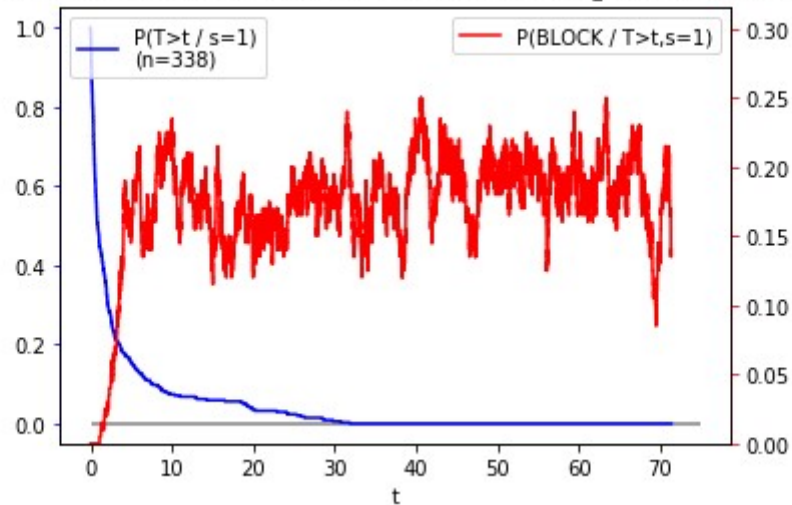```
Python 3.6.4 |Anaconda custom (64-bit)| (default, Jan 16 2018, 10:22:32) [MSC v.1900 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 6.2.1 -- An enhanced Interactive Python.

Restarting kernel...
```
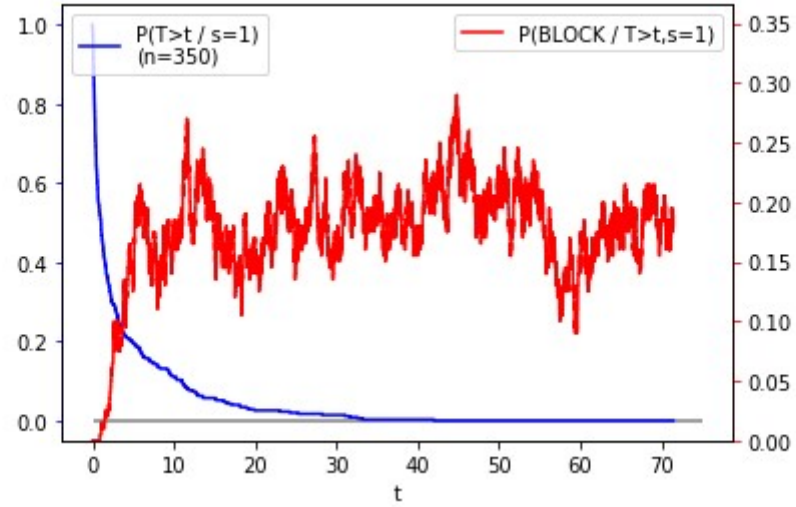
In [1]: runfile('E:/Daniel/Projects/PhD-RL-Toulouse/projects/Python/test/test_QB.py', wdir='E:/Daniel/Projects/PhD-RL-Toulouse/projects/Python/test')
Directory:
E:\Daniel\Projects\PhD-RL-Toulouse\projects
has been prepended to the module search path.
Log file '../../RL-002-QueueBlocking/logs/analyze_convergence_20210427_004917.log' has been open for output.
Started at: 2021-04-27 00:49:17
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)
Ended at: 2021-04-27 01:07:05
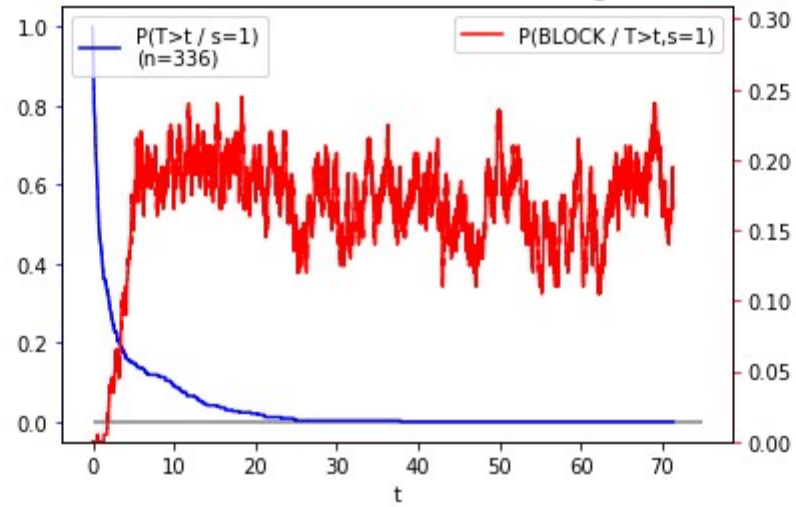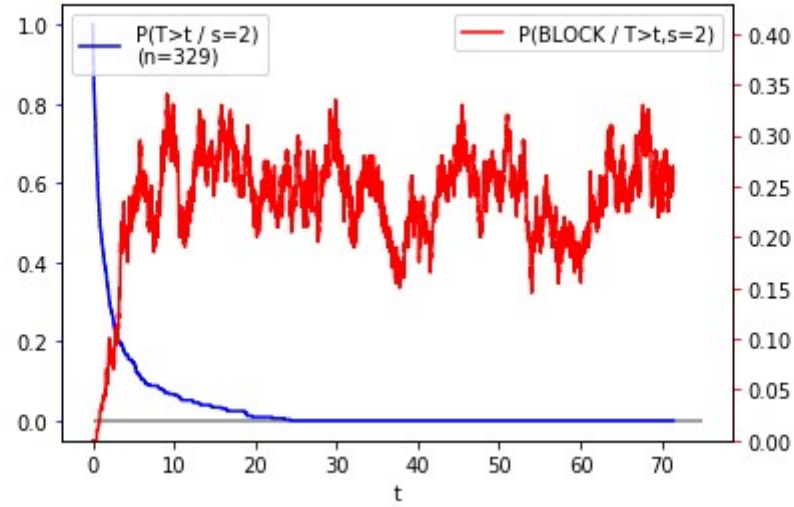Execution time: 17.8 min, 0.3 hours



K=5, rhos=[0.7], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=4.4(n=200), multiplier=1, seed=1313

K=5, rhos=[0.7], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=4.4(n=200), multiplier=1, seed=1313
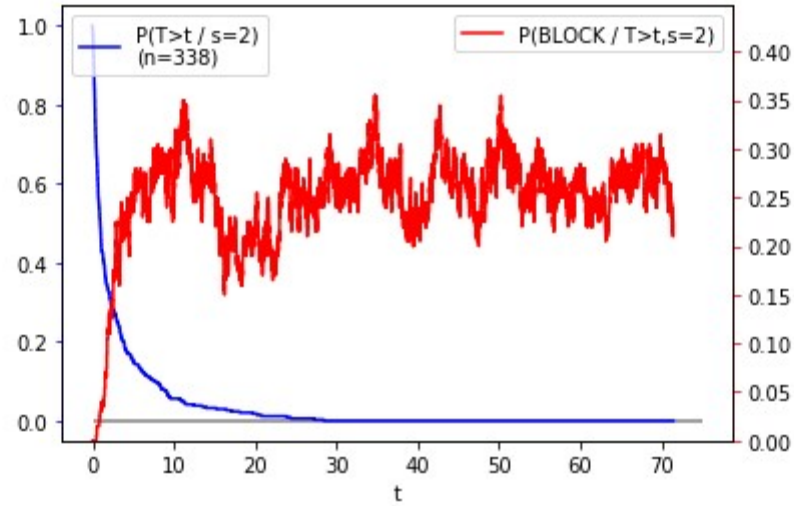


K=5, rhos=[0.7], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=4.2(n=200), multiplier=1, seed=1313
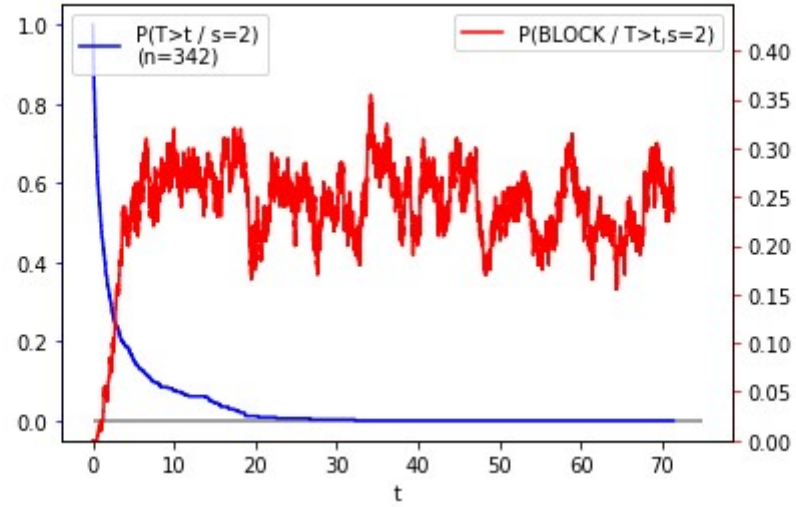
K=5, rhos=[0.7], N=200, activation size=2, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.3(n=200), multiplier=1, seed=1313
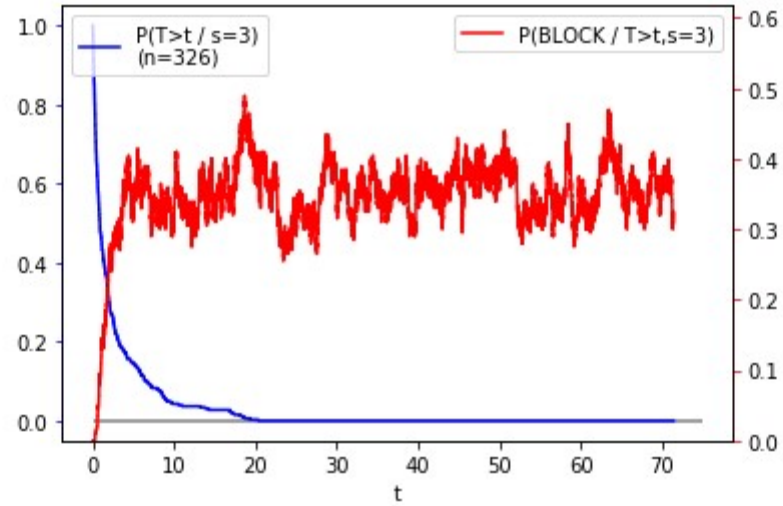


K=5, rhos=[0.7], N=200, activation size=2, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.4(n=200), multiplier=1, seed=1313
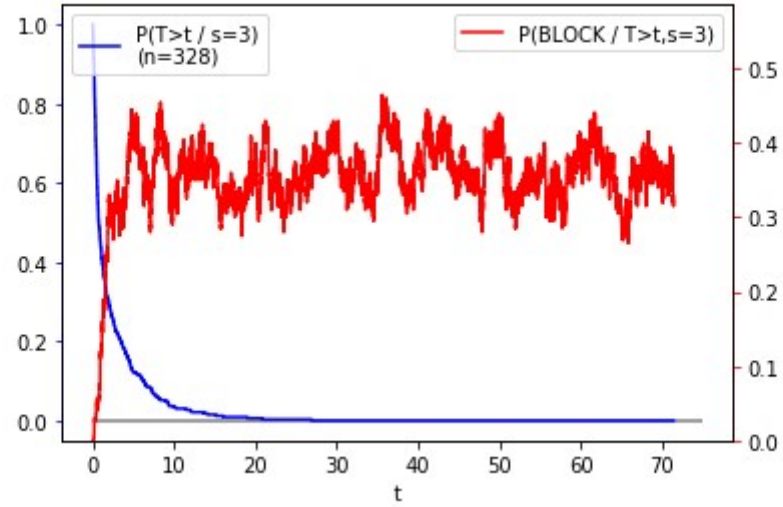
K=5, rhos=[0.7], N=200, activation size=2, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.0(n=200), multiplier=1, seed=1313
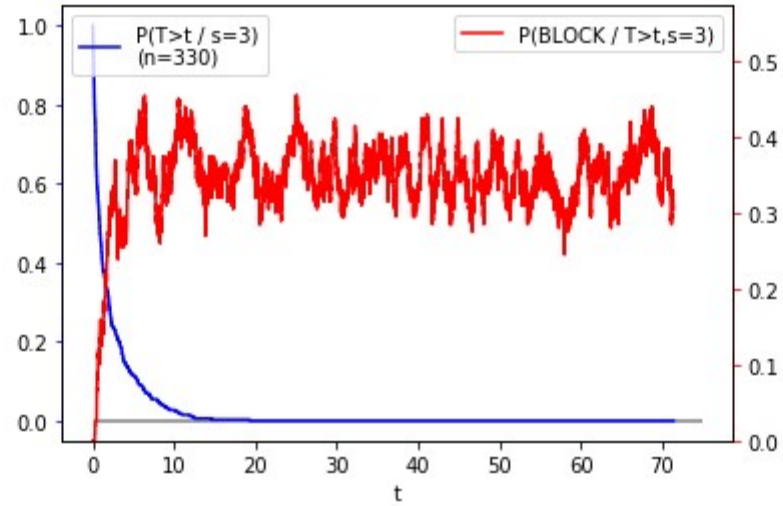


K=5, rhos=[0.7], N=200, activation size=3, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=8.5(n=200), multiplier=1, seed=1313
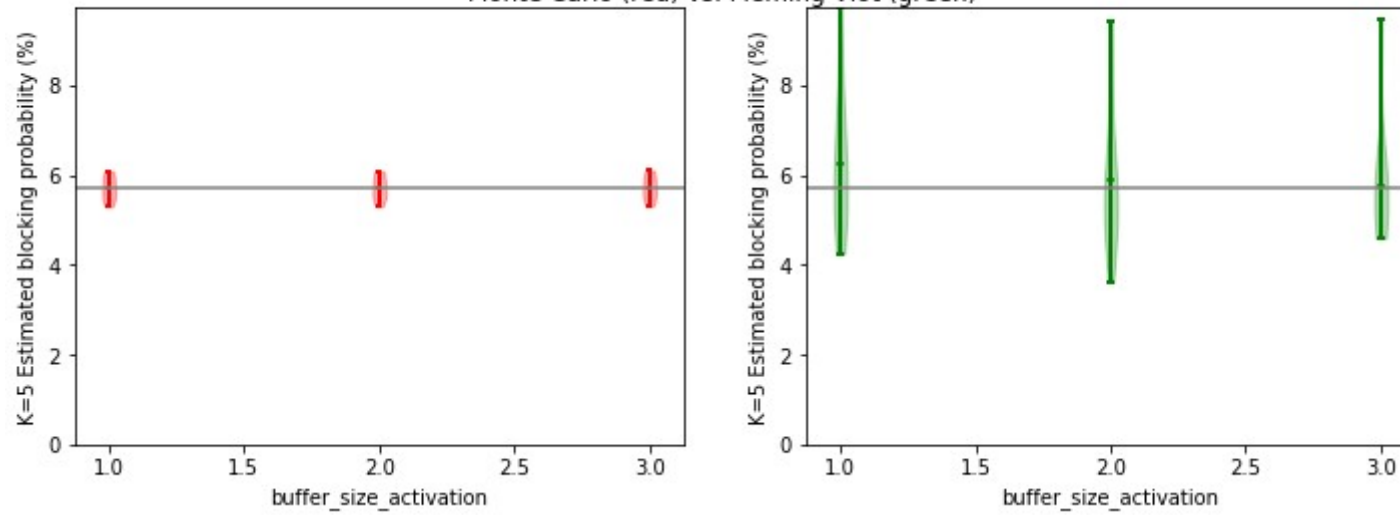
K=5, rhos=[0.7], N=200, activation size=3, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=8.3(n=200), multiplier=1, seed=1313
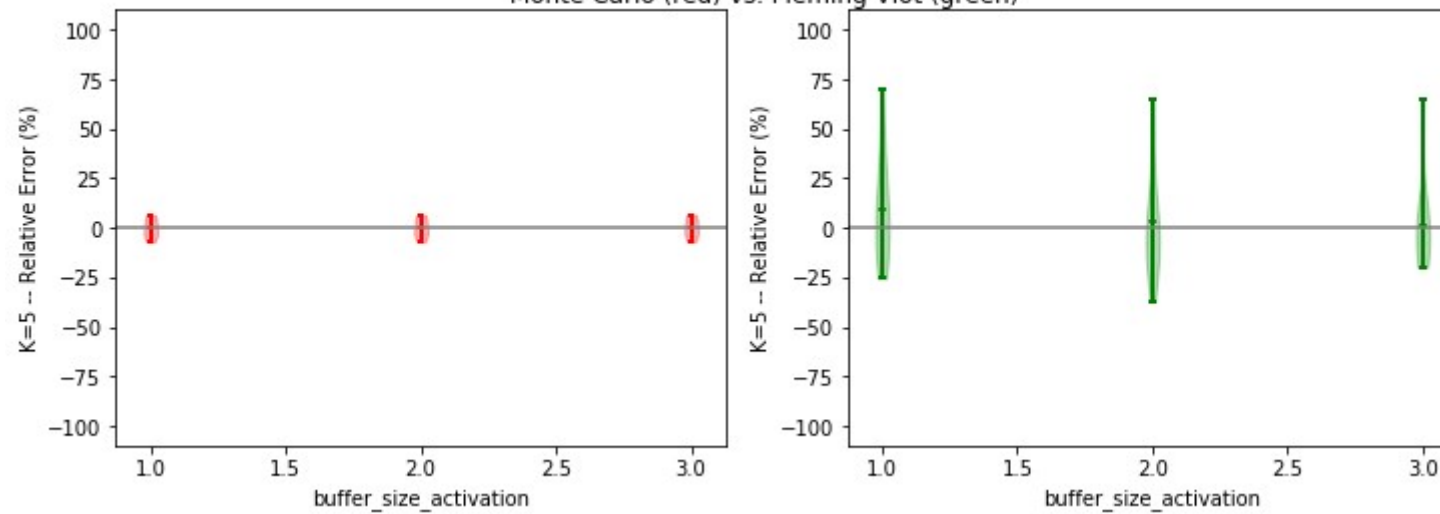


K=5, rhos=[0.7], N=200, activation size=3, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=8.7(n=200), multiplier=1, seed=1313

Distribution of blocking probability estimates of Pr(K=5) = 5.714393% on 12 replications
Monte Carlo (red) vs. Fleming Viot (green)

Error distribution of blocking probability estimation Pr(K=5) on 12 replications
Monte Carlo (red) vs. Fleming Viot (green)

In [2]: