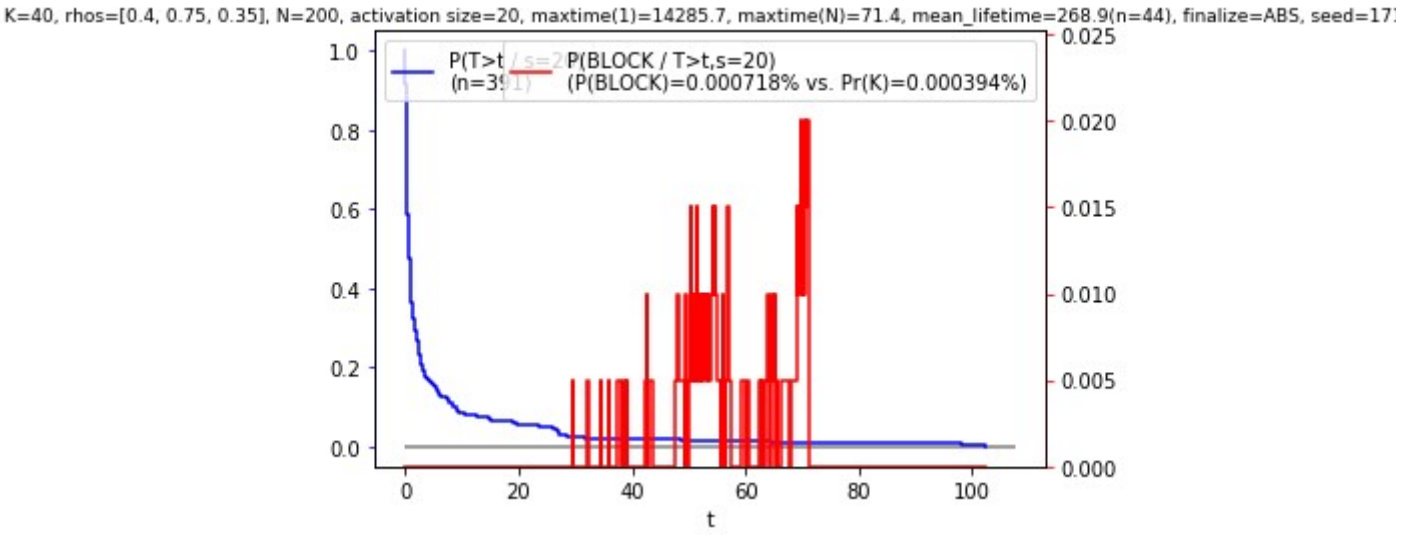
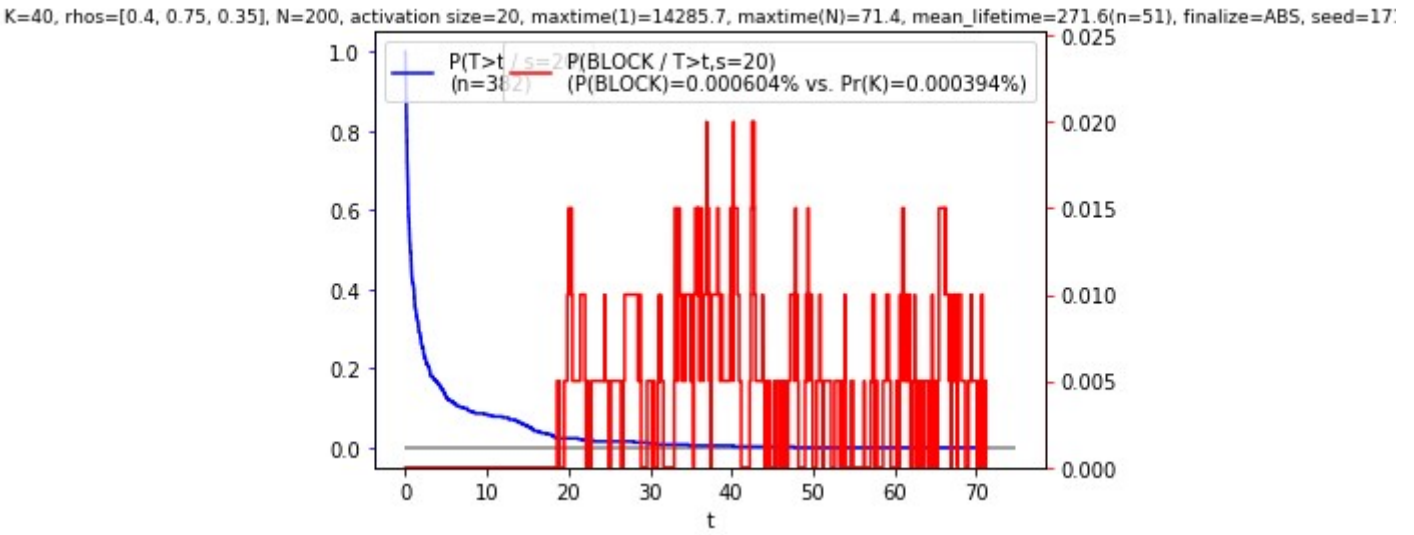
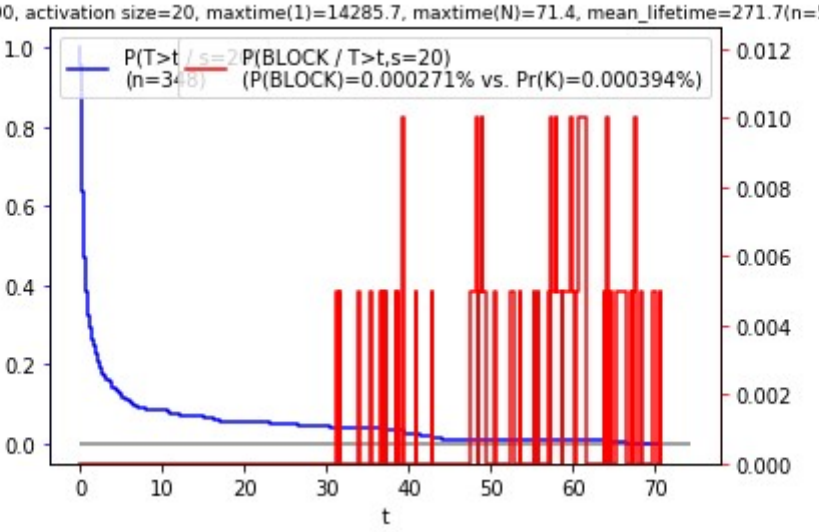
```
Python 3.6.4 |Anaconda custom (64-bit)| (default, Jan 16 2018, 10:22:32) [MSC v.1900 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

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_20210504_131456.log' has been open for
output.
Started at: 2021-05-04 13:14:56
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 14:58:45
Execution time: 103.8 min, 1.7 hours
```

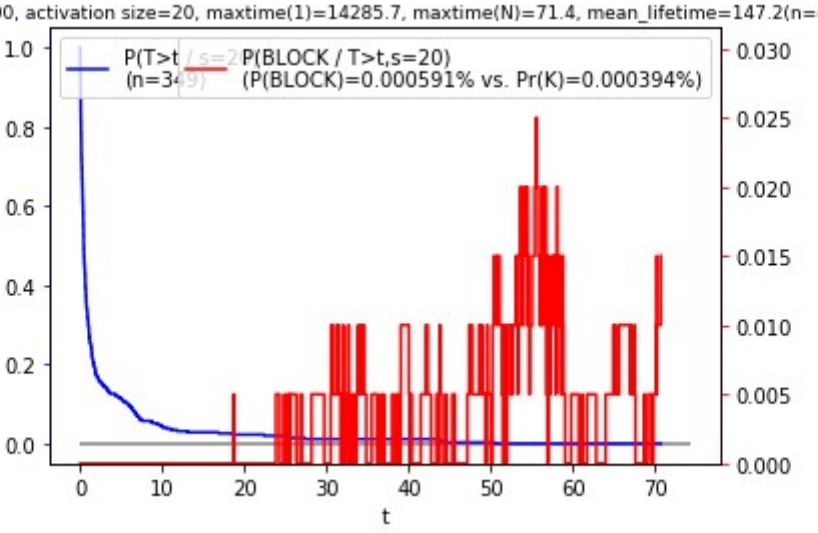




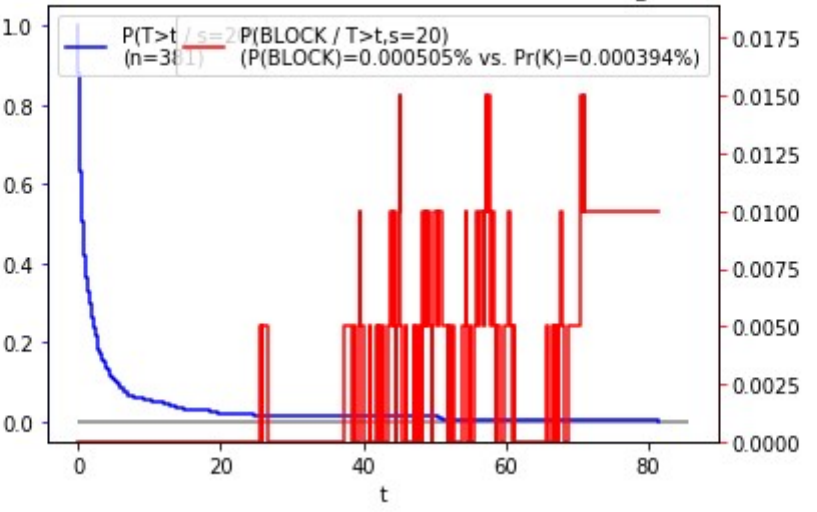
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=20, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=271.7(n=50), finalize=ABS, seed=17



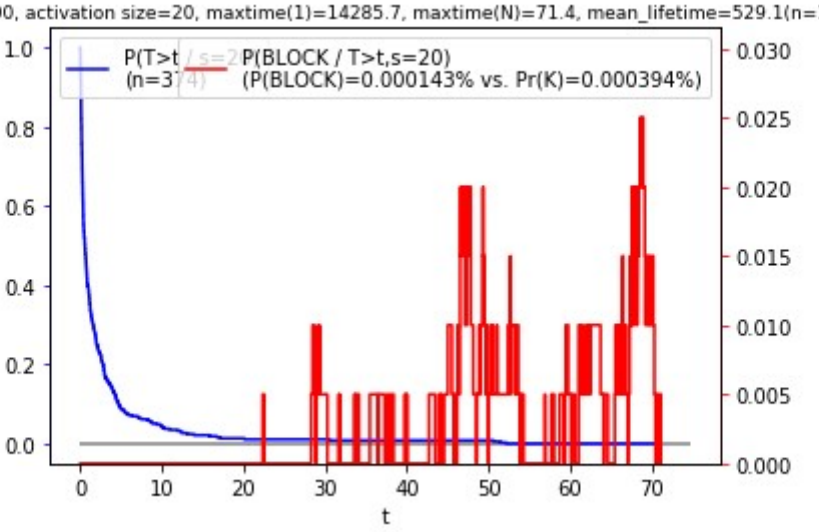
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=20, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=147.2(n=81), finalize=ABS, seed=17



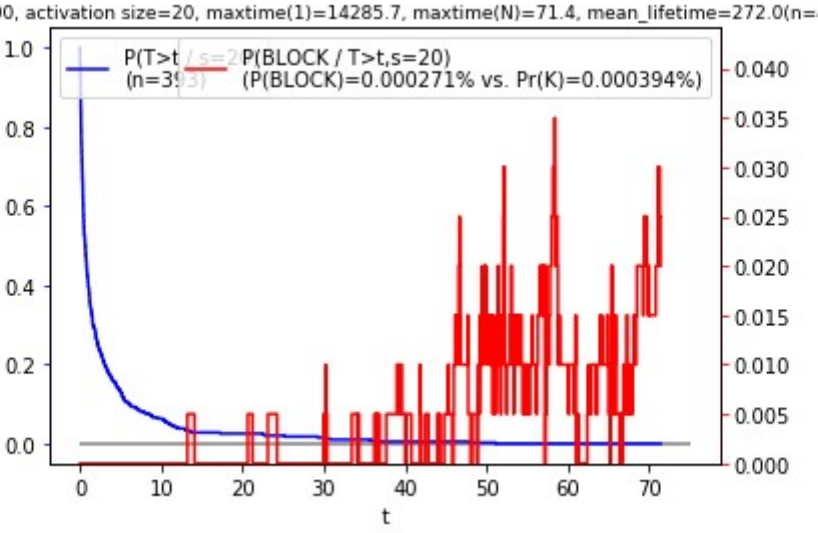
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=20, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=277.4(n=51), finalize=ABS, seed=17



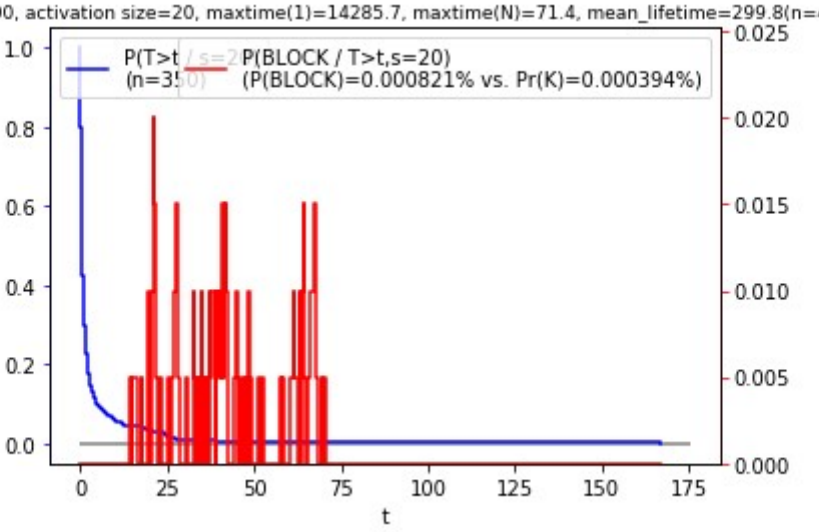
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=20, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=529.1(n=19), finalize=ABS, seed=17



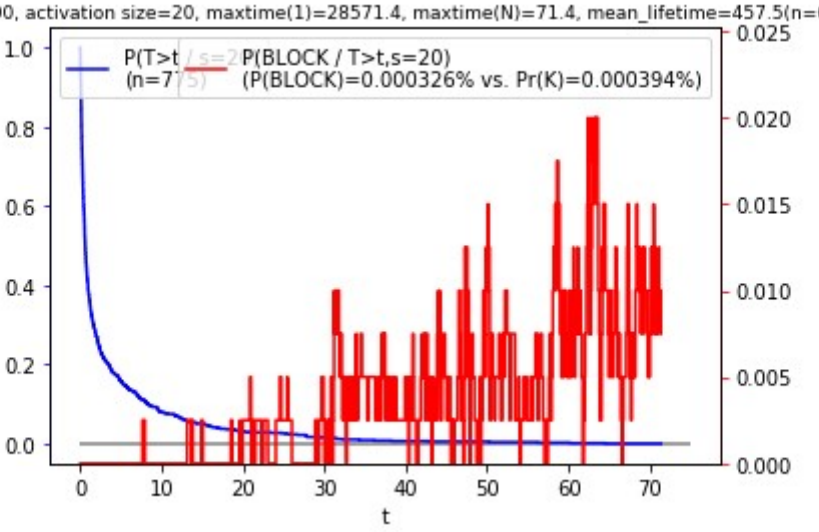
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=20, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=272.0(n=47), finalize=ABS, seed=17



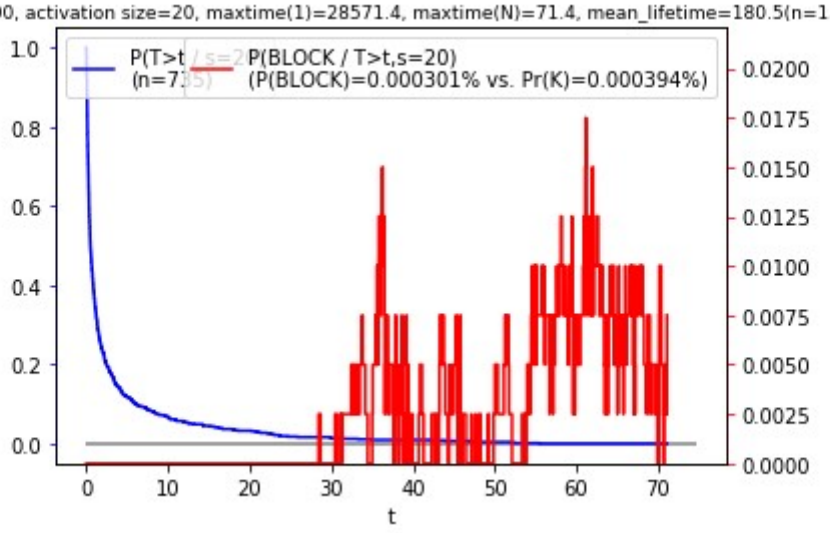
K=40, rhos=[0.4, 0.75, 0.35], N=200, activation size=20, maxtime(1)=14285.7, maxtime(N)=71.4, mean_lifetime=299.8(n=44), finalize=ABS, seed=17



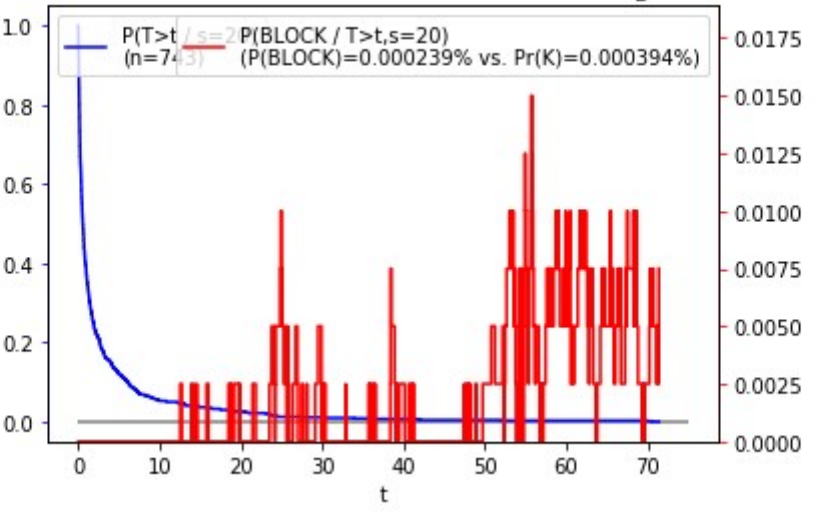
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=457.5(n=62), finalize=ABS, seed=17



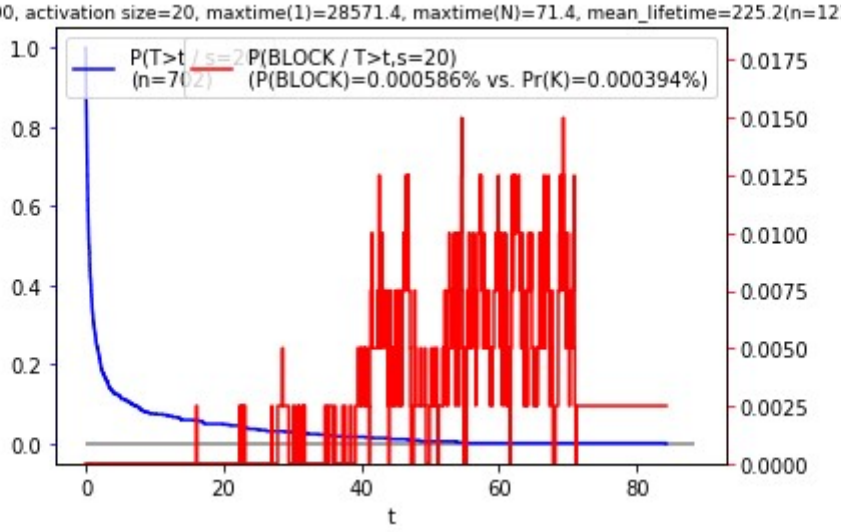
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=180.5(n=136), finalize=ABS, seed=1



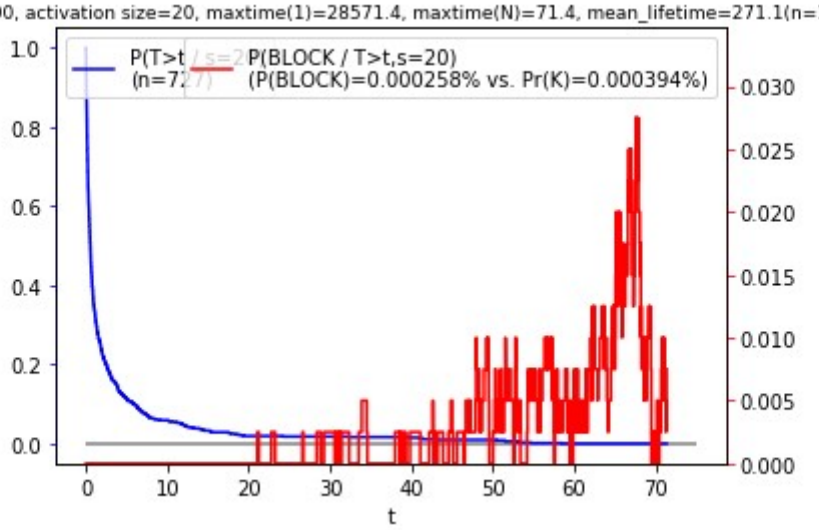
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=301.4(n=93), finalize=ABS, seed=17



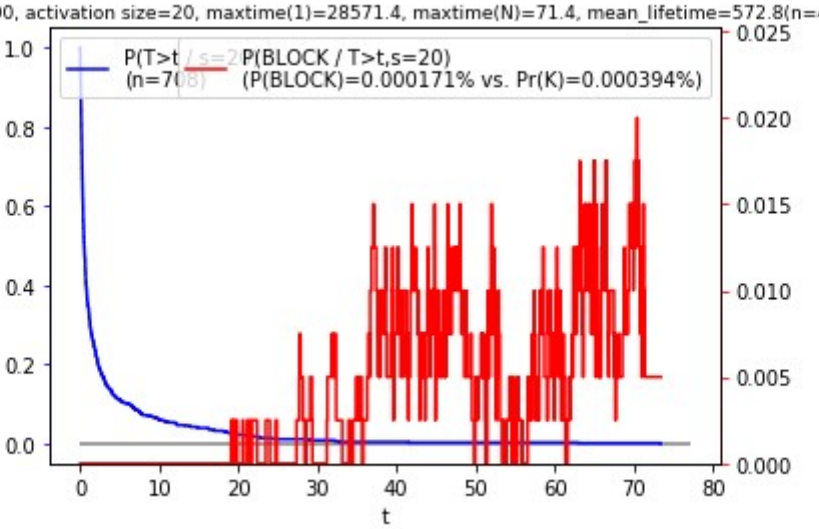
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=225.2(n=121), finalize=ABS, seed=1



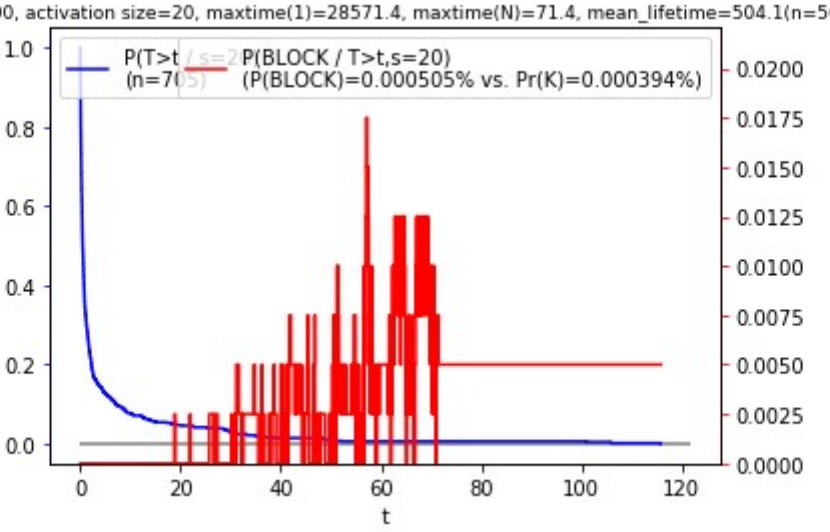
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=271.1(n=100), finalize=ABS, seed=1



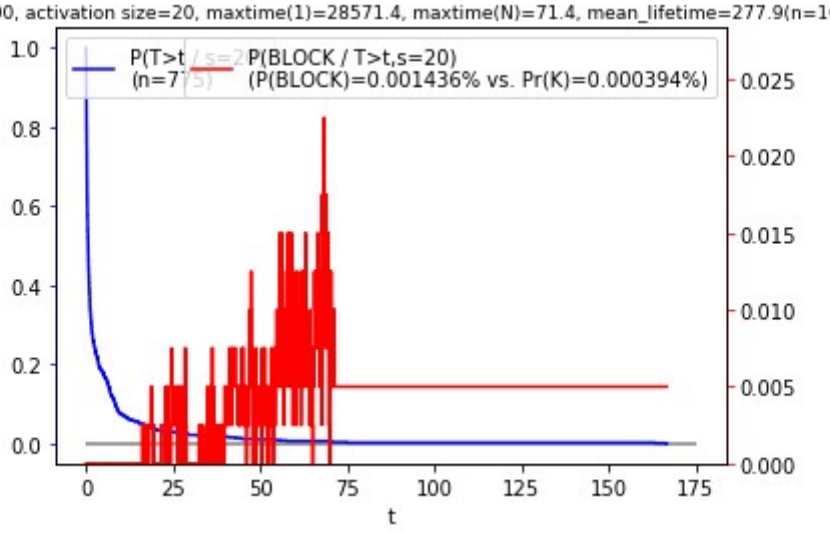
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=572.8(n=43), finalize=ABS, seed=17



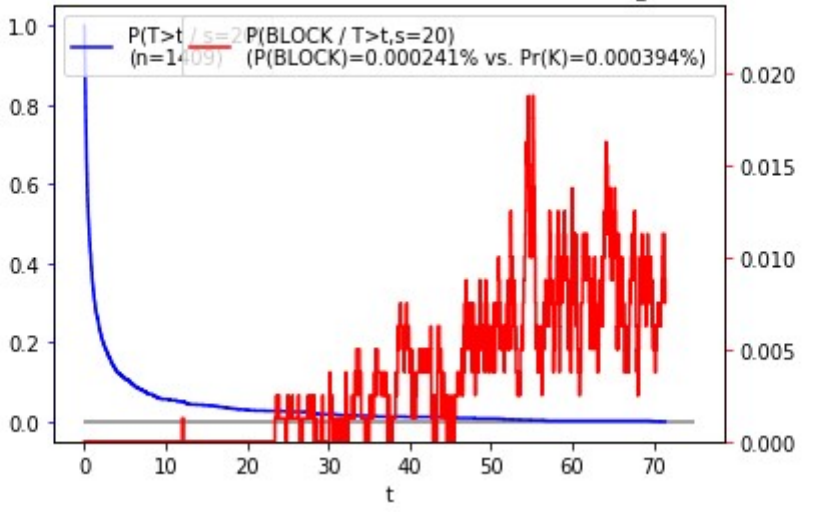
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=504.1(n=56), finalize=ABS, seed=17



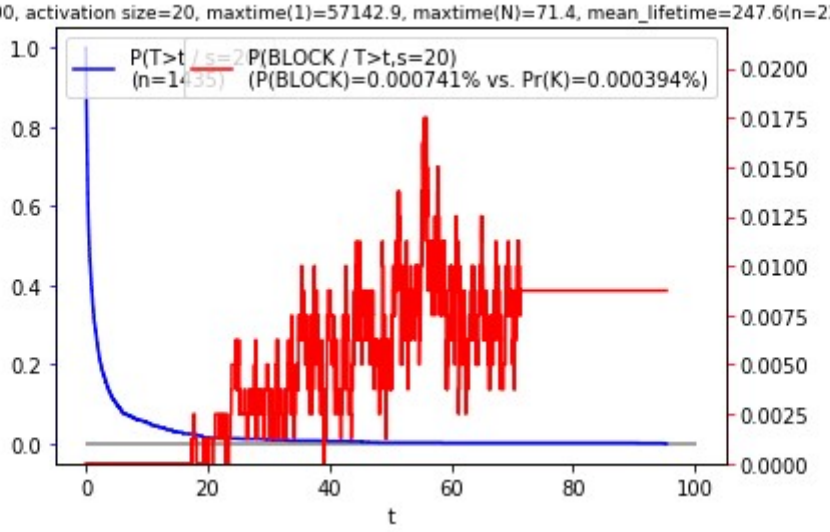
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=277.9(n=101), finalize=ABS, seed=1



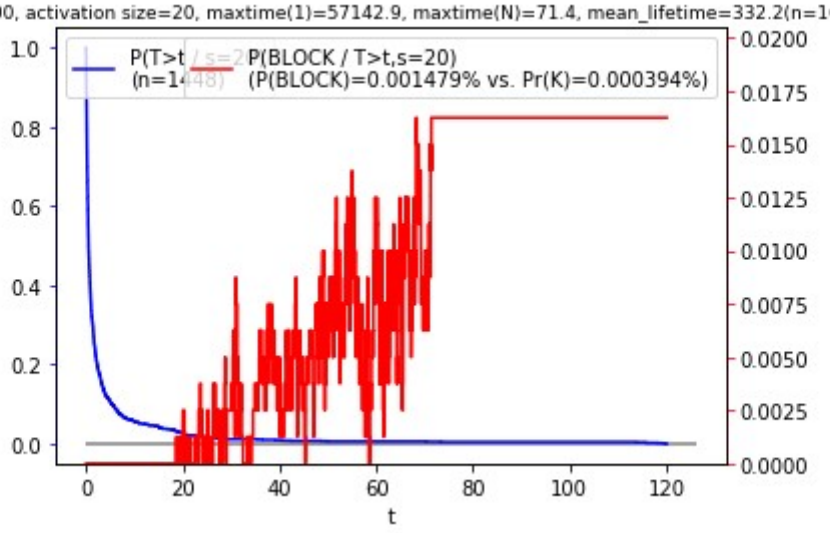
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=569.9(n=100), finalize=ABS, seed=1



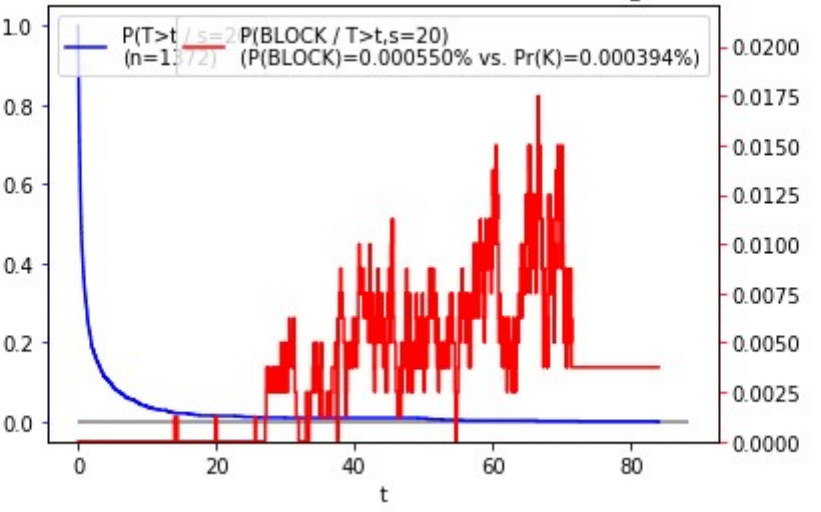
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=247.6(n=223), finalize=ABS, seed=1



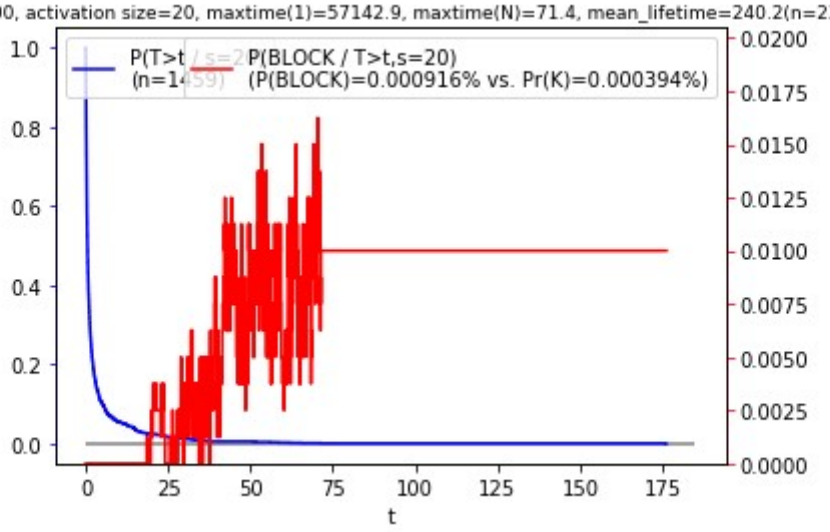
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=332.2(n=161), finalize=ABS, seed=1



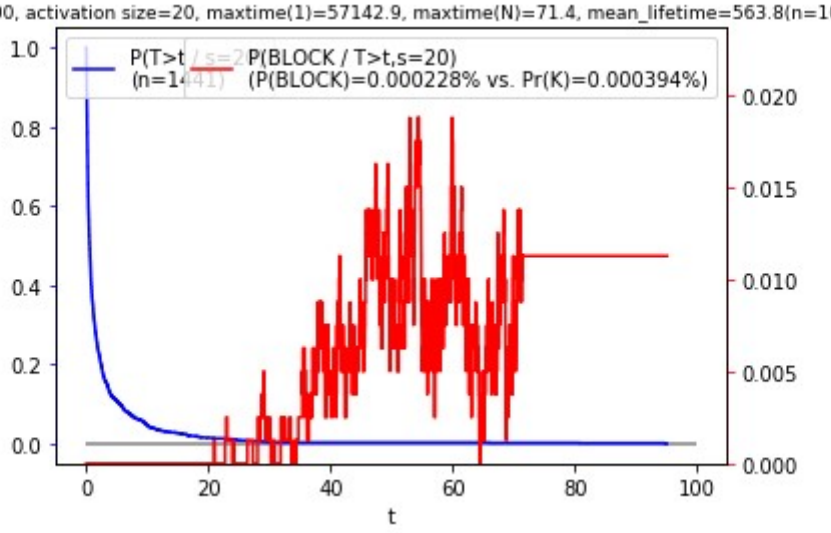
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=259.6(n=216), finalize=ABS, seed=1



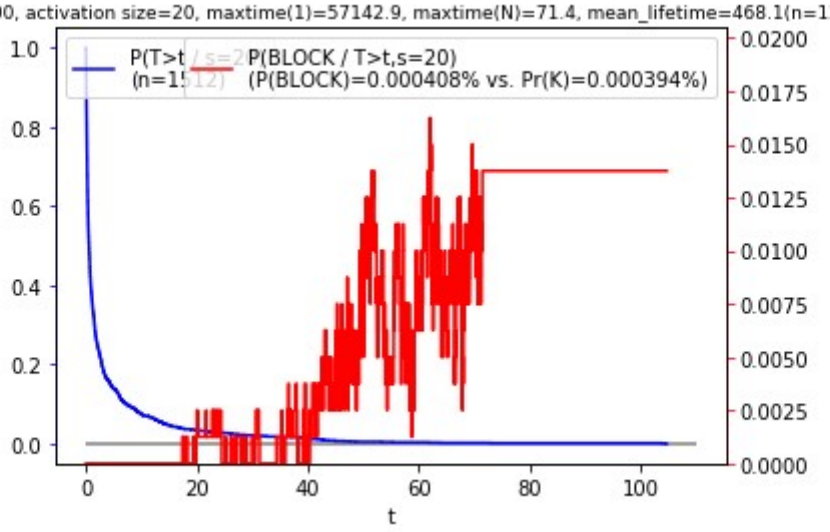
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=240.2(n=237), finalize=ABS, seed=1



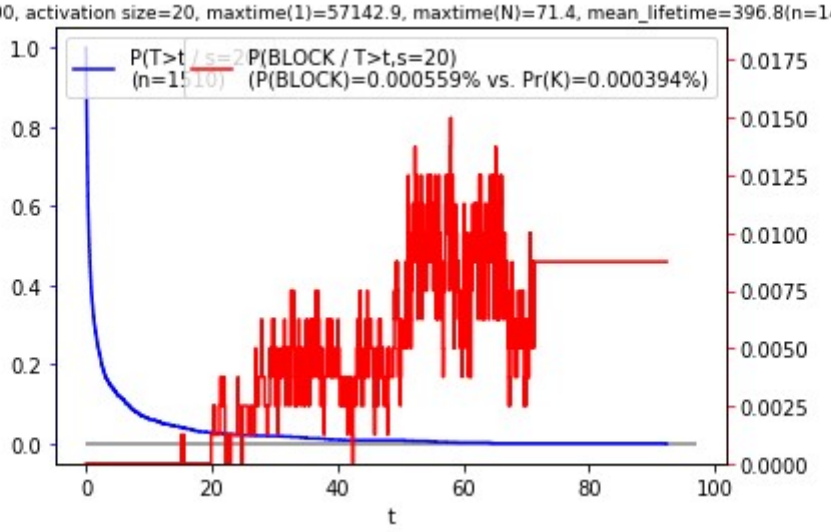
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=563.8(n=101), finalize=ABS, seed=1



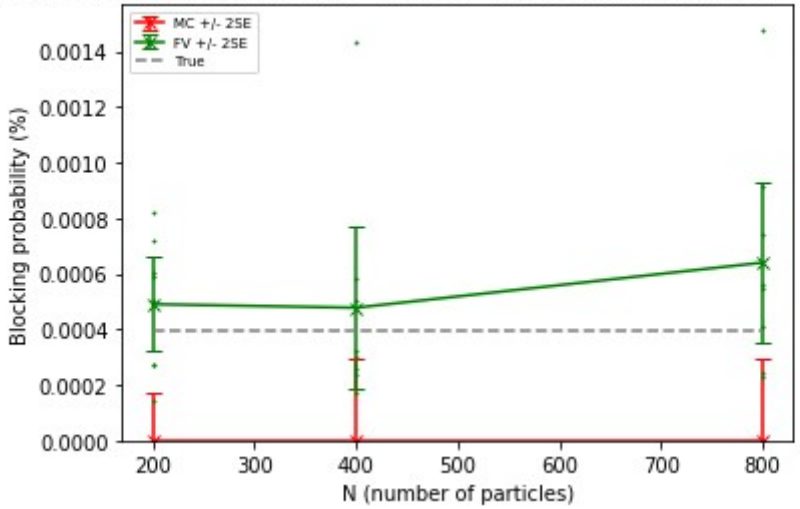
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=468.1(n=120), finalize=ABS, seed=1



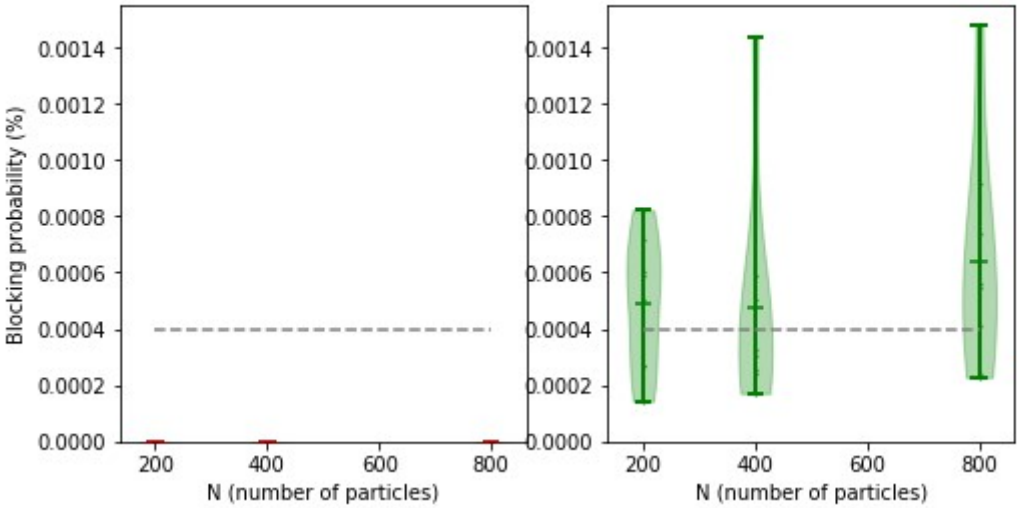
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=396.8(n=142), finalize=ABS, seed=1



Simulation results for #servers=3, K=40, rhos=[0.4, 0.75, 0.35], (200<=N<=800), T<=71



Simulation results for #servers=3, K=40, rhos=[0.4, 0.75, 0.35], (200<=N<=800), T<=71



In [2]: