold 9.Queue	0.04087713	0.004265548	0	0.1664
P11 Seize to Order.Queue	0.00221545	0.001009459	0	0.06060251
P11 Seize to Pay.Queue	0.00175269	0.000900964	0	0.0915
P12 Seize to Order.Queue	0.00318807	0.001478906	0	0.08338308
P12 Seize to Pay.Queue	0.00247216	0.001096810	0	0.1095
P21 Seize to Order.Queue	0.00242071	0.001661345	0	0.08799786
P21 Seize to Pay.Queue	0.00129491	0.000793555	0	0.06681013
P22 Seize to Order.Queue	0.00284628	0.001356855	0	0.05286713
P22 Seize to Pay.Queue	0.00251395	0.001404954	0	0.08434792
P31 Seize to Order.Queue	0.00207883	(Insufficient)	0	0.07224087
P31 Seize to Pay.Queue	0.00070277	(Insufficient)	0	0.03408455
P32 Seize to Order.Queue	0.00309372	(Insufficient)	0	0.0950
P32 Seize to Pay.Queue	0.00205175	(Insufficient)	0	0.05265024
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.2526	(Insufficient)	0	1.3168
P42 Seize to Pay.Queue	0.00001155	(Insufficient)	0	0.00326835
Waiting Line 1.Queue	0.02445256	0.001346015	0	0.1438
Waiting Line 2.Queue	0.02104403	0.001920911	0	0.1799
Waiting Line 3.Queue	0.01617040	0.002517667	0	0.1400
Waiting Line 4.Queue	0.00028774	(Insufficient)	0	0.08200471

Other

Unnamed Project

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	0.07124692	(Insufficient)	0	2.0000
Hold 12.Queue	0.00727279	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2803	0.040192035	0	3.0000
Hold 9.Queue	0.1732	0.028599472	0	3.0000
P11 Seize to Order.Queue	0.01348257	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01066638	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01773173	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01374992	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.01025919	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00548795	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01084298	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00957695	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00508819	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00172011	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00583388	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00386902	(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	0.6809	0.382561289	0	14.0000
P42 Seize to Pay.Queue	0.00003113	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2848	0.036564374	0	2.0000
Waiting Line 2.Queue	0.1694	0.026533916	0	2.0000
Waiting Line 3.Queue	0.07007171	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0.00078100	(Insufficient)	0	1.0000

Resource

Unnamed Project

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.5866	0.057665280	0	1.0000
Machine 12	0.5372	0.059690818	0	1.0000
Machine 21	0.4066	0.050885876	0	1.0000
Machine 22	0.3698	0.048659756	0	1.0000
Machine 31	0.2321	0.031917127	0	1.0000
Machine 32	0.1815	(Insufficient)	0	1.0000
Machine 41	0.00171158	(Insufficient)	0	1.0000
Machine 42	0.2480	(Insufficient)	0	1.0000
Worker 1A	0.1889	0.056380079	0	1.0000
Worker 1B	0.1362	0.035574117	0	1.0000
Worker 1C	0.1741	(Correlated)	0	1.0000
Worker 2A	0.1167	0.039654147	0	1.0000
Worker 2B	0.0977	0.027056401	0	1.0000
Worker 2C	0.1309	(Correlated)	0	1.0000
Worker 3A	0.06755419	0.024665909	0	1.0000
Worker 3B	0.04763560	0.014262366	0	1.0000
Worker 3C	0.06623516	0.022299282	0	1.0000
Worker 4A	0.04453147	0.020116900	0	1.0000
Worker 4B	0.02337725	(Insufficient)	0	1.0000
Worker 4C	0.04282334	(Insufficient)	0	1.0000

Unnamed Project

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

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5866	0.057665280	0	1.0000
Machine 12	0.5372	0.059690818	0	1.0000
Machine 21	0.4066	0.050885876	0	1.0000
Machine 22	0.3698	0.048659756	0	1.0000
Machine 31	0.2321	0.031917127	0	1.0000
Machine 32	0.1815	(Insufficient)	0	1.0000
Machine 41	0.00171158	(Insufficient)	0	1.0000
Machine 42	0.2480	(Insufficient)	0	1.0000
Worker 1A	0.1889	0.056380079	0	1.0000
Worker 1B	0.1362	0.035574117	0	1.0000
Worker 1C	0.1741	(Correlated)	0	1.0000
Worker 2A	0.1167	0.039654147	0	1.0000
Worker 2B	0.0977	0.027056401	0	1.0000
Worker 2C	0.1309	(Correlated)	0	1.0000
Worker 3A	0.06755419	0.024665909	0	1.0000
Worker 3B	0.04763560	0.014262366	0	1.0000
Worker 3C	0.06623516	0.022299282	0	1.0000
Worker 4A	0.04453147	0.020116900	0	1.0000
Worker 4B	0.02337725	(Insufficient)	0	1.0000
Worker 4C	0.04282334	(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

Unnamed Project

Replications: 25

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5866
Machine 12	0.5372
Machine 21	0.4066
Machine 22	0.3698
Machine 31	0.2321
Machine 32	0.1815
Machine 41	0.00171158
Machine 42	0.2480
Worker 1A	0.3148
Worker 1B	0.2269
Worker 1C	0.2901
Worker 2A	0.1944
Worker 2B	0.1628
Worker 2C	0.2182
Worker 3A	0.1126
Worker 3B	0.07939267
Worker 3C	0.1104
Worker 4A	0.07421911
Worker 4B	0.03896208
Worker 4C	0.07137223

Unnamed Project

Replications: 25

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

Resource

Usage

Total Number Seized	Value
Machine 11	639.00
Machine 12	584.00
Machine 21	445.00
Machine 22	400.00
Machine 31	257.00
Machine 32	198.00
Machine 41	2.0000
Machine 42	283.00
Worker 1A	896.00
Worker 1B	699.00
Worker 1C	851.00
Worker 2A	573.00
Worker 2B	487.00
Worker 2C	630.00
Worker 3A	344.00
Worker 3B	248.00
Worker 3C	318.00
Worker 4A	230.00
Worker 4B	131.00
Worker 4C	209.00

System

Other

Number Out	Value
System	7,303

Unnamed Project

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	0.00445398	(Insufficient)	0	1.0000
Leave Stat	13,519.05	(Correlated)	-13,520	31,722.50
Profit Stat	13,519.09	(Correlated)	-13,520	31,722.50

Variable	Average	Half Width	Minimum	Maximum
Profit	13,519.09	(Correlated)	-13,520	31,722.50

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	0.05941425	0.009244250	0	1.0577
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	0.08890321	0.009580542	0	0.2245
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1483	0.016825526	0	1.1768
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,783
Entity 1	4,967
Truck	2

Number Out	Value
Customer	2,779
Entity 1	4,967
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.9587	0.749961371	0	26.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

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

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	0.02683377	(Insufficient)	0	0.1696
Hold 12.Queue	0.05843627	(Insufficient)	0	0.4421
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04222387	0.003619922	0	0.2173
Hold 9.Queue	0.03673260	0.004168683	0	0.1980
P11 Seize to Order.Queue	0.00177350	0.001158391	0	0.0972
P11 Seize to Pay.Queue	0.00094477	0.000705050	0	0.07264097
P12 Seize to Order.Queue	0.00210722	0.001189683	0	0.07006303
P12 Seize to Pay.Queue	0.00199161	0.001306724	0	0.08915240
P21 Seize to Order.Queue	0.00127091	0.000605719	0	0.1551
P21 Seize to Pay.Queue	0.00086648	0.000647362	0	0.03931480
P22 Seize to Order.Queue	0.00245433	0.001401198	0	0.07177061
P22 Seize to Pay.Queue	0.00195442	0.001240358	0	0.06298128
P31 Seize to Order.Queue	0.00116019	(Insufficient)	0	0.07391031
P31 Seize to Pay.Queue	0.00098457	(Insufficient)	0	0.06396452
P32 Seize to Order.Queue	0.00203047	(Insufficient)	0	0.02805597
P32 Seize to Pay.Queue	0.00184850	(Insufficient)	0	0.1036
P41 Seize to Order.Queue	0.2570	(Insufficient)	0	0.7406
P41 Seize to Pay.Queue	0.00021002	(Insufficient)	0	0.00294027
P42 Seize to Order.Queue	0.2215	(Insufficient)	0	1.0577
P42 Seize to Pay.Queue	0.00022915	(Insufficient)	0	0.05071773
Waiting Line 1.Queue	0.02465841	0.001118129	0	0.2121
Waiting Line 2.Queue	0.02105240	0.001822209	0	0.1386
Waiting Line 3.Queue	0.01712897	0.002471992	0	0.1604
Waiting Line 4.Queue	0.00092551	(Insufficient)	0	0.1249

Other

Unnamed Project

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	0.06363436	(Insufficient)	0	2.0000
Hold 12.Queue	0.00779150	(Insufficient)	0	2.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2445	0.038651315	0	2.0000
Hold 9.Queue	0.1473	0.030154274	0	3.0000
P11 Seize to Order.Queue	0.01026943	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00547066	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01087729	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01028049	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00509576	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00347419	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00839147	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00668227	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00275131	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00233483	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00355815	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00323928	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.03426383	(Insufficient)	0	7.0000
P41 Seize to Pay.Queue	0.00002800	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.5351	0.258917649	0	13.0000
P42 Seize to Pay.Queue	0.00052815	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2701	0.046271361	0	2.0000
Waiting Line 2.Queue	0.1564	0.027878130	0	2.0000
Waiting Line 3.Queue	0.07063659	(Insufficient)	0	2.0000
Waiting Line 4.Queue	0.00228292	(Insufficient)	0	1.0000

Resource

Unnamed Project

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.5481	0.080091732	0	1.0000
Machine 12	0.4964	0.078230094	0	1.0000
Machine 21	0.3839	0.061156907	0	1.0000
Machine 22	0.3276	0.054842044	0	1.0000
Machine 31	0.2273	(Correlated)	0	1.0000
Machine 32	0.1660	(Insufficient)	0	1.0000
Machine 41	0.01461245	(Insufficient)	0	1.0000
Machine 42	0.2218	(Insufficient)	0	1.0000
Worker 1A	0.1696	0.055802550	0	1.0000
Worker 1B	0.1367	0.034279946	0	1.0000
Worker 1C	0.1588	0.047209910	0	1.0000
Worker 2A	0.1072	0.035239266	0	1.0000
Worker 2B	0.0991	0.026801083	0	1.0000
Worker 2C	0.1155	0.033325726	0	1.0000
Worker 3A	0.06050192	0.022286101	0	1.0000
Worker 3B	0.05768886	0.017463618	0	1.0000
Worker 3C	0.06122521	0.021641914	0	1.0000
Worker 4A	0.03808226	(Insufficient)	0	1.0000
Worker 4B	0.03238140	(Insufficient)	0	1.0000
Worker 4C	0.03928650	(Insufficient)	0	1.0000

Unnamed Project

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5481	0.080091732	0	1.0000
Machine 12	0.4964	0.078230094	0	1.0000
Machine 21	0.3839	0.061156907	0	1.0000
Machine 22	0.3276	0.054842044	0	1.0000
Machine 31	0.2273	(Correlated)	0	1.0000
Machine 32	0.1660	(Insufficient)	0	1.0000
Machine 41	0.01461245	(Insufficient)	0	1.0000
Machine 42	0.2218	(Insufficient)	0	1.0000
Worker 1A	0.1696	0.055802550	0	1.0000
Worker 1B	0.1367	0.034279946	0	1.0000
Worker 1C	0.1588	0.047209910	0	1.0000
Worker 2A	0.1072	0.035239266	0	1.0000
Worker 2B	0.0991	0.026801083	0	1.0000
Worker 2C	0.1155	0.033325726	0	1.0000
Worker 3A	0.06050192	0.022286101	0	1.0000
Worker 3B	0.05768886	0.017463618	0	1.0000
Worker 3C	0.06122521	0.021641914	0	1.0000
Worker 4A	0.03808226	(Insufficient)	0	1.0000
Worker 4B	0.03238140	(Insufficient)	0	1.0000
Worker 4C	0.03928650	(Insufficient)	0	1.0000

Unnamed Project

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	0.5481
Machine 12	0.4964
Machine 21	0.3839
Machine 22	0.3276
Machine 31	0.2273
Machine 32	0.1660
Machine 41	0.01461245
Machine 42	0.2218
Worker 1A	0.2827
Worker 1B	0.2278
Worker 1C	0.2647
Worker 2A	0.1786
Worker 2B	0.1651
Worker 2C	0.1924
Worker 3A	0.1008
Worker 3B	0.0961
Worker 3C	0.1020
Worker 4A	0.06347044
Worker 4B	0.05396901
Worker 4C	0.06547750

Unnamed Project

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

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

Resource

Usage

Total Number Seized	Value
Machine 11	608.00
Machine 12	542.00
Machine 21	421.00
Machine 22	359.00
Machine 31	249.00
Machine 32	184.00
Machine 41	14.0000
Machine 42	242.00
Worker 1A	841.00
Worker 1B	686.00
Worker 1C	773.00
Worker 2A	516.00
Worker 2B	483.00
Worker 2C	561.00
Worker 3A	316.00
Worker 3B	267.00
Worker 3C	283.00
Worker 4A	190.00
Worker 4B	155.00
Worker 4C	167.00

System

Other

Number Out	Value
System	7,748

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	0.02097341	(Insufficient)	0	1.0000
Leave Stat	12,380.56	(Correlated)	-13,520	31,882.50
Profit Stat	12,380.77	(Correlated)	-13,520	31,882.50

Variable	Average	Half Width	Minimum	Maximum
Profit	12,380.77	(Correlated)	-13,520	31,882.50

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	0.06254092	0.010847573	0	1.0187
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

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	0.0906	0.004909060	0	0.2407
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1532	0.013967168	0	1.1022
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,968
Entity 1	4,856
Truck	2

Number Out	Value
Customer	2,963
Entity 1	4,856
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.3262	0.788421276	0	23.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

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	0.03101111	(Insufficient)	0	0.1726
Hold 12.Queue	0.1940	(Insufficient)	0	0.8709
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04803291	0.005346466	0	0.2770
Hold 9.Queue	0.03626219	0.004061810	0	0.2112
P11 Seize to Order.Queue	0.00293979	0.001273535	0	0.1070
P11 Seize to Pay.Queue	0.00179140	0.000836364	0	0.06472012
P12 Seize to Order.Queue	0.00320992	0.001522792	0	0.1259
P12 Seize to Pay.Queue	0.00293662	0.001449281	0	0.08745575
P21 Seize to Order.Queue	0.00313115	0.001539294	0	0.07859208
P21 Seize to Pay.Queue	0.00146627	0.000780190	0	0.06245270
P22 Seize to Order.Queue	0.00395205	0.002333758	0	0.0958
P22 Seize to Pay.Queue	0.00314694	0.001939277	0	0.07840183
P31 Seize to Order.Queue	0.00239173	(Insufficient)	0	0.1508
P31 Seize to Pay.Queue	0.00099735	(Insufficient)	0	0.07039334
P32 Seize to Order.Queue	0.00323291	(Insufficient)	0	0.06834469
P32 Seize to Pay.Queue	0.00334525	(Insufficient)	0	0.05723146
P41 Seize to Order.Queue	0.0940	(Insufficient)	0	0.2988
P41 Seize to Pay.Queue	0.00534900	(Insufficient)	0	0.04845082
P42 Seize to Order.Queue	0.1777	(Insufficient)	0	0.8557
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02628730	0.002207927	0	0.2156
Waiting Line 2.Queue	0.02263870	0.002464041	0	0.1772
Waiting Line 3.Queue	0.01938919	0.003392332	0	0.1945
Waiting Line 4.Queue	0.00206397	(Insufficient)	0	0.1967

Other

Category by Replication

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	0.08446837	0.022306926	0	2.0000
Hold 12.Queue	0.02771861	(Insufficient)	0	2.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2850	0.053251927	0	4.0000
Hold 9.Queue	0.1602	0.027753049	0	2.0000
P11 Seize to Order.Queue	0.01747074	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01064604	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01766982	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01616540	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.01386653	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00649350	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01482958	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.01177855	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00651461	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00271660	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00683530	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00707282	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.01342950	(Insufficient)	0	4.0000
P41 Seize to Pay.Queue	0.00076414	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.4755	0.243401259	0	9.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.3017	0.046511242	0	3.0000
Waiting Line 2.Queue	0.1852	0.035665872	0	3.0000
Waiting Line 3.Queue	0.0938	0.025776182	0	3.0000
Waiting Line 4.Queue	0.00581843	(Insufficient)	0	3.0000

Resource

Unnamed Project

Replications: 25

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.5690	0.069056594	0	1.0000
Machine 12	0.5346	0.067828526	0	1.0000
Machine 21	0.4248	0.059411538	0	1.0000
Machine 22	0.3600	0.056334335	0	1.0000
Machine 31	0.2588	0.050638472	0	1.0000
Machine 32	0.2049	0.044477972	0	1.0000
Machine 41	0.01302556	(Insufficient)	0	1.0000
Machine 42	0.2511	(Insufficient)	0	1.0000
Worker 1A	0.1755	0.056220192	0	1.0000
Worker 1B	0.1363	0.035956066	0	1.0000
Worker 1C	0.1817	0.057735578	0	1.0000
Worker 2A	0.1215	0.036875685	0	1.0000
Worker 2B	0.0930	0.027756888	0	1.0000
Worker 2C	0.1319	0.044904354	0	1.0000
Worker 3A	0.07488705	0.028798835	0	1.0000
Worker 3B	0.04985404	0.015967222	0	1.0000
Worker 3C	0.07967731	0.034122655	0	1.0000
Worker 4A	0.04264059	0.020366797	0	1.0000
Worker 4B	0.02709212	(Insufficient)	0	1.0000
Worker 4C	0.04656030	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5690	0.069056594	0	1.0000
Machine 12	0.5346	0.067828526	0	1.0000
Machine 21	0.4248	0.059411538	0	1.0000
Machine 22	0.3600	0.056334335	0	1.0000
Machine 31	0.2588	0.050638472	0	1.0000
Machine 32	0.2049	0.044477972	0	1.0000
Machine 41	0.01302556	(Insufficient)	0	1.0000
Machine 42	0.2511	(Insufficient)	0	1.0000
Worker 1A	0.1755	0.056220192	0	1.0000
Worker 1B	0.1363	0.035956066	0	1.0000
Worker 1C	0.1817	0.057735578	0	1.0000
Worker 2A	0.1215	0.036875685	0	1.0000
Worker 2B	0.0930	0.027756888	0	1.0000
Worker 2C	0.1319	0.044904354	0	1.0000
Worker 3A	0.07488705	0.028798835	0	1.0000
Worker 3B	0.04985404	0.015967222	0	1.0000
Worker 3C	0.07967731	0.034122655	0	1.0000
Worker 4A	0.04264059	0.020366797	0	1.0000
Worker 4B	0.02709212	(Insufficient)	0	1.0000
Worker 4C	0.04656030	(Insufficient)	0	1.0000

Unnamed Project

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	0.5690
Machine 12	0.5346
Machine 21	0.4248
Machine 22	0.3600
Machine 31	0.2588
Machine 32	0.2049
Machine 41	0.01302556
Machine 42	0.2511
Worker 1A	0.2925
Worker 1B	0.2272
Worker 1C	0.3028
Worker 2A	0.2026
Worker 2B	0.1550
Worker 2C	0.2199
Worker 3A	0.1248
Worker 3B	0.08309007
Worker 3C	0.1328
Worker 4A	0.07106765
Worker 4B	0.04515353
Worker 4C	0.07760049

Unnamed Project

Replications: 25

Replication 13

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

Resource

Usage

Total Number Seized	Value
Machine 11	624.00
Machine 12	578.00
Machine 21	465.00
Machine 22	394.00
Machine 31	286.00
Machine 32	222.00
Machine 41	15.0000
Machine 42	281.00
Worker 1A	868.00
Worker 1B	649.00
Worker 1C	887.00
Worker 2A	610.00
Worker 2B	447.00
Worker 2C	660.00
Worker 3A	387.00
Worker 3B	239.00
Worker 3C	390.00
Worker 4A	222.00
Worker 4B	144.00
Worker 4C	226.00

System

Other

Number Out	Value
System	7,821

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	0.01082344	(Insufficient)	0	1.0000
Leave Stat	13,041.19	(Correlated)	-13,520	31,710.00
Profit Stat	13,041.30	(Correlated)	-13,520	31,710.00

Variable	Average	Half Width	Minimum	Maximum
Profit	13,041.30	(Correlated)	-13,520	31,710.00

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	0.06058520	0.009194982	0	1.2162
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

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	0.0908	0.006883621	0	0.2458
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1514	0.013660368	0	1.2998
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,738
Entity 1	4,522
Truck	2

Number Out	Value
Customer	2,733
Entity 1	4,522
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.9438	0.772689757	0	24.0000
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	0.03441476	(Insufficient)	0	0.1864
Hold 12.Queue	0.2364	(Insufficient)	0	0.9371
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04695563	0.003877031	0	0.2101
Hold 9.Queue	0.03971815	0.004284718	0	0.1894
P11 Seize to Order.Queue	0.00281098	0.001320374	0	0.1125
P11 Seize to Pay.Queue	0.00144999	0.000790207	0	0.05027894
P12 Seize to Order.Queue	0.00353567	0.001606731	0	0.06922246
P12 Seize to Pay.Queue	0.00346725	0.001785324	0	0.1225
P21 Seize to Order.Queue	0.00262610	0.001478446	0	0.1374
P21 Seize to Pay.Queue	0.00170104	0.001086762	0	0.07740484
P22 Seize to Order.Queue	0.00382430	0.001929691	0	0.05928861
P22 Seize to Pay.Queue	0.00325837	0.001848841	0	0.1333
P31 Seize to Order.Queue	0.00164241	(Insufficient)	0	0.06370003
P31 Seize to Pay.Queue	0.00198018	(Insufficient)	0	0.06641449
P32 Seize to Order.Queue	0.00424000	(Insufficient)	0	0.08352382
P32 Seize to Pay.Queue	0.00229167	(Insufficient)	0	0.04385214
P41 Seize to Order.Queue	0.03107020	(Insufficient)	0	0.1800
P41 Seize to Pay.Queue	0.00061167	(Insufficient)	0	0.00550501
P42 Seize to Order.Queue	0.1999	(Insufficient)	0	1.2162
P42 Seize to Pay.Queue	0.00013620	(Insufficient)	0	0.01921903
Waiting Line 1.Queue	0.02504371	0.001536032	0	0.1841
Waiting Line 2.Queue	0.02200532	0.001772917	0	0.2090
Waiting Line 3.Queue	0.01736399	0.001888051	0	0.1260
Waiting Line 4.Queue	0.00032572	(Insufficient)	0	0.07263509

Other

Unnamed Project

Replications: 25

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	0.08259542	0.019261094	0	2.0000
Hold 12.Queue	0.02026644	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2643	0.050339572	0	3.0000
Hold 9.Queue	0.1627	0.038842822	0	2.0000
P11 Seize to Order.Queue	0.01584858	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00816136	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01798143	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01760041	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.01077950	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00698234	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01369465	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.01166805	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00394180	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00475244	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00811658	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00438691	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00266316	(Insufficient)	0	2.0000
P41 Seize to Pay.Queue	0.00005243	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.4074	(Insufficient)	0	12.0000
P42 Seize to Pay.Queue	0.00027758	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2686	0.046620062	0	1.0000
Waiting Line 2.Queue	0.1691	0.032299536	0	1.0000
Waiting Line 3.Queue	0.07491322	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0.00069176	(Insufficient)	0	1.0000

Resource

Unnamed Project

Replications: 25

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.5434	0.080643253	0	1.0000
Machine 12	0.5009	0.079451105	0	1.0000
Machine 21	0.4009	0.066301182	0	1.0000
Machine 22	0.3524	0.065024610	0	1.0000
Machine 31	0.2308	0.045565378	0	1.0000
Machine 32	0.1866	(Insufficient)	0	1.0000
Machine 41	0.00761691	(Insufficient)	0	1.0000
Machine 42	0.1975	(Insufficient)	0	1.0000
Worker 1A	0.1636	0.054373690	0	1.0000
Worker 1B	0.1359	0.039941562	0	1.0000
Worker 1C	0.1691	0.053217766	0	1.0000
Worker 2A	0.1069	0.037320335	0	1.0000
Worker 2B	0.0979	0.030638773	0	1.0000
Worker 2C	0.1314	0.044611947	0	1.0000
Worker 3A	0.06693715	0.024206712	0	1.0000
Worker 3B	0.04837648	0.016705114	0	1.0000
Worker 3C	0.07211421	0.032913733	0	1.0000
Worker 4A	0.02685998	(Insufficient)	0	1.0000
Worker 4B	0.02475701	(Insufficient)	0	1.0000
Worker 4C	0.04312598	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5434	0.080643253	0	1.0000
Machine 12	0.5009	0.079451105	0	1.0000
Machine 21	0.4009	0.066301182	0	1.0000
Machine 22	0.3524	0.065024610	0	1.0000
Machine 31	0.2308	0.045565378	0	1.0000
Machine 32	0.1866	(Insufficient)	0	1.0000
Machine 41	0.00761691	(Insufficient)	0	1.0000
Machine 42	0.1975	(Insufficient)	0	1.0000
Worker 1A	0.1636	0.054373690	0	1.0000
Worker 1B	0.1359	0.039941562	0	1.0000
Worker 1C	0.1691	0.053217766	0	1.0000
Worker 2A	0.1069	0.037320335	0	1.0000
Worker 2B	0.0979	0.030638773	0	1.0000
Worker 2C	0.1314	0.044611947	0	1.0000
Worker 3A	0.06693715	0.024206712	0	1.0000
Worker 3B	0.04837648	0.016705114	0	1.0000
Worker 3C	0.07211421	0.032913733	0	1.0000
Worker 4A	0.02685998	(Insufficient)	0	1.0000
Worker 4B	0.02475701	(Insufficient)	0	1.0000
Worker 4C	0.04312598	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

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

Unnamed Project

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5434
Machine 12	0.5009
Machine 21	0.4009
Machine 22	0.3524
Machine 31	0.2308
Machine 32	0.1866
Machine 41	0.00761691
Machine 42	0.1975
Worker 1A	0.2727
Worker 1B	0.2266
Worker 1C	0.2819
Worker 2A	0.1782
Worker 2B	0.1631
Worker 2C	0.2190
Worker 3A	0.1116
Worker 3B	0.08062747
Worker 3C	0.1202
Worker 4A	0.04476664
Worker 4B	0.04126169
Worker 4C	0.07187664

Unnamed Project

Replications: 25

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

Resource

Usage

Total Number Seized	Value
Machine 11	592.00
Machine 12	534.00
Machine 21	431.00
Machine 22	376.00
Machine 31	252.00
Machine 32	201.00
Machine 41	9.0000
Machine 42	214.00
Worker 1A	790.00
Worker 1B	667.00
Worker 1C	793.00
Worker 2A	516.00
Worker 2B	466.00
Worker 2C	632.00
Worker 3A	319.00
Worker 3B	242.00
Worker 3C	345.00
Worker 4A	144.00
Worker 4B	115.00
Worker 4C	187.00

System

Other

Number Out	Value
System	7,257

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	0.01973306	(Insufficient)	0	1.0000
Leave Stat	10,009.00	(Correlated)	-13,520	30,447.50
Profit Stat	10,009.20	(Correlated)	-13,520	30,447.50
Variable	Average	Half Width	Minimum	Maximum
Profit	10,009.20	(Correlated)	-13,520	30,447.50

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	0.07473366	(Correlated)	0	1.4371
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

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	0.08512468	(Correlated)	0	0.2411
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1599	(Correlated)	0	1.5833
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	3,177
Entity 1	4,877
Truck	2

Number Out	Value
Customer	3,169
Entity 1	4,877
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.8286	1.10724	0	27.0000
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	0.03079635	(Insufficient)	0	0.1786
Hold 12.Queue	0.3831	(Insufficient)	0	0.8404
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04496872	0.003930444	0	0.2185
Hold 9.Queue	0.03955897	0.005215769	0	0.1968
P11 Seize to Order.Queue	0.00263755	(Correlated)	0	0.08338283
P11 Seize to Pay.Queue	0.00138282	0.000821604	0	0.06220928
P12 Seize to Order.Queue	0.00227560	0.001261553	0	0.08212880
P12 Seize to Pay.Queue	0.00315992	0.001663953	0	0.0926
P21 Seize to Order.Queue	0.00183648	0.000989437	0	0.07061496
P21 Seize to Pay.Queue	0.00160591	0.001053982	0	0.0941
P22 Seize to Order.Queue	0.00266806	0.001341534	0	0.03796297
P22 Seize to Pay.Queue	0.00229248	0.001580650	0	0.07281022
P31 Seize to Order.Queue	0.00259138	(Insufficient)	0	0.0964
P31 Seize to Pay.Queue	0.00152794	(Insufficient)	0	0.07535203
P32 Seize to Order.Queue	0.00277723	(Insufficient)	0	0.03106941
P32 Seize to Pay.Queue	0.00276944	(Insufficient)	0	0.05884896
P41 Seize to Order.Queue	0.02088904	(Insufficient)	0	0.08978383
P41 Seize to Pay.Queue	0.00509243	(Insufficient)	0	0.01819753
P42 Seize to Order.Queue	0.3121	0.097011347	0	1.4371
P42 Seize to Pay.Queue	0.00029853	0.000624461	0	0.08969114
Waiting Line 1.Queue	0.02603894	0.001715522	0	0.1823
Waiting Line 2.Queue	0.02234665	0.002176652	0	0.1688
Waiting Line 3.Queue	0.01990008	0.002305333	0	0.1223
Waiting Line 4.Queue	0.00094763	0.001392970	0	0.1874

Other

Unnamed Project

Replications: 25

Replication 15   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	0.08417670	0.021678719	0	2.0000
Hold 12.Queue	0.01824278	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2565	0.055845493	0	2.0000
Hold 9.Queue	0.1680	0.041733690	0	3.0000
P11 Seize to Order.Queue	0.01507170	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00790180	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01213654	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01682283	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00781817	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00682128	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00990995	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00849308	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00710779	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00417636	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00597765	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00593452	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00099472	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00024250	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	1.0521	(Correlated)	0	15.0000
P42 Seize to Pay.Queue	0.00100646	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2882	0.052367057	0	3.0000
Waiting Line 2.Queue	0.1786	0.035400339	0	2.0000
Waiting Line 3.Queue	0.0974	0.023948643	0	2.0000
Waiting Line 4.Queue	0.00323998	(Insufficient)	0	2.0000

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	0.5524	0.092053339	0	1.0000
Machine 12	0.5148	0.091017533	0	1.0000
Machine 21	0.4059	0.070084508	0	1.0000
Machine 22	0.3566	0.068674429	0	1.0000
Machine 31	0.2602	0.049475799	0	1.0000
Machine 32	0.2056	0.043802379	0	1.0000
Machine 41	0.00525387	(Insufficient)	0	1.0000
Machine 42	0.3221	(Insufficient)	0	1.0000
Worker 1A	0.1691	0.048193309	0	1.0000
Worker 1B	0.1338	0.042366057	0	1.0000
Worker 1C	0.1711	0.058836073	0	1.0000
Worker 2A	0.1132	0.033105024	0	1.0000
Worker 2B	0.1002	0.031681453	0	1.0000
Worker 2C	0.1275	0.044345604	0	1.0000
Worker 3A	0.07072039	0.022360955	0	1.0000
Worker 3B	0.05666795	0.018299801	0	1.0000
Worker 3C	0.08075169	0.029709702	0	1.0000
Worker 4A	0.05203250	0.023312914	0	1.0000
Worker 4B	0.03416698	(Insufficient)	0	1.0000
Worker 4C	0.06454478	0.034862809	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	0.5524	0.092053339	0	1.0000
Machine 12	0.5148	0.091017533	0	1.0000
Machine 21	0.4059	0.070084508	0	1.0000
Machine 22	0.3566	0.068674429	0	1.0000
Machine 31	0.2602	0.049475799	0	1.0000
Machine 32	0.2056	0.043802379	0	1.0000
Machine 41	0.00525387	(Insufficient)	0	1.0000
Machine 42	0.3221	(Insufficient)	0	1.0000
Worker 1A	0.1691	0.048193309	0	1.0000
Worker 1B	0.1338	0.042366057	0	1.0000
Worker 1C	0.1711	0.058836073	0	1.0000
Worker 2A	0.1132	0.033105024	0	1.0000
Worker 2B	0.1002	0.031681453	0	1.0000
Worker 2C	0.1275	0.044345604	0	1.0000
Worker 3A	0.07072039	0.022360955	0	1.0000
Worker 3B	0.05666795	0.018299801	0	1.0000
Worker 3C	0.08075169	0.029709702	0	1.0000
Worker 4A	0.05203250	0.023312914	0	1.0000
Worker 4B	0.03416698	(Insufficient)	0	1.0000
Worker 4C	0.06454478	0.034862809	0	1.0000

Unnamed Project

Replications: 25

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

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5524
Machine 12	0.5148
Machine 21	0.4059
Machine 22	0.3566
Machine 31	0.2602
Machine 32	0.2056
Machine 41	0.00525387
Machine 42	0.3221
Worker 1A	0.2819
Worker 1B	0.2231
Worker 1C	0.2851
Worker 2A	0.1887
Worker 2B	0.1670
Worker 2C	0.2126
Worker 3A	0.1179
Worker 3B	0.0944
Worker 3C	0.1346
Worker 4A	0.08672083
Worker 4B	0.05694497
Worker 4C	0.1076

Unnamed Project

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

Resource

Usage

Total Number Seized	Value
Machine 11	600.00
Machine 12	560.00
Machine 21	447.00
Machine 22	390.00
Machine 31	288.00
Machine 32	226.00
Machine 41	5.0000
Machine 42	354.00
Worker 1A	817.00
Worker 1B	656.00
Worker 1C	846.00
Worker 2A	555.00
Worker 2B	469.00
Worker 2C	648.00
Worker 3A	344.00
Worker 3B	290.00
Worker 3C	392.00
Worker 4A	261.00
Worker 4B	167.00
Worker 4C	290.00

System

Other

Number Out	Value
System	8,048

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	0.03707022	(Insufficient)	0	1.0000
Leave Stat	13,236.23	(Correlated)	-13,520	31,970.00
Profit Stat	13,236.60	(Correlated)	-13,520	31,970.00

Variable	Average	Half Width	Minimum	Maximum
Profit	13,236.60	(Correlated)	-13,520	31,970.00

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	0.07316177	0.013048903	0	1.1438
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

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	0.0942	0.000995459	0	0.2574
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1673	0.013498718	0	1.2704
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,711
Entity 1	5,101
Truck	2

Number Out	Value
Customer	2,705
Entity 1	5,101
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.3161	0.731030852	0	24.0000
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	0.03207334	(Insufficient)	0	0.1317
Hold 12.Queue	0.2742	(Insufficient)	0.1390	0.4095
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04364251	0.004925797	0	0.2680
Hold 9.Queue	0.04113132	0.004748222	0	0.3162
P11 Seize to Order.Queue	0.00235639	0.001264502	0	0.0917
P11 Seize to Pay.Queue	0.00145392	0.001162843	0	0.06150250
P12 Seize to Order.Queue	0.00268943	0.001270724	0	0.04930865
P12 Seize to Pay.Queue	0.00270089	0.001461306	0	0.0968
P21 Seize to Order.Queue	0.00225375	0.001383826	0	0.1003
P21 Seize to Pay.Queue	0.00107629	0.000749662	0	0.04950487
P22 Seize to Order.Queue	0.00338182	0.001920575	0	0.06758001
P22 Seize to Pay.Queue	0.00242402	0.001167503	0	0.07227986
P31 Seize to Order.Queue	0.00254582	(Insufficient)	0	0.0977
P31 Seize to Pay.Queue	0.00113659	(Insufficient)	0	0.06987416
P32 Seize to Order.Queue	0.00347349	(Insufficient)	0	0.06945491
P32 Seize to Pay.Queue	0.00389751	(Insufficient)	0	0.06841818
P41 Seize to Order.Queue	0.00194248	(Insufficient)	0	0.00388496
P41 Seize to Pay.Queue	0.01225606	(Insufficient)	0.00720507	0.01730705
P42 Seize to Order.Queue	0.2545	(Insufficient)	0	1.1438
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02476492	0.001413661	0	0.1470
Waiting Line 2.Queue	0.02141103	0.001542189	0	0.1380
Waiting Line 3.Queue	0.02010828	0.002264829	0	0.1436
Waiting Line 4.Queue	0.00029728	(Insufficient)	0	0.0939

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	0.07935740	0.015261502	0	2.0000
Hold 12.Queue	0.00522351	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2481	0.043275020	0	3.0000
Hold 9.Queue	0.1669	0.025044342	0	3.0000
P11 Seize to Order.Queue	0.01342020	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00828043	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01388258	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01391603	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00916524	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00436665	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01178806	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00842634	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00630393	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00281440	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00664926	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00742382	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00003700	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00023345	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.7610	0.368364037	0	11.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.2689	0.035743352	0	1.0000
Waiting Line 2.Queue	0.1617	0.022369869	0	1.0000
Waiting Line 3.Queue	0.08828492	0.017349329	0	1.0000
Waiting Line 4.Queue	0.00089469	(Insufficient)	0	1.0000

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	0.5411	0.053683329	0	1.0000
Machine 12	0.5000	0.058122368	0	1.0000
Machine 21	0.3889	0.048319271	0	1.0000
Machine 22	0.3359	0.045689796	0	1.0000
Machine 31	0.2359	0.029698609	0	1.0000
Machine 32	0.1862	(Insufficient)	0	1.0000
Machine 41	0.00169394	(Insufficient)	0	1.0000
Machine 42	0.2847	(Insufficient)	0	1.0000
Worker 1A	0.1649	0.046439934	0	1.0000
Worker 1B	0.1294	0.032142901	0	1.0000
Worker 1C	0.1654	0.044802038	0	1.0000
Worker 2A	0.1167	0.034451479	0	1.0000
Worker 2B	0.0910	0.022954298	0	1.0000
Worker 2C	0.1184	0.034541121	0	1.0000
Worker 3A	0.06450166	0.021474271	0	1.0000
Worker 3B	0.04948030	0.013769044	0	1.0000
Worker 3C	0.07375386	0.023376159	0	1.0000
Worker 4A	0.04899409	0.023291835	0	1.0000
Worker 4B	0.02614849	(Insufficient)	0	1.0000
Worker 4C	0.05587971	0.025716254	0	1.0000

Unnamed Project

Replication 16

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5411	0.053683329	0	1.0000
Machine 12	0.5000	0.058122368	0	1.0000
Machine 21	0.3889	0.048319271	0	1.0000
Machine 22	0.3359	0.045689796	0	1.0000
Machine 31	0.2359	0.029698609	0	1.0000
Machine 32	0.1862	(Insufficient)	0	1.0000
Machine 41	0.00169394	(Insufficient)	0	1.0000
Machine 42	0.2847	(Insufficient)	0	1.0000
Worker 1A	0.1649	0.046439934	0	1.0000
Worker 1B	0.1294	0.032142901	0	1.0000
Worker 1C	0.1654	0.044802038	0	1.0000
Worker 2A	0.1167	0.034451479	0	1.0000
Worker 2B	0.0910	0.022954298	0	1.0000
Worker 2C	0.1184	0.034541121	0	1.0000
Worker 3A	0.06450166	0.021474271	0	1.0000
Worker 3B	0.04948030	0.013769044	0	1.0000
Worker 3C	0.07375386	0.023376159	0	1.0000
Worker 4A	0.04899409	0.023291835	0	1.0000
Worker 4B	0.02614849	(Insufficient)	0	1.0000
Worker 4C	0.05587971	0.025716254	0	1.0000

Unnamed Project

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	0.5411
Machine 12	0.5000
Machine 21	0.3889
Machine 22	0.3359
Machine 31	0.2359
Machine 32	0.1862
Machine 41	0.00169394
Machine 42	0.2847
Worker 1A	0.2748
Worker 1B	0.2156
Worker 1C	0.2757
Worker 2A	0.1945
Worker 2B	0.1516
Worker 2C	0.1974
Worker 3A	0.1075
Worker 3B	0.08246717
Worker 3C	0.1229
Worker 4A	0.08165681
Worker 4B	0.04358082
Worker 4C	0.0931

Unnamed Project

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

Resource

Usage

Total Number Seized	Value
Machine 11	598.00
Machine 12	542.00
Machine 21	427.00
Machine 22	366.00
Machine 31	260.00
Machine 32	201.00
Machine 41	2.0000
Machine 42	314.00
Worker 1A	831.00
Worker 1B	615.00
Worker 1C	833.00
Worker 2A	567.00
Worker 2B	445.00
Worker 2C	572.00
Worker 3A	335.00
Worker 3B	247.00
Worker 3C	339.00
Worker 4A	232.00
Worker 4B	146.00
Worker 4C	254.00

System

Other

Number Out	Value
System	7,808

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	9,206.30	(Correlated)	-13,520	28,037.30
Profit Stat	9,206.30	(Correlated)	-13,520	28,037.30

Variable	Average	Half Width	Minimum	Maximum
Profit	9,206.30	(Correlated)	-13,520	28,037.30

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	0.06584051	0.015959535	0	1.7078
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

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	0.08737149	(Correlated)	0	0.2901
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1532	(Correlated)	0	1.7989
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,930
Entity 1	4,676
Truck	2

Number Out	Value
Customer	2,918
Entity 1	4,676
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.2654	(Correlated)	0	27.0000
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	0.03506594	(Insufficient)	0	0.2546
Hold 12.Queue	0.3063	(Insufficient)	0	1.6671
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04441912	0.004233342	0	0.1908
Hold 9.Queue	0.04140796	0.005377317	0	0.2115
P11 Seize to Order.Queue	0.00257806	0.001401329	0	0.08603202
P11 Seize to Pay.Queue	0.00171587	0.001049154	0	0.08181619
P12 Seize to Order.Queue	0.00366479	0.002077174	0	0.1377
P12 Seize to Pay.Queue	0.00196375	0.001135932	0	0.0904
P21 Seize to Order.Queue	0.00245790	0.001883805	0	0.1199
P21 Seize to Pay.Queue	0.00123617	0.001050869	0	0.07573172
P22 Seize to Order.Queue	0.00298762	0.001582998	0	0.1120
P22 Seize to Pay.Queue	0.00267755	0.001597099	0	0.1141
P31 Seize to Order.Queue	0.00204808	(Insufficient)	0	0.08118160
P31 Seize to Pay.Queue	0.00147398	(Insufficient)	0	0.1056
P32 Seize to Order.Queue	0.00331681	(Insufficient)	0	0.05602869
P32 Seize to Pay.Queue	0.00193063	(Insufficient)	0	0.04543953
P41 Seize to Order.Queue	0.04226885	(Insufficient)	0	0.1802
P41 Seize to Pay.Queue	0.00538978	(Insufficient)	0	0.03729831
P42 Seize to Order.Queue	0.2573	(Insufficient)	0	1.3494
P42 Seize to Pay.Queue	0.00013009	(Insufficient)	0	0.03512413
Waiting Line 1.Queue	0.02560931	0.001398145	0	0.1478
Waiting Line 2.Queue	0.02219034	0.002168480	0	0.1486
Waiting Line 3.Queue	0.01799073	0.001712111	0	0.1651
Waiting Line 4.Queue	0.00101374	(Insufficient)	0	0.1904

Other

Unnamed Project

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	0.08616202	0.020623309	0	2.0000
Hold 12.Queue	0.02625167	(Insufficient)	0	2.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2488	(Correlated)	0	2.0000
Hold 9.Queue	0.1684	(Correlated)	0	2.0000
P11 Seize to Order.Queue	0.01448626	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00962519	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01888240	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01009927	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.01001887	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00502711	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01081232	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00966468	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00505194	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00362178	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00644408	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00373254	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00362304	(Insufficient)	0	2.0000
P41 Seize to Pay.Queue	0.00046198	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.6650	0.425373716	0	14.0000
P42 Seize to Pay.Queue	0.00033452	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2758	(Correlated)	0	2.0000
Waiting Line 2.Queue	0.1708	(Correlated)	0	2.0000
Waiting Line 3.Queue	0.07937340	(Correlated)	0	1.0000
Waiting Line 4.Queue	0.00273227	(Insufficient)	0	1.0000

Resource

Unnamed Project

Replications: 25

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.5438	(Correlated)	0	1.0000
Machine 12	0.4938	(Correlated)	0	1.0000
Machine 21	0.3940	(Correlated)	0	1.0000
Machine 22	0.3538	(Correlated)	0	1.0000
Machine 31	0.2367	(Correlated)	0	1.0000
Machine 32	0.1958	(Insufficient)	0	1.0000
Machine 41	0.00906172	(Insufficient)	0	1.0000
Machine 42	0.2458	(Insufficient)	0	1.0000
Worker 1A	0.1663	0.048976446	0	1.0000
Worker 1B	0.1368	0.037790309	0	1.0000
Worker 1C	0.1566	0.052167442	0	1.0000
Worker 2A	0.1085	0.036640502	0	1.0000
Worker 2B	0.1039	0.030581859	0	1.0000
Worker 2C	0.1211	0.045091893	0	1.0000
Worker 3A	0.07373489	0.027052577	0	1.0000
Worker 3B	0.05530525	0.020252889	0	1.0000
Worker 3C	0.07065857	0.029157207	0	1.0000
Worker 4A	0.04180102	(Insufficient)	0	1.0000
Worker 4B	0.03310640	(Insufficient)	0	1.0000
Worker 4C	0.04355813	(Insufficient)	0	1.0000

Unnamed Project

Replication 17

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5438	(Correlated)	0	1.0000
Machine 12	0.4938	(Correlated)	0	1.0000
Machine 21	0.3940	(Correlated)	0	1.0000
Machine 22	0.3538	(Correlated)	0	1.0000
Machine 31	0.2367	(Correlated)	0	1.0000
Machine 32	0.1958	(Insufficient)	0	1.0000
Machine 41	0.00906172	(Insufficient)	0	1.0000
Machine 42	0.2458	(Insufficient)	0	1.0000
Worker 1A	0.1663	0.048976446	0	1.0000
Worker 1B	0.1368	0.037790309	0	1.0000
Worker 1C	0.1566	0.052167442	0	1.0000
Worker 2A	0.1085	0.036640502	0	1.0000
Worker 2B	0.1039	0.030581859	0	1.0000
Worker 2C	0.1211	0.045091893	0	1.0000
Worker 3A	0.07373489	0.027052577	0	1.0000
Worker 3B	0.05530525	0.020252889	0	1.0000
Worker 3C	0.07065857	0.029157207	0	1.0000
Worker 4A	0.04180102	(Insufficient)	0	1.0000
Worker 4B	0.03310640	(Insufficient)	0	1.0000
Worker 4C	0.04355813	(Insufficient)	0	1.0000

Unnamed Project

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

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

Replication 17

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5438
Machine 12	0.4938
Machine 21	0.3940
Machine 22	0.3538
Machine 31	0.2367
Machine 32	0.1958
Machine 41	0.00906172
Machine 42	0.2458
Worker 1A	0.2772
Worker 1B	0.2281
Worker 1C	0.2610
Worker 2A	0.1808
Worker 2B	0.1731
Worker 2C	0.2018
Worker 3A	0.1229
Worker 3B	0.0922
Worker 3C	0.1178
Worker 4A	0.06966837
Worker 4B	0.05517733
Worker 4C	0.07259689

Unnamed Project

Replications: 25

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

Resource

Usage

Total Number Seized	Value
Machine 11	590.00
Machine 12	541.00
Machine 21	428.00
Machine 22	380.00
Machine 31	259.00
Machine 32	204.00
Machine 41	9.0000
Machine 42	271.00
Worker 1A	837.00
Worker 1B	655.00
Worker 1C	768.00
Worker 2A	535.00
Worker 2B	474.00
Worker 2C	605.00
Worker 3A	345.00
Worker 3B	250.00
Worker 3C	329.00
Worker 4A	206.00
Worker 4B	148.00
Worker 4C	205.00

System

Other

Number Out	Value
System	7,596

Unnamed Project

| 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	0.03038795	(Insufficient)	0	1.0000
Leave Stat	13,989.72	(Correlated)	-13,520	31,842.50
Profit Stat	13,990.03	(Correlated)	-13,520	31,842.50

Variable	Average	Half Width	Minimum	Maximum
Profit	13,990.03	(Correlated)	-13,520	31,842.50

| 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	0.07291373	(Correlated)	0	1.6327
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	0.07286958	(Correlated)	0	0.2728
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1458	(Correlated)	0	1.7165
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	3,067
Entity 1	4,707
Truck	2

Number Out	Value
Customer	3,067
Entity 1	4,707
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.2583	(Correlated)	0	27.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Category by Replication

Unnamed Project

Replications: 25

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	0.03485425	(Insufficient)	0	0.1744
Hold 12.Queue	0.1148	(Insufficient)	0	0.6392
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04495799	0.004067064	0	0.2086
Hold 9.Queue	0.04027049	0.004921704	0	0.1793
P11 Seize to Order.Queue	0.00228577	(Correlated)	0	0.06476075
P11 Seize to Pay.Queue	0.00172309	(Correlated)	0	0.06259963
P12 Seize to Order.Queue	0.00286961	0.001559518	0	0.07574233
P12 Seize to Pay.Queue	0.00311787	0.001786449	0	0.1764
P21 Seize to Order.Queue	0.00253532	0.001401608	0	0.08952579
P21 Seize to Pay.Queue	0.00214506	0.001361132	0	0.1514
P22 Seize to Order.Queue	0.00320558	0.002081969	0	0.06113425
P22 Seize to Pay.Queue	0.00214838	0.001823530	0	0.07563603
P31 Seize to Order.Queue	0.00166455	(Insufficient)	0	0.07689288
P31 Seize to Pay.Queue	0.00094077	(Insufficient)	0	0.04044698
P32 Seize to Order.Queue	0.00326197	(Insufficient)	0	0.03374764
P32 Seize to Pay.Queue	0.00265892	(Insufficient)	0	0.0966
P41 Seize to Order.Queue	0.1199	(Insufficient)	0	0.3883
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.3917	(Insufficient)	0	1.6327
P42 Seize to Pay.Queue	0.00001539	(Insufficient)	0	0.00263709
Waiting Line 1.Queue	0.02554462	0.002003851	0	0.2497
Waiting Line 2.Queue	0.02267536	0.002220501	0	0.1571
Waiting Line 3.Queue	0.01982909	0.001935114	0	0.1740
Waiting Line 4.Queue	0.00092173	(Insufficient)	0	0.1171

Other

Unnamed Project

Replications: 25

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	0.07867103	0.027938311	0	2.0000
Hold 12.Queue	0.01202370	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2149	(Correlated)	0	3.0000
Hold 9.Queue	0.1415	0.041254082	0	2.0000
P11 Seize to Order.Queue	0.01092817	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00823802	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01248963	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01357014	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00890982	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00753835	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00976939	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00654746	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00375712	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00212345	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00568515	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00463411	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.01255810	(Insufficient)	0	5.0000
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	1.1117	0.794313794	0	16.0000
P42 Seize to Pay.Queue	0.00004366	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2333	(Correlated)	0	2.0000
Waiting Line 2.Queue	0.1488	(Correlated)	0	2.0000
Waiting Line 3.Queue	0.07931638	(Insufficient)	0	2.0000
Waiting Line 4.Queue	0.00271253	(Insufficient)	0	1.0000

Resource

Unnamed Project

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.4541	(Correlated)	0	1.0000
Machine 12	0.4204	(Correlated)	0	1.0000
Machine 21	0.3355	(Correlated)	0	1.0000
Machine 22	0.3019	(Correlated)	0	1.0000
Machine 31	0.2130	(Insufficient)	0	1.0000
Machine 32	0.1733	(Insufficient)	0	1.0000
Machine 41	0.01011186	(Insufficient)	0	1.0000
Machine 42	0.2628	(Insufficient)	0	1.0000
Worker 1A	0.1507	0.055184854	0	1.0000
Worker 1B	0.1045	0.037860014	0	1.0000
Worker 1C	0.1275	0.058292788	0	1.0000
Worker 2A	0.1016	0.038495691	0	1.0000
Worker 2B	0.08240399	0.031520557	0	1.0000
Worker 2C	0.0989	0.044777080	0	1.0000
Worker 3A	0.06835857	0.026432961	0	1.0000
Worker 3B	0.04567685	0.018617489	0	1.0000
Worker 3C	0.05756587	0.029683501	0	1.0000
Worker 4A	0.05456900	(Correlated)	0	1.0000
Worker 4B	0.02833225	(Insufficient)	0	1.0000
Worker 4C	0.03977569	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.4541	(Correlated)	0	1.0000
Machine 12	0.4204	(Correlated)	0	1.0000
Machine 21	0.3355	(Correlated)	0	1.0000
Machine 22	0.3019	(Correlated)	0	1.0000
Machine 31	0.2130	(Insufficient)	0	1.0000
Machine 32	0.1733	(Insufficient)	0	1.0000
Machine 41	0.01011186	(Insufficient)	0	1.0000
Machine 42	0.2628	(Insufficient)	0	1.0000
Worker 1A	0.1507	0.055184854	0	1.0000
Worker 1B	0.1045	0.037860014	0	1.0000
Worker 1C	0.1275	0.058292788	0	1.0000
Worker 2A	0.1016	0.038495691	0	1.0000
Worker 2B	0.08240399	0.031520557	0	1.0000
Worker 2C	0.0989	0.044777080	0	1.0000
Worker 3A	0.06835857	0.026432961	0	1.0000
Worker 3B	0.04567685	0.018617489	0	1.0000
Worker 3C	0.05756587	0.029683501	0	1.0000
Worker 4A	0.05456900	(Correlated)	0	1.0000
Worker 4B	0.02833225	(Insufficient)	0	1.0000
Worker 4C	0.03977569	(Insufficient)	0	1.0000

Unnamed Project

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	0.4541
Machine 12	0.4204
Machine 21	0.3355
Machine 22	0.3019
Machine 31	0.2130
Machine 32	0.1733
Machine 41	0.01011186
Machine 42	0.2628
Worker 1A	0.2512
Worker 1B	0.1742
Worker 1C	0.2125
Worker 2A	0.1694
Worker 2B	0.1373
Worker 2C	0.1648
Worker 3A	0.1139
Worker 3B	0.07612809
Worker 3C	0.0959
Worker 4A	0.0909
Worker 4B	0.04722042
Worker 4C	0.06629281

Unnamed Project

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

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

Resource

Usage

Total Number Seized	Value
Machine 11	502.00
Machine 12	457.00
Machine 21	369.00
Machine 22	320.00
Machine 31	237.00
Machine 32	183.00
Machine 41	11.0000
Machine 42	298.00
Worker 1A	735.00
Worker 1B	521.00
Worker 1C	662.00
Worker 2A	498.00
Worker 2B	413.00
Worker 2C	467.00
Worker 3A	348.00
Worker 3B	215.00
Worker 3C	277.00
Worker 4A	275.00
Worker 4B	149.00
Worker 4C	194.00

System

Other

Number Out	Value
System	7,776

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	0.08776729	(Correlated)	0	1.0000
Leave Stat	14,272.66	(Correlated)	-13,520	31,732.50
Profit Stat	14,273.53	(Correlated)	-13,520	31,732.50

Variable	Average	Half Width	Minimum	Maximum
Profit	14,273.53	(Correlated)	-13,520	31,732.50

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	0.06704845	0.012192066	0	1.6581
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

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	0.0908	0.005901609	0	0.2814
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1579	0.015226717	0	1.7760
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,926
Entity 1	4,910
Truck	2

Number Out	Value
Customer	2,919
Entity 1	4,910
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.4048	0.697816594	0	23.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

<div 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	0.02943281	(Insufficient)	0	0.1426
Hold 12.Queue	0.3519	(Insufficient)	0	1.6371
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04704340	0.004608104	0	0.2333
Hold 9.Queue	0.04112623	0.003882642	0	0.1722
P11 Seize to Order.Queue	0.00213780	0.001220198	0	0.1038
P11 Seize to Pay.Queue	0.00180749	0.000983519	0	0.1030
P12 Seize to Order.Queue	0.00322990	0.001562820	0	0.08166987
P12 Seize to Pay.Queue	0.00237779	0.001227968	0	0.06265694
P21 Seize to Order.Queue	0.00198187	0.000991239	0	0.06644977
P21 Seize to Pay.Queue	0.00167466	0.001093700	0	0.0925
P22 Seize to Order.Queue	0.00319441	0.001529582	0	0.08557961
P22 Seize to Pay.Queue	0.00269148	0.001983834	0	0.06909278
P31 Seize to Order.Queue	0.00174386	(Insufficient)	0	0.08939921
P31 Seize to Pay.Queue	0.00091114	(Insufficient)	0	0.06160564
P32 Seize to Order.Queue	0.00352414	(Insufficient)	0	0.0983
P32 Seize to Pay.Queue	0.00326373	(Insufficient)	0	0.06002290
P41 Seize to Order.Queue	0.01738334	(Insufficient)	0	0.06902277
P41 Seize to Pay.Queue	0.00216763	(Insufficient)	0	0.00936354
P42 Seize to Order.Queue	0.2438	(Insufficient)	0	1.0891
P42 Seize to Pay.Queue	0.00019151	(Insufficient)	0	0.05285605
Waiting Line 1.Queue	0.02514541	0.001408242	0	0.1569
Waiting Line 2.Queue	0.02110317	0.002041897	0	0.1597
Waiting Line 3.Queue	0.01899161	0.001989712	0	0.1455
Waiting Line 4.Queue	0.00107731	(Insufficient)	0	0.1249

Other

Category by Replication

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	0.07848749	0.014483393	0	2.0000
Hold 12.Queue	0.02681289	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2814	0.035522922	0	3.0000
Hold 9.Queue	0.1778	(Correlated)	0	2.0000
P11 Seize to Order.Queue	0.01280644	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01081053	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01753376	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01288533	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00856922	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00724092	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01168243	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00984313	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00465029	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00242971	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00694759	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00643421	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00132444	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00016515	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.6545	0.345058421	0	12.0000
P42 Seize to Pay.Queue	0.00050339	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2872	(Correlated)	0	2.0000
Waiting Line 2.Queue	0.1684	(Correlated)	0	2.0000
Waiting Line 3.Queue	0.08808488	0.018870911	0	2.0000
Waiting Line 4.Queue	0.00295491	(Insufficient)	0	1.0000

Resource

Unnamed Project

Replications: 25

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.5732	0.047010654	0	1.0000
Machine 12	0.5281	0.050444443	0	1.0000
Machine 21	0.4096	(Correlated)	0	1.0000
Machine 22	0.3593	(Correlated)	0	1.0000
Machine 31	0.2547	(Correlated)	0	1.0000
Machine 32	0.1946	(Correlated)	0	1.0000
Machine 41	0.00673602	(Insufficient)	0	1.0000
Machine 42	0.2494	(Insufficient)	0	1.0000
Worker 1A	0.1713	0.046921307	0	1.0000
Worker 1B	0.1413	(Correlated)	0	1.0000
Worker 1C	0.1787	0.056059296	0	1.0000
Worker 2A	0.1087	0.029879390	0	1.0000
Worker 2B	0.0959	0.027763582	0	1.0000
Worker 2C	0.1408	0.047240880	0	1.0000
Worker 3A	0.06555740	0.023071769	0	1.0000
Worker 3B	0.05926366	0.017189972	0	1.0000
Worker 3C	0.07770598	0.029786601	0	1.0000
Worker 4A	0.03386277	(Insufficient)	0	1.0000
Worker 4B	0.02425942	(Insufficient)	0	1.0000
Worker 4C	0.05918947	0.031822774	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	0.5732	0.047010654	0	1.0000
Machine 12	0.5281	0.050444443	0	1.0000
Machine 21	0.4096	(Correlated)	0	1.0000
Machine 22	0.3593	(Correlated)	0	1.0000
Machine 31	0.2547	(Correlated)	0	1.0000
Machine 32	0.1946	(Correlated)	0	1.0000
Machine 41	0.00673602	(Insufficient)	0	1.0000
Machine 42	0.2494	(Insufficient)	0	1.0000
Worker 1A	0.1713	0.046921307	0	1.0000
Worker 1B	0.1413	(Correlated)	0	1.0000
Worker 1C	0.1787	0.056059296	0	1.0000
Worker 2A	0.1087	0.029879390	0	1.0000
Worker 2B	0.0959	0.027763582	0	1.0000
Worker 2C	0.1408	0.047240880	0	1.0000
Worker 3A	0.06555740	0.023071769	0	1.0000
Worker 3B	0.05926366	0.017189972	0	1.0000
Worker 3C	0.07770598	0.029786601	0	1.0000
Worker 4A	0.03386277	(Insufficient)	0	1.0000
Worker 4B	0.02425942	(Insufficient)	0	1.0000
Worker 4C	0.05918947	0.031822774	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

Category by Replication

Unnamed Project

Replication 19

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5732
Machine 12	0.5281
Machine 21	0.4096
Machine 22	0.3593
Machine 31	0.2547
Machine 32	0.1946
Machine 41	0.00673602
Machine 42	0.2494
Worker 1A	0.2855
Worker 1B	0.2354
Worker 1C	0.2978
Worker 2A	0.1812
Worker 2B	0.1599
Worker 2C	0.2347
Worker 3A	0.1093
Worker 3B	0.0988
Worker 3C	0.1295
Worker 4A	0.05643795
Worker 4B	0.04043236
Worker 4C	0.0986

Unnamed Project

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

Resource

Usage

Total Number Seized	Value
Machine 11	629.00
Machine 12	570.00
Machine 21	454.00
Machine 22	384.00
Machine 31	280.00
Machine 32	207.00
Machine 41	8.0000
Machine 42	277.00
Worker 1A	819.00
Worker 1B	707.00
Worker 1C	870.00
Worker 2A	529.00
Worker 2B	484.00
Worker 2C	663.00
Worker 3A	314.00
Worker 3B	273.00
Worker 3C	387.00
Worker 4A	172.00
Worker 4B	115.00
Worker 4C	282.00

System

Other

Number Out	Value
System	7,831

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	0.01500777	(Insufficient)	0	1.0000
Leave Stat	13,297.71	(Correlated)	-13,520	31,855.00
Profit Stat	13,297.86	(Correlated)	-13,520	31,855.00

Variable	Average	Half Width	Minimum	Maximum
Profit	13,297.86	(Correlated)	-13,520	31,855.00

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	0.06071086	0.009908023	0	1.0501
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

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	0.08889434	(Correlated)	0	0.2659
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1496	(Correlated)	0	1.1446
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,555
Entity 1	4,785
Truck	2

Number Out	Value
Customer	2,555
Entity 1	4,785
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.6404	0.706631488	0	23.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

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

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	0.02803736	(Insufficient)	0	0.1649
Hold 12.Queue	0	(Unknown)	0	0
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04447810	0.003919593	0	0.1976
Hold 9.Queue	0.03910181	0.004060083	0	0.1999
P11 Seize to Order.Queue	0.00202936	0.001133973	0	0.06544144
P11 Seize to Pay.Queue	0.00185942	0.001342662	0	0.1101
P12 Seize to Order.Queue	0.00243629	0.001334266	0	0.03904683
P12 Seize to Pay.Queue	0.00148769	0.000790404	0	0.05558640
P21 Seize to Order.Queue	0.00146202	0.001016141	0	0.08553670
P21 Seize to Pay.Queue	0.00091813	0.000703932	0	0.08789119
P22 Seize to Order.Queue	0.00238397	0.001384789	0	0.06189920
P22 Seize to Pay.Queue	0.00172554	0.001103792	0	0.05283846
P31 Seize to Order.Queue	0.00135298	(Insufficient)	0	0.07454037
P31 Seize to Pay.Queue	0.00050528	(Insufficient)	0	0.03726729
P32 Seize to Order.Queue	0.00258342	(Insufficient)	0	0.02771918
P32 Seize to Pay.Queue	0.00243590	(Insufficient)	0	0.04574470
P41 Seize to Order.Queue	0	(Unknown)	0	0
P41 Seize to Pay.Queue	0	(Unknown)	0	0
P42 Seize to Order.Queue	0.2286	(Insufficient)	0	1.0501
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02433426	0.001461969	0	0.1637
Waiting Line 2.Queue	0.01923865	0.001372335	0	0.1308
Waiting Line 3.Queue	0.01784392	0.001676178	0	0.1298
Waiting Line 4.Queue	0	(Insufficient)	0	0

Other

Unnamed Project

Replications: 25

Replication 2   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	0.06034708	(Insufficient)	0	2.0000
Hold 12.Queue	0	(Insufficient)	0	0
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2317	0.051011720	0	3.0000
Hold 9.Queue	0.1456	0.027743642	0	3.0000
P11 Seize to Order.Queue	0.01057198	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00968668	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01132297	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.00691423	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00544429	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00341894	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00756059	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00547242	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00291212	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00108754	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00423188	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00399023	(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	0.5269	0.233489558	0	12.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.2399	0.044785746	0	1.0000
Waiting Line 2.Queue	0.1327	(Correlated)	0	1.0000
Waiting Line 3.Queue	0.06763696	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0	(Insufficient)	0	0

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	0.4966	0.088415891	0	1.0000
Machine 12	0.4457	0.079810185	0	1.0000
Machine 21	0.3514	0.067192111	0	1.0000
Machine 22	0.3104	0.057480448	0	1.0000
Machine 31	0.2047	(Insufficient)	0	1.0000
Machine 32	0.1607	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.2242	(Insufficient)	0	1.0000
Worker 1A	0.1505	0.050354495	0	1.0000
Worker 1B	0.1181	0.037170140	0	1.0000
Worker 1C	0.1473	0.048894037	0	1.0000
Worker 2A	0.0996	0.032170992	0	1.0000
Worker 2B	0.08996660	0.027003797	0	1.0000
Worker 2C	0.1126	0.041095162	0	1.0000
Worker 3A	0.05571467	0.020470177	0	1.0000
Worker 3B	0.04765985	0.018027924	0	1.0000
Worker 3C	0.05958926	0.026494223	0	1.0000
Worker 4A	0.03306298	(Insufficient)	0	1.0000
Worker 4B	0.02997336	(Insufficient)	0	1.0000
Worker 4C	0.04217879	(Insufficient)	0	1.0000

Category by Replication

Unnamed Project

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.4966	0.088415891	0	1.0000
Machine 12	0.4457	0.079810185	0	1.0000
Machine 21	0.3514	0.067192111	0	1.0000
Machine 22	0.3104	0.057480448	0	1.0000
Machine 31	0.2047	(Insufficient)	0	1.0000
Machine 32	0.1607	(Insufficient)	0	1.0000
Machine 41	0	(Insufficient)	0	0
Machine 42	0.2242	(Insufficient)	0	1.0000
Worker 1A	0.1505	0.050354495	0	1.0000
Worker 1B	0.1181	0.037170140	0	1.0000
Worker 1C	0.1473	0.048894037	0	1.0000
Worker 2A	0.0996	0.032170992	0	1.0000
Worker 2B	0.08996660	0.027003797	0	1.0000
Worker 2C	0.1126	0.041095162	0	1.0000
Worker 3A	0.05571467	0.020470177	0	1.0000
Worker 3B	0.04765985	0.018027924	0	1.0000
Worker 3C	0.05958926	0.026494223	0	1.0000
Worker 4A	0.03306298	(Insufficient)	0	1.0000
Worker 4B	0.02997336	(Insufficient)	0	1.0000
Worker 4C	0.04217879	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

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

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.4966
Machine 12	0.4457
Machine 21	0.3514
Machine 22	0.3104
Machine 31	0.2047
Machine 32	0.1607
Machine 41	0
Machine 42	0.2242
Worker 1A	0.2508
Worker 1B	0.1968
Worker 1C	0.2455
Worker 2A	0.1660
Worker 2B	0.1499
Worker 2C	0.1877
Worker 3A	0.0929
Worker 3B	0.07943309
Worker 3C	0.0993
Worker 4A	0.05510497
Worker 4B	0.04995561
Worker 4C	0.07029798

Unnamed Project

Replication 2

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

Resource

Usage

Total Number Seized	Value
Machine 11	547.00
Machine 12	488.00
Machine 21	391.00
Machine 22	333.00
Machine 31	226.00
Machine 32	172.00
Machine 41	0
Machine 42	242.00
Worker 1A	755.00
Worker 1B	579.00
Worker 1C	736.00
Worker 2A	482.00
Worker 2B	415.00
Worker 2C	551.00
Worker 3A	283.00
Worker 3B	224.00
Worker 3C	289.00
Worker 4A	153.00
Worker 4B	127.00
Worker 4C	204.00

System

Other

Number Out	Value
System	7,342

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	0.02234366	(Insufficient)	0	1.0000
Leave Stat	10,154.10	(Correlated)	-13,520	28,627.50
Profit Stat	10,154.32	(Correlated)	-13,520	28,627.50

Variable	Average	Half Width	Minimum	Maximum
Profit	10,154.32	(Correlated)	-13,520	28,627.50

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	0.06597734	0.009145937	0	1.0157
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	0.0939	(Correlated)	0	0.2108
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1599	0.009258663	0	1.1611
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,444
Entity 1	5,130
Truck	2

Number Out	Value
Customer	2,444
Entity 1	5,130
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.7217	0.890063645	0	21.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Category by Replication

Unnamed Project

Replications: 25

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	0.02759526	(Insufficient)	0	0.1461
Hold 12.Queue	0.2175	(Insufficient)	0.2141	0.2208
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04663716	0.005037204	0	0.2461
Hold 9.Queue	0.03666336	0.003853246	0	0.1668
P11 Seize to Order.Queue	0.00246776	0.001263927	0	0.0986
P11 Seize to Pay.Queue	0.00153160	(Correlated)	0	0.06428482
P12 Seize to Order.Queue	0.00290244	0.001573587	0	0.07737455
P12 Seize to Pay.Queue	0.00263715	0.001563352	0	0.1029
P21 Seize to Order.Queue	0.00241348	0.001443829	0	0.0980
P21 Seize to Pay.Queue	0.00147199	0.000887786	0	0.05335838
P22 Seize to Order.Queue	0.00342418	0.001782262	0	0.06759524
P22 Seize to Pay.Queue	0.00210538	0.001030220	0	0.06987272
P31 Seize to Order.Queue	0.00188699	(Insufficient)	0	0.06958750
P31 Seize to Pay.Queue	0.00110876	(Insufficient)	0	0.08199113
P32 Seize to Order.Queue	0.00319667	(Insufficient)	0	0.08215202
P32 Seize to Pay.Queue	0.00369969	(Insufficient)	0	0.07959474
P41 Seize to Order.Queue	0.00871771	(Insufficient)	0	0.01743542
P41 Seize to Pay.Queue	0.03581374	(Insufficient)	0.01687965	0.05474782
P42 Seize to Order.Queue	0.2154	(Insufficient)	0	1.0157
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02390519	0.001986106	0	0.1792
Waiting Line 2.Queue	0.02194446	0.001797365	0	0.1400
Waiting Line 3.Queue	0.01908490	(Correlated)	0	0.1286
Waiting Line 4.Queue	0.00094679	(Insufficient)	0	0.1316

Other

Unnamed Project

Replications: 25

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	0.06333770	(Insufficient)	0	2.0000
Hold 12.Queue	0.00414209	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2452	0.059520144	0	3.0000
Hold 9.Queue	0.1344	(Correlated)	0	2.0000
P11 Seize to Order.Queue	0.01297335	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00805183	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01337886	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01215602	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00884942	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00539731	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01115303	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00685753	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00433109	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00254488	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00554090	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00641280	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00016605	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00068217	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.5231	0.268682265	0	10.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.2359	0.052480704	0	2.0000
Waiting Line 2.Queue	0.1519	0.035628219	0	2.0000
Waiting Line 3.Queue	0.07688490	(Insufficient)	0	2.0000
Waiting Line 4.Queue	0.00231737	(Insufficient)	0	1.0000

Resource

Unnamed Project

Replication 20

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.4952	0.099196204	0	1.0000
Machine 12	0.4416	0.090797509	0	1.0000
Machine 21	0.3511	0.075788952	0	1.0000
Machine 22	0.3151	0.068229907	0	1.0000
Machine 31	0.2212	0.054872772	0	1.0000
Machine 32	0.1683	(Insufficient)	0	1.0000
Machine 41	0.00222052	(Insufficient)	0	1.0000
Machine 42	0.2334	(Insufficient)	0	1.0000
Worker 1A	0.1390	0.050555040	0	1.0000
Worker 1B	0.1159	0.042010982	0	1.0000
Worker 1C	0.1609	0.056065921	0	1.0000
Worker 2A	0.0929	0.036026301	0	1.0000
Worker 2B	0.08432215	0.031494670	0	1.0000
Worker 2C	0.1204	0.041871107	0	1.0000
Worker 3A	0.05863299	0.026516853	0	1.0000
Worker 3B	0.04983273	0.021269425	0	1.0000
Worker 3C	0.06618679	0.023315103	0	1.0000
Worker 4A	0.04414848	(Insufficient)	0	1.0000
Worker 4B	0.02969452	(Insufficient)	0	1.0000
Worker 4C	0.03331727	(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	0.4952	0.099196204	0	1.0000
Machine 12	0.4416	0.090797509	0	1.0000
Machine 21	0.3511	0.075788952	0	1.0000
Machine 22	0.3151	0.068229907	0	1.0000
Machine 31	0.2212	0.054872772	0	1.0000
Machine 32	0.1683	(Insufficient)	0	1.0000
Machine 41	0.00222052	(Insufficient)	0	1.0000
Machine 42	0.2334	(Insufficient)	0	1.0000
Worker 1A	0.1390	0.050555040	0	1.0000
Worker 1B	0.1159	0.042010982	0	1.0000
Worker 1C	0.1609	0.056065921	0	1.0000
Worker 2A	0.0929	0.036026301	0	1.0000
Worker 2B	0.08432215	0.031494670	0	1.0000
Worker 2C	0.1204	0.041871107	0	1.0000
Worker 3A	0.05863299	0.026516853	0	1.0000
Worker 3B	0.04983273	0.021269425	0	1.0000
Worker 3C	0.06618679	0.023315103	0	1.0000
Worker 4A	0.04414848	(Insufficient)	0	1.0000
Worker 4B	0.02969452	(Insufficient)	0	1.0000
Worker 4C	0.03331727	(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	0.4952
Machine 12	0.4416
Machine 21	0.3511
Machine 22	0.3151
Machine 31	0.2212
Machine 32	0.1683
Machine 41	0.00222052
Machine 42	0.2334
Worker 1A	0.2316
Worker 1B	0.1931
Worker 1C	0.2682
Worker 2A	0.1549
Worker 2B	0.1405
Worker 2C	0.2006
Worker 3A	0.0977
Worker 3B	0.08305455
Worker 3C	0.1103
Worker 4A	0.07358080
Worker 4B	0.04949087
Worker 4C	0.05552878

Unnamed Project

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

Resource

Usage

Total Number Seized	Value
Machine 11	552.00
Machine 12	484.00
Machine 21	385.00
Machine 22	342.00
Machine 31	241.00
Machine 32	182.00
Machine 41	2.0000
Machine 42	255.00
Worker 1A	704.00
Worker 1B	589.00
Worker 1C	779.00
Worker 2A	457.00
Worker 2B	413.00
Worker 2C	584.00
Worker 3A	292.00
Worker 3B	233.00
Worker 3C	321.00
Worker 4A	200.00
Worker 4B	146.00
Worker 4C	168.00

System

Other

Number Out	Value
System	7,576

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	5,082.48	(Correlated)	-13,520	22,093.50
Profit Stat	5,082.48	(Correlated)	-13,520	22,093.50

Variable	Average	Half Width	Minimum	Maximum
Profit	5,082.48	(Correlated)	-13,520	22,093.50

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	0.05502362	0.011447811	0	0.9841
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

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	0.08194022	(Correlated)	0	0.2842
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1370	(Correlated)	0	1.0754
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	3,201
Entity 1	4,705
Truck	2

Number Out	Value
Customer	3,196
Entity 1	4,705
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.1733	(Correlated)	0	23.0000
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	0.03033773	(Insufficient)	0	0.1597
Hold 12.Queue	0.2604	(Insufficient)	0	0.5208
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04779287	0.005740956	0	0.2221
Hold 9.Queue	0.03870271	0.004852187	0	0.2244
P11 Seize to Order.Queue	0.00172136	0.000842096	0	0.04557640
P11 Seize to Pay.Queue	0.00159222	0.001002786	0	0.08775467
P12 Seize to Order.Queue	0.00242506	0.001336382	0	0.07632388
P12 Seize to Pay.Queue	0.00227528	0.001301438	0	0.1146
P21 Seize to Order.Queue	0.00166405	0.001054601	0	0.06755042
P21 Seize to Pay.Queue	0.00101140	0.000586538	0	0.07921558
P22 Seize to Order.Queue	0.00330927	0.002026429	0	0.07135763
P22 Seize to Pay.Queue	0.00169923	0.000758676	0	0.06322993
P31 Seize to Order.Queue	0.00114142	(Insufficient)	0	0.06631440
P31 Seize to Pay.Queue	0.00087724	(Insufficient)	0	0.05117385
P32 Seize to Order.Queue	0.00255353	(Insufficient)	0	0.03540659
P32 Seize to Pay.Queue	0.00258112	(Insufficient)	0	0.07548625
P41 Seize to Order.Queue	0	(Insufficient)	0	0
P41 Seize to Pay.Queue	0	(Insufficient)	0	0
P42 Seize to Order.Queue	0.1988	(Insufficient)	0	0.9841
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02503845	0.001134833	0	0.1603
Waiting Line 2.Queue	0.02078112	0.001544172	0	0.1261
Waiting Line 3.Queue	0.01796132	0.002128686	0	0.1573
Waiting Line 4.Queue	0.00036301	(Insufficient)	0	0.0918

Other

Unnamed Project

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

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

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Hold 11.Queue	0.08263419	0.022309700	0	2.0000
Hold 12.Queue	0.00496029	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2740	(Correlated)	0	2.0000
Hold 9.Queue	0.1677	(Correlated)	0	3.0000
P11 Seize to Order.Queue	0.00988550	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00912873	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01302604	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01222152	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00722674	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00439235	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01194490	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00611721	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00311988	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00239780	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00510706	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00513766	(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	0.5284	0.230121416	0	11.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.2783	(Correlated)	0	3.0000
Waiting Line 2.Queue	0.1653	(Correlated)	0	2.0000
Waiting Line 3.Queue	0.08501690	0.020736886	0	2.0000
Waiting Line 4.Queue	0.00097148	(Insufficient)	0	2.0000

Resource

Unnamed Project

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.5507	(Correlated)	0	1.0000
Machine 12	0.5203	(Correlated)	0	1.0000
Machine 21	0.4121	(Correlated)	0	1.0000
Machine 22	0.3438	(Correlated)	0	1.0000
Machine 31	0.2572	(Correlated)	0	1.0000
Machine 32	0.1952	(Insufficient)	0	1.0000
Machine 41	0.00204506	(Insufficient)	0	1.0000
Machine 42	0.2543	(Insufficient)	0	1.0000
Worker 1A	0.1673	0.064437160	0	1.0000
Worker 1B	0.1368	0.042669226	0	1.0000
Worker 1C	0.1731	0.055121992	0	1.0000
Worker 2A	0.1142	0.042116309	0	1.0000
Worker 2B	0.0977	0.034265069	0	1.0000
Worker 2C	0.1254	0.040187203	0	1.0000
Worker 3A	0.07320976	0.036031903	0	1.0000
Worker 3B	0.05849025	0.021852053	0	1.0000
Worker 3C	0.07027463	0.026657347	0	1.0000
Worker 4A	0.04229658	(Insufficient)	0	1.0000
Worker 4B	0.03492539	(Insufficient)	0	1.0000
Worker 4C	0.04004285	(Insufficient)	0	1.0000

Category by Replication

Unnamed Project

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5507	(Correlated)	0	1.0000
Machine 12	0.5203	(Correlated)	0	1.0000
Machine 21	0.4121	(Correlated)	0	1.0000
Machine 22	0.3438	(Correlated)	0	1.0000
Machine 31	0.2572	(Correlated)	0	1.0000
Machine 32	0.1952	(Insufficient)	0	1.0000
Machine 41	0.00204506	(Insufficient)	0	1.0000
Machine 42	0.2543	(Insufficient)	0	1.0000
Worker 1A	0.1673	0.064437160	0	1.0000
Worker 1B	0.1368	0.042669226	0	1.0000
Worker 1C	0.1731	0.055121992	0	1.0000
Worker 2A	0.1142	0.042116309	0	1.0000
Worker 2B	0.0977	0.034265069	0	1.0000
Worker 2C	0.1254	0.040187203	0	1.0000
Worker 3A	0.07320976	0.036031903	0	1.0000
Worker 3B	0.05849025	0.021852053	0	1.0000
Worker 3C	0.07027463	0.026657347	0	1.0000
Worker 4A	0.04229658	(Insufficient)	0	1.0000
Worker 4B	0.03492539	(Insufficient)	0	1.0000
Worker 4C	0.04004285	(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

Replications: 25

Replication 21

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5507
Machine 12	0.5203
Machine 21	0.4121
Machine 22	0.3438
Machine 31	0.2572
Machine 32	0.1952
Machine 41	0.00204506
Machine 42	0.2543
Worker 1A	0.2788
Worker 1B	0.2280
Worker 1C	0.2885
Worker 2A	0.1903
Worker 2B	0.1629
Worker 2C	0.2091
Worker 3A	0.1220
Worker 3B	0.0975
Worker 3C	0.1171
Worker 4A	0.07049431
Worker 4B	0.05820899
Worker 4C	0.06673808

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	603.00
Machine 12	564.00
Machine 21	456.00
Machine 22	379.00
Machine 31	287.00
Machine 32	210.00
Machine 41	2.0000
Machine 42	279.00
Worker 1A	800.00
Worker 1B	676.00
Worker 1C	857.00
Worker 2A	572.00
Worker 2B	475.00
Worker 2C	622.00
Worker 3A	353.00
Worker 3B	290.00
Worker 3C	350.00
Worker 4A	214.00
Worker 4B	163.00
Worker 4C	185.00

System

Other

Number Out	Value
System	7,903

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	0.04995515	(Insufficient)	0	1.0000
Leave Stat	15,410.83	(Correlated)	-13,520	34,185.00
Profit Stat	15,411.33	(Correlated)	-13,520	34,185.00
Variable	Average	Half Width	Minimum	Maximum
Profit	15,411.33	(Correlated)	-13,520	34,185.00

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	0.06655169	0.011900531	0	1.2268
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	0.0935	0.003275686	0	0.2541
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1601	0.013423745	0	1.3562
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,961
Entity 1	4,850
Truck	2

Number Out	Value
Customer	2,955
Entity 1	4,850
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.5539	0.608919182	0	28.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

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

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	0.03064487	(Insufficient)	0	0.1828
Hold 12.Queue	0.01430825	(Insufficient)	0	0.05098005
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04390061	0.003867997	0	0.1938
Hold 9.Queue	0.03630883	0.004577340	0	0.1963
P11 Seize to Order.Queue	0.00230298	0.001067397	0	0.08793687
P11 Seize to Pay.Queue	0.00179608	0.001134575	0	0.0937
P12 Seize to Order.Queue	0.00270633	0.001234774	0	0.1144
P12 Seize to Pay.Queue	0.00308981	0.001536442	0	0.08807708
P21 Seize to Order.Queue	0.00217498	0.001280303	0	0.1090
P21 Seize to Pay.Queue	0.00128042	0.000841162	0	0.1049
P22 Seize to Order.Queue	0.00282989	0.001586096	0	0.06065532
P22 Seize to Pay.Queue	0.00292139	0.001478860	0	0.0918
P31 Seize to Order.Queue	0.00284538	(Insufficient)	0	0.06826014
P31 Seize to Pay.Queue	0.00103219	(Insufficient)	0	0.06995649
P32 Seize to Order.Queue	0.00296640	(Insufficient)	0	0.03167547
P32 Seize to Pay.Queue	0.00397790	(Insufficient)	0	0.0903
P41 Seize to Order.Queue	0.1130	(Insufficient)	0	0.3273
P41 Seize to Pay.Queue	0.00216110	(Insufficient)	0	0.01296661
P42 Seize to Order.Queue	0.2367	(Insufficient)	0	1.3436
P42 Seize to Pay.Queue	0.00024724	(Insufficient)	0	0.05747216
Waiting Line 1.Queue	0.02571167	0.001336297	0	0.1729
Waiting Line 2.Queue	0.02126901	0.001749407	0	0.1682
Waiting Line 3.Queue	0.01878180	0.002820221	0	0.1475
Waiting Line 4.Queue	0.00103664	(Insufficient)	0	0.1910

Other

Unnamed Project

Replications: 25

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	0.07821737	0.015070420	0	2.0000
Hold 12.Queue	0.00081761	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2722	0.036298483	0	3.0000
Hold 9.Queue	0.1646	0.022195790	0	3.0000
P11 Seize to Order.Queue	0.01427846	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01113569	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01525854	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01742063	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00988061	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00581675	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01061884	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.01096217	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00726249	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00263455	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00576329	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00772848	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00645650	(Insufficient)	0	3.0000
P41 Seize to Pay.Queue	0.00012349	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.7104	0.292210390	0	18.0000
P42 Seize to Pay.Queue	0.00070639	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.3044	0.030114545	0	2.0000
Waiting Line 2.Queue	0.1764	0.023527873	0	2.0000
Waiting Line 3.Queue	0.08442865	0.018787692	0	2.0000
Waiting Line 4.Queue	0.00306054	(Insufficient)	0	2.0000

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	0.6021	0.049731738	0	1.0000
Machine 12	0.5541	0.046931205	0	1.0000
Machine 21	0.4406	0.043109878	0	1.0000
Machine 22	0.3689	0.036658784	0	1.0000
Machine 31	0.2473	0.035854402	0	1.0000
Machine 32	0.1953	(Insufficient)	0	1.0000
Machine 41	0.00655292	(Insufficient)	0	1.0000
Machine 42	0.2750	(Insufficient)	0	1.0000
Worker 1A	0.1733	0.045622952	0	1.0000
Worker 1B	0.1527	(Correlated)	0	1.0000
Worker 1C	0.1906	0.054128497	0	1.0000
Worker 2A	0.1139	0.030235326	0	1.0000
Worker 2B	0.1062	(Correlated)	0	1.0000
Worker 2C	0.1412	0.042974746	0	1.0000
Worker 3A	0.06170177	0.018403121	0	1.0000
Worker 3B	0.05781499	0.017962438	0	1.0000
Worker 3C	0.08173966	0.028523931	0	1.0000
Worker 4A	0.04591248	(Insufficient)	0	1.0000
Worker 4B	0.02995923	(Insufficient)	0	1.0000
Worker 4C	0.05416904	0.021286188	0	1.0000

Unnamed Project

Replications: 25

Replication 22

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.6021	0.049731738	0	1.0000
Machine 12	0.5541	0.046931205	0	1.0000
Machine 21	0.4406	0.043109878	0	1.0000
Machine 22	0.3689	0.036658784	0	1.0000
Machine 31	0.2473	0.035854402	0	1.0000
Machine 32	0.1953	(Insufficient)	0	1.0000
Machine 41	0.00655292	(Insufficient)	0	1.0000
Machine 42	0.2750	(Insufficient)	0	1.0000
Worker 1A	0.1733	0.045622952	0	1.0000
Worker 1B	0.1527	(Correlated)	0	1.0000
Worker 1C	0.1906	0.054128497	0	1.0000
Worker 2A	0.1139	0.030235326	0	1.0000
Worker 2B	0.1062	(Correlated)	0	1.0000
Worker 2C	0.1412	0.042974746	0	1.0000
Worker 3A	0.06170177	0.018403121	0	1.0000
Worker 3B	0.05781499	0.017962438	0	1.0000
Worker 3C	0.08173966	0.028523931	0	1.0000
Worker 4A	0.04591248	(Insufficient)	0	1.0000
Worker 4B	0.02995923	(Insufficient)	0	1.0000
Worker 4C	0.05416904	0.021286188	0	1.0000

Unnamed Project

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	0.6021
Machine 12	0.5541
Machine 21	0.4406
Machine 22	0.3689
Machine 31	0.2473
Machine 32	0.1953
Machine 41	0.00655292
Machine 42	0.2750
Worker 1A	0.2889
Worker 1B	0.2545
Worker 1C	0.3176
Worker 2A	0.1898
Worker 2B	0.1771
Worker 2C	0.2353
Worker 3A	0.1028
Worker 3B	0.0964
Worker 3C	0.1362
Worker 4A	0.07652081
Worker 4B	0.04993205
Worker 4C	0.0903

Unnamed Project

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

Resource

Usage

Total Number Seized	Value
Machine 11	651.00
Machine 12	592.00
Machine 21	477.00
Machine 22	394.00
Machine 31	268.00
Machine 32	204.00
Machine 41	6.0000
Machine 42	300.00
Worker 1A	877.00
Worker 1B	712.00
Worker 1C	897.00
Worker 2A	532.00
Worker 2B	519.00
Worker 2C	691.00
Worker 3A	310.00
Worker 3B	268.00
Worker 3C	366.00
Worker 4A	216.00
Worker 4B	143.00
Worker 4C	253.00

System

Other

Number Out	Value
System	7,807

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	0.00506841	(Insufficient)	0	1.0000
Leave Stat	13,139.51	(Correlated)	-13,520	31,820.00
Profit Stat	13,139.56	(Correlated)	-13,520	31,820.00

Variable	Average	Half Width	Minimum	Maximum
Profit	13,139.56	(Correlated)	-13,520	31,820.00

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	0.06517378	0.013971225	0	1.1948
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	0.08820227	(Correlated)	0	0.2662
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1534	0.020069546	0	1.2998
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	3,011
Entity 1	4,658
Truck	2

Number Out	Value
Customer	3,006
Entity 1	4,658
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.3966	0.799758499	0	24.0000
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	0.03388946	(Insufficient)	0	0.1282
Hold 12.Queue	0.2181	(Insufficient)	0	0.5337
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04512912	0.004510068	0	0.2551
Hold 9.Queue	0.03946624	0.002532191	0	0.1656
P11 Seize to Order.Queue	0.00279142	0.001386315	0	0.1125
P11 Seize to Pay.Queue	0.00119272	0.000811754	0	0.06262957
P12 Seize to Order.Queue	0.00256723	0.001234290	0	0.08686697
P12 Seize to Pay.Queue	0.00253651	0.001211743	0	0.06662593
P21 Seize to Order.Queue	0.00234537	0.001605677	0	0.1486
P21 Seize to Pay.Queue	0.00163243	0.000900113	0	0.07929884
P22 Seize to Order.Queue	0.00271752	0.001546782	0	0.08565004
P22 Seize to Pay.Queue	0.00304828	0.001824566	0	0.1120
P31 Seize to Order.Queue	0.00247509	(Insufficient)	0	0.1071
P31 Seize to Pay.Queue	0.00064920	(Insufficient)	0	0.03991528
P32 Seize to Order.Queue	0.00244810	(Insufficient)	0	0.03184103
P32 Seize to Pay.Queue	0.00286037	(Insufficient)	0	0.07777826
P41 Seize to Order.Queue	0.02453379	(Insufficient)	0	0.08919397
P41 Seize to Pay.Queue	0.00103157	(Insufficient)	0	0.00618942
P42 Seize to Order.Queue	0.2251	(Insufficient)	0	1.1948
P42 Seize to Pay.Queue	0.00002233	(Insufficient)	0	0.00477659
Waiting Line 1.Queue	0.02562836	0.001750390	0	0.1691
Waiting Line 2.Queue	0.02133231	0.002417512	0	0.1674
Waiting Line 3.Queue	0.02009493	0.002051264	0	0.1322
Waiting Line 4.Queue	0.00105638	0.000830312	0	0.1161

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	0.08617606	0.017610326	0	2.0000
Hold 12.Queue	0.01246392	(Insufficient)	0	2.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2652	0.049646149	0	3.0000
Hold 9.Queue	0.1665	0.029128985	0	2.0000
P11 Seize to Order.Queue	0.01642952	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00702002	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01332513	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01316568	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00989522	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00688731	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00970545	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.01085769	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00629379	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00165082	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00517599	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00604764	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00140193	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00005895	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.6839	0.358164956	0	13.0000
P42 Seize to Pay.Queue	0.00006762	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2839	0.044617773	0	2.0000
Waiting Line 2.Queue	0.1662	0.030354594	0	2.0000
Waiting Line 3.Queue	0.0936	0.022752940	0	2.0000
Waiting Line 4.Queue	0.00326975	(Insufficient)	0	1.0000

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	0.5644	0.071843050	0	1.0000
Machine 12	0.5125	0.069148684	0	1.0000
Machine 21	0.4086	0.058494707	0	1.0000
Machine 22	0.3539	0.051775339	0	1.0000
Machine 31	0.2379	0.043125223	0	1.0000
Machine 32	0.2037	(Insufficient)	0	1.0000
Machine 41	0.00548295	(Insufficient)	0	1.0000
Machine 42	0.2868	(Insufficient)	0	1.0000
Worker 1A	0.1675	0.054492378	0	1.0000
Worker 1B	0.1444	0.035885152	0	1.0000
Worker 1C	0.1734	0.058662681	0	1.0000
Worker 2A	0.1198	0.042805783	0	1.0000
Worker 2B	0.0955	0.027149088	0	1.0000
Worker 2C	0.1261	0.043981234	0	1.0000
Worker 3A	0.07318466	0.024964062	0	1.0000
Worker 3B	0.05147404	0.017678955	0	1.0000
Worker 3C	0.06904551	0.028440214	0	1.0000
Worker 4A	0.05153760	0.020950803	0	1.0000
Worker 4B	0.02801314	(Insufficient)	0	1.0000
Worker 4C	0.05193072	0.026583510	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	0.5644	0.071843050	0	1.0000
Machine 12	0.5125	0.069148684	0	1.0000
Machine 21	0.4086	0.058494707	0	1.0000
Machine 22	0.3539	0.051775339	0	1.0000
Machine 31	0.2379	0.043125223	0	1.0000
Machine 32	0.2037	(Insufficient)	0	1.0000
Machine 41	0.00548295	(Insufficient)	0	1.0000
Machine 42	0.2868	(Insufficient)	0	1.0000
Worker 1A	0.1675	0.054492378	0	1.0000
Worker 1B	0.1444	0.035885152	0	1.0000
Worker 1C	0.1734	0.058662681	0	1.0000
Worker 2A	0.1198	0.042805783	0	1.0000
Worker 2B	0.0955	0.027149088	0	1.0000
Worker 2C	0.1261	0.043981234	0	1.0000
Worker 3A	0.07318466	0.024964062	0	1.0000
Worker 3B	0.05147404	0.017678955	0	1.0000
Worker 3C	0.06904551	0.028440214	0	1.0000
Worker 4A	0.05153760	0.020950803	0	1.0000
Worker 4B	0.02801314	(Insufficient)	0	1.0000
Worker 4C	0.05193072	0.026583510	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

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5644
Machine 12	0.5125
Machine 21	0.4086
Machine 22	0.3539
Machine 31	0.2379
Machine 32	0.2037
Machine 41	0.00548295
Machine 42	0.2868
Worker 1A	0.2791
Worker 1B	0.2407
Worker 1C	0.2890
Worker 2A	0.1996
Worker 2B	0.1592
Worker 2C	0.2102
Worker 3A	0.1220
Worker 3B	0.08579007
Worker 3C	0.1151
Worker 4A	0.08589600
Worker 4B	0.04668857
Worker 4C	0.08655120

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	618.00
Machine 12	545.00
Machine 21	443.00
Machine 22	375.00
Machine 31	267.00
Machine 32	222.00
Machine 41	6.0000
Machine 42	319.00
Worker 1A	846.00
Worker 1B	682.00
Worker 1C	798.00
Worker 2A	573.00
Worker 2B	462.00
Worker 2C	600.00
Worker 3A	365.00
Worker 3B	269.00
Worker 3C	344.00
Worker 4A	268.00
Worker 4B	134.00
Worker 4C	247.00

System

Other

Number Out	Value
System	7,666

Unnamed Project

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	0.02962949	(Insufficient)	0	1.0000
Leave Stat	12,318.36	(Correlated)	-13,520	31,905.00
Profit Stat	12,318.66	(Correlated)	-13,520	31,905.00

Variable	Average	Half Width	Minimum	Maximum
Profit	12,318.66	(Correlated)	-13,520	31,905.00

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	0.06482451	0.011502742	0	1.0452
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project　　　　　　　　　　　　　　　　　Replications: 25

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	0.0921	0.004061386	0	0.2433
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1570	0.013266932	0	1.1927
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,759
Entity 1	4,885
Truck	2

Number Out	Value
Customer	2,750
Entity 1	4,885
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.1162	0.676090495	0	23.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

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	0.03153471	(Insufficient)	0	0.1881
Hold 12.Queue	0.4378	(Insufficient)	0	1.0449
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04081968	0.003270362	0	0.1835
Hold 9.Queue	0.03887658	0.004240190	0	0.1784
P11 Seize to Order.Queue	0.00228723	0.001218834	0	0.08409578
P11 Seize to Pay.Queue	0.00126957	0.000844523	0	0.1162
P12 Seize to Order.Queue	0.00244874	0.001288975	0	0.05610866
P12 Seize to Pay.Queue	0.00267916	0.001474227	0	0.0960
P21 Seize to Order.Queue	0.00215744	0.001229094	0	0.08700121
P21 Seize to Pay.Queue	0.00187862	0.001390040	0	0.0919
P22 Seize to Order.Queue	0.00344969	0.002066700	0	0.06741477
P22 Seize to Pay.Queue	0.00253492	0.001737488	0	0.1002
P31 Seize to Order.Queue	0.00255136	(Insufficient)	0	0.05927689
P31 Seize to Pay.Queue	0.00116478	(Insufficient)	0	0.05380512
P32 Seize to Order.Queue	0.00456855	(Insufficient)	0	0.07594141
P32 Seize to Pay.Queue	0.00397807	(Insufficient)	0	0.1069
P41 Seize to Order.Queue	0.01891862	(Insufficient)	0	0.08347002
P41 Seize to Pay.Queue	0.00383581	(Insufficient)	0	0.02685066
P42 Seize to Order.Queue	0.1988	(Insufficient)	0	0.9852
P42 Seize to Pay.Queue	0.00016947	(Insufficient)	0	0.03449146
Waiting Line 1.Queue	0.02504528	0.001911269	0	0.1800
Waiting Line 2.Queue	0.02226608	0.002603993	0	0.1764
Waiting Line 3.Queue	0.01966972	0.003097230	0	0.1962
Waiting Line 4.Queue	0.00238061	(Insufficient)	0	0.1546

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	0.07928726	0.017830065	0	2.0000
Hold 12.Queue	0.02918842	(Insufficient)	0	2.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2309	0.034208368	0	2.0000
Hold 9.Queue	0.1570	0.032103951	0	2.0000
P11 Seize to Order.Queue	0.01296096	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00718216	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01245358	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01359992	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00873251	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00760395	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01248460	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00914987	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00643914	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00293967	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00883253	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00765305	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00126124	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00025572	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.5565	0.240162223	0	12.0000
P42 Seize to Pay.Queue	0.00047452	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2695	0.042829509	0	3.0000
Waiting Line 2.Queue	0.1715	0.033037531	0	3.0000
Waiting Line 3.Queue	0.08775319	0.025911654	0	3.0000
Waiting Line 4.Queue	0.00682441	(Insufficient)	0	2.0000

Resource

Unnamed Project

Replications: 25

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.5440	0.069390872	0	1.0000
Machine 12	0.4847	0.063009576	0	1.0000
Machine 21	0.3947	0.056443722	0	1.0000
Machine 22	0.3500	0.053310268	0	1.0000
Machine 31	0.2352	0.039143330	0	1.0000
Machine 32	0.1872	0.032727081	0	1.0000
Machine 41	0.00667070	(Insufficient)	0	1.0000
Machine 42	0.2621	(Insufficient)	0	1.0000
Worker 1A	0.1478	0.041488033	0	1.0000
Worker 1B	0.1341	0.037780431	0	1.0000
Worker 1C	0.1719	0.054362967	0	1.0000
Worker 2A	0.1022	0.032724006	0	1.0000
Worker 2B	0.0964	0.028942633	0	1.0000
Worker 2C	0.1304	0.044582100	0	1.0000
Worker 3A	0.06239561	0.020776494	0	1.0000
Worker 3B	0.04776267	(Correlated)	0	1.0000
Worker 3C	0.07388346	0.027526366	0	1.0000
Worker 4A	0.04246155	(Insufficient)	0	1.0000
Worker 4B	0.02672442	(Insufficient)	0	1.0000
Worker 4C	0.05098788	0.019738692	0	1.0000

Unnamed Project

Replication 24

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5440	0.069390872	0	1.0000
Machine 12	0.4847	0.063009576	0	1.0000
Machine 21	0.3947	0.056443722	0	1.0000
Machine 22	0.3500	0.053310268	0	1.0000
Machine 31	0.2352	0.039143330	0	1.0000
Machine 32	0.1872	0.032727081	0	1.0000
Machine 41	0.00667070	(Insufficient)	0	1.0000
Machine 42	0.2621	(Insufficient)	0	1.0000
Worker 1A	0.1478	0.041488033	0	1.0000
Worker 1B	0.1341	0.037780431	0	1.0000
Worker 1C	0.1719	0.054362967	0	1.0000
Worker 2A	0.1022	0.032724006	0	1.0000
Worker 2B	0.0964	0.028942633	0	1.0000
Worker 2C	0.1304	0.044582100	0	1.0000
Worker 3A	0.06239561	0.020776494	0	1.0000
Worker 3B	0.04776267	(Correlated)	0	1.0000
Worker 3C	0.07388346	0.027526366	0	1.0000
Worker 4A	0.04246155	(Insufficient)	0	1.0000
Worker 4B	0.02672442	(Insufficient)	0	1.0000
Worker 4C	0.05098788	0.019738692	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	0.5440
Machine 12	0.4847
Machine 21	0.3947
Machine 22	0.3500
Machine 31	0.2352
Machine 32	0.1872
Machine 41	0.00667070
Machine 42	0.2621
Worker 1A	0.2464
Worker 1B	0.2235
Worker 1C	0.2866
Worker 2A	0.1704
Worker 2B	0.1606
Worker 2C	0.2174
Worker 3A	0.1040
Worker 3B	0.07960445
Worker 3C	0.1231
Worker 4A	0.07076924
Worker 4B	0.04454070
Worker 4C	0.08497980

Unnamed Project

Replication 24

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

Resource

Usage

Total Number Seized	Value
Machine 11	595.00
Machine 12	534.00
Machine 21	425.00
Machine 22	380.00
Machine 31	265.00
Machine 32	203.00
Machine 41	7.0000
Machine 42	294.00
Worker 1A	713.00
Worker 1B	662.00
Worker 1C	881.00
Worker 2A	496.00
Worker 2B	459.00
Worker 2C	654.00
Worker 3A	318.00
Worker 3B	261.00
Worker 3C	356.00
Worker 4A	223.00
Worker 4B	128.00
Worker 4C	251.00

System

Other

Number Out	Value
System	7,637

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	0.00890253	(Insufficient)	0	1.0000
Leave Stat	11,673.12	(Correlated)	-13,520	31,660.00
Profit Stat	11,673.21	(Correlated)	-13,520	31,660.00

Variable	Average	Half Width	Minimum	Maximum
Profit	11,673.21	(Correlated)	-13,520	31,660.00

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	0.05943609	(Correlated)	0	0.7759
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	0.08500458	(Correlated)	0	0.2472
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1444	(Correlated)	0	0.8686
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	3,184
Entity 1	4,754
Truck	2

Number Out	Value
Customer	3,183
Entity 1	4,754
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.3787	(Correlated)	0	21.0000
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	0.03415521	(Insufficient)	0	0.1548
Hold 12.Queue	0.1749	(Insufficient)	0	0.7514
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04636643	0.003873004	0	0.1805
Hold 9.Queue	0.03994889	0.004064640	0	0.1930
P11 Seize to Order.Queue	0.00297490	0.001484758	0	0.1003
P11 Seize to Pay.Queue	0.00153151	0.000776022	0	0.0924
P12 Seize to Order.Queue	0.00347061	0.001667381	0	0.1175
P12 Seize to Pay.Queue	0.00274385	0.001563071	0	0.1367
P21 Seize to Order.Queue	0.00291526	0.001839892	0	0.0965
P21 Seize to Pay.Queue	0.00107505	0.000678801	0	0.07434137
P22 Seize to Order.Queue	0.00328356	0.001763972	0	0.06455131
P22 Seize to Pay.Queue	0.00320670	0.002565442	0	0.1421
P31 Seize to Order.Queue	0.00217988	(Insufficient)	0	0.07854036
P31 Seize to Pay.Queue	0.00144060	(Insufficient)	0	0.07996971
P32 Seize to Order.Queue	0.00334336	(Insufficient)	0	0.04410290
P32 Seize to Pay.Queue	0.00250096	(Insufficient)	0	0.05859055
P41 Seize to Order.Queue	0.06133809	(Insufficient)	0	0.2302
P41 Seize to Pay.Queue	0.00188818	(Insufficient)	0	0.01153895
P42 Seize to Order.Queue	0.1757	0.044171241	0	0.7753
P42 Seize to Pay.Queue	0.00022423	0.000371599	0	0.05402966
Waiting Line 1.Queue	0.02679414	0.001320845	0	0.1523
Waiting Line 2.Queue	0.02241596	0.002291934	0	0.2187
Waiting Line 3.Queue	0.01936067	0.002118718	0	0.1408
Waiting Line 4.Queue	0.00127952	0.001553607	0	0.1833

Other

Category by Replication

Unnamed Project

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	0.0976	0.022838485	0	2.0000
Hold 12.Queue	0.01166320	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2619	(Correlated)	0	2.0000
Hold 9.Queue	0.1746	0.037128510	0	3.0000
P11 Seize to Order.Queue	0.01682943	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00864936	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01814633	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01434639	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.01274385	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00469952	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01150809	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.01123873	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00622823	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00411601	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00764198	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00571647	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00408921	(Insufficient)	0	2.0000
P41 Seize to Pay.Queue	0.00012588	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.5573	0.250823909	0	8.0000
P42 Seize to Pay.Queue	0.00071114	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2917	(Correlated)	0	2.0000
Waiting Line 2.Queue	0.1766	(Correlated)	0	2.0000
Waiting Line 3.Queue	0.0996	0.023069370	0	2.0000
Waiting Line 4.Queue	0.00414321	(Insufficient)	0	1.0000

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	0.5464	(Correlated)	0	1.0000
Machine 12	0.5073	(Correlated)	0	1.0000
Machine 21	0.4202	(Correlated)	0	1.0000
Machine 22	0.3490	(Correlated)	0	1.0000
Machine 31	0.2751	(Correlated)	0	1.0000
Machine 32	0.2229	0.045116373	0	1.0000
Machine 41	0.00718101	(Insufficient)	0	1.0000
Machine 42	0.2985	(Insufficient)	0	1.0000
Worker 1A	0.1892	0.057910018	0	1.0000
Worker 1B	0.1253	0.041591803	0	1.0000
Worker 1C	0.1598	0.057065703	0	1.0000
Worker 2A	0.1308	0.043530475	0	1.0000
Worker 2B	0.1012	0.033351799	0	1.0000
Worker 2C	0.1140	0.043496849	0	1.0000
Worker 3A	0.08785184	0.035936055	0	1.0000
Worker 3B	0.05376363	0.019113855	0	1.0000
Worker 3C	0.08098148	0.035439676	0	1.0000
Worker 4A	0.05442635	0.024086130	0	1.0000
Worker 4B	0.03398337	(Insufficient)	0	1.0000
Worker 4C	0.04929397	0.023357672	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	0.5464	(Correlated)	0	1.0000
Machine 12	0.5073	(Correlated)	0	1.0000
Machine 21	0.4202	(Correlated)	0	1.0000
Machine 22	0.3490	(Correlated)	0	1.0000
Machine 31	0.2751	(Correlated)	0	1.0000
Machine 32	0.2229	0.045116373	0	1.0000
Machine 41	0.00718101	(Insufficient)	0	1.0000
Machine 42	0.2985	(Insufficient)	0	1.0000
Worker 1A	0.1892	0.057910018	0	1.0000
Worker 1B	0.1253	0.041591803	0	1.0000
Worker 1C	0.1598	0.057065703	0	1.0000
Worker 2A	0.1308	0.043530475	0	1.0000
Worker 2B	0.1012	0.033351799	0	1.0000
Worker 2C	0.1140	0.043496849	0	1.0000
Worker 3A	0.08785184	0.035936055	0	1.0000
Worker 3B	0.05376363	0.019113855	0	1.0000
Worker 3C	0.08098148	0.035439676	0	1.0000
Worker 4A	0.05442635	0.024086130	0	1.0000
Worker 4B	0.03398337	(Insufficient)	0	1.0000
Worker 4C	0.04929397	0.023357672	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

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5464
Machine 12	0.5073
Machine 21	0.4202
Machine 22	0.3490
Machine 31	0.2751
Machine 32	0.2229
Machine 41	0.00718101
Machine 42	0.2985
Worker 1A	0.3153
Worker 1B	0.2088
Worker 1C	0.2664
Worker 2A	0.2180
Worker 2B	0.1686
Worker 2C	0.1901
Worker 3A	0.1464
Worker 3B	0.08960605
Worker 3C	0.1350
Worker 4A	0.0907
Worker 4B	0.05663896
Worker 4C	0.08215661

Unnamed Project

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

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

Resource

Usage

Total Number Seized	Value
Machine 11	594.00
Machine 12	549.00
Machine 21	459.00
Machine 22	368.00
Machine 31	300.00
Machine 32	240.00
Machine 41	7.0000
Machine 42	333.00
Worker 1A	905.00
Worker 1B	607.00
Worker 1C	773.00
Worker 2A	620.00
Worker 2B	480.00
Worker 2C	554.00
Worker 3A	436.00
Worker 3B	260.00
Worker 3C	384.00
Worker 4A	267.00
Worker 4B	169.00
Worker 4C	244.00

System

Other

Number Out	Value
System	7,939

Unnamed Project

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	0.02965468	(Insufficient)	0	1.0000
Leave Stat	15,853.00	(Correlated)	-13,520	32,477.50
Profit Stat	15,853.29	(Correlated)	-13,520	32,477.50

Variable	Average	Half Width	Minimum	Maximum
Profit	15,853.29	(Correlated)	-13,520	32,477.50

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	0.05219537	0.009771984	0	0.8287
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

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	0.08332862	(Correlated)	0	0.2822
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1355	(Correlated)	0	0.9186
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	3,174
Entity 1	4,452
Truck	2

Number Out	Value
Customer	3,170
Entity 1	4,452
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.0952	0.780575295	0	20.0000
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	0.03352353	(Insufficient)	0	0.1745
Hold 12.Queue	0.1969	(Insufficient)	0	0.4099
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04333763	0.003339872	0	0.2026
Hold 9.Queue	0.03715026	0.003174642	0	0.1921
P11 Seize to Order.Queue	0.00310153	0.001446609	0	0.1096
P11 Seize to Pay.Queue	0.00141807	0.000695279	0	0.06258023
P12 Seize to Order.Queue	0.00336041	0.001413824	0	0.08888323
P12 Seize to Pay.Queue	0.00345304	0.001858154	0	0.1138
P21 Seize to Order.Queue	0.00254270	0.001304860	0	0.06291117
P21 Seize to Pay.Queue	0.00089449	0.000507830	0	0.06546550
P22 Seize to Order.Queue	0.00359060	0.002036884	0	0.0920
P22 Seize to Pay.Queue	0.00310399	0.001271434	0	0.0945
P31 Seize to Order.Queue	0.00155320	(Insufficient)	0	0.04590615
P31 Seize to Pay.Queue	0.00172101	(Insufficient)	0	0.06324619
P32 Seize to Order.Queue	0.00415950	(Insufficient)	0	0.04850832
P32 Seize to Pay.Queue	0.00304435	(Insufficient)	0	0.0973
P41 Seize to Order.Queue	0.01453067	(Insufficient)	0	0.08718402
P41 Seize to Pay.Queue	0.01271981	(Insufficient)	0	0.06536449
P42 Seize to Order.Queue	0.1578	(Insufficient)	0	0.8287
P42 Seize to Pay.Queue	0.00003999	(Insufficient)	0	0.00995670
Waiting Line 1.Queue	0.02602336	0.001471341	0	0.1708
Waiting Line 2.Queue	0.02157714	0.002162433	0	0.1707
Waiting Line 3.Queue	0.01898007	0.002321228	0	0.1754
Waiting Line 4.Queue	0.00090326	(Insufficient)	0	0.08468384

Other

Unnamed Project

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	0.08971534	(Correlated)	0	2.0000
Hold 12.Queue	0.01124986	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2526	(Correlated)	0	3.0000
Hold 9.Queue	0.1624	0.037545897	0	2.0000
P11 Seize to Order.Queue	0.01810702	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00827886	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01840226	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01887664	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.01113945	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00391022	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01302876	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.01126306	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00417145	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00460574	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00855669	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00626266	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00083032	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00072685	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.3743	0.161507371	0	8.0000
P42 Seize to Pay.Queue	0.00009483	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2944	(Correlated)	0	2.0000
Waiting Line 2.Queue	0.1728	0.039637299	0	2.0000
Waiting Line 3.Queue	0.0900	0.025444538	0	2.0000
Waiting Line 4.Queue	0.00219364	(Insufficient)	0	1.0000

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	0.5757	(Correlated)	0	1.0000
Machine 12	0.5288	(Correlated)	0	1.0000
Machine 21	0.4172	(Correlated)	0	1.0000
Machine 22	0.3552	(Correlated)	0	1.0000
Machine 31	0.2569	(Correlated)	0	1.0000
Machine 32	0.2009	(Correlated)	0	1.0000
Machine 41	0.00574157	(Insufficient)	0	1.0000
Machine 42	0.2308	(Insufficient)	0	1.0000
Worker 1A	0.1641	0.052304942	0	1.0000
Worker 1B	0.1359	0.039246229	0	1.0000
Worker 1C	0.1941	0.062160122	0	1.0000
Worker 2A	0.1021	0.034696001	0	1.0000
Worker 2B	0.0940	0.031329712	0	1.0000
Worker 2C	0.1463	0.049404238	0	1.0000
Worker 3A	0.06820127	(Correlated)	0	1.0000
Worker 3B	0.05114669	0.018713015	0	1.0000
Worker 3C	0.08404997	0.035833208	0	1.0000
Worker 4A	0.04126599	(Insufficient)	0	1.0000
Worker 4B	0.02467407	(Insufficient)	0	1.0000
Worker 4C	0.04346630	(Insufficient)	0	1.0000

Unnamed Project

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5757	(Correlated)	0	1.0000
Machine 12	0.5288	(Correlated)	0	1.0000
Machine 21	0.4172	(Correlated)	0	1.0000
Machine 22	0.3552	(Correlated)	0	1.0000
Machine 31	0.2569	(Correlated)	0	1.0000
Machine 32	0.2009	(Correlated)	0	1.0000
Machine 41	0.00574157	(Insufficient)	0	1.0000
Machine 42	0.2308	(Insufficient)	0	1.0000
Worker 1A	0.1641	0.052304942	0	1.0000
Worker 1B	0.1359	0.039246229	0	1.0000
Worker 1C	0.1941	0.062160122	0	1.0000
Worker 2A	0.1021	0.034696001	0	1.0000
Worker 2B	0.0940	0.031329712	0	1.0000
Worker 2C	0.1463	0.049404238	0	1.0000
Worker 3A	0.06820127	(Correlated)	0	1.0000
Worker 3B	0.05114669	0.018713015	0	1.0000
Worker 3C	0.08404997	0.035833208	0	1.0000
Worker 4A	0.04126599	(Insufficient)	0	1.0000
Worker 4B	0.02467407	(Insufficient)	0	1.0000
Worker 4C	0.04346630	(Insufficient)	0	1.0000

Unnamed Project

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

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

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5757
Machine 12	0.5288
Machine 21	0.4172
Machine 22	0.3552
Machine 31	0.2569
Machine 32	0.2009
Machine 41	0.00574157
Machine 42	0.2308
Worker 1A	0.2734
Worker 1B	0.2265
Worker 1C	0.3235
Worker 2A	0.1702
Worker 2B	0.1566
Worker 2C	0.2438
Worker 3A	0.1137
Worker 3B	0.08524449
Worker 3C	0.1401
Worker 4A	0.06877665
Worker 4B	0.04112345
Worker 4C	0.07244384

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	613.00
Machine 12	575.00
Machine 21	460.00
Machine 22	381.00
Machine 31	282.00
Machine 32	216.00
Machine 41	6.0000
Machine 42	249.00
Worker 1A	804.00
Worker 1B	646.00
Worker 1C	925.00
Worker 2A	528.00
Worker 2B	444.00
Worker 2C	709.00
Worker 3A	327.00
Worker 3B	250.00
Worker 3C	418.00
Worker 4A	179.00
Worker 4B	105.00
Worker 4C	226.00

System

Other

Number Out	Value
System	7,624

4:55:04PM

May 3, 2021

Unnamed Project

Replications: 25

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	0.05637535	(Insufficient)	0	1.0000
Leave Stat	15,736.91	(Correlated)	-13,520	33,037.50
Profit Stat	15,737.48	(Correlated)	-13,520	33,037.50

Variable	Average	Half Width	Minimum	Maximum
Profit	15,737.48	(Correlated)	-13,520	33,037.50

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	0.05608664	(Correlated)	0	0.9409
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	0.07856566	(Correlated)	0	0.2396
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1347	(Correlated)	0	1.0581
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,865
Entity 1	4,590
Truck	2

Number Out	Value
Customer	2,860
Entity 1	4,590
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.6740	0.975838873	0	22.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

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	0.03126363	(Insufficient)	0	0.1869
Hold 12.Queue	0.1465	(Insufficient)	0	0.2931
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04921257	0.005513173	0	0.2154
Hold 9.Queue	0.03588303	0.003735396	0	0.1518
P11 Seize to Order.Queue	0.00318469	0.001779030	0	0.1315
P11 Seize to Pay.Queue	0.00119139	(Correlated)	0	0.06473284
P12 Seize to Order.Queue	0.00316099	0.001738948	0	0.1042
P12 Seize to Pay.Queue	0.00233871	0.001621022	0	0.08801861
P21 Seize to Order.Queue	0.00331927	0.001778422	0	0.07700160
P21 Seize to Pay.Queue	0.00070122	0.000513669	0	0.03160177
P22 Seize to Order.Queue	0.00314637	0.001852512	0	0.0919
P22 Seize to Pay.Queue	0.00344480	0.002023165	0	0.0913
P31 Seize to Order.Queue	0.00156806	(Insufficient)	0	0.07937751
P31 Seize to Pay.Queue	0.00200049	(Insufficient)	0	0.1599
P32 Seize to Order.Queue	0.00340285	(Insufficient)	0	0.06297645
P32 Seize to Pay.Queue	0.00297415	(Insufficient)	0	0.07376875
P41 Seize to Order.Queue	0.00876581	(Insufficient)	0	0.01753161
P41 Seize to Pay.Queue	0.00375378	(Insufficient)	0.00082649	0.00668106
P42 Seize to Order.Queue	0.2264	(Insufficient)	0	0.9409
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02474378	0.001622325	0	0.1674
Waiting Line 2.Queue	0.02275071	0.002109659	0	0.1597
Waiting Line 3.Queue	0.01834393	0.002237182	0	0.2383
Waiting Line 4.Queue	0.00033383	(Insufficient)	0	0.08078711

Other

Category by Replication

Unnamed Project

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	0.07056648	0.024775163	0	2.0000
Hold 12.Queue	0.00279106	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2409	0.062249451	0	2.0000
Hold 9.Queue	0.1312	0.033542686	0	2.0000
P11 Seize to Order.Queue	0.01562016	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00584350	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01417930	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01049079	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.01217065	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00256446	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01000847	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.01092493	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00353933	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00451540	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00628717	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00549509	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00016697	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00007150	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.5175	0.311387190	0	10.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.2339	(Correlated)	0	2.0000
Waiting Line 2.Queue	0.1558	0.041989787	0	2.0000
Waiting Line 3.Queue	0.07529745	(Insufficient)	0	2.0000
Waiting Line 4.Queue	0.00076940	(Insufficient)	0	1.0000

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	0.4697	(Correlated)	0	1.0000
Machine 12	0.4388	(Correlated)	0	1.0000
Machine 21	0.3563	(Correlated)	0	1.0000
Machine 22	0.3083	0.073414896	0	1.0000
Machine 31	0.2173	(Insufficient)	0	1.0000
Machine 32	0.1773	(Insufficient)	0	1.0000
Machine 41	0.00146195	(Insufficient)	0	1.0000
Machine 42	0.2141	(Insufficient)	0	1.0000
Worker 1A	0.1491	0.055290690	0	1.0000
Worker 1B	0.1072	0.036218591	0	1.0000
Worker 1C	0.1484	0.053307441	0	1.0000
Worker 2A	0.1047	0.040792107	0	1.0000
Worker 2B	0.07363131	0.025972934	0	1.0000
Worker 2C	0.1196	0.043042096	0	1.0000
Worker 3A	0.07118085	0.031851778	0	1.0000
Worker 3B	0.04197087	0.015882601	0	1.0000
Worker 3C	0.05928748	0.026646752	0	1.0000
Worker 4A	0.04763045	(Insufficient)	0	1.0000
Worker 4B	0.02197215	(Insufficient)	0	1.0000
Worker 4C	0.02883929	(Insufficient)	0	1.0000

Unnamed Project

Replications: 25

Replication 4

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.4697	(Correlated)	0	1.0000
Machine 12	0.4388	(Correlated)	0	1.0000
Machine 21	0.3563	(Correlated)	0	1.0000
Machine 22	0.3083	0.073414896	0	1.0000
Machine 31	0.2173	(Insufficient)	0	1.0000
Machine 32	0.1773	(Insufficient)	0	1.0000
Machine 41	0.00146195	(Insufficient)	0	1.0000
Machine 42	0.2141	(Insufficient)	0	1.0000
Worker 1A	0.1491	0.055290690	0	1.0000
Worker 1B	0.1072	0.036218591	0	1.0000
Worker 1C	0.1484	0.053307441	0	1.0000
Worker 2A	0.1047	0.040792107	0	1.0000
Worker 2B	0.07363131	0.025972934	0	1.0000
Worker 2C	0.1196	0.043042096	0	1.0000
Worker 3A	0.07118085	0.031851778	0	1.0000
Worker 3B	0.04197087	0.015882601	0	1.0000
Worker 3C	0.05928748	0.026646752	0	1.0000
Worker 4A	0.04763045	(Insufficient)	0	1.0000
Worker 4B	0.02197215	(Insufficient)	0	1.0000
Worker 4C	0.02883929	(Insufficient)	0	1.0000

Unnamed Project

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	0.4697
Machine 12	0.4388
Machine 21	0.3563
Machine 22	0.3083
Machine 31	0.2173
Machine 32	0.1773
Machine 41	0.00146195
Machine 42	0.2141
Worker 1A	0.2485
Worker 1B	0.1787
Worker 1C	0.2474
Worker 2A	0.1745
Worker 2B	0.1227
Worker 2C	0.1993
Worker 3A	0.1186
Worker 3B	0.06995145
Worker 3C	0.0988
Worker 4A	0.07938408
Worker 4B	0.03662024
Worker 4C	0.04806548

Unnamed Project

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

Resource

Usage

Total Number Seized	Value
Machine 11	515.00
Machine 12	471.00
Machine 21	385.00
Machine 22	334.00
Machine 31	237.00
Machine 32	194.00
Machine 41	2.0000
Machine 42	240.00
Worker 1A	731.00
Worker 1B	514.00
Worker 1C	727.00
Worker 2A	518.00
Worker 2B	352.00
Worker 2C	566.00
Worker 3A	350.00
Worker 3B	201.00
Worker 3C	311.00
Worker 4A	226.00
Worker 4B	114.00
Worker 4C	144.00

System

Other

Number Out	Value
System	7,452

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	0.05189492	(Correlated)	0	1.0000
Leave Stat	13,219.92	(Correlated)	-13,520	31,637.50
Profit Stat	13,220.44	(Correlated)	-13,520	31,637.50

Variable	Average	Half Width	Minimum	Maximum
Profit	13,220.44	(Correlated)	-13,520	31,637.50

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	0.07369825	0.016098292	0	1.9063
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Category by Replication

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	0.08910170	0.009151723	0	0.2551
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1628	0.021250391	0	2.0017
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,827
Entity 1	5,056
Truck	2

Number Out	Value
Customer	2,818
Entity 1	5,056
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.3748	1.11947	0	26.0000
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	0.03110563	(Insufficient)	0	0.1911
Hold 12.Queue	0.3945	(Insufficient)	0	1.7995
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04573151	0.005186317	0	0.2014
Hold 9.Queue	0.03660766	0.003379229	0	0.1579
P11 Seize to Order.Queue	0.00256747	0.001352655	0	0.1279
P11 Seize to Pay.Queue	0.00220115	0.001292538	0	0.1002
P12 Seize to Order.Queue	0.00346613	0.002024313	0	0.1359
P12 Seize to Pay.Queue	0.00208994	0.001350553	0	0.1220
P21 Seize to Order.Queue	0.00229892	0.001225565	0	0.1200
P21 Seize to Pay.Queue	0.00114119	0.000660438	0	0.08564686
P22 Seize to Order.Queue	0.00399493	0.002087766	0	0.0936
P22 Seize to Pay.Queue	0.00338166	0.001890036	0	0.1605
P31 Seize to Order.Queue	0.00266503	(Insufficient)	0	0.08097307
P31 Seize to Pay.Queue	0.00057487	(Insufficient)	0	0.03748458
P32 Seize to Order.Queue	0.00341610	(Insufficient)	0	0.07651238
P32 Seize to Pay.Queue	0.00275998	(Insufficient)	0	0.06398682
P41 Seize to Order.Queue	0.02516385	(Insufficient)	0	0.1254
P41 Seize to Pay.Queue	0.00374886	(Insufficient)	0	0.02868968
P42 Seize to Order.Queue	0.2875	(Insufficient)	0	1.2004
P42 Seize to Pay.Queue	0.00028811	(Insufficient)	0	0.05323792
Waiting Line 1.Queue	0.02612465	0.002009262	0	0.1985
Waiting Line 2.Queue	0.02293725	0.001616895	0	0.2242
Waiting Line 3.Queue	0.01847927	0.001555897	0	0.1195
Waiting Line 4.Queue	0.00163875	(Insufficient)	0	0.1810

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	0.07968966	0.025824205	0	2.0000
Hold 12.Queue	0.04508792	(Insufficient)	0	2.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2400	0.048549106	0	3.0000
Hold 9.Queue	0.1482	0.034770709	0	2.0000
P11 Seize to Order.Queue	0.01352203	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01157174	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01700052	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01023074	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00932703	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00462996	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01430565	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.01207736	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00685293	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00147277	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00686473	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00551996	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00287587	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00042844	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.8186	0.469279174	0	13.0000
P42 Seize to Pay.Queue	0.00082043	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2657	0.050900369	0	3.0000
Waiting Line 2.Queue	0.1756	0.036074353	0	2.0000
Waiting Line 3.Queue	0.08478435	0.020818638	0	2.0000
Waiting Line 4.Queue	0.00485382	(Insufficient)	0	2.0000

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	0.5108	0.094112585	0	1.0000
Machine 12	0.4690	0.087470132	0	1.0000
Machine 21	0.3945	0.078093811	0	1.0000
Machine 22	0.3416	0.066709437	0	1.0000
Machine 31	0.2527	0.054817057	0	1.0000
Machine 32	0.1922	(Insufficient)	0	1.0000
Machine 41	0.01211216	(Insufficient)	0	1.0000
Machine 42	0.2686	(Insufficient)	0	1.0000
Worker 1A	0.1673	0.056446796	0	1.0000
Worker 1B	0.1159	0.034292185	0	1.0000
Worker 1C	0.1579	0.053706200	0	1.0000
Worker 2A	0.1200	0.045201983	0	1.0000
Worker 2B	0.0920	0.026742358	0	1.0000
Worker 2C	0.1189	0.041716275	0	1.0000
Worker 3A	0.07734453	0.033719723	0	1.0000
Worker 3B	0.05027937	0.017495882	0	1.0000
Worker 3C	0.07466034	0.027547476	0	1.0000
Worker 4A	0.05458459	0.028930954	0	1.0000
Worker 4B	0.03045359	(Insufficient)	0	1.0000
Worker 4C	0.04133918	(Insufficient)	0	1.0000

Unnamed Project

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

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

Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Machine 11	0.5108	0.094112585	0	1.0000
Machine 12	0.4690	0.087470132	0	1.0000
Machine 21	0.3945	0.078093811	0	1.0000
Machine 22	0.3416	0.066709437	0	1.0000
Machine 31	0.2527	0.054817057	0	1.0000
Machine 32	0.1922	(Insufficient)	0	1.0000
Machine 41	0.01211216	(Insufficient)	0	1.0000
Machine 42	0.2686	(Insufficient)	0	1.0000
Worker 1A	0.1673	0.056446796	0	1.0000
Worker 1B	0.1159	0.034292185	0	1.0000
Worker 1C	0.1579	0.053706200	0	1.0000
Worker 2A	0.1200	0.045201983	0	1.0000
Worker 2B	0.0920	0.026742358	0	1.0000
Worker 2C	0.1189	0.041716275	0	1.0000
Worker 3A	0.07734453	0.033719723	0	1.0000
Worker 3B	0.05027937	0.017495882	0	1.0000
Worker 3C	0.07466034	0.027547476	0	1.0000
Worker 4A	0.05458459	0.028930954	0	1.0000
Worker 4B	0.03045359	(Insufficient)	0	1.0000
Worker 4C	0.04133918	(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

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

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5108
Machine 12	0.4690
Machine 21	0.3945
Machine 22	0.3416
Machine 31	0.2527
Machine 32	0.1922
Machine 41	0.01211216
Machine 42	0.2686
Worker 1A	0.2788
Worker 1B	0.1932
Worker 1C	0.2631
Worker 2A	0.2001
Worker 2B	0.1533
Worker 2C	0.1981
Worker 3A	0.1289
Worker 3B	0.08379895
Worker 3C	0.1244
Worker 4A	0.0910
Worker 4B	0.05075598
Worker 4C	0.06889863

Unnamed Project

Replication 5

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

Resource

Usage

Total Number Seized	Value
Machine 11	553.00
Machine 12	515.00
Machine 21	426.00
Machine 22	376.00
Machine 31	270.00
Machine 32	211.00
Machine 41	12.0000
Machine 42	299.00
Worker 1A	785.00
Worker 1B	583.00
Worker 1C	766.00
Worker 2A	573.00
Worker 2B	464.00
Worker 2C	566.00
Worker 3A	359.00
Worker 3B	250.00
Worker 3C	351.00
Worker 4A	257.00
Worker 4B	143.00
Worker 4C	222.00

System

Other

Number Out	Value
System	7,876

Unnamed Project

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

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	0.01742232	(Insufficient)	0	1.0000
Leave Stat	12,904.95	(Correlated)	-13,520	31,787.50
Profit Stat	12,905.13	(Correlated)	-13,520	31,787.50

Variable	Average	Half Width	Minimum	Maximum
Profit	12,905.13	(Correlated)	-13,520	31,787.50

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	0.07356876	0.021166832	0	2.2311
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	0.08716501	(Correlated)	0	0.2739
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1607	0.026853694	0	2.3042
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,660
Entity 1	4,450
Truck	2

Number Out	Value
Customer	2,650
Entity 1	4,450
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	4.0668	0.985101532	0	27.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Category by Replication

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	0.02868141	(Insufficient)	0	0.1294
Hold 12.Queue	0.5743	(Insufficient)	0	2.1330
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04843914	0.004379646	0	0.2391
Hold 9.Queue	0.03985015	0.004844702	0	0.1951
P11 Seize to Order.Queue	0.00278003	0.001343667	0	0.1695
P11 Seize to Pay.Queue	0.00182952	0.000887564	0	0.0945
P12 Seize to Order.Queue	0.00350284	0.001498929	0	0.07041149
P12 Seize to Pay.Queue	0.00265836	0.001312594	0	0.05425045
P21 Seize to Order.Queue	0.00279384	0.001473366	0	0.06936332
P21 Seize to Pay.Queue	0.00114305	0.000508533	0	0.05558868
P22 Seize to Order.Queue	0.00384515	0.001844174	0	0.06394681
P22 Seize to Pay.Queue	0.00382489	0.002117410	0	0.1765
P31 Seize to Order.Queue	0.00298670	(Insufficient)	0	0.1035
P31 Seize to Pay.Queue	0.00117854	(Insufficient)	0	0.03317042
P32 Seize to Order.Queue	0.00392980	(Insufficient)	0	0.06244958
P32 Seize to Pay.Queue	0.00257488	(Insufficient)	0	0.04954172
P41 Seize to Order.Queue	0.01186219	(Insufficient)	0	0.04333151
P41 Seize to Pay.Queue	0.00574783	(Insufficient)	0	0.01297227
P42 Seize to Order.Queue	0.3173	(Insufficient)	0	1.3398
P42 Seize to Pay.Queue	0.00005814	(Insufficient)	0	0.01476647
Waiting Line 1.Queue	0.02543124	0.001489084	0	0.1754
Waiting Line 2.Queue	0.02166777	0.002189257	0	0.2117
Waiting Line 3.Queue	0.01807204	0.002339928	0	0.1095
Waiting Line 4.Queue	0.00095411	(Insufficient)	0	0.1173

Other

Category by Replication

Unnamed Project

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	0.06610382	(Insufficient)	0	2.0000
Hold 12.Queue	0.02734836	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2537	0.056248304	0	3.0000
Hold 9.Queue	0.1507	0.036290180	0	2.0000
P11 Seize to Order.Queue	0.01458852	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00960063	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01684697	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01276015	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.01058998	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00433270	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01212138	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.01202109	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00691208	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00272749	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00666194	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00434051	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00056487	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00027371	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.7700	0.486456174	0	16.0000
P42 Seize to Pay.Queue	0.00014063	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2558	0.047275874	0	2.0000
Waiting Line 2.Queue	0.1504	0.034052948	0	2.0000
Waiting Line 3.Queue	0.07246027	(Insufficient)	0	2.0000
Waiting Line 4.Queue	0.00238074	(Insufficient)	0	1.0000

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	0.4986	(Correlated)	0	1.0000
Machine 12	0.4699	(Correlated)	0	1.0000
Machine 21	0.3629	0.068421346	0	1.0000
Machine 22	0.3135	0.060744462	0	1.0000
Machine 31	0.2171	(Correlated)	0	1.0000
Machine 32	0.1608	(Insufficient)	0	1.0000
Machine 41	0.00444672	(Insufficient)	0	1.0000
Machine 42	0.2223	(Insufficient)	0	1.0000
Worker 1A	0.1557	0.049208408	0	1.0000
Worker 1B	0.1125	0.036829036	0	1.0000
Worker 1C	0.1634	0.055330734	0	1.0000
Worker 2A	0.1018	0.034486641	0	1.0000
Worker 2B	0.07707469	0.023988175	0	1.0000
Worker 2C	0.1228	0.046707256	0	1.0000
Worker 3A	0.05741920	0.021528414	0	1.0000
Worker 3B	0.03987345	0.014497744	0	1.0000
Worker 3C	0.06834460	0.031367585	0	1.0000
Worker 4A	0.03240396	(Insufficient)	0	1.0000
Worker 4B	0.01834716	(Insufficient)	0	1.0000
Worker 4C	0.04899019	0.027145110	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	0.4986	(Correlated)	0	1.0000
Machine 12	0.4699	(Correlated)	0	1.0000
Machine 21	0.3629	0.068421346	0	1.0000
Machine 22	0.3135	0.060744462	0	1.0000
Machine 31	0.2171	(Correlated)	0	1.0000
Machine 32	0.1608	(Insufficient)	0	1.0000
Machine 41	0.00444672	(Insufficient)	0	1.0000
Machine 42	0.2223	(Insufficient)	0	1.0000
Worker 1A	0.1557	0.049208408	0	1.0000
Worker 1B	0.1125	0.036829036	0	1.0000
Worker 1C	0.1634	0.055330734	0	1.0000
Worker 2A	0.1018	0.034486641	0	1.0000
Worker 2B	0.07707469	0.023988175	0	1.0000
Worker 2C	0.1228	0.046707256	0	1.0000
Worker 3A	0.05741920	0.021528414	0	1.0000
Worker 3B	0.03987345	0.014497744	0	1.0000
Worker 3C	0.06834460	0.031367585	0	1.0000
Worker 4A	0.03240396	(Insufficient)	0	1.0000
Worker 4B	0.01834716	(Insufficient)	0	1.0000
Worker 4C	0.04899019	0.027145110	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	0.4986
Machine 12	0.4699
Machine 21	0.3629
Machine 22	0.3135
Machine 31	0.2171
Machine 32	0.1608
Machine 41	0.00444672
Machine 42	0.2223
Worker 1A	0.2595
Worker 1B	0.1875
Worker 1C	0.2723
Worker 2A	0.1697
Worker 2B	0.1285
Worker 2C	0.2047
Worker 3A	0.0957
Worker 3B	0.06645574
Worker 3C	0.1139
Worker 4A	0.05400659
Worker 4B	0.03057860
Worker 4C	0.08165031

Unnamed Project

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

Resource

Usage

Total Number Seized	Value
Machine 11	551.00
Machine 12	505.00
Machine 21	398.00
Machine 22	331.00
Machine 31	243.00
Machine 32	178.00
Machine 41	5.0000
Machine 42	254.00
Worker 1A	777.00
Worker 1B	557.00
Worker 1C	777.00
Worker 2A	486.00
Worker 2B	382.00
Worker 2C	589.00
Worker 3A	287.00
Worker 3B	208.00
Worker 3C	346.00
Worker 4A	171.00
Worker 4B	93.0000
Worker 4C	254.00

System

Other

Number Out	Value
System	7,102

Unnamed Project

Replications: 25

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	0.01578111	(Insufficient)	0	1.0000
Leave Stat	12,485.91	(Correlated)	-13,520	30,060.00
Profit Stat	12,486.07	(Correlated)	-13,520	30,060.00

Variable	Average	Half Width	Minimum	Maximum
Profit	12,486.07	(Correlated)	-13,520	30,060.00

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	0.05237316	(Correlated)	0	1.0345
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	0.07704698	(Correlated)	0	0.2399
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1294	(Correlated)	0	1.1317
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	3,164
Entity 1	4,790
Truck	2

Number Out	Value
Customer	3,157
Entity 1	4,790
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.8967	(Correlated)	0	24.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

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

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	0.02966459	(Insufficient)	0	0.1338
Hold 12.Queue	0.3368	(Insufficient)	0.08586622	0.5051
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04486888	0.003621555	0	0.1997
Hold 9.Queue	0.03784655	0.004501840	0	0.1648
P11 Seize to Order.Queue	0.00203266	0.001012433	0	0.07342729
P11 Seize to Pay.Queue	0.00149723	0.001059618	0	0.06696054
P12 Seize to Order.Queue	0.00243510	0.001205181	0	0.05549836
P12 Seize to Pay.Queue	0.00251084	0.001327457	0	0.08849676
P21 Seize to Order.Queue	0.00250449	0.001216401	0	0.1187
P21 Seize to Pay.Queue	0.00155946	0.001122359	0	0.06325834
P22 Seize to Order.Queue	0.00307218	0.001707459	0	0.1307
P22 Seize to Pay.Queue	0.00337832	0.002129546	0	0.08845054
P31 Seize to Order.Queue	0.00177911	(Insufficient)	0	0.08183330
P31 Seize to Pay.Queue	0.00105065	(Insufficient)	0	0.05872274
P32 Seize to Order.Queue	0.00342369	(Insufficient)	0	0.06308670
P32 Seize to Pay.Queue	0.00222943	(Insufficient)	0	0.04724889
P41 Seize to Order.Queue	0.00245186	(Insufficient)	0	0.01225928
P41 Seize to Pay.Queue	0.03086548	(Insufficient)	0	0.08081144
P42 Seize to Order.Queue	0.1886	(Insufficient)	0	1.0345
P42 Seize to Pay.Queue	0.00005100	(Insufficient)	0	0.00888911
Waiting Line 1.Queue	0.02445893	0.001639759	0	0.1500
Waiting Line 2.Queue	0.02227362	0.002083007	0	0.1544
Waiting Line 3.Queue	0.02003935	0.001691889	0	0.1143
Waiting Line 4.Queue	0.00151885	(Insufficient)	0	0.1131

Other

Unnamed Project

Replications: 25

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	0.07543281	0.020979766	0	2.0000
Hold 12.Queue	0.01603650	(Insufficient)	0	3.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2413	(Correlated)	0	3.0000
Hold 9.Queue	0.1483	0.036069232	0	3.0000
P11 Seize to Order.Queue	0.01095699	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00805652	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01201316	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01238679	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00982713	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00611902	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01041616	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.01142195	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00454096	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00267165	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00668435	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00433146	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00011676	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00146978	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.4849	(Correlated)	0	12.0000
P42 Seize to Pay.Queue	0.00013114	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.2525	(Correlated)	0	2.0000
Waiting Line 2.Queue	0.1629	(Correlated)	0	1.0000
Waiting Line 3.Queue	0.0903	0.026908018	0	1.0000
Waiting Line 4.Queue	0.00397794	(Insufficient)	0	1.0000

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	0.5116	(Correlated)	0	1.0000
Machine 12	0.4799	(Correlated)	0	1.0000
Machine 21	0.3749	(Correlated)	0	1.0000
Machine 22	0.3307	(Correlated)	0	1.0000
Machine 31	0.2373	0.059457601	0	1.0000
Machine 32	0.1848	(Insufficient)	0	1.0000
Machine 41	0.00626898	(Insufficient)	0	1.0000
Machine 42	0.2410	(Insufficient)	0	1.0000
Worker 1A	0.1423	0.051576548	0	1.0000
Worker 1B	0.1246	0.040709848	0	1.0000
Worker 1C	0.1694	0.063525045	0	1.0000
Worker 2A	0.0994	0.037150915	0	1.0000
Worker 2B	0.0914	0.030994163	0	1.0000
Worker 2C	0.1225	0.048006687	0	1.0000
Worker 3A	0.05776043	0.023323048	0	1.0000
Worker 3B	0.04742796	0.017635144	0	1.0000
Worker 3C	0.08056592	0.036594704	0	1.0000
Worker 4A	0.03777401	(Insufficient)	0	1.0000
Worker 4B	0.02524461	(Insufficient)	0	1.0000
Worker 4C	0.04905906	0.022265246	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	0.5116	(Correlated)	0	1.0000
Machine 12	0.4799	(Correlated)	0	1.0000
Machine 21	0.3749	(Correlated)	0	1.0000
Machine 22	0.3307	(Correlated)	0	1.0000
Machine 31	0.2373	0.059457601	0	1.0000
Machine 32	0.1848	(Insufficient)	0	1.0000
Machine 41	0.00626898	(Insufficient)	0	1.0000
Machine 42	0.2410	(Insufficient)	0	1.0000
Worker 1A	0.1423	0.051576548	0	1.0000
Worker 1B	0.1246	0.040709848	0	1.0000
Worker 1C	0.1694	0.063525045	0	1.0000
Worker 2A	0.0994	0.037150915	0	1.0000
Worker 2B	0.0914	0.030994163	0	1.0000
Worker 2C	0.1225	0.048006687	0	1.0000
Worker 3A	0.05776043	0.023323048	0	1.0000
Worker 3B	0.04742796	0.017635144	0	1.0000
Worker 3C	0.08056592	0.036594704	0	1.0000
Worker 4A	0.03777401	(Insufficient)	0	1.0000
Worker 4B	0.02524461	(Insufficient)	0	1.0000
Worker 4C	0.04905906	0.022265246	0	1.0000

Unnamed Project

Replications: 25

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

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5116
Machine 12	0.4799
Machine 21	0.3749
Machine 22	0.3307
Machine 31	0.2373
Machine 32	0.1848
Machine 41	0.00626898
Machine 42	0.2410
Worker 1A	0.2372
Worker 1B	0.2077
Worker 1C	0.2824
Worker 2A	0.1656
Worker 2B	0.1524
Worker 2C	0.2042
Worker 3A	0.0963
Worker 3B	0.07904660
Worker 3C	0.1343
Worker 4A	0.06295669
Worker 4B	0.04207436
Worker 4C	0.08176510

Unnamed Project

Replications: 25

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

Resource

Usage

Total Number Seized	Value
Machine 11	566.00
Machine 12	518.00
Machine 21	412.00
Machine 22	356.00
Machine 31	268.00
Machine 32	205.00
Machine 41	5.0000
Machine 42	270.00
Worker 1A	736.00
Worker 1B	607.00
Worker 1C	824.00
Worker 2A	471.00
Worker 2B	446.00
Worker 2C	618.00
Worker 3A	298.00
Worker 3B	253.00
Worker 3C	393.00
Worker 4A	183.00
Worker 4B	115.00
Worker 4C	252.00

System

Other

Number Out	Value
System	7,949

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	0.06558468	(Correlated)	0	1.0000
Leave Stat	13,910.91	(Correlated)	-13,520	31,882.50
Profit Stat	13,911.57	(Correlated)	-13,520	31,882.50

Variable	Average	Half Width	Minimum	Maximum
Profit	13,911.57	(Correlated)	-13,520	31,882.50

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	0.06137583	0.009487483	0	1.1802
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

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	0.08913712	(Correlated)	0	0.2199
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1505	(Correlated)	0	1.2488
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,682
Entity 1	4,991
Truck	2

Number Out	Value
Customer	2,682
Entity 1	4,991
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	3.8445	0.889633041	0	24.0000
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	0.03523846	(Insufficient)	0	0.1744
Hold 12.Queue	0.2190	(Insufficient)	0	0.6740
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04434875	0.003362056	0	0.1732
Hold 9.Queue	0.03966763	0.004755459	0	0.1892
P11 Seize to Order.Queue	0.00244835	0.001427940	0	0.07586171
P11 Seize to Pay.Queue	0.00150616	0.000714359	0	0.05462537
P12 Seize to Order.Queue	0.00260572	0.001385675	0	0.05515064
P12 Seize to Pay.Queue	0.00186563	0.001129594	0	0.06348361
P21 Seize to Order.Queue	0.00206162	0.001385418	0	0.07377062
P21 Seize to Pay.Queue	0.00099424	0.000775280	0	0.06163373
P22 Seize to Order.Queue	0.00276755	0.001708704	0	0.07309949
P22 Seize to Pay.Queue	0.00249377	0.001865186	0	0.08255418
P31 Seize to Order.Queue	0.00180321	(Insufficient)	0	0.08208123
P31 Seize to Pay.Queue	0.00064751	(Insufficient)	0	0.02673947
P32 Seize to Order.Queue	0.00341787	(Insufficient)	0	0.07777331
P32 Seize to Pay.Queue	0.00349320	(Insufficient)	0	0.06397859
P41 Seize to Order.Queue	0.02001682	(Insufficient)	0.01443179	0.02814400
P41 Seize to Pay.Queue	0.02268906	(Insufficient)	0	0.06959783
P42 Seize to Order.Queue	0.2088	(Insufficient)	0	1.1802
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.02464307	0.001535722	0	0.1405
Waiting Line 2.Queue	0.02185405	0.001730487	0	0.1371
Waiting Line 3.Queue	0.01756054	0.002478668	0	0.1213
Waiting Line 4.Queue	0.00119532	(Insufficient)	0	0.1619

Other

Unnamed Project

Replications: 25

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	0.07718900	(Insufficient)	0	2.0000
Hold 12.Queue	0.00834130	(Insufficient)	0	1.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2298	0.042867996	0	2.0000
Hold 9.Queue	0.1598	(Correlated)	0	2.0000
P11 Seize to Order.Queue	0.01268480	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.00780336	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01285489	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.00920380	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.00830539	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00400538	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.00943604	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00850257	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00394988	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00141836	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00621727	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00635430	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.00076255	(Insufficient)	0	1.0000
P41 Seize to Pay.Queue	0.00086435	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	0.5150	0.272573486	0	13.0000
P42 Seize to Pay.Queue	0	(Insufficient)	0	0
Waiting Line 1.Queue	0.2492	0.048954597	0	2.0000
Waiting Line 2.Queue	0.1626	0.040289293	0	2.0000
Waiting Line 3.Queue	0.07040941	(Insufficient)	0	1.0000
Waiting Line 4.Queue	0.00299398	(Insufficient)	0	1.0000

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	0.4972	(Correlated)	0	1.0000
Machine 12	0.4701	(Correlated)	0	1.0000
Machine 21	0.3829	0.080251416	0	1.0000
Machine 22	0.3325	0.072920174	0	1.0000
Machine 31	0.2121	0.058966795	0	1.0000
Machine 32	0.1814	(Insufficient)	0	1.0000
Machine 41	0.00463356	(Insufficient)	0	1.0000
Machine 42	0.2341	(Insufficient)	0	1.0000
Worker 1A	0.1542	0.047235537	0	1.0000
Worker 1B	0.1219	0.037255945	0	1.0000
Worker 1C	0.1520	0.056754810	0	1.0000
Worker 2A	0.1064	0.035197149	0	1.0000
Worker 2B	0.0920	0.033171607	0	1.0000
Worker 2C	0.1222	0.049275226	0	1.0000
Worker 3A	0.05636132	0.019920336	0	1.0000
Worker 3B	0.04954345	0.020364179	0	1.0000
Worker 3C	0.06683818	0.030288946	0	1.0000
Worker 4A	0.04146304	(Insufficient)	0	1.0000
Worker 4B	0.02246499	(Insufficient)	0	1.0000
Worker 4C	0.04465573	(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	0.4972	(Correlated)	0	1.0000
Machine 12	0.4701	(Correlated)	0	1.0000
Machine 21	0.3829	0.080251416	0	1.0000
Machine 22	0.3325	0.072920174	0	1.0000
Machine 31	0.2121	0.058966795	0	1.0000
Machine 32	0.1814	(Insufficient)	0	1.0000
Machine 41	0.00463356	(Insufficient)	0	1.0000
Machine 42	0.2341	(Insufficient)	0	1.0000
Worker 1A	0.1542	0.047235537	0	1.0000
Worker 1B	0.1219	0.037255945	0	1.0000
Worker 1C	0.1520	0.056754810	0	1.0000
Worker 2A	0.1064	0.035197149	0	1.0000
Worker 2B	0.0920	0.033171607	0	1.0000
Worker 2C	0.1222	0.049275226	0	1.0000
Worker 3A	0.05636132	0.019920336	0	1.0000
Worker 3B	0.04954345	0.020364179	0	1.0000
Worker 3C	0.06683818	0.030288946	0	1.0000
Worker 4A	0.04146304	(Insufficient)	0	1.0000
Worker 4B	0.02246499	(Insufficient)	0	1.0000
Worker 4C	0.04465573	(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	0.4972
Machine 12	0.4701
Machine 21	0.3829
Machine 22	0.3325
Machine 31	0.2121
Machine 32	0.1814
Machine 41	0.00463356
Machine 42	0.2341
Worker 1A	0.2570
Worker 1B	0.2032
Worker 1C	0.2534
Worker 2A	0.1774
Worker 2B	0.1533
Worker 2C	0.2037
Worker 3A	0.0939
Worker 3B	0.08257242
Worker 3C	0.1114
Worker 4A	0.06910506
Worker 4B	0.03744166
Worker 4C	0.07442622

Unnamed Project

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

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

Resource

Usage

Total Number Seized	Value
Machine 11	544.00
Machine 12	518.00
Machine 21	423.00
Machine 22	358.00
Machine 31	230.00
Machine 32	191.00
Machine 41	4.0000
Machine 42	259.00
Worker 1A	763.00
Worker 1B	622.00
Worker 1C	739.00
Worker 2A	482.00
Worker 2B	468.00
Worker 2C	612.00
Worker 3A	265.00
Worker 3B	240.00
Worker 3C	337.00
Worker 4A	199.00
Worker 4B	116.00
Worker 4C	211.00

System

Other

Number Out	Value
System	7,675

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	0.02641233	(Insufficient)	0	1.0000
Leave Stat	12,783.75	(Correlated)	-13,520	31,835.00
Profit Stat	12,784.01	(Correlated)	-13,520	31,835.00

Variable	Average	Half Width	Minimum	Maximum
Profit	12,784.01	(Correlated)	-13,520	31,835.00

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	0.08879707	0.015959211	0	2.6130
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Unnamed Project

Replications: 25

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	0.0942	0.001038480	0	0.2709
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Total Time	Average	Half Width	Minimum	Maximum
Customer	0.1830	0.015755036	0	2.6981
Entity 1	0	0.000000000	0	0
Truck	0	(Insufficient)	0	0

Other

Number In	Value
Customer	2,991
Entity 1	4,648
Truck	2

Number Out	Value
Customer	2,984
Entity 1	4,648
Truck	2

WIP	Average	Half Width	Minimum	Maximum
Customer	5.2049	0.955363541	0	32.0000
Entity 1	0	(Insufficient)	0	1.0000
Truck	0	(Insufficient)	0	1.0000

Unnamed Project

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

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	0.03133505	(Insufficient)	0	0.1836
Hold 12.Queue	0.5054	(Insufficient)	0	2.3709
Hold 13.Queue	0	0.000000000	0	0
Hold 8.Queue	0.04467093	0.003262072	0	0.1960
Hold 9.Queue	0.03822556	0.003866429	0	0.1639
P11 Seize to Order.Queue	0.00290289	0.001550196	0	0.1014
P11 Seize to Pay.Queue	0.00201260	0.001137304	0	0.1327
P12 Seize to Order.Queue	0.00284212	0.001329380	0	0.1243
P12 Seize to Pay.Queue	0.00319604	0.001559503	0	0.1092
P21 Seize to Order.Queue	0.00232674	0.001101067	0	0.07619724
P21 Seize to Pay.Queue	0.00163684	0.000877459	0	0.06998737
P22 Seize to Order.Queue	0.00353400	0.001540268	0	0.0987
P22 Seize to Pay.Queue	0.00243005	0.001008556	0	0.08403121
P31 Seize to Order.Queue	0.00221833	(Insufficient)	0	0.06864733
P31 Seize to Pay.Queue	0.00139315	(Insufficient)	0	0.05716166
P32 Seize to Order.Queue	0.00391608	(Insufficient)	0	0.04521878
P32 Seize to Pay.Queue	0.00373792	(Insufficient)	0	0.1073
P41 Seize to Order.Queue	0.08338023	(Insufficient)	0	0.3157
P41 Seize to Pay.Queue	0.00572426	(Insufficient)	0	0.03694234
P42 Seize to Order.Queue	0.3501	0.085019189	0	1.3802
P42 Seize to Pay.Queue	0.00016512	0.000197461	0	0.02859297
Waiting Line 1.Queue	0.02715356	0.002533836	0	0.2985
Waiting Line 2.Queue	0.02288603	0.002244923	0	0.2022
Waiting Line 3.Queue	0.02066935	0.004002837	0	0.1881
Waiting Line 4.Queue	0.00334935	0.003201773	0	0.1556

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	0.08833500	0.023972723	0	2.0000
Hold 12.Queue	0.06738899	(Insufficient)	0	2.0000
Hold 13.Queue	0	(Insufficient)	0	0
Hold 8.Queue	0.2729	0.033256649	0	3.0000
Hold 9.Queue	0.1686	(Correlated)	0	3.0000
P11 Seize to Order.Queue	0.01777677	(Insufficient)	0	1.0000
P11 Seize to Pay.Queue	0.01230564	(Insufficient)	0	1.0000
P12 Seize to Order.Queue	0.01602415	(Insufficient)	0	1.0000
P12 Seize to Pay.Queue	0.01801958	(Insufficient)	0	1.0000
P21 Seize to Order.Queue	0.01028200	(Insufficient)	0	1.0000
P21 Seize to Pay.Queue	0.00721769	(Insufficient)	0	1.0000
P22 Seize to Order.Queue	0.01376578	(Insufficient)	0	1.0000
P22 Seize to Pay.Queue	0.00944248	(Insufficient)	0	1.0000
P31 Seize to Order.Queue	0.00625357	(Insufficient)	0	1.0000
P31 Seize to Pay.Queue	0.00392735	(Insufficient)	0	1.0000
P32 Seize to Order.Queue	0.00827972	(Insufficient)	0	1.0000
P32 Seize to Pay.Queue	0.00790303	(Insufficient)	0	1.0000
P41 Seize to Order.Queue	0.01111736	(Insufficient)	0	4.0000
P41 Seize to Pay.Queue	0.00076323	(Insufficient)	0	1.0000
P42 Seize to Order.Queue	1.1605	0.523399793	0	14.0000
P42 Seize to Pay.Queue	0.00054727	(Insufficient)	0	1.0000
Waiting Line 1.Queue	0.3195	0.042651776	0	4.0000
Waiting Line 2.Queue	0.1904	0.030518402	0	4.0000
Waiting Line 3.Queue	0.1020	0.029150419	0	3.0000
Waiting Line 4.Queue	0.01154728	(Insufficient)	0	3.0000

Resource

Unnamed Project

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

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Machine 11	0.5908	0.059173319	0	1.0000
Machine 12	0.5470	0.051349221	0	1.0000
Machine 21	0.4237	0.052155836	0	1.0000
Machine 22	0.3705	0.046218124	0	1.0000
Machine 31	0.2676	0.042009377	0	1.0000
Machine 32	0.2047	0.038326359	0	1.0000
Machine 41	0.01314261	(Insufficient)	0	1.0000
Machine 42	0.3227	(Insufficient)	0	1.0000
Worker 1A	0.1719	0.047390376	0	1.0000
Worker 1B	0.1429	0.041725212	0	1.0000
Worker 1C	0.1891	0.060460198	0	1.0000
Worker 2A	0.1182	0.034530794	0	1.0000
Worker 2B	0.0999	0.031603027	0	1.0000
Worker 2C	0.1358	0.042142794	0	1.0000
Worker 3A	0.06695717	0.024299054	0	1.0000
Worker 3B	0.05239893	0.020264548	0	1.0000
Worker 3C	0.08487248	0.034476854	0	1.0000
Worker 4A	0.06093841	0.029238103	0	1.0000
Worker 4B	0.02891723	(Insufficient)	0	1.0000
Worker 4C	0.06371390	0.026975954	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	0.5908	0.059173319	0	1.0000
Machine 12	0.5470	0.051349221	0	1.0000
Machine 21	0.4237	0.052155836	0	1.0000
Machine 22	0.3705	0.046218124	0	1.0000
Machine 31	0.2676	0.042009377	0	1.0000
Machine 32	0.2047	0.038326359	0	1.0000
Machine 41	0.01314261	(Insufficient)	0	1.0000
Machine 42	0.3227	(Insufficient)	0	1.0000
Worker 1A	0.1719	0.047390376	0	1.0000
Worker 1B	0.1429	0.041725212	0	1.0000
Worker 1C	0.1891	0.060460198	0	1.0000
Worker 2A	0.1182	0.034530794	0	1.0000
Worker 2B	0.0999	0.031603027	0	1.0000
Worker 2C	0.1358	0.042142794	0	1.0000
Worker 3A	0.06695717	0.024299054	0	1.0000
Worker 3B	0.05239893	0.020264548	0	1.0000
Worker 3C	0.08487248	0.034476854	0	1.0000
Worker 4A	0.06093841	0.029238103	0	1.0000
Worker 4B	0.02891723	(Insufficient)	0	1.0000
Worker 4C	0.06371390	0.026975954	0	1.0000

Unnamed Project

Replications: 25

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　　　　　　　　　　　　　　　　　　Replications: 25

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

Resource

Usage

Scheduled Utilization	Value
Machine 11	0.5908
Machine 12	0.5470
Machine 21	0.4237
Machine 22	0.3705
Machine 31	0.2676
Machine 32	0.2047
Machine 41	0.01314261
Machine 42	0.3227
Worker 1A	0.2865
Worker 1B	0.2382
Worker 1C	0.3151
Worker 2A	0.1969
Worker 2B	0.1666
Worker 2C	0.2264
Worker 3A	0.1116
Worker 3B	0.08733154
Worker 3C	0.1415
Worker 4A	0.1016
Worker 4B	0.04819538
Worker 4C	0.1062

Unnamed Project

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

Resource

Usage

Total Number Seized	Value
Machine 11	643.00
Machine 12	592.00
Machine 21	464.00
Machine 22	409.00
Machine 31	296.00
Machine 32	222.00
Machine 41	14.0000
Machine 42	348.00
Worker 1A	831.00
Worker 1B	706.00
Worker 1C	932.00
Worker 2A	580.00
Worker 2B	489.00
Worker 2C	675.00
Worker 3A	331.00
Worker 3B	260.00
Worker 3C	445.00
Worker 4A	284.00
Worker 4B	142.00
Worker 4C	298.00

System

Other

Number Out	Value
System	7,634

Unnamed Project

Replications: 25

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	12,307.55	(Correlated)	-13,520	33,947.60
Profit Stat	12,307.55	(Correlated)	-13,520	33,947.60

Variable	Average	Half Width	Minimum	Maximum
Profit	12,307.55	(Correlated)	-13,520	33,947.60