

P(K) estimated by FV2: 10.744% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 4.4 sec
 P(K) by MC: 1.067%, E(T) = 3.8 (simulation time = 3000.0)
 P(K) estimated by FV1: 1.339% (simulation time = 60.0)
 P(K) estimated by FV2: 12.003% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 4.4 sec
 P(K) by MC: 1.390%, E(T) = 4.0 (simulation time = 3000.0)
 P(K) estimated by FV1: 1.780% (simulation time = 60.0)
 P(K) estimated by FV2: 8.927% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 4.6 sec
 P(K) by MC: 1.778%, E(T) = 4.0 (simulation time = 3000.0)
 P(K) estimated by FV1: 1.287% (simulation time = 60.0)
 P(K) estimated by FV2: 12.161% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 4.7 sec
 P(K) by MC: 1.755%, E(T) = 3.8 (simulation time = 3000.0)
 P(K) estimated by FV1: 1.317% (simulation time = 60.0)
 P(K) estimated by FV2: 9.828% (simulation time = 60.0)
 True P(K): 1.587%
 Running simulation for nparticles=75 on 10 replications (2 of 7)...
 Replication 1 of 10... execution time: 6.8 sec
 P(K) by MC: 1.236%, E(T) = 4.0 (simulation time = 4500.0)
 P(K) estimated by FV1: 0.863% (simulation time = 60.0)
 P(K) estimated by FV2: 7.271% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 2 of 10... execution time: 6.8 sec
 P(K) by MC: 1.434%, E(T) = 3.8 (simulation time = 4500.0)
 P(K) estimated by FV1: 1.198% (simulation time = 60.0)
 P(K) estimated by FV2: 8.953% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 3 of 10... execution time: 6.8 sec
 P(K) by MC: 0.973%, E(T) = 3.8 (simulation time = 4500.0)
 P(K) estimated by FV1: 1.490% (simulation time = 60.0)
 P(K) estimated by FV2: 7.679% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 4 of 10... execution time: 6.9 sec
 P(K) by MC: 1.452%, E(T) = 3.8 (simulation time = 4500.0)
 P(K) estimated by FV1: 1.427% (simulation time = 60.0)
 P(K) estimated by FV2: 10.647% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 5 of 10... execution time: 6.9 sec
 P(K) by MC: 1.694%, E(T) = 4.0 (simulation time = 4500.0)
 P(K) estimated by FV1: 1.912% (simulation time = 60.0)
 P(K) estimated by FV2: 9.411% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 6 of 10... execution time: 6.8 sec
 P(K) by MC: 1.611%, E(T) = 3.9 (simulation time = 4500.0)
 P(K) estimated by FV1: 1.643% (simulation time = 60.0)
 P(K) estimated by FV2: 9.978% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 6.8 sec
 P(K) by MC: 1.145%, E(T) = 3.8 (simulation time = 4500.0)
 P(K) estimated by FV1: 1.965% (simulation time = 60.0)
 P(K) estimated by FV2: 9.757% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 7.0 sec
 P(K) by MC: 1.554%, E(T) = 4.0 (simulation time = 4500.0)
 P(K) estimated by FV1: 1.801% (simulation time = 60.0)
 P(K) estimated by FV2: 7.471% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 8.1 sec
 P(K) by MC: 1.786%, E(T) = 4.0 (simulation time = 4500.0)
 P(K) estimated by FV1: 1.077% (simulation time = 60.0)
 P(K) estimated by FV2: 8.981% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 7.9 sec
 P(K) by MC: 1.507%, E(T) = 3.8 (simulation time = 4500.0)
 P(K) estimated by FV1: 1.010% (simulation time = 60.0)
 P(K) estimated by FV2: 7.378% (simulation time = 60.0)
 True P(K): 1.587%

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

Replication 1 of 10... execution time: 10.6 sec
P(K) by MC: 1.336%, E(T) = 3.9 (simulation time = 6720.0)
P(K) estimated by FV1: 0.965% (simulation time = 60.0)
P(K) estimated by FV2: 8.635% (simulation time = 60.0)
True P(K): 1.587%

Replication 2 of 10... execution time: 10.5 sec
P(K) by MC: 1.462%, E(T) = 3.9 (simulation time = 6720.0)
P(K) estimated by FV1: 1.300% (simulation time = 60.0)
P(K) estimated by FV2: 8.481% (simulation time = 60.0)
True P(K): 1.587%

Replication 3 of 10... execution time: 10.4 sec
P(K) by MC: 0.937%, E(T) = 3.8 (simulation time = 6720.0)
P(K) estimated by FV1: 1.072% (simulation time = 60.0)
P(K) estimated by FV2: 8.045% (simulation time = 60.0)
True P(K): 1.587%

Replication 4 of 10... execution time: 14.3 sec
P(K) by MC: 1.476%, E(T) = 3.9 (simulation time = 6720.0)
P(K) estimated by FV1: 1.485% (simulation time = 60.0)
P(K) estimated by FV2: 10.617% (simulation time = 60.0)
True P(K): 1.587%

Replication 5 of 10... execution time: 10.8 sec
P(K) by MC: 1.510%, E(T) = 3.9 (simulation time = 6720.0)
P(K) estimated by FV1: 1.628% (simulation time = 60.0)
P(K) estimated by FV2: 7.262% (simulation time = 60.0)
True P(K): 1.587%

Replication 6 of 10... execution time: 10.6 sec
P(K) by MC: 1.707%, E(T) = 3.9 (simulation time = 6720.0)
P(K) estimated by FV1: 1.452% (simulation time = 60.0)
P(K) estimated by FV2: 12.157% (simulation time = 60.0)
True P(K): 1.587%

Replication 7 of 10... execution time: 10.4 sec
P(K) by MC: 1.219%, E(T) = 3.8 (simulation time = 6720.0)
P(K) estimated by FV1: 1.414% (simulation time = 60.0)
P(K) estimated by FV2: 10.327% (simulation time = 60.0)
True P(K): 1.587%

Replication 8 of 10... execution time: 12.2 sec
P(K) by MC: 1.310%, E(T) = 3.9 (simulation time = 6720.0)
P(K) estimated by FV1: 1.648% (simulation time = 60.0)
P(K) estimated by FV2: 8.315% (simulation time = 60.0)
True P(K): 1.587%

Replication 9 of 10... execution time: 10.5 sec
P(K) by MC: 1.679%, E(T) = 4.0 (simulation time = 6720.0)
P(K) estimated by FV1: 1.293% (simulation time = 60.0)
P(K) estimated by FV2: 7.939% (simulation time = 60.0)
True P(K): 1.587%

Replication 10 of 10... execution time: 10.3 sec
P(K) by MC: 1.378%, E(T) = 3.9 (simulation time = 6720.0)
P(K) estimated by FV1: 1.557% (simulation time = 60.0)
P(K) estimated by FV2: 8.296% (simulation time = 60.0)
True P(K): 1.587%

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

Replication 1 of 10... execution time: 15.6 sec
P(K) by MC: 1.341%, E(T) = 4.0 (simulation time = 10080.0)
P(K) estimated by FV1: 1.595% (simulation time = 60.0)
P(K) estimated by FV2: 8.726% (simulation time = 60.0)
True P(K): 1.587%

Replication 2 of 10... execution time: 21.7 sec
P(K) by MC: 1.405%, E(T) = 3.9 (simulation time = 10080.0)
P(K) estimated by FV1: 1.400% (simulation time = 60.0)
P(K) estimated by FV2: 9.652% (simulation time = 60.0)
True P(K): 1.587%

Replication 3 of 10... execution time: 18.3 sec
P(K) by MC: 1.146%, E(T) = 3.8 (simulation time = 10080.0)
P(K) estimated by FV1: 1.138% (simulation time = 60.0)
P(K) estimated by FV2: 7.618% (simulation time = 60.0)
True P(K): 1.587%

Replication 4 of 10... execution time: 16.4 sec
P(K) by MC: 1.657%, E(T) = 3.9 (simulation time = 10080.0)
P(K) estimated by FV1: 1.458% (simulation time = 60.0)
P(K) estimated by FV2: 8.789% (simulation time = 60.0)
True P(K): 1.587%

Replication 5 of 10... execution time: 16.4 sec

P(K) by MC: 1.297%, E(T) = 3.8 (simulation time = 10080.0)
 P(K) estimated by FV1: 1.271% (simulation time = 60.0)
 P(K) estimated by FV2: 8.603% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 6 of 10... execution time: 16.1 sec
 P(K) by MC: 1.701%, E(T) = 4.0 (simulation time = 10080.0)
 P(K) estimated by FV1: 2.047% (simulation time = 60.0)
 P(K) estimated by FV2: 11.518% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 21.0 sec
 P(K) by MC: 1.308%, E(T) = 3.9 (simulation time = 10080.0)
 P(K) estimated by FV1: 1.337% (simulation time = 60.0)
 P(K) estimated by FV2: 9.908% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 19.5 sec
 P(K) by MC: 1.383%, E(T) = 3.9 (simulation time = 10080.0)
 P(K) estimated by FV1: 2.537% (simulation time = 60.0)
 P(K) estimated by FV2: 8.798% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 19.0 sec
 P(K) by MC: 1.444%, E(T) = 3.9 (simulation time = 10080.0)
 P(K) estimated by FV1: 2.038% (simulation time = 60.0)
 P(K) estimated by FV2: 12.217% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 17.1 sec
 P(K) by MC: 1.445%, E(T) = 3.8 (simulation time = 10080.0)
 P(K) estimated by FV1: 2.025% (simulation time = 60.0)
 P(K) estimated by FV2: 11.323% (simulation time = 60.0)
 True P(K): 1.587%
 Running simulation for nparticles=252 on 10 replications (5 of 7)...
 Replication 1 of 10... execution time: 25.4 sec
 P(K) by MC: 1.313%, E(T) = 3.9 (simulation time = 15120.0)
 P(K) estimated by FV1: 1.704% (simulation time = 60.0)
 P(K) estimated by FV2: 7.257% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 2 of 10... execution time: 24.8 sec
 P(K) by MC: 1.436%, E(T) = 3.9 (simulation time = 15120.0)
 P(K) estimated by FV1: 1.326% (simulation time = 60.0)
 P(K) estimated by FV2: 7.960% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 3 of 10... execution time: 24.9 sec
 P(K) by MC: 1.264%, E(T) = 3.8 (simulation time = 15120.0)
 P(K) estimated by FV1: 1.081% (simulation time = 60.0)
 P(K) estimated by FV2: 10.983% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 4 of 10... execution time: 24.8 sec
 P(K) by MC: 1.669%, E(T) = 3.9 (simulation time = 15120.0)
 P(K) estimated by FV1: 1.467% (simulation time = 60.0)
 P(K) estimated by FV2: 8.743% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 5 of 10... execution time: 25.1 sec
 P(K) by MC: 1.441%, E(T) = 3.9 (simulation time = 15120.0)
 P(K) estimated by FV1: 1.445% (simulation time = 60.0)
 P(K) estimated by FV2: 8.765% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 6 of 10... execution time: 25.3 sec
 P(K) by MC: 1.687%, E(T) = 4.0 (simulation time = 15120.0)
 P(K) estimated by FV1: 1.457% (simulation time = 60.0)
 P(K) estimated by FV2: 10.579% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 25.5 sec
 P(K) by MC: 1.437%, E(T) = 3.9 (simulation time = 15120.0)
 P(K) estimated by FV1: 1.209% (simulation time = 60.0)
 P(K) estimated by FV2: 8.558% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 24.7 sec
 P(K) by MC: 1.431%, E(T) = 3.9 (simulation time = 15120.0)
 P(K) estimated by FV1: 1.387% (simulation time = 60.0)
 P(K) estimated by FV2: 7.702% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 25.1 sec
 P(K) by MC: 1.567%, E(T) = 4.0 (simulation time = 15120.0)
 P(K) estimated by FV1: 1.547% (simulation time = 60.0)

P(K) estimated by FV2: 10.204% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 25.0 sec
 P(K) by MC: 1.451%, E(T) = 3.9 (simulation time = 15120.0)
 P(K) estimated by FV1: 1.560% (simulation time = 60.0)
 P(K) estimated by FV2: 9.915% (simulation time = 60.0)
 True P(K): 1.587%
 Running simulation for nparticles=378 on 10 replications (6 of 7)...
 Replication 1 of 10... execution time: 40.5 sec
 P(K) by MC: 1.393%, E(T) = 3.9 (simulation time = 22680.0)
 P(K) estimated by FV1: 1.564% (simulation time = 60.0)
 P(K) estimated by FV2: 7.722% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 2 of 10... execution time: 42.1 sec
 P(K) by MC: 1.497%, E(T) = 3.9 (simulation time = 22680.0)
 P(K) estimated by FV1: 1.378% (simulation time = 60.0)
 P(K) estimated by FV2: 7.712% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 3 of 10... execution time: 42.0 sec
 P(K) by MC: 1.282%, E(T) = 3.9 (simulation time = 22680.0)
 P(K) estimated by FV1: 1.364% (simulation time = 60.0)
 P(K) estimated by FV2: 11.187% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 4 of 10... execution time: 40.5 sec
 P(K) by MC: 1.704%, E(T) = 3.8 (simulation time = 22680.0)
 P(K) estimated by FV1: 1.445% (simulation time = 60.0)
 P(K) estimated by FV2: 8.664% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 5 of 10... execution time: 42.2 sec
 P(K) by MC: 1.534%, E(T) = 3.9 (simulation time = 22680.0)
 P(K) estimated by FV1: 1.439% (simulation time = 60.0)
 P(K) estimated by FV2: 8.095% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 6 of 10... execution time: 42.4 sec
 P(K) by MC: 1.785%, E(T) = 4.0 (simulation time = 22680.0)
 P(K) estimated by FV1: 1.573% (simulation time = 60.0)
 P(K) estimated by FV2: 9.764% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 42.9 sec
 P(K) by MC: 1.483%, E(T) = 3.9 (simulation time = 22680.0)
 P(K) estimated by FV1: 1.336% (simulation time = 60.0)
 P(K) estimated by FV2: 7.913% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 42.0 sec
 P(K) by MC: 1.406%, E(T) = 3.9 (simulation time = 22680.0)
 P(K) estimated by FV1: 1.531% (simulation time = 60.0)
 P(K) estimated by FV2: 7.126% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 41.7 sec
 P(K) by MC: 1.660%, E(T) = 4.0 (simulation time = 22680.0)
 P(K) estimated by FV1: 1.662% (simulation time = 60.0)
 P(K) estimated by FV2: 9.417% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 41.6 sec
 P(K) by MC: 1.506%, E(T) = 4.0 (simulation time = 22680.0)
 P(K) estimated by FV1: 1.747% (simulation time = 60.0)
 P(K) estimated by FV2: 8.927% (simulation time = 60.0)
 True P(K): 1.587%
 Running simulation for nparticles=567 on 10 replications (7 of 7)...
 Replication 1 of 10... execution time: 63.4 sec
 P(K) by MC: 1.399%, E(T) = 3.9 (simulation time = 34020.0)
 P(K) estimated by FV1: 1.605% (simulation time = 60.0)
 P(K) estimated by FV2: 9.420% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 2 of 10... execution time: 62.7 sec
 P(K) by MC: 1.607%, E(T) = 4.0 (simulation time = 34020.0)
 P(K) estimated by FV1: 1.588% (simulation time = 60.0)
 P(K) estimated by FV2: 7.925% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 3 of 10... execution time: 63.1 sec
 P(K) by MC: 1.416%, E(T) = 3.9 (simulation time = 34020.0)
 P(K) estimated by FV1: 1.162% (simulation time = 60.0)
 P(K) estimated by FV2: 10.158% (simulation time = 60.0)

True P(K): 1.587%
 Replication 4 of 10... execution time: 63.3 sec
 P(K) by MC: 1.570%, E(T) = 3.9 (simulation time = 34020.0)
 P(K) estimated by FV1: 1.441% (simulation time = 60.0)
 P(K) estimated by FV2: 7.902% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 5 of 10... execution time: 62.2 sec
 P(K) by MC: 1.513%, E(T) = 4.0 (simulation time = 34020.0)
 P(K) estimated by FV1: 1.446% (simulation time = 60.0)
 P(K) estimated by FV2: 8.232% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 6 of 10... execution time: 62.2 sec
 P(K) by MC: 1.757%, E(T) = 4.0 (simulation time = 34020.0)
 P(K) estimated by FV1: 1.806% (simulation time = 60.0)
 P(K) estimated by FV2: 9.355% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 7 of 10... execution time: 65.9 sec
 P(K) by MC: 1.470%, E(T) = 3.9 (simulation time = 34020.0)
 P(K) estimated by FV1: 1.702% (simulation time = 60.0)
 P(K) estimated by FV2: 11.809% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 8 of 10... execution time: 61.0 sec
 P(K) by MC: 1.569%, E(T) = 4.0 (simulation time = 34020.0)
 P(K) estimated by FV1: 1.547% (simulation time = 60.0)
 P(K) estimated by FV2: 9.312% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 9 of 10... execution time: 61.6 sec
 P(K) by MC: 1.598%, E(T) = 4.0 (simulation time = 34020.0)
 P(K) estimated by FV1: 1.354% (simulation time = 60.0)
 P(K) estimated by FV2: 9.102% (simulation time = 60.0)
 True P(K): 1.587%
 Replication 10 of 10... execution time: 61.3 sec
 P(K) by MC: 1.596%, E(T) = 4.0 (simulation time = 34020.0)
 P(K) estimated by FV1: 1.846% (simulation time = 60.0)
 P(K) estimated by FV2: 9.524% (simulation time = 60.0)
 True P(K): 1.587%

Total execution time: 28.4 min

Simulation results for $c=1$, $K=5$, $\rho_{hos}=[0.5]$, ($50 \leq N \leq 600$), $T \leq 60$

Raw results by N:

	N	replication	Pr(MC)	Time(MC)	E(T)	Pr(FV)	Time(FV)	\
1	50	1	0.011218	3000.0	4.122465	0.016634	60.0	
1	50	2	0.015784	3000.0	3.777435	0.004854	60.0	
1	50	3	0.009346	3000.0	3.710318	0.015700	60.0	
1	50	4	0.013511	3000.0	3.753410	0.015648	60.0	
1	50	5	0.016546	3000.0	4.126245	0.020525	60.0	
1	50	6	0.016890	3000.0	3.860872	0.006578	60.0	
1	50	7	0.010672	3000.0	3.804824	0.013392	60.0	
1	50	8	0.013897	3000.0	3.981415	0.017800	60.0	
1	50	9	0.017780	3000.0	4.030907	0.012874	60.0	
1	50	10	0.017554	3000.0	3.840125	0.013168	60.0	
2	75	1	0.012358	4500.0	3.963080	0.008625	60.0	
2	75	2	0.014336	4500.0	3.826213	0.011981	60.0	
2	75	3	0.009729	4500.0	3.772675	0.014898	60.0	
2	75	4	0.014520	4500.0	3.772658	0.014270	60.0	
2	75	5	0.016942	4500.0	3.977085	0.019121	60.0	
2	75	6	0.016109	4500.0	3.900881	0.016430	60.0	
2	75	7	0.011455	4500.0	3.792491	0.019647	60.0	
2	75	8	0.015542	4500.0	3.984663	0.018010	60.0	
2	75	9	0.017862	4500.0	3.963502	0.010766	60.0	
2	75	10	0.015069	4500.0	3.842844	0.010097	60.0	
3	112	1	0.013360	6720.0	3.942869	0.009647	60.0	
3	112	2	0.014619	6720.0	3.855702	0.012996	60.0	
3	112	3	0.009368	6720.0	3.785046	0.010718	60.0	
3	112	4	0.014764	6720.0	3.882923	0.014850	60.0	
3	112	5	0.015103	6720.0	3.905775	0.016279	60.0	
3	112	6	0.017072	6720.0	3.949807	0.014518	60.0	
3	112	7	0.012185	6720.0	3.832336	0.014142	60.0	
3	112	8	0.013104	6720.0	3.921234	0.016479	60.0	
3	112	9	0.016790	6720.0	3.956799	0.012931	60.0	
3	112	10	0.013776	6720.0	3.850352	0.015569	60.0	
...	
5	252	1	0.013127	15120.0	3.934081	0.017044	60.0	
5	252	2	0.014359	15120.0	3.910375	0.013258	60.0	

5	252	3	0.012645	15120.0	3.840392	0.010809	60.0
5	252	4	0.016686	15120.0	3.883269	0.014667	60.0
5	252	5	0.014406	15120.0	3.893602	0.014447	60.0
5	252	6	0.016867	15120.0	3.976523	0.014567	60.0
5	252	7	0.014368	15120.0	3.883228	0.012085	60.0
5	252	8	0.014312	15120.0	3.945629	0.013868	60.0
5	252	9	0.015672	15120.0	3.999106	0.015470	60.0
5	252	10	0.014512	15120.0	3.924921	0.015595	60.0
6	378	1	0.013932	22680.0	3.914805	0.015638	60.0
6	378	2	0.014972	22680.0	3.928787	0.013780	60.0
6	378	3	0.012815	22680.0	3.869138	0.013641	60.0
6	378	4	0.017039	22680.0	3.849544	0.014446	60.0
6	378	5	0.015335	22680.0	3.920851	0.014388	60.0
6	378	6	0.017846	22680.0	3.973093	0.015735	60.0
6	378	7	0.014833	22680.0	3.904927	0.013359	60.0
6	378	8	0.014060	22680.0	3.937117	0.015312	60.0
6	378	9	0.016600	22680.0	3.953397	0.016617	60.0
6	378	10	0.015061	22680.0	3.969180	0.017466	60.0
7	567	1	0.013993	34020.0	3.905719	0.016047	60.0
7	567	2	0.016068	34020.0	3.975708	0.015881	60.0
7	567	3	0.014159	34020.0	3.907165	0.011618	60.0
7	567	4	0.015705	34020.0	3.861736	0.014414	60.0
7	567	5	0.015128	34020.0	3.968407	0.014459	60.0
7	567	6	0.017566	34020.0	3.962156	0.018064	60.0
7	567	7	0.014702	34020.0	3.892584	0.017019	60.0
7	567	8	0.015687	34020.0	3.974551	0.015468	60.0
7	567	9	0.015976	34020.0	3.953060	0.013538	60.0
7	567	10	0.015960	34020.0	3.953130	0.018459	60.0

	Pr(K)	exec_time(s)
1	0.015873	4.145559
1	0.015873	4.461130
1	0.015873	4.108945
1	0.015873	3.986185
1	0.015873	4.525816
1	0.015873	5.516466
1	0.015873	4.373779
1	0.015873	4.402265
1	0.015873	4.554611
1	0.015873	4.730575
2	0.015873	6.769545
2	0.015873	6.791185
2	0.015873	6.757180
2	0.015873	6.887155
2	0.015873	6.879680
2	0.015873	6.804875
2	0.015873	6.816798
2	0.015873	6.981898
2	0.015873	8.088407
2	0.015873	7.939564
3	0.015873	10.576127
3	0.015873	10.466537
3	0.015873	10.377736
3	0.015873	14.320078
3	0.015873	10.807827
3	0.015873	10.550781
3	0.015873	10.420855
3	0.015873	12.200759
3	0.015873	10.512665
3	0.015873	10.265348
..
5	0.015873	25.414492
5	0.015873	24.768867
5	0.015873	24.885362
5	0.015873	24.827613
5	0.015873	25.128887
5	0.015873	25.297740
5	0.015873	25.520926
5	0.015873	24.673974
5	0.015873	25.066616
5	0.015873	25.008021
6	0.015873	40.450258
6	0.015873	42.117941

```

6  0.015873    42.041925
6  0.015873    40.494621
6  0.015873    42.229553
6  0.015873    42.420447
6  0.015873    42.880655
6  0.015873    41.976975
6  0.015873    41.686583
6  0.015873    41.573974
7  0.015873    63.410331
7  0.015873    62.662361
7  0.015873    63.143291
7  0.015873    63.291442
7  0.015873    62.184646
7  0.015873    62.174612
7  0.015873    65.929987
7  0.015873    61.042919
7  0.015873    61.596026
7  0.015873    61.255913

```

[70 rows x 9 columns]

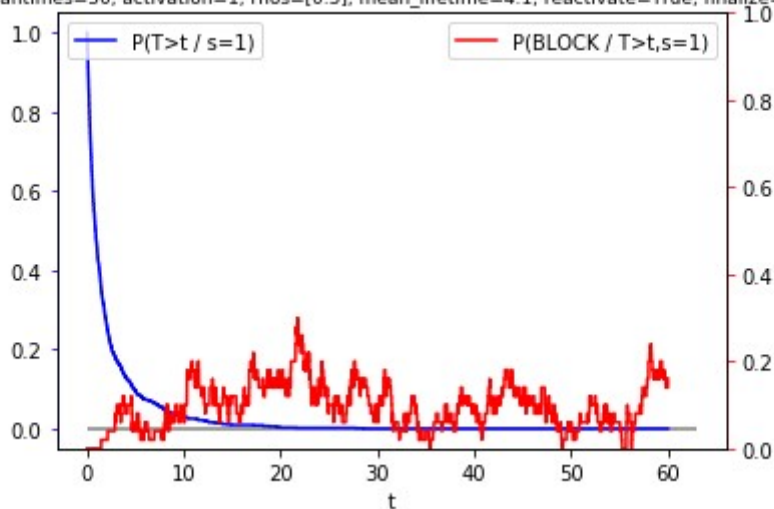
Aggregated results by N:

	n		mean		std		min		
	Pr(MC)	Pr(FV)	Pr(MC)	Pr(FV)	Pr(MC)	Pr(FV)	Pr(MC)	Pr(FV)	\
N									
50	10	10	0.014320	0.013717	0.003066	0.004828	0.009346	0.004854	
75	10	10	0.014392	0.014384	0.002534	0.003918	0.009729	0.008625	
112	10	10	0.014014	0.013813	0.002246	0.002269	0.009368	0.009647	
168	10	10	0.014129	0.016845	0.001656	0.004508	0.011458	0.011378	
252	10	10	0.014695	0.014181	0.001365	0.001796	0.012645	0.010809	
378	10	10	0.015249	0.015038	0.001533	0.001351	0.012815	0.013359	
567	10	10	0.015495	0.015497	0.001051	0.002089	0.013993	0.011618	

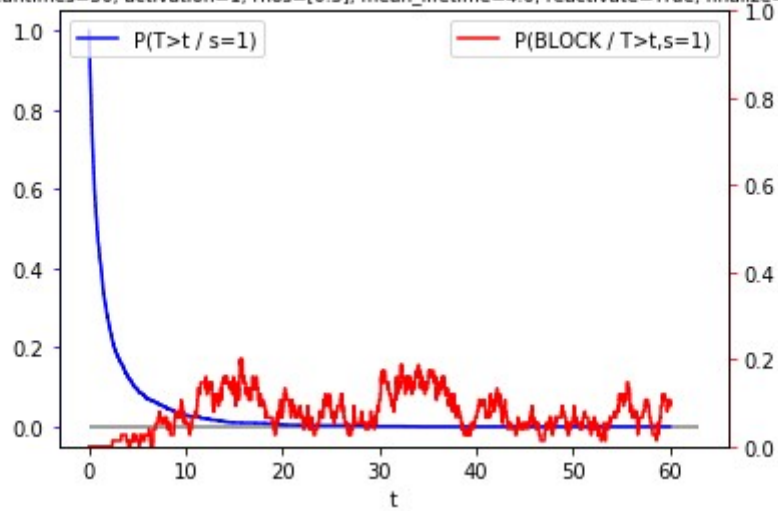
	max		SE	
	Pr(MC)	Pr(FV)	Pr(MC)	Pr(FV)
N				
50	0.017780	0.020525	0.000970	0.001527
75	0.017862	0.019647	0.000801	0.001239
112	0.017072	0.016479	0.000710	0.000717
168	0.017015	0.025368	0.000524	0.001426
252	0.016867	0.017044	0.000432	0.000568
378	0.017846	0.017466	0.000485	0.000427
567	0.017566	0.018459	0.000332	0.000661

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)

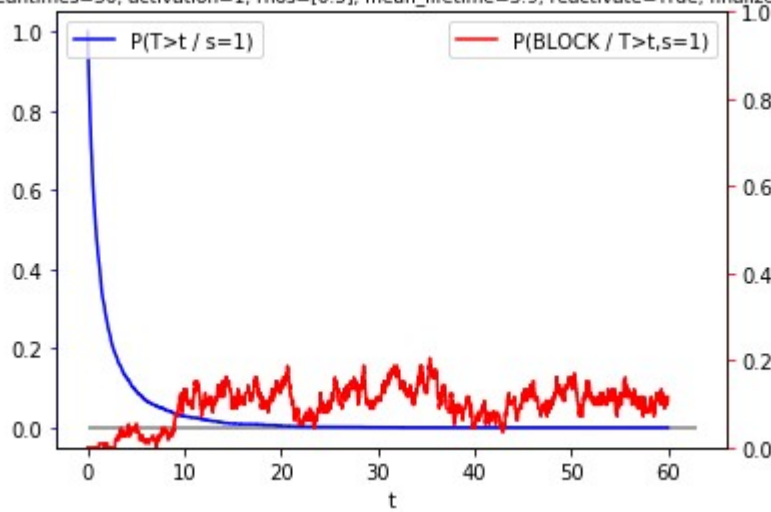
K=5, N=50, nmeantimes=30, activation=1, rhos=[0.5], mean_lifetime=4.1, reactivate=True, finalize=ABS, seed=1717



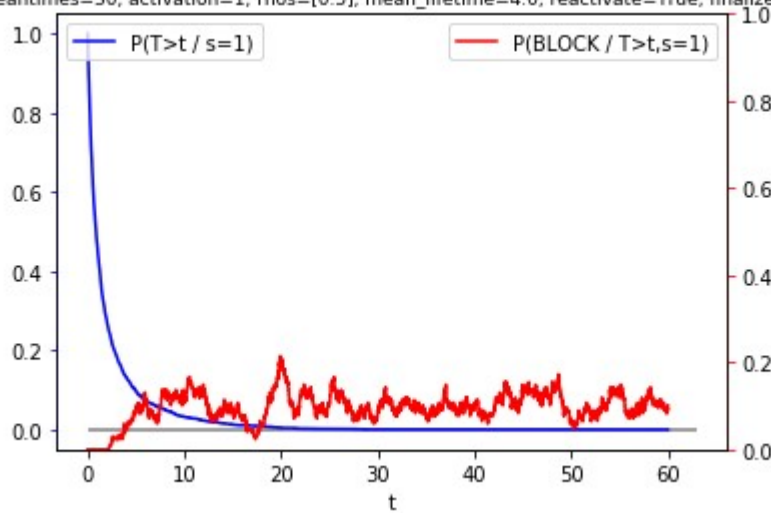
K=5, N=75, nmeantimes=30, activation=1, rhos=[0.5], mean_lifetime=4.0, reactivate=True, finalize=ABS, seed=1717



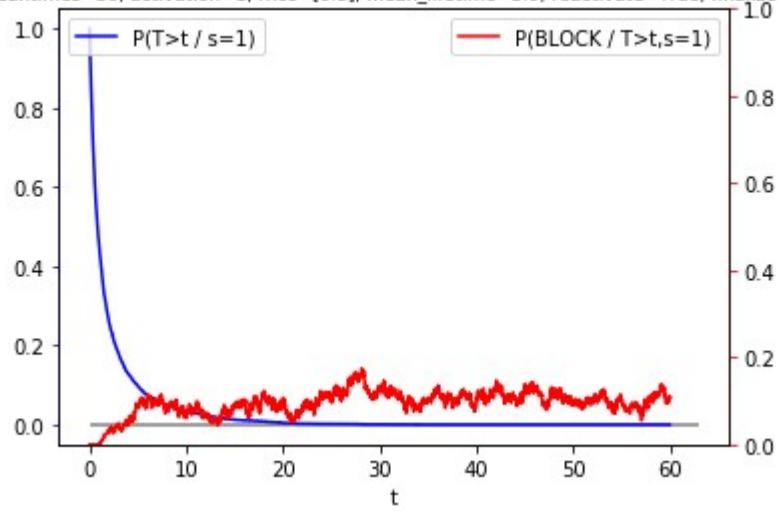
K=5, N=112, nmeantimes=30, activation=1, rhos=[0.5], mean_lifetime=3.9, reactivate=True, finalize=ABS, seed=1717



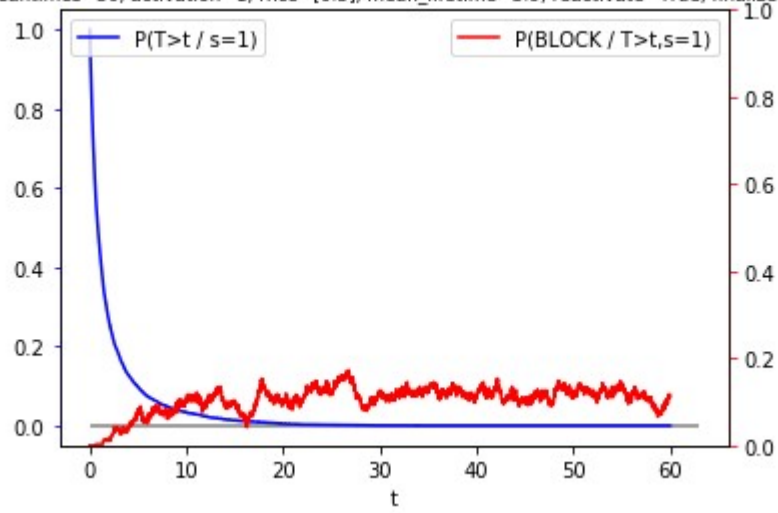
K=5, N=168, nmeantimes=30, activation=1, rhos=[0.5], mean_lifetime=4.0, reactivate=True, finalize=ABS, seed=1717



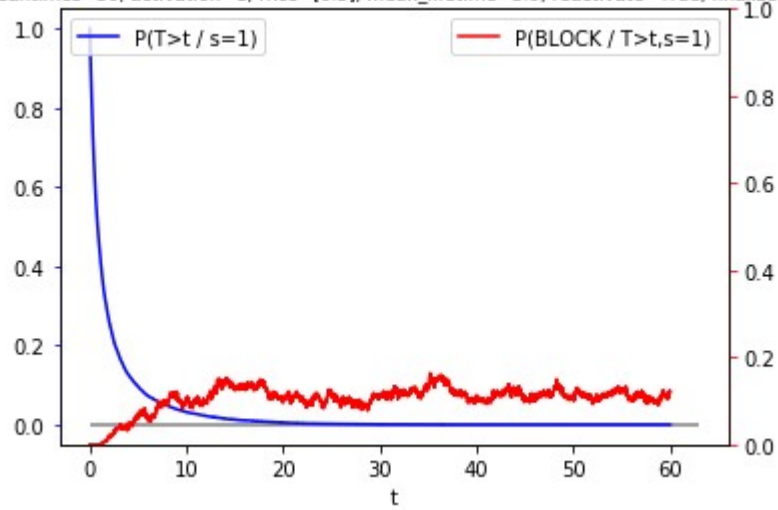
K=5, N=252, nmeantimes=30, activation=1, rhos=[0.5], mean_lifetime=3.9, reactivate=True, finalize=ABS, seed=1717



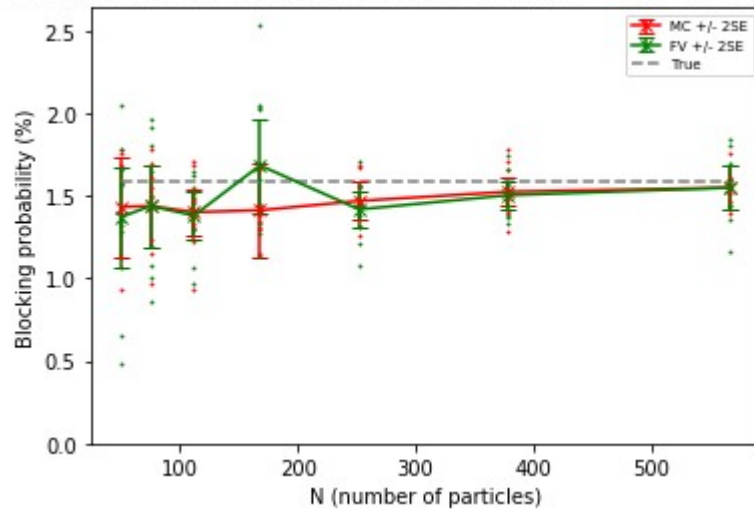
K=5, N=378, nmeantimes=30, activation=1, rhos=[0.5], mean_lifetime=3.9, reactivate=True, finalize=ABS, seed=1717



K=5, N=567, nmeantimes=30, activation=1, rhos=[0.5], mean_lifetime=3.9, reactivate=True, finalize=ABS, seed=1717



Simulation results for $c=1$, $K=5$, $\rho_{\text{hos}}=[0.5]$, ($50 \leq N \leq 600$), $T \leq 60$



In [745]: