	A	B	C	D	E	F	G	H
1	**Queueing Simulator**							
2								
3			**Data**				**Results**	
4		Number of Servers =	2			Point	95% Confidence Interval	
5						Estimate	Low	High
6		**Interarrival Times**			L =	4,2005229	3,09724117	5,30380458
7		Distribution =	Exponential		L_q =	2,4129334	1,37586375	3,45000311
8		Mean =	2,5		W =	9,5721993	7,13117921	12,0132195
9					W_q =	5,4986202	3,16542238	7,83181795
10								
11		**Service Times**			P_0 =	0,0454417	0,0075552	0,08332825
12		Distribution =	Exponential		P_1 =	0,1215271	0,03547194	0,20758228
13		Mean =	4		P_2 =	0,1419861	0,100955	0,18301716
14					P_3 =	0,1561716	0,09597894	0,2163642
15					P_4 =	0,1177032	0,05767949	0,17772686
16		**Length of Simulation Run**			P_5 =	0,1228599	0,08599809	0,15972169
17		Number of Arrivals =	200		P_6 =	0,0936749	0,02930514	0,15804469
18					P_7 =	0,0860621	0,00478281	0,16734148
19					P_8 =	0,0546562	0,00740985	0,10190247
20					P_9 =	0,01764	-0,00407618	0,03935612
21		Run Simulation			P_{10} =	0,0078824	-0,007163	0,02292782

Serie 6, Aufgabe 4a)

Queueing Simulator

	Data
Number of Servers =	2
Interarrival Times	
Distribution =	Exponential
Mean =	2,5
Service Times	
Distribution =	Exponential
Mean =	4
Length of Simulation Run	
Number of Arrivals =	20.000

Run Simulation

Results	Point Estimate	95% Confidence Interval Low	High
L =	4,8936894	4,17053979	5,61683908
L_q =	3,2790619	2,58016793	3,97795585
W =	12,226502	10,4936729	13,9593316
W_q =	8,192481	6,49507326	9,88988868
P_0 =	0,1067443	0,09621101	0,11727753
P_1 =	0,1718839	0,15771853	0,18604931
P_2 =	0,1331822	0,12317267	0,14319169
P_3 =	0,1103602	0,10248005	0,11824028
P_4 =	0,0891243	0,08255354	0,09569514
P_5 =	0,0682524	0,06268688	0,07381791
P_6 =	0,0555549	0,0501916	0,06091812
P_7 =	0,0450973	0,04001904	0,05017553
P_8 =	0,0408575	0,03590338	0,04581157
P_9 =	0,0317248	0,02736596	0,03608362
P_{10} =	0,0275878	0,02293238	0,0322433

Serie 6, Aufgabe 4b)

	A	B	C	D	E	F	G	H
1	**Queueing Simulator**							
2								
3			**Data**				**Results**	
4		Number of Servers =	2			Point	95% Confidence Interval	
5						Estimate	Low	High
6		**Interarrival Times**			L =	0,8786338	0,87239016	0,88487746
7		Distribution =	Uniform		L_q =	0,0013684	0,00113942	0,00159742
8		Minimum Value =	2		W =	3,5208377	3,50043023	3,5412451
9		Maximum Value =	6		W_q =	0,0054835	0,00457129	0,0063957
10								
11		**Service Times**			P_0 =	0,2486665	0,24485506	0,25247792
12		Distribution =	Uniform		P_1 =	0,6254016	0,62196647	0,62883678
13		Minimum Value =	1		P_2 =	0,1245635	0,12141409	0,12771283
14		Maximum Value =	6		P_3 =	0,0013684	0,00113942	0,00159742
15					P_4 =	0	0	0
16		**Length of Simulation Run**			P_5 =	0	0	0
17		Number of Arrivals =	20.000		P_6 =	0	0	0
18					P_7 =	0	0	0
19					P_8 =	0	0	0
20					P_9 =	0	0	0
21		Run Simulation			P_{10} =	0	0	0

Serie 6, Aufgabe 4d)

	A	B	C	D	E	F	G	H
1	**Queueing Simulator**							
2								
3			**Data**				**Results**	
4		Number of Servers =	3			Point	95% Confidence Interval	
5						Estimate	Low	High
6		**Interarrival Times**			L =	1,9137807	1,85291708	1,97464434
7		Distribution =	Exponential		L_q =	0,3094249	0,27534143	0,34350832
8		Mean =	2,5		W =	4,7449581	4,62669754	4,86321872
9					W_q =	0,7671768	0,68771119	0,84664231
10								
11		**Service Times**			P_0 =	0,1886011	0,18044645	0,19675579
12		Distribution =	Exponential		P_1 =	0,298577	0,29069568	0,30645828
13		Mean =	4		P_2 =	0,2326868	0,22694678	0,2384269
14					P_3 =	0,1278892	0,12322668	0,13255178
15					P_4 =	0,0718689	0,06777592	0,07596184
16		**Length of Simulation Run**			P_5 =	0,0394709	0,03591776	0,04302413
17		Number of Arrivals =	20.000		P_6 =	0,0208775	0,01818298	0,02357212
18					P_7 =	0,0108379	0,00876816	0,01290758
19					P_8 =	0,0051756	0,00376804	0,00658307
20					P_9 =	0,0023195	0,00141336	0,00322562
21		Run Simulation			P_{10} =	0,0010927	0,00049374	0,00169176

Serie 6, Aufgabe 4e)