

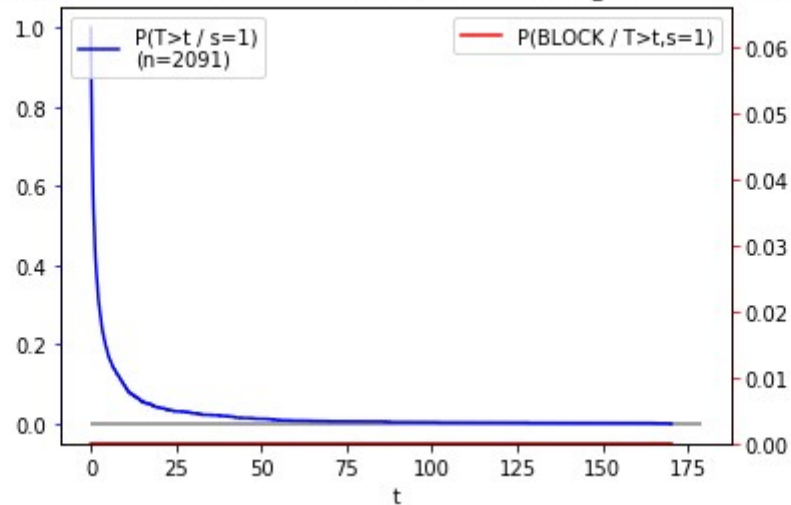
Python 3.6.4 |Anaconda custom (64-bit)| (default, Jan 16 2018, 10:22:32) [MSC v.1900 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 6.2.1 -- An enhanced Interactive Python.

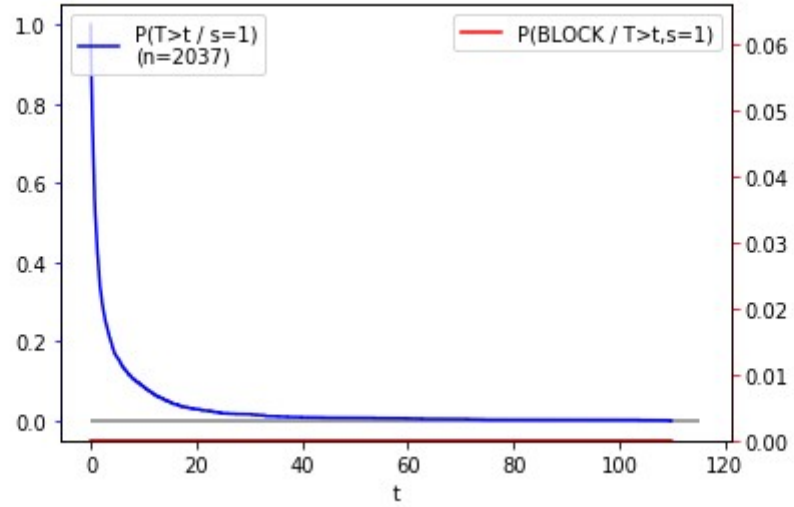
Restarting kernel...

```
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_20210429_184535.log' has been open for output.
Started at: 2021-04-29 18:45:35
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: 2021-04-29 22:27:59
Execution time: 222.4 min, 3.7 hours
```

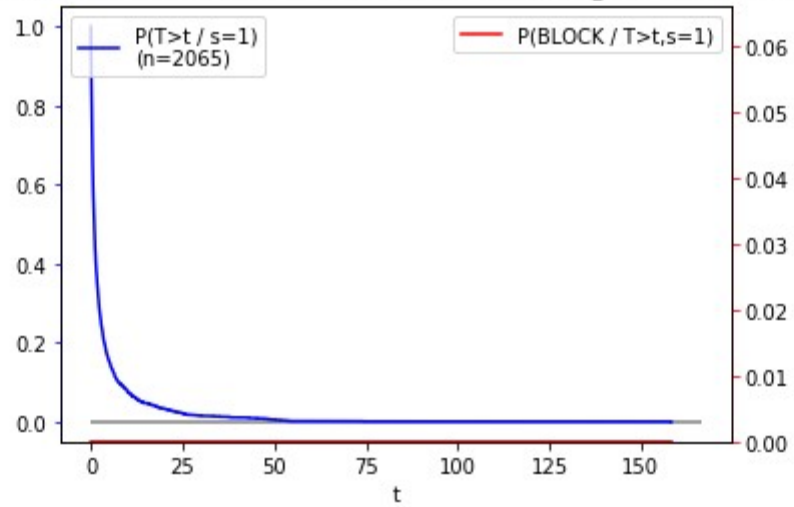
K=40, rhos=[0.7], N=1200, activation size=1, maxtime(1)=85714.3, maxtime(N)=71.4, mean_lifetime=4.8(n=17889), multiplier=1, seed=1313



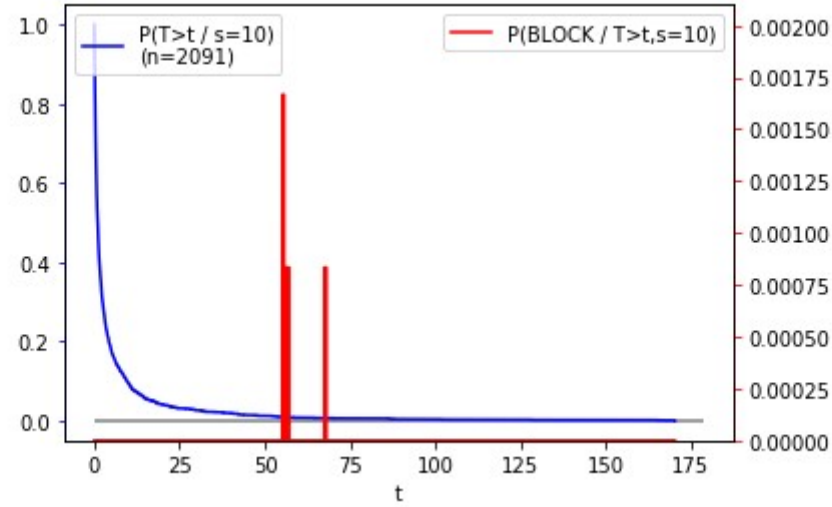
K=40, rhos=[0.7], N=1200, activation size=1, maxtime(1)=85714.3, maxtime(N)=71.4, mean_lifetime=4.7(n=18251), multiplier=1, seed=1313



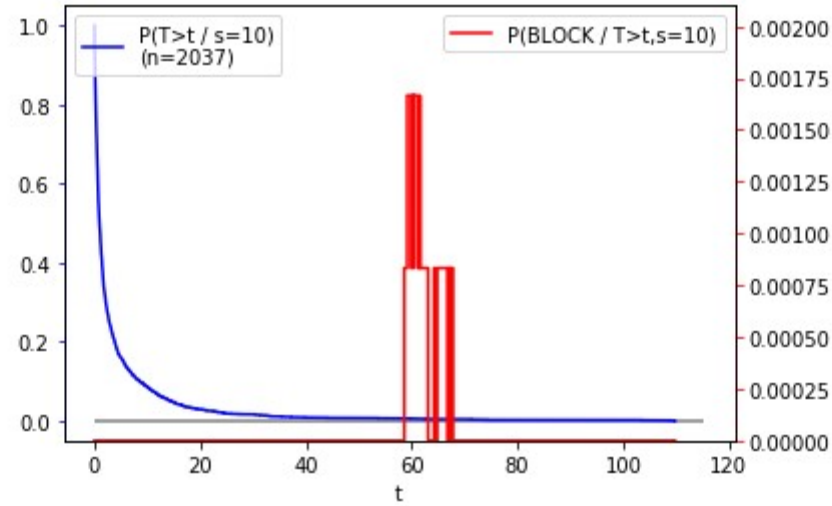
K=40, rhos=[0.7], N=1200, activation size=1, maxtime(1)=85714.3, maxtime(N)=71.4, mean_lifetime=4.9(n=17671), multiplier=1, seed=1313



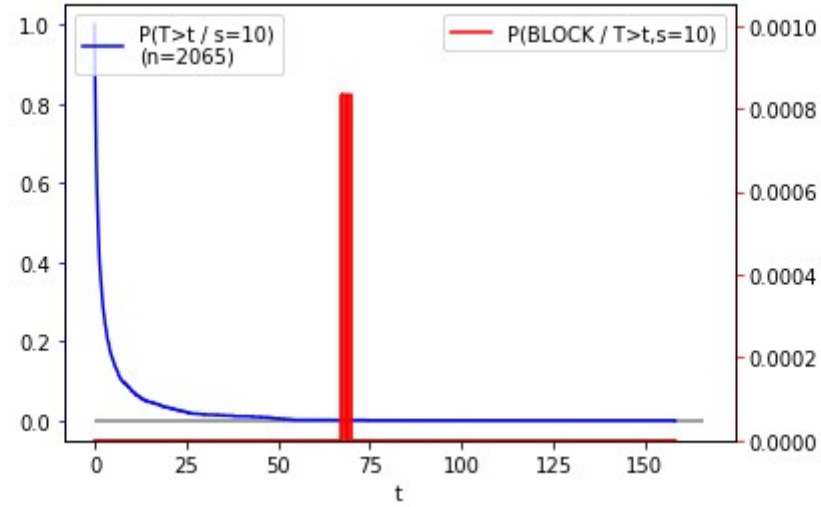
K=40, rhos=[0.7], N=1200, activation size=10, maxtime(1)=85714.3, maxtime(N)=71.4, mean_lifetime=114.4(n=748), multiplier=1, seed=1313



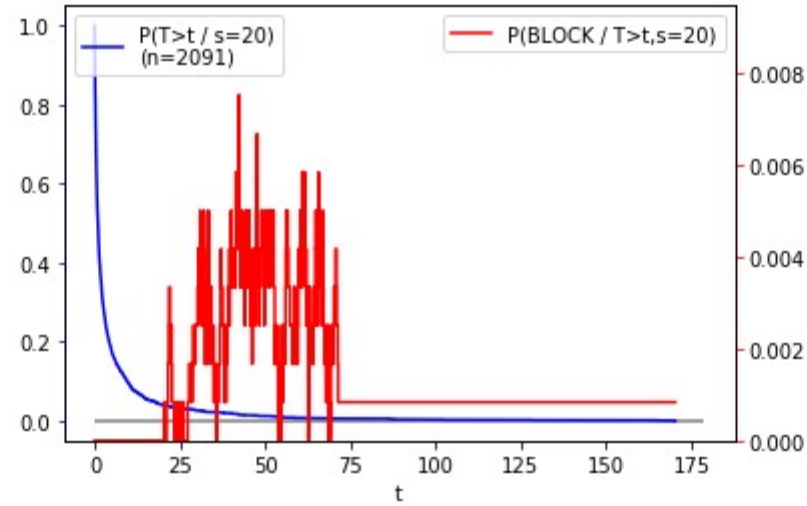
K=40, rhos=[0.7], N=1200, activation size=10, maxtime(1)=85714.3, maxtime(N)=71.4, mean_lifetime=122.8(n=698), multiplier=1, seed=1313



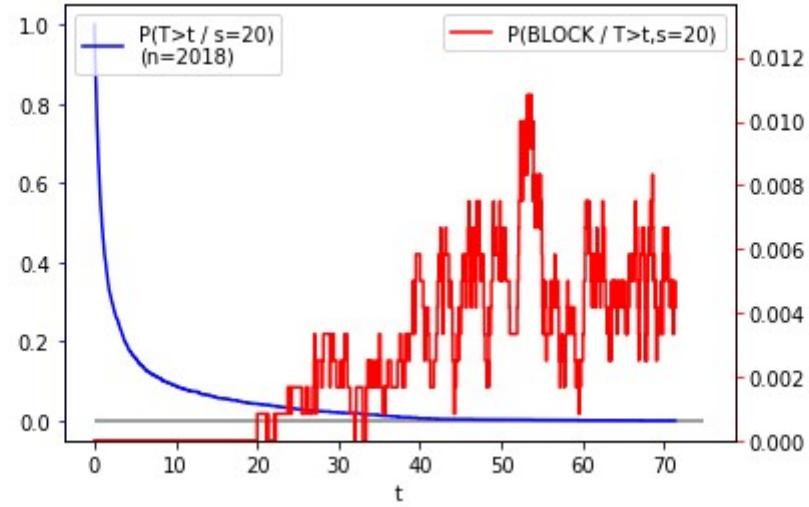
K=40, rhos=[0.7], N=1200, activation size=10, maxtime(1)=85714.3, maxtime(N)=71.4, mean_lifetime=120.0(n=709), multiplier=1, seed=1313



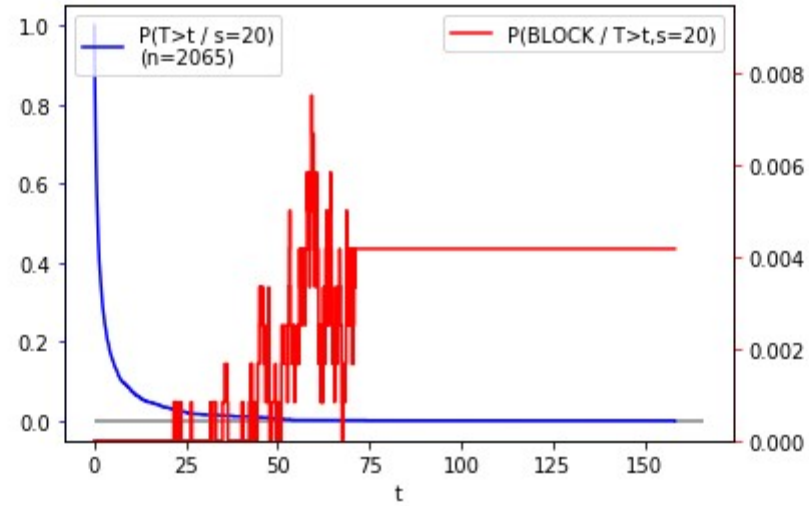
K=40, rhos=[0.7], N=1200, activation size=20, maxtime(1)=85714.3, maxtime(N)=71.4, mean_lifetime=5700.5(n=15), multiplier=1, seed=1313



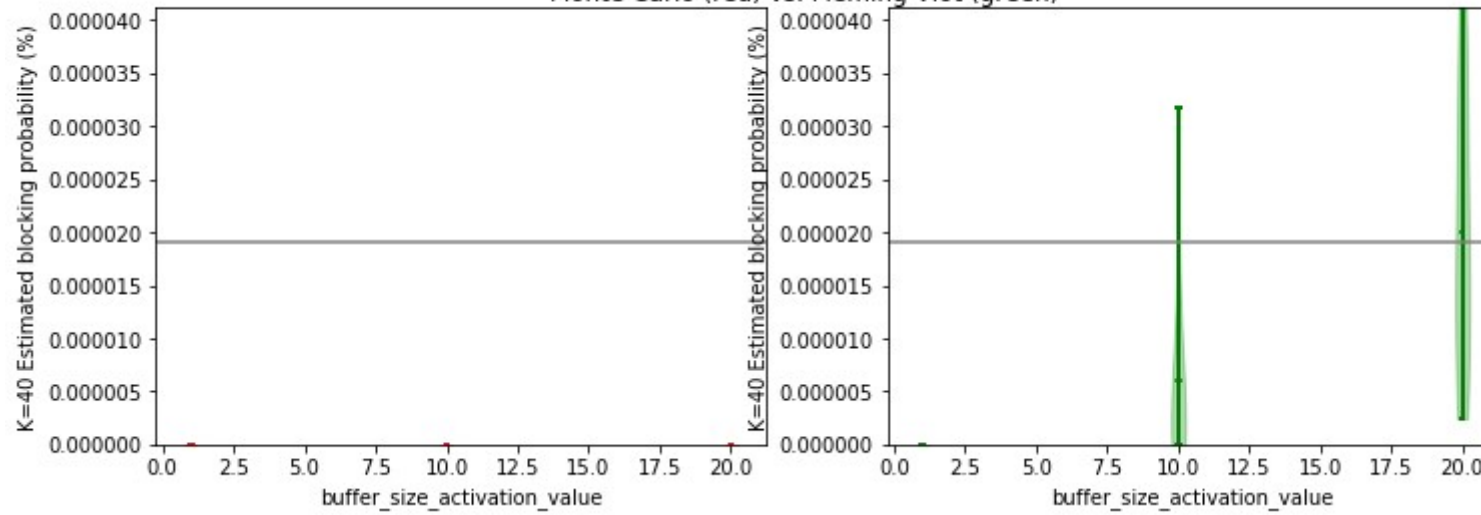
K=40, rhos=[0.7], N=1200, activation size=20, maxtime(1)=85714.3, maxtime(N)=71.4, mean_lifetime=2339.3(n=17), multiplier=1, seed=1313



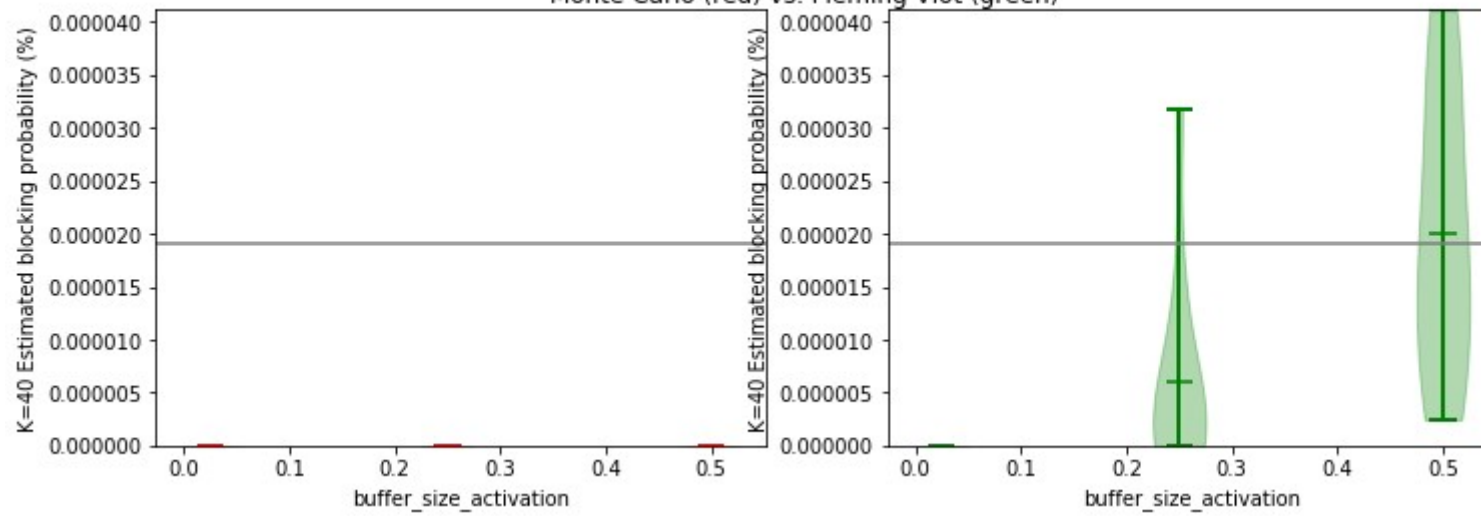
K=40, rhos=[0.7], N=1200, activation size=20, maxtime(1)=85714.3, maxtime(N)=71.4, mean_lifetime=2910.7(n=25), multiplier=1, seed=1313



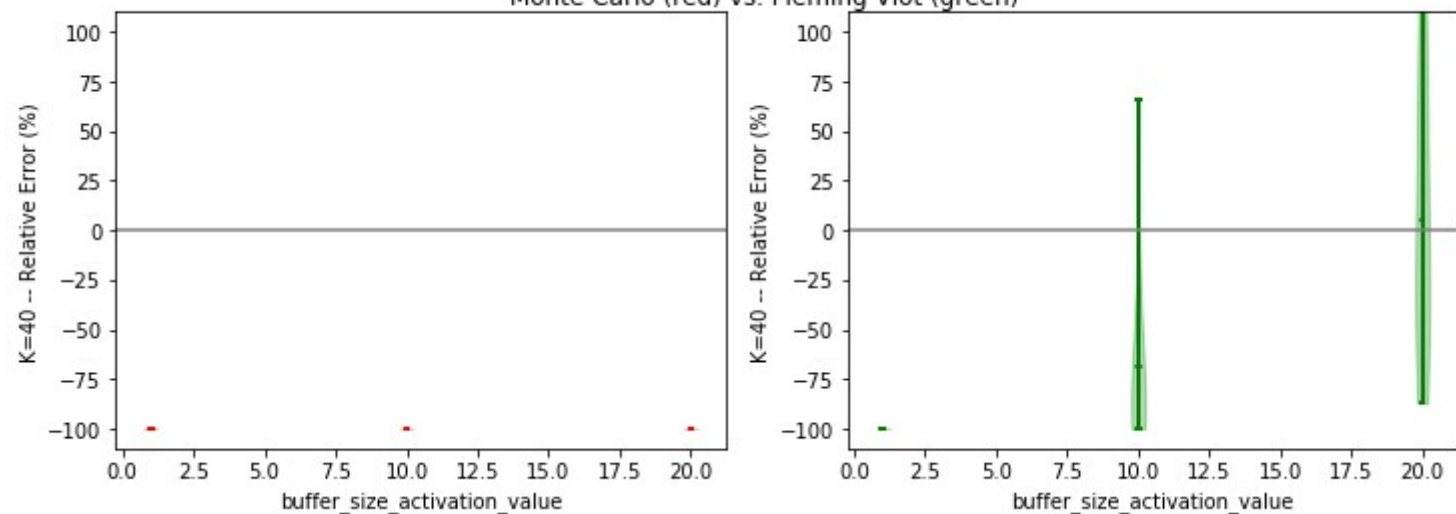
Distribution of blocking probability estimates of $\Pr(K=40) = 0.000019\%$ on 12 replications
 Monte Carlo (red) vs. Fleming Viot (green)



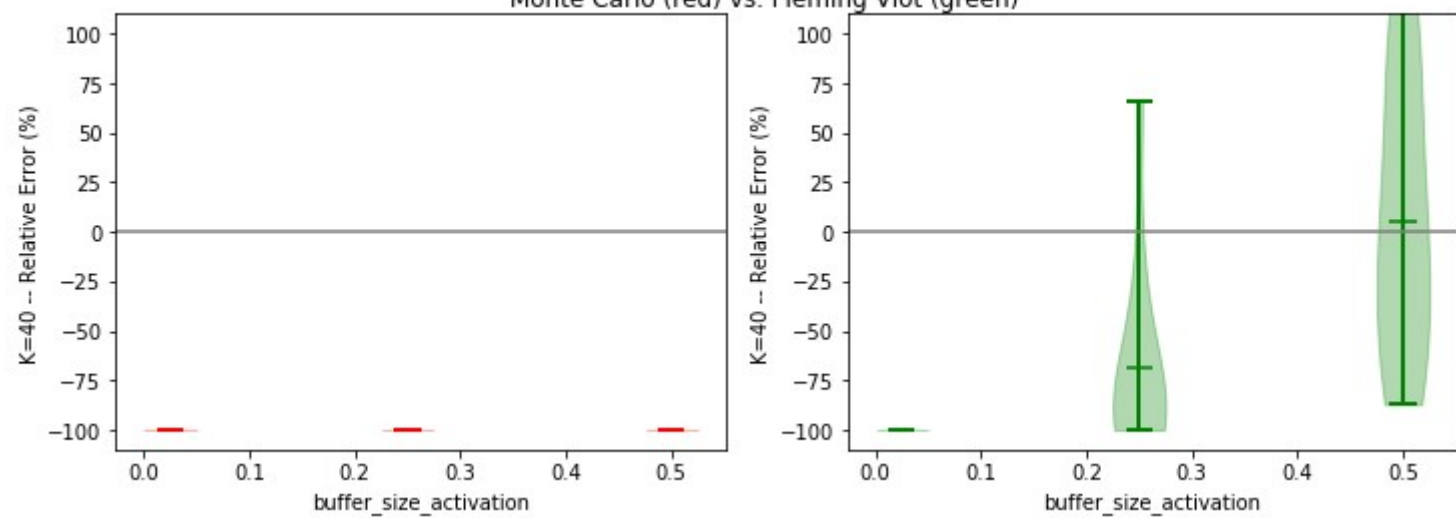
Distribution of blocking probability estimates of $\Pr(K=40) = 0.000019\%$ on 12 replications
 Monte Carlo (red) vs. Fleming Viot (green)



Error distribution of blocking probability estimation $\Pr(K=40)$ on 12 replications
 Monte Carlo (red) vs. Fleming Viot (green)



Error distribution of blocking probability estimation $\Pr(K=40)$ on 12 replications
 Monte Carlo (red) vs. Fleming Viot (green)



In [2]: