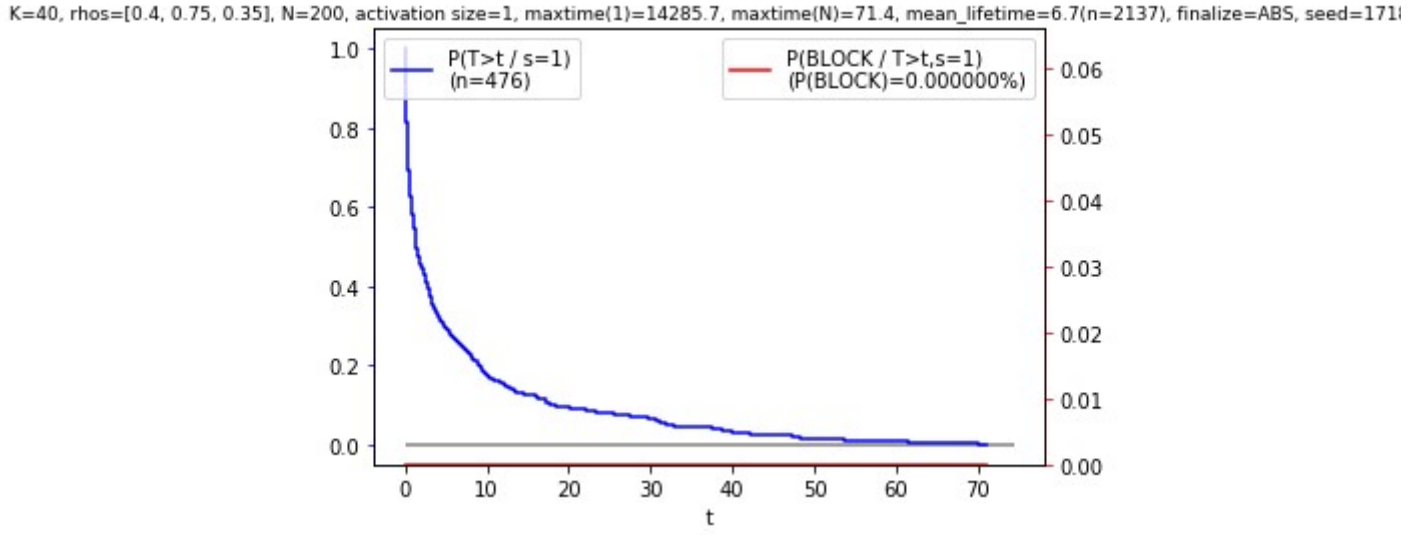
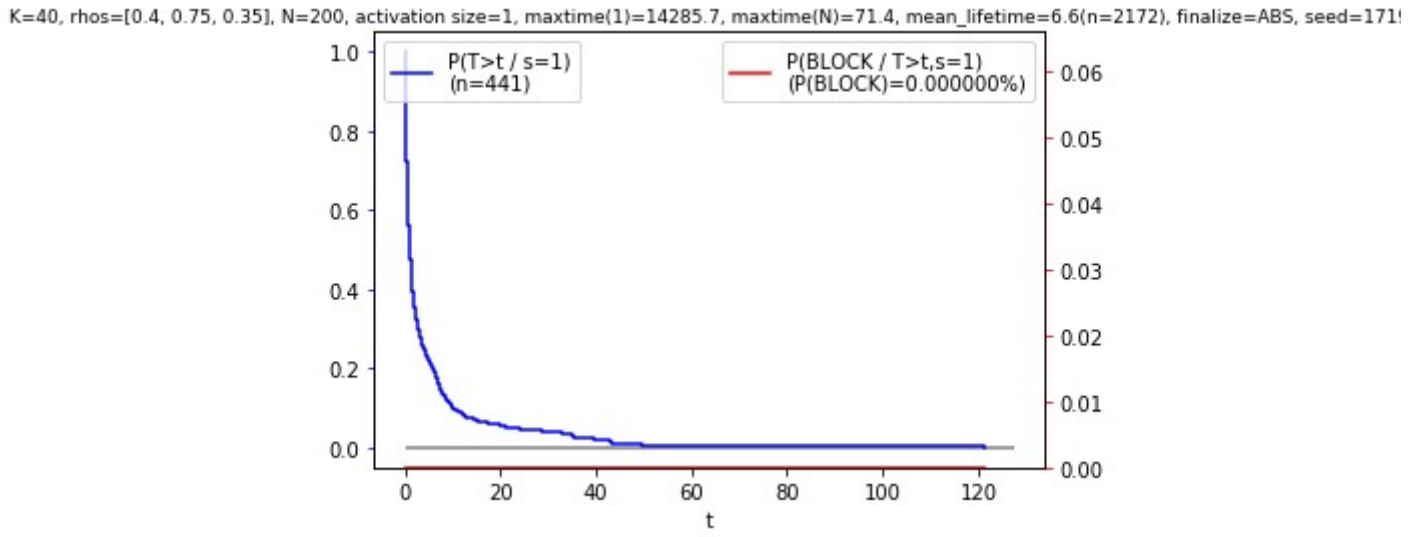
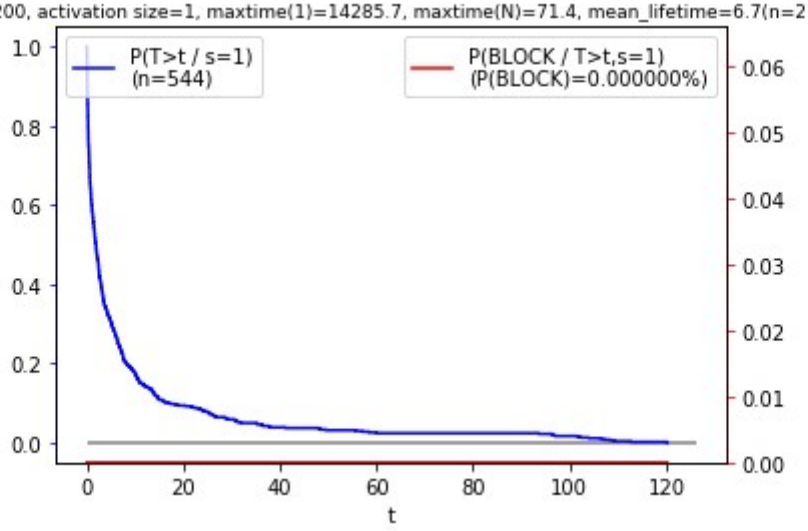
```
Python 3.6.4 |Anaconda custom (64-bit)| (default, Jan 16 2018, 10:22:32) [MSC v.1900 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 6.2.1 -- An enhanced Interactive Python.

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/test_fv_implementation_20210504_092230.log' has been open for
output.
Started at: 2021-05-04 09:22:30
C:\ProgramData\Anaconda\Anaconda3\lib\site-packages\matplotlib\pyplot.py:528: RuntimeWarning: More than
20 figures have been opened. Figures created through the pyplot interface (`matplotlib.pyplot.figure`)
are retained until explicitly closed and may consume too much memory. (To control this warning, see the
rcParam `figure.max_open_warning`).
  max_open_warning, RuntimeWarning)
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: 2021-05-04 11:43:51
Execution time: 141.3 min, 2.4 hours
```

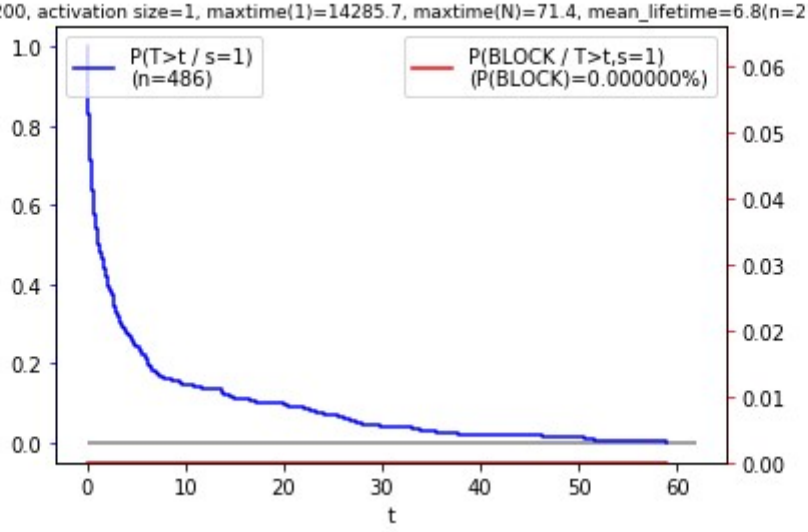




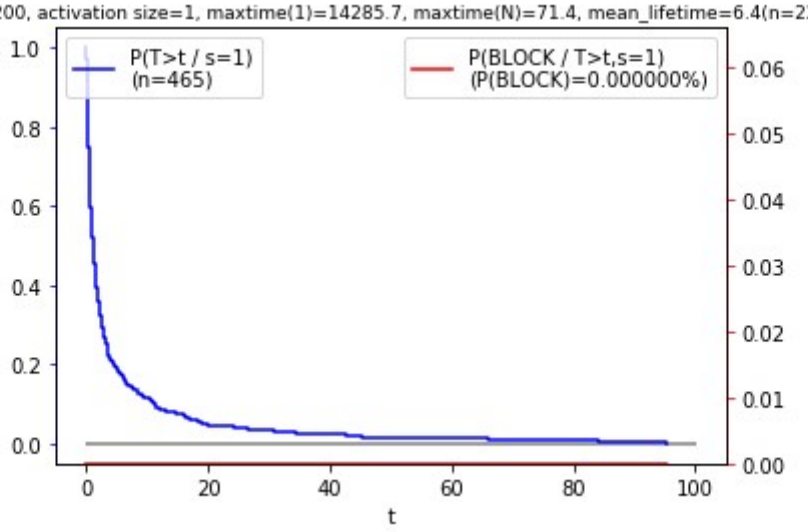
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.7(n=2111), finalize=ABS, seed=172



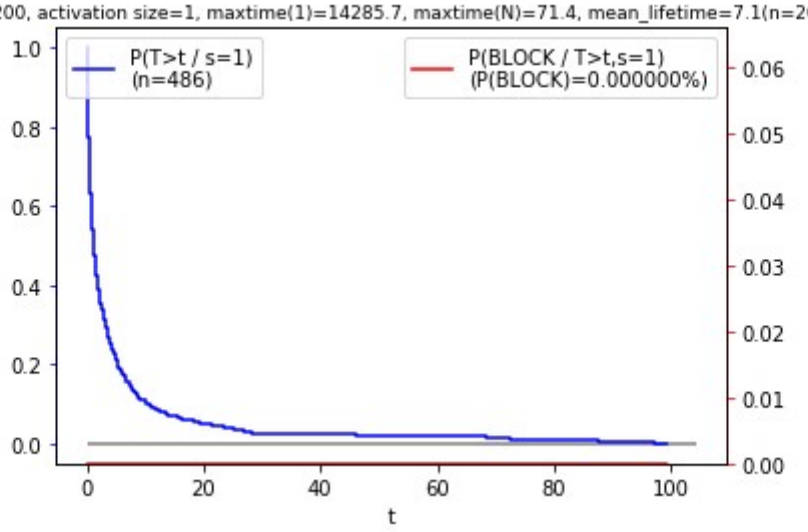
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.8(n=2108), finalize=ABS, seed=172



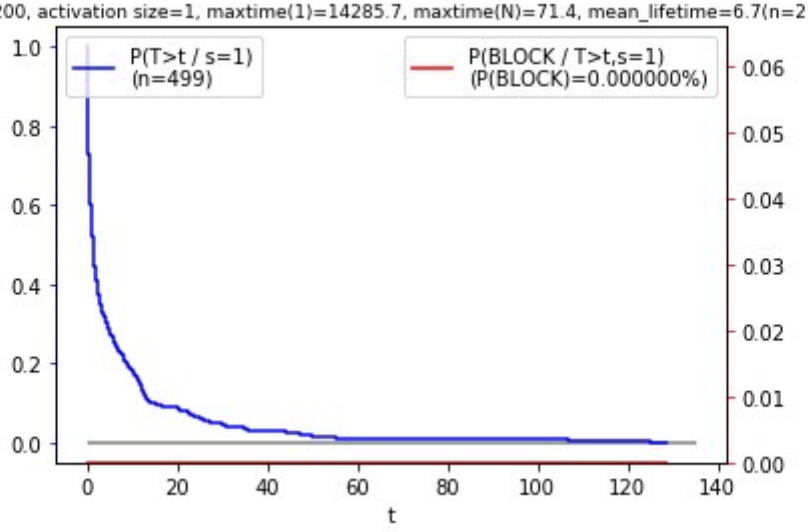
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.4(n=2231), finalize=ABS, seed=172



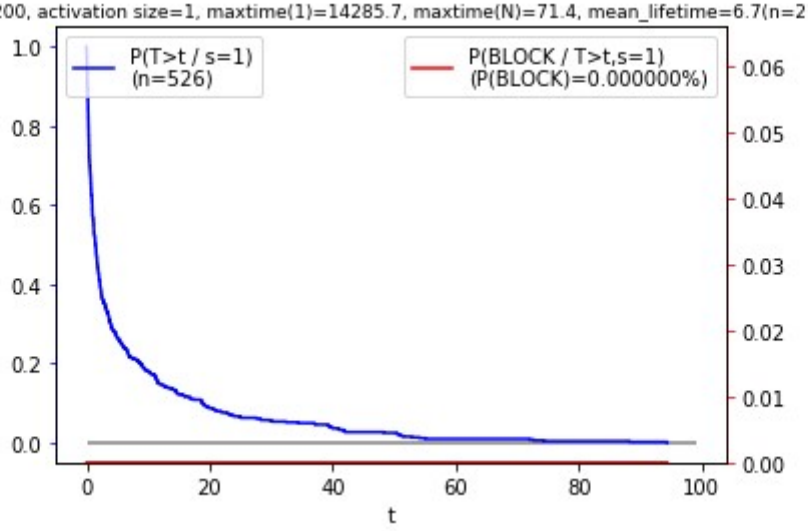
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=7.1(n=2003), finalize=ABS, seed=172



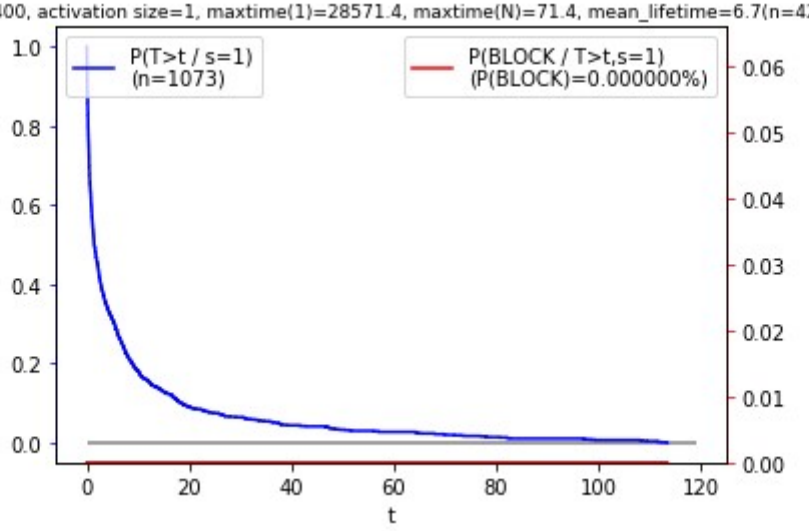
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.7(n=2118), finalize=ABS, seed=172



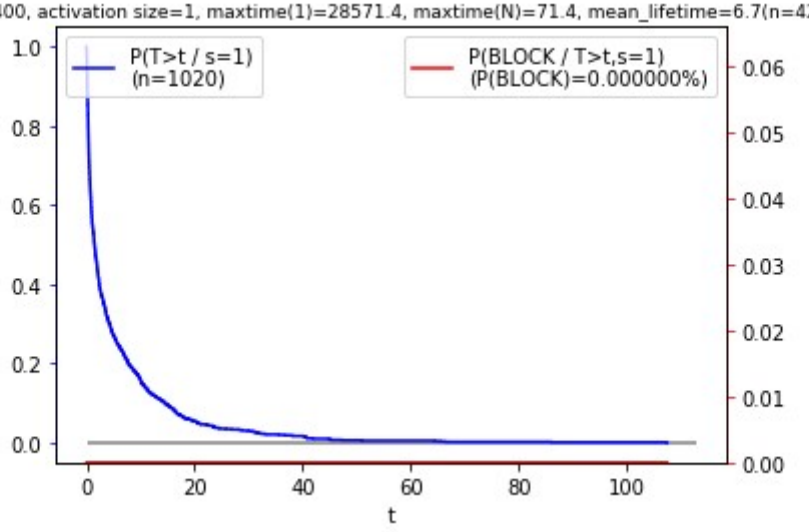
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.7(n=2127), finalize=ABS, seed=172



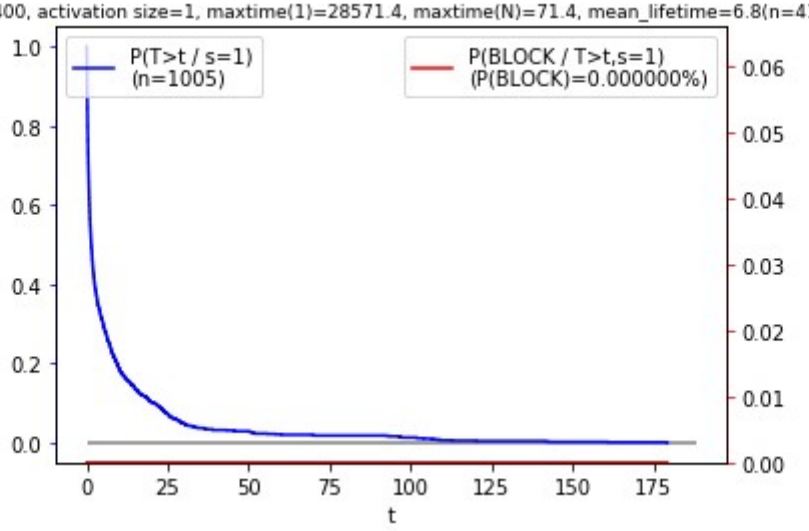
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.7(n=4236), finalize=ABS, seed=1718



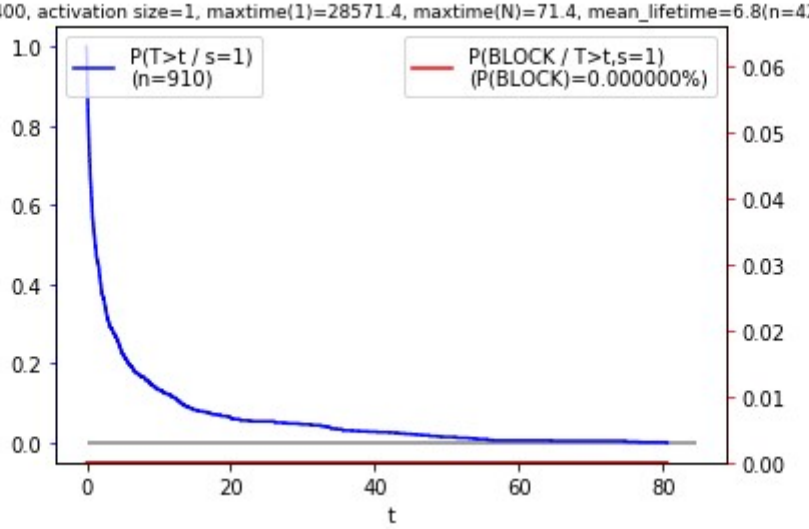
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.7(n=4249), finalize=ABS, seed=1719



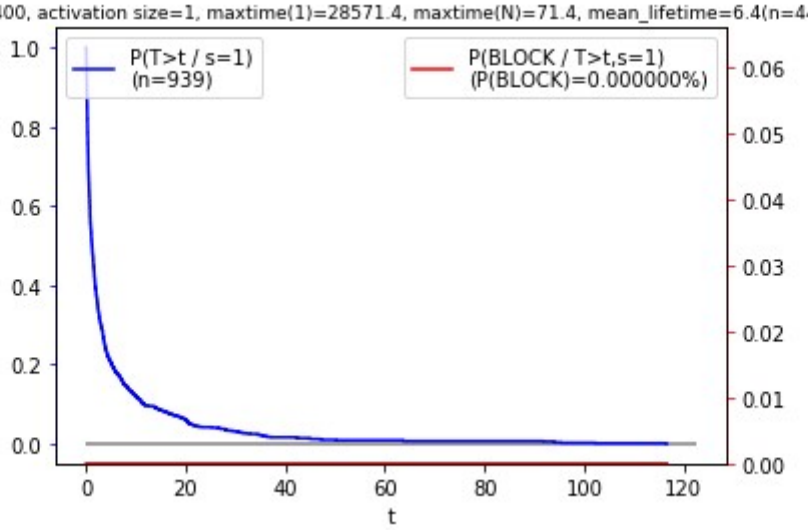
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.8(n=4195), finalize=ABS, seed=1720



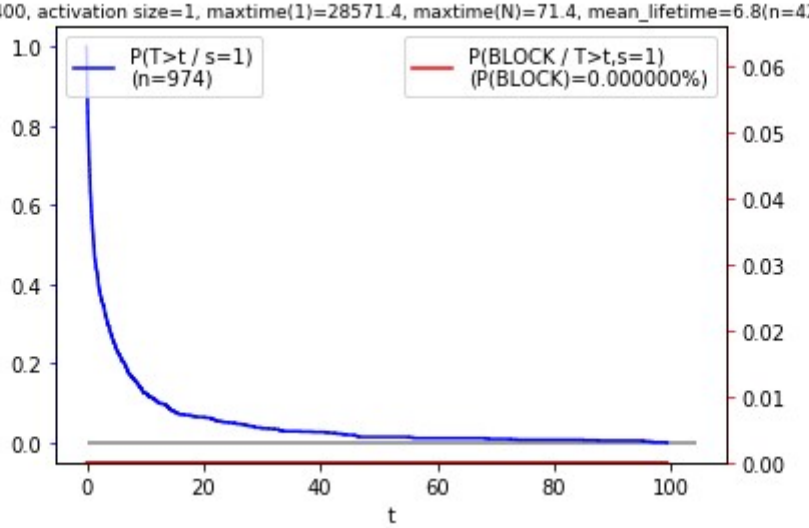
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.8(n=4208), finalize=ABS, seed=172



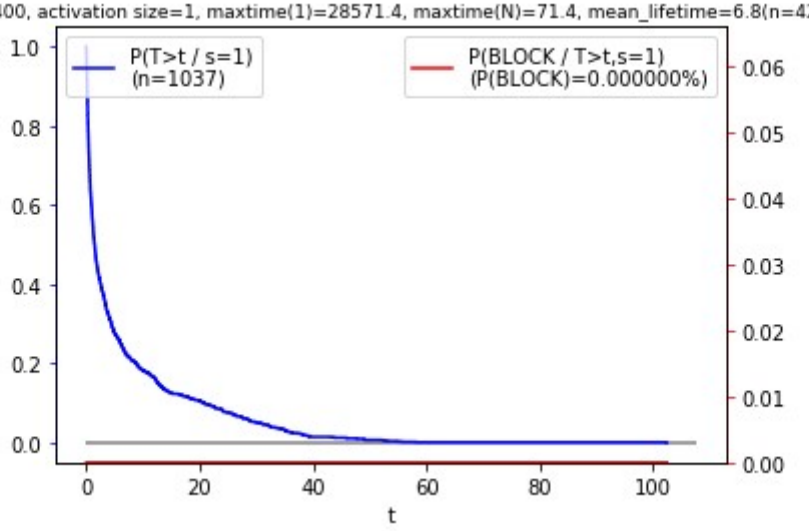
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.4(n=4448), finalize=ABS, seed=172



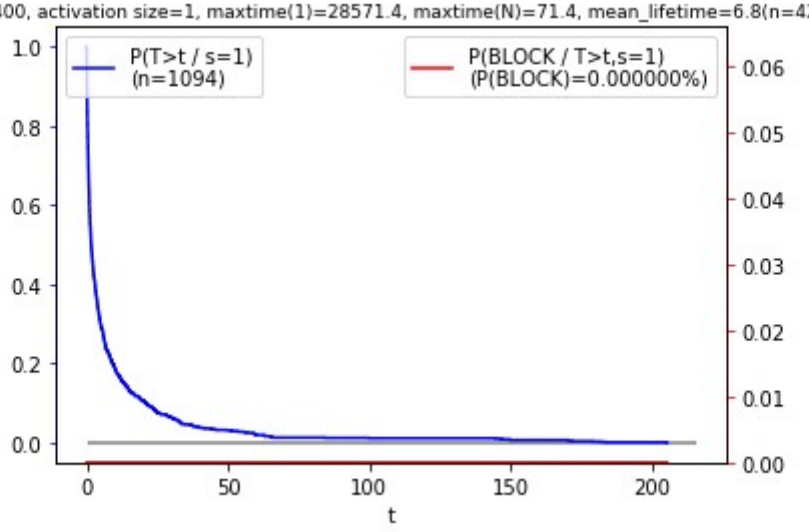
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.8(n=4207), finalize=ABS, seed=172



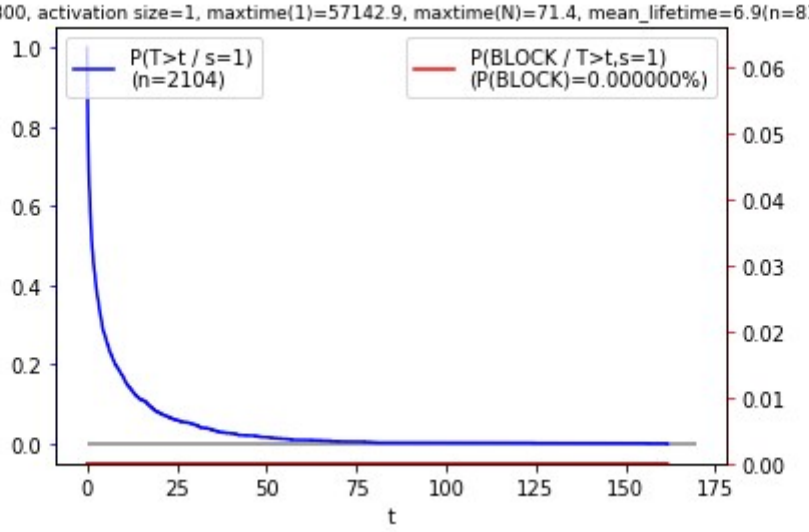
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.8(n=4225), finalize=ABS, seed=172



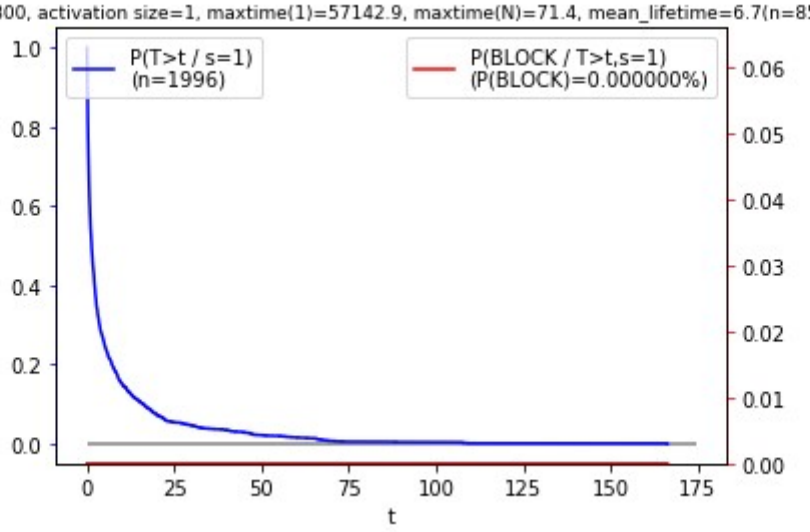
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.8(n=4213), finalize=ABS, seed=172



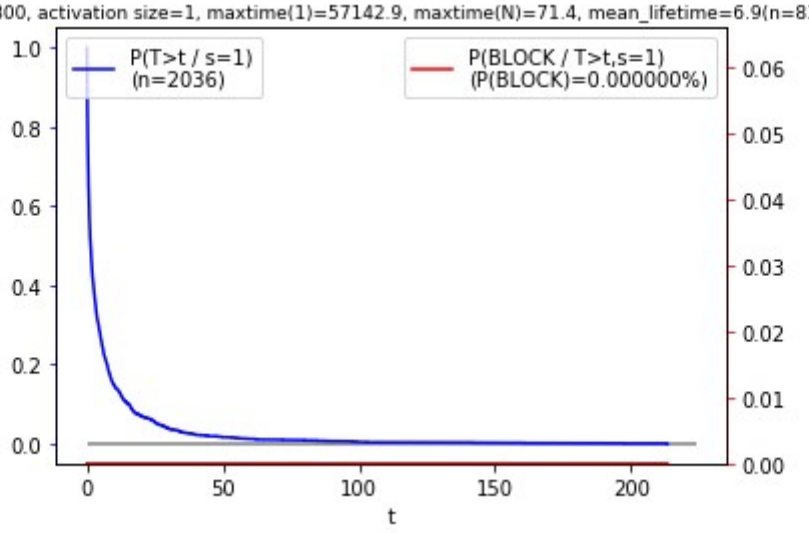
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.9(n=8328), finalize=ABS, seed=171



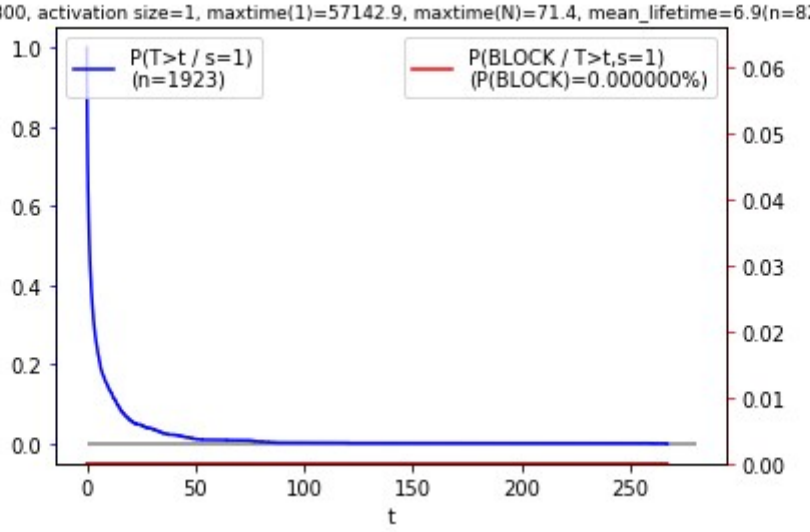
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.7(n=8572), finalize=ABS, seed=171



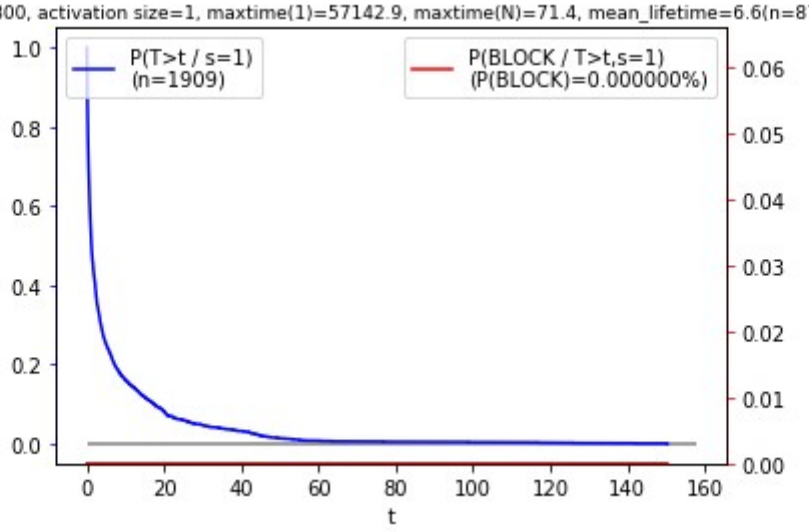
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.9(n=8334), finalize=ABS, seed=172



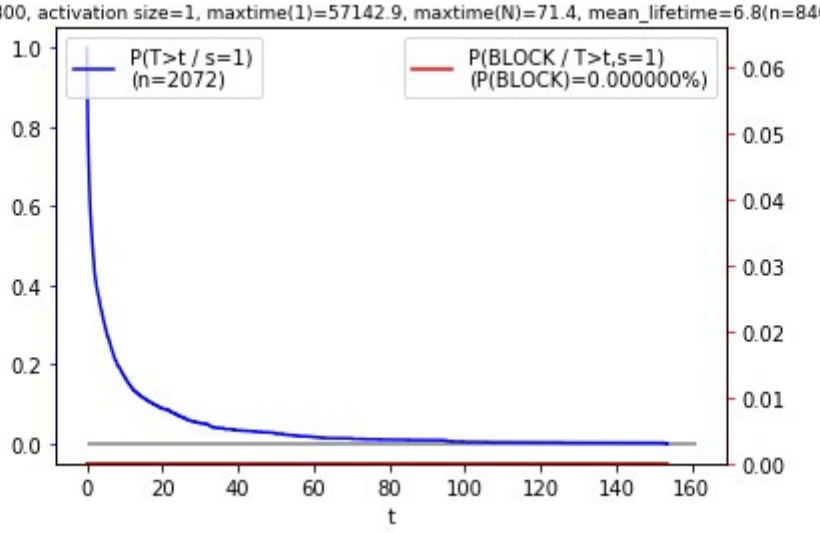
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.9(n=8282), finalize=ABS, seed=172



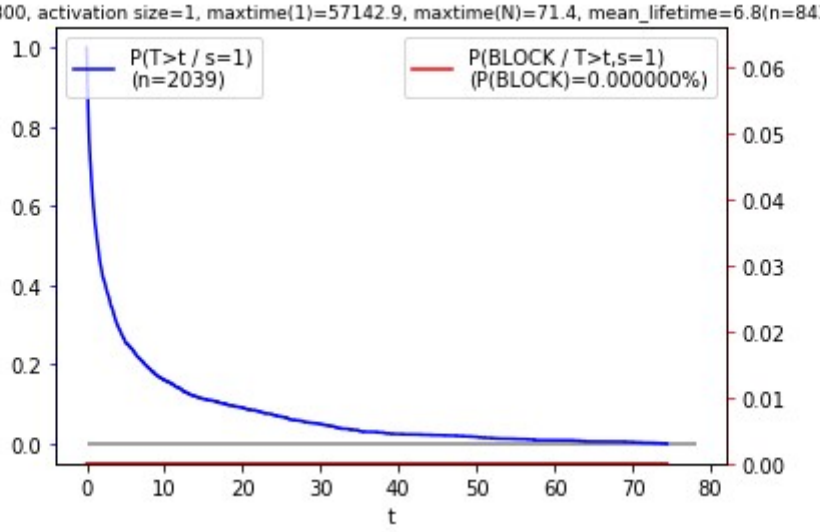
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.6(n=8717), finalize=ABS, seed=172



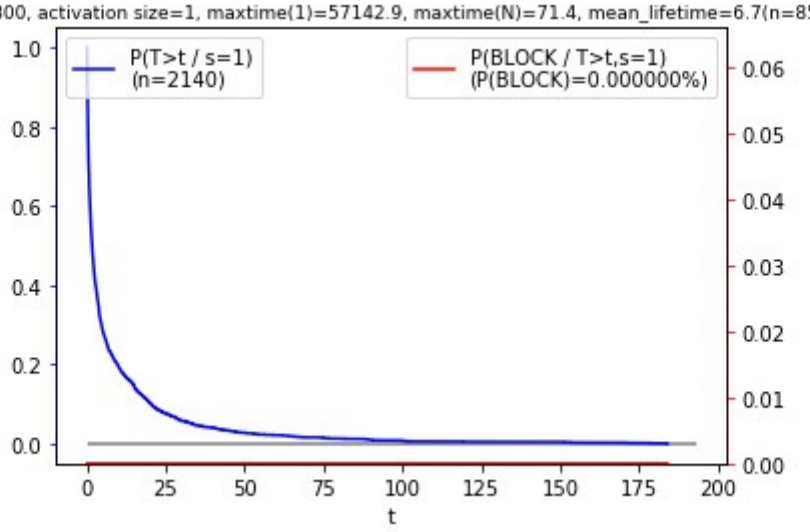
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.8(n=8408), finalize=ABS, seed=172

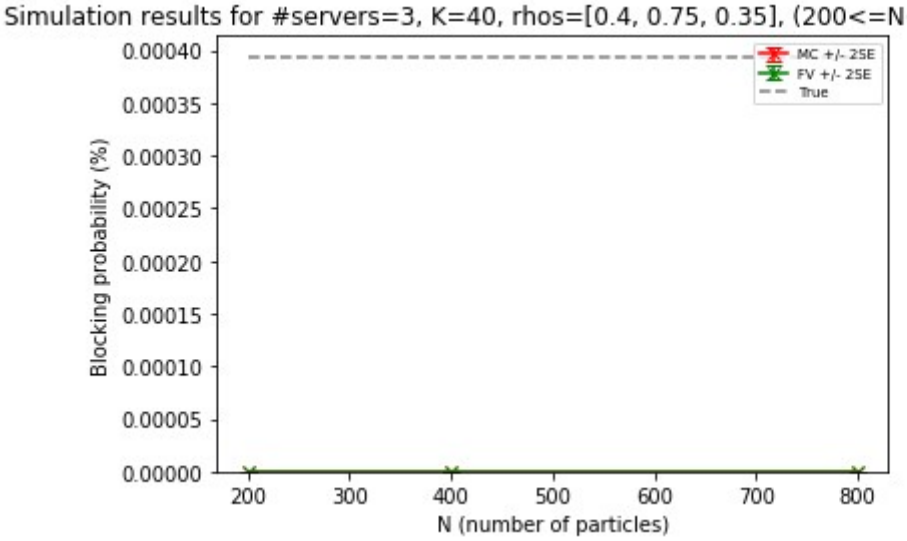


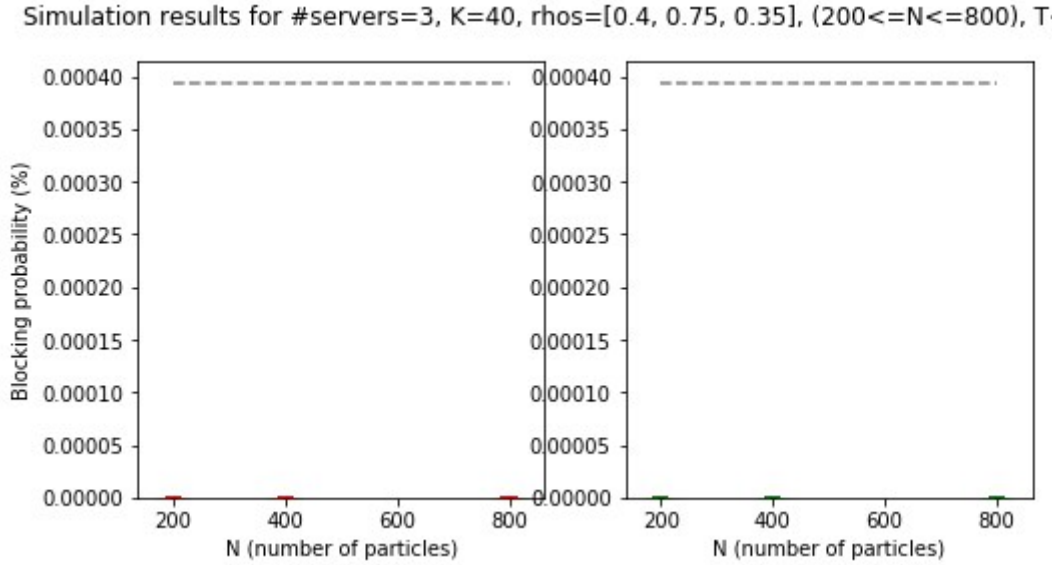
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.8(n=8432), finalize=ABS, seed=172



K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.7(n=8516), finalize=ABS, seed=172







In [2]: