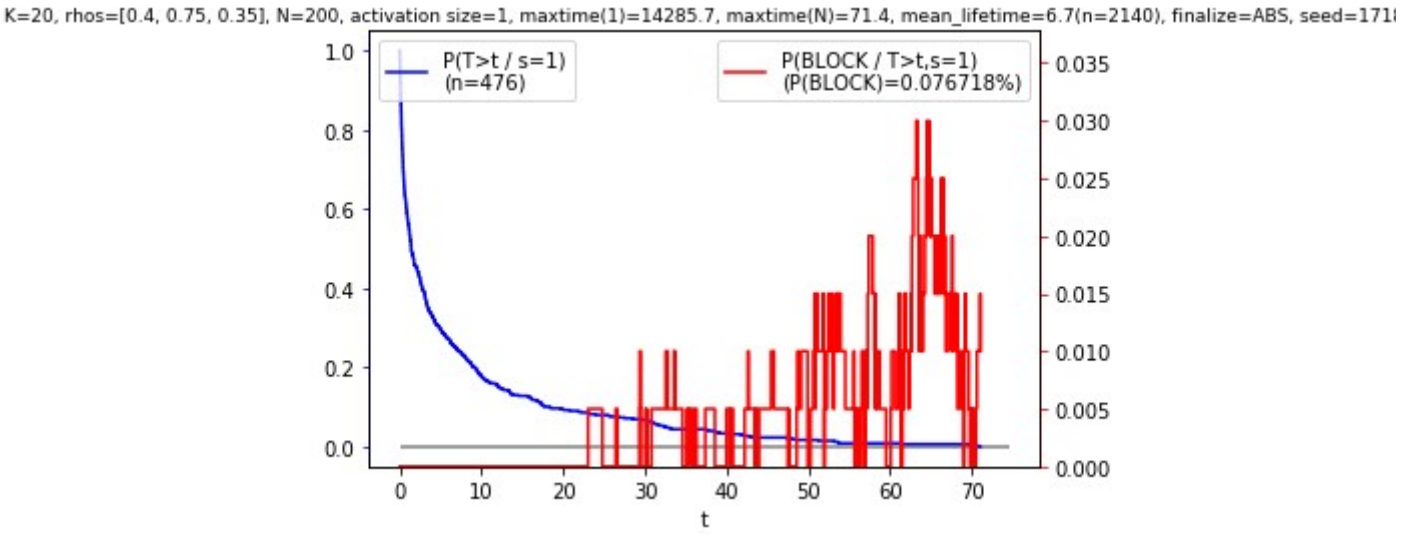
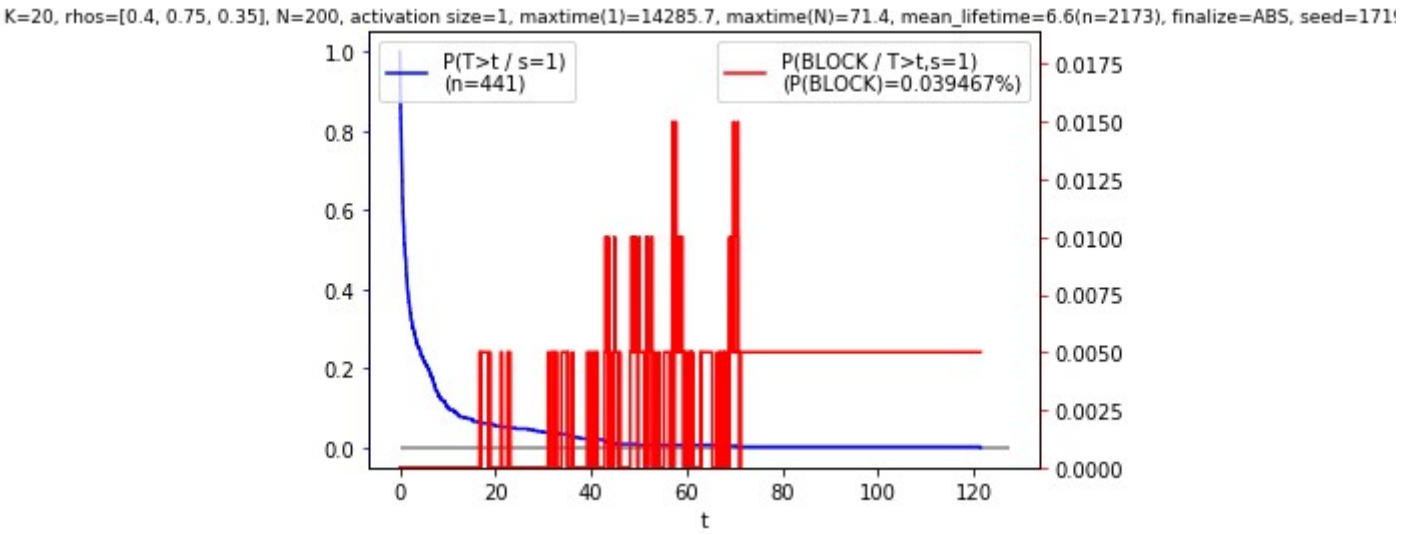
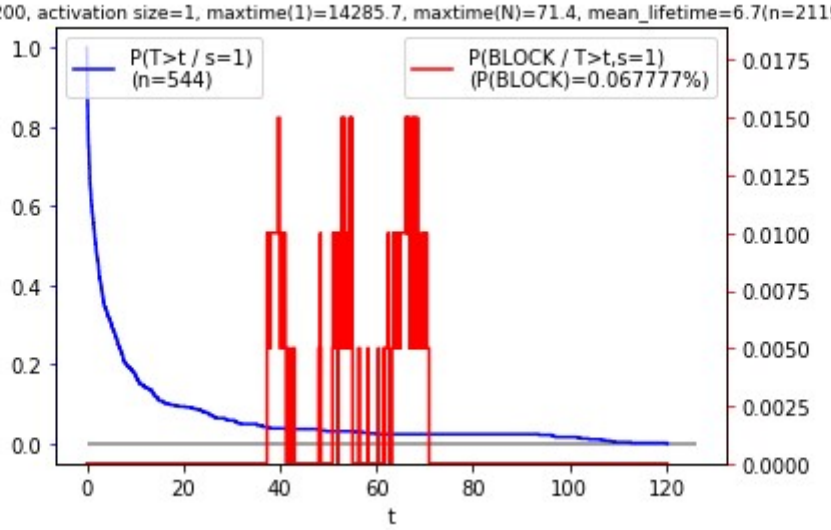
```
Python 3.6.4 |Anaconda custom (64-bit)| (default, Jan 16 2018, 10:22:32) [MSC v.1900 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

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/test_fv_implementation_20210503_234609.log' has been open for
output.
Started at: 2021-05-03 23:46:09
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 03:10:23
Execution time: 204.2 min, 3.4 hours
```

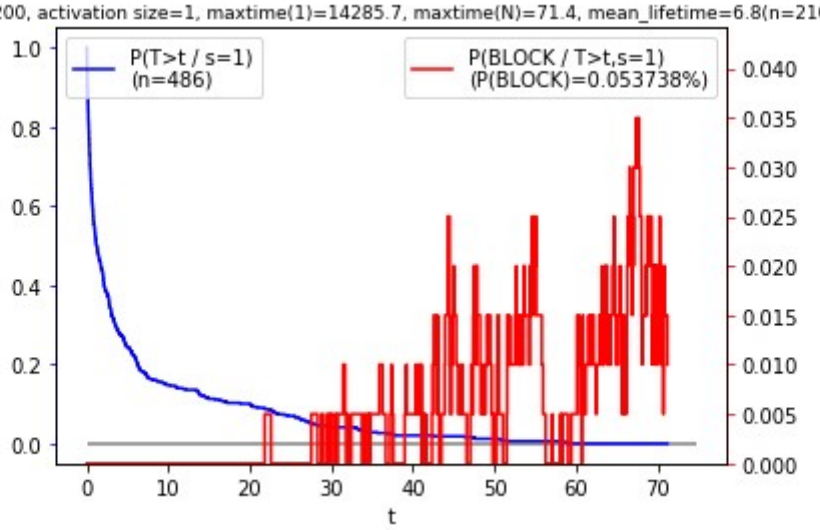




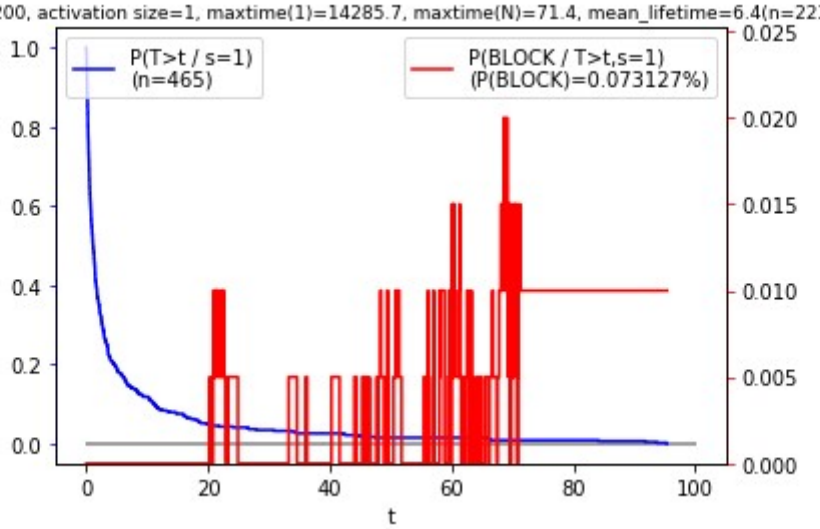
K=20, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.7(n=2119), finalize=ABS, seed=172



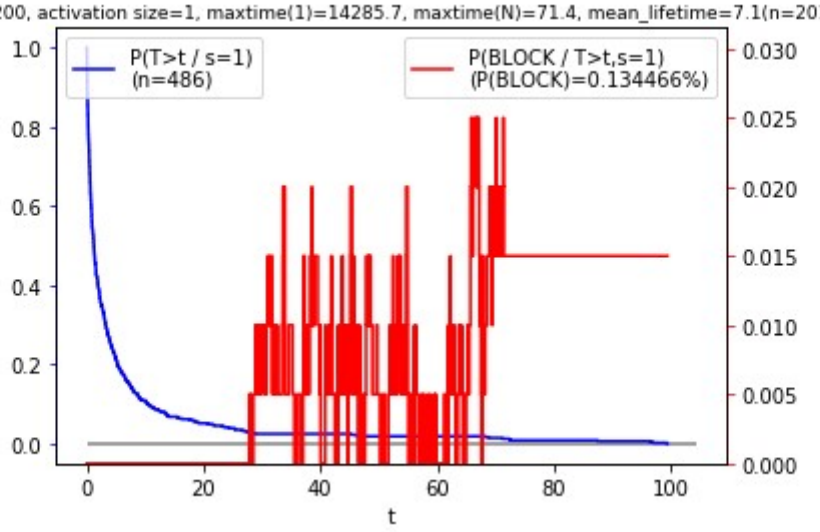
K=20, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.8(n=2108), finalize=ABS, seed=172



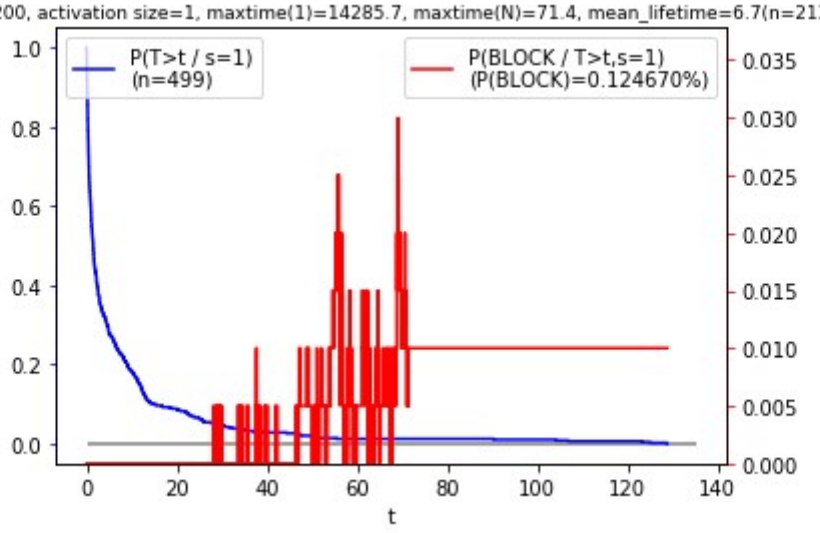
K=20, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.4(n=2233), finalize=ABS, seed=172



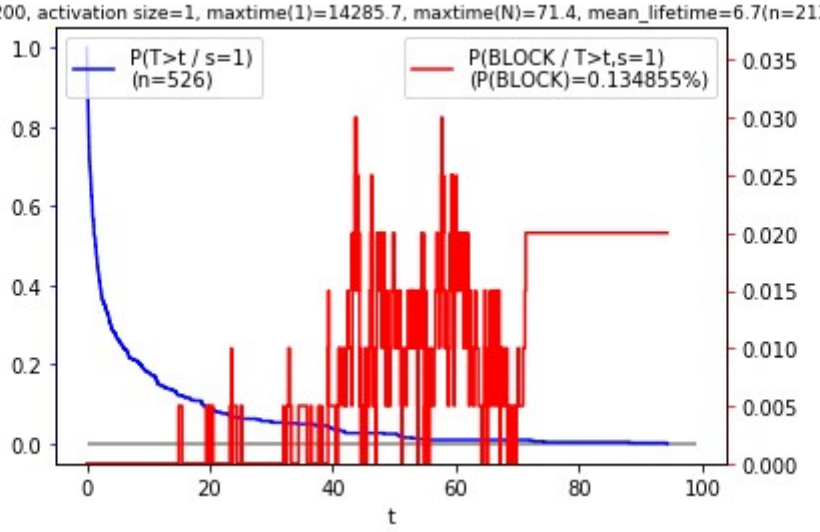
K=20, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=7.1(n=2011), finalize=ABS, seed=172



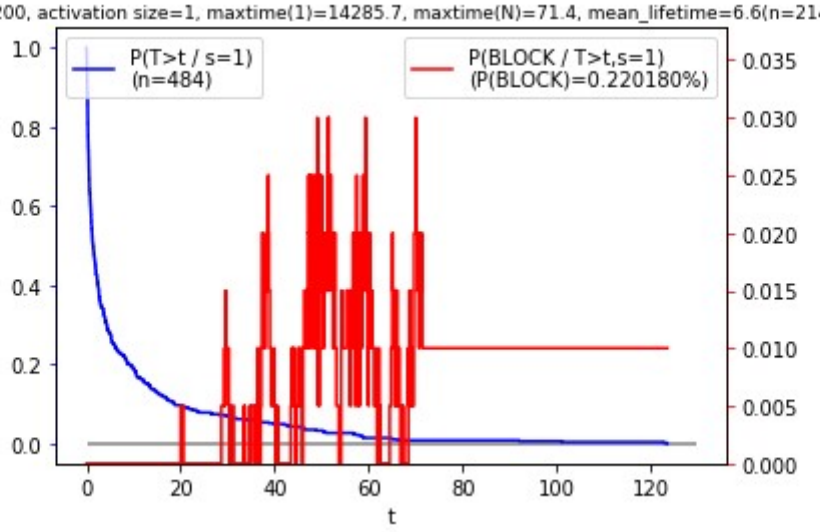
K=20, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.7(n=2133), finalize=ABS, seed=172



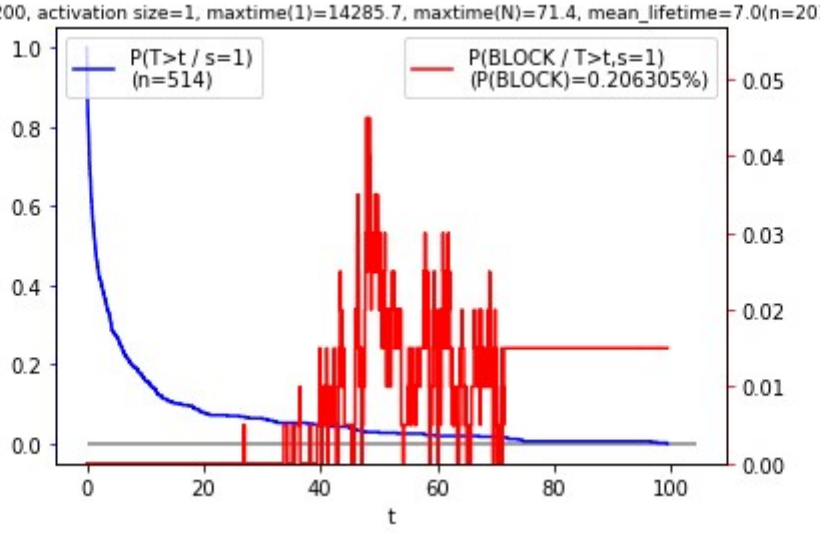
K=20, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.7(n=2136), finalize=ABS, seed=172



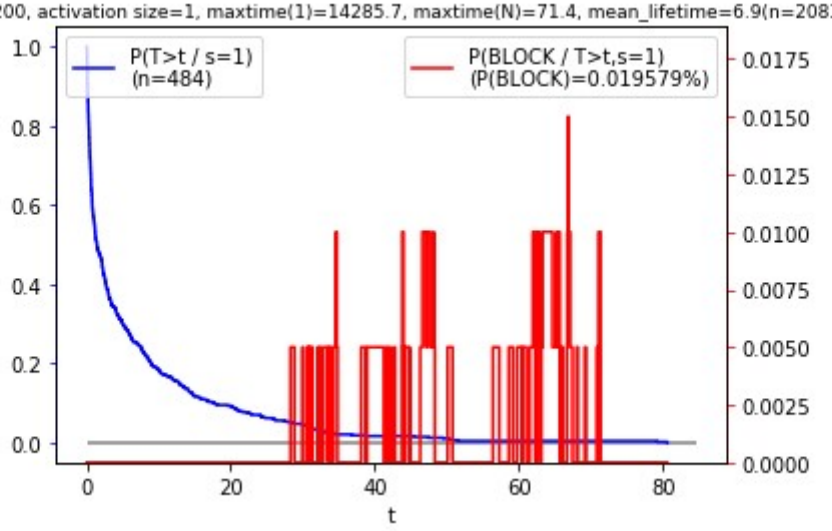
K=20, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.6(n=2149), finalize=ABS, seed=172



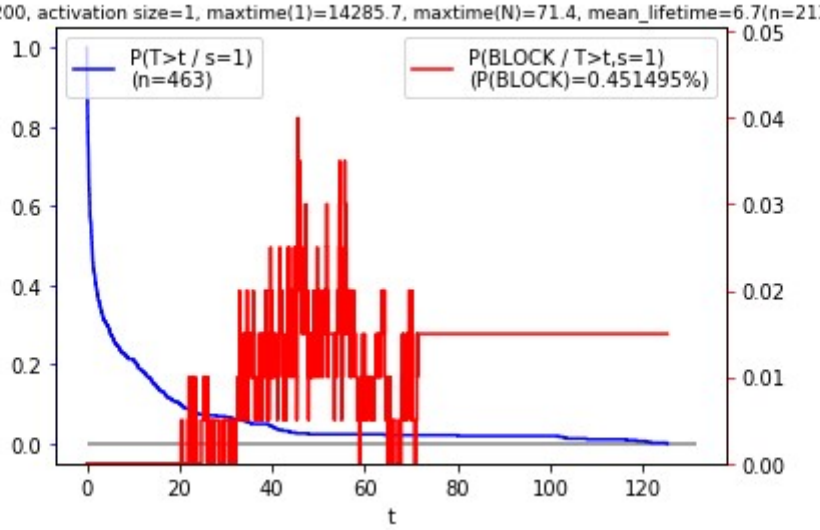
K=20, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=7.0(n=2016), finalize=ABS, seed=172



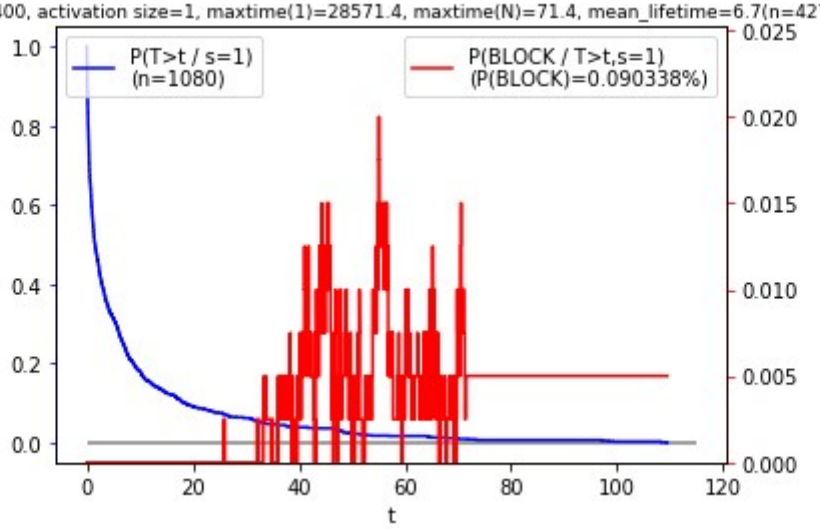
K=20, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.9(n=2083), finalize=ABS, seed=172



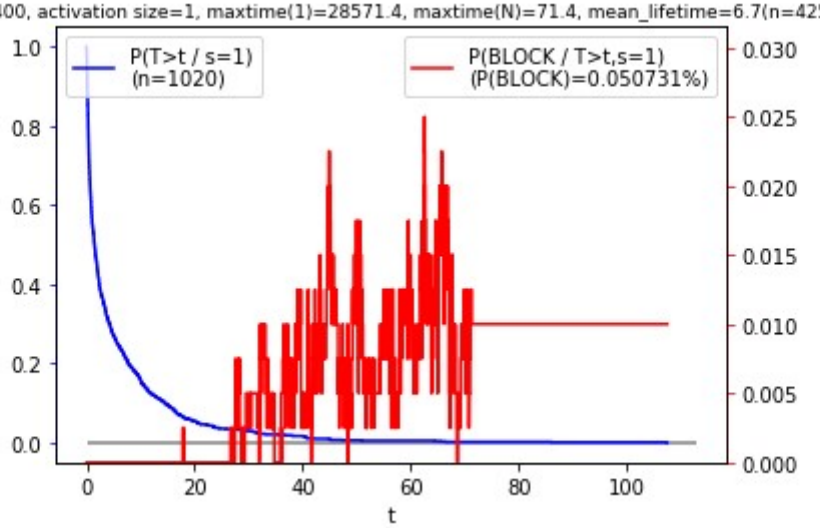
K=20, rhos=[0.4, 0.75, 0.35], N=200, activation size=1, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=6.7(n=2131), finalize=ABS, seed=172



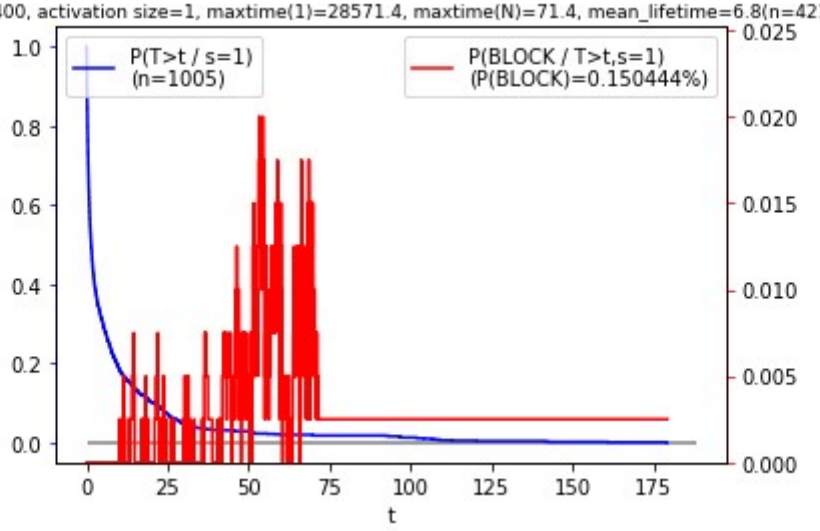
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.7(n=4271), finalize=ABS, seed=171



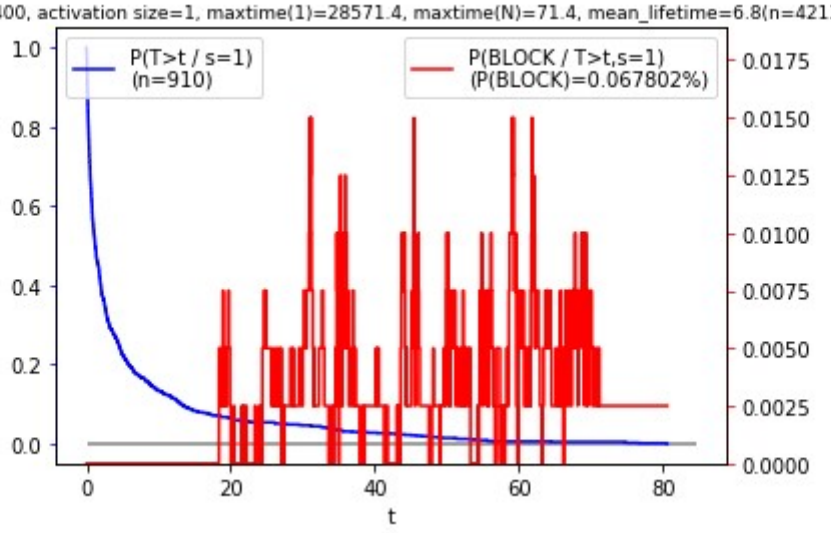
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.7(n=4254), finalize=ABS, seed=171



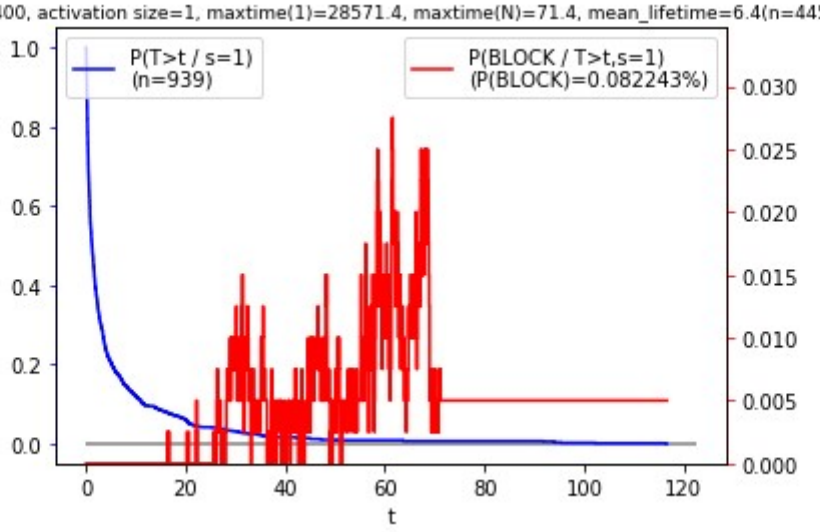
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.8(n=4217), finalize=ABS, seed=172



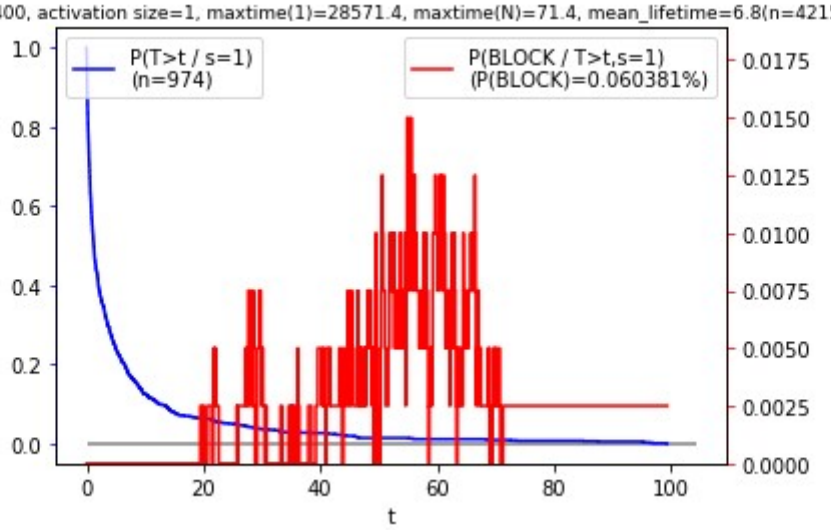
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.8(n=4213), finalize=ABS, seed=172



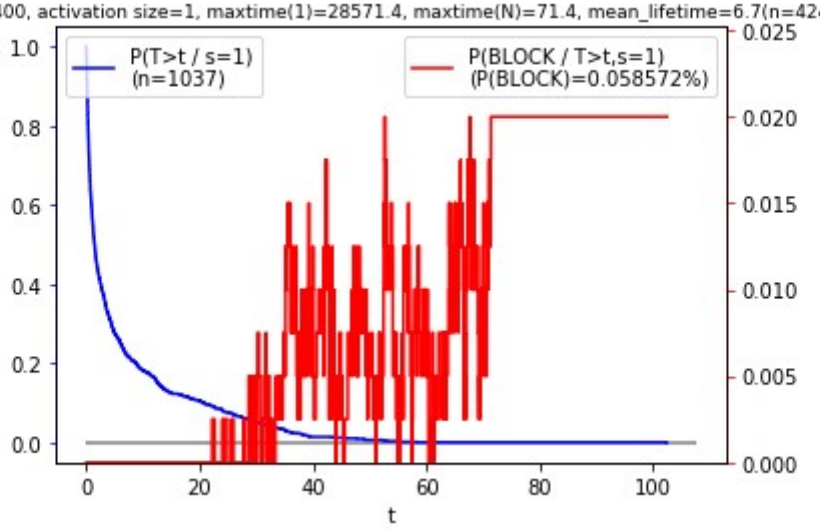
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.4(n=4454), finalize=ABS, seed=172



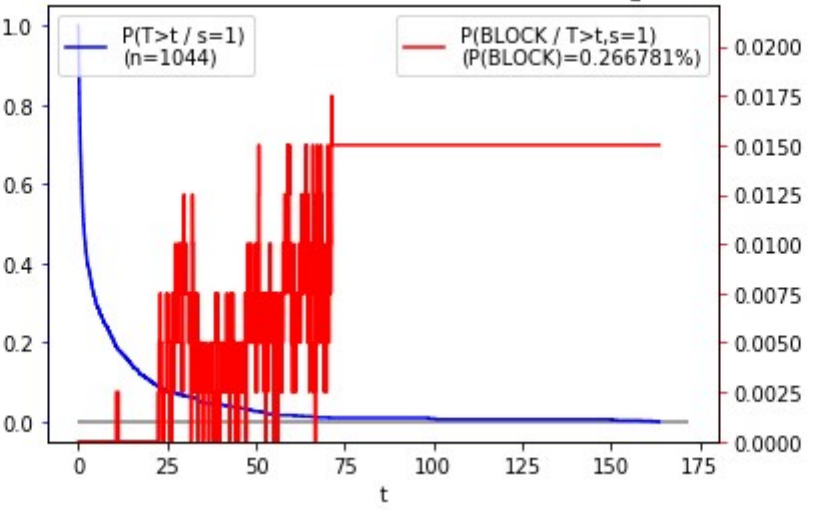
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.8(n=4215), finalize=ABS, seed=172



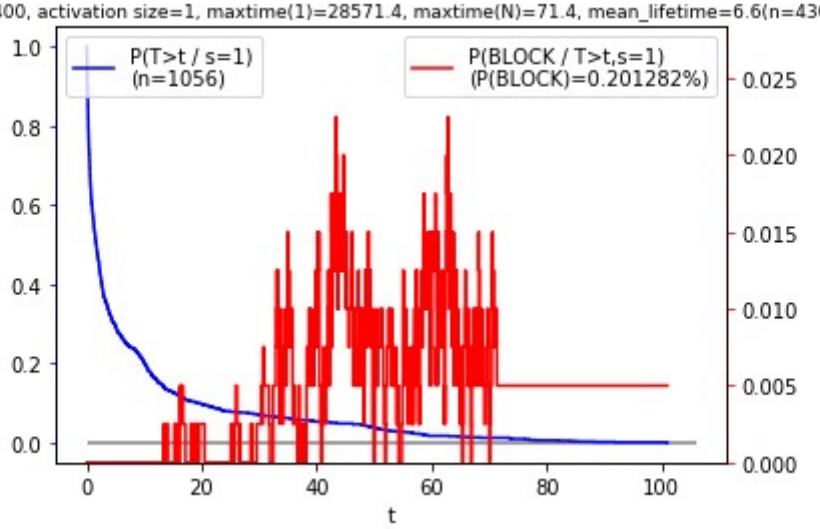
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.7(n=4248), finalize=ABS, seed=172



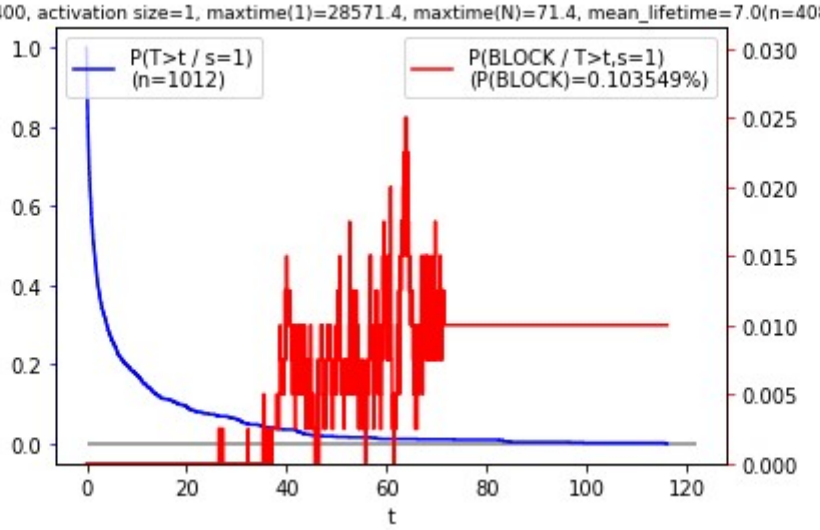
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.8(n=4225), finalize=ABS, seed=172



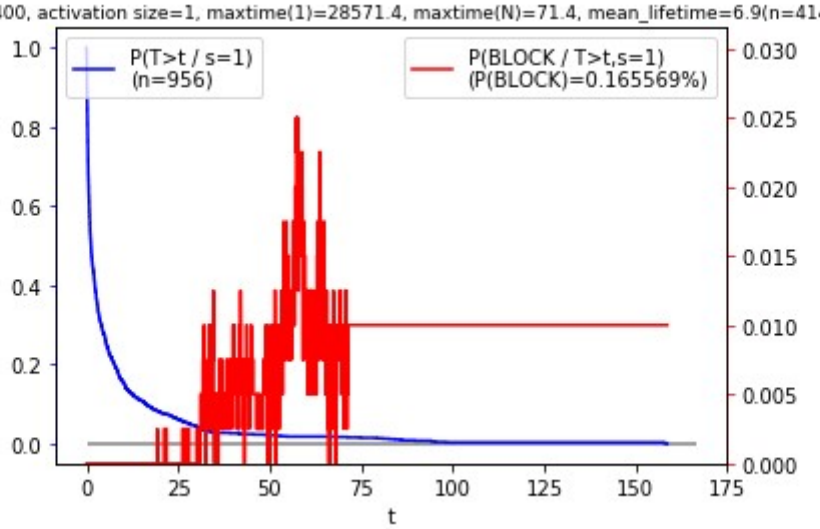
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.6(n=4301), finalize=ABS, seed=172



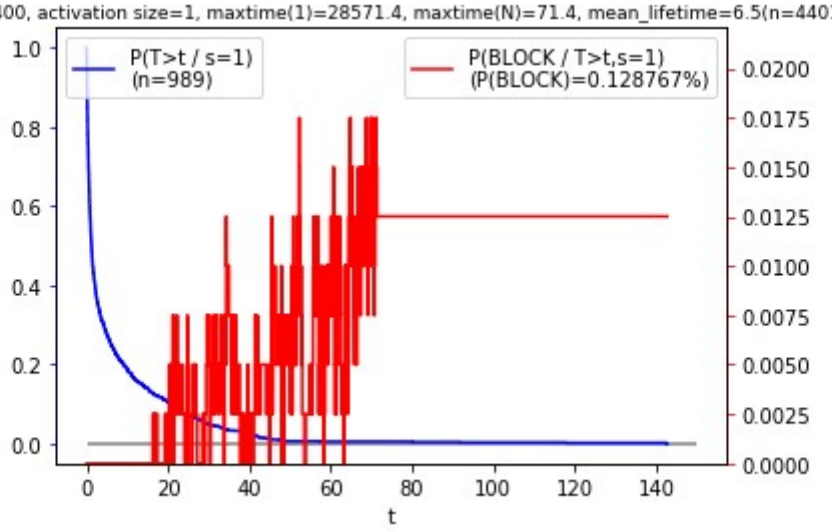
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=7.0(n=4084), finalize=ABS, seed=172



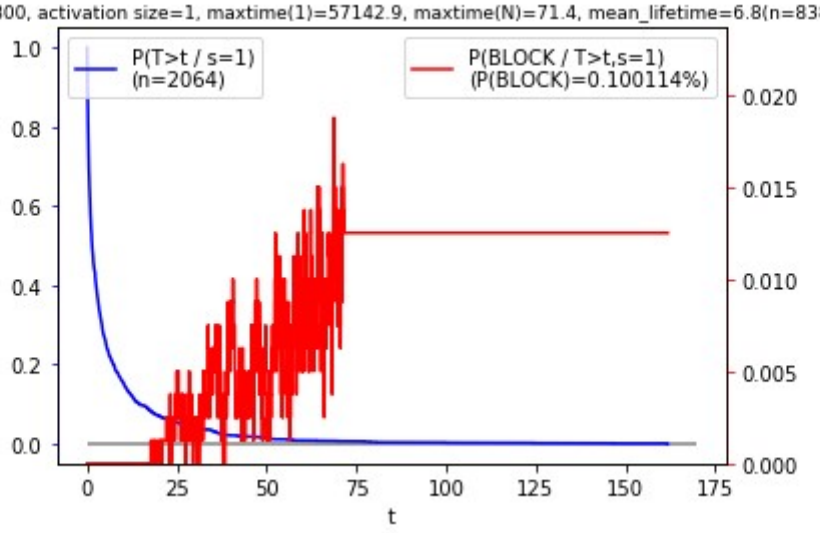
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.9(n=4147), finalize=ABS, seed=172



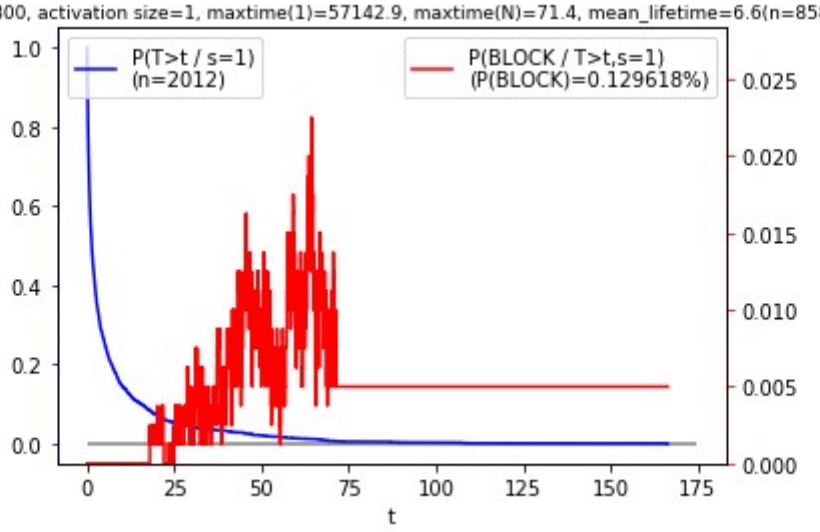
K=20, rhos=[0.4, 0.75, 0.35], N=400, activation size=1, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=6.5(n=4401), finalize=ABS, seed=172



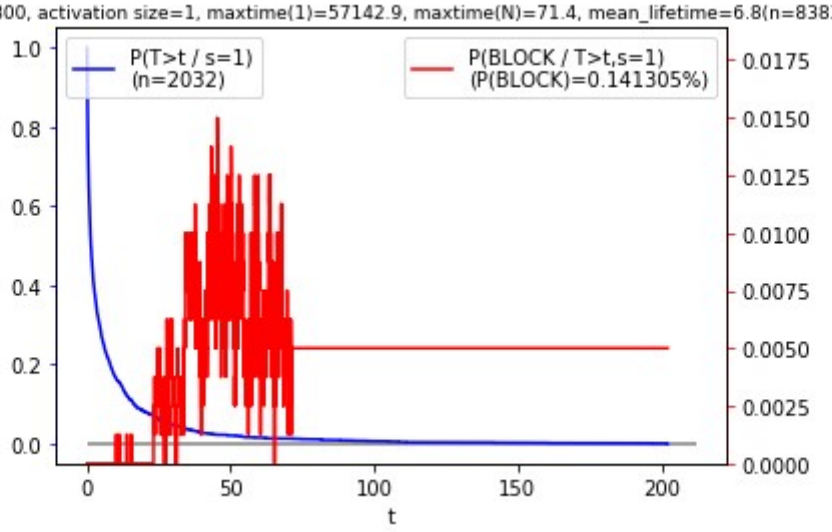
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.8(n=8380), finalize=ABS, seed=171



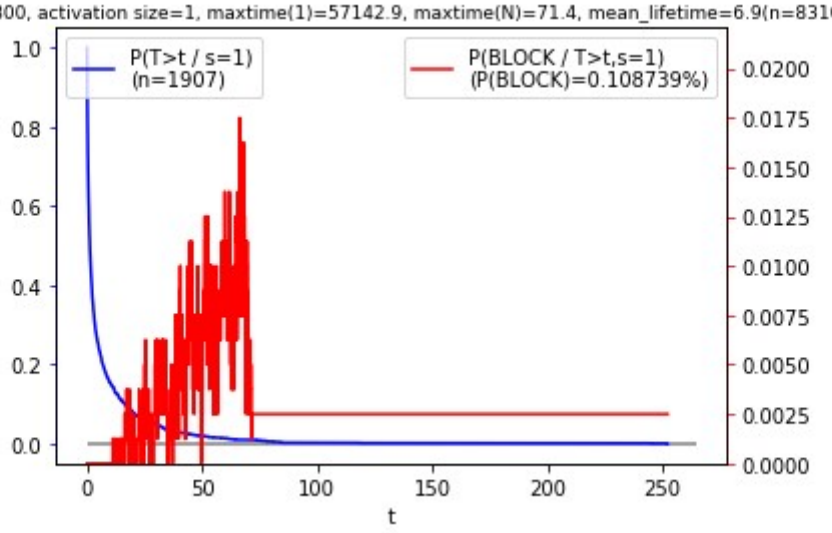
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.6(n=8585), finalize=ABS, seed=171



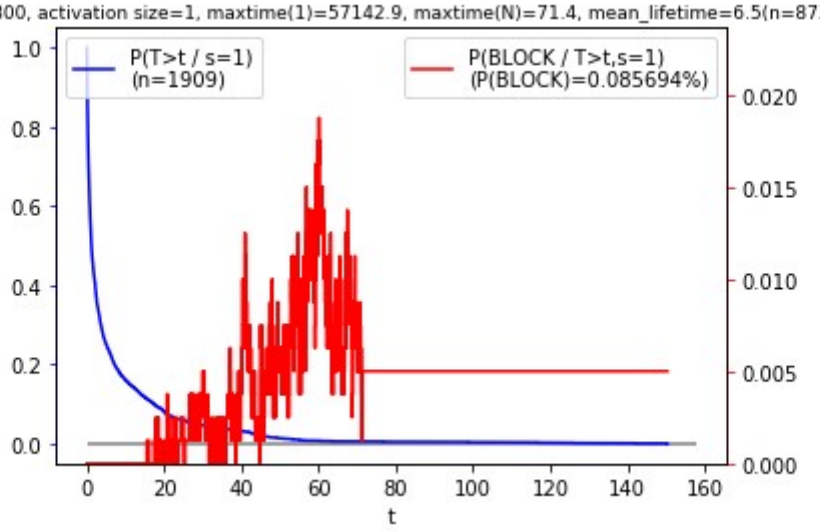
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.8(n=8383), finalize=ABS, seed=172



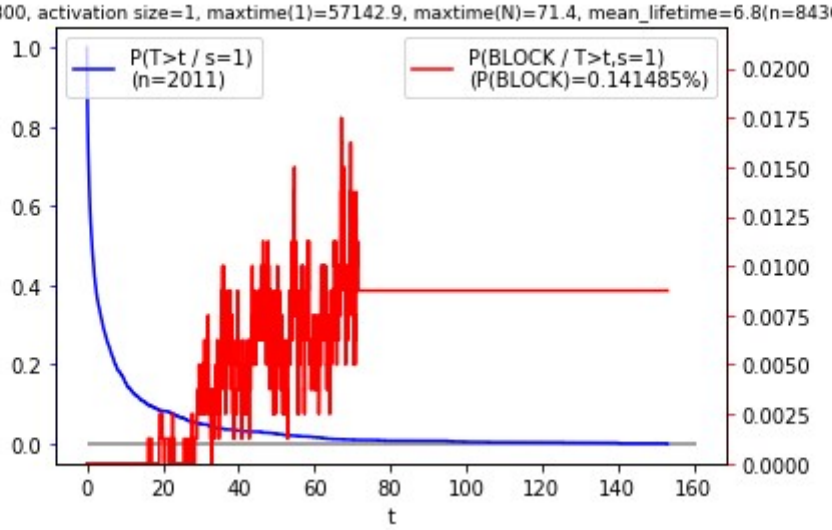
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.9(n=8310), finalize=ABS, seed=172



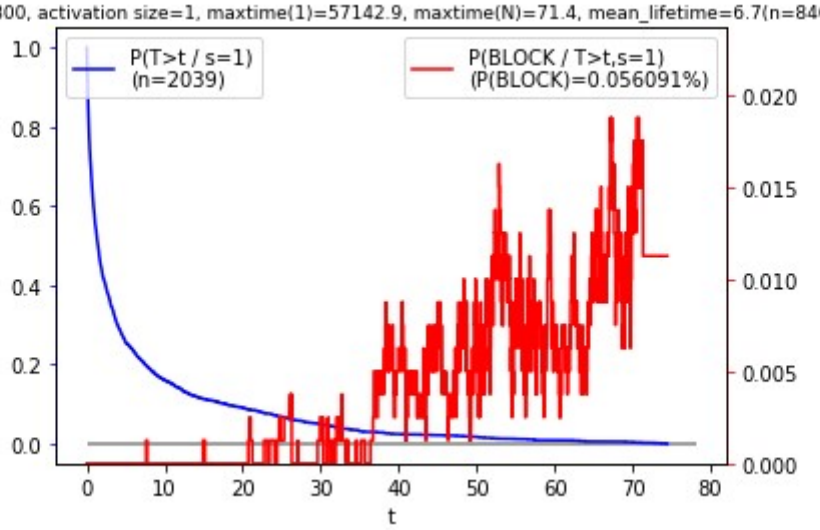
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.5(n=8730), finalize=ABS, seed=172



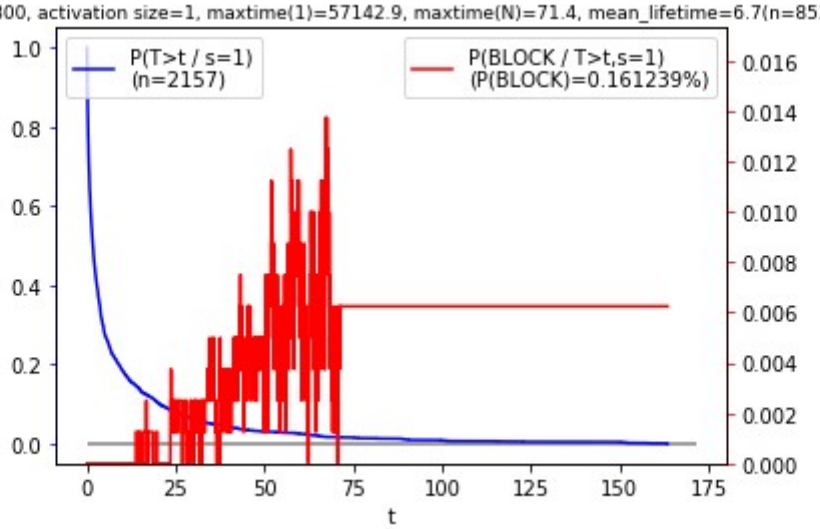
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.8(n=8436), finalize=ABS, seed=172



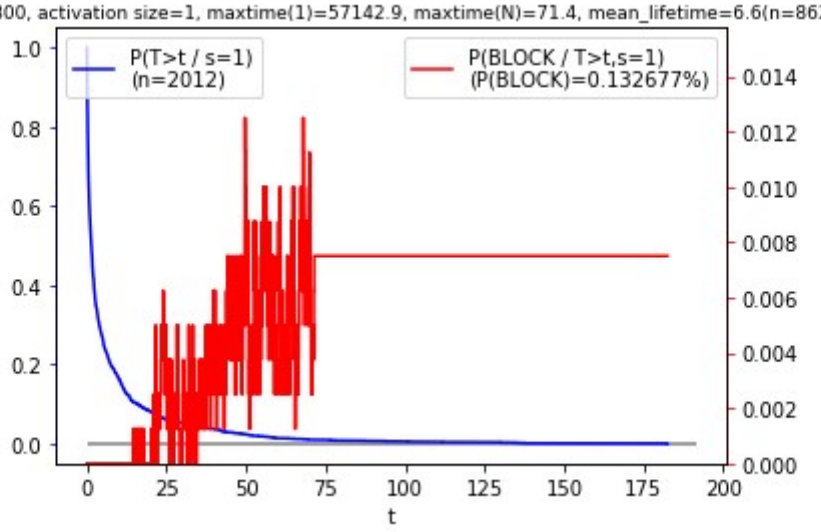
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.7(n=8468), finalize=ABS, seed=172



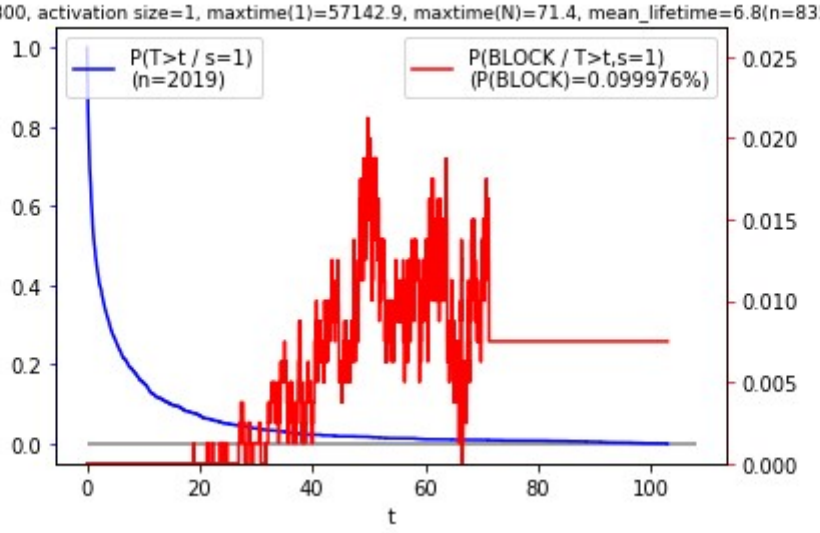
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.7(n=8535), finalize=ABS, seed=172



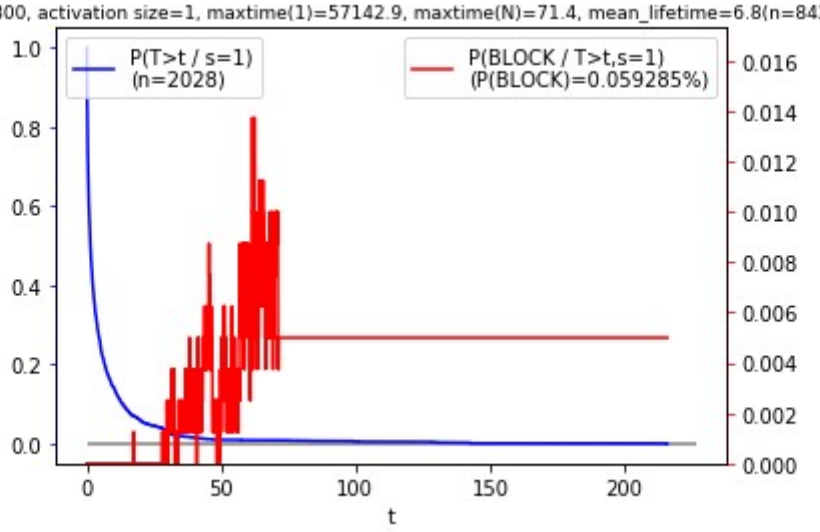
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.6(n=8629), finalize=ABS, seed=172



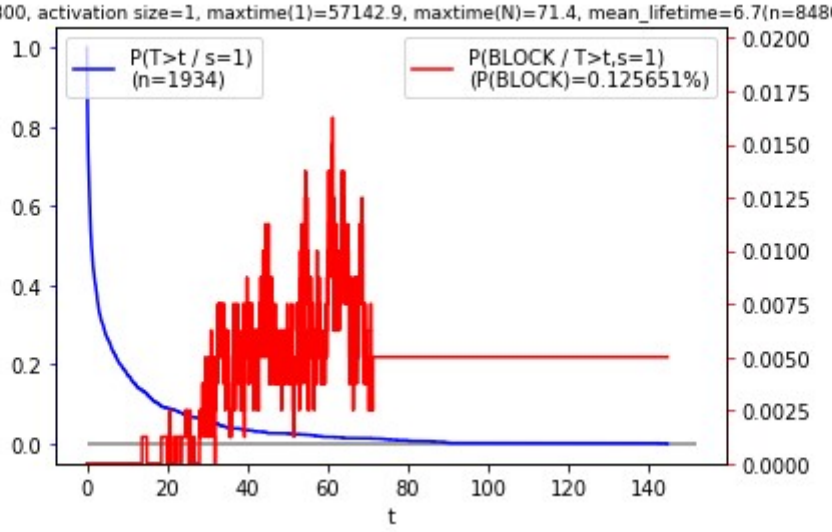
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.8(n=8359), finalize=ABS, seed=172



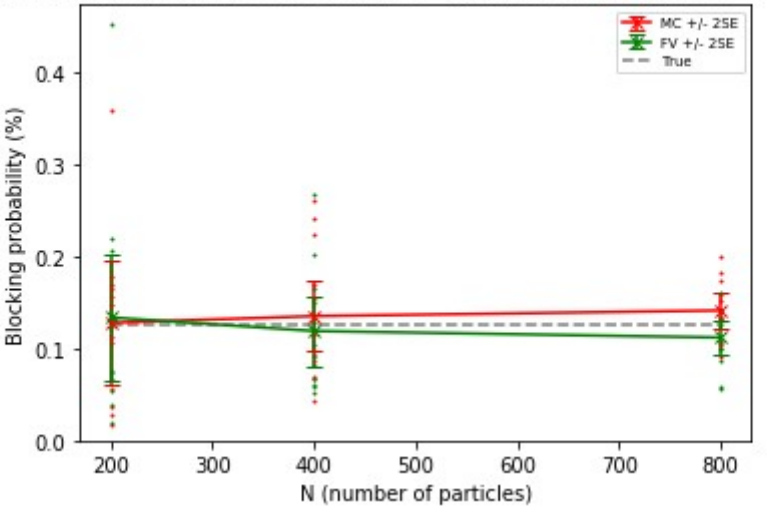
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.8(n=8429), finalize=ABS, seed=172



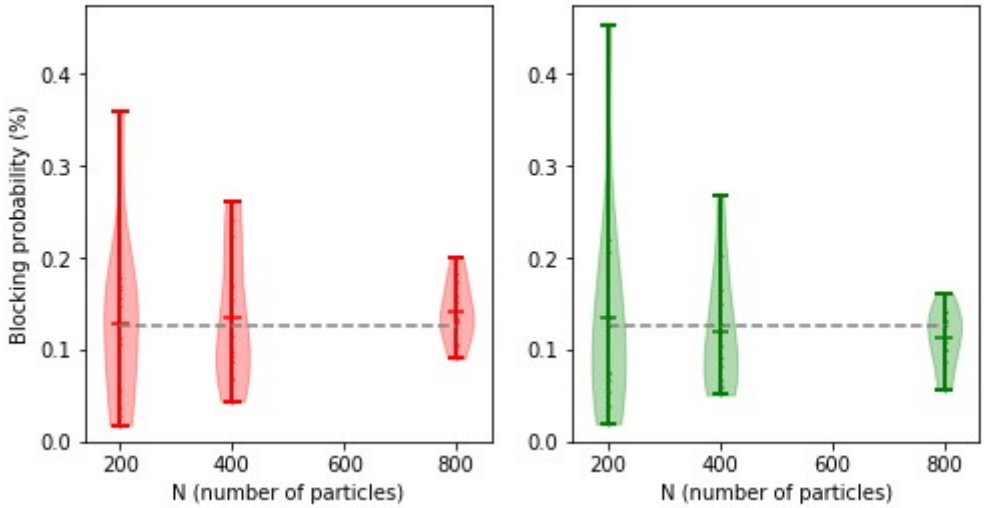
K=20, rhos=[0.4, 0.75, 0.35], N=800, activation size=1, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=6.7(n=8480), finalize=ABS, seed=172



Simulation results for #servers=3, K=20, rhos=[0.4, 0.75, 0.35], (200<=N<=800), T<=71



Simulation results for #servers=3, K=20, rhos=[0.4, 0.75, 0.35], (200<=N<=800), T<=71



In [2]: