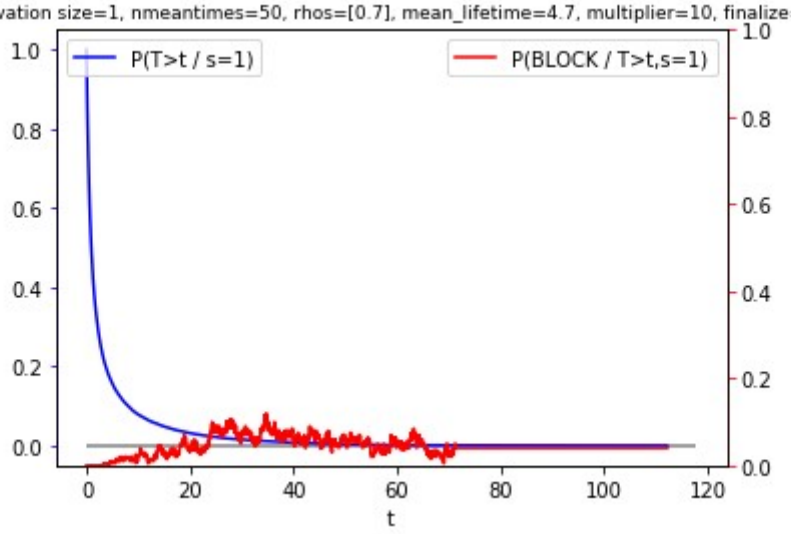
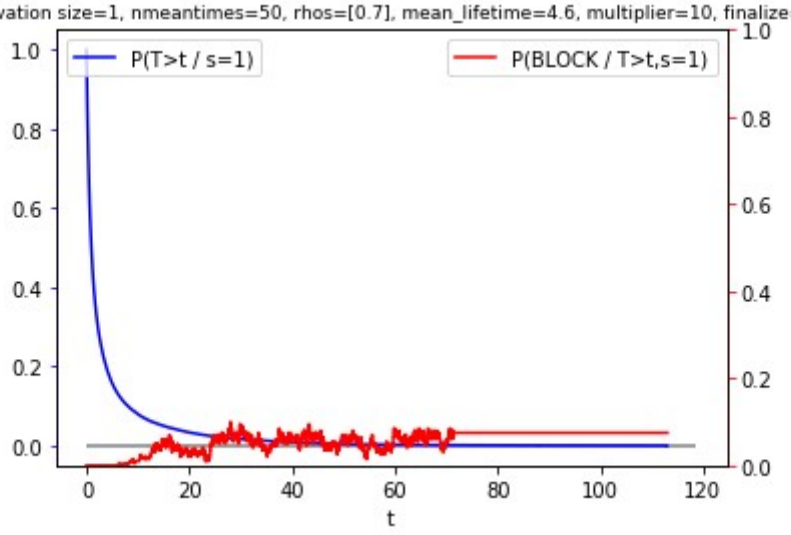
```
Python 3.6.4 |Anaconda custom (64-bit)| (default, Jan 16 2018, 10:22:32) [MSC v.1900 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

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_20210424_002157.log' has been open for
output.
Started at: 2021-04-24 00:21:57
Traceback (most recent call last):

  File "<ipython-input-1-cc767213348a>", line 1, in <module>
    runfile('E:/Daniel/Projects/PhD-RL-Toulouse/projects/Python/test/test_QB.py', wdir='E:/Daniel/
Projects/PhD-RL-Toulouse/projects/Python/test')

  File "C:\ProgramData\Anaconda\Anaconda3\lib\site-packages\spyder\utils\site\sitecustomize.py", line
705, in runfile
    execfile(filename, namespace)

  File "C:\ProgramData\Anaconda\Anaconda3\lib\site-packages\spyder\utils\site\sitecustomize.py", line
102, in execfile
    exec(compile(f.read(), filename, 'exec'), namespace)

  File "E:/Daniel/Projects/PhD-RL-Toulouse/projects/Python/test/test_QB.py", line 2156, in <module>
    seed=1313)

  File "E:/Daniel/Projects/PhD-RL-Toulouse/projects/Python/test/test_QB.py", line 1525, in
analyze_convergence_standardized
    proba_blocking_mc, est_mc = estimators.estimate_blocking_mc(env_queue, dict_params_simul)

  File "E:\Daniel\Projects\PhD-RL-Toulouse\projects\Python\lib\estimators.py", line 3163, in
estimate_blocking_mc
    proba_blocking_mc, _, _, expected_survival_time = est_mc.simulate(EventType.ACTIVATION)

  File "E:\Daniel\Projects\PhD-RL-Toulouse\projects\Python\lib\estimators.py", line 670, in simulate
    time_start, time1, time2, time3 = self.run_simulation()

  File "E:\Daniel\Projects\PhD-RL-Toulouse\projects\Python\lib\estimators.py", line 785, in
run_simulation
    self.compute_counts()

  File "E:\Daniel\Projects\PhD-RL-Toulouse\projects\Python\lib\estimators.py", line 2001, in
compute_counts
    self.insert_relative_time(t, activation_times, event_type)

  File "E:\Daniel\Projects\PhD-RL-Toulouse\projects\Python\lib\estimators.py", line 2096, in
insert_relative_time
    self._update_counts_alive(idx_insort, event_type)

  File "E:\Daniel\Projects\PhD-RL-Toulouse\projects\Python\lib\estimators.py", line 2143, in
_update_counts_alive
    self.counts_alive[idx] += 1

KeyboardInterrupt
```

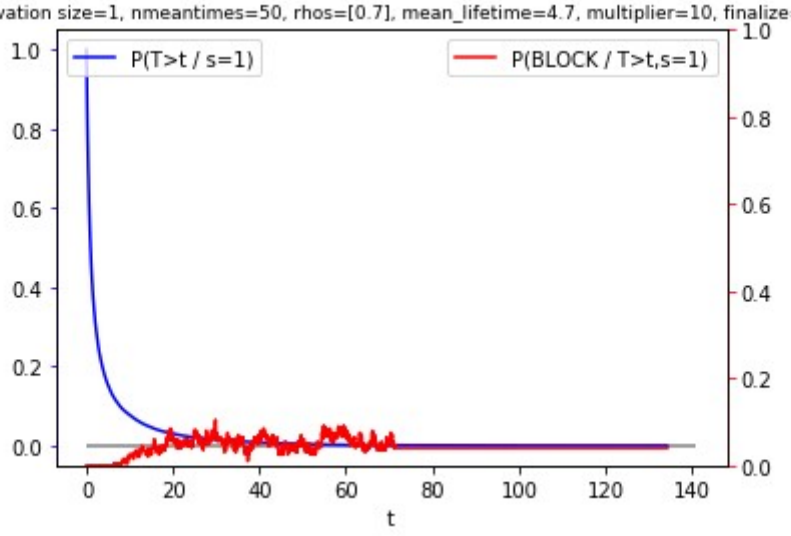
K=10, N=200, activation size=1, nmeantimes=50, rhos=[0.7], mean_lifetime=4.7, multiplier=10, finalize=ABS, seed=1313



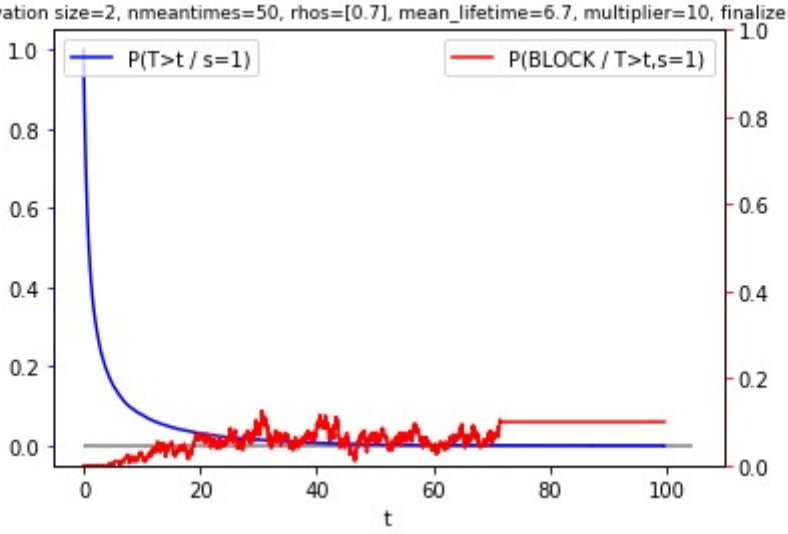
K=10, N=200, activation size=1, nmeantimes=50, rhos=[0.7], mean_lifetime=4.6, multiplier=10, finalize=ABS, seed=1313



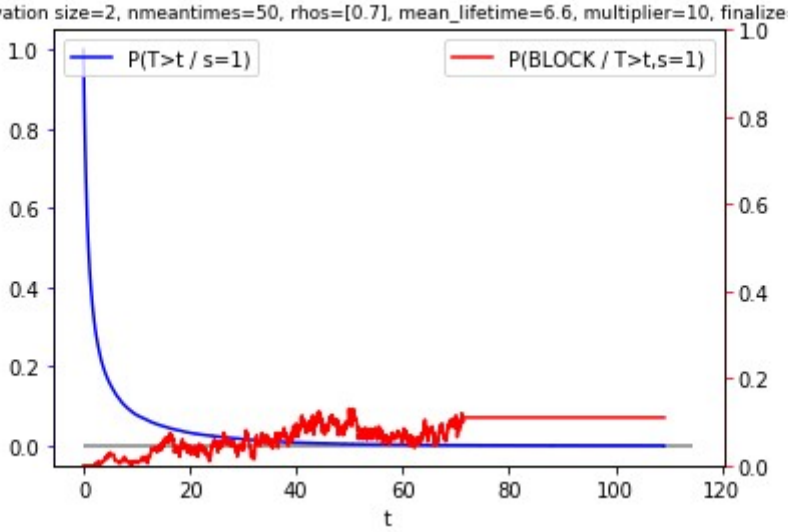
K=10, N=200, activation size=1, nmeantimes=50, rhos=[0.7], mean_lifetime=4.7, multiplier=10, finalize=ABS, seed=1313



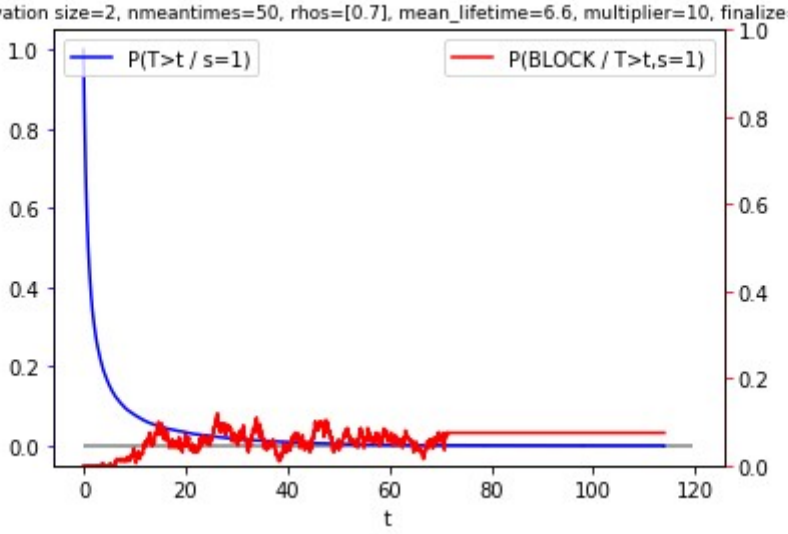
K=10, N=200, activation size=2, nmeantimes=50, rhos=[0.7], mean_lifetime=6.7, multiplier=10, finalize=ABS, seed=1313



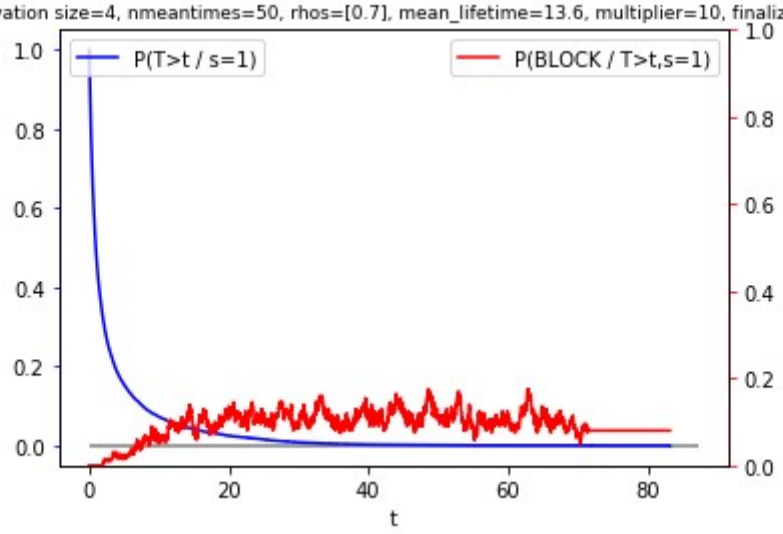
K=10, N=200, activation size=2, nmeantimes=50, rhos=[0.7], mean_lifetime=6.6, multiplier=10, finalize=ABS, seed=1313



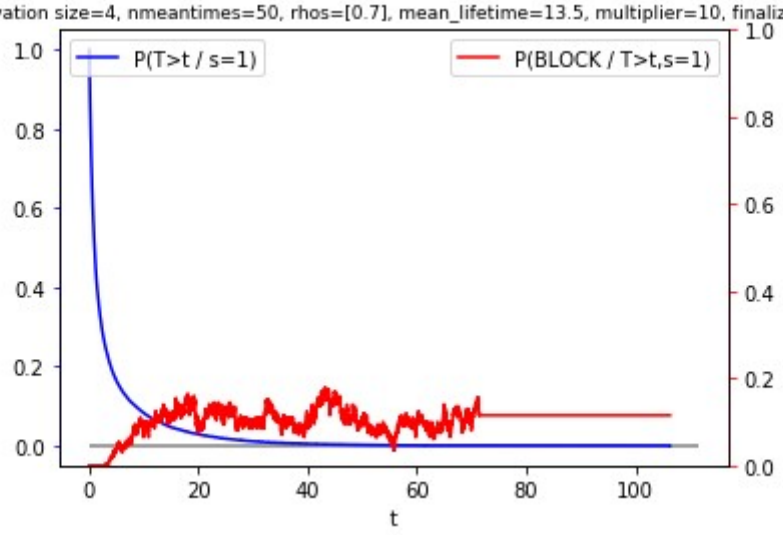
K=10, N=200, activation size=2, nmeantimes=50, rhos=[0.7], mean_lifetime=6.6, multiplier=10, finalize=ABS, seed=1313



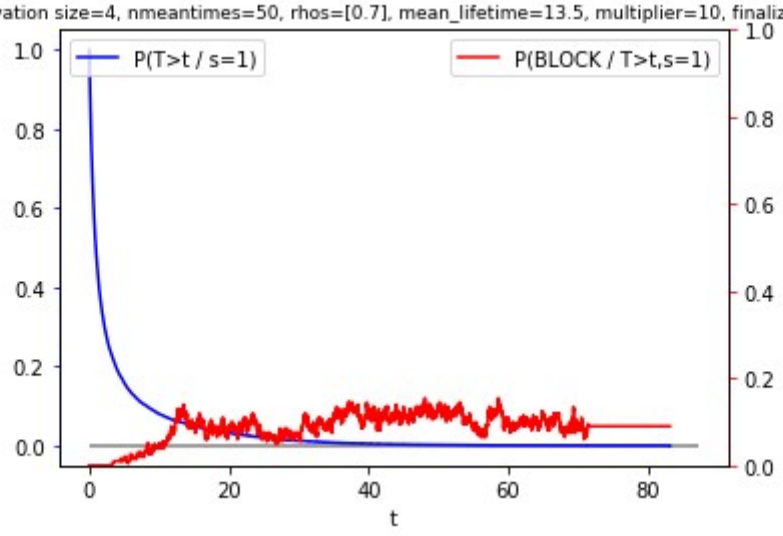
K=10, N=200, activation size=4, nmeantimes=50, rhos=[0.7], mean_lifetime=13.6, multiplier=10, finalize=ABS, seed=1313



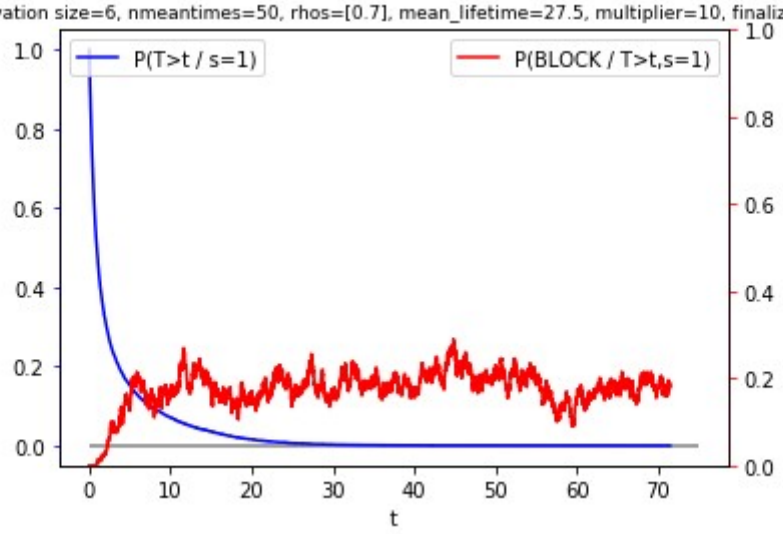
K=10, N=200, activation size=4, nmeantimes=50, rhos=[0.7], mean_lifetime=13.5, multiplier=10, finalize=ABS, seed=1313



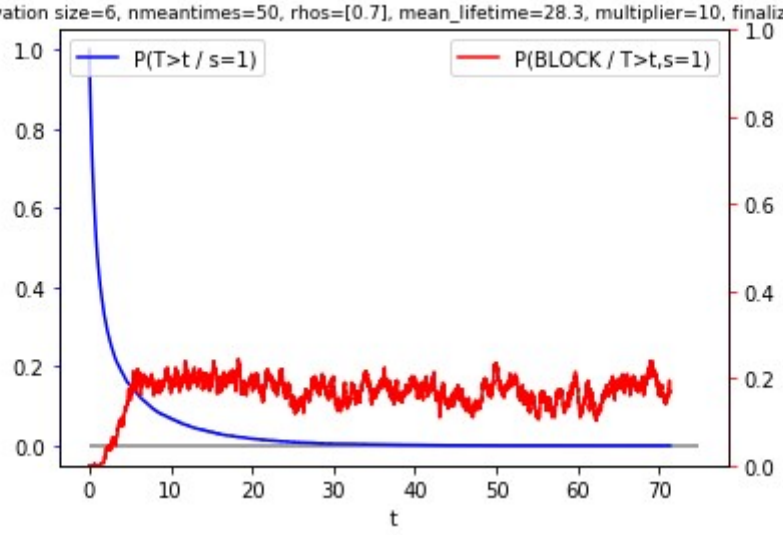
K=10, N=200, activation size=4, nmeantimes=50, rhos=[0.7], mean_lifetime=13.5, multiplier=10, finalize=ABS, seed=1313



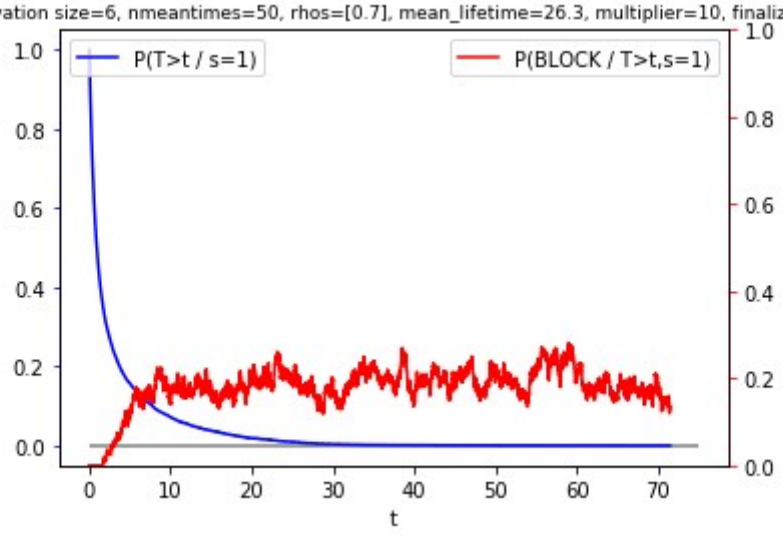
K=10, N=200, activation size=6, nmeantimes=50, rhos=[0.7], mean_lifetime=27.5, multiplier=10, finalize=ABS, seed=1313



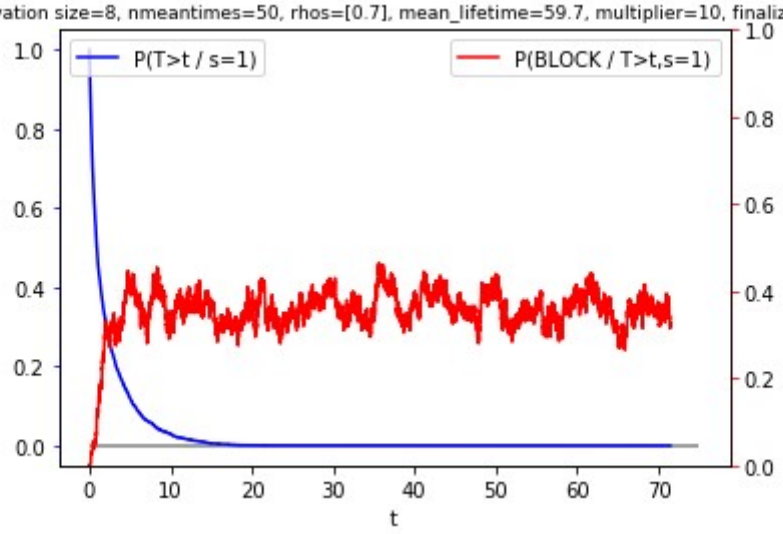
K=10, N=200, activation size=6, nmeantimes=50, rhos=[0.7], mean_lifetime=28.3, multiplier=10, finalize=ABS, seed=1313



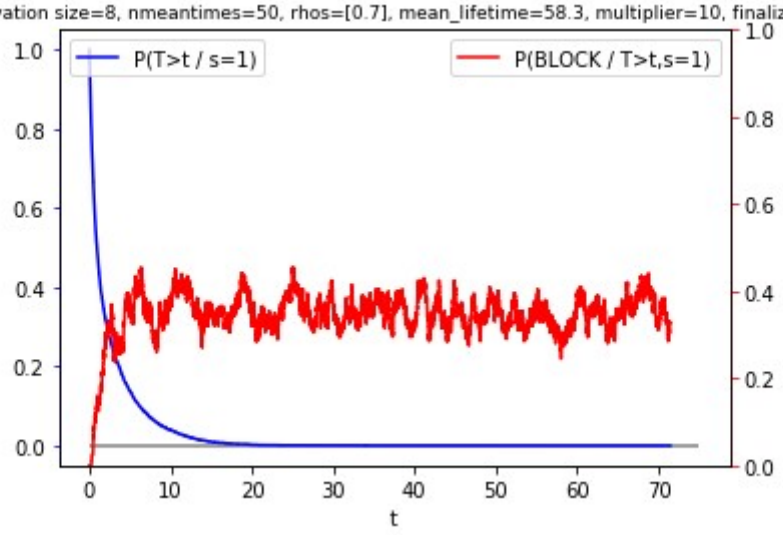
K=10, N=200, activation size=6, nmeantimes=50, rhos=[0.7], mean_lifetime=26.3, multiplier=10, finalize=ABS, seed=1313



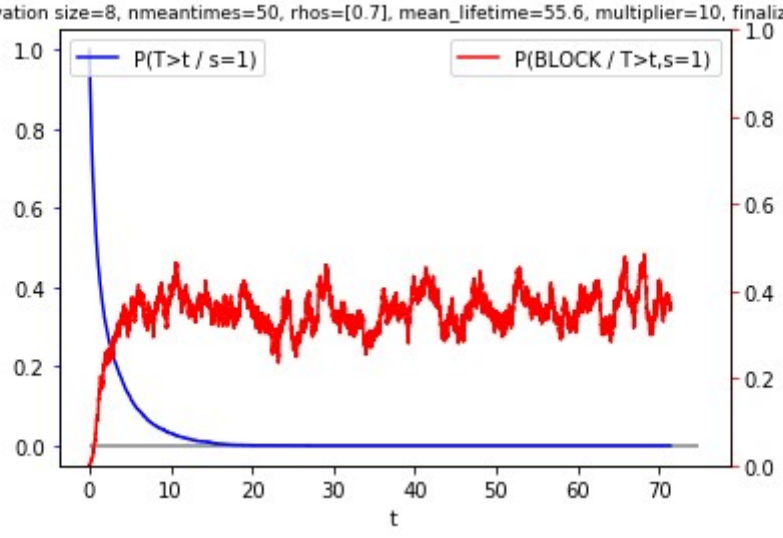
K=10, N=200, activation size=8, nmeantimes=50, rhos=[0.7], mean_lifetime=59.7, multiplier=10, finalize=ABS, seed=1313



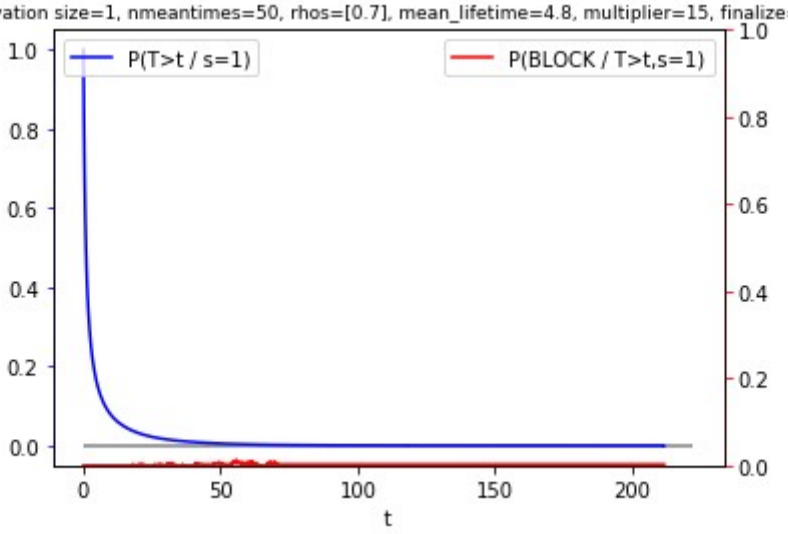
K=10, N=200, activation size=8, nmeantimes=50, rhos=[0.7], mean_lifetime=58.3, multiplier=10, finalize=ABS, seed=1313



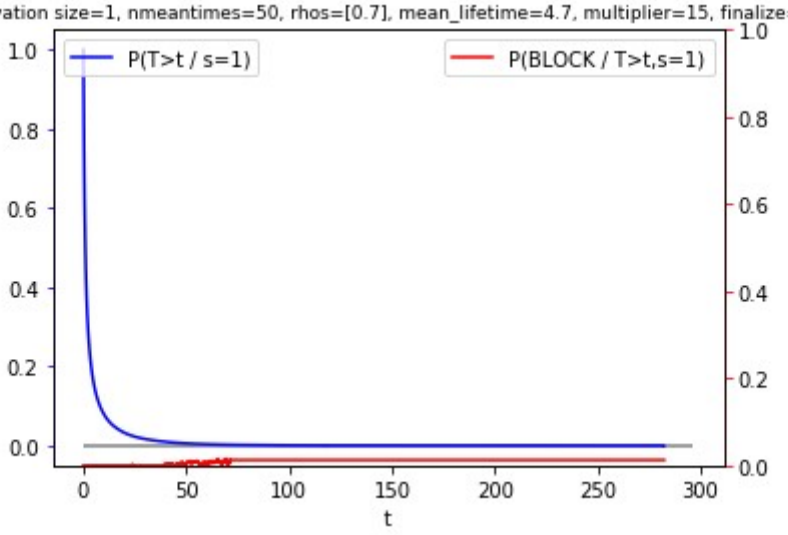
K=10, N=200, activation size=8, nmeantimes=50, rhos=[0.7], mean_lifetime=55.6, multiplier=10, finalize=ABS, seed=1313



K=20, N=400, activation size=1, nmeantimes=50, rhos=[0.7], mean_lifetime=4.8, multiplier=15, finalize=ABS, seed=1313



K=20, N=400, activation size=1, nmeantimes=50, rhos=[0.7], mean_lifetime=4.7, multiplier=15, finalize=ABS, seed=1313



In [2]:

In [2]: