

Python 3.6.4 |Anaconda custom (64-bit)| (default, Jan 16 2018, 10:22:32) [MSC v.1900 64 bit (AMD64)]
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IPython 6.2.1 -- An enhanced Interactive Python.

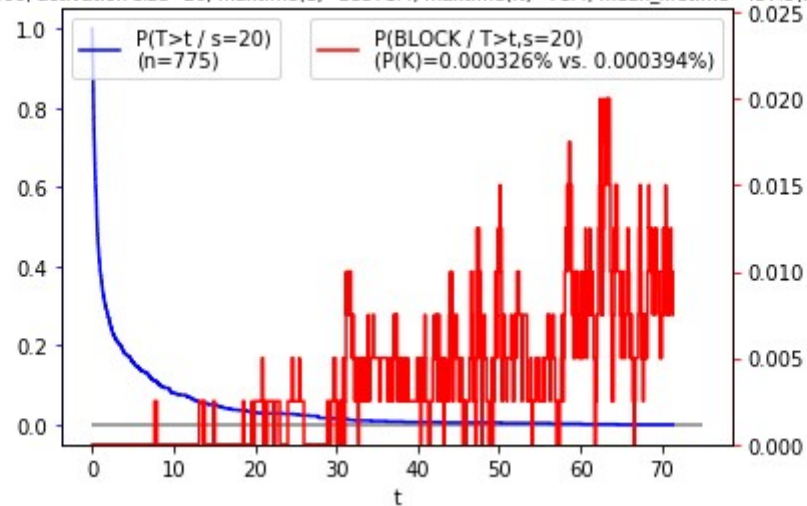
Restarting kernel...

```
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_20210505_094823.log' has been open for output.
Started at: 2021-05-05 09:48:23
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`).

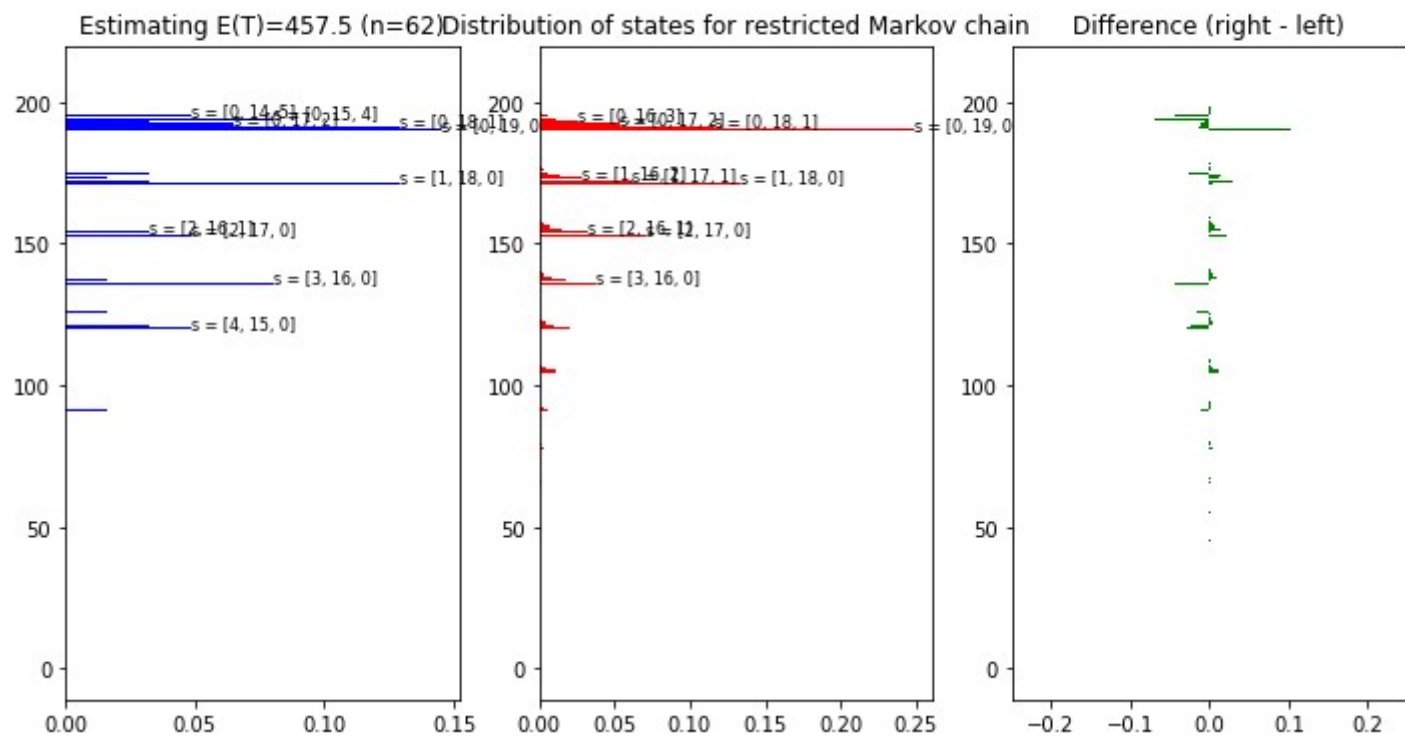
```
max_open_warning, RuntimeWarning)
C:\ProgramData\Anaconda\Anaconda3\lib\site-packages\pandas\core\groupby.py:4291: FutureWarning: using a dict with renaming is deprecated and will be removed in
a future version
return super(DataFrameGroupBy, self).aggregate(arg, *args, **kwargs)
Ended at: 2021-05-05 15:23:31
Execution time: 335.1 min, 5.6 hours
```


```

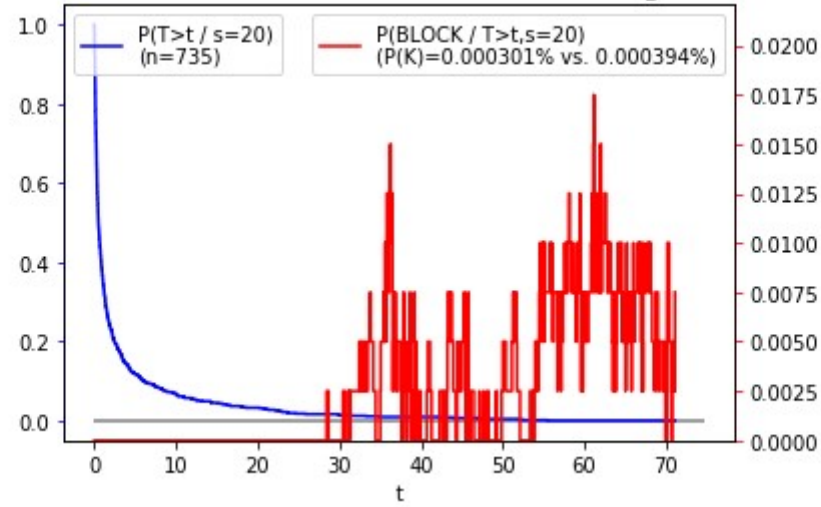
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=457.5(n=62), finalize=ABS, seed=1718



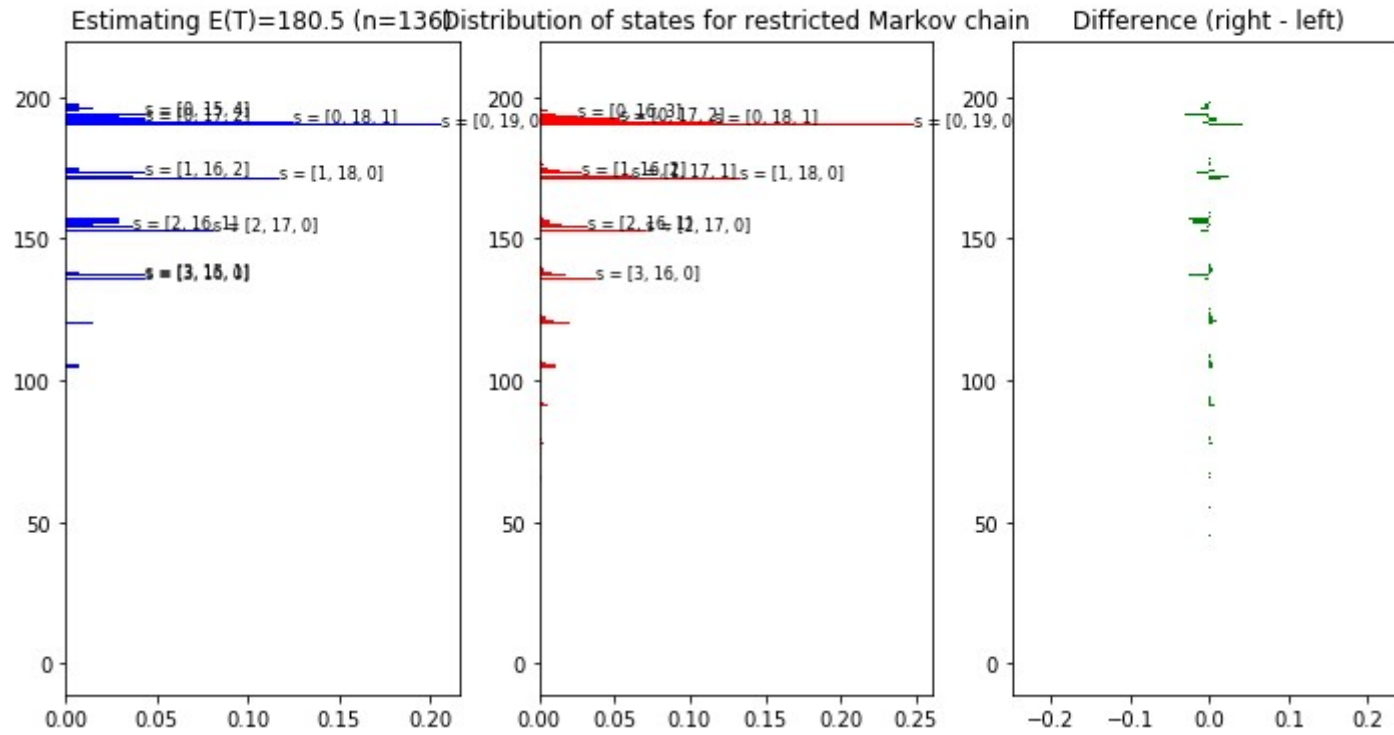
Distribution of absorption states



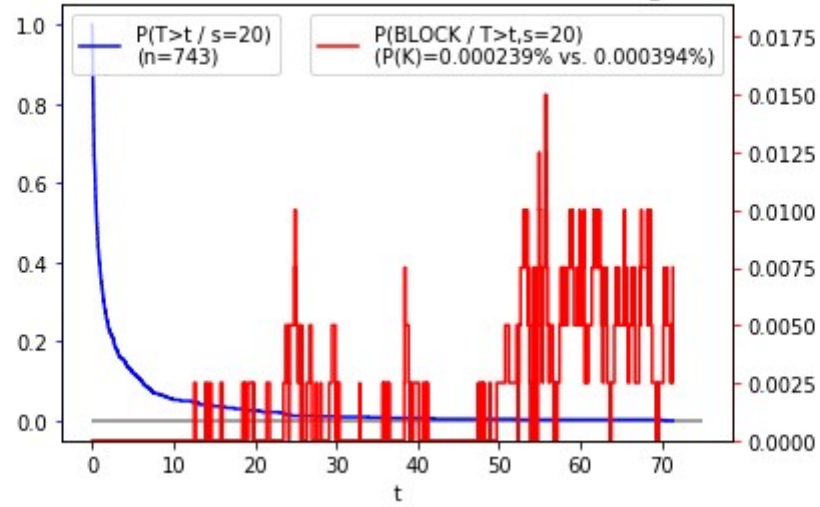
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=180.5(n=136), finalize=ABS, seed=1719



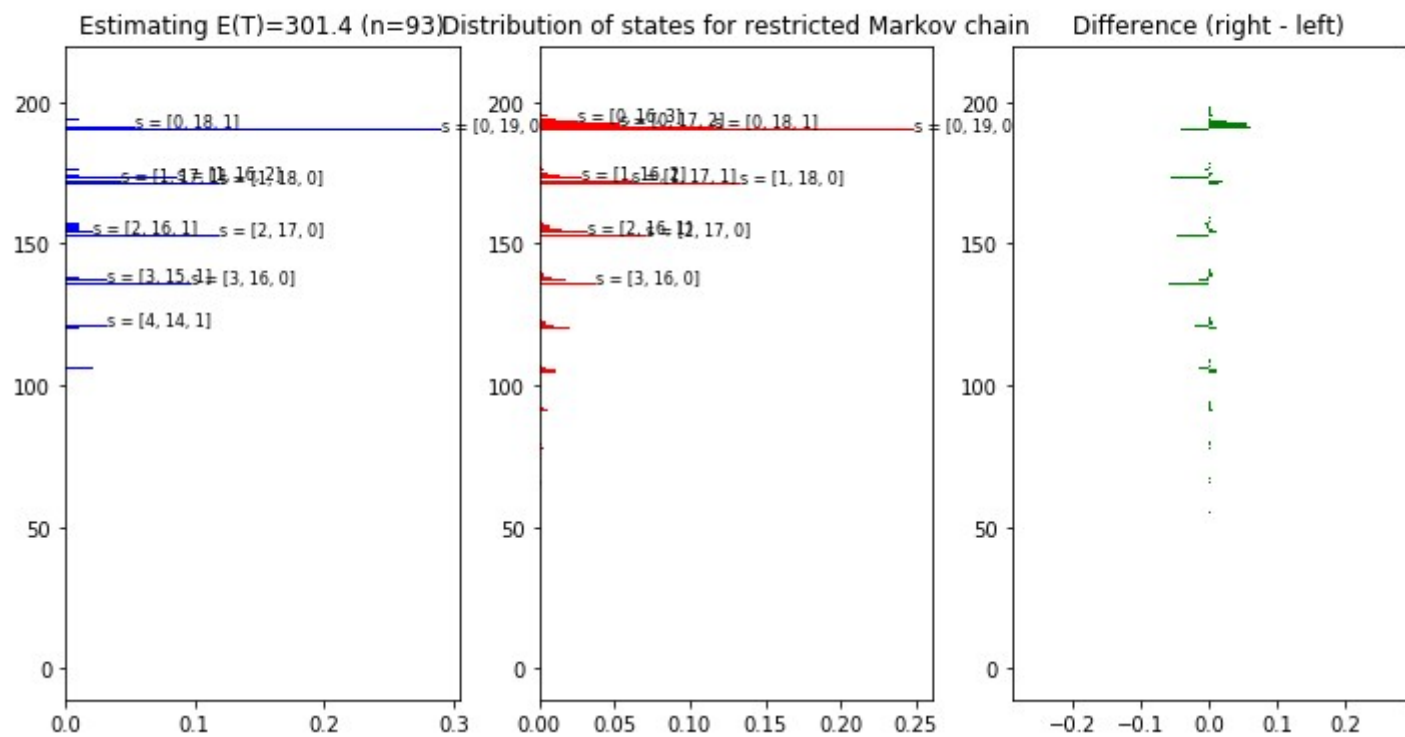
Distribution of absorption states



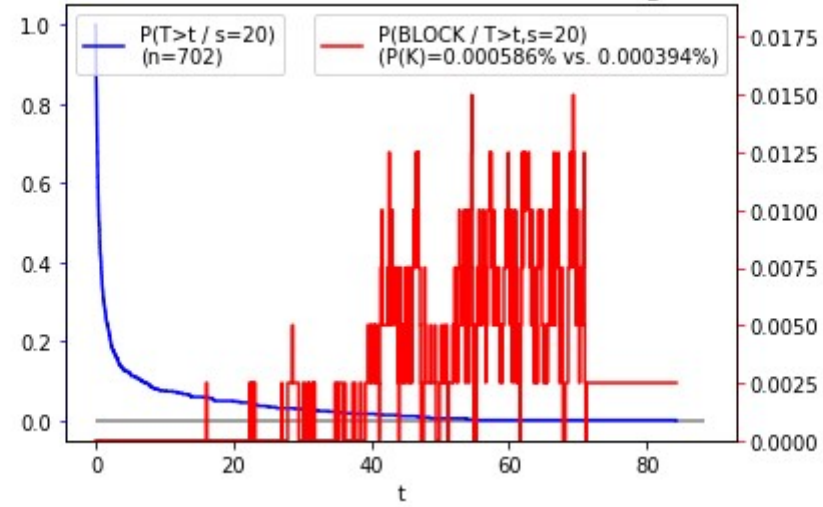
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=301.4(n=93), finalize=ABS, seed=1720



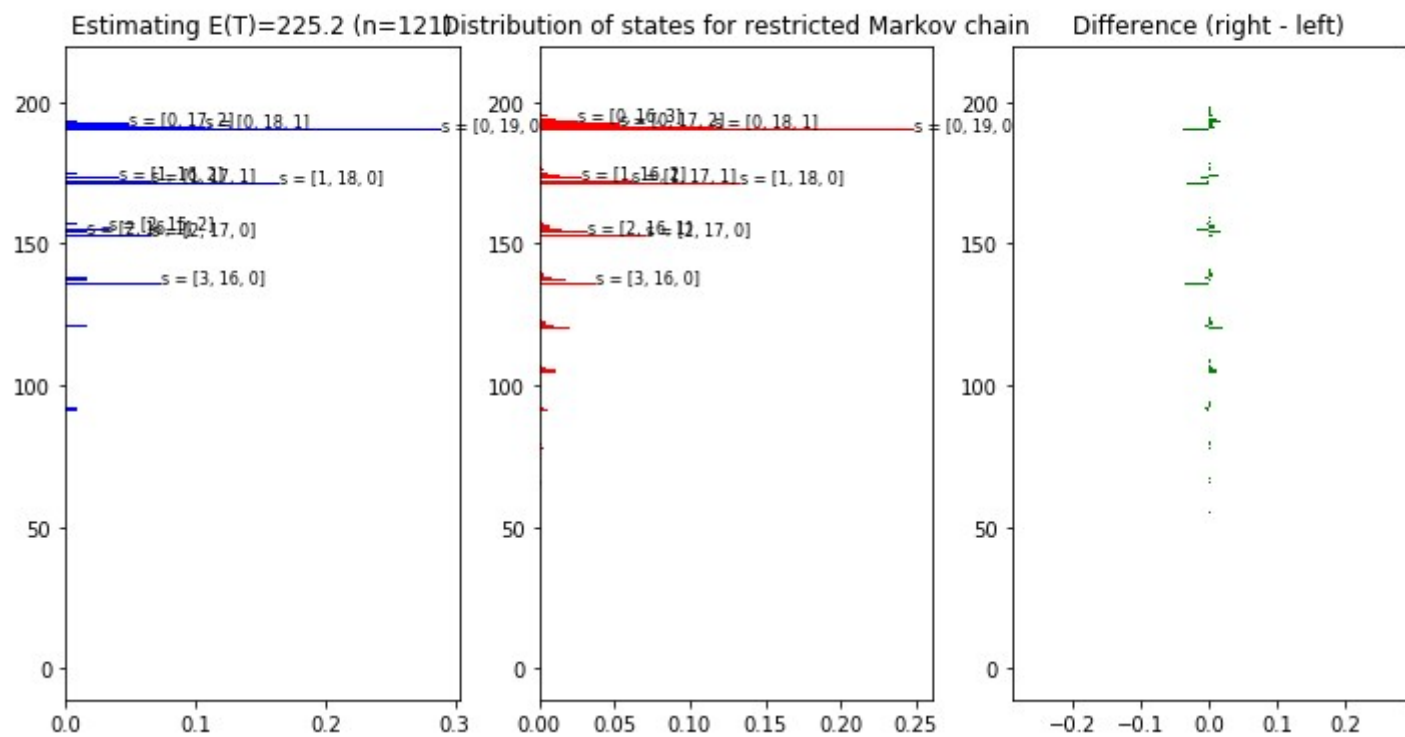
Distribution of absorption states



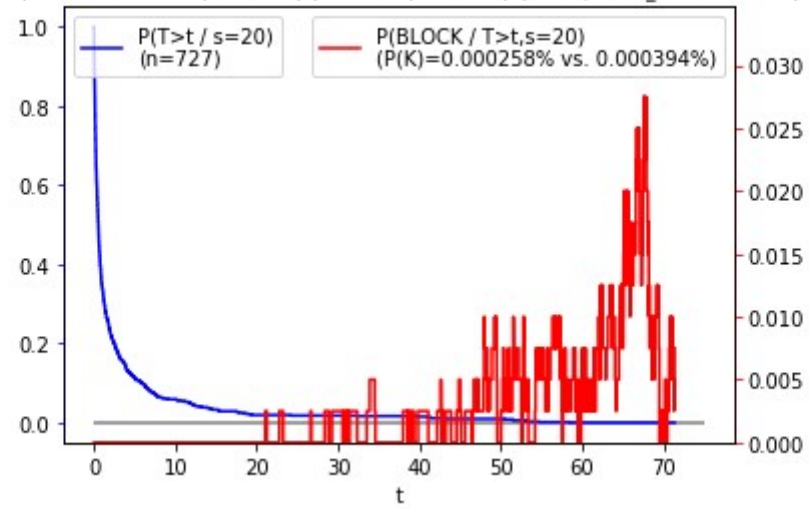
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=225.2(n=121), finalize=ABS, seed=1721



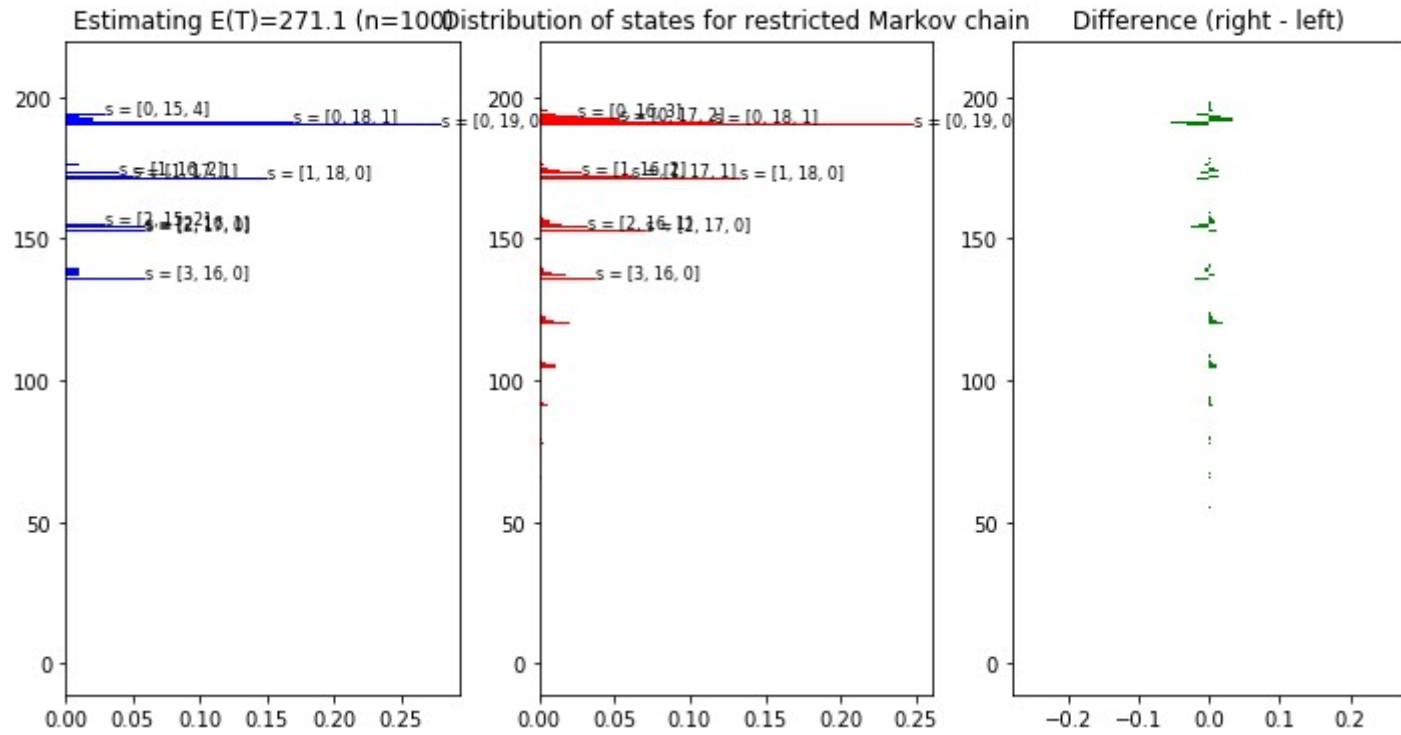
Distribution of absorption states



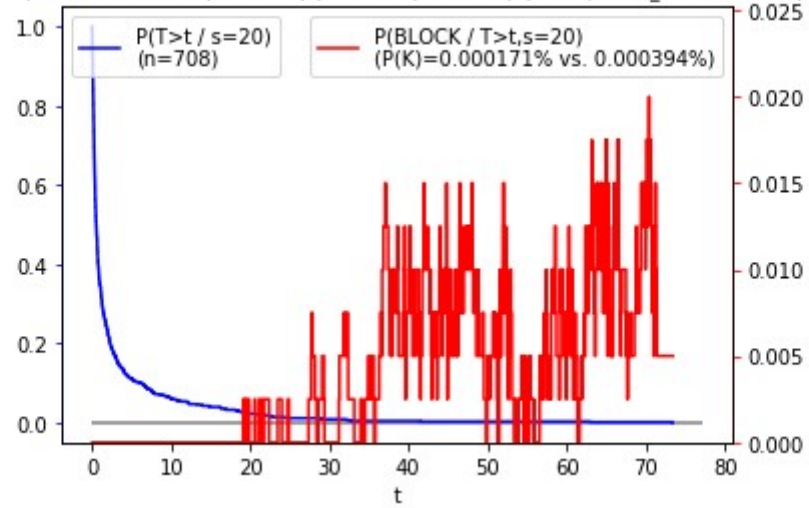
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=271.1(n=100), finalize=ABS, seed=1722



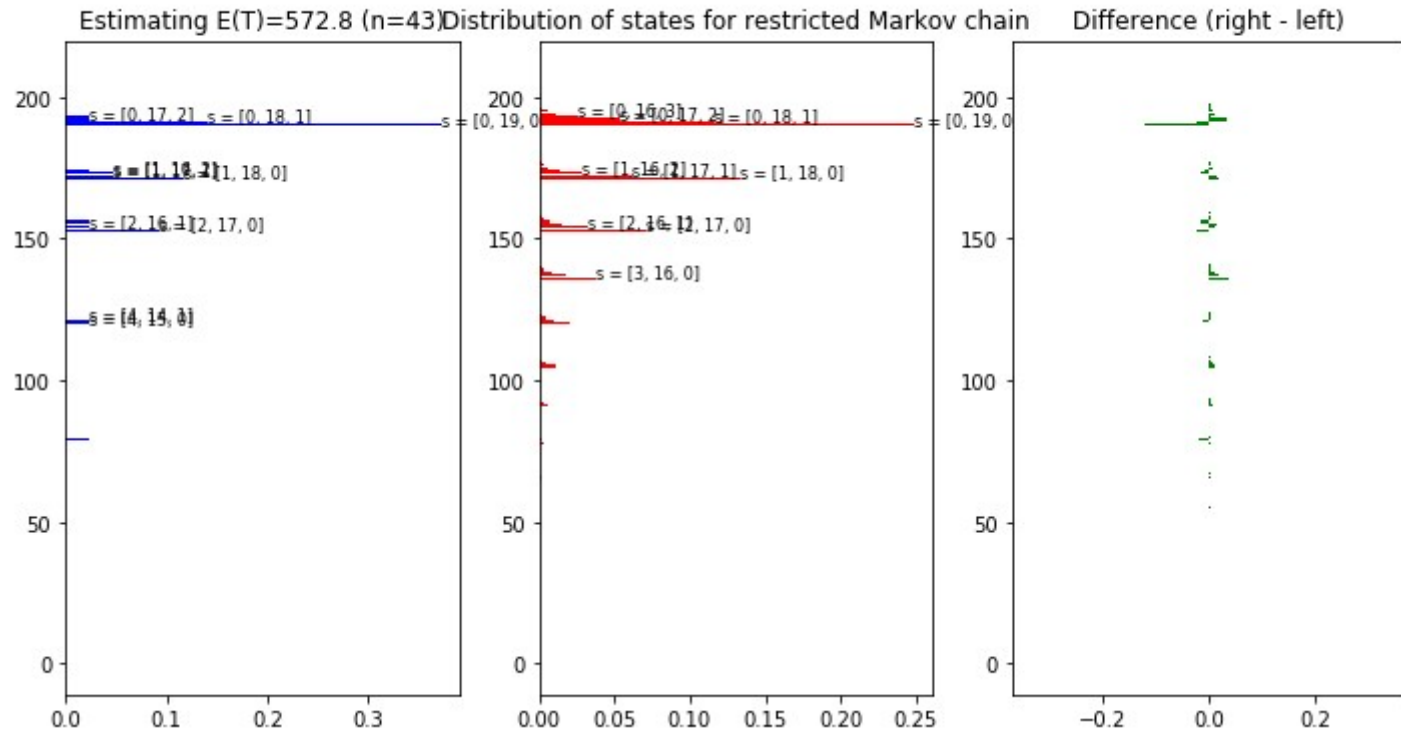
Distribution of absorption states



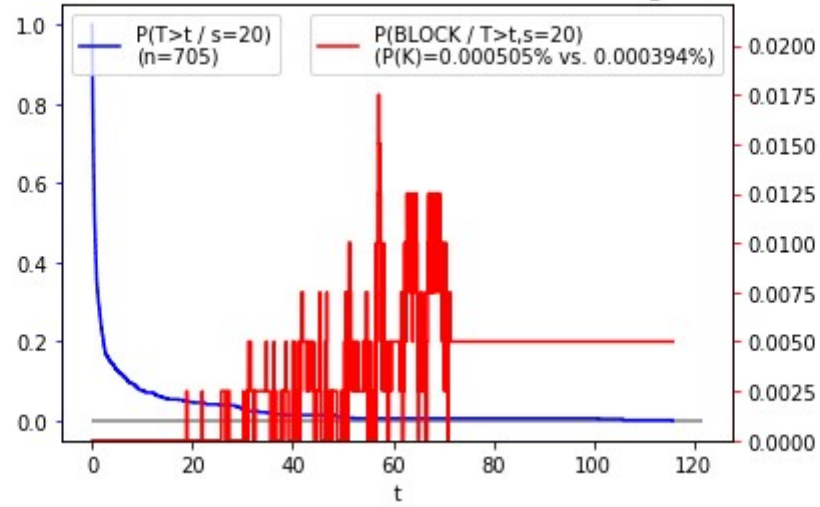
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=572.8(n=43), finalize=ABS, seed=1723



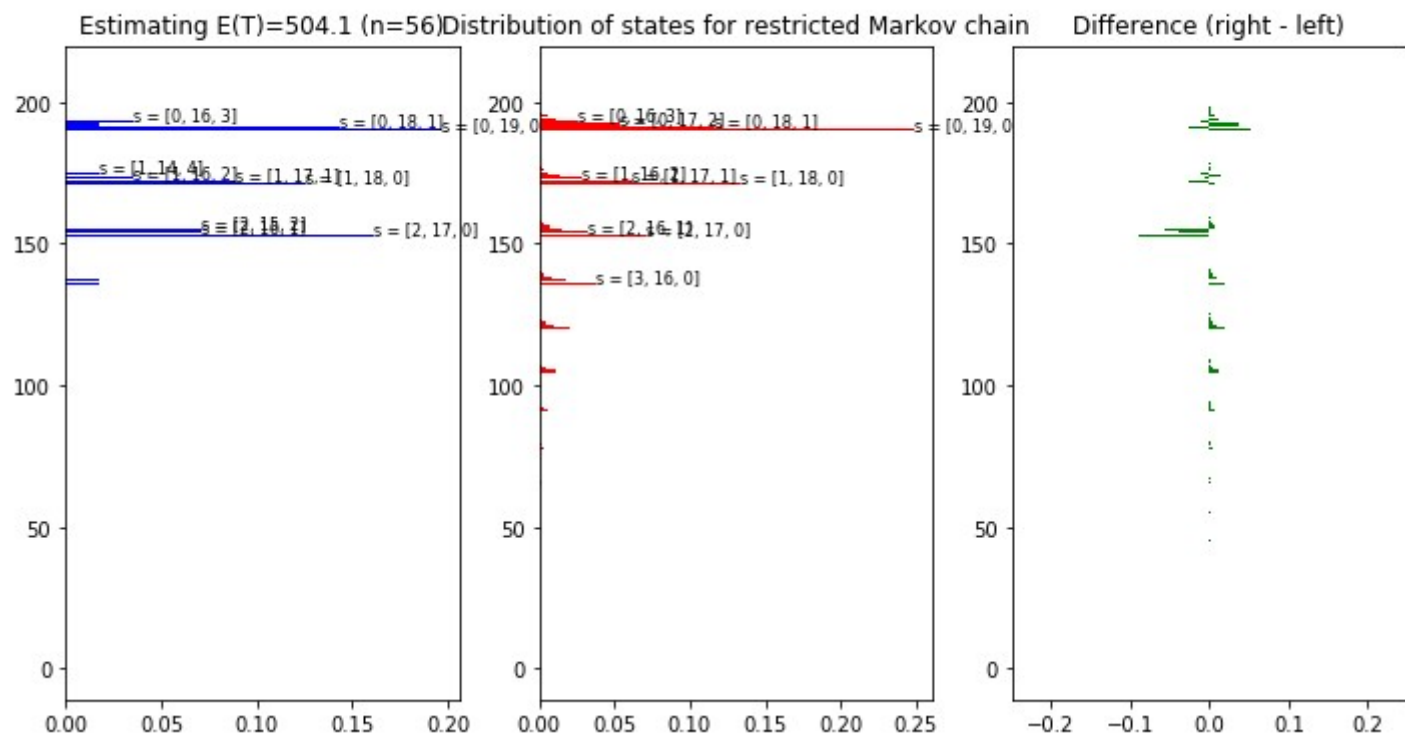
Distribution of absorption states



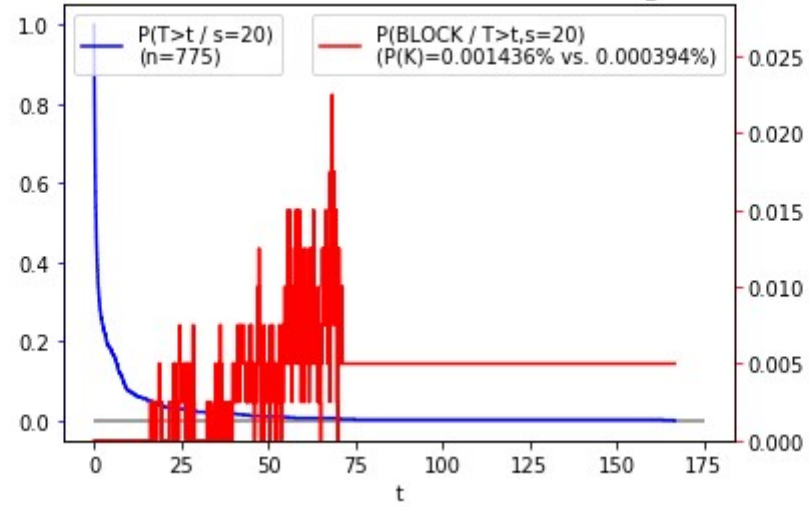
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=504.1(n=56), finalize=ABS, seed=1724



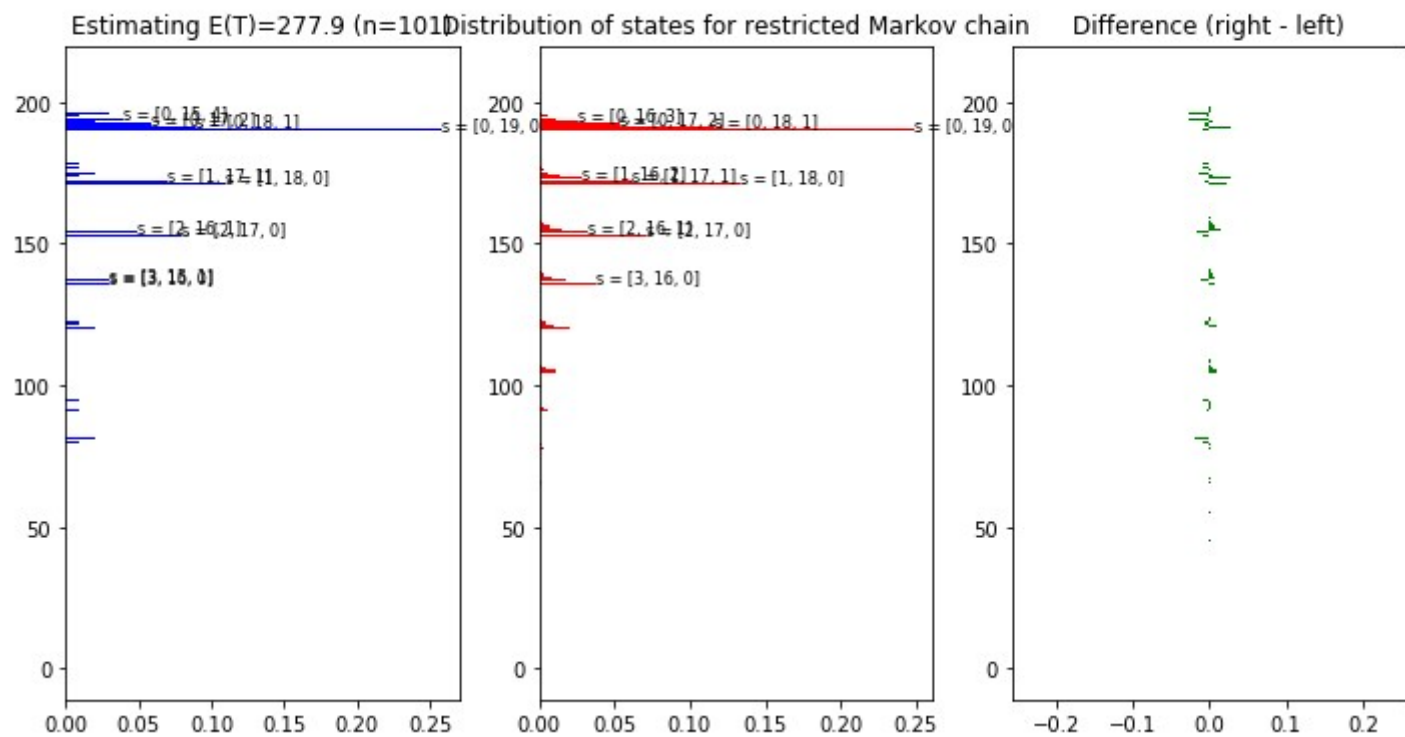
Distribution of absorption states



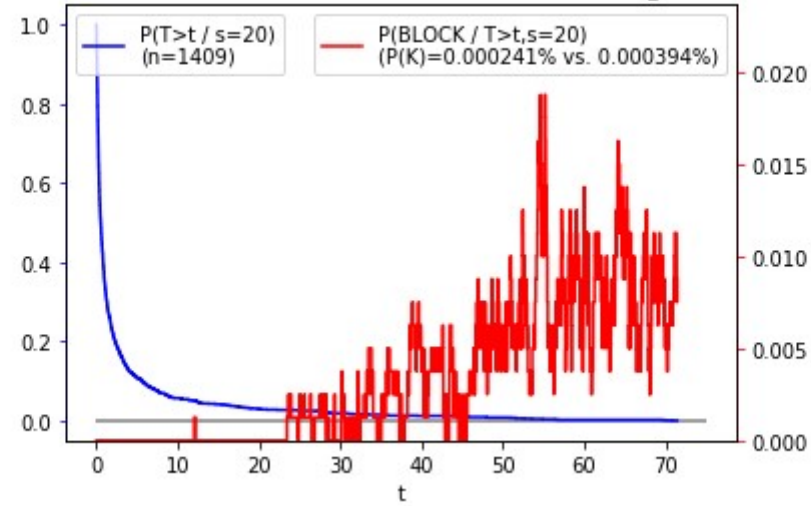
K=40, rhos=[0.4, 0.75, 0.35], N=400, activation size=20, maxtime(1)=28571.4, maxtime(N)=71.4, mean_lifetime=277.9(n=101), finalize=ABS, seed=1725



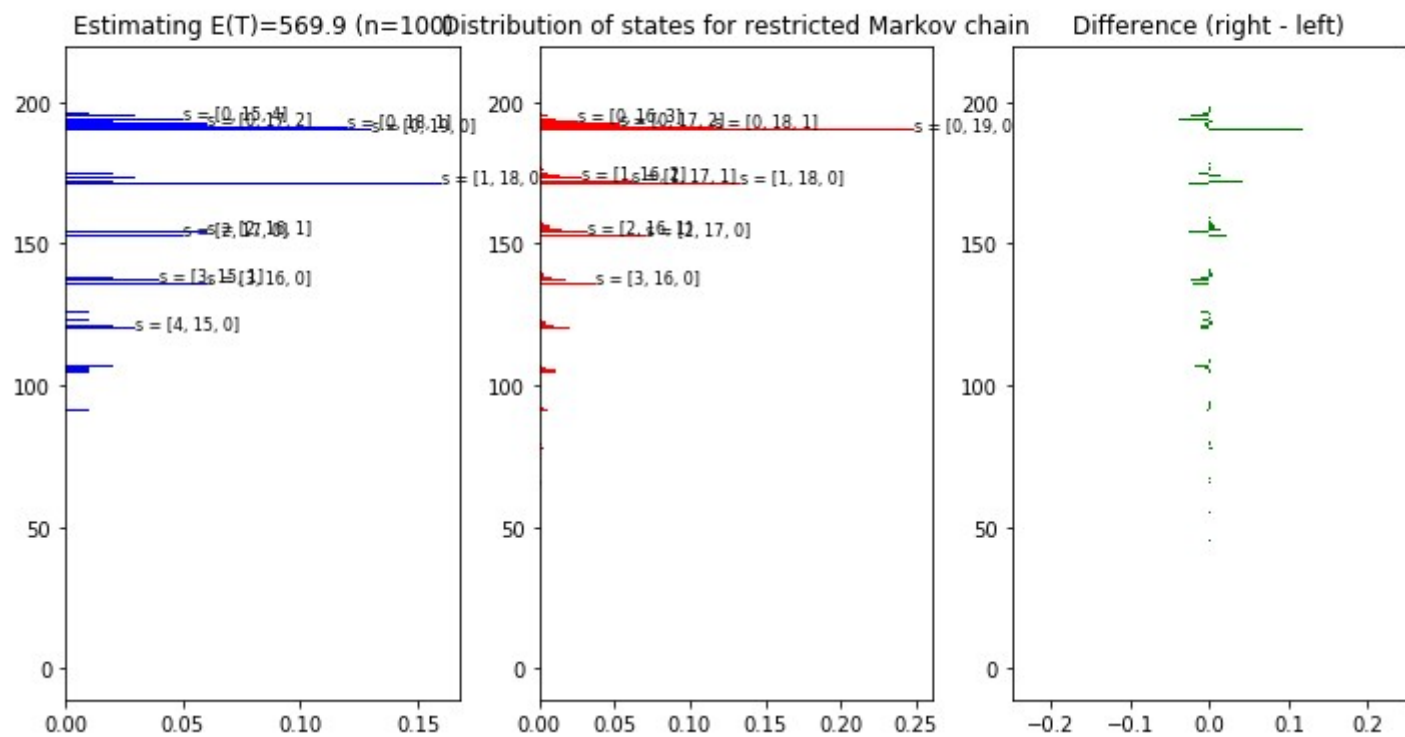
Distribution of absorption states



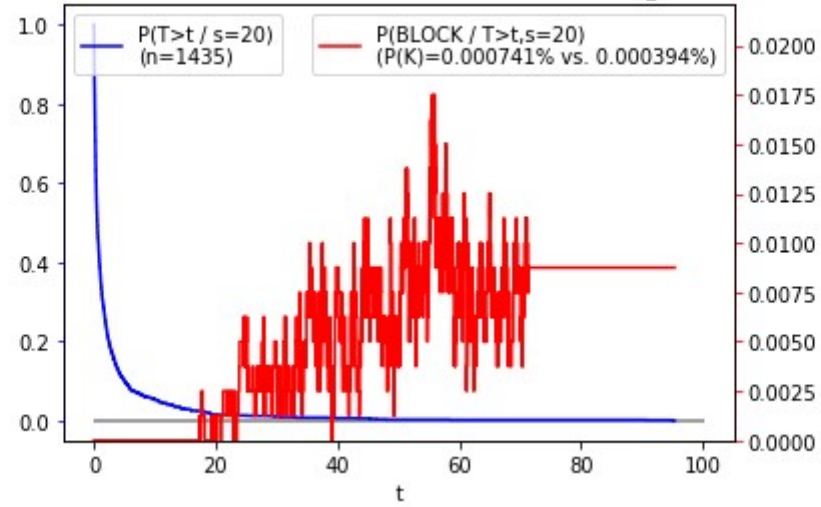
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=569.9(n=100), finalize=ABS, seed=1718



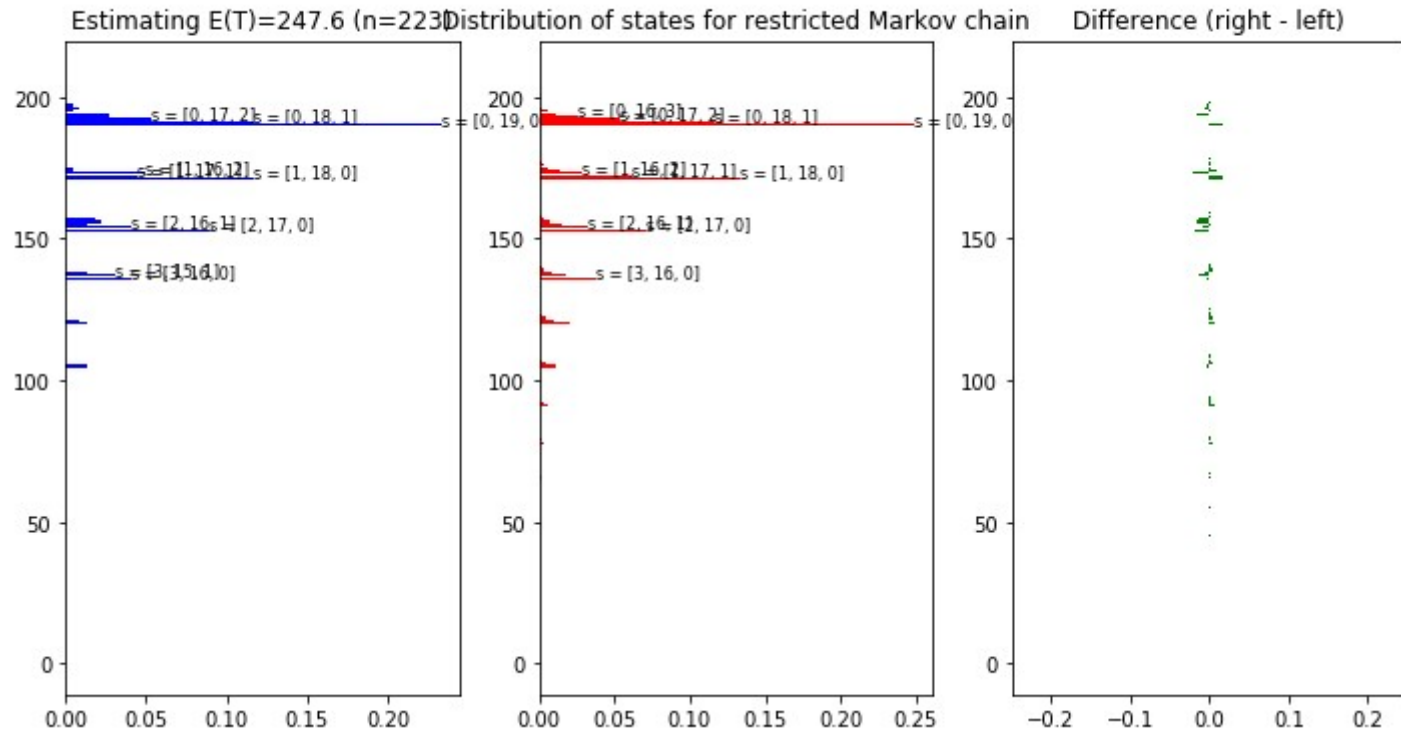
Distribution of absorption states



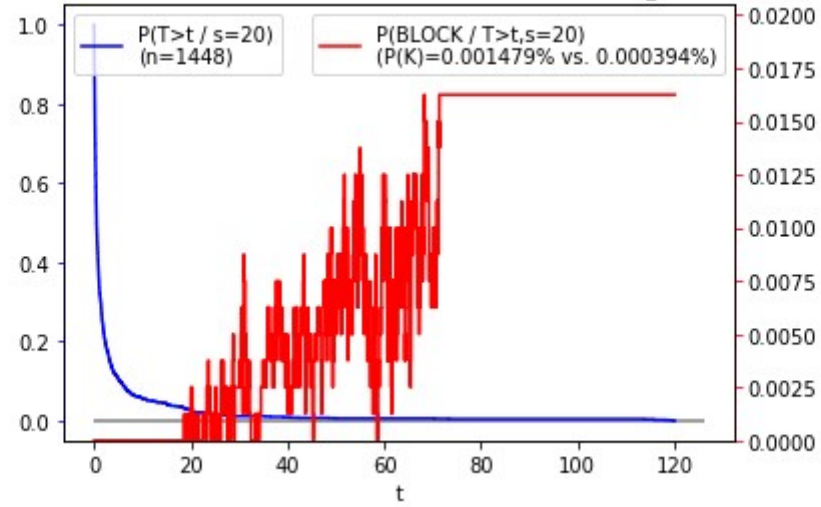
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=247.6(n=223), finalize=ABS, seed=1719



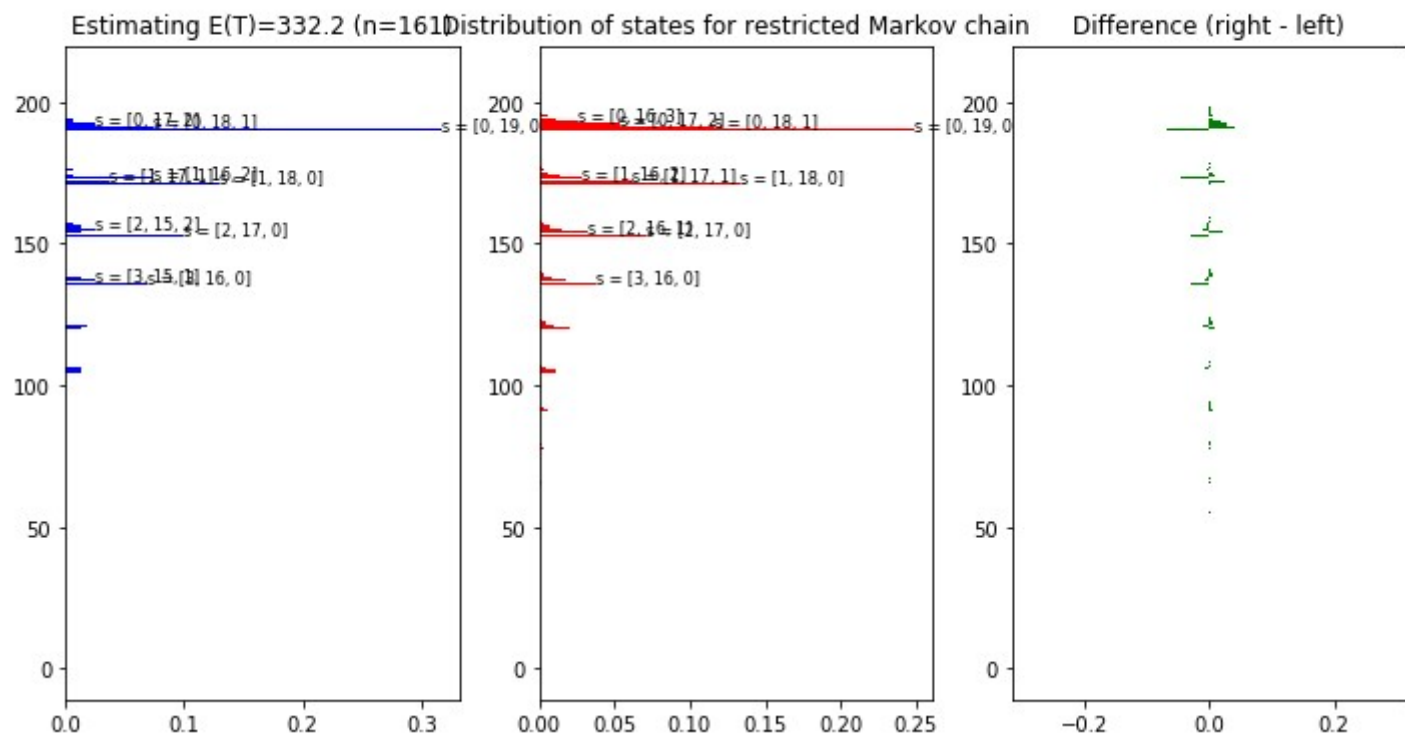
Distribution of absorption states



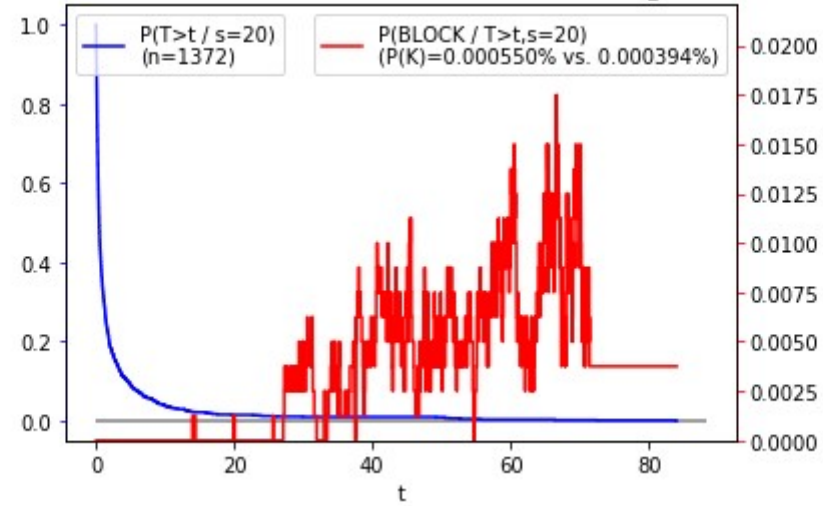
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=332.2(n=161), finalize=ABS, seed=1720



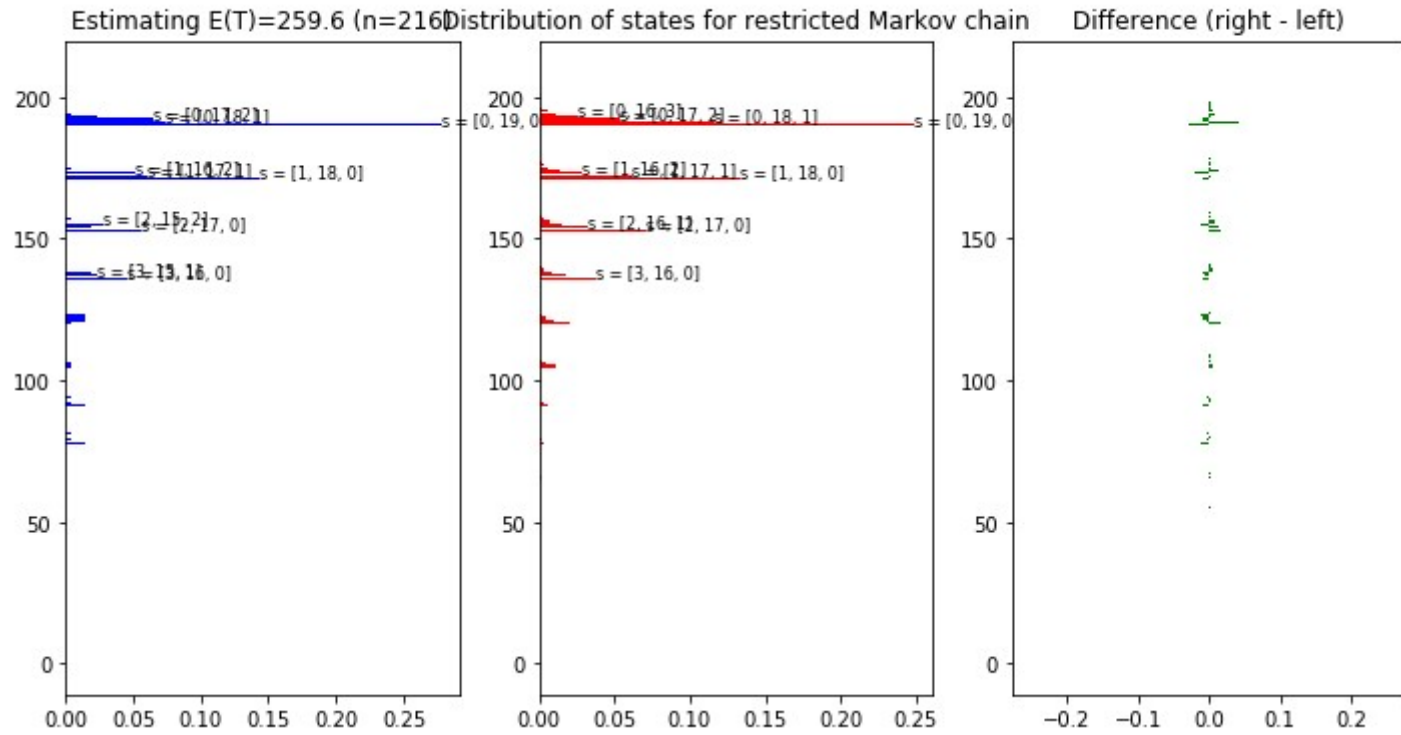
Distribution of absorption states



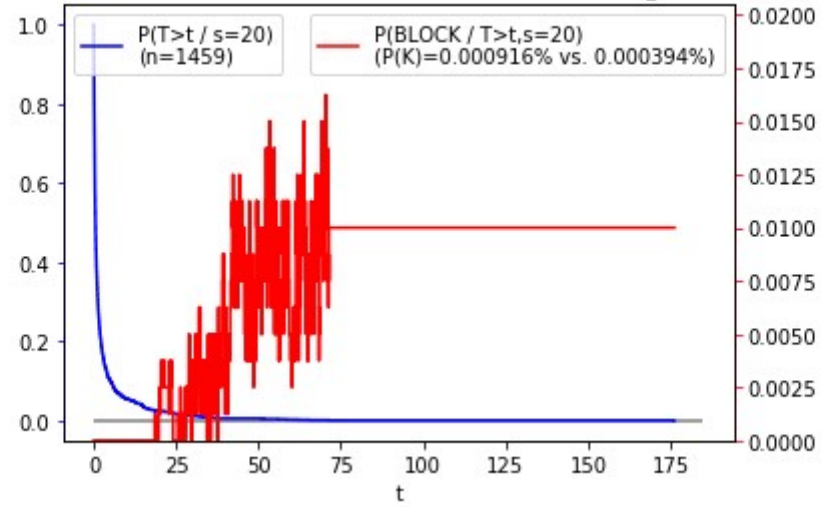
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=259.6(n=216), finalize=ABS, seed=1721



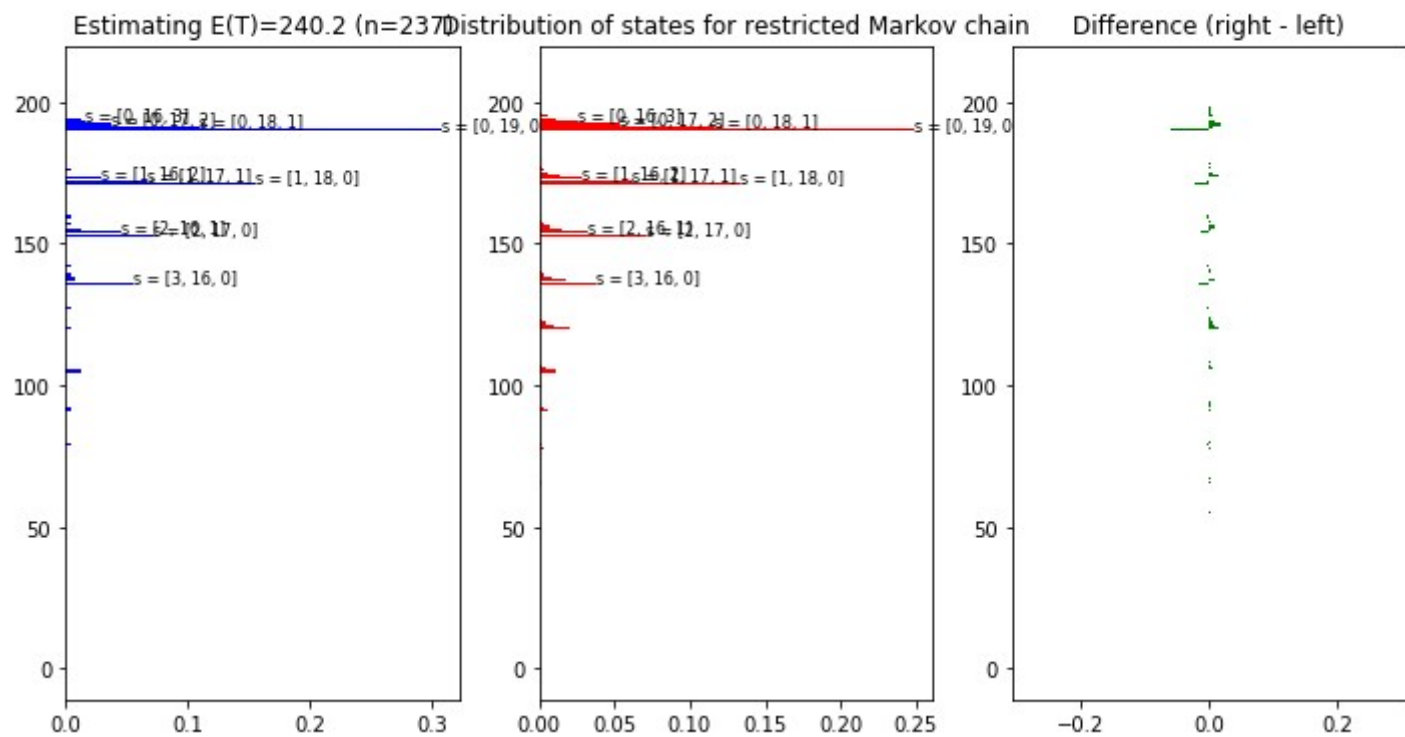
Distribution of absorption states



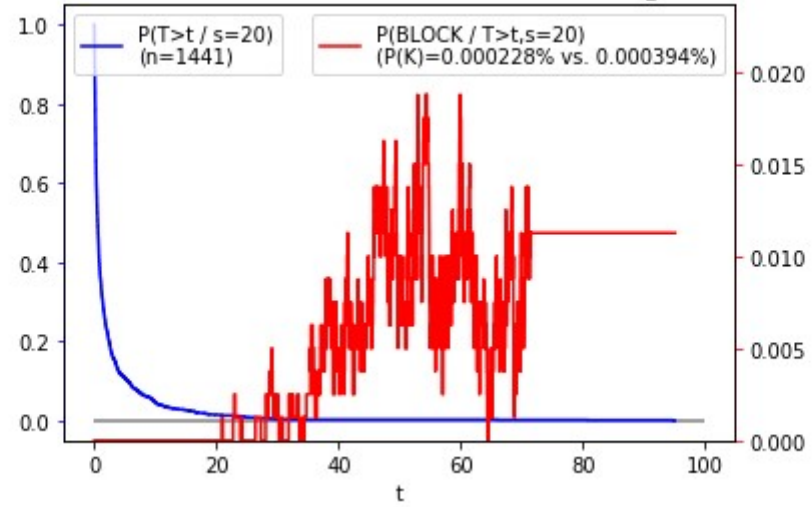
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=240.2(n=237), finalize=ABS, seed=1722



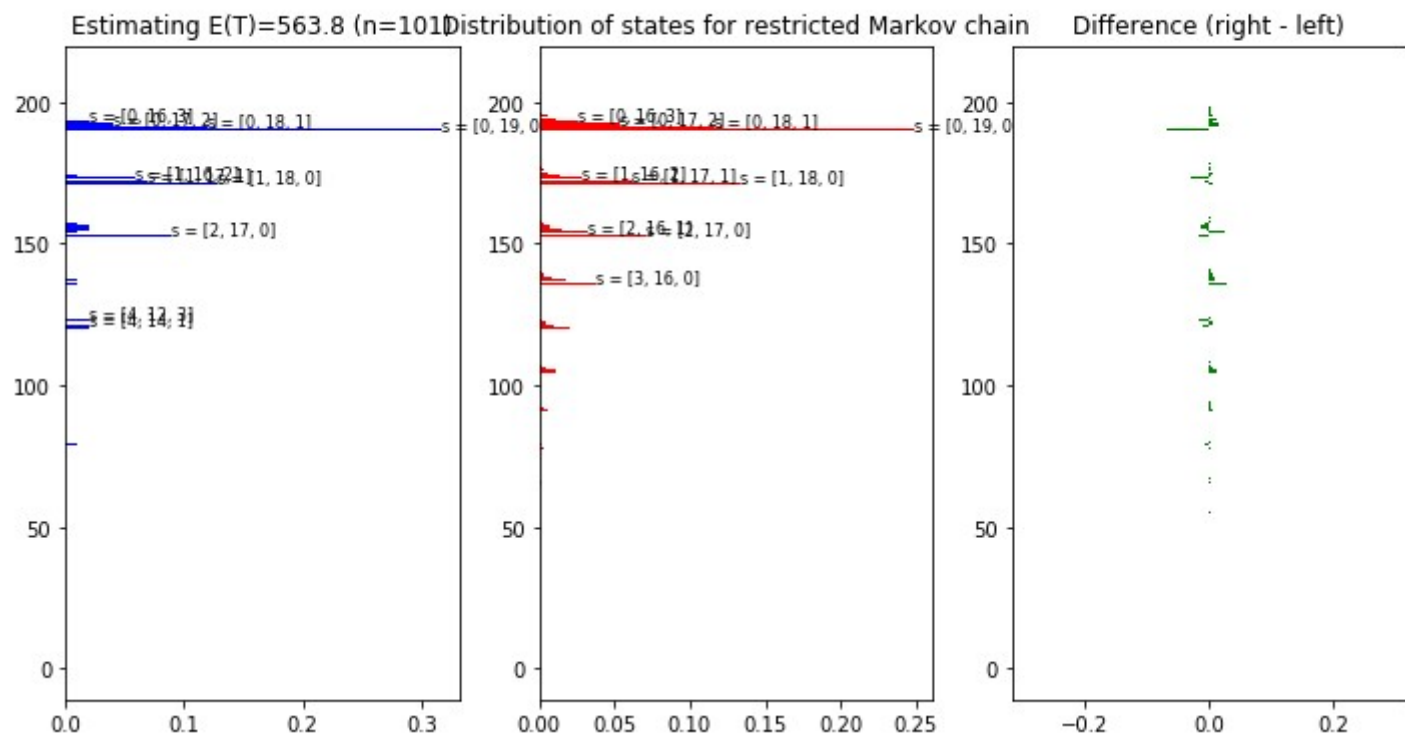
Distribution of absorption states



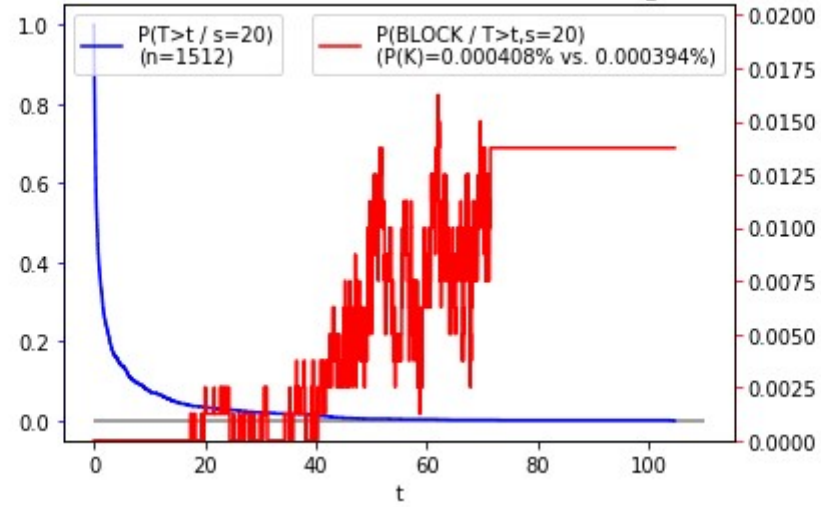
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=563.8(n=101), finalize=ABS, seed=1723



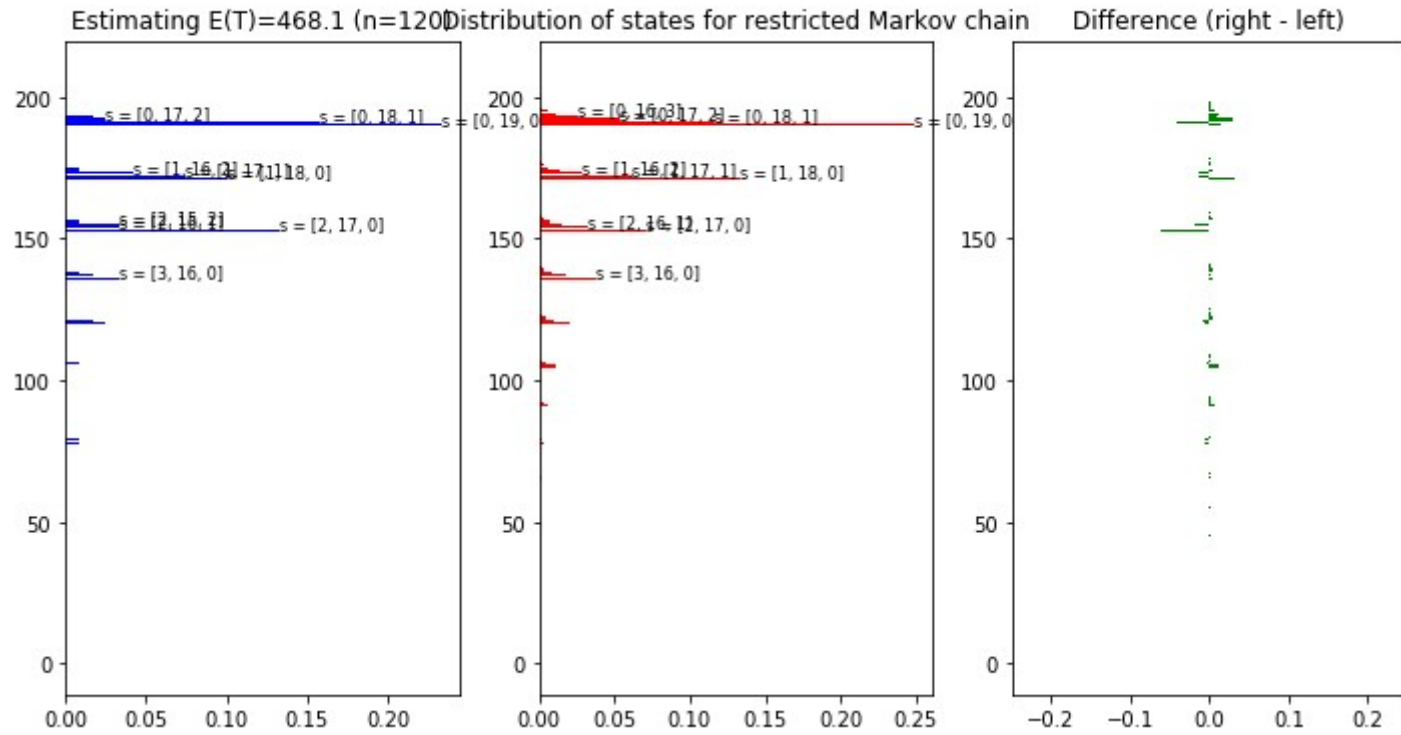
Distribution of absorption states



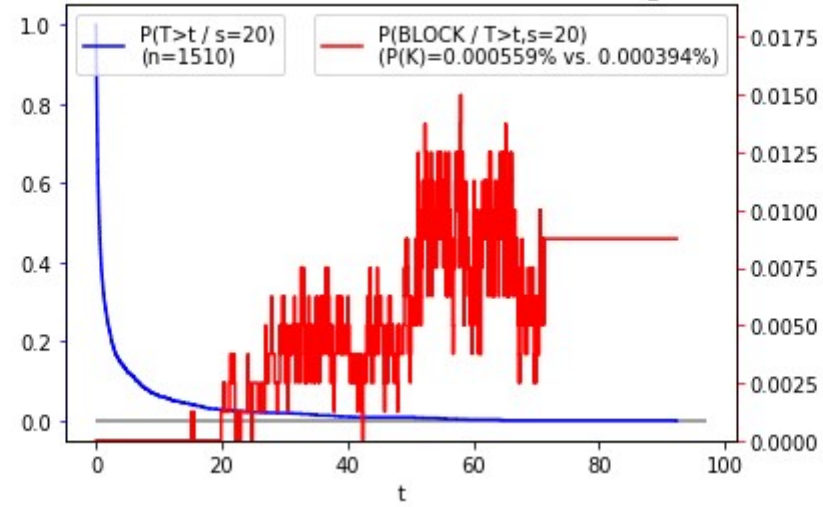
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=468.1(n=120), finalize=ABS, seed=1724



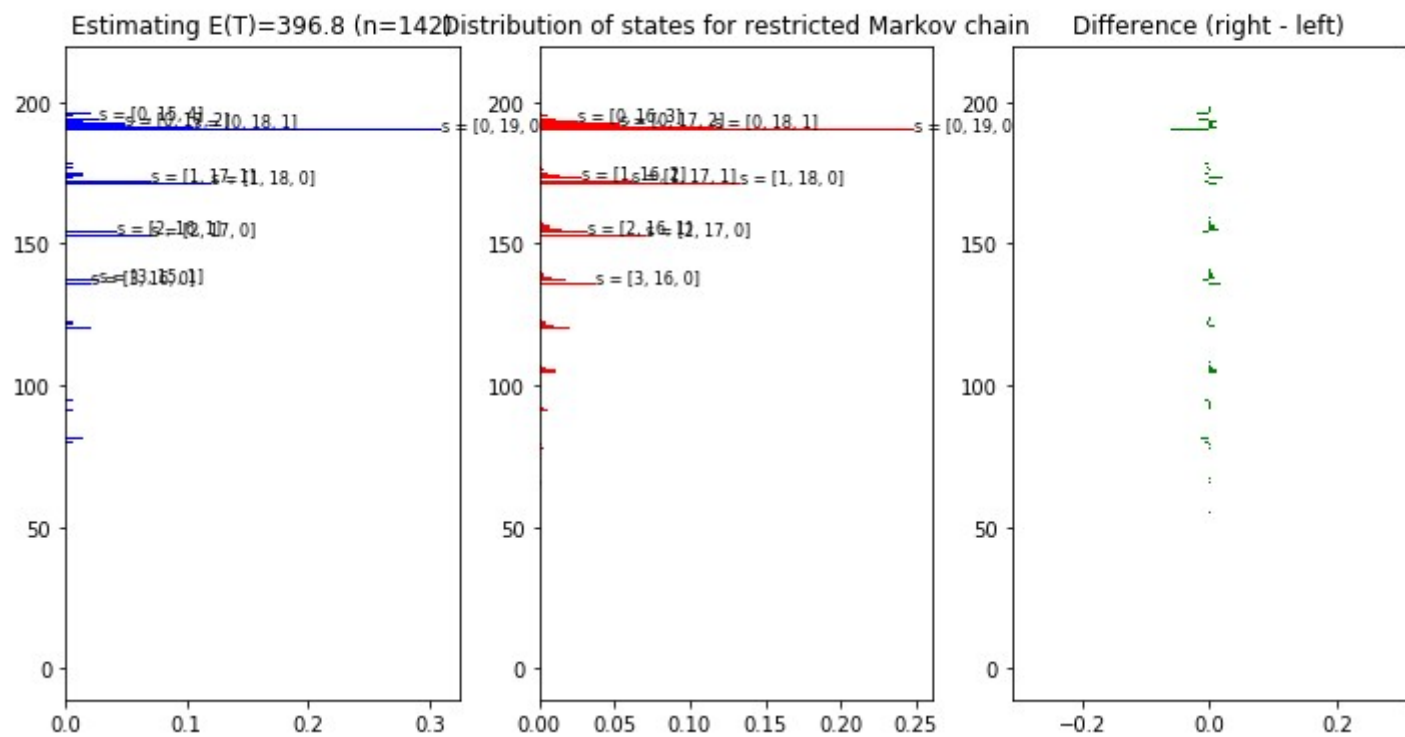
Distribution of absorption states



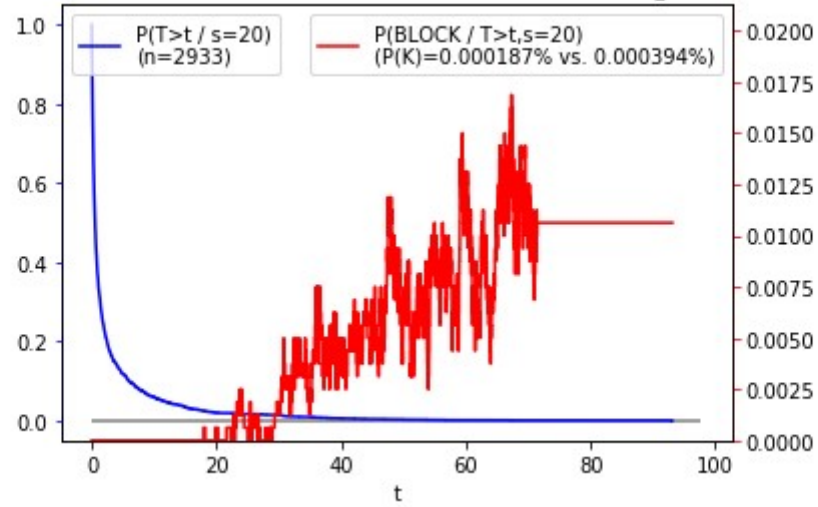
K=40, rhos=[0.4, 0.75, 0.35], N=800, activation size=20, maxtime(1)=57142.9, maxtime(N)=71.4, mean_lifetime=396.8(n=142), finalize=ABS, seed=1725



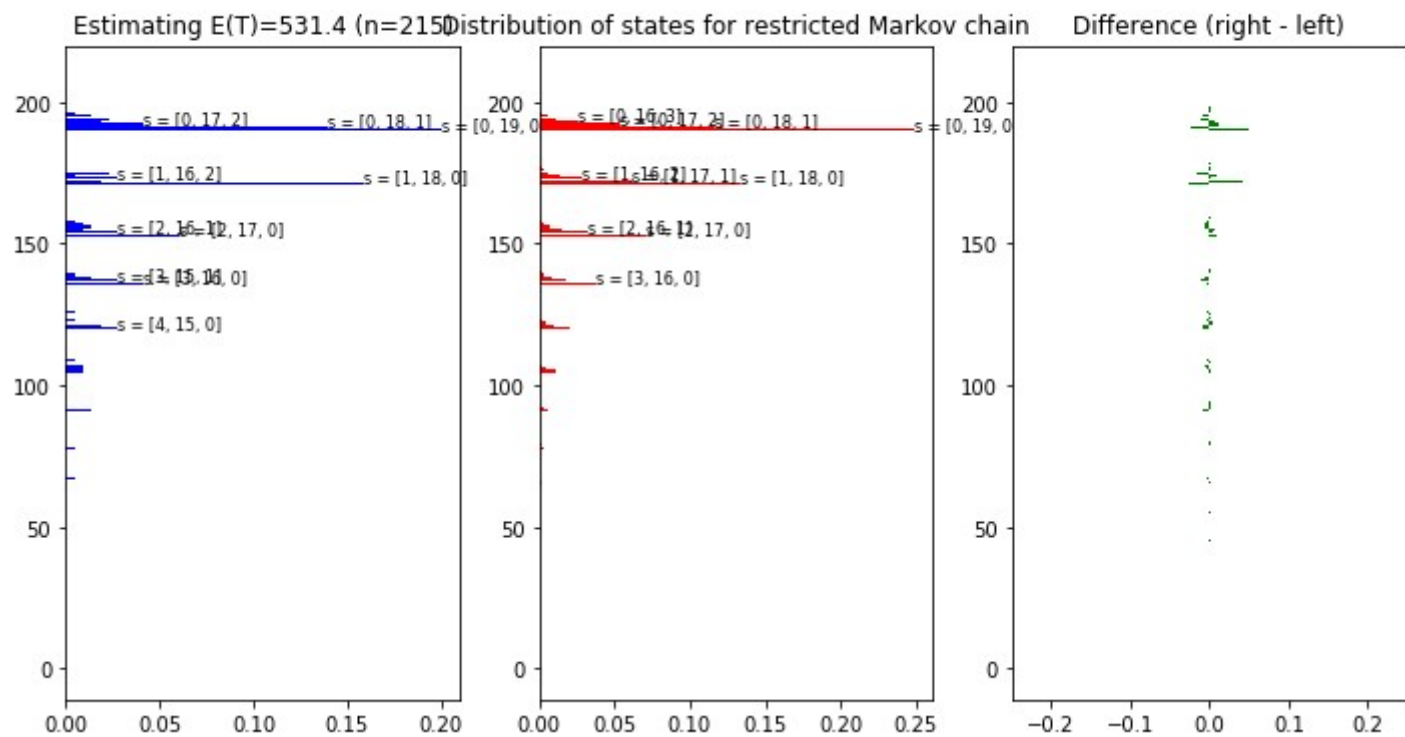
Distribution of absorption states



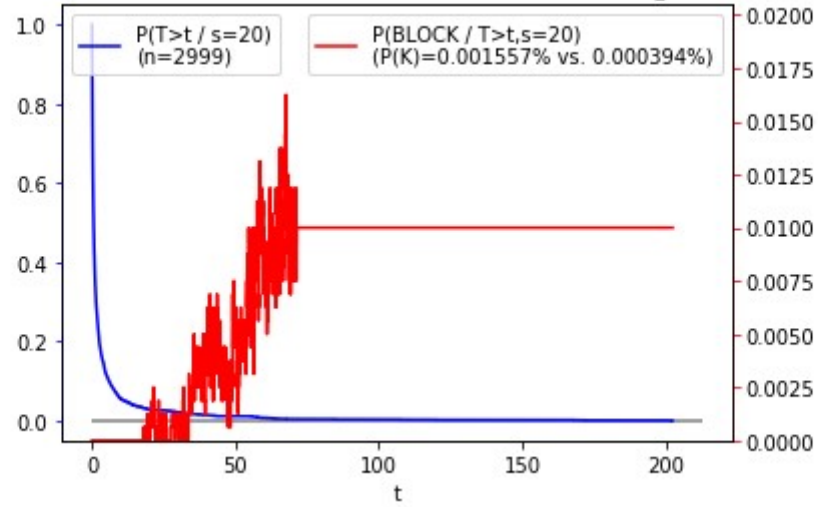
K=40, rhos=[0.4, 0.75, 0.35], N=1600, activation size=20, maxtime(1)=114285.7, maxtime(N)=71.4, mean_lifetime=531.4(n=215), finalize=ABS, seed=1718



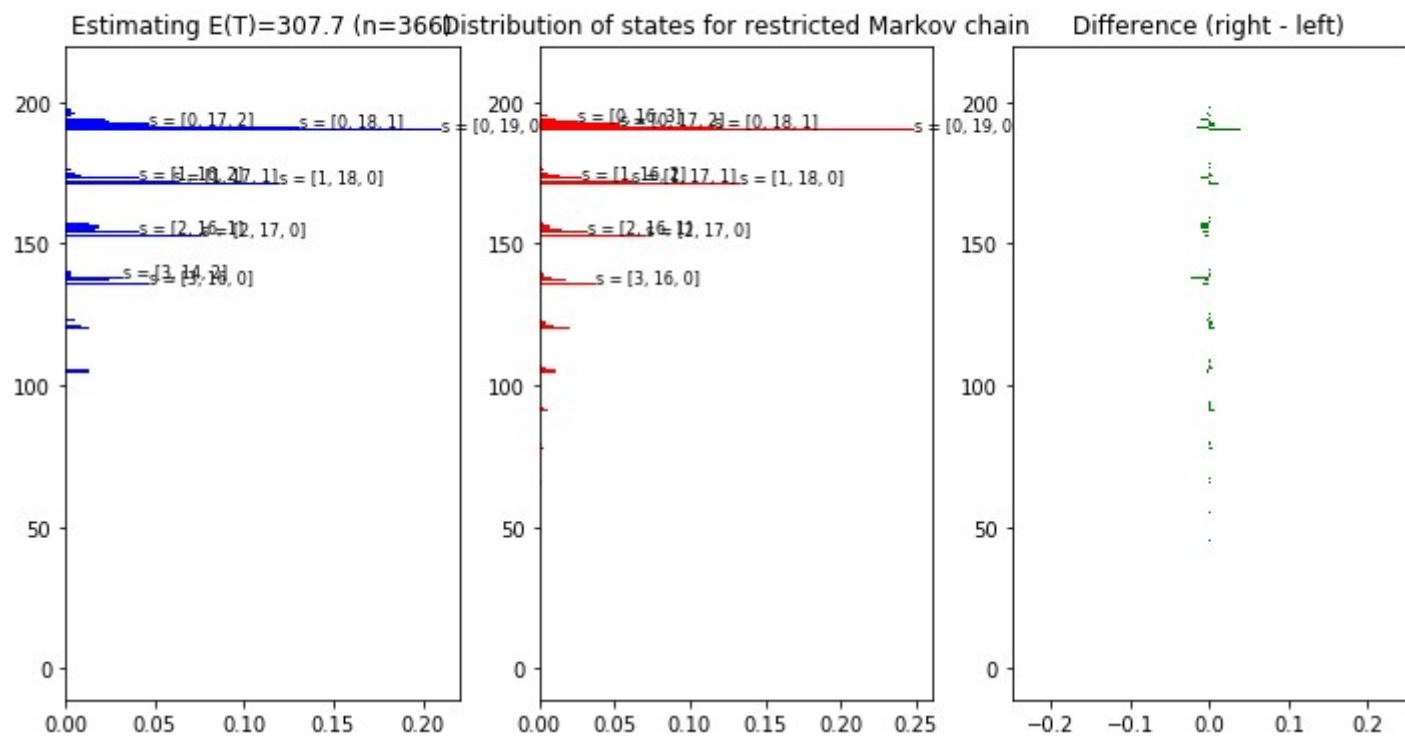
Distribution of absorption states



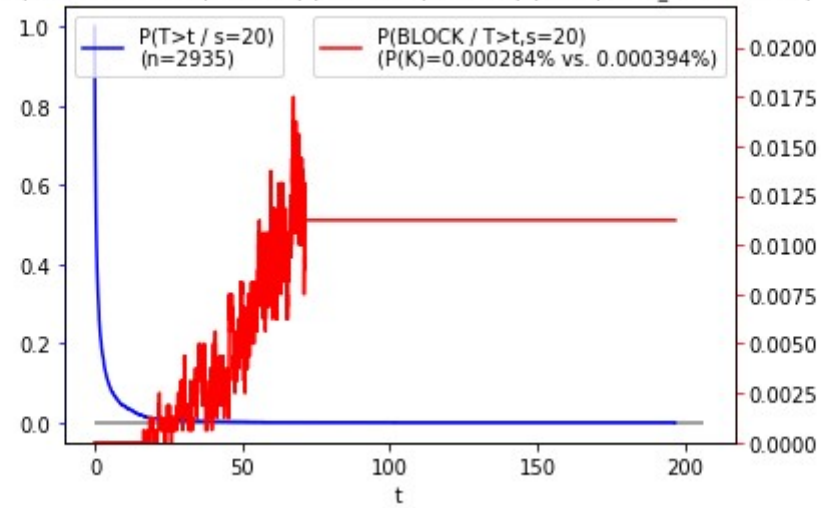
K=40, rhos=[0.4, 0.75, 0.35], N=1600, activation size=20, maxtime(1)=114285.7, maxtime(N)=71.4, mean_lifetime=307.7(n=366), finalize=ABS, seed=1719



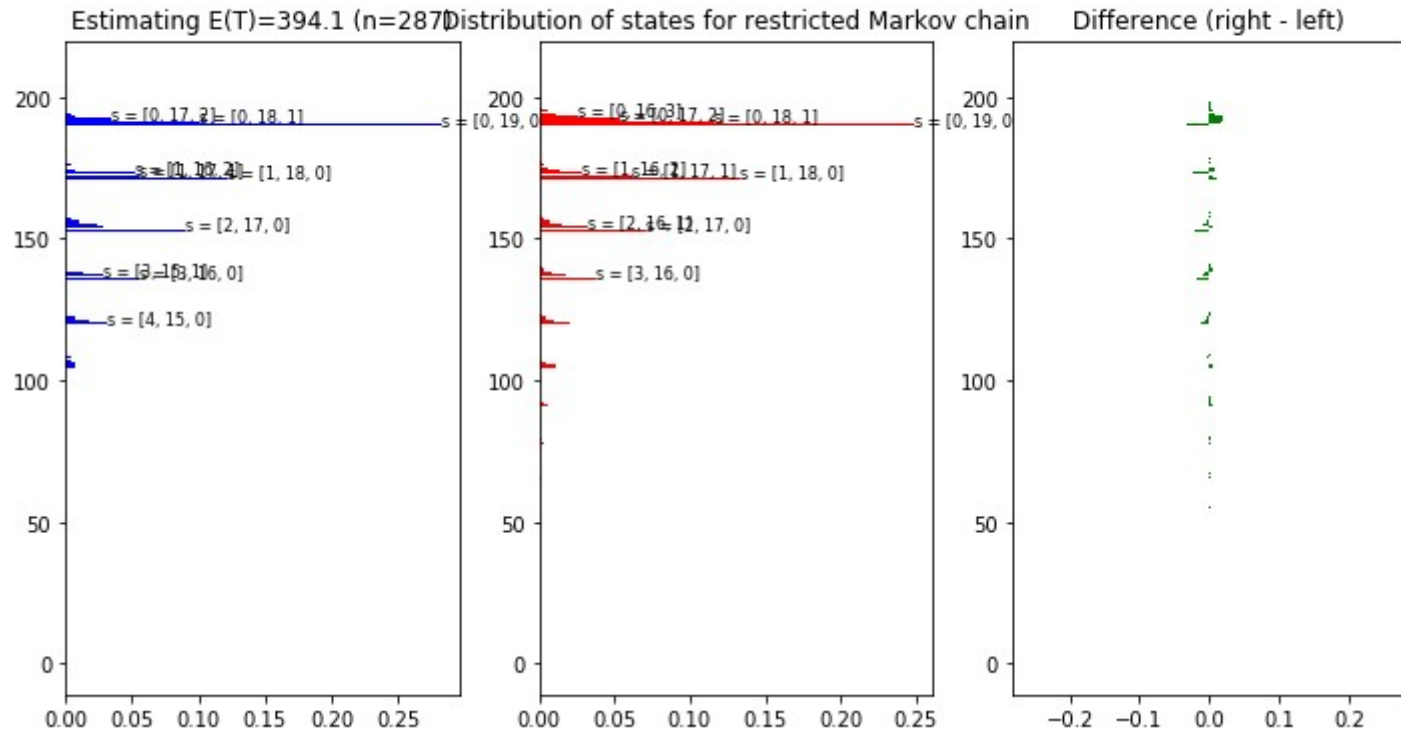
Distribution of absorption states



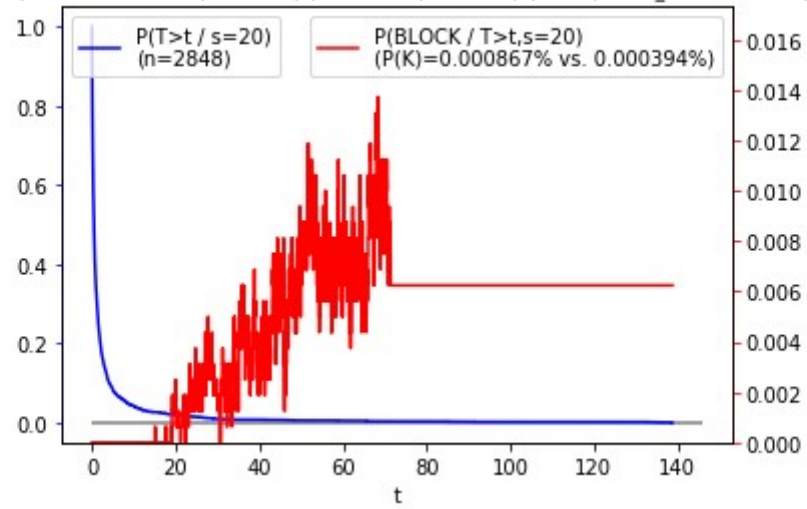
K=40, rhos=[0.4, 0.75, 0.35], N=1600, activation size=20, maxtime(1)=114285.7, maxtime(N)=71.4, mean_lifetime=394.1(n=287), finalize=ABS, seed=1720



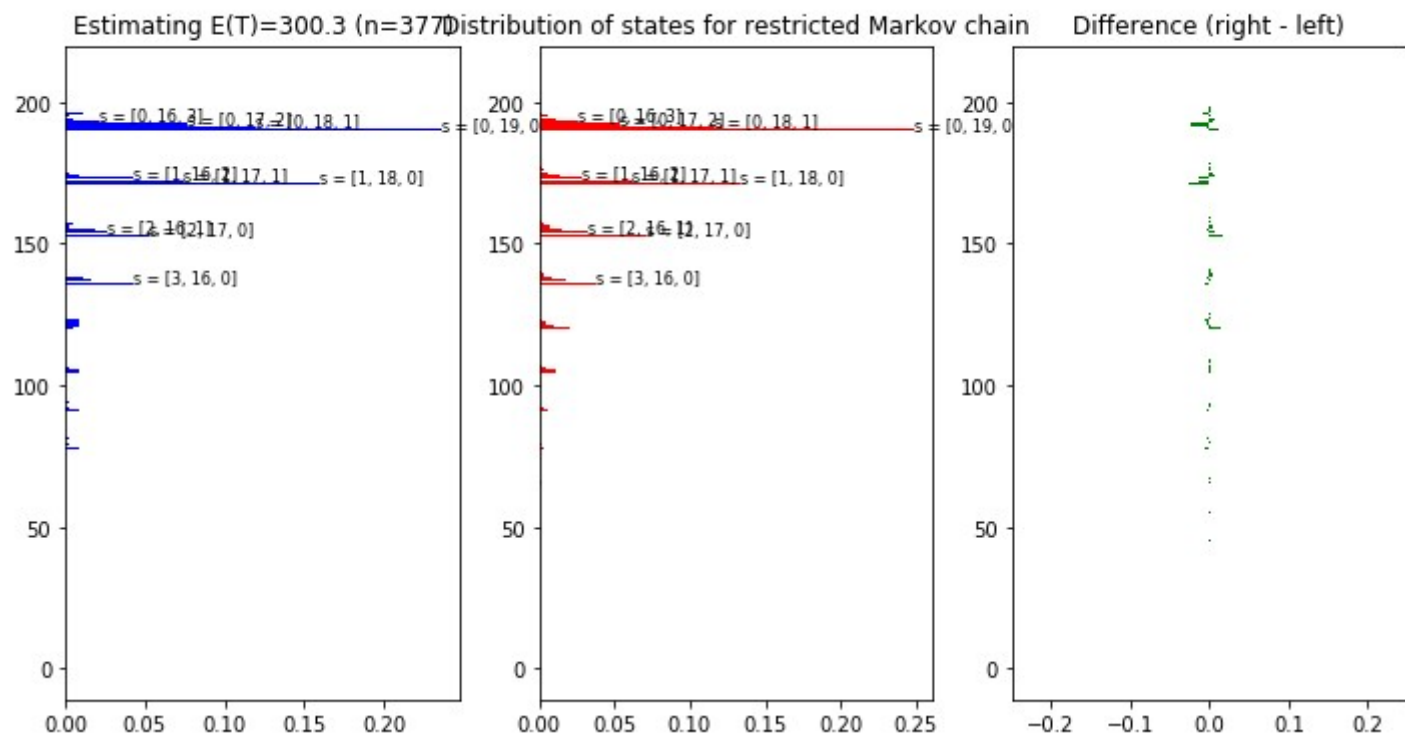
Distribution of absorption states



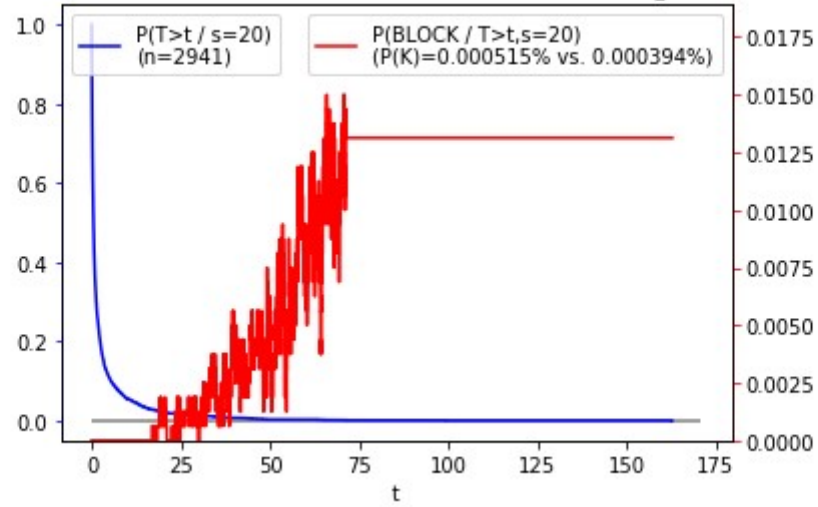
K=40, rhos=[0.4, 0.75, 0.35], N=1600, activation size=20, maxtime(1)=114285.7, maxtime(N)=71.4, mean_lifetime=300.3(n=377), finalize=ABS, seed=1721



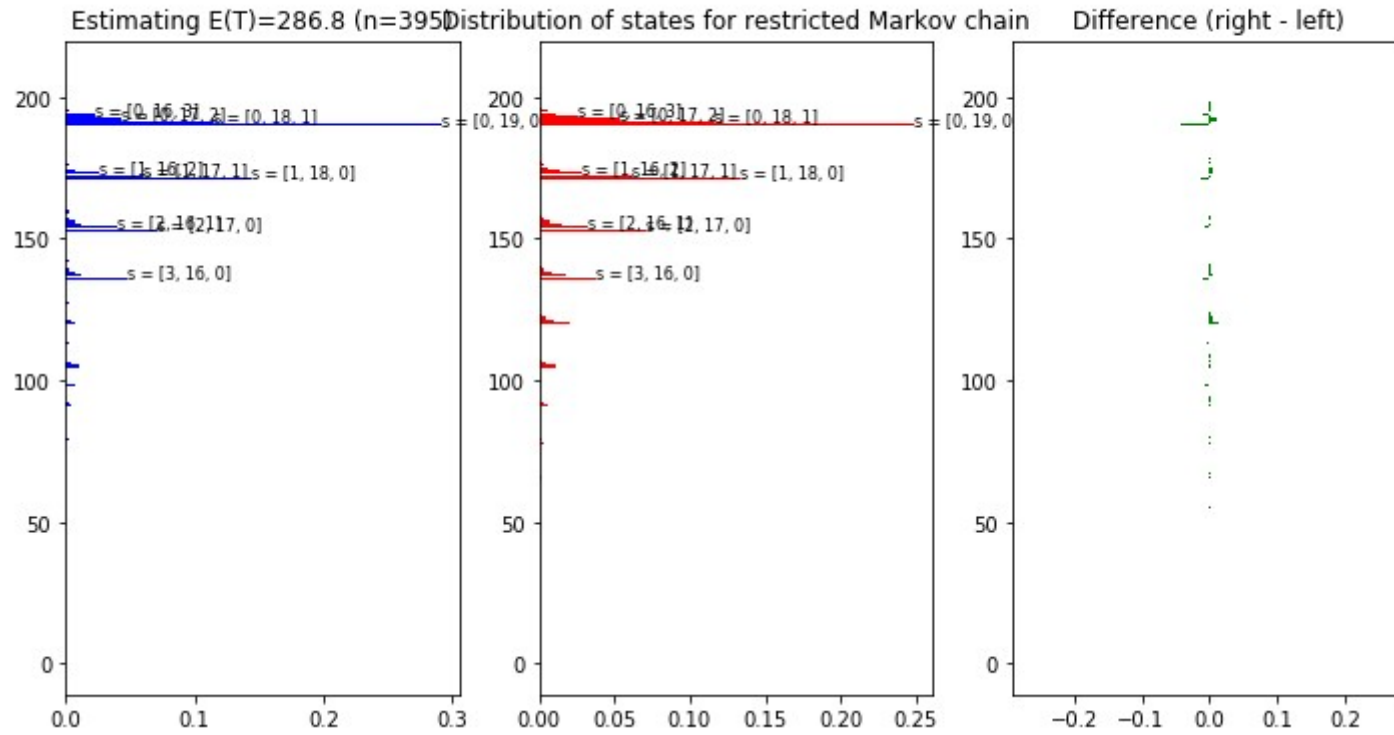
Distribution of absorption states



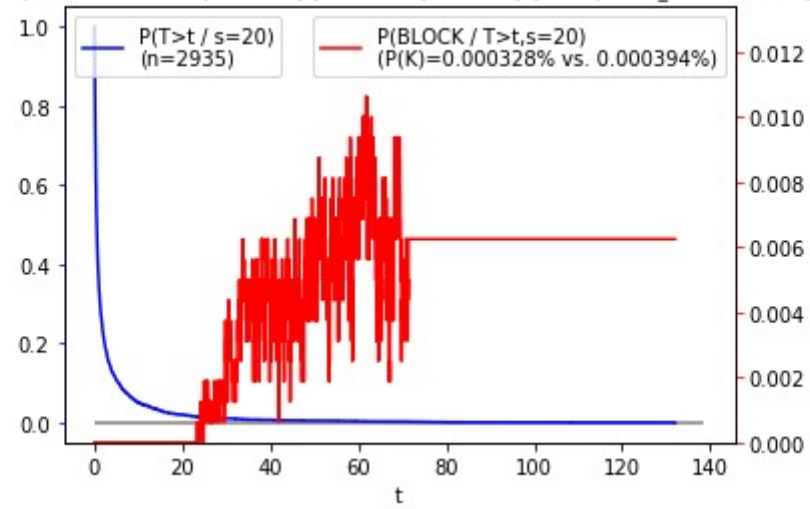
K=40, rhos=[0.4, 0.75, 0.35], N=1600, activation size=20, maxtime(1)=114285.7, maxtime(N)=71.4, mean_lifetime=286.8(n=395), finalize=ABS, seed=1722



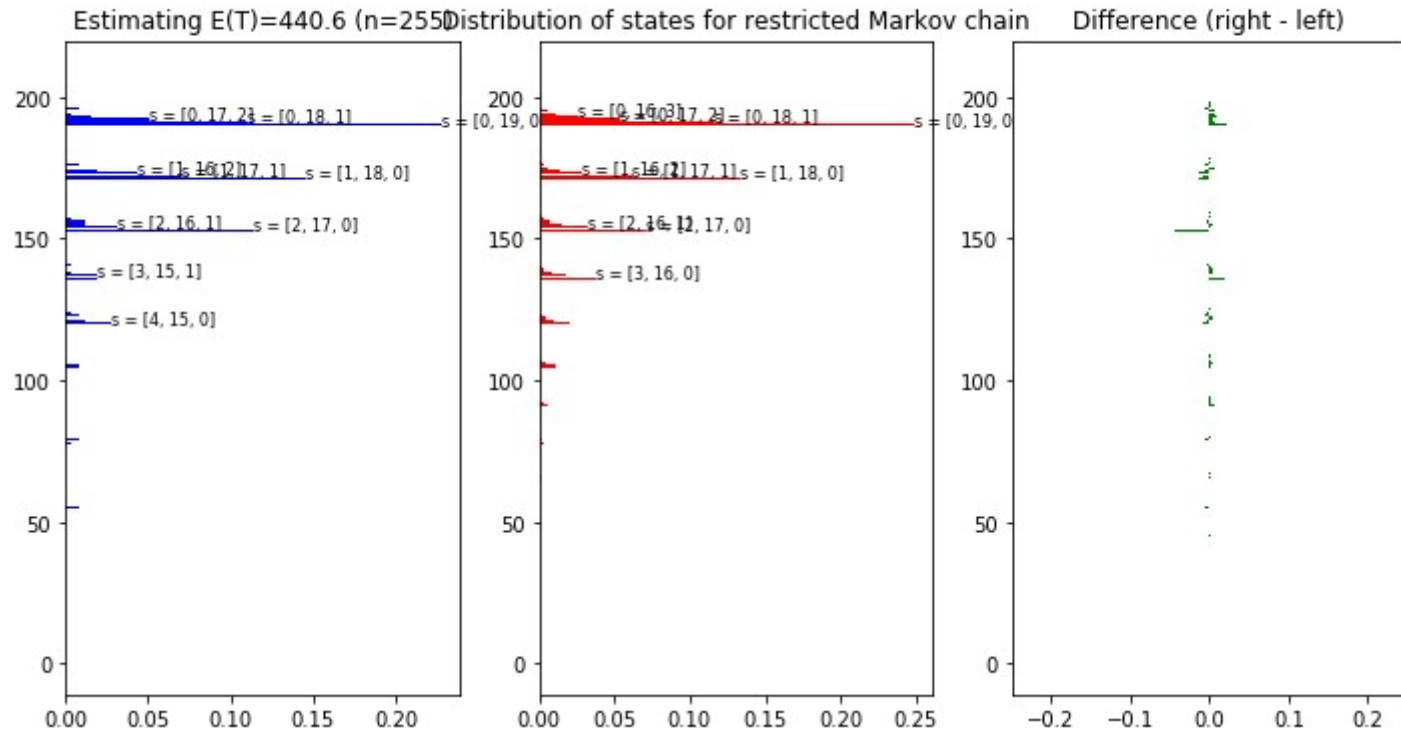
Distribution of absorption states



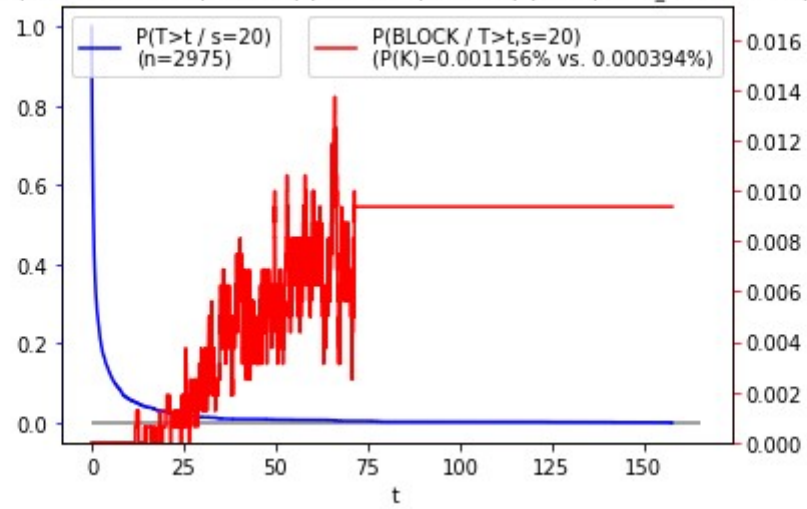
K=40, rhos=[0.4, 0.75, 0.35], N=1600, activation size=20, maxtime(1)=114285.7, maxtime(N)=71.4, mean_lifetime=440.6(n=255), finalize=ABS, seed=1723



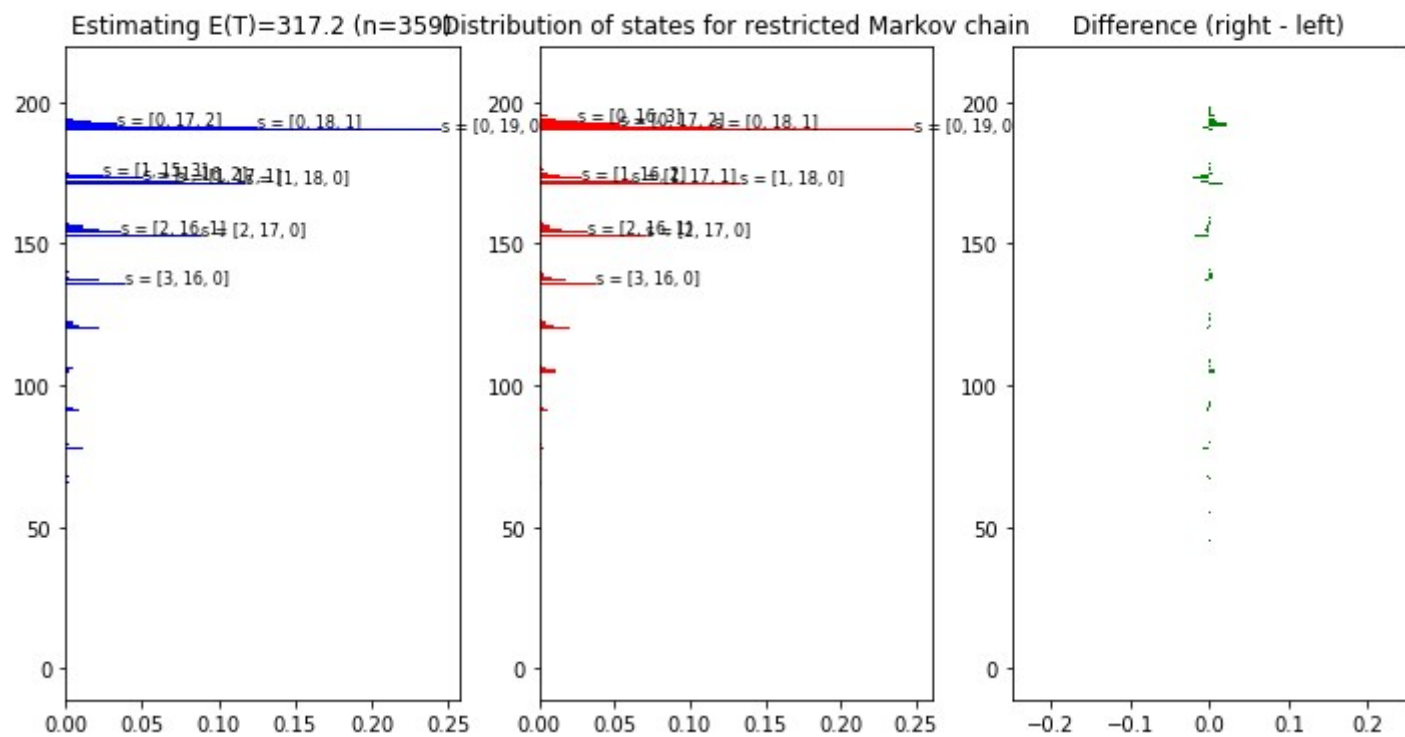
Distribution of absorption states



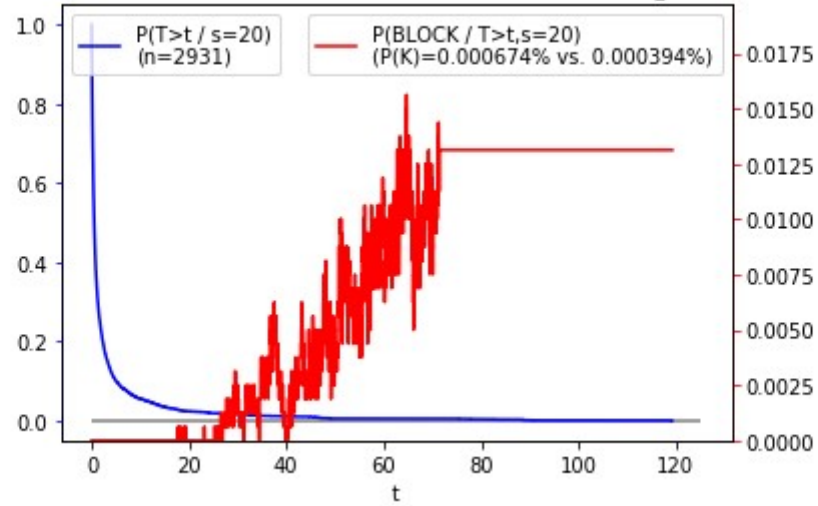
K=40, rhos=[0.4, 0.75, 0.35], N=1600, activation size=20, maxtime(1)=114285.7, maxtime(N)=71.4, mean_lifetime=317.2(n=359), finalize=ABS, seed=1724



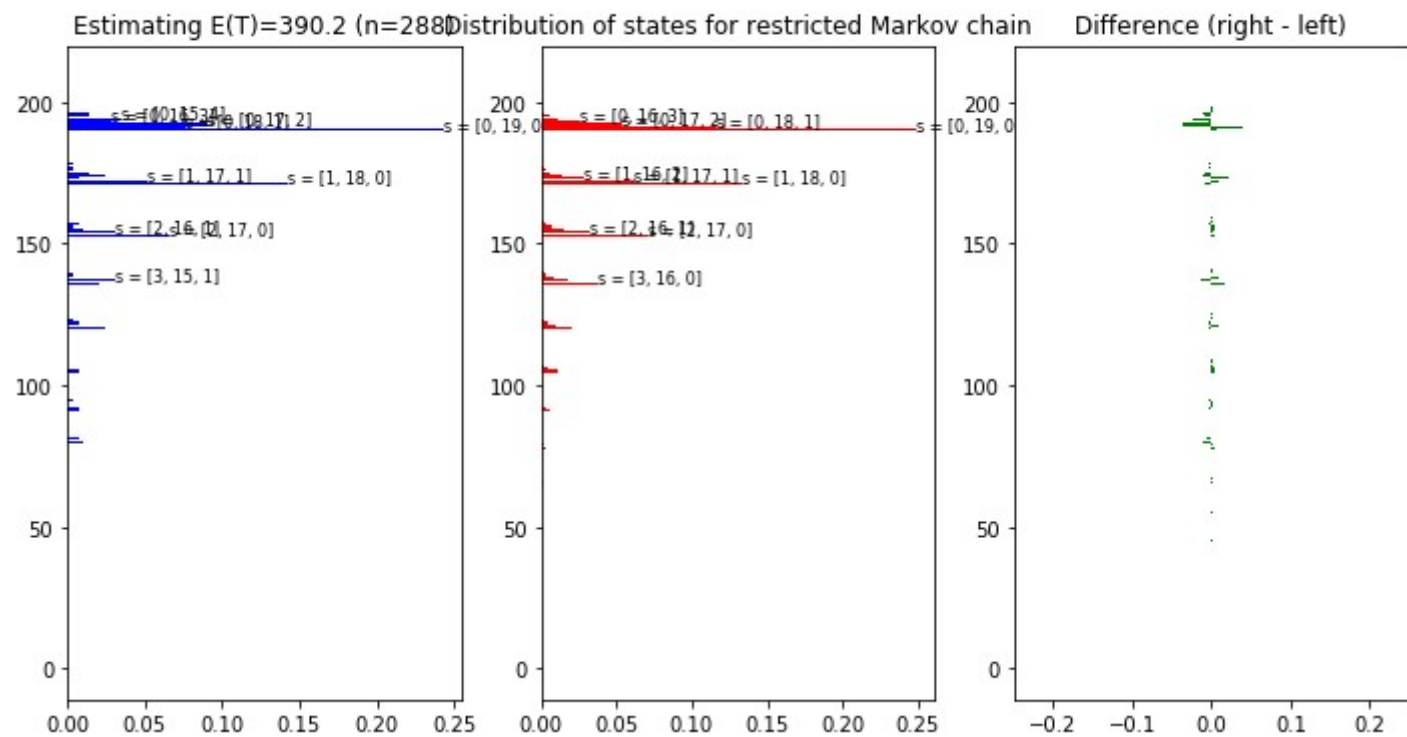
Distribution of absorption states



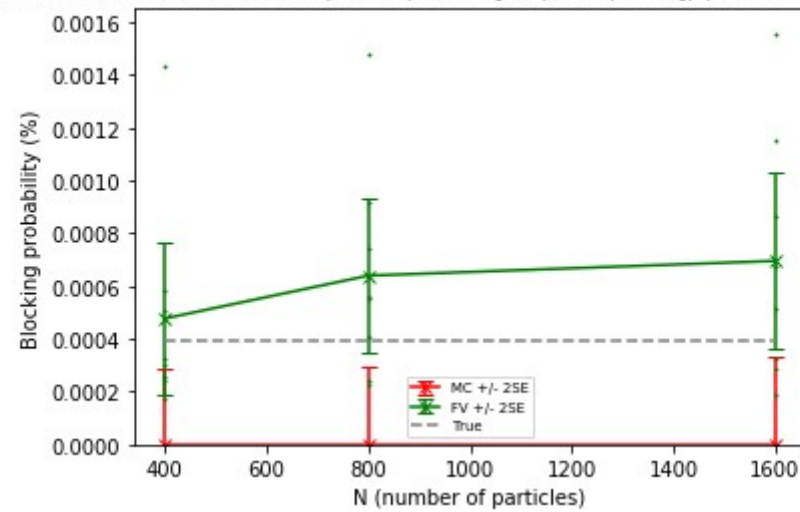
K=40, rhos=[0.4, 0.75, 0.35], N=1600, activation size=20, maxtime(1)=114285.7, maxtime(N)=71.4, mean_lifetime=390.2(n=288), finalize=ABS, seed=1725



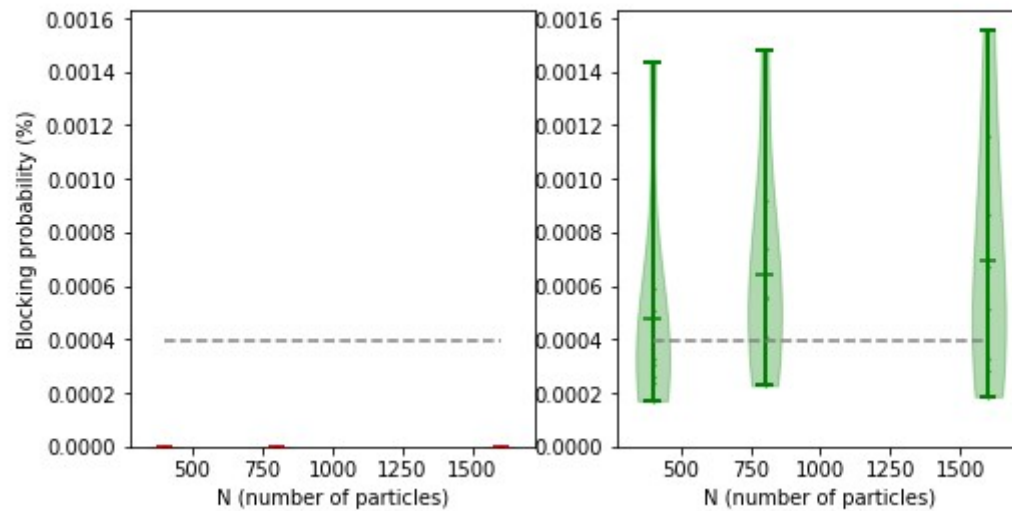
Distribution of absorption states



Simulation results for #servers=3, K=40, rhos=[0.4, 0.75, 0.35], (400<=N<=1600), T<=71



Simulation results for #servers=3, K=40, rhos=[0.4, 0.75, 0.35], (400<=N<=1600), T<=71



In [2]: