Replication 1
 Start Time:
 0,00
 Stop Time:
 15,00
 Time Units: Hours

## **Resource Detail Summary**

## Usage

			Num Sched	Num Seized	Sched Util
AtmFichas	0,15	0,76	5,00	703,00	0,15
bartender	0,08	0,40	5,00	360,00	0,08
dealer	0,37	2,94	8,00	1 934,00	0,37
dealerCartas	0,49	16,77	34,00	5 389,00	0,49
Roleta	0,35	2,10	6,00	1 909,00	0,35
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,15	1,02	7,00	1 839,00	0,15

of

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Unnamed Project	Replications: 30
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Replication 1	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours	
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Atr	n⊢	ıcr	nas

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Number Busy	0.7634	(Correlated)	0	5.0000
Instantaneous Utilization	0.1527	(Correlated)	0	1.0000
Scheduled Utilization	0.1527			
Total Number Seized	703.00			

#### bartender

Usage	Value			
Scheduled Utilization	0.08061701			
Total Number Seized	360.00			
Number Busy	0.4031	(Correlated)	0	5.0000
Instantaneous Utilization	0.08061701	(Correlated)	0	1.0000
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

#### dealer

Usage	Value			
Total Number Seized	1,934.00			
Instantaneous Utilization	0.3679	(Correlated)	0	1.0000
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Scheduled Utilization	0.3679			
Number Busy	2.9436	(Correlated)	0	8.0000

## dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Number Busy	16.7652	(Correlated)	0	34.0000
Instantaneous Utilization	0.4931	(Correlated)	0	1.0000
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Scheduled Utilization	0.4931			
Total Number Seized	5,389.00			

(Insufficient)

(Insufficient)

0

1.0000

1.0000

Replication 1	Start Time:	0,00	Stop Time:	15,00	Time Units:	Hours
Roleta						
Usage		Value				
Scheduled Utilization		0.3506				
Total Number Seized		1,909.00				
Instantaneous Utilization	on	0.3506	(Correlated)		0	1.000
Number Scheduled		6.0000	(Insufficient)	6	.0000	6.000
Number Busy		2.1037	(Correlated)		0	6.000
seguranca						
Usage		Value				
Total Number Seized		0				
Number Busy		0	(Insufficient)		0	

0

1.0000

#### StotMachine

Instantaneous Utilization Scheduled Utilization Number Scheduled

Usage	Value			
Scheduled Utilization	0.1461			
Total Number Seized	1,839.00			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Instantaneous Utilization	0.1461	(Correlated)	0	0.8571
Number Busy	1.0225	(Correlated)	0	6.0000

of

Replications: 30

Replication 10 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

## **Resource Detail Summary**

## Usage

	<u>Inst Util</u>	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,14	0,72	5,00	649,00	0,14
bartender	0,07	0,35	5,00	321,00	0,07
dealer	0,27	2,13	8,00	1 501,00	0,27
dealerCartas	0,48	16,23	34,00	5 500,00	0,48
Roleta	0,27	1,64	6,00	1 486,00	0,27
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,10	0,69	7,00	1 242,00	0,10

Unnamed Project	Replications: 30
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eplication 10	Start Time:	0,00	Stop Time:	15,00	Time Units:	Hours
AtmFichas						
Usage		Value				
Scheduled Utilization		0.1436				
Total Number Seized		649.00				
Instantaneous Utilization	1	0.1436	(Correlated)		0	1.000
Number Busy		0.7180	(Correlated)		0	5.000
Number Scheduled		5.0000	(Insufficient)	5.	0000	5.000
bartender						
Usage		Value				
Scheduled Utilization		0.07045880				
Total Number Seized		321.00				
Number Busy		0.3523	(Correlated)		0	5.000
Instantaneous Utilization	1	0.07045880	(Correlated)		0	1.000
Number Scheduled		5.0000	(Insufficient)	5.	0000	5.000
dealer						
Usage		Value				
Total Number Seized		1,501.00				
Number Busy		2.1328	(Correlated)		0	7.000
Instantaneous Utilization	1	0.2666	(Correlated)		0	0.875
Number Scheduled		8.0000	(Insufficient)	8.	0000	8.000
Scheduled Utilization		0.2666				
dealerCartas						
Usage		Average	Half Width	Min	imum	Maximu
Instantaneous Utilization	1	0.4772	(Correlated)		0	1.000
Scheduled Utilization		0.4772				
Total Number Seized		5,500.00				
Number Scheduled		34.0000	(Insufficient)	34.	0000	34.000
Number Busy		16.2250	(Correlated)		0	34.000

0,00

Unnamed Project			

Start Time:

Time Units: Hours

15,00

Replications: 30

Rol	leta

Replication 10

Usage	Value			
Total Number Seized	1,486.00			
Instantaneous Utilization	0.2726	(Correlated)	0	1.0000
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Number Busy	1.6357	(Correlated)	0	6.0000
Scheduled Utilization	0.2726			

Stop Time:

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0	(Insufficient)	0	0
Total Number Seized	0			
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Number Busy	0	(Insufficient)	0	0
Scheduled Utilization	0			

#### StotMachine

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.6898	(Insufficient)	0	5.0000
Total Number Seized	1,242.00			
Scheduled Utilization	0.0985			
Instantaneous Utilization	0.0985	(Insufficient)	0	0.7143
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000

of

Replication 11	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours	
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## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,14	0,71	5,00	636,00	0,14
bartender	0,07	0,36	5,00	322,00	0,07
dealer	0,27	2,19	8,00	1 467,00	0,27
dealerCartas	0,42	14,16	34,00	4 967,00	0,42
Roleta	0,27	1,61	6,00	1 450,00	0,27
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,12	0,83	7,00	1 497,00	0,12
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Unnamed Project	Replications: 30
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Replication 11	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Instantaneous Utilization	0.1412	0,033747592	0	1.0000
Number Busy	0.7059	0,168737958	0	5.0000
Total Number Seized	636.00			
Scheduled Utilization	0.1412			

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.07267905	(Correlated)	0	0.8000
Scheduled Utilization	0.07267905			
Total Number Seized	322.00			
Number Busy	0.3634	(Correlated)	0	4.0000
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

#### dealer

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Number Busy	2.1902	(Correlated)	0	7.0000
Total Number Seized	1,467.00			
Instantaneous Utilization	0.2738	(Correlated)	0	0.8750
Scheduled Utilization	0.2738			

#### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Number Busy	14.1607	(Correlated)	0	34.0000
Scheduled Utilization	0.4165			
Total Number Seized	4,967.00			
Instantaneous Utilization	0.4165	(Correlated)	0	1.0000
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000

of

Unnamed Project	Replications: 30
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Replication 11	Start Time:	0.00	Stop Time:	15,00	Time Units: Hours

Rol	leta
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Usage	Value			
Scheduled Utilization	0.2684			
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Instantaneous Utilization	0.2684	(Correlated)	0	1.0000
Number Busy	1.6107	(Correlated)	0	6.0000
Total Number Seized	1.450.00			

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0	(Insufficient)	0	0
Scheduled Utilization	0			
Instantaneous Utilization	0	(Insufficient)	0	0
Total Number Seized	0			
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000

#### StotMachine

Usage	Value			
Scheduled Utilization	0.1193			
Instantaneous Utilization	0.1193	(Correlated)	0	0.8571
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Number Busy	0.8348	(Correlated)	0	6.0000
Total Number Seized	1.497.00			

of

# Unnamed Project Replications: 30

Replication 12 Start Time	0,00	Stop Time:	15,00	Time Units: Hours
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## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,14	0,71	5,00	639,00	0,14
bartender	0,07	0,36	5,00	333,00	0,07
dealer	0,22	1,79	8,00	1 172,00	0,22
dealerCartas	0,44	15,09	34,00	4 930,00	0,44
Roleta	0,22	1,29	6,00	1 157,00	0,22
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,11	0,76	7,00	1 377,00	0,11

Unnamed Project	Replications: 30
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Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.7148	0,192924356	0	5.0000
Scheduled Utilization	0.1430			
Instantaneous Utilization	0.1430	0,038584871	0	1.0000
Total Number Seized	639.00			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.3641	(Correlated)	0	4.0000
Scheduled Utilization	0.07282002			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized	333.00			
Instantaneous Utilization	0.07282002	(Correlated)	0	0.8000

#### dealer

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Instantaneous Utilization	0.2242	(Correlated)	0	0.8750
Scheduled Utilization	0.2242			
Total Number Seized	1,172.00			
Number Busy	1.7938	(Correlated)	0	7.0000

## dealerCartas

Usage	Value			
Scheduled Utilization	0.4437			
Instantaneous Utilization	0.4437	(Correlated)	0	1.0000
Number Busy	15.0855	(Correlated)	0	34.0000
Total Number Seized	4,930.00			
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000

Unnamed Project	Replications: 30
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Replication 12	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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## Roleta

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.2151	(Correlated)	0	1.0000
Scheduled Utilization	0.2151			
Total Number Seized	1,157.00			
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Number Busy	1.2905	(Correlated)	0	6.0000

## seguranca

Usage	Value			
Scheduled Utilization	0			
Instantaneous Utilization	0	(Insufficient)	0	0
Total Number Seized	0			
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Number Busy	0	(Insufficient)	0	0

## StotMachine

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.1093	(Insufficient)	0	0.7143
Number Busy	0.7648	(Insufficient)	0	5.0000
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Total Number Seized	1,377.00			
Scheduled Utilization	0.1093			

# Unnamed Project Replications: 30

Replication 13	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours	
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## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,15	0,73	5,00	656,00	0,15
bartender	0,07	0,33	5,00	303,00	0,07
dealer	0,28	2,24	8,00	1 468,00	0,28
dealerCartas	0,43	14,66	34,00	5 028,00	0,43
Roleta	0,27	1,61	6,00	1 449,00	0,27
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,08	0,57	7,00	1 021,00	0,08

Jnnamed Project	Replications: 30
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Replication 13	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Number Busy	0.7318	(Correlated)	0	5.0000
Scheduled Utilization	0.1464			
Total Number Seized	656.00			
Instantaneous Utilization	0.1464	(Correlated)	0	1.0000

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.06678268	(Correlated)	0	1.0000
Total Number Seized	303.00			
Number Busy	0.3339	(Correlated)	0	5.0000
Scheduled Utilization	0.06678268			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

#### dealer

Usage	Average	Half Width	Minimum	Maximum
Number Busy	2.2371	(Correlated)	0	8.0000
Scheduled Utilization	0.2796			
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Total Number Seized	1,468.00			
Instantaneous Utilization	0.2796	(Correlated)	0	1.0000

## dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.4313	(Correlated)	0	1.0000
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Total Number Seized	5,028.00			
Scheduled Utilization	0.4313			
Number Busy	14.6648	(Correlated)	0	34.0000

Unnamed Project		
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Replication 13 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### Roleta

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Instantaneous Utilization	0.2687	(Correlated)	0	1.0000
Scheduled Utilization	0.2687			
Total Number Seized	1,449.00			
Number Busy	1.6124	(Correlated)	0	6.0000

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Total Number Seized	0			
Number Busy	0	(Insufficient)	0	0
Instantaneous Utilization	0	(Insufficient)	0	0
Scheduled Utilization	0			

#### StotMachine

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.08181978	(Insufficient)	0	0.7143
Number Busy	0.5727	(Insufficient)	0	5.0000
Scheduled Utilization	0.08181978			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Total Number Seized	1.021.00			

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# Unnamed Project Replications: 30

Replication 14 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,15	0,74	5,00	663,00	0,15
bartender	0,08	0,42	5,00	374,00	0,08
dealer	0,30	2,41	8,00	1 561,00	0,30
dealerCartas	0,43	14,61	34,00	5 298,00	0,43
Roleta	0,28	1,71	6,00	1 540,00	0,28
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,11	0,79	7,00	1 424,00	0,11

plication 14	Start Time:	0,00	Stop Time:	15,00	Time Uni	ts: Hours
AtmFichas						
Usage		Value				
Scheduled Utilization		0.1471				
Number Scheduled		5.0000	(Insufficient)	5.0	000	5.000
Total Number Seized		663.00				
Instantaneous Utilization		0.1471	(Correlated)		0	1.000
Number Busy		0.7355	(Correlated)		0	5.000
bartender						
Usage		Average	Half Width	Minii	mum	Maxim
Instantaneous Utilization		0.08366514	(Correlated)		0	1.00
Number Scheduled		5.0000	(Insufficient)	5.0	000	5.00
Scheduled Utilization		0.08366514				
Total Number Seized		374.00				
Number Busy		0.4183	(Correlated)		0	5.00
dealer						
Usage		Value				
Scheduled Utilization		0.3013				
Total Number Seized		1,561.00				
Number Busy		2.4107	(Correlated)		0	8.000
Instantaneous Utilization		0.3013	(Correlated)		0	1.000
Number Scheduled		8.0000	(Insufficient)	9.0	000	8.00

## dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Number Busy	14.6083	(Correlated)	0	32.0000
Total Number Seized	5,298.00			
Scheduled Utilization	0.4297			
Instantaneous Utilization	0.4297	(Correlated)	0	0.9412
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000

Unnamed Project	Replications: 30
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Replication 14	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Rol	leta

Usage	Value			
Total Number Seized	1,540.00			
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Scheduled Utilization	0.2847			
Instantaneous Utilization	0.2847	(Correlated)	0	1.0000
Number Busy	1.7085	(Correlated)	0	6.0000

## seguranca

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0	(Insufficient)	0	0
Number Busy	0	(Insufficient)	0	0
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	0			
Total Number Seized	0			

## StotMachine

Usage	Value			
Scheduled Utilization	0.1133			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Number Busy	0.7934	(Insufficient)	0	5.0000
Instantaneous Utilization	0.1133	(Insufficient)	0	0.7143
Total Number Seized	1.424.00			

Replication 15 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,15	0,73	5,00	658,00	0,15
bartender	0,07	0,36	5,00	321,00	0,07
dealer	0,25	1,98	8,00	1 353,00	0,25
dealerCartas	0,38	12,83	34,00	4 317,00	0,38
Roleta	0,25	1,49	6,00	1 338,00	0,25
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,08	0,58	7,00	1 057,00	0,08

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Unnamed Project	Replications: 30
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eplication 15	Start Time:	0,00	Stop Time:	15,00 T	ime Units: Hours
AtmFichas					
Autili icilas					
Usage		Value			
Total Number Seized		658.00			
Number Busy		0.7300	(Correlated)	(	5.0000
Number Scheduled		5.0000	(Insufficient)	5.0000	5.0000
Scheduled Utilization		0.1460			
Instantaneous Utilization		0.1460	(Correlated)	(	1.0000
bartender					
Usage		Value			
Scheduled Utilization		0.07101848			
Number Busy		0.3551	(Correlated)	(	4.0000
Instantaneous Utilization		0.07101848	(Correlated)	(	0.8000
Number Scheduled		5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized		321.00			
dealer					
Usage		Value			
Scheduled Utilization		0.2474			
Number Busy		1.9794	(Correlated)	(	8.0000
Number Scheduled		8.0000	(Insufficient)	8.0000	8.0000
Total Number Seized		1,353.00			
Instantaneous Utilization		0.2474	(Correlated)	(	1.0000
dealerCartas					
Usage		Average	Half Width	Minimun	n Maximum
Number Scheduled		34.0000	(Insufficient)	34.0000	34.0000
Number Busy		12.8266	(Correlated)	(	34.0000
Instantaneous Utilization		0.3773	(Correlated)	(	1.0000
Total Number Seized		4,317.00			
Scheduled Utilization		0.3773			

of

Replication 15 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

Rol	leta

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.2491	(Insufficient)	0	1.0000
Total Number Seized	1,338.00			
Scheduled Utilization	0.2491			
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Number Busy	1.4948	(Insufficient)	0	6.0000

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Instantaneous Utilization	0	(Insufficient)	0	0
Total Number Seized	0			
Scheduled Utilization	0			
Number Busy	0	(Insufficient)	0	0

#### StotMachine

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Number Busy	0.5850	(Insufficient)	0	5.0000
Scheduled Utilization	0.08356451			
Instantaneous Utilization	0.08356451	(Insufficient)	0	0.7143
Total Number Seized	1.057.00			

of

## Unnamed Project Replications: 30

Replication 16 Start Time:	0,00	Stop Time:	15,00	Time Units: Hours	
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## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,16	0,82	5,00	736,00	0,16
bartender	0,08	0,41	5,00	365,00	0,08
dealer	0,33	2,67	8,00	1 830,00	0,33
dealerCartas	0,48	16,26	34,00	5 711,00	0,48
Roleta	0,34	2,03	6,00	1 811,00	0,34
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,15	1,04	7,00	1 875,00	0,15
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of

Unnamed Project	Replications: 30
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Replication 16	Start Time:	0.00	Stop Time:	15,00	Time Units: Hours

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Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.8193	(Correlated)	0	5.0000
Instantaneous Utilization	0.1639	(Correlated)	0	1.0000
Scheduled Utilization	0.1639			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized	736.00			

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.4052	(Correlated)	0	5.0000
Instantaneous Utilization	0.08103066	(Correlated)	0	1.0000
Total Number Seized	365.00			
Scheduled Utilization	0.08103066			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

#### dealer

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.3337	(Correlated)	0	1.0000
Scheduled Utilization	0.3337			
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Number Busy	2.6693	(Correlated)	0	8.0000
Total Number Seized	1 830 00			

#### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Number Busy	16.2600	(Correlated)	0	34.0000
Scheduled Utilization	0.4782			
Total Number Seized	5,711.00			
Instantaneous Utilization	0.4782	(Correlated)	0	1.0000

of

Unnamed Project	Replications: 30
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Replication 16	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.3378	(Correlated)	0	1.0000
Total Number Seized	1,811.00			
Scheduled Utilization	0.3378			
Number Busy	2.0270	(Correlated)	0	6.0000
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000

## seguranca

Usage	Value			
Scheduled Utilization	0			
Total Number Seized	0			
Number Busy	0	(Insufficient)	0	0
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Instantaneous Utilization	0	(Insufficient)	0	0

## StotMachine

Usage	Value			
Scheduled Utilization	0.1485			
Number Busy	1.0392	(Correlated)	0	5.0000
Instantaneous Utilization	0.1485	(Correlated)	0	0.7143
Total Number Seized	1,875.00			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000

of

Replications: 30

Replication 17

Start Time:

0,00

Stop Time:

15,00

Time Units: Hours

## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,14	0,71	5,00	660,00	0,14
bartender	0,08	0,38	5,00	337,00	0,08
dealer	0,27	2,16	8,00	1 336,00	0,27
dealerCartas	0,41	13,99	34,00	4 803,00	0,41
Roleta	0,24	1,46	6,00	1 315,00	0,24
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,08	0,53	7,00	956,00	0,08

of

Unnamed Project	Replications: 30
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Replication 17 Start Time: 0,00 Stop Time: 15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized	660.00			

Number Busy0.7125(Correlated)05.0000Instantaneous Utilization0.1425(Correlated)01.0000

0.1425

#### bartender

Scheduled Utilization

AtmFichas

Usage	Value			
Scheduled Utilization	0.07514653			
Instantaneous Utilization	0.07514653	(Correlated)	0	1.0000
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized	337.00			
Number Busy	0.3757	(Correlated)	0	5.0000

## dealer

Usage	Value			
Total Number Seized	1,336.00			
Instantaneous Utilization	0.2695	(Correlated)	0	1.0000
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Scheduled Utilization	0.2695			
Number Busy	2.1556	(Correlated)	0	8.0000

#### dealerCartas

Usage	Value			
Total Number Seized	4,803.00			
Scheduled Utilization	0.4114			
Instantaneous Utilization	0.4114	(Correlated)	0	1.0000
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Number Busy	13.9864	(Correlated)	0	34.0000

of

Unnamed Project	eplications: 30
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Replication 17	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Value			
Scheduled Utilization	0.2441			
Instantaneous Utilization	0.2441	(Correlated)	0	1.0000
Total Number Seized	1,315.00			
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Number Busy	1.4646	(Correlated)	0	6.0000

## seguranca

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0	(Insufficient)	0	0
Scheduled Utilization	0			
Total Number Seized	0			
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Number Busy	0	(Insufficient)	0	0

#### StotMachine

Usage	Average	Half Width	Minimum	m Maximum	
Instantaneous Utilization	0.07618450	(Insufficient)	0	0.7143	
Scheduled Utilization	0.07618450				
Number Busy	0.5333	(Insufficient)	0	5.0000	
Total Number Seized	956.00				
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000	

Replications: 30

Replication 18 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

## **Resource Detail Summary**

## Usage

	<u>Inst Util</u>	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,14	0,70	5,00	636,00	0,14
bartender	0,08	0,38	5,00	338,00	0,08
dealer	0,29	2,33	8,00	1 568,00	0,29
dealerCartas	0,46	15,54	34,00	5 319,00	0,46
Roleta	0,29	1,73	6,00	1 550,00	0,29
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,09	0,65	7,00	1 181,00	0,09

Unnamed Project	Replications: 30
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Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized	636.00			
Instantaneous Utilization	0.1404	(Correlated)	0	1.0000
Scheduled Utilization	0.1404			
Number Busy	0.7019	(Correlated)	0	5.0000

#### bartender

Usage	Value			
Total Number Seized	338.00			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Scheduled Utilization	0.07514573			
Number Busy	0.3757	(Correlated)	0	5.0000
Instantaneous Utilization	0.07514573	(Correlated)	0	1.0000

#### dealer

Usage	Average	Half Width	Minimum	Maximum
Number Busy	2.3268	(Correlated)	0	8.0000
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Instantaneous Utilization	0.2909	(Correlated)	0	1.0000
Scheduled Utilization	0.2909			
Total Number Seized	1,568.00			

## dealerCartas

Usage	Value			
Scheduled Utilization	0.4569			
Total Number Seized	5,319.00			
Number Busy	15.5357	(Correlated)	0	34.0000
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Instantaneous Utilization	0.4569	(Correlated)	0	1.0000

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<b>Replication 18</b> Start Time: 0,00 Stop Time: 15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Scheduled Utilization	0.2883			
Instantaneous Utilization	0.2883	(Correlated)	0	1.0000
Total Number Seized	1,550.00			
Number Busy	1.7297	(Correlated)	0	6.0000

## seguranca

Usage	Value			
Scheduled Utilization	0			
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Number Busy	0	(Insufficient)	0	0
Instantaneous Utilization	0	(Insufficient)	0	0
Total Number Seized	0			

## StotMachine

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Scheduled Utilization	0.0933			
Number Busy	0.6532	(Insufficient)	0	4.0000
Instantaneous Utilization	0.0933	(Insufficient)	0	0.5714
Total Number Seized	1.181.00			

30

# Unnamed Project Replications: 30

Replication 19	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,15	0,77	5,00	705,00	0,15
bartender	0,08	0,41	5,00	372,00	0,08
dealer	0,26	2,05	8,00	1 327,00	0,26
dealerCartas	0,47	15,91	34,00	5 454,00	0,47
Roleta	0,24	1,46	6,00	1 309,00	0,24
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,11	0,77	7,00	1 388,00	0,11

Replication 19	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours	
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Usage	Value			
Scheduled Utilization	0.1541			
Number Busy	0.7704	(Correlated)	0	5.0000
Total Number Seized	705.00			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Instantaneous Utilization	0.1541	(Correlated)	0	1.0000

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized	372.00			
Instantaneous Utilization	0.08220408	(Correlated)	0	1.0000
Number Busy	0.4110	(Correlated)	0	5.0000
Scheduled Utilization	0.08220408			

#### dealer

Usage	Value			
Scheduled Utilization	0.2568			
Total Number Seized	1,327.00			
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Number Busy	2.0541	(Correlated)	0	8.0000
Instantaneous Utilization	0.2568	(Correlated)	0	1.0000

## dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.4679	(Correlated)	0	1.0000
Total Number Seized	5,454.00			
Number Busy	15.9093	(Correlated)	0	34.0000
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Scheduled Utilization	0.4679			

of

Replication 19 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

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Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.2433	(Correlated)	0	1.0000
Total Number Seized	1,309.00			
Number Busy	1.4596	(Correlated)	0	6.0000
Scheduled Utilization	0.2433			
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Number Busy	0	(Insufficient)	0	0
Scheduled Utilization	0			
Instantaneous Utilization	0	(Insufficient)	0	0
Total Number Seized	0			

#### StotMachine

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Number Busy	0.7676	(Insufficient)	0	5.0000
Total Number Seized	1,388.00			
Scheduled Utilization	0.1097			
Instantaneous Utilization	0.1097	(Insufficient)	0	0.7143

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Replication 2 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,14	0,72	5,00	648,00	0,14
bartender	0,09	0,45	5,00	409,00	0,09
dealer	0,36	2,87	8,00	1 914,00	0,36
dealerCartas	0,48	16,37	34,00	5 946,00	0,48
Roleta	0,35	2,11	6,00	1 891,00	0,35
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,11	0,75	7,00	1 346,00	0,11

of

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Unnamed Project	Replications: 30

eplication 2 Start Time:	0,00	Stop Time:	15,00 Tim	e Units: Hours
AtmFichas				
Usage	Value			
Scheduled Utilization	0.1448			
Instantaneous Utilization	0.1448	(Correlated)	0	1.0000
Total Number Seized	648.00			
Number Busy	0.7241	(Correlated)	0	5.0000
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
bartender				
Usage	Value			
Scheduled Utilization	0.0909			
Number Busy	0.4543	(Correlated)	0	5.0000
Total Number Seized	409.00			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Instantaneous Utilization	0.0909	(Correlated)	0	1.0000
dealer				
Usage	Value			
Scheduled Utilization	0.3592			
Number Busy	2.8733	(Correlated)	0	8.0000
Instantaneous Utilization	0.3592	(Correlated)	0	1.0000
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Total Number Seized	1,914.00			
dealerCartas				
Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.4814	(Correlated)	0	1.0000
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Scheduled Utilization	0.4814	,		
Total Number Seized	5,946.00			
Number Busy	16.3674	(Correlated)	0	34.0000

Unnamed Project	Replications: 30
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Replication 2	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.3511	(Correlated)	0	1.0000
Number Busy	2.1068	(Correlated)	0	6.0000
Total Number Seized	1,891.00			
Scheduled Utilization	0.3511			
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000

## seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0	(Insufficient)	0	0
Instantaneous Utilization	0	(Insufficient)	0	0
Total Number Seized	0			
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	0			

## StotMachine

Usage	Value			
Scheduled Utilization	0.1065			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Total Number Seized	1,346.00			
Number Busy	0.7455	(Insufficient)	0	4.0000
Instantaneous Utilization	0.1065	(Insufficient)	0	0.5714

Replications: 30

Replication 20 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### **Resource Detail Summary**

# Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,16	0,78	5,00	703,00	0,16
bartender	0,08	0,39	5,00	354,00	0,08
dealer	0,29	2,34	8,00	1 537,00	0,29
dealerCartas	0,43	14,75	34,00	5 164,00	0,43
Roleta	0,28	1,68	6,00	1 517,00	0,28
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,08	0,56	7,00	1 020,00	0,08

Replication 20	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized	703.00			
Scheduled Utilization	0.1560			
Number Busy	0.7799	(Correlated)	0	5.0000
Instantaneous Utilization	0.1560	(Correlated)	0	1.0000

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.3931	(Correlated)	0	5.0000
Scheduled Utilization	0.07862445			
Total Number Seized	354.00			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Instantaneous Utilization	0.07862445	(Correlated)	0	1.0000

#### dealer

Usage	Value			
Scheduled Utilization	0.2927			
Instantaneous Utilization	0.2927	(Correlated)	0	1.0000
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Number Busy	2.3416	(Correlated)	0	8.0000
Total Number Seized	1,537.00			

### dealerCartas

Usage	Value			
Scheduled Utilization	0.4337			
Total Number Seized	5,164.00			
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Number Busy	14.7460	(Correlated)	0	34.0000
Instantaneous Utilization	0.4337	(Correlated)	0	1.0000

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**Replication 20** Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### Roleta

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.2795	(Correlated)	0	1.0000
Total Number Seized	1,517.00			
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Scheduled Utilization	0.2795			
Number Busy	1.6770	(Correlated)	0	6.0000

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Instantaneous Utilization	0	(Insufficient)	0	0
Scheduled Utilization	0			
Total Number Seized	0			
Number Busy	0	(Insufficient)	0	0

#### StotMachine

Usage	Average	Half Width	Minimum	Maximum	
Instantaneous Utilization	0.08063920	(Insufficient)	0	0.7143	
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000	
Number Busy	0.5645	(Insufficient)	0	5.0000	
Total Number Seized	1,020.00				
Scheduled Utilization	0.08063920				

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Replications: 30

# Unnamed Project Replications: 30

Replication 21 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### **Resource Detail Summary**

# Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,16	0,79	5,00	707,00	0,16
bartender	0,07	0,34	5,00	301,00	0,07
dealer	0,28	2,20	8,00	1 440,00	0,28
dealerCartas	0,46	15,59	34,00	5 304,00	0,46
Roleta	0,26	1,58	6,00	1 421,00	0,26
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,09	0,66	7,00	1 202,00	0,09
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Unnamed Project	Replications: 30
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Replication 21	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.1571	(Correlated)	0	1.0000
Scheduled Utilization	0.1571			
Total Number Seized	707.00			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Number Busy	0.7854	(Correlated)	0	5.0000

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.3432	(Correlated)	0	5.0000
Total Number Seized	301.00			
Scheduled Utilization	0.06864355			
Instantaneous Utilization	0.06864355	(Correlated)	0	1.0000
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

#### dealer

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Instantaneous Utilization	0.2756	(Correlated)	0	1.0000
Number Busy	2.2049	(Correlated)	0	8.0000
Scheduled Utilization	0.2756			
Total Number Seized	1,440.00			

### dealerCartas

Usage	Value			
Total Number Seized	5,304.00			
Scheduled Utilization	0.4586			
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Instantaneous Utilization	0.4586	(Correlated)	0	1.0000
Number Busy	15.5917	(Correlated)	0	34.0000

Replication 21 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### Roleta

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.2639	(Insufficient)	0	1.0000
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Total Number Seized	1,421.00			
Scheduled Utilization	0.2639			
Number Busy	1.5837	(Insufficient)	0	6.0000

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0	(Insufficient)	0	0
Scheduled Utilization	0			
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Number Busy	0	(Insufficient)	0	0
Total Number Seized	0			

#### StotMachine

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Number Busy	0.6643	(Insufficient)	0	4.0000
Total Number Seized	1,202.00			
Instantaneous Utilization	0.0949	(Insufficient)	0	0.5714
Scheduled Utilization	0.0949			

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Replications: 30

Replications: 30

Replication 22 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### **Resource Detail Summary**

# Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,14	0,72	5,00	651,00	0,14
bartender	0,08	0,39	5,00	353,00	0,08
dealer	0,31	2,45	8,00	1 691,00	0,31
dealerCartas	0,45	15,32	34,00	5 311,00	0,45
Roleta	0,31	1,83	6,00	1 672,00	0,31
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,11	0,78	7,00	1 398,00	0,11

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Unnamed Project	Replications: 30
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Replication 22	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
AtmFichas					
Usage		Value			

Usage	value			
Scheduled Utilization	0.1445			
Total Number Seized	651.00			
Instantaneous Utilization	0.1445	0,032545146	0	1.0000
Number Busy	0.7225	0,162725732	0	5.0000
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Scheduled Utilization	0.07757595			
Total Number Seized	353.00			
Number Busy	0.3879	(Correlated)	0	5.0000
Instantaneous Utilization	0.07757595	(Correlated)	0	1.0000

#### dealer

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Scheduled Utilization	0.3062			
Total Number Seized	1,691.00			
Number Busy	2.4497	(Correlated)	0	8.0000
Instantaneous Utilization	0.3062	(Correlated)	0	1.0000

#### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Total Number Seized	5,311.00			
Scheduled Utilization	0.4506			
Number Busy	15.3207	(Correlated)	0	34.0000
Instantaneous Utilization	0.4506	(Correlated)	0	1.0000

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eplication 22	Start Time:	0,00	Stop Time:	15,00	Time Units:	Hours
Roleta						
Usage		Value				
Scheduled Utilization		0.3056				
Total Number Seized		1,672.00				
Number Busy		1.8335	(Correlated)		0	6.0000
Number Scheduled		6.0000	(Insufficient)	6.	.0000	6.0000
Instantaneous Utilization	n	0.3056	(Correlated)		0	1.0000
seguranca						
Usage		Value				
Scheduled Utilization		0				
Instantaneous Utilization	n	0	(Insufficient)		0	0
Total Number Seized		0				
Number Busy		0	(Insufficient)		0	0
Number Scheduled		1.0000	(Insufficient)	1.	0000	1.0000
StotMachine						
Usage		Value				
Scheduled Utilization		0.1107				
Total Number Seized		1,398.00				
Number Busy		0.7751	(Insufficient)		0	6.0000

0.1107

7.0000

(Insufficient)

(Insufficient)

Instantaneous Utilization

**Number Scheduled** 

0

7.0000

0.8571

7.0000

Replications: 30

Units: Hours
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# **Resource Detail Summary**

# Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,14	0,69	5,00	622,00	0,14
bartender	0,07	0,35	5,00	319,00	0,07
dealer	0,27	2,18	8,00	1 355,00	0,27
dealerCartas	0,41	14,09	34,00	5 117,00	0,41
Roleta	0,24	1,47	6,00	1 334,00	0,24
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,09	0,66	7,00	1 183,00	0,09

Unnamed Project	Replications: 30
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olication 23	Start Time:	0,00	Stop Time:	15,00 Time	Units: Hours
AtmFichas					
Usage		Value			
Scheduled Utilization		0.1378			
Total Number Seized		622.00			
Instantaneous Utilization		0.1378	0,035580895	0	1.000
Number Busy		0.6890	0,177904475	0	5.000
Number Scheduled		5.0000	(Insufficient)	5.0000	5.000
partender					
Usage		Value			
Total Number Seized		319.00			
Number Scheduled		5.0000	(Insufficient)	5.0000	5.000
Scheduled Utilization		0.07087940			
Number Busy		0.3544	(Correlated)	0	4.000
Instantaneous Utilization		0.07087940	(Correlated)	0	0.800
lealer					
Usage		Value			
Scheduled Utilization		0.2721			
Number Busy		2.1770	(Correlated)	0	8.000
Total Number Seized		1,355.00			
Instantaneous Utilization		0.2721	(Correlated)	0	1.000
Number Scheduled		8.0000	(Insufficient)	8.0000	8.000
lealerCartas					
Usage		Average	Half Width	Minimum	Maximu
Number Scheduled		34.0000	(Insufficient)	34.0000	34.000
Scheduled Utilization		0.4145			
Number Busy		14.0940	(Correlated)	0	34.000
Total Number Seized		5,117.00			
Instantaneous Utilization		0.4145	(Correlated)	0	1.000

Unnamed Project	Replications: 30
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Replication 23	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Rol	leta
1 (0	Cta

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Instantaneous Utilization	0.2448	0,063709764	0	1.0000
Scheduled Utilization	0.2448			
Total Number Seized	1,334.00			
Number Busy	1.4689	0,382258584	0	6.0000

### seguranca

Usage	Value			
Scheduled Utilization	0			
Number Busy	0	(Insufficient)	0	0
Instantaneous Utilization	0	(Insufficient)	0	0
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Total Number Seized	0			

# StotMachine

Usage	Value			
Total Number Seized	1,183.00			
Number Busy	0.6597	(Insufficient)	0	4.0000
Instantaneous Utilization	0.0942	(Insufficient)	0	0.5714
Scheduled Utilization	0.0942			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000

Replication 24 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### **Resource Detail Summary**

# Usage

bartender 0,07 0,36 5,00 320,00 0 dealer 0,30 2,38 8,00 1 563,00 0	<u>Inst Ut</u>	Inst Util Num Busy Num S	ched Num Seized	Sched Util
dealer 0,30 2,38 8,00 1 563,00 0	nas 0,1	0,14 0,68	5,00 608,00	0,14
	er 0,0°	0,07 0,36	5,00 320,00	0,07
dealerCartas 0.43 14.64 34.00 5.231.00 0	0,3	0,30 2,38	8,00 1 563,00	0,30
0,10	artas 0,4	0,43 14,64 3	4,00 5 231,00	0,43
Roleta 0,29 1,72 6,00 1 543,00 0	0,2	0,29 1,72	6,00 1 543,00	0,29
seguranca 0,00 0,00 1,00 0,00 0	ıca 0,0	0,00 0,00	1,00 0,00	0,00
StotMachine 0,09 0,64 7,00 1 162,00 0	hine 0,0	0,09 0,64	7,00 1 162,00	0,09

49

Replications: 30

Unnamed Project	Replications: 30
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eplication 24	Start Time:	0,00	Stop Time:	15,00	Time Units:	Hours
AtmFichas						
Usage		Value				
Scheduled Utilization		0.1351				
Number Scheduled		5.0000	(Insufficient)	5.000	0	5.0000
Total Number Seized		608.00	,			
Instantaneous Utilization		0.1351	(Correlated)		0	1.0000
Number Busy		0.6753	(Correlated)		0	5.0000
bartender						
Usage		Average	Half Width	Minimu	m	Maximum
Number Busy		0.3595	(Correlated)		0	5.0000
Number Scheduled		5.0000	(Insufficient)	5.000	0	5.0000
Scheduled Utilization		0.07190123				
Total Number Seized		320.00				
Instantaneous Utilization		0.07190123	(Correlated)		0	1.0000
dealer						
Usage		Value				
Total Number Seized		1,563.00				
Number Scheduled		8.0000	(Insufficient)	8.000	0	8.0000
Scheduled Utilization		0.2974				
Number Busy		2.3792	(Correlated)		0	8.0000
Instantaneous Utilization		0.2974	(Correlated)		0	1.0000
dealerCartas						
Usage		Value				
Total Number Seized		5,231.00				
Instantaneous Utilization		0.4306	(Correlated)		0	1.0000
Number Scheduled		34.0000	(Insufficient)	34.000	0	34.0000
Number Busy		14.6398	(Correlated)		0	34.0000
Scheduled Utilization		0.4306				

of

Unnamed Project	Replications: 30
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Replication 24	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Ro	le:	ta

Usage	Value			
Total Number Seized	1,543.00			
Instantaneous Utilization	0.2868	(Correlated)	0	1.0000
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Scheduled Utilization	0.2868			
Number Busy	1.7211	(Correlated)	0	6.0000

### seguranca

Usage	Value			
Scheduled Utilization	0			
Total Number Seized	0			
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Number Busy	0	(Insufficient)	0	0
Instantaneous Utilization	0	(Insufficient)	0	0

# StotMachine

Usage	Value			
Scheduled Utilization	0.0913			
Total Number Seized	1,162.00			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Number Busy	0.6394	(Insufficient)	0	6.0000
Instantaneous Utilization	0.0913	(Insufficient)	0	0.8571

Replications: 30

Replication 25	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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# **Resource Detail Summary**

# Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,13	0,64	5,00	580,00	0,13
bartender	0,07	0,33	5,00	302,00	0,07
dealer	0,24	1,91	8,00	1 325,00	0,24
dealerCartas	0,38	12,84	34,00	4 153,00	0,38
Roleta	0,24	1,45	6,00	1 311,00	0,24
seguranca	0,02	0,02	1,00	1,00	0,02
StotMachine	0,09	0,61	7,00	1 098,00	0,09

Unnamed Project	Replications: 30
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Replication 25	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.6352	0,144123955	0	5.0000
Total Number Seized	580.00			
Instantaneous Utilization	0.1270	0,028824791	0	1.0000
Scheduled Utilization	0.1270			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Scheduled Utilization	0.06625662			
Instantaneous Utilization	0.06625662	(Correlated)	0	1.0000
Number Busy	0.3313	(Correlated)	0	5.0000
Total Number Seized	302.00			

#### dealer

Usage	Average	Half Width	Minimum	Maximum
Number Busy	1.9135	(Correlated)	0	8.0000
Scheduled Utilization	0.2392			
Total Number Seized	1,325.00			
Instantaneous Utilization	0.2392	(Correlated)	0	1.0000
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000

### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Number Busy	12.8365	(Correlated)	0	32.0000
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Scheduled Utilization	0.3775			
Instantaneous Utilization	0.3775	(Correlated)	0	0.9412
Total Number Seized	4,153.00			

of

Unnamed Project	Replications: 30
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Replication 25	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Value			
Total Number Seized	1,311.00			
Number Busy	1.4540	(Insufficient)	0	6.0000
Scheduled Utilization	0.2423			
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Instantaneous Utilization	0.2423	(Insufficient)	0	1.0000

## seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.01901271	(Insufficient)	0	1.0000
Scheduled Utilization	0.01901271			
Total Number Seized	1.0000			
Instantaneous Utilization	0.01901271	(Insufficient)	0	1.0000
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000

# StotMachine

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.08729085	(Insufficient)	0	0.7143
Number Busy	0.6110	(Insufficient)	0	5.0000
Scheduled Utilization	0.08729085			
Total Number Seized	1,098.00			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000

of

Replications: 30

Replication 26 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### **Resource Detail Summary**

# Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,15	0,73	5,00	644,00	0,15
bartender	0,08	0,42	5,00	376,00	0,08
dealer	0,30	2,43	8,00	1 502,00	0,30
dealerCartas	0,49	16,83	34,00	5 574,00	0,49
Roleta	0,28	1,65	6,00	1 479,00	0,28
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,11	0,79	7,00	1 416,00	0,11

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Unnamed Project	Replications: 30
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Atr	n⊢	ıcr	nas

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.1452	(Correlated)	0	1.0000
Number Busy	0.7261	(Correlated)	0	5.0000
Total Number Seized	644.00			
Scheduled Utilization	0.1452			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.08379312	(Correlated)	0	1.0000
Scheduled Utilization	0.08379312			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized	376.00			
Number Busy	0.4190	(Correlated)	0	5.0000

#### dealer

Usage	Value			
Scheduled Utilization	0.3035			
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Number Busy	2.4283	(Correlated)	0	8.0000
Instantaneous Utilization	0.3035	(Correlated)	0	1.0000
Total Number Seized	1,502.00			

### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Number Busy	16.8259	(Correlated)	0	34.0000
Scheduled Utilization	0.4949			
Total Number Seized	5,574.00			
Instantaneous Utilization	0.4949	(Correlated)	0	1.0000

of

0,00

Unnamed Proj	iect
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Start Time:

Time Units: Hours

15,00

Replications: 30

#### Roleta

Replication 26

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Scheduled Utilization	0.2756			
Number Busy	1.6536	(Correlated)	0	6.0000
Instantaneous Utilization	0.2756	(Correlated)	0	1.0000
Total Number Seized	1.479.00			

Stop Time:

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Number Busy	0	(Insufficient)	0	0
Instantaneous Utilization	0	(Insufficient)	0	0
Total Number Seized	0			
Scheduled Utilization	0			

#### StotMachine

Usage	Value			
Total Number Seized	1,416.00			
Scheduled Utilization	0.1129			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Number Busy	0.7904	(Insufficient)	0	4.0000
Instantaneous Utilization	0.1129	(Insufficient)	0	0.5714

Replications: 30

Replication 27 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### **Resource Detail Summary**

# Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,14	0,72	5,00	654,00	0,14
bartender	0,08	0,40	5,00	359,00	0,08
dealer	0,24	1,89	8,00	1 225,00	0,24
dealerCartas	0,50	17,09	34,00	5 738,00	0,50
Roleta	0,22	1,33	6,00	1 208,00	0,22
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,14	0,98	7,00	1 756,00	0,14

of

Unnamed Project	Replications: 30
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plication 27	Start Time:	0,00	Stop Time:	15,00	Time Units:	Hours
AtmFichas						
Usage		Value				
Total Number Seized		654.00				
Number Scheduled		5.0000	(Insufficient)	5.0	0000	5.000
Scheduled Utilization		0.1449				
Number Busy		0.7245	(Correlated)		0	5.000
Instantaneous Utilization		0.1449	(Correlated)		0	1.000
partender						
Usage		Value				
Scheduled Utilization		0.07979365				
Number Busy		0.3990	(Correlated)		0	5.00
Total Number Seized		359.00				
Number Scheduled		5.0000	(Insufficient)	5.0	0000	5.00
Instantaneous Utilization		0.07979365	(Correlated)		0	1.000
dealer						
Usage		Value				
Scheduled Utilization		0.2364				
Total Number Seized		1,225.00				
Number Scheduled		8.0000	(Insufficient)	8.0	0000	8.00
Number Busy		1.8912	(Correlated)		0	8.00
Instantaneous Utilization		0.2364	(Correlated)		0	1.00
dealerCartas						
Usage		Average	Half Width	Minii	num	Maximu
Number Scheduled		34.0000	(Insufficient)	34.0	000	34.000
Scheduled Utilization		0.5028				
Total Number Seized		5,738.00				
Instantaneous Utilization		0.5028	(Correlated)		0	1.00
Number Busy		17.0942	(Correlated)		0	34.00

of

Replication 27	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Rol	leta
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Usage	Value			
Total Number Seized	1,208.00			
Instantaneous Utilization	0.2213	(Correlated)	0	1.0000
Scheduled Utilization	0.2213			
Number Busy	1.3279	(Correlated)	0	6.0000
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000

## seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Number Busy	0	(Insufficient)	0	0
Total Number Seized	0			
Scheduled Utilization	0			
Instantaneous Utilization	0	(Insufficient)	0	0

# StotMachine

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Instantaneous Utilization	0.1396	(Correlated)	0	0.8571
Total Number Seized	1,756.00			
Scheduled Utilization	0.1396			
Number Busv	0.9774	(Correlated)	0	6.0000

of

Replications: 30

Replication 28 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### **Resource Detail Summary**

# Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,16	0,81	5,00	721,00	0,16
bartender	0,08	0,38	5,00	338,00	0,08
dealer	0,25	1,98	8,00	1 259,00	0,25
dealerCartas	0,33	11,21	34,00	4 173,00	0,33
Roleta	0,23	1,38	6,00	1 241,00	0,23
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,09	0,62	7,00	1 126,00	0,09

Unnamed Project	Replications: 30
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Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Scheduled Utilization	0.1628			
Total Number Seized	721.00			
Number Busy	0.8142	(Correlated)	0	5.0000
Instantaneous Utilization	0.1628	(Correlated)	0	1.0000

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.3795	(Correlated)	0	5.0000
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized	338.00			
Instantaneous Utilization	0.07590954	(Correlated)	0	1.0000
Scheduled Utilization	0.07590954			

#### dealer

Usage	Value			
Scheduled Utilization	0.2478			
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Instantaneous Utilization	0.2478	(Correlated)	0	1.0000
Number Busy	1.9823	(Correlated)	0	8.0000
Total Number Seized	1,259.00			

### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Number Busy	11.2136	(Correlated)	0	34.0000
Total Number Seized	4,173.00			
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Scheduled Utilization	0.3298			
Instantaneous Utilization	0.3298	(Correlated)	0	1.0000

Unnamed Project	Replications: 30
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Replication 28 Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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# Roleta

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Scheduled Utilization	0.2307			
Number Busy	1.3841	(Correlated)	0	6.0000
Total Number Seized	1,241.00			
Instantaneous Utilization	0.2307	(Correlated)	0	1.0000

## seguranca

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0	(Insufficient)	0	0
Scheduled Utilization	0			
Total Number Seized	0			
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Number Busy	0	(Insufficient)	0	0

# StotMachine

Usage	Value			
Scheduled Utilization	0.08892430			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Number Busy	0.6225	(Insufficient)	0	5.0000
Instantaneous Utilization	0.08892430	(Insufficient)	0	0.7143
Total Number Seized	1 126 00			

of

Replications: 30

Replication 29	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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# **Resource Detail Summary**

# Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,15	0,73	5,00	651,00	0,15
bartender	0,08	0,38	5,00	342,00	0,08
dealer	0,33	2,62	8,00	1 769,00	0,33
dealerCartas	0,51	17,35	34,00	5 691,00	0,51
Roleta	0,33	1,95	6,00	1 749,00	0,33
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,09	0,66	7,00	1 193,00	0,09

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Replication 29	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours	
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AtmFichas				
Usage	Value			
Scheduled Utilization	0.1457			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Instantaneous Utilization	0.1457	(Correlated)	0	1.0000
Number Busy	0.7285	(Correlated)	0	5.0000

651.00

#### bartender

Total Number Seized

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized	342.00			
Instantaneous Utilization	0.07511217	(Correlated)	0	1.0000
Scheduled Utilization	0.07511217			
Number Busy	0.3756	(Correlated)	0	5.0000

#### dealer

Usage	Value			
Scheduled Utilization	0.3270			
Instantaneous Utilization	0.3270	(Correlated)	0	1.0000
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Total Number Seized	1,769.00			
Number Busy	2.6162	(Correlated)	0	8.0000

#### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.5103	(Correlated)	0	1.0000
Total Number Seized	5,691.00			
Scheduled Utilization	0.5103			
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Number Busy	17.3505	(Correlated)	0	34.0000

<b>Unnamed Project</b>			
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Replication 29 Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Rol	leta

Usage	Value			
Total Number Seized	1,749.00			
Instantaneous Utilization	0.3255	(Correlated)	0	1.0000
Number Busy	1.9530	(Correlated)	0	6.0000
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Scheduled Utilization	0.3255			

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0	(Insufficient)	0	0
Instantaneous Utilization	0	(Insufficient)	0	0
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Total Number Seized	0			
Scheduled Utilization	0			

#### StotMachine

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.6621	(Insufficient)	0	5.0000
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Scheduled Utilization	0.0946			
Instantaneous Utilization	0.0946	(Insufficient)	0	0.7143
Total Number Seized	1.193.00			

of

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Replications: 30

# Unnamed Project Replications: 30

Replication 3Start Time:0,00Stop Time:15,00Time Units:	Hours
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# **Resource Detail Summary**

# Usage

AtmFichas	0.46				
	0,16	0,80	5,00	710,00	0,16
bartender	0,08	0,42	5,00	374,00	0,08
dealer	0,30	2,42	8,00	1 654,00	0,30
dealerCartas	0,46	15,73	34,00	5 686,00	0,46
Roleta	0,30	1,81	6,00	1 635,00	0,30
seguranca	0,02	0,02	1,00	1,00	0,02
StotMachine	0,10	0,69	7,00	1 241,00	0,10

of

Unnamed Project	Replications: 30
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<b>Replication 3</b> Start Time: 0,00 Stop Time: 15,0	0 Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.1603	(Correlated)	0	1.0000
Total Number Seized	710.00			
Scheduled Utilization	0.1603			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Number Busy	0.8013	(Correlated)	0	5.0000

#### bartender

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.08369379	(Correlated)	0	1.0000
Scheduled Utilization	0.08369379			
Total Number Seized	374.00			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Number Busy	0.4185	(Correlated)	0	5.0000

#### dealer

Usage	Value			
Scheduled Utilization	0.3029			
Total Number Seized	1,654.00			
Number Busy	2.4229	(Correlated)	0	8.0000
Instantaneous Utilization	0.3029	(Correlated)	0	1.0000
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000

### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Number Busy	15.7264	(Correlated)	0	34.0000
Scheduled Utilization	0.4625			
Instantaneous Utilization	0.4625	(Correlated)	0	1.0000
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Total Number Seized	5,686.00			

of

Replication 3 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### Roleta

Jsage	Average	Half Width	Minimum	Maximum
Number Busy	1.8102	(Correlated)	0	6.0000
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Total Number Seized	1,635.00			
Scheduled Utilization	0.3017			
Instantaneous Utilization	0.3017	(Correlated)	0	1.0000

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Total Number Seized	1.0000			
Number Busy	0.02123487	(Insufficient)	0	1.0000
Instantaneous Utilization	0.02123487	(Insufficient)	0	1.0000
Scheduled Utilization	0.02123487			

#### StotMachine

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.0992	(Insufficient)	0	0.8571
Total Number Seized	1,241.00			
Number Busy	0.6942	(Insufficient)	0	6.0000
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Scheduled Utilization	0.0992			

of

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Replications: 30

# Unnamed Project Replications: 30

Replication 30	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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# **Resource Detail Summary**

# Usage

bartender 0,11 0,54 5,00 488,00 0 dealer 0,38 3,04 8,00 1 964,00 0		Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
dealer 0,38 3,04 8,00 1 964,00 0	mFichas	0,16	0,82	5,00	749,00	0,16
	rtender	0,11	0,54	5,00	488,00	0,11
	aler	0,38	3,04	8,00	1 964,00	0,38
dealerCartas 0,57 19,30 34,00 6 344,00 0	alerCartas	0,57	19,30	34,00	6 344,00	0,57
Roleta 0,36 2,15 6,00 1 937,00 0	leta	0,36	2,15	6,00	1 937,00	0,36
seguranca 0,01 0,01 1,00 1,00 0	guranca	0,01	0,01	1,00	1,00	0,01
StotMachine 0,15 1,07 7,00 1 931,00 0	otMachine	0,15	1,07	7,00	1 931,00	0,15

Unnamed Project	Replications: 30
Unnamed Project	Replications: 3

olication 30	Start Time:	0,00	Stop Time:	15,00 Time	Units: Hours
AtmFichas					
Usage		Value			
Scheduled Utilization		0.1649			
Number Scheduled		5.0000	(Insufficient)	5.0000	5.000
Total Number Seized		749.00			
Number Busy		0.8245	(Correlated)	0	5.000
Instantaneous Utilization		0.1649	(Correlated)	0	1.000
partender					
Usage		Average	Half Width	Minimum	Maximu
Number Busy		0.5375	(Correlated)	0	5.000
Total Number Seized		488.00			
Scheduled Utilization		0.1075			
Number Scheduled		5.0000	(Insufficient)	5.0000	5.000
Instantaneous Utilization		0.1075	(Correlated)	0	1.000
dealer					
Usage		Average	Half Width	Minimum	Maximu
Instantaneous Utilization		0.3795	(Correlated)	0	1.000
Number Busy		3.0356	(Correlated)	0	8.000
Scheduled Utilization		0.3795			
Total Number Seized		1,964.00			
Number Scheduled		8.0000	(Insufficient)	8.0000	8.000
lealerCartas					
Usage		Average	Half Width	Minimum	Maximu
Number Busy		19.2992	(Correlated)	0	34.000
Instantaneous Utilization		0.5676	(Correlated)	0	1.000
Total Number Seized		6,344.00			
Scheduled Utilization		0.5676			
Number Scheduled		34.0000	(Insufficient)	34.0000	34.000

Replication 30	Start Time:	0,00	Stop Time:	15,00	Time Units:	Hours
Roleta						
Usage		Value				
Scheduled Utilization		0.3587				
Number Scheduled		6.0000	(Insufficient)	6	.0000	6.0000
Number Busy		2.1524	(Correlated)		0	6.0000
Instantaneous Utilization		0.3587	(Correlated)		0	1.000
Total Number Seized		1,937.00				
seguranca						
Usage		Value				
Total Number Seized		1.0000				
Scheduled Utilization		0.01488559				

0.01488559

0.01488559

1.0000

#### StotMachine

Instantaneous Utilization

**Number Scheduled** 

**Number Busy** 

Usage	Value			
Scheduled Utilization	0.1531			
Instantaneous Utilization	0.1531	(Correlated)	0	1.0000
Number Busy	1.0718	(Correlated)	0	7.0000
Total Number Seized	1,931.00			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000

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# Unnamed Project Replications: 30

Replication 4	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,14	0,69	5,00	633,00	0,14
bartender	0,07	0,37	5,00	327,00	0,07
dealer	0,32	2,52	8,00	1 703,00	0,32
dealerCartas	0,41	14,09	34,00	4 966,00	0,41
Roleta	0,31	1,86	6,00	1 683,00	0,31
seguranca	0,02	0,02	1,00	1,00	0,02
StotMachine	0,09	0,60	7,00	1 087,00	0,09

Unnamed Project	Replications: 30
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<b>Replication 4</b> Start Time: 0,00 Stop Time:	: 15,00 Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Scheduled Utilization	0.1389			
Instantaneous Utilization	0.1389	(Correlated)	0	1.0000
Number Busy	0.6943	(Correlated)	0	5.0000
Total Number Seized	633.00			

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Number Busy	0.3651	(Correlated)	0	4.0000
Total Number Seized	327.00			
Instantaneous Utilization	0.07302571	(Correlated)	0	0.8000
Scheduled Utilization	0.07302571			

#### dealer

Number Busy 2.5233 (Correlated) 0 8.000 Scheduled Utilization 0.3154 Total Number Seized 1,703.00	Usage	Average	Half Width	Minimum	Maximum
Scheduled Utilization 0.3154  Total Number Seized 1,703.00	Instantaneous Utilization	0.3154	(Correlated)	0	1.0000
Total Number Seized 1,703.00	Number Busy	2.5233	(Correlated)	0	8.0000
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Scheduled Utilization	0.3154			
Number Scheduled 8.0000 (Insufficient) 8.0000 8.000	Total Number Seized	1,703.00			
	Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000

#### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.4144	(Correlated)	0	0.9706
Scheduled Utilization	0.4144			
Number Busy	14.0906	(Correlated)	0	33.0000
Total Number Seized	4,966.00			
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000

Replication 4 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### Roleta

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Scheduled Utilization	0.3102			
Number Busy	1.8612	(Correlated)	0	6.0000
Total Number Seized	1,683.00			
Instantaneous Utilization	0.3102	(Correlated)	0	1.0000

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.01738708	(Insufficient)	0	1.0000
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Number Busy	0.01738708	(Insufficient)	0	1.0000
Total Number Seized	1.0000			
Scheduled Utilization	0.01738708			

#### StotMachine

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.08568239	(Insufficient)	0	0.7143
Number Busy	0.5998	(Insufficient)	0	5.0000
Total Number Seized	1,087.00			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Scheduled Utilization	0.08568239			

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Replication 5 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

## **Resource Detail Summary**

## Usage

	<u>Inst Util</u>	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,15	0,73	5,00	653,00	0,15
bartender	0,09	0,43	5,00	379,00	0,09
dealer	0,27	2,19	8,00	1 479,00	0,27
dealerCartas	0,43	14,72	34,00	5 438,00	0,43
Roleta	0,27	1,62	6,00	1 462,00	0,27
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,10	0,73	7,00	1 329,00	0,10

of

Unnamed Project	Replications: 30
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Replication 5 Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.1464	(Correlated)	0	1.0000
Number Busy	0.7321	(Correlated)	0	5.0000
Total Number Seized	653.00			
Scheduled Utilization	0.1464			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

Usage	Value			
Total Number Seized	379.00			
Instantaneous Utilization	0.08549707	(Correlated)	0	1.0000
Number Busy	0.4275	(Correlated)	0	5.0000
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Scheduled Utilization	0.08549707			

#### dealer

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Instantaneous Utilization	0.2742	(Correlated)	0	1.0000
Number Busy	2.1937	(Correlated)	0	8.0000
Total Number Seized	1,479.00			
Scheduled Utilization	0.2742			

#### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Number Busy	14.7211	(Correlated)	0	33.0000
Instantaneous Utilization	0.4330	(Correlated)	0	0.9706
Total Number Seized	5,438.00			
Scheduled Utilization	0.4330			
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000

<b>Unnamed Pro</b>	ject			
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Re	eplication 5	Start Time:	0.00	Stop Time:	15.00	Time Units: Hours
1	0110011011		0,00	- 10 p	,	

## Roleta

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Number Busy	1.6223	(Correlated)	0	6.0000
Scheduled Utilization	0.2704			
Total Number Seized	1,462.00			
Instantaneous Utilization	0.2704	(Correlated)	0	1.0000

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	0			
Instantaneous Utilization	0	(Insufficient)	0	0
Number Busy	0	(Insufficient)	0	0
Total Number Seized	0			

## StotMachine

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.7349	(Insufficient)	0	4.0000
Instantaneous Utilization	0.1050	(Insufficient)	0	0.5714
Scheduled Utilization	0.1050			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Total Number Seized	1.329.00			

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# Unnamed Project Replications: 30

Replication 6 Start Time: 0,00 Stop Time: 15,00 Time Units: Ho
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## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,14	0,72	5,00	655,00	0,14
bartender	0,08	0,42	5,00	381,00	0,08
dealer	0,24	1,90	8,00	1 177,00	0,24
dealerCartas	0,47	15,92	34,00	5 490,00	0,47
Roleta	0,21	1,29	6,00	1 159,00	0,21
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,12	0,83	7,00	1 498,00	0,12
seguranca	0,00	0,00	1,00	0,00	0,

of

Replication 6	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours	
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AtmFich	nas

Usage	Value			
Scheduled Utilization	0.1443			
Instantaneous Utilization	0.1443	0,034337594	0	1.0000
Number Busy	0.7213	0,171687969	0	5.0000
Total Number Seized	655.00			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

Usage	Value			
Total Number Seized	381.00			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Scheduled Utilization	0.08479158			
Instantaneous Utilization	0.08479158	(Correlated)	0	0.8000
Number Busy	0.4240	(Correlated)	0	4.0000

#### dealer

Usage	Average	Half Width	Minimum	Maximum
Number Busy	1.8977	(Correlated)	0	8.0000
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Instantaneous Utilization	0.2372	(Correlated)	0	1.0000
Scheduled Utilization	0.2372			
Total Number Seized	1,177.00			

#### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.4683	(Correlated)	0	1.0000
Scheduled Utilization	0.4683			
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Total Number Seized	5,490.00			
Number Busy	15.9210	(Correlated)	0	34.0000

of

Unnamed Project	
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**Replication 6** Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

#### Roleta

Usage	Average	Half Width	Minimum	Maximum
Number Busy	1.2884	(Insufficient)	0	6.0000
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Instantaneous Utilization	0.2147	(Insufficient)	0	1.0000
Scheduled Utilization	0.2147			
Total Number Seized	1,159.00			

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Total Number Seized	0			
Number Busy	0	(Insufficient)	0	0
Instantaneous Utilization	0	(Insufficient)	0	0
Scheduled Utilization	0			

#### StotMachine

Usage	Value			
Total Number Seized	1,498.00			
Instantaneous Utilization	0.1184	(Insufficient)	0	0.7143
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000
Scheduled Utilization	0.1184			
Number Busy	0.8286	(Insufficient)	0	5.0000

of

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Replications: 30

Replication 7	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours	
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## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,13	0,67	5,00	605,00	0,13
bartender	0,08	0,40	5,00	354,00	0,08
dealer	0,30	2,37	8,00	1 572,00	0,30
dealerCartas	0,41	13,85	34,00	5 097,00	0,41
Roleta	0,29	1,73	6,00	1 553,00	0,29
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,10	0,69	7,00	1 234,00	0,10

Unnamed Project	Replications: 30
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Replication 7	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.6706	0,167383350	0	5.0000
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Instantaneous Utilization	0.1341	0,033476670	0	1.0000
Scheduled Utilization	0.1341			
Total Number Seized	605.00			

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Total Number Seized	354.00			
Instantaneous Utilization	0.07961932	(Correlated)	0	1.0000
Number Busy	0.3981	(Correlated)	0	5.0000
Scheduled Utilization	0.07961932			

#### dealer

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000
Total Number Seized	1,572.00			
Instantaneous Utilization	0.2961	(Correlated)	0	1.0000
Number Busy	2.3688	(Correlated)	0	8.0000
Scheduled Utilization	0.2961			

#### dealerCartas

Usage	Value			
Total Number Seized	5,097.00			
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000
Number Busy	13.8492	(Correlated)	0	34.0000
Scheduled Utilization	0.4073			
Instantaneous Utilization	0.4073	(Correlated)	0	1.0000

Unnamed Project	Replications: 30
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Replication 7	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Value			
Total Number Seized	1,553.00			
Instantaneous Utilization	0.2881	(Correlated)	0	1.0000
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Scheduled Utilization	0.2881			
Number Busy	1.7286	(Correlated)	0	6.0000

#### seguranca

Usage	Average	Half Width	Minimum	Maximum
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	0			
Total Number Seized	0			
Number Busy	0	(Insufficient)	0	0
Instantaneous Utilization	0	(Insufficient)	0	0

## StotMachine

Usage	Value			
Scheduled Utilization	0.0981			
Total Number Seized	1,234.00			
Number Busy	0.6868	(Insufficient)	0	6.0000
Instantaneous Utilization	0.0981	(Insufficient)	0	0.8571
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000

of

Replications: 30

Replication 8 Start Time: 0,00 Stop Time: 15,00 Time Units: Hours

## **Resource Detail Summary**

## Usage

	<u>Inst Util</u>	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,16	0,79	5,00	697,00	0,16
bartender	0,09	0,43	5,00	381,00	0,09
dealer	0,33	2,66	8,00	1 742,00	0,33
dealerCartas	0,47	15,97	34,00	5 373,00	0,47
Roleta	0,32	1,91	6,00	1 719,00	0,32
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,11	0,80	7,00	1 436,00	0,11

Unnamed Project	Replications: 30
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Replication 8	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.1576	(Correlated)	0	1.0000
Number Busy	0.7878	(Correlated)	0	5.0000
Scheduled Utilization	0.1576			
Total Number Seized	697.00			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

Usage	Value			
Scheduled Utilization	0.08613199			
Number Busy	0.4307	(Correlated)	0	5.0000
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000
Instantaneous Utilization	0.08613199	(Correlated)	0	1.0000
Total Number Seized	381.00			

#### dealer

Usage	Value			
Total Number Seized	1,742.00			
Scheduled Utilization	0.3328			
Number Busy	2.6625	(Correlated)	0	8.0000
Instantaneous Utilization	0.3328	(Correlated)	0	1.0000
Number Scheduled	8.0000	(Insufficient)	8.0000	8.0000

#### dealerCartas

Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.4698	(Correlated)	0	1.0000
Number Busy	15.9718	(Correlated)	0	34.0000
Scheduled Utilization	0.4698			
Total Number Seized	5,373.00			
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000

of

Unnamed Project	Replications: 30
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Replication 8	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours	
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Rol	leta

Usage	Average	Half Width	Minimum	Maximum
Number Busy	1.9108	(Correlated)	0	6.0000
Total Number Seized	1,719.00			
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Scheduled Utilization	0.3185			
Instantaneous Utilization	0.3185	(Correlated)	0	1.0000

### seguranca

Usage	Value			
Scheduled Utilization	0			
Total Number Seized	0			
Number Busy	0	(Insufficient)	0	0
Instantaneous Utilization	0	(Insufficient)	0	0
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000

## StotMachine

Usage	Value			
Scheduled Utilization	0.1138			
Instantaneous Utilization	0.1138	(Insufficient)	0	1.0000
Total Number Seized	1,436.00			
Number Busy	0.7966	(Insufficient)	0	7.0000
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000

of

# Unnamed Project Replications: 30

Replication 9	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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## **Resource Detail Summary**

## Usage

	Inst Util	Num Busy	Num Sched	Num Seized	Sched Util
AtmFichas	0,13	0,66	5,00	599,00	0,13
bartender	0,08	0,40	5,00	356,00	0,08
dealer	0,34	2,73	8,00	1 821,00	0,34
dealerCartas	0,46	15,48	34,00	5 574,00	0,46
Roleta	0,33	2,00	6,00	1 799,00	0,33
seguranca	0,00	0,00	1,00	0,00	0,00
StotMachine	0,11	0,79	7,00	1 428,00	0,11
ouvidoriirio	0,11	0,70	7,00	1 120,00	0,11

of

Unnamed Project	Replications: 30
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Replication 9	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours	
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AtmFichas				
Usage	Average	Half Width	Minimum	Maximum
Instantaneous Utilization	0.1321	(Correlated)	0	1.0000
Number Busy	0.6606	(Correlated)	0	5.0000
Total Number Seized	599.00			
Scheduled Utilization	0.1321			
Number Scheduled	5.0000	(Insufficient)	5.0000	5.0000

bartender		
Usage	Value	

356.00			
5.0000	(Insufficient)	5.0000	5.0000
0.3962	(Correlated)	0	5.0000
0.07923916	(Correlated)	0	1.0000
	5.0000 0.3962	5.0000 (Insufficient) 0.3962 (Correlated)	5.0000 (Insufficient) 5.0000 0.3962 (Correlated) 0

Scheduled Utilization 0.07923916

Usage	Value			
Total Number Seized	1,821.00			
Instantaneous Utilization	0.3408	(Correlated)	0	1.0000
Scheduled Utilization	0.3408			
Number Busy	2.7260	(Correlated)	0	8.0000

8.0000

(Insufficient)

dealerCartas

Number Scheduled

dealer

Usage	Value			
Total Number Seized	5,574.00			
Scheduled Utilization	0.4554			
Number Busy	15.4848	(Correlated)	0	34.0000
Instantaneous Utilization	0.4554	(Correlated)	0	1.0000
Number Scheduled	34.0000	(Insufficient)	34.0000	34.0000

8.0000

of

8.0000

Unnamed Project	Replications: 30
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Replication 9	Start Time:	0,00	Stop Time:	15,00	Time Units: Hours
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R	ol	leta

Usage	Value			
Total Number Seized	1,799.00			
Number Busy	1.9971	(Correlated)	0	6.0000
Scheduled Utilization	0.3329			
Number Scheduled	6.0000	(Insufficient)	6.0000	6.0000
Instantaneous Utilization	0.3329	(Correlated)	0	1.0000

#### seguranca

Usage	Value			
Total Number Seized	0			
Number Scheduled	1.0000	(Insufficient)	1.0000	1.0000
Instantaneous Utilization	0	(Insufficient)	0	0
Scheduled Utilization	0			
Number Busy	0	(Insufficient)	0	0

## StotMachine

Usage	Average	Half Width	Minimum	Maximum
Number Busy	0.7928	(Insufficient)	0	5.0000
Total Number Seized	1,428.00			
Instantaneous Utilization	0.1133	(Insufficient)	0	0.7143
Scheduled Utilization	0.1133			
Number Scheduled	7.0000	(Insufficient)	7.0000	7.0000

of