```
        P(K) estimated by FV1: 1.429% (simulation time = 40.0)
        P(K) estimated by FV2: 11.335% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 10 of 10... execution time: 2.8 sec
        P(K) by MC: 1.699%, E(T) = 3.8 (simulation time = 2000.0)
        P(K) estimated by FV1: 1.222% (simulation time = 40.0)
        P(K) estimated by FV2: 6.147% (simulation time = 40.0)
        True P(K): 1.587%
Running simulation for nparticles=75 on 10 replications (2 of 7)...
        Replication 1 of 10... execution time: 4.1 sec
        P(K) by MC: 1.122%, E(T) = 4.1 (simulation time = 3000.0)
        P(K) estimated by FV1: 0.795% (simulation time = 40.0)
        P(K) estimated by FV2: 5.484% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 2 of 10... execution time: 4.2 sec
        P(K) by MC: 1.578%, E(T) = 3.8 (simulation time = 3000.0)
        P(K) estimated by FV1: 1.214% (simulation time = 40.0)
        P(K) estimated by FV2: 9.652% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 3 of 10... execution time: 5.2 sec
        P(K) by MC: 0.935%, E(T) = 3.7 (simulation time = 3000.0)
        P(K) estimated by FV1: 1.527% (simulation time = 40.0)
        P(K) estimated by FV2: 6.538% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 4 of 10... execution time: 4.3 sec
        P(K) by MC: 1.351%, E(T) = 3.8 (simulation time = 3000.0)
        P(K) estimated by FV1: 1.396% (simulation time = 40.0)
        P(K) estimated by FV2: 10.664% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 5 of 10... execution time: 4.4 sec
        P(K) by MC: 1.655%, E(T) = 4.1 (simulation time = 3000.0)
        P(K) estimated by FV1: 2.061% (simulation time = 40.0)
        P(K) estimated by FV2: 7.629% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 6 of 10... execution time: 4.5 sec
        P(K) by MC: 1.689%, E(T) = 3.9 (simulation time = 3000.0)
        P(K) estimated by FV1: 1.688% (simulation time = 40.0)
        P(K) estimated by FV2: 10.051% (simulation time = 40.0)
        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: 2.015% (simulation time = 40.0)
        P(K) estimated by FV2: 10.422% (simulation time = 40.0)
        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: 1.727% (simulation time = 40.0)
        P(K) estimated by FV2: 6.848% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 9 of 10... execution time: 4.4 sec
        P(K) by MC: 1.778%, E(T) = 4.0 (simulation time = 3000.0)
        P(K) estimated by FV1: 1.095% (simulation time = 40.0)
        P(K) estimated by FV2: 7.267% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 10 of 10... execution time: 4.5 sec
        P(K) by MC: 1.755%, E(T) = 3.8 (simulation time = 3000.0)
        P(K) estimated by FV1: 1.129% (simulation time = 40.0)
        P(K) estimated by FV2: 5.860% (simulation time = 40.0)
        True P(K): 1.587%
Running simulation for nparticles=112 on 10 replications (3 of 7)...
        Replication 1 of 10... execution time: 6.8 sec
        P(K) by MC: 1.241%, E(T) = 4.0 (simulation time = 4480.0)
        P(K) estimated by FV1: 0.977% (simulation time = 40.0)
        P(K) estimated by FV2: 6.456% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 2 of 10... execution time: 6.8 sec
        P(K) by MC: 1.440%, E(T) = 3.8 (simulation time = 4480.0)
        P(K) estimated by FV1: 0.908% (simulation time = 40.0)
        P(K) estimated by FV2: 6.721% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 3 of 10... execution time: 6.7 sec
        P(K) by MC: 0.923%, E(T) = 3.8 (simulation time = 4480.0)
        P(K) estimated by FV1: 1.138% (simulation time = 40.0)
```

```
P(K) estimated by FV2: 6.518% (simulation time = 40.0)
True P(K): 1.587%
Replication 4 of 10... execution time: 6.8 sec
P(K) by MC: 1.426%, E(T) = 3.8 (simulation time = 4480.0)
P(K) estimated by FV1: 1.420% (simulation time = 40.0)
P(K) estimated by FV2: 9.673% (simulation time = 40.0)
True P(K): 1.587%
Replication 5 of 10... execution time: 6.9 sec
P(K) by MC: 1.702%, E(T) = 4.0 (simulation time = 4480.0)
P(K) estimated by FV1: 1.775% (simulation time = 40.0)
P(K) estimated by FV2: 7.460% (simulation time = 40.0)
True P(K): 1.587%
Replication 6 of 10... execution time: 6.9 sec
P(K) by MC: 1.618%, E(T) = 3.9 (simulation time = 4480.0)
P(K) estimated by FV1: 1.442% (simulation time = 40.0)
P(K) estimated by FV2: 10.919% (simulation time = 40.0)
True P(K): 1.587%
Replication 7 of 10... execution time: 6.9 sec
P(K) by MC: 1.149%, E(T) = 3.8 (simulation time = 4480.0)
P(K) estimated by FV1: 1.329% (simulation time = 40.0)
P(K) estimated by FV2: 9.152% (simulation time = 40.0)
True P(K): 1.587%
Replication 8 of 10... execution time: 6.8 sec
P(K) by MC: 1.561%, E(T) = 4.0 (simulation time = 4480.0)
P(K) estimated by FV1: 1.623% (simulation time = 40.0)
P(K) estimated by FV2: 6.008% (simulation time = 40.0)
True P(K): 1.587%
Replication 9 of 10... execution time: 6.9 sec
P(K) by MC: 1.746%, E(T) = 4.0 (simulation time = 4480.0)
P(K) estimated by FV1: 1.329% (simulation time = 40.0)
P(K) estimated by FV2: 7.400% (simulation time = 40.0)
True P(K): 1.587%
Replication 10 of 10... execution time: 7.1 sec
P(K) by MC: 1.515%, E(T) = 3.9 (simulation time = 4480.0)
P(K) estimated by FV1: 1.625% (simulation time = 40.0)
P(K) estimated by FV2: 7.680% (simulation time = 40.0)
True P(K): 1.587%
Running simulation for nparticles=168 on 10 replications (4 of 7)...
Replication 1 of 10... execution time: 10.4 sec
P(K) by MC: 1.336%, E(T) = 3.9 (simulation time = 6720.0)
P(K) estimated by FV1: 1.504% (simulation time = 40.0)
P(K) estimated by FV2: 8.957% (simulation time = 40.0)
True P(K): 1.587%
Replication 2 of 10... execution time: 10.8 sec
P(K) by MC: 1.462%, E(T) = 3.9 (simulation time = 6720.0)
P(K) estimated by FV1: 1.271% (simulation time = 40.0)
P(K) estimated by FV2: 9.093% (simulation time = 40.0)
True P(K): 1.587%
Replication 3 of 10... execution time: 10.7 sec
P(K) by MC: 0.937%, E(T) = 3.8 (simulation time = 6720.0)
P(K) estimated by FV1: 1.117% (simulation time = 40.0)
P(K) estimated by FV2: 6.909% (simulation time = 40.0)
True P(K): 1.587%
Replication 4 of 10... execution time: 10.7 sec
P(K) by MC: 1.476%, E(T) = 3.9 (simulation time = 6720.0)
P(K) estimated by FV1: 1.459% (simulation time = 40.0)
P(K) estimated by FV2: 7.631% (simulation time = 40.0)
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: 1.378% (simulation time = 40.0)
P(K) estimated by FV2: 7.861% (simulation time = 40.0)
True P(K): 1.587%
Replication 6 of 10... execution time: 11.1 sec
P(K) by MC: 1.707%, E(T) = 3.9 (simulation time = 6720.0)
P(K) estimated by FV1: 1.889% (simulation time = 40.0)
P(K) estimated by FV2: 10.663% (simulation time = 40.0)
True P(K): 1.587%
Replication 7 of 10... execution time: 10.7 sec
P(K) by MC: 1.219%, E(T) = 3.8 (simulation time = 6720.0)
P(K) estimated by FV1: 1.196% (simulation time = 40.0)
P(K) estimated by FV2: 8.123% (simulation time = 40.0)
True P(K): 1.587%
```

```
        Replication 8 of 10... execution time: 10.8 sec
        P(K) by MC: 1.310%, E(T) = 3.9 (simulation time = 6720.0)
        P(K) estimated by FV1: 2.587% (simulation time = 40.0)
        P(K) estimated by FV2: 8.751% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 9 of 10... execution time: 10.7 sec
        P(K) by MC: 1.679%, E(T) = 4.0 (simulation time = 6720.0)
        P(K) estimated by FV1: 2.054% (simulation time = 40.0)
        P(K) estimated by FV2: 11.994% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 10 of 10... execution time: 10.8 sec
        P(K) by MC: 1.378%, E(T) = 3.9 (simulation time = 6720.0)
        P(K) estimated by FV1: 2.020% (simulation time = 40.0)
        P(K) estimated by FV2: 7.993% (simulation time = 40.0)
        True P(K): 1.587%
Running simulation for nparticles=252 on 10 replications (5 of 7)...
        Replication 1 of 10... execution time: 17.9 sec
        P(K) by MC: 1.341%, E(T) = 4.0 (simulation time = 10080.0)
        P(K) estimated by FV1: 1.711% (simulation time = 40.0)
        P(K) estimated by FV2: 6.910% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 2 of 10... execution time: 18.2 sec
        P(K) by MC: 1.405%, E(T) = 3.9 (simulation time = 10080.0)
        P(K) estimated by FV1: 1.324% (simulation time = 40.0)
        P(K) estimated by FV2: 6.627% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 3 of 10... execution time: 16.7 sec
        P(K) by MC: 1.146%, E(T) = 3.8 (simulation time = 10080.0)
        P(K) estimated by FV1: 0.949% (simulation time = 40.0)
        P(K) estimated by FV2: 5.693% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 4 of 10... execution time: 16.5 sec
        P(K) by MC: 1.657%, E(T) = 3.9 (simulation time = 10080.0)
        P(K) estimated by FV1: 1.519% (simulation time = 40.0)
        P(K) estimated by FV2: 8.549% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 5 of 10... execution time: 16.5 sec
        P(K) by MC: 1.297%, E(T) = 3.8 (simulation time = 10080.0)
        P(K) estimated by FV1: 1.353% (simulation time = 40.0)
        P(K) estimated by FV2: 6.666% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 6 of 10... execution time: 16.8 sec
        P(K) by MC: 1.701%, E(T) = 4.0 (simulation time = 10080.0)
        P(K) estimated by FV1: 1.505% (simulation time = 40.0)
        P(K) estimated by FV2: 9.917% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 7 of 10... execution time: 16.8 sec
        P(K) by MC: 1.308%, E(T) = 3.9 (simulation time = 10080.0)
        P(K) estimated by FV1: 1.198% (simulation time = 40.0)
        P(K) estimated by FV2: 7.535% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 8 of 10... execution time: 16.7 sec
        P(K) by MC: 1.383%, E(T) = 3.9 (simulation time = 10080.0)
        P(K) estimated by FV1: 1.392% (simulation time = 40.0)
        P(K) estimated by FV2: 5.932% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 9 of 10... execution time: 16.6 sec
        P(K) by MC: 1.444%, E(T) = 3.9 (simulation time = 10080.0)
        P(K) estimated by FV1: 1.428% (simulation time = 40.0)
        P(K) estimated by FV2: 9.314% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 10 of 10... execution time: 18.0 sec
        P(K) by MC: 1.445%, E(T) = 3.8 (simulation time = 10080.0)
        P(K) estimated by FV1: 1.515% (simulation time = 40.0)
        P(K) estimated by FV2: 8.979% (simulation time = 40.0)
        True P(K): 1.587%
Running simulation for nparticles=378 on 10 replications (6 of 7)...
        Replication 1 of 10... execution time: 26.0 sec
        P(K) by MC: 1.313%, E(T) = 3.9 (simulation time = 15120.0)
        P(K) estimated by FV1: 1.547% (simulation time = 40.0)
        P(K) estimated by FV2: 7.260% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 2 of 10... execution time: 26.4 sec
```

```
        P(K) by MC: 1.436%, E(T) = 3.9 (simulation time = 15120.0)
        P(K) estimated by FV1: 1.384% (simulation time = 40.0)
        P(K) estimated by FV2: 7.585% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 3 of 10... execution time: 26.0 sec
        P(K) by MC: 1.264%, E(T) = 3.8 (simulation time = 15120.0)
        P(K) estimated by FV1: 1.345% (simulation time = 40.0)
        P(K) estimated by FV2: 10.254% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 4 of 10... execution time: 25.6 sec
        P(K) by MC: 1.669%, E(T) = 3.9 (simulation time = 15120.0)
        P(K) estimated by FV1: 1.403% (simulation time = 40.0)
        P(K) estimated by FV2: 6.850% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 5 of 10... execution time: 25.6 sec
        P(K) by MC: 1.441%, E(T) = 3.9 (simulation time = 15120.0)
        P(K) estimated by FV1: 1.396% (simulation time = 40.0)
        P(K) estimated by FV2: 7.237% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 6 of 10... execution time: 25.6 sec
        P(K) by MC: 1.687%, E(T) = 4.0 (simulation time = 15120.0)
        P(K) estimated by FV1: 1.548% (simulation time = 40.0)
        P(K) estimated by FV2: 8.197% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 7 of 10... execution time: 25.6 sec
        P(K) by MC: 1.437%, E(T) = 3.9 (simulation time = 15120.0)
        P(K) estimated by FV1: 1.291% (simulation time = 40.0)
        P(K) estimated by FV2: 7.665% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 8 of 10... execution time: 25.7 sec
        P(K) by MC: 1.431%, E(T) = 3.9 (simulation time = 15120.0)
        P(K) estimated by FV1: 1.588% (simulation time = 40.0)
        P(K) estimated by FV2: 7.145% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 9 of 10... execution time: 25.5 sec
        P(K) by MC: 1.567%, E(T) = 4.0 (simulation time = 15120.0)
        P(K) estimated by FV1: 1.711% (simulation time = 40.0)
        P(K) estimated by FV2: 8.500% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 10 of 10... execution time: 25.7 sec
        P(K) by MC: 1.451%, E(T) = 3.9 (simulation time = 15120.0)
        P(K) estimated by FV1: 1.709% (simulation time = 40.0)
        P(K) estimated by FV2: 9.104% (simulation time = 40.0)
        True P(K): 1.587%
Running simulation for nparticles=567 on 10 replications (7 of 7)...
        Replication 1 of 10... execution time: 39.5 sec
        P(K) by MC: 1.393%, E(T) = 3.9 (simulation time = 22680.0)
        P(K) estimated by FV1: 1.621% (simulation time = 40.0)
        P(K) estimated by FV2: 7.472% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 2 of 10... execution time: 38.8 sec
        P(K) by MC: 1.497%, E(T) = 3.9 (simulation time = 22680.0)
        P(K) estimated by FV1: 1.526% (simulation time = 40.0)
        P(K) estimated by FV2: 8.299% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 3 of 10... execution time: 38.8 sec
        P(K) by MC: 1.282%, E(T) = 3.9 (simulation time = 22680.0)
        P(K) estimated by FV1: 1.170% (simulation time = 40.0)
        P(K) estimated by FV2: 8.668% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 4 of 10... execution time: 39.9 sec
        P(K) by MC: 1.704%, E(T) = 3.8 (simulation time = 22680.0)
        P(K) estimated by FV1: 1.415% (simulation time = 40.0)
        P(K) estimated by FV2: 7.009% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 5 of 10... execution time: 39.4 sec
        P(K) by MC: 1.534%, E(T) = 3.9 (simulation time = 22680.0)
        P(K) estimated by FV1: 1.497% (simulation time = 40.0)
        P(K) estimated by FV2: 7.323% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 6 of 10... execution time: 39.2 sec
        P(K) by MC: 1.785%, E(T) = 4.0 (simulation time = 22680.0)
        P(K) estimated by FV1: 1.835% (simulation time = 40.0)
```

```
        P(K) estimated by FV2: 9.568% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 7 of 10... execution time: 38.8 sec
        P(K) by MC: 1.483%, E(T) = 3.9 (simulation time = 22680.0)
        P(K) estimated by FV1: 1.644% (simulation time = 40.0)
        P(K) estimated by FV2: 8.103% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 8 of 10... execution time: 37.6 sec
        P(K) by MC: 1.406%, E(T) = 3.9 (simulation time = 22680.0)
        P(K) estimated by FV1: 1.484% (simulation time = 40.0)
        P(K) estimated by FV2: 6.432% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 9 of 10... execution time: 38.3 sec
        P(K) by MC: 1.660%, E(T) = 4.0 (simulation time = 22680.0)
        P(K) estimated by FV1: 1.425% (simulation time = 40.0)
        P(K) estimated by FV2: 8.365% (simulation time = 40.0)
        True P(K): 1.587%
        Replication 10 of 10... execution time: 38.8 sec
        P(K) by MC: 1.506%, E(T) = 4.0 (simulation time = 22680.0)
        P(K) estimated by FV1: 1.808% (simulation time = 40.0)
        P(K) estimated by FV2: 7.784% (simulation time = 40.0)
        True P(K): 1.587%
Total execution time: 17.8 min
Simulation results for c=1, K=5, rhos=[0.5], (50<=N<=600), T<=40
Raw results by N:
      N replication    Pr(MC)  Time(MC)       E(T)    Pr(FV)  Time(FV)  \
1    50           1  0.013363    2000.0   4.187338  0.017770      40.0
1    50           2  0.016974    2000.0   3.837183  0.005066      40.0
1    50           3  0.008511    2000.0   3.616543  0.015642      40.0
1    50           4  0.014580    2000.0   3.909339  0.018096      40.0
1    50           5  0.015137    2000.0   4.079052  0.019190      40.0
1    50           6  0.014937    2000.0   3.767448  0.006645      40.0
1    50           7  0.008181    2000.0   3.844382  0.012139      40.0
1    50           8  0.016388    2000.0   4.060793  0.015728      40.0
1    50           9  0.018569    2000.0   4.026236  0.014291      40.0
1    50          10  0.016995    2000.0   3.807540  0.012217      40.0
2    75           1  0.011218    3000.0   4.122465  0.007948      40.0
2    75           2  0.015784    3000.0   3.777435  0.012143      40.0
2    75           3  0.009346    3000.0   3.710318  0.015271      40.0
2    75           4  0.013511    3000.0   3.753410  0.013962      40.0
2    75           5  0.016546    3000.0   4.126245  0.020614      40.0
2    75           6  0.016890    3000.0   3.860872  0.016876      40.0
2    75           7  0.010672    3000.0   3.804824  0.020149      40.0
2    75           8  0.013897    3000.0   3.981415  0.017268      40.0
2    75           9  0.017780    3000.0   4.030907  0.010954      40.0
2    75          10  0.017554    3000.0   3.840125  0.011290      40.0
3   112           1  0.012415    4480.0   3.969522  0.009769      40.0
3   112           2  0.014402    4480.0   3.821510  0.009081      40.0
3   112           3  0.009232    4480.0   3.775642  0.011380      40.0
3   112           4  0.014258    4480.0   3.769188  0.014200      40.0
3   112           5  0.017018    4480.0   3.984031  0.017747      40.0
3   112           6  0.016185    4480.0   3.902834  0.014425      40.0
3   112           7  0.011491    4480.0   3.799605  0.013288      40.0
3   112           8  0.015609    4480.0   3.992191  0.016228      40.0
3   112           9  0.017461    4480.0   3.956341  0.013291      40.0
3   112          10  0.015145    4480.0   3.863065  0.016255      40.0
..  ...         ...       ...       ...        ...       ...       ...
5   252           1  0.013414   10080.0   3.997589  0.017106      40.0
5   252           2  0.014051   10080.0   3.927075  0.013236      40.0
5   252           3  0.011458   10080.0   3.782182  0.009489      40.0
5   252           4  0.016574   10080.0   3.923566  0.015189      40.0
5   252           5  0.012969   10080.0   3.832657  0.013529      40.0
5   252           6  0.017015   10080.0   4.016814  0.015055      40.0
5   252           7  0.013084   10080.0   3.898760  0.011982      40.0
5   252           8  0.013831   10080.0   3.927480  0.013924      40.0
5   252           9  0.014439   10080.0   3.929554  0.014283      40.0
5   252          10  0.014454   10080.0   3.847492  0.015148      40.0
6   378           1  0.013127   15120.0   3.934081  0.015475      40.0
6   378           2  0.014359   15120.0   3.910375  0.013836      40.0
6   378           3  0.012645   15120.0   3.840392  0.013454      40.0
6   378           4  0.016686   15120.0   3.883269  0.014034      40.0
6   378           5  0.014406   15120.0   3.893602  0.013959      40.0
6   378           6  0.016867   15120.0   3.976523  0.015484      40.0
```

6	378	7	0.014368	15120.0	3.883228	0.012914	40.0
6	378	8	0.014312	15120.0	3.945629	0.015879	40.0
6	378	9	0.015672	15120.0	3.999106	0.017115	40.0
6	378	10	0.014512	15120.0	3.924921	0.017093	40.0
7	567	1	0.013932	22680.0	3.914805	0.016209	40.0
7	567	2	0.014972	22680.0	3.928787	0.015257	40.0
7	567	3	0.012815	22680.0	3.869138	0.011696	40.0
7	567	4	0.017039	22680.0	3.849544	0.014153	40.0
7	567	5	0.015335	22680.0	3.920851	0.014975	40.0
7	567	6	0.017846	22680.0	3.973093	0.018349	40.0
7	567	7	0.014833	22680.0	3.904927	0.016443	40.0
7	567	8	0.014060	22680.0	3.937117	0.014842	40.0
7	567	9	0.016600	22680.0	3.953397	0.014251	40.0
7	567	10	0.015061	22680.0	3.969180	0.018077	40.0

	Pr(K)	exec_time(s)
1	0.015873	2.676288
1	0.015873	2.648517
1	0.015873	2.582659
1	0.015873	2.613284
1	0.015873	2.665281
1	0.015873	2.733009
1	0.015873	2.709195
1	0.015873	3.685357
1	0.015873	4.227406
1	0.015873	2.838973
2	0.015873	4.082634
2	0.015873	4.165988
2	0.015873	5.246373
2	0.015873	4.320588
2	0.015873	4.374294
2	0.015873	4.501560
2	0.015873	4.385804
2	0.015873	4.437264
2	0.015873	4.431736
2	0.015873	4.547514
3	0.015873	6.781745
3	0.015873	6.788698
3	0.015873	6.720782
3	0.015873	6.823893
3	0.015873	6.933939
3	0.015873	6.919852
3	0.015873	6.925798
3	0.015873	6.831085
3	0.015873	6.891114
3	0.015873	7.115186
..	...	...
5	0.015873	17.855287
5	0.015873	18.231478
5	0.015873	16.749543
5	0.015873	16.542021
5	0.015873	16.547222
5	0.015873	16.759325
5	0.015873	16.762348
5	0.015873	16.655453
5	0.015873	16.631222
5	0.015873	18.049663
6	0.015873	26.007723
6	0.015873	26.401177
6	0.015873	25.995233
6	0.015873	25.617014
6	0.015873	25.646665
6	0.015873	25.594988
6	0.015873	25.608108
6	0.015873	25.687966
6	0.015873	25.517433
6	0.015873	25.682420
7	0.015873	39.513470
7	0.015873	38.818220
7	0.015873	38.833891
7	0.015873	39.859051
7	0.015873	39.435877
7	0.015873	39.181159

```
7    0.015873      38.848571
7    0.015873      37.617472
7    0.015873      38.300084
7    0.015873      38.780807

[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  0.014363  0.013678  0.003496  0.004752  0.008181  0.005066
75      10     10  0.014320  0.014648  0.003066  0.004145  0.009346  0.007948
112     10     10  0.014322  0.013566  0.002593  0.002836  0.009232  0.009081
168     10     10  0.014014  0.016476  0.002246  0.004713  0.009368  0.011172
252     10     10  0.014129  0.013894  0.001656  0.002073  0.011458  0.009489
378     10     10  0.014695  0.014924  0.001365  0.001496  0.012645  0.012914
567     10     10  0.015249  0.015425  0.001533  0.001964  0.012815  0.011696

          max                 SE
       Pr(MC)    Pr(FV)    Pr(MC)    Pr(FV)
N
50    0.018569  0.019190  0.001105  0.001503
75    0.017780  0.020614  0.000970  0.001311
112   0.017461  0.017747  0.000820  0.000897
168   0.017072  0.025867  0.000710  0.001491
252   0.017015  0.017106  0.000524  0.000656
378   0.016867  0.017115  0.000432  0.000473
567   0.017846  0.018349  0.000485  0.000621
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)
```
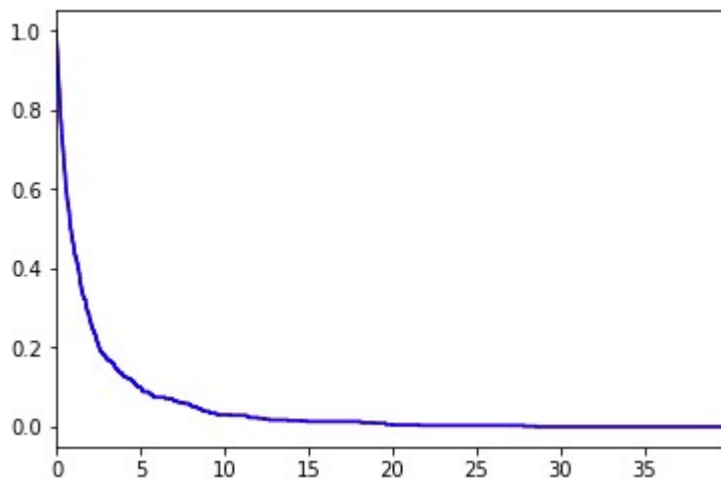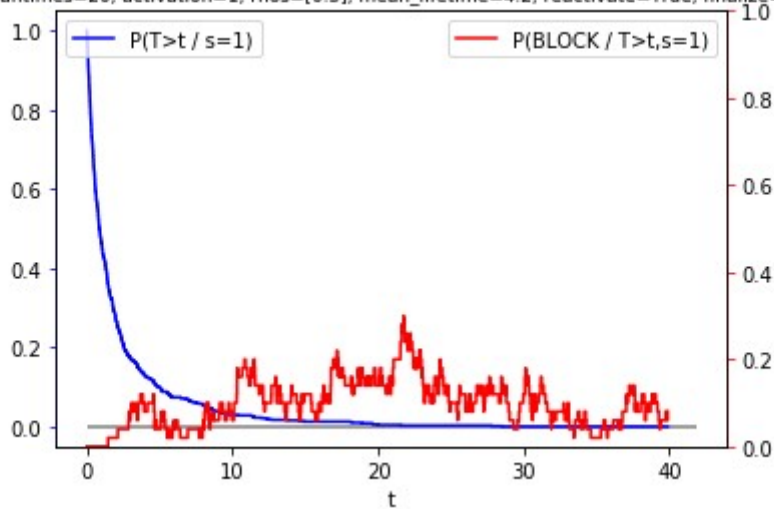

K=5, N=50, nmeantimes=20, activation=1, rhos=[0.5], mean_lifetime=4.2, reactivate=True, finalize=ABS, seed=1717

K=5, N=75, nmeantimes=20, activation=1, rhos=[0.5], mean_lifetime=4.1, reactivate=True, finalize=ABS, seed=1717
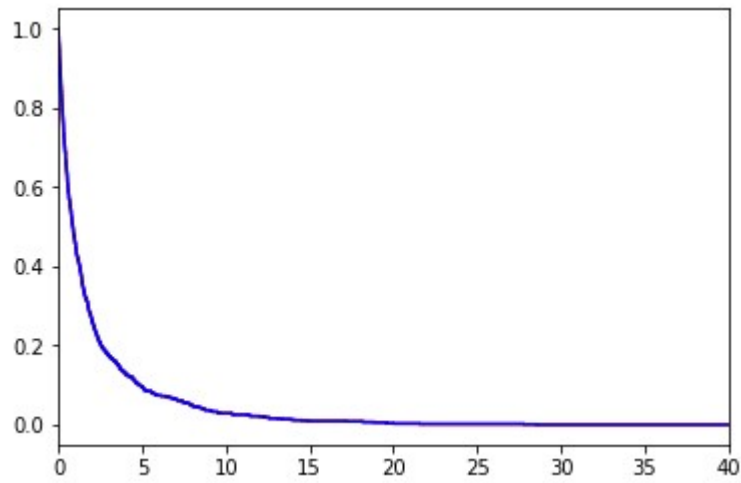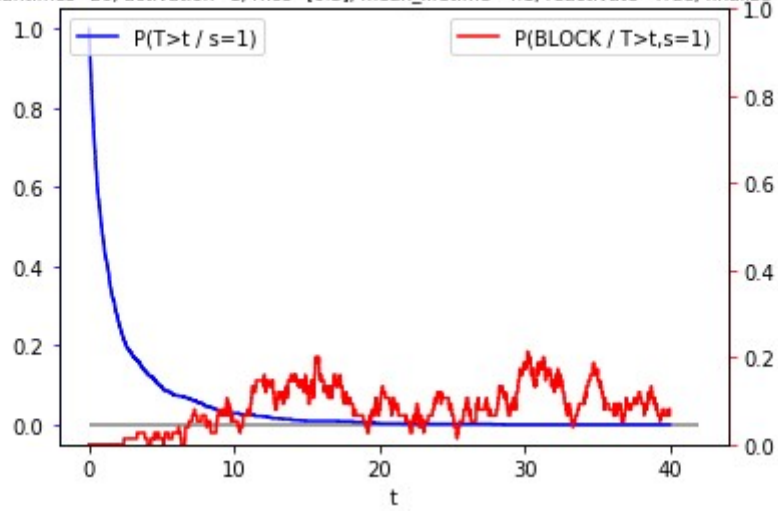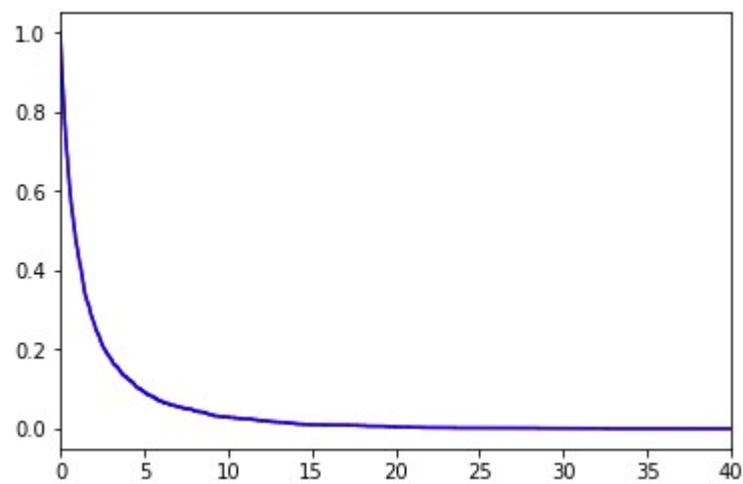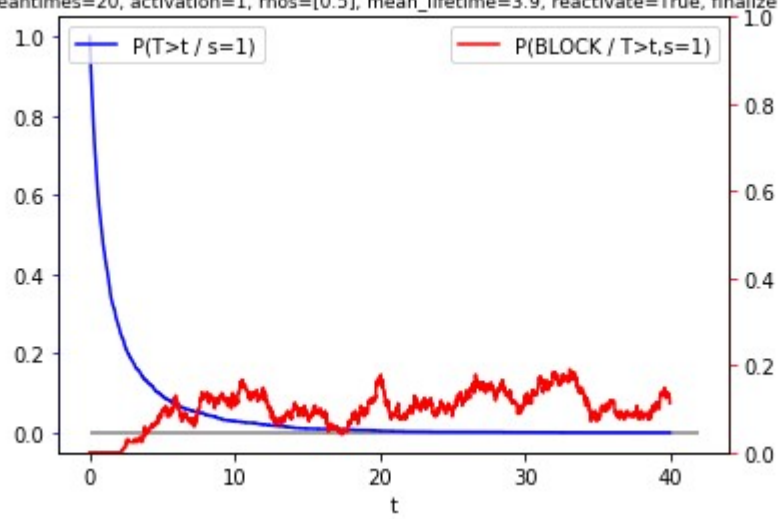

K=5, N=112, nmeantimes=20, activation=1, rhos=[0.5], mean_lifetime=4.0, reactivate=True, finalize=ABS, seed=1717
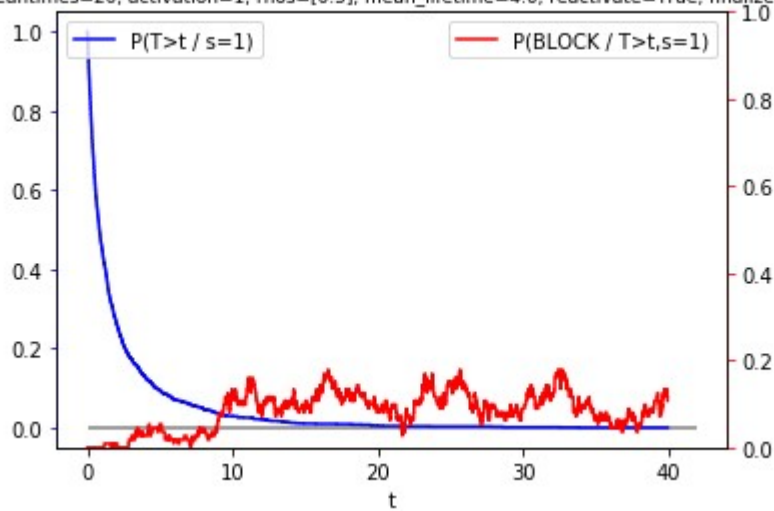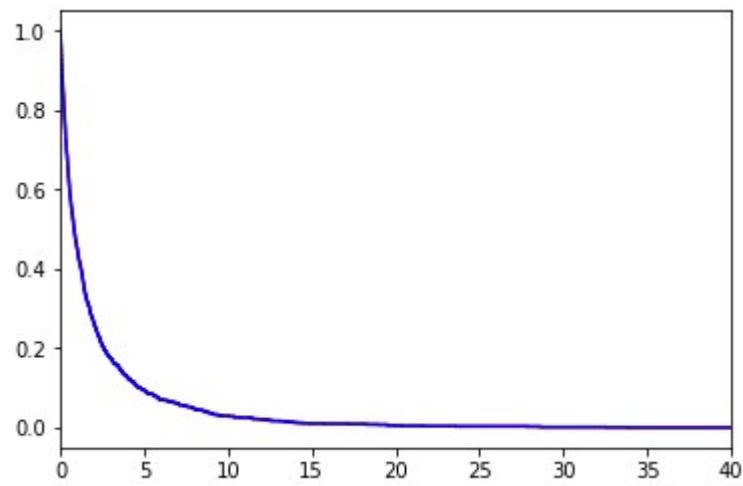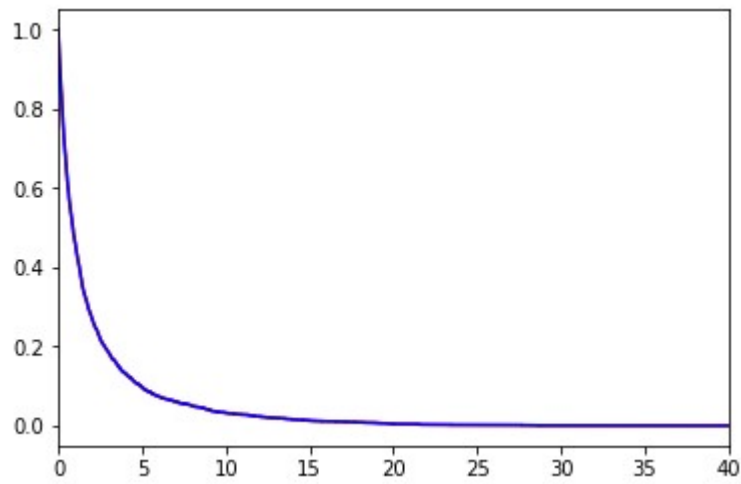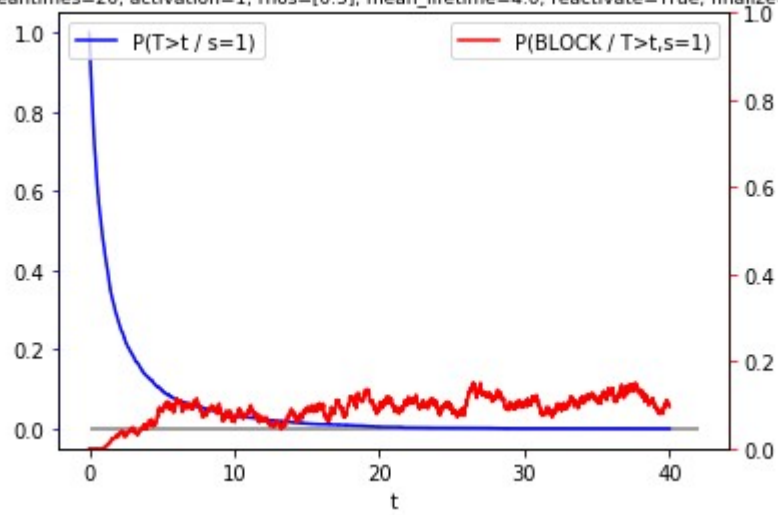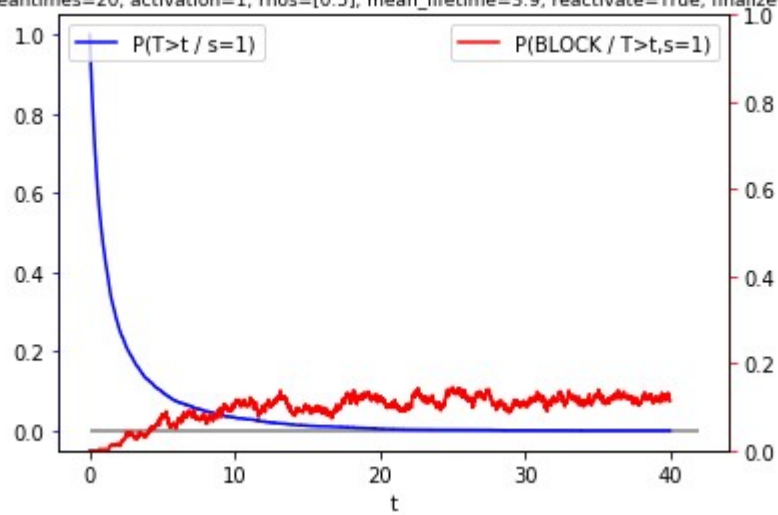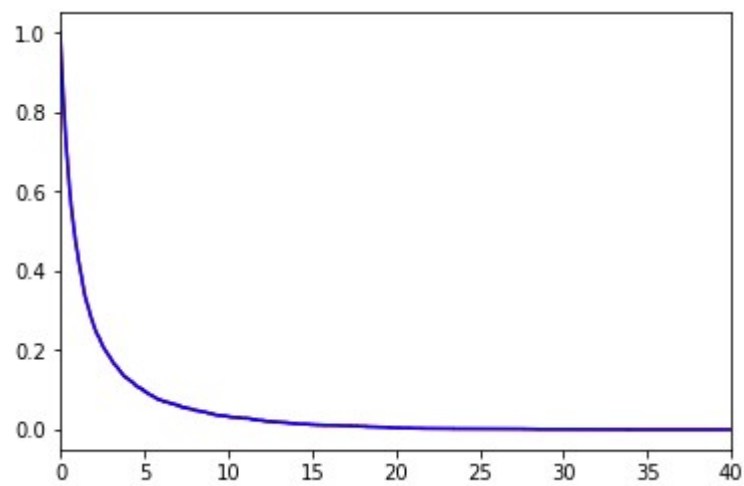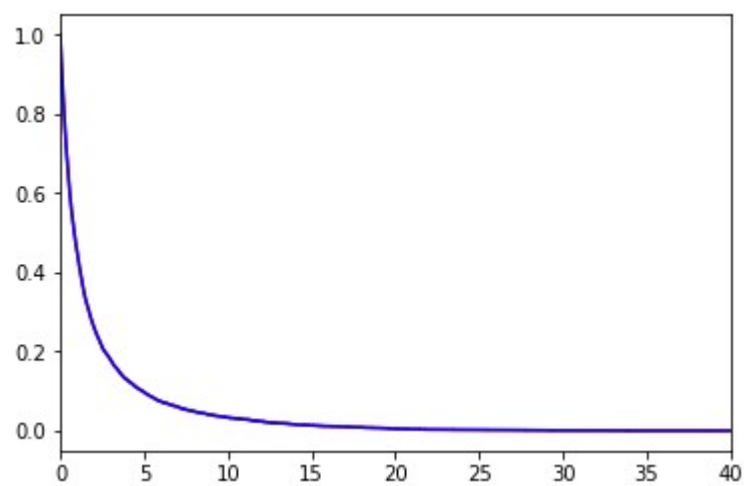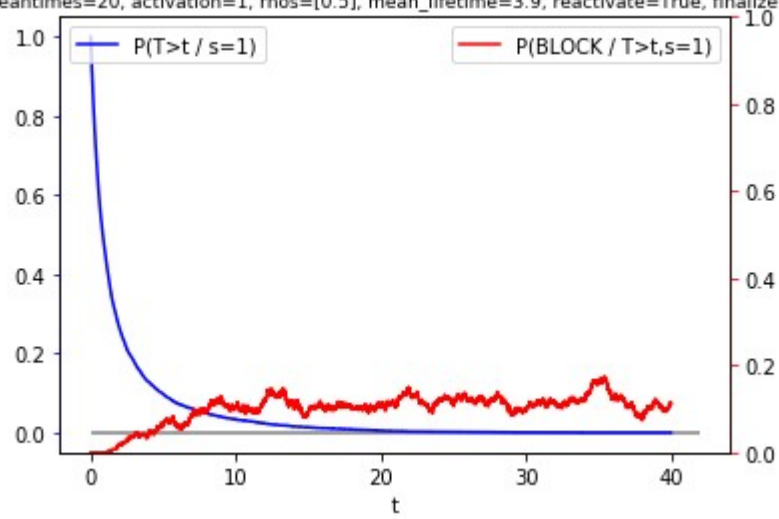
K=5, N=168, nmeantimes=20, activation=1, rhos=[0.5], mean_lifetime=3.9, reactivate=True, finalize=ABS, seed=1717

K=5, N=252, nmeantimes=20, activation=1, rhos=[0.5], mean_lifetime=4.0, reactivate=True, finalize=ABS, seed=1717

K=5, N=378, nmeantimes=20, activation=1, rhos=[0.5], mean_lifetime=3.9, reactivate=True, finalize=ABS, seed=1717
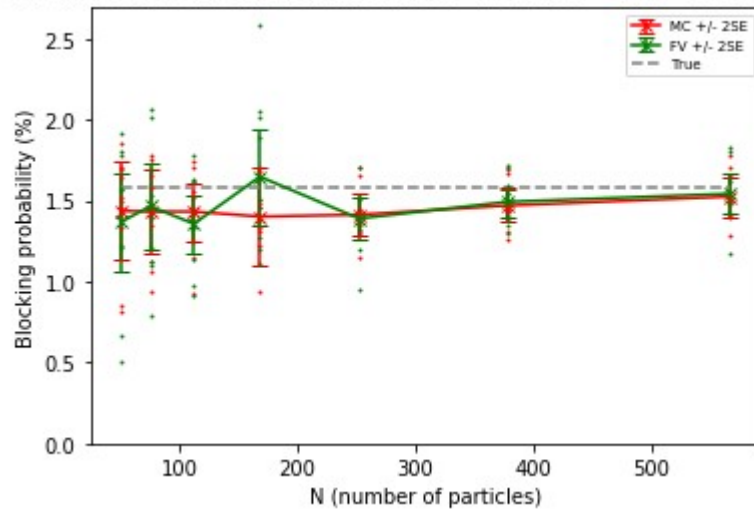
K=5, N=567, nmeantimes=20, activation=1, rhos=[0.5], mean_lifetime=3.9, reactivate=True, finalize=ABS, seed=1717

Simulation results for c=1, K=5, rhos=[0.5], (50<=N<=600), T<=40

In [650]: