

P(K) estimated by FV2: 10.860% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 7.9 sec
 P(K) by MC: 1.216%, E(T) = 3.8 (simulation time = 4000.0)
 P(K) estimated by FV1: 1.283% (simulation time = 80.0)
 P(K) estimated by FV2: 11.248% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 7.8 sec
 P(K) by MC: 1.659%, E(T) = 4.0 (simulation time = 4000.0)
 P(K) estimated by FV1: 1.927% (simulation time = 80.0)
 P(K) estimated by FV2: 9.378% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 7.9 sec
 P(K) by MC: 1.728%, E(T) = 3.9 (simulation time = 4000.0)
 P(K) estimated by FV1: 1.177% (simulation time = 80.0)
 P(K) estimated by FV2: 11.676% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 7.4 sec
 P(K) by MC: 1.401%, E(T) = 3.9 (simulation time = 4000.0)
 P(K) estimated by FV1: 1.199% (simulation time = 80.0)
 P(K) estimated by FV2: 11.109% (simulation time = 80.0)
 True P(K): 1.587%
 Running simulation for nparticles=75 on 10 replications (2 of 7)...
 Replication 1 of 10... execution time: 13.3 sec
 P(K) by MC: 1.367%, E(T) = 4.0 (simulation time = 6000.0)
 P(K) estimated by FV1: 0.875% (simulation time = 80.0)
 P(K) estimated by FV2: 8.034% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 2 of 10... execution time: 9.7 sec
 P(K) by MC: 1.326%, E(T) = 3.9 (simulation time = 6000.0)
 P(K) estimated by FV1: 1.360% (simulation time = 80.0)
 P(K) estimated by FV2: 8.647% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 3 of 10... execution time: 9.0 sec
 P(K) by MC: 0.940%, E(T) = 3.8 (simulation time = 6000.0)
 P(K) estimated by FV1: 1.474% (simulation time = 80.0)
 P(K) estimated by FV2: 7.045% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 4 of 10... execution time: 9.3 sec
 P(K) by MC: 1.469%, E(T) = 3.9 (simulation time = 6000.0)
 P(K) estimated by FV1: 1.533% (simulation time = 80.0)
 P(K) estimated by FV2: 10.197% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 5 of 10... execution time: 9.2 sec
 P(K) by MC: 1.611%, E(T) = 3.9 (simulation time = 6000.0)
 P(K) estimated by FV1: 1.828% (simulation time = 80.0)
 P(K) estimated by FV2: 9.824% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 6 of 10... execution time: 8.9 sec
 P(K) by MC: 1.565%, E(T) = 3.9 (simulation time = 6000.0)
 P(K) estimated by FV1: 1.660% (simulation time = 80.0)
 P(K) estimated by FV2: 10.111% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 9.0 sec
 P(K) by MC: 1.207%, E(T) = 3.8 (simulation time = 6000.0)
 P(K) estimated by FV1: 2.078% (simulation time = 80.0)
 P(K) estimated by FV2: 9.910% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 9.1 sec
 P(K) by MC: 1.419%, E(T) = 3.9 (simulation time = 6000.0)
 P(K) estimated by FV1: 1.873% (simulation time = 80.0)
 P(K) estimated by FV2: 8.814% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 8.9 sec
 P(K) by MC: 1.660%, E(T) = 4.0 (simulation time = 6000.0)
 P(K) estimated by FV1: 1.034% (simulation time = 80.0)
 P(K) estimated by FV2: 8.446% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 9.1 sec
 P(K) by MC: 1.456%, E(T) = 3.8 (simulation time = 6000.0)
 P(K) estimated by FV1: 0.976% (simulation time = 80.0)
 P(K) estimated by FV2: 7.558% (simulation time = 80.0)
 True P(K): 1.587%

Running simulation for nparticles=112 on 10 replications (3 of 7)...

Replication 1 of 10... execution time: 13.6 sec
P(K) by MC: 1.382%, E(T) = 4.0 (simulation time = 8960.0)
P(K) estimated by FV1: 0.976% (simulation time = 80.0)
P(K) estimated by FV2: 9.035% (simulation time = 80.0)
True P(K): 1.587%

Replication 2 of 10... execution time: 13.5 sec
P(K) by MC: 1.325%, E(T) = 3.9 (simulation time = 8960.0)
P(K) estimated by FV1: 1.298% (simulation time = 80.0)
P(K) estimated by FV2: 8.643% (simulation time = 80.0)
True P(K): 1.587%

Replication 3 of 10... execution time: 13.6 sec
P(K) by MC: 1.174%, E(T) = 3.8 (simulation time = 8960.0)
P(K) estimated by FV1: 1.097% (simulation time = 80.0)
P(K) estimated by FV2: 8.116% (simulation time = 80.0)
True P(K): 1.587%

Replication 4 of 10... execution time: 13.7 sec
P(K) by MC: 1.583%, E(T) = 3.9 (simulation time = 8960.0)
P(K) estimated by FV1: 1.494% (simulation time = 80.0)
P(K) estimated by FV2: 10.494% (simulation time = 80.0)
True P(K): 1.587%

Replication 5 of 10... execution time: 13.8 sec
P(K) by MC: 1.286%, E(T) = 3.8 (simulation time = 8960.0)
P(K) estimated by FV1: 1.542% (simulation time = 80.0)
P(K) estimated by FV2: 6.881% (simulation time = 80.0)
True P(K): 1.587%

Replication 6 of 10... execution time: 13.9 sec
P(K) by MC: 1.714%, E(T) = 4.0 (simulation time = 8960.0)
P(K) estimated by FV1: 1.505% (simulation time = 80.0)
P(K) estimated by FV2: 11.348% (simulation time = 80.0)
True P(K): 1.587%

Replication 7 of 10... execution time: 13.7 sec
P(K) by MC: 1.262%, E(T) = 3.9 (simulation time = 8960.0)
P(K) estimated by FV1: 1.561% (simulation time = 80.0)
P(K) estimated by FV2: 9.988% (simulation time = 80.0)
True P(K): 1.587%

Replication 8 of 10... execution time: 13.7 sec
P(K) by MC: 1.197%, E(T) = 3.9 (simulation time = 8960.0)
P(K) estimated by FV1: 1.579% (simulation time = 80.0)
P(K) estimated by FV2: 8.578% (simulation time = 80.0)
True P(K): 1.587%

Replication 9 of 10... execution time: 13.9 sec
P(K) by MC: 1.509%, E(T) = 3.9 (simulation time = 8960.0)
P(K) estimated by FV1: 1.271% (simulation time = 80.0)
P(K) estimated by FV2: 9.606% (simulation time = 80.0)
True P(K): 1.587%

Replication 10 of 10... execution time: 14.1 sec
P(K) by MC: 1.404%, E(T) = 3.9 (simulation time = 8960.0)
P(K) estimated by FV1: 1.544% (simulation time = 80.0)
P(K) estimated by FV2: 8.737% (simulation time = 80.0)
True P(K): 1.587%

Running simulation for nparticles=168 on 10 replications (4 of 7)...

Replication 1 of 10... execution time: 22.9 sec
P(K) by MC: 1.272%, E(T) = 4.0 (simulation time = 13440.0)
P(K) estimated by FV1: 1.593% (simulation time = 80.0)
P(K) estimated by FV2: 9.117% (simulation time = 80.0)
True P(K): 1.587%

Replication 2 of 10... execution time: 24.4 sec
P(K) by MC: 1.445%, E(T) = 3.9 (simulation time = 13440.0)
P(K) estimated by FV1: 1.459% (simulation time = 80.0)
P(K) estimated by FV2: 9.622% (simulation time = 80.0)
True P(K): 1.587%

Replication 3 of 10... execution time: 22.0 sec
P(K) by MC: 1.218%, E(T) = 3.8 (simulation time = 13440.0)
P(K) estimated by FV1: 1.177% (simulation time = 80.0)
P(K) estimated by FV2: 7.566% (simulation time = 80.0)
True P(K): 1.587%

Replication 4 of 10... execution time: 22.8 sec
P(K) by MC: 1.676%, E(T) = 3.9 (simulation time = 13440.0)
P(K) estimated by FV1: 1.444% (simulation time = 80.0)
P(K) estimated by FV2: 8.903% (simulation time = 80.0)
True P(K): 1.587%

Replication 5 of 10... execution time: 22.2 sec

P(K) by MC: 1.471%, E(T) = 3.9 (simulation time = 13440.0)
 P(K) estimated by FV1: 1.351% (simulation time = 80.0)
 P(K) estimated by FV2: 9.818% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 6 of 10... execution time: 21.3 sec
 P(K) by MC: 1.729%, E(T) = 4.0 (simulation time = 13440.0)
 P(K) estimated by FV1: 2.057% (simulation time = 80.0)
 P(K) estimated by FV2: 11.947% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 21.4 sec
 P(K) by MC: 1.442%, E(T) = 3.9 (simulation time = 13440.0)
 P(K) estimated by FV1: 1.306% (simulation time = 80.0)
 P(K) estimated by FV2: 10.041% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 21.3 sec
 P(K) by MC: 1.431%, E(T) = 4.0 (simulation time = 13440.0)
 P(K) estimated by FV1: 2.528% (simulation time = 80.0)
 P(K) estimated by FV2: 8.537% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 21.1 sec
 P(K) by MC: 1.602%, E(T) = 4.0 (simulation time = 13440.0)
 P(K) estimated by FV1: 2.209% (simulation time = 80.0)
 P(K) estimated by FV2: 11.496% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 21.5 sec
 P(K) by MC: 1.359%, E(T) = 3.9 (simulation time = 13440.0)
 P(K) estimated by FV1: 2.011% (simulation time = 80.0)
 P(K) estimated by FV2: 11.417% (simulation time = 80.0)
 True P(K): 1.587%
 Running simulation for nparticles=252 on 10 replications (5 of 7)...
 Replication 1 of 10... execution time: 33.0 sec
 P(K) by MC: 1.314%, E(T) = 3.9 (simulation time = 20160.0)
 P(K) estimated by FV1: 1.737% (simulation time = 80.0)
 P(K) estimated by FV2: 7.585% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 2 of 10... execution time: 33.9 sec
 P(K) by MC: 1.488%, E(T) = 3.9 (simulation time = 20160.0)
 P(K) estimated by FV1: 1.304% (simulation time = 80.0)
 P(K) estimated by FV2: 8.167% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 3 of 10... execution time: 34.0 sec
 P(K) by MC: 1.289%, E(T) = 3.9 (simulation time = 20160.0)
 P(K) estimated by FV1: 1.141% (simulation time = 80.0)
 P(K) estimated by FV2: 11.603% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 4 of 10... execution time: 33.9 sec
 P(K) by MC: 1.724%, E(T) = 3.9 (simulation time = 20160.0)
 P(K) estimated by FV1: 1.492% (simulation time = 80.0)
 P(K) estimated by FV2: 9.133% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 5 of 10... execution time: 34.2 sec
 P(K) by MC: 1.502%, E(T) = 3.9 (simulation time = 20160.0)
 P(K) estimated by FV1: 1.458% (simulation time = 80.0)
 P(K) estimated by FV2: 9.372% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 6 of 10... execution time: 33.3 sec
 P(K) by MC: 1.680%, E(T) = 4.0 (simulation time = 20160.0)
 P(K) estimated by FV1: 1.435% (simulation time = 80.0)
 P(K) estimated by FV2: 10.876% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 33.4 sec
 P(K) by MC: 1.497%, E(T) = 3.9 (simulation time = 20160.0)
 P(K) estimated by FV1: 1.286% (simulation time = 80.0)
 P(K) estimated by FV2: 9.174% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 33.5 sec
 P(K) by MC: 1.479%, E(T) = 4.0 (simulation time = 20160.0)
 P(K) estimated by FV1: 1.469% (simulation time = 80.0)
 P(K) estimated by FV2: 8.311% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 33.0 sec
 P(K) by MC: 1.555%, E(T) = 4.0 (simulation time = 20160.0)
 P(K) estimated by FV1: 1.610% (simulation time = 80.0)

P(K) estimated by FV2: 11.172% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 32.6 sec
 P(K) by MC: 1.481%, E(T) = 3.9 (simulation time = 20160.0)
 P(K) estimated by FV1: 1.550% (simulation time = 80.0)
 P(K) estimated by FV2: 9.747% (simulation time = 80.0)
 True P(K): 1.587%
 Running simulation for nparticles=378 on 10 replications (6 of 7)...
 Replication 1 of 10... execution time: 52.6 sec
 P(K) by MC: 1.368%, E(T) = 3.9 (simulation time = 30240.0)
 P(K) estimated by FV1: 1.545% (simulation time = 80.0)
 P(K) estimated by FV2: 9.227% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 2 of 10... execution time: 52.7 sec
 P(K) by MC: 1.601%, E(T) = 4.0 (simulation time = 30240.0)
 P(K) estimated by FV1: 1.422% (simulation time = 80.0)
 P(K) estimated by FV2: 7.952% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 3 of 10... execution time: 52.1 sec
 P(K) by MC: 1.430%, E(T) = 3.9 (simulation time = 30240.0)
 P(K) estimated by FV1: 1.362% (simulation time = 80.0)
 P(K) estimated by FV2: 11.237% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 4 of 10... execution time: 52.6 sec
 P(K) by MC: 1.561%, E(T) = 3.8 (simulation time = 30240.0)
 P(K) estimated by FV1: 1.444% (simulation time = 80.0)
 P(K) estimated by FV2: 9.493% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 5 of 10... execution time: 52.7 sec
 P(K) by MC: 1.465%, E(T) = 3.9 (simulation time = 30240.0)
 P(K) estimated by FV1: 1.410% (simulation time = 80.0)
 P(K) estimated by FV2: 8.689% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 6 of 10... execution time: 52.5 sec
 P(K) by MC: 1.793%, E(T) = 4.0 (simulation time = 30240.0)
 P(K) estimated by FV1: 1.580% (simulation time = 80.0)
 P(K) estimated by FV2: 10.437% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 52.9 sec
 P(K) by MC: 1.428%, E(T) = 3.9 (simulation time = 30240.0)
 P(K) estimated by FV1: 1.347% (simulation time = 80.0)
 P(K) estimated by FV2: 11.335% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 52.8 sec
 P(K) by MC: 1.540%, E(T) = 4.0 (simulation time = 30240.0)
 P(K) estimated by FV1: 1.537% (simulation time = 80.0)
 P(K) estimated by FV2: 7.914% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 52.6 sec
 P(K) by MC: 1.643%, E(T) = 4.0 (simulation time = 30240.0)
 P(K) estimated by FV1: 1.625% (simulation time = 80.0)
 P(K) estimated by FV2: 9.678% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 52.2 sec
 P(K) by MC: 1.594%, E(T) = 4.0 (simulation time = 30240.0)
 P(K) estimated by FV1: 1.774% (simulation time = 80.0)
 P(K) estimated by FV2: 10.244% (simulation time = 80.0)
 True P(K): 1.587%
 Running simulation for nparticles=567 on 10 replications (7 of 7)...
 Replication 1 of 10... execution time: 86.6 sec
 P(K) by MC: 1.493%, E(T) = 3.9 (simulation time = 45360.0)
 P(K) estimated by FV1: 1.590% (simulation time = 80.0)
 P(K) estimated by FV2: 9.555% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 2 of 10... execution time: 88.5 sec
 P(K) by MC: 1.642%, E(T) = 4.0 (simulation time = 45360.0)
 P(K) estimated by FV1: 1.588% (simulation time = 80.0)
 P(K) estimated by FV2: 8.307% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 3 of 10... execution time: 90.0 sec
 P(K) by MC: 1.386%, E(T) = 3.9 (simulation time = 45360.0)
 P(K) estimated by FV1: 1.115% (simulation time = 80.0)
 P(K) estimated by FV2: 10.985% (simulation time = 80.0)

True P(K): 1.587%
 Replication 4 of 10... execution time: 90.9 sec
 P(K) by MC: 1.620%, E(T) = 3.9 (simulation time = 45360.0)
 P(K) estimated by FV1: 1.474% (simulation time = 80.0)
 P(K) estimated by FV2: 10.695% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 5 of 10... execution time: 92.7 sec
 P(K) by MC: 1.506%, E(T) = 4.0 (simulation time = 45360.0)
 P(K) estimated by FV1: 1.427% (simulation time = 80.0)
 P(K) estimated by FV2: 9.147% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 6 of 10... execution time: 102.1 sec
 P(K) by MC: 1.678%, E(T) = 4.0 (simulation time = 45360.0)
 P(K) estimated by FV1: 1.772% (simulation time = 80.0)
 P(K) estimated by FV2: 9.841% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 88.3 sec
 P(K) by MC: 1.439%, E(T) = 3.9 (simulation time = 45360.0)
 P(K) estimated by FV1: 1.672% (simulation time = 80.0)
 P(K) estimated by FV2: 11.787% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 87.5 sec
 P(K) by MC: 1.536%, E(T) = 4.0 (simulation time = 45360.0)
 P(K) estimated by FV1: 1.523% (simulation time = 80.0)
 P(K) estimated by FV2: 10.964% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 87.4 sec
 P(K) by MC: 1.529%, E(T) = 4.0 (simulation time = 45360.0)
 P(K) estimated by FV1: 1.320% (simulation time = 80.0)
 P(K) estimated by FV2: 9.494% (simulation time = 80.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 86.5 sec
 P(K) by MC: 1.604%, E(T) = 3.9 (simulation time = 45360.0)
 P(K) estimated by FV1: 1.800% (simulation time = 80.0)
 P(K) estimated by FV2: 10.511% (simulation time = 80.0)
 True P(K): 1.587%

Total execution time: 38.2 min

Simulation results for $c=1$, $K=5$, $\rho_{hos}=[0.5]$, ($50 \leq N \leq 600$), $T \leq 80$

Raw results by N:

	N	replication	Pr(MC)	Time(MC)	E(T)	Pr(FV)	Time(FV)	\
1	50	1	0.012870	4000.0	4.046918	0.018740	80.0	
1	50	2	0.016128	4000.0	3.838271	0.005210	80.0	
1	50	3	0.009097	4000.0	3.787269	0.015446	80.0	
1	50	4	0.014204	4000.0	3.803800	0.016461	80.0	
1	50	5	0.015904	4000.0	4.006969	0.019064	80.0	
1	50	6	0.016762	4000.0	3.948071	0.006265	80.0	
1	50	7	0.012155	4000.0	3.778218	0.012833	80.0	
1	50	8	0.016594	4000.0	4.019091	0.019265	80.0	
1	50	9	0.017285	4000.0	3.943773	0.011769	80.0	
1	50	10	0.014007	4000.0	3.860534	0.011993	80.0	
2	75	1	0.013670	6000.0	3.965901	0.008751	80.0	
2	75	2	0.013263	6000.0	3.878433	0.013600	80.0	
2	75	3	0.009405	6000.0	3.793636	0.014737	80.0	
2	75	4	0.014690	6000.0	3.875500	0.015329	80.0	
2	75	5	0.016115	6000.0	3.933096	0.018283	80.0	
2	75	6	0.015649	6000.0	3.942918	0.016595	80.0	
2	75	7	0.012074	6000.0	3.821093	0.020779	80.0	
2	75	8	0.014186	6000.0	3.943281	0.018728	80.0	
2	75	9	0.016602	6000.0	3.953442	0.010345	80.0	
2	75	10	0.014557	6000.0	3.800367	0.009763	80.0	
3	112	1	0.013818	8960.0	3.984430	0.009761	80.0	
3	112	2	0.013248	8960.0	3.887425	0.012976	80.0	
3	112	3	0.011739	8960.0	3.781130	0.010970	80.0	
3	112	4	0.015835	8960.0	3.914584	0.014940	80.0	
3	112	5	0.012863	8960.0	3.815098	0.015420	80.0	
3	112	6	0.017140	8960.0	3.986885	0.015049	80.0	
3	112	7	0.012620	8960.0	3.871696	0.015610	80.0	
3	112	8	0.011969	8960.0	3.890249	0.015790	80.0	
3	112	9	0.015085	8960.0	3.946028	0.012710	80.0	
3	112	10	0.014040	8960.0	3.855107	0.015441	80.0	
...	
5	252	1	0.013136	20160.0	3.932771	0.017372	80.0	
5	252	2	0.014878	20160.0	3.913739	0.013043	80.0	

5	252	3	0.012894	20160.0	3.867860	0.011415	80.0
5	252	4	0.017237	20160.0	3.859812	0.014915	80.0
5	252	5	0.015021	20160.0	3.901672	0.014582	80.0
5	252	6	0.016795	20160.0	3.960127	0.014353	80.0
5	252	7	0.014970	20160.0	3.920245	0.012863	80.0
5	252	8	0.014794	20160.0	3.958116	0.014691	80.0
5	252	9	0.015548	20160.0	3.979948	0.016097	80.0
5	252	10	0.014811	20160.0	3.948364	0.015502	80.0
6	378	1	0.013676	30240.0	3.901187	0.015455	80.0
6	378	2	0.016013	30240.0	3.965397	0.014225	80.0
6	378	3	0.014297	30240.0	3.900961	0.013619	80.0
6	378	4	0.015614	30240.0	3.818779	0.014440	80.0
6	378	5	0.014648	30240.0	3.946627	0.014099	80.0
6	378	6	0.017927	30240.0	3.964996	0.015799	80.0
6	378	7	0.014284	30240.0	3.890846	0.013465	80.0
6	378	8	0.015400	30240.0	3.962626	0.015375	80.0
6	378	9	0.016435	30240.0	3.964274	0.016248	80.0
6	378	10	0.015937	30240.0	3.953362	0.017741	80.0
7	567	1	0.014928	45360.0	3.902805	0.015903	80.0
7	567	2	0.016415	45360.0	3.951382	0.015881	80.0
7	567	3	0.013856	45360.0	3.899172	0.011146	80.0
7	567	4	0.016204	45360.0	3.886217	0.014744	80.0
7	567	5	0.015061	45360.0	3.970153	0.014271	80.0
7	567	6	0.016780	45360.0	3.953459	0.017717	80.0
7	567	7	0.014389	45360.0	3.882779	0.016725	80.0
7	567	8	0.015362	45360.0	3.962866	0.015235	80.0
7	567	9	0.015295	45360.0	3.952216	0.013202	80.0
7	567	10	0.016041	45360.0	3.925908	0.017998	80.0

	Pr(K)	exec_time(s)
1	0.015873	5.966605
1	0.015873	6.628229
1	0.015873	9.510593
1	0.015873	7.732404
1	0.015873	8.688508
1	0.015873	7.794916
1	0.015873	7.893648
1	0.015873	7.799339
1	0.015873	7.860861
1	0.015873	7.364003
2	0.015873	13.278121
2	0.015873	9.650372
2	0.015873	9.027914
2	0.015873	9.347129
2	0.015873	9.191209
2	0.015873	8.897874
2	0.015873	8.979805
2	0.015873	9.054507
2	0.015873	8.874499
2	0.015873	9.140111
3	0.015873	13.644049
3	0.015873	13.480419
3	0.015873	13.608429
3	0.015873	13.665096
3	0.015873	13.813399
3	0.015873	13.869321
3	0.015873	13.682761
3	0.015873	13.749272
3	0.015873	13.855957
3	0.015873	14.092357
..
5	0.015873	32.995537
5	0.015873	33.921000
5	0.015873	33.990531
5	0.015873	33.948567
5	0.015873	34.205180
5	0.015873	33.335808
5	0.015873	33.428291
5	0.015873	33.549204
5	0.015873	33.019703
5	0.015873	32.646447
6	0.015873	52.634808
6	0.015873	52.705606

6	0.015873	52.131079
6	0.015873	52.631613
6	0.015873	52.683073
6	0.015873	52.484020
6	0.015873	52.899533
6	0.015873	52.776312
6	0.015873	52.592490
6	0.015873	52.166159
7	0.015873	86.621228
7	0.015873	88.512695
7	0.015873	90.027299
7	0.015873	90.860200
7	0.015873	92.685817
7	0.015873	102.146081
7	0.015873	88.332134
7	0.015873	87.470970
7	0.015873	87.368608
7	0.015873	86.462898

[70 rows x 9 columns]

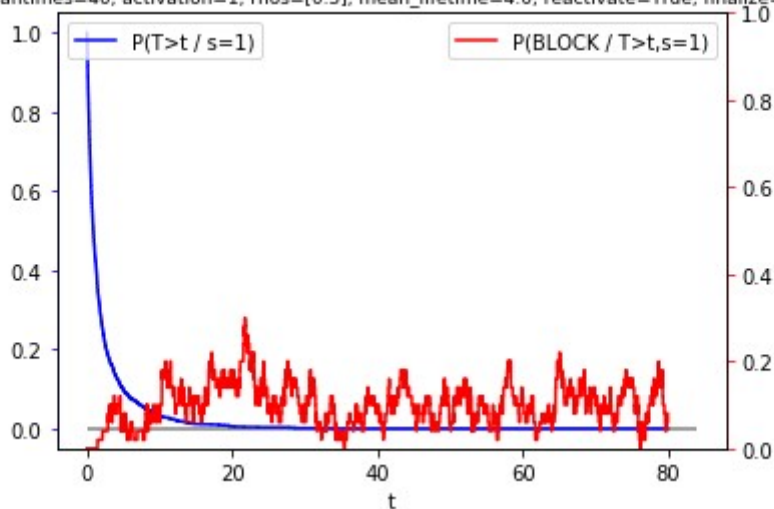
Aggregated results by N:

N	n		mean		std		min	
	Pr(MC)	Pr(FV)	Pr(MC)	Pr(FV)	Pr(MC)	Pr(FV)	Pr(MC)	Pr(FV)
50	10	10	0.014501	0.013705	0.002572	0.005062	0.009097	0.005210
75	10	10	0.014021	0.014691	0.002115	0.004082	0.009405	0.008751
112	10	10	0.013836	0.013867	0.001737	0.002149	0.011739	0.009761
168	10	10	0.014645	0.017135	0.001647	0.004536	0.012180	0.011770
252	10	10	0.015008	0.014483	0.001355	0.001711	0.012894	0.011415
378	10	10	0.015423	0.015047	0.001254	0.001334	0.013676	0.013465
567	10	10	0.015433	0.015282	0.000927	0.002078	0.013856	0.011146

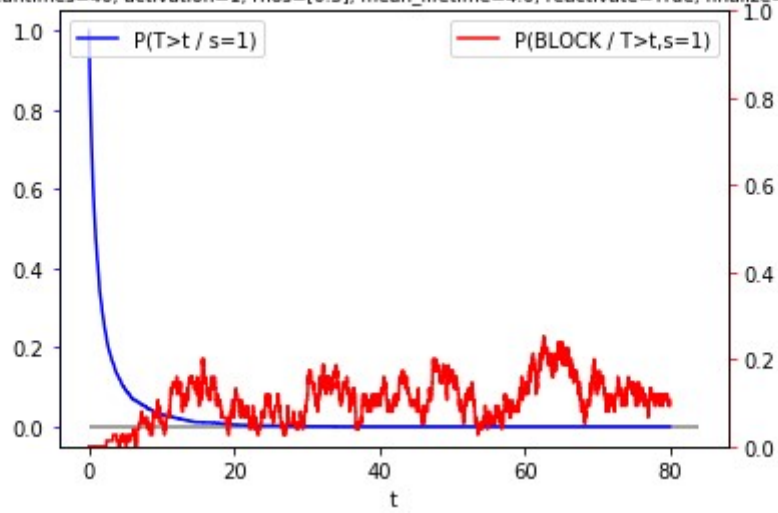
N	max		SE	
	Pr(MC)	Pr(FV)	Pr(MC)	Pr(FV)
50	0.017285	0.019265	0.000813	0.001601
75	0.016602	0.020779	0.000669	0.001291
112	0.017140	0.015790	0.000549	0.000680
168	0.017285	0.025278	0.000521	0.001434
252	0.017237	0.017372	0.000429	0.000541
378	0.017927	0.017741	0.000397	0.000422
567	0.016780	0.017998	0.000293	0.000657

C:\ProgramData\Anaconda\Anaconda3\lib\site-packages\pandas\core\groupby.py:4291: FutureWarning: using a dict with renaming is deprecated and will be removed in a future version
return super(DataFrameGroupBy, self).aggregate(arg, *args, **kwargs)

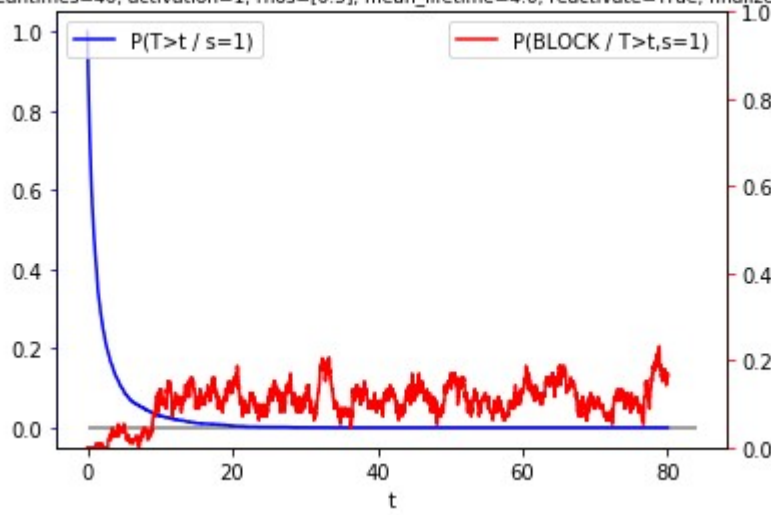
K=5, N=50, nmeantimes=40, activation=1, rhos=[0.5], mean_lifetime=4.0, reactivate=True, finalize=ABS, seed=1717



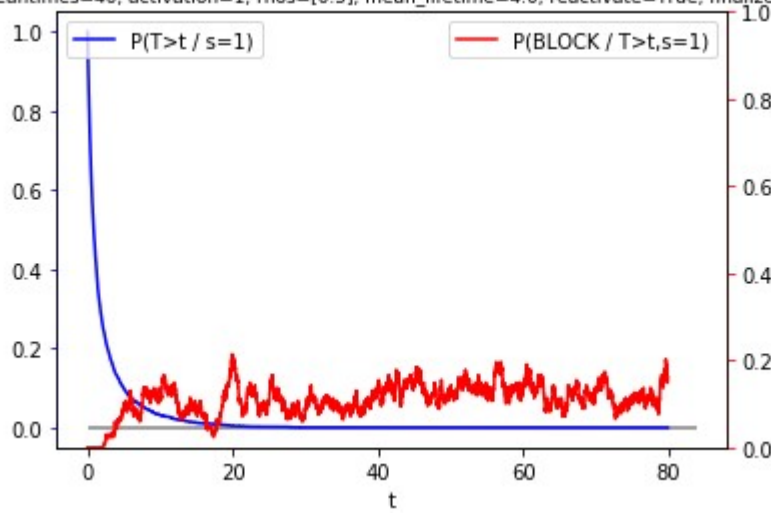
K=5, N=75, nmeantimes=40, activation=1, rhos=[0.5], mean_lifetime=4.0, reactivate=True, finalize=ABS, seed=1717



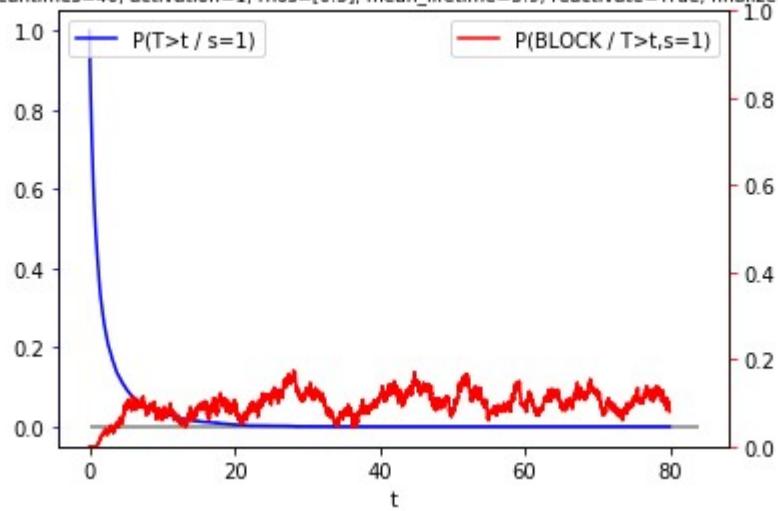
K=5, N=112, nmeantimes=40, activation=1, rhos=[0.5], mean_lifetime=4.0, reactivate=True, finalize=ABS, seed=1717



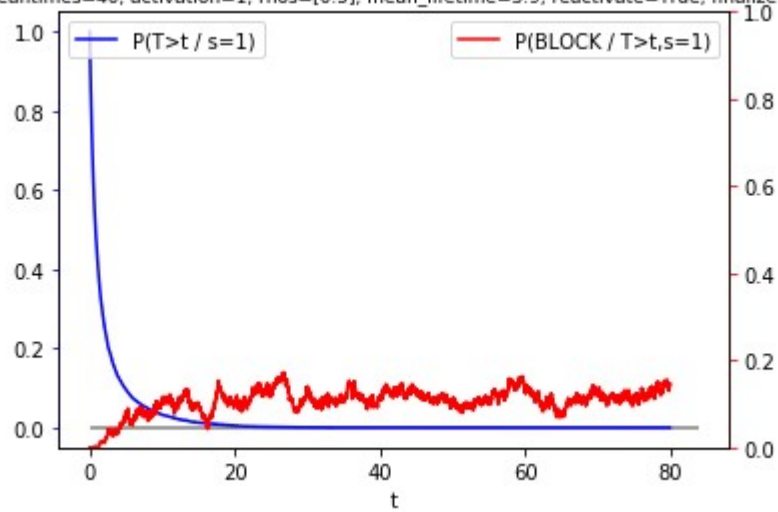
K=5, N=168, nmeantimes=40, activation=1, rhos=[0.5], mean_lifetime=4.0, reactivate=True, finalize=ABS, seed=1717



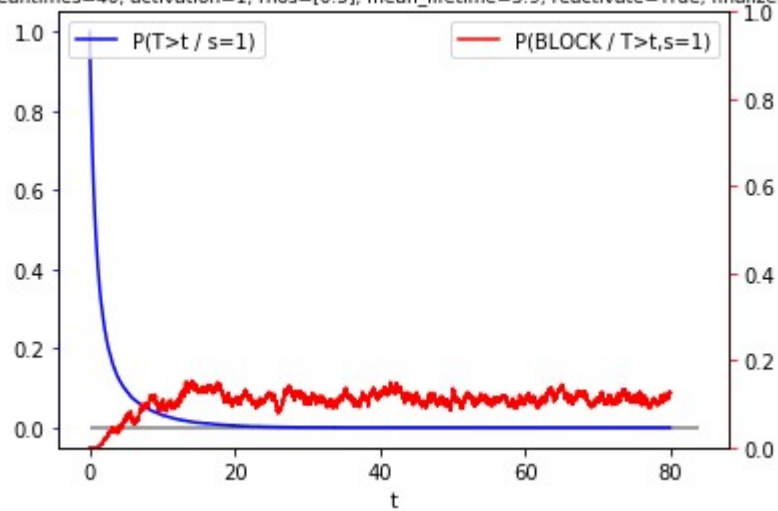
K=5, N=252, nmeantimes=40, activation=1, rhos=[0.5], mean_lifetime=3.9, reactivate=True, finalize=ABS, seed=1717



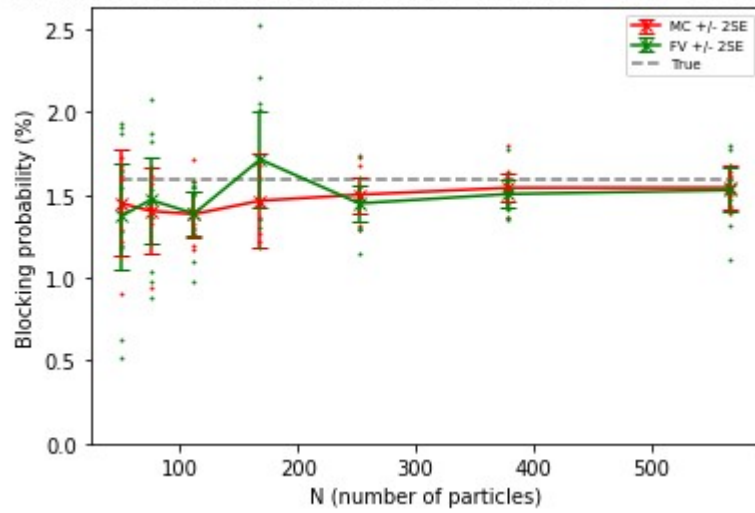
K=5, N=378, nmeantimes=40, activation=1, rhos=[0.5], mean_lifetime=3.9, reactivate=True, finalize=ABS, seed=1717



K=5, N=567, nmeantimes=40, activation=1, rhos=[0.5], mean_lifetime=3.9, reactivate=True, finalize=ABS, seed=1717



Simulation results for $c=1$, $K=5$, $\rho_{\text{hos}}=[0.5]$, ($50 \leq N \leq 600$), $T \leq 80$



In [746]: