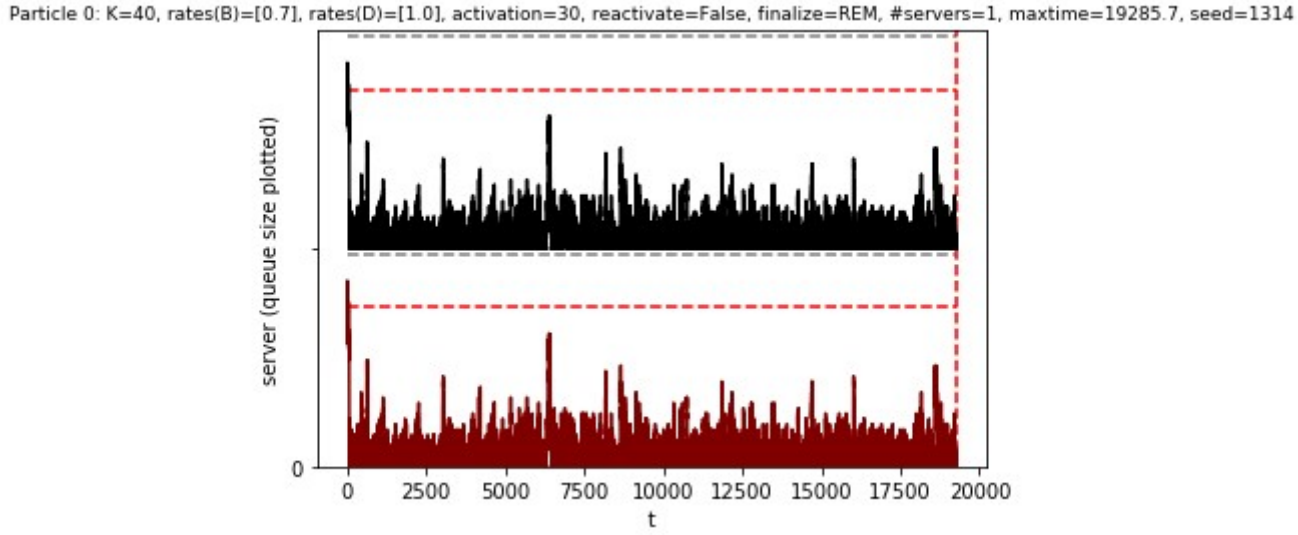
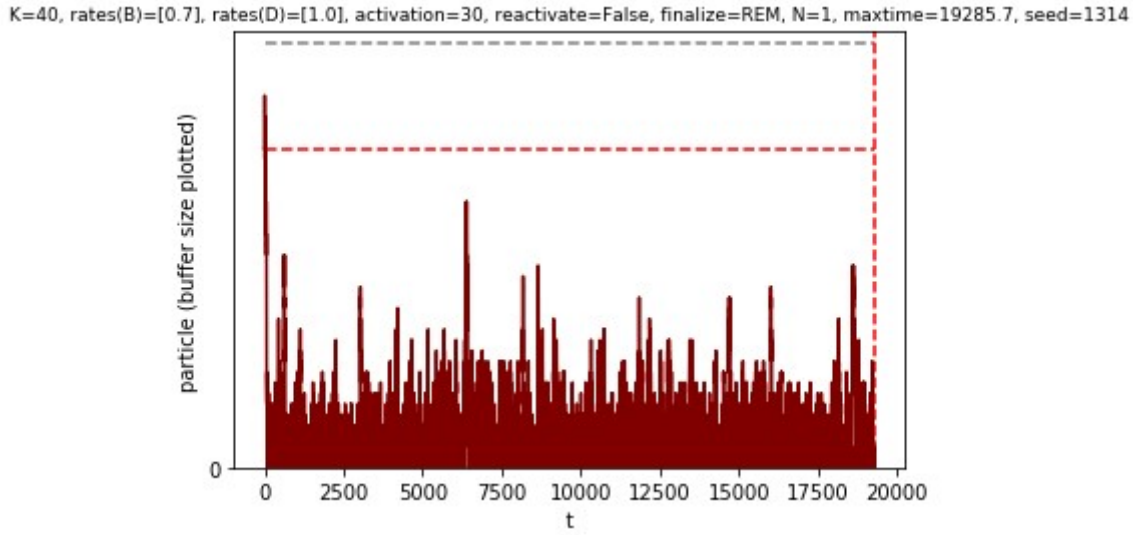
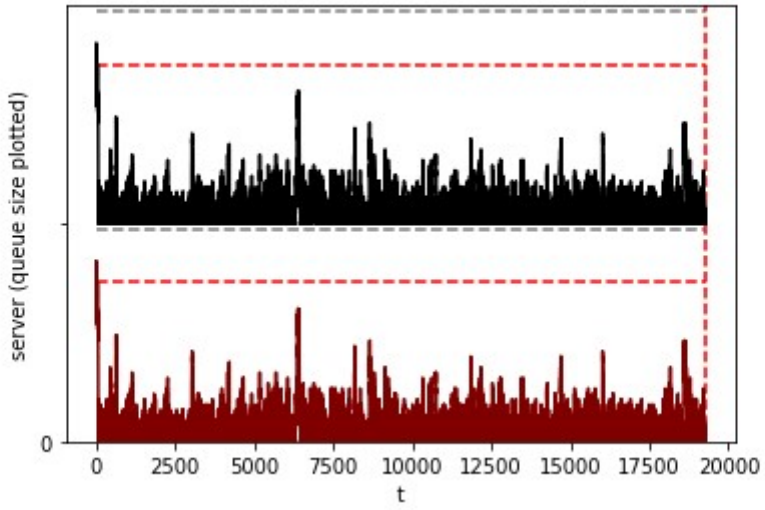
```
Python 3.6.4 |Anaconda custom (64-bit)| (default, Jan 16 2018, 10:22:32) [MSC v.1900 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

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_20210426_185402.log' has been open for
output.
Started at: 2021-04-26 18:54:02
```

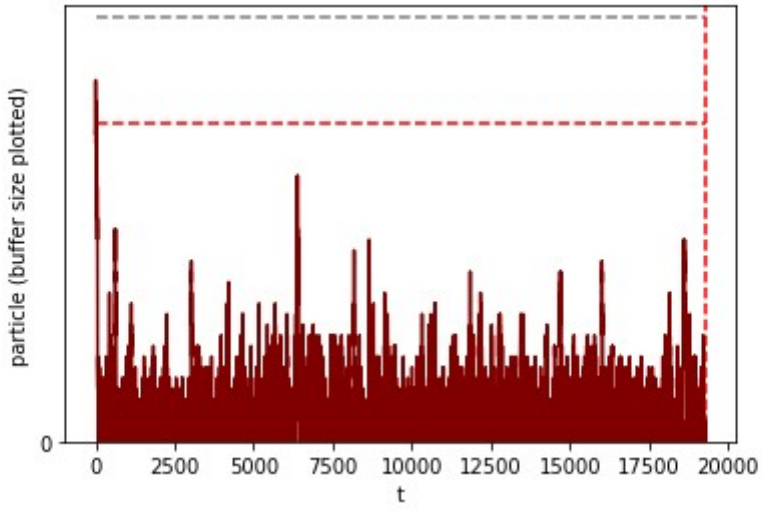




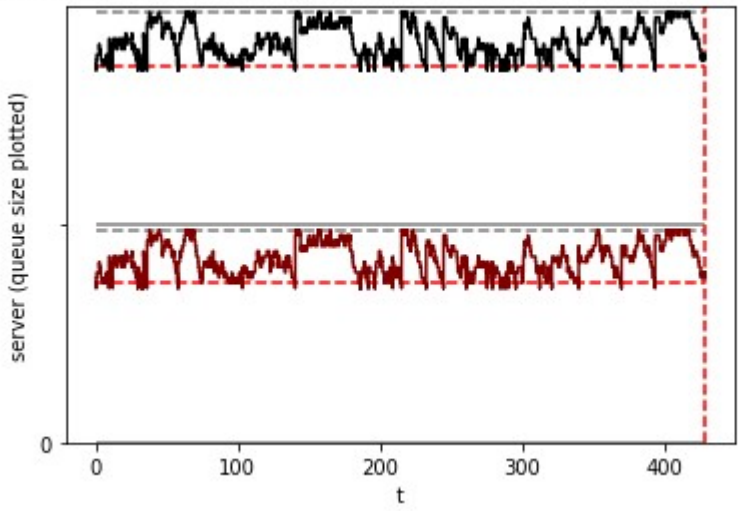
Particle 0: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=False, finalize=REM, #servers=1, maxtime=19285.7, seed=1314



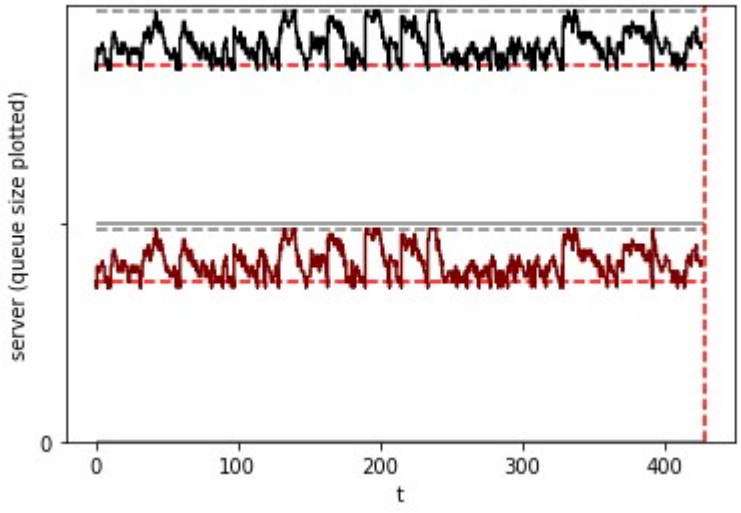
K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=False, finalize=REM, N=1, maxtime=19285.7, seed=1314



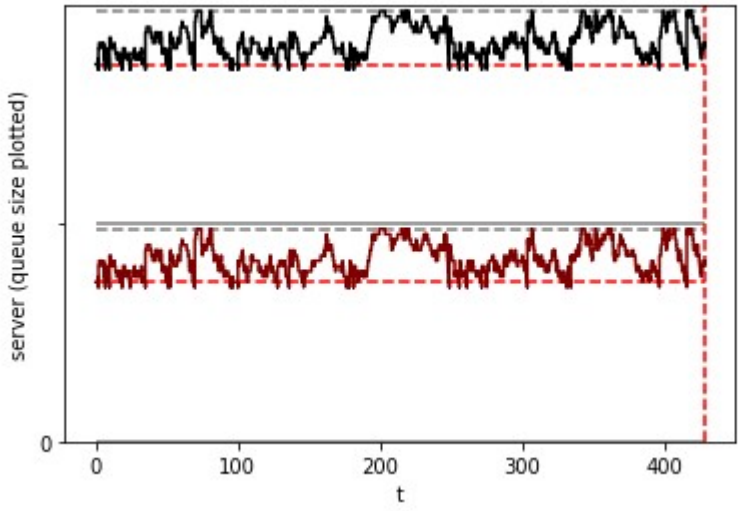
Particle 0: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=True, finalize=ABS, #servers=1, maxtime=428.6, seed=1315



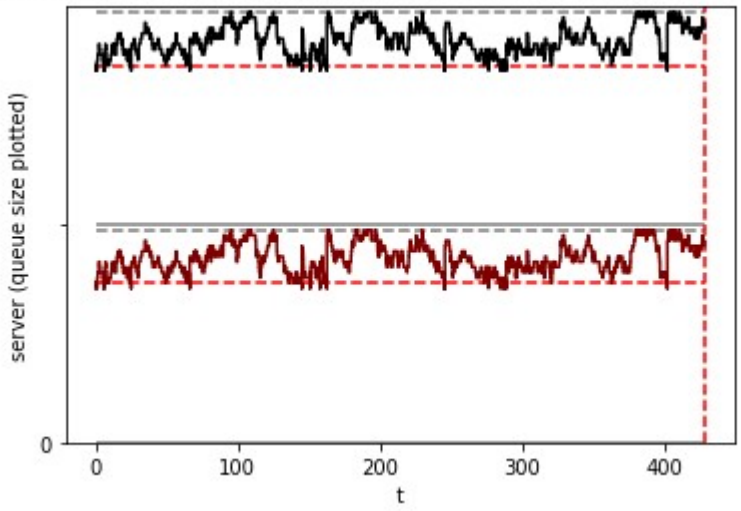
Particle 1: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=True, finalize=ABS, #servers=1, maxtime=428.6, seed=1315



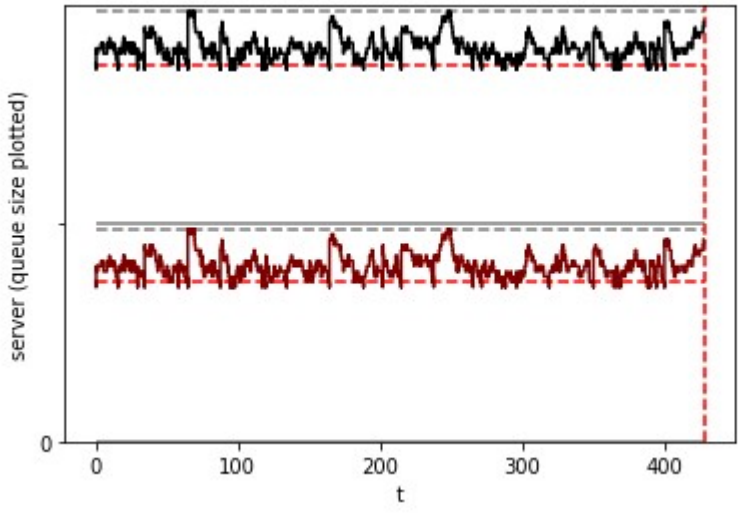
Particle 2: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=True, finalize=ABS, #servers=1, maxtime=428.6, seed=1315



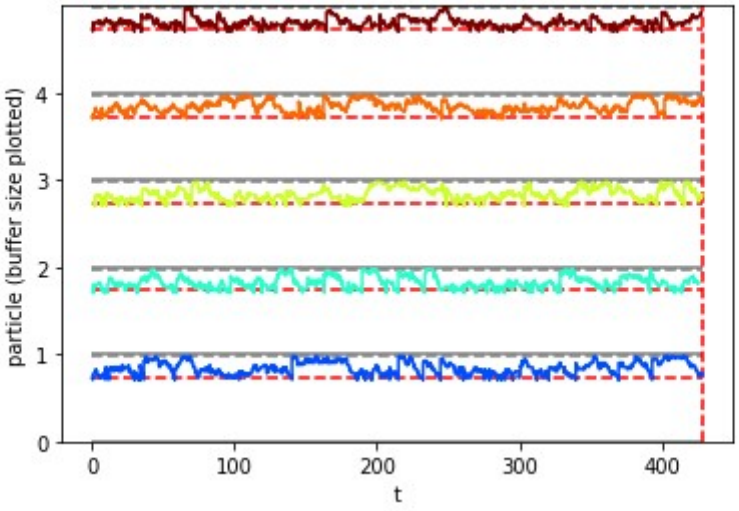
Particle 3: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=True, finalize=ABS, #servers=1, maxtime=428.6, seed=1315



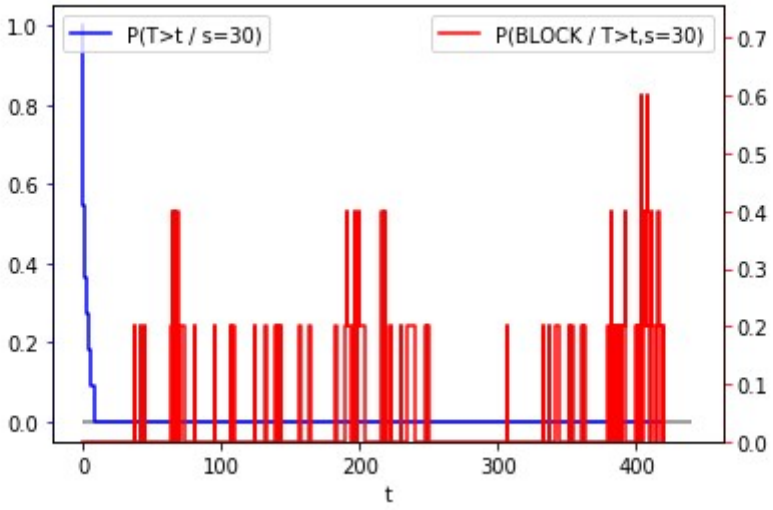
Particle 4: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=True, finalize=ABS, #servers=1, maxtime=428.6, seed=1315



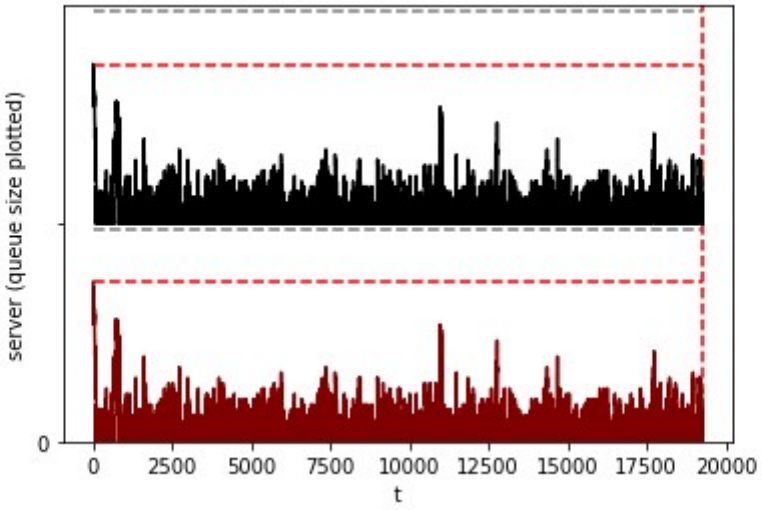
K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=True, finalize=ABS, N=5, maxtime=428.6, seed=1315



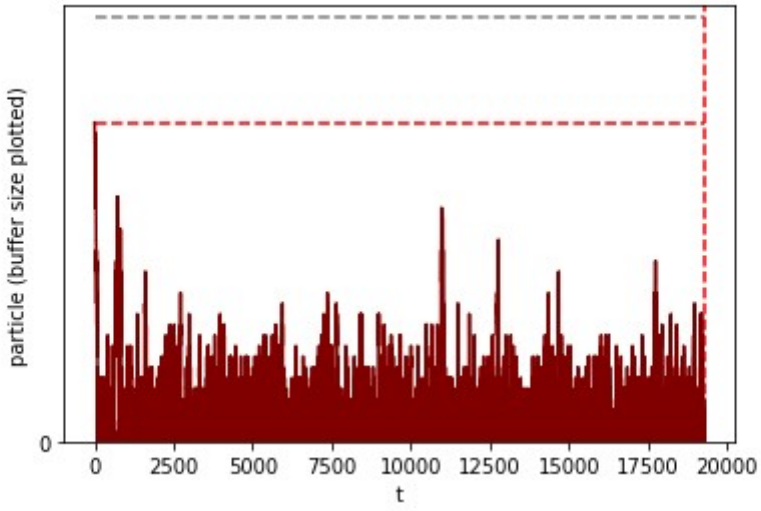
K=40, rhos=[0.7], N=5, activation size=30, maxtime(1)=19285.7, maxtime(N)=428.6, mean_lifetime=6.5, multiplier=9.0, seed=1314



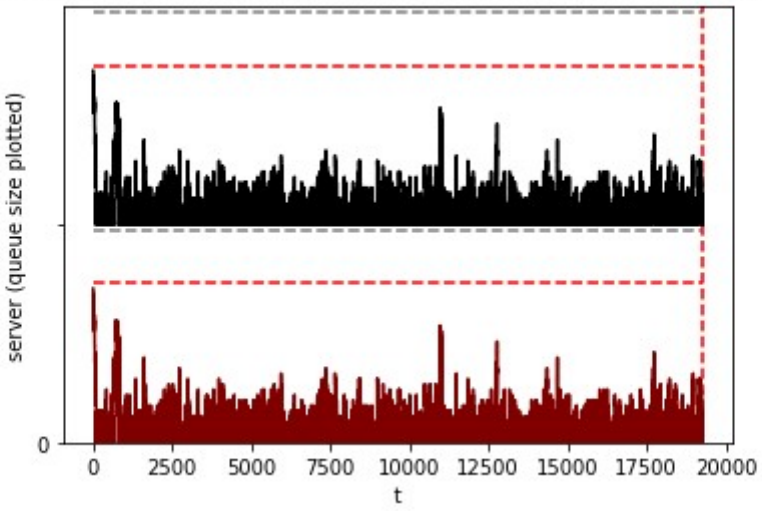
Particle 0: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=False, finalize=REM, #servers=1, maxtime=19285.7, seed=1315



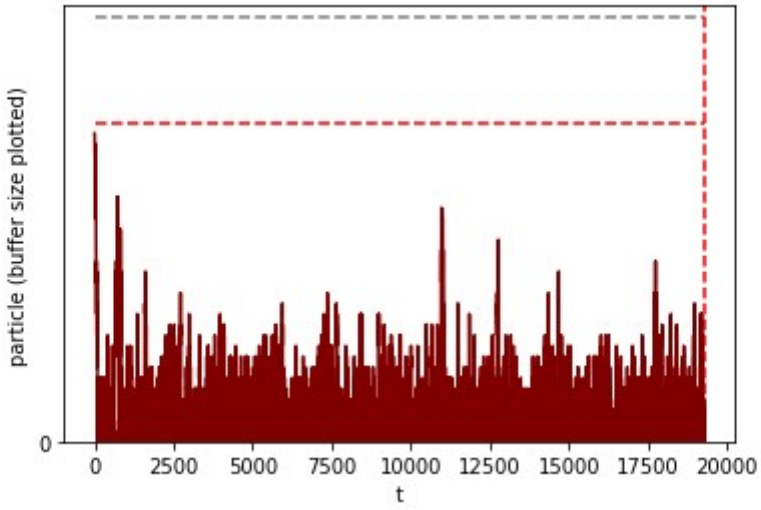
K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=False, finalize=REM, N=1, maxtime=19285.7, seed=1315



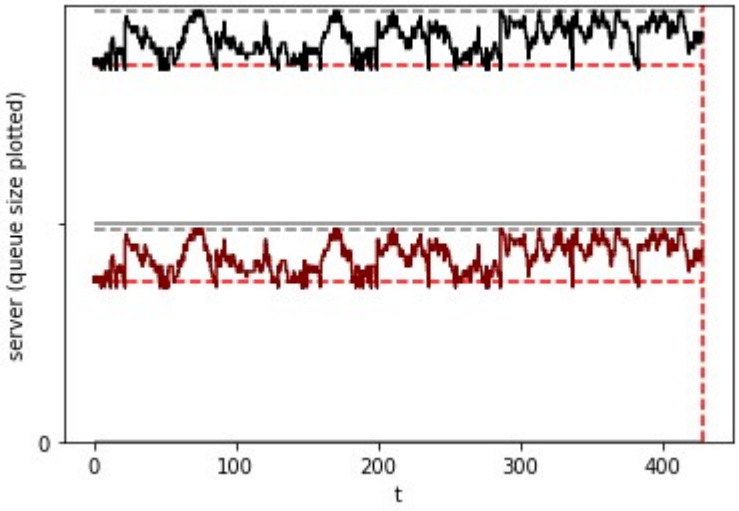
Particle 0: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=False, finalize=REM, #servers=1, maxtime=19285.7, seed=1315



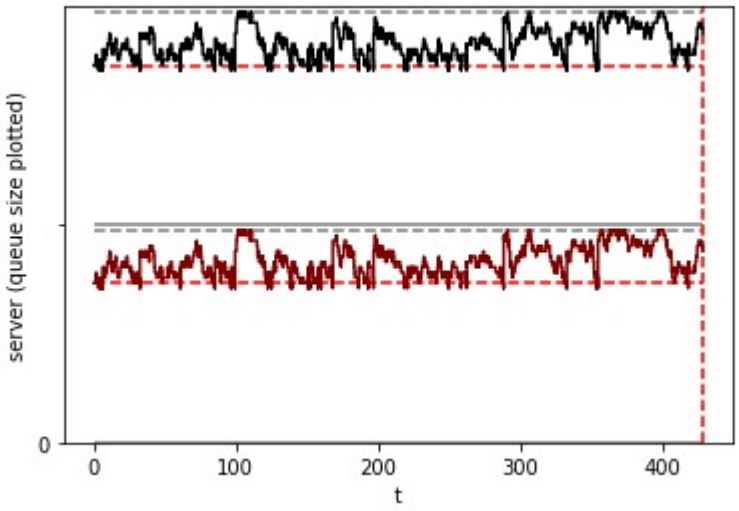
K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=False, finalize=REM, N=1, maxtime=19285.7, seed=1315



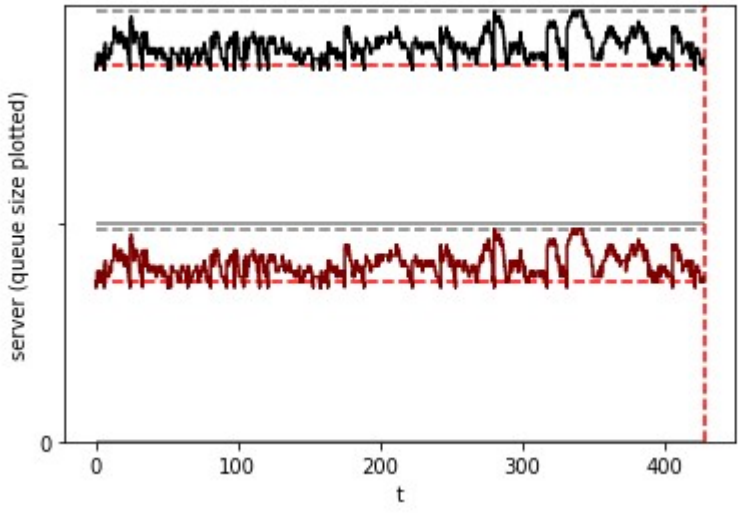
Particle 0: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=True, finalize=ABS, #servers=1, maxtime=428.6, seed=1316



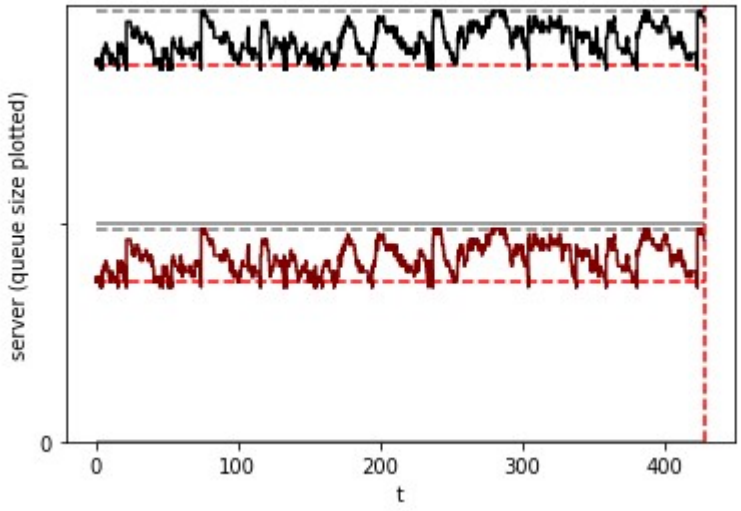
Particle 1: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=True, finalize=ABS, #servers=1, maxtime=428.6, seed=1316



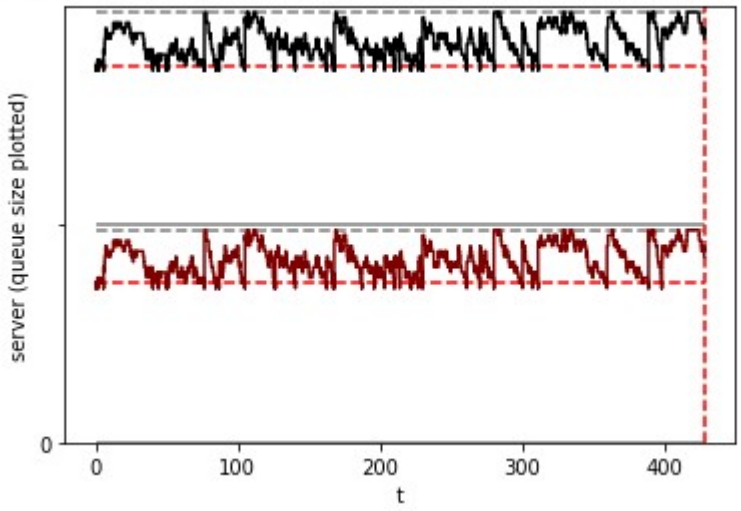
Particle 2: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=True, finalize=ABS, #servers=1, maxtime=428.6, seed=1316

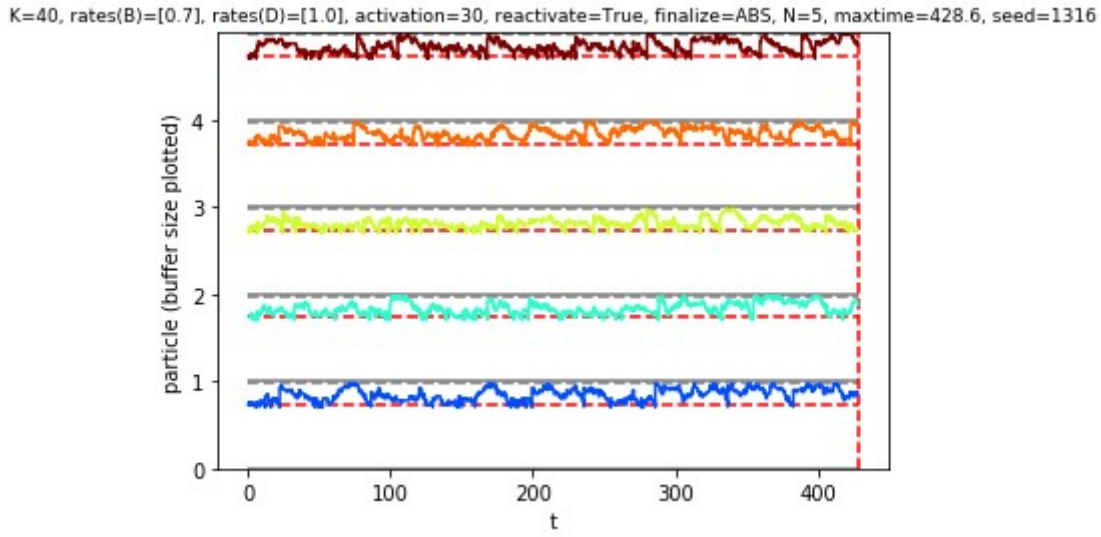


Particle 3: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=True, finalize=ABS, #servers=1, maxtime=428.6, seed=1316

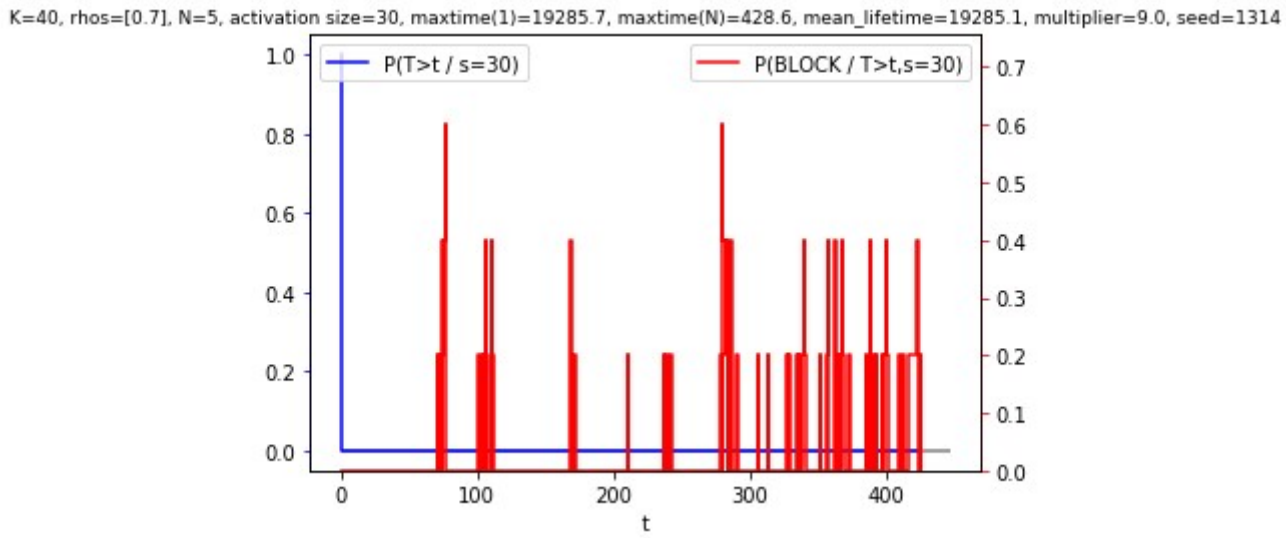


Particle 4: K=40, rates(B)=[0.7], rates(D)=[1.0], activation=30, reactivate=True, finalize=ABS, #servers=1, maxtime=428.6, seed=1316






```
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: 2021-04-26 18:55:21
Execution time: 1.3 min, 0.0 hours
```



In [2]: