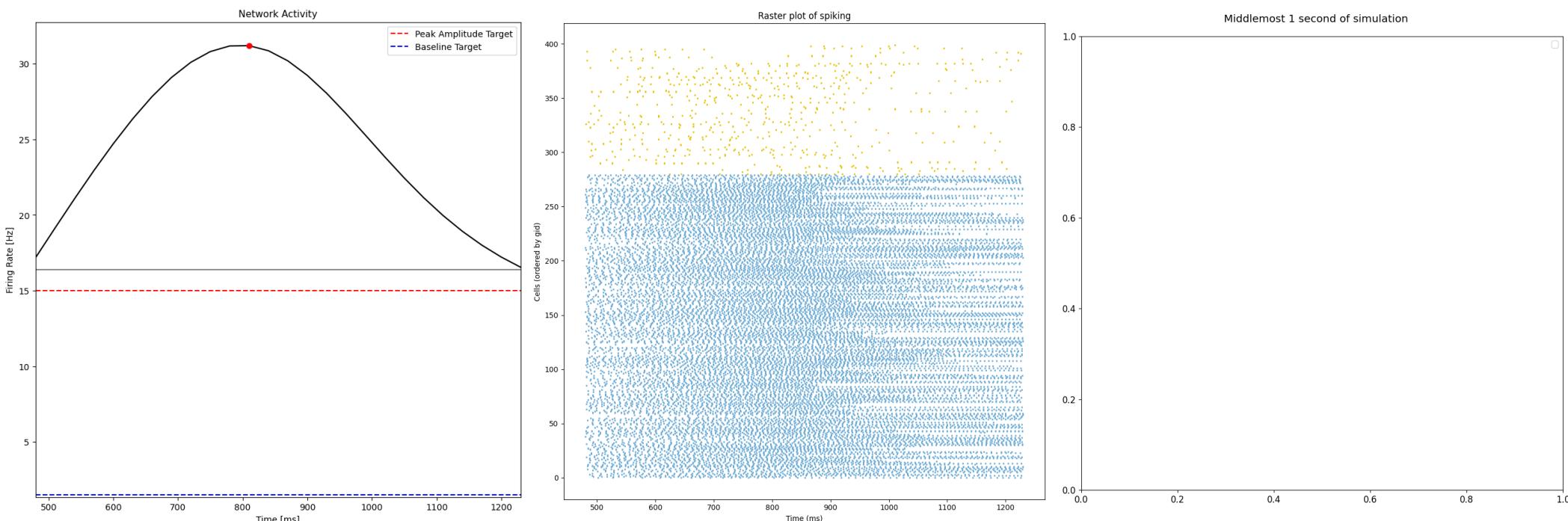


```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1.1111951183707784
burst_peak_frequency_fitness: 17.779547511906234
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.4881859279678553
thresh: 1000
rate_fitness: 505.630223366713
maxFitness: 1000
average_fitness: 503.71559313213686
average_scaled_fitness: 503.16351085076576
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

burstAmp\_Fitness: 16.535980091547877

burst\_peak\_frequency\_fitness: 1000

IBI\_fitness: 1000

baselineFitness: 1000

slopeFitness: 1.1028999017529026

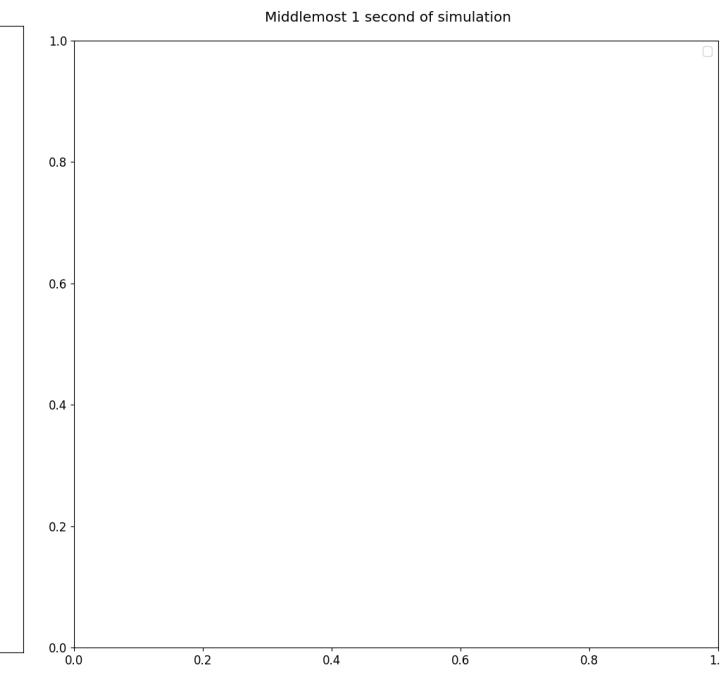
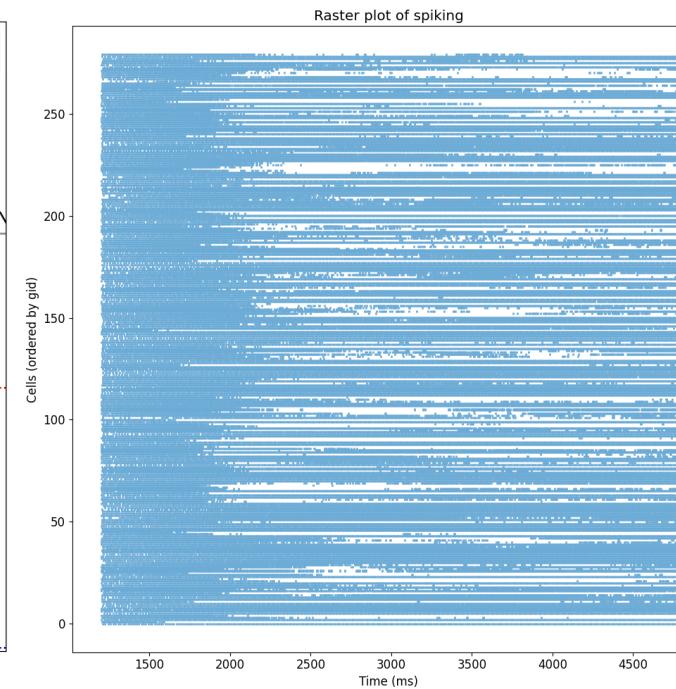
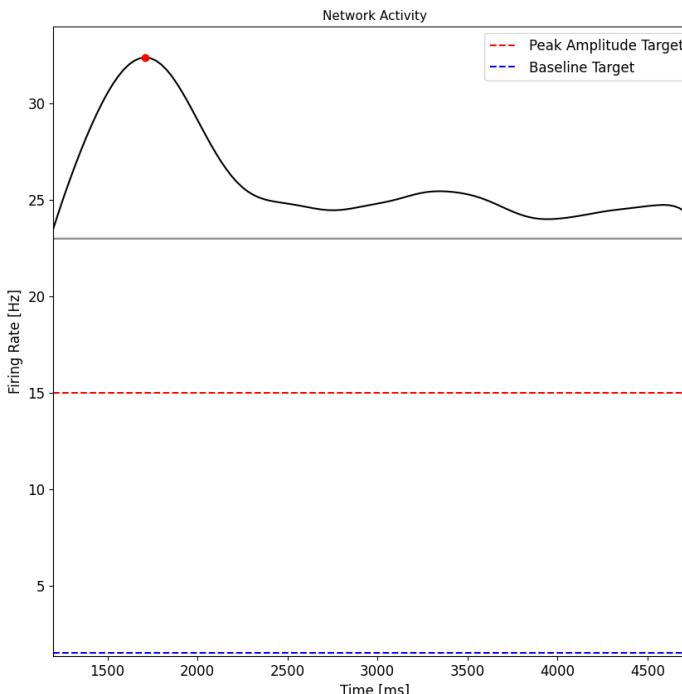
thresh: 1000

rate\_fitness: 32.696271677967005

maxFitness: 1000

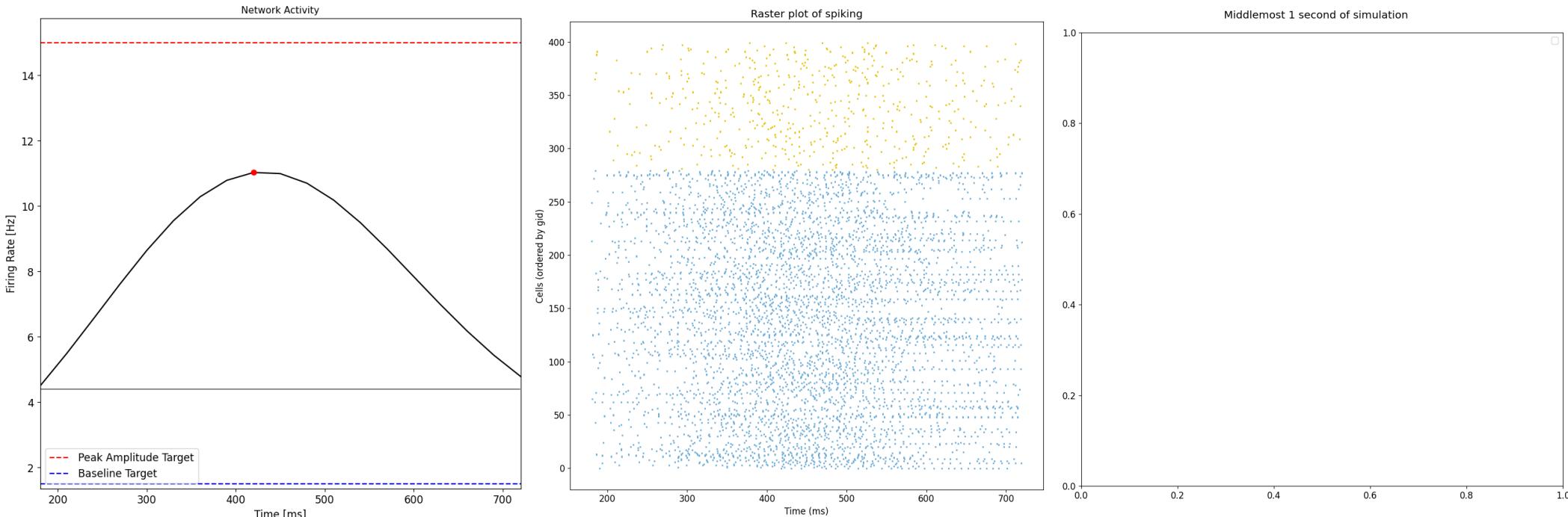
average\_fitness: 578.6193073816097

average\_scaled\_fitness: 578.1540535286916



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 563.0302368359517
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.0559101913127757
thresh: 1.8294848812313502
rate_fitness: 98.94326709141156
maxFitness: 1000
average_fitness: 523.5512712857011
average_scaled_fitness: 523.0476524411431
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

burstAmp\_Fitness: 14.683926220331234

burst\_peak\_frequency\_fitness: 1000

IBI\_fitness: 1000

baselineFitness: 1000

slopeFitness: 1.2475096224635849

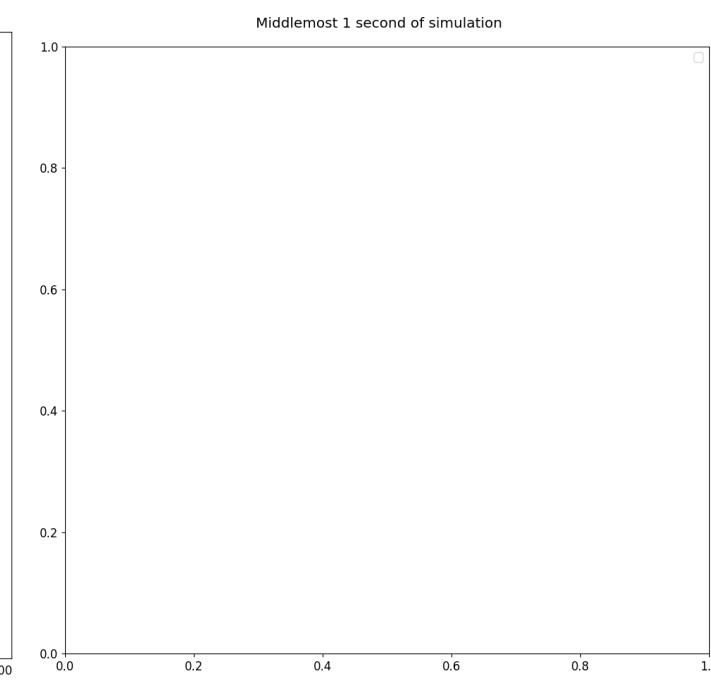
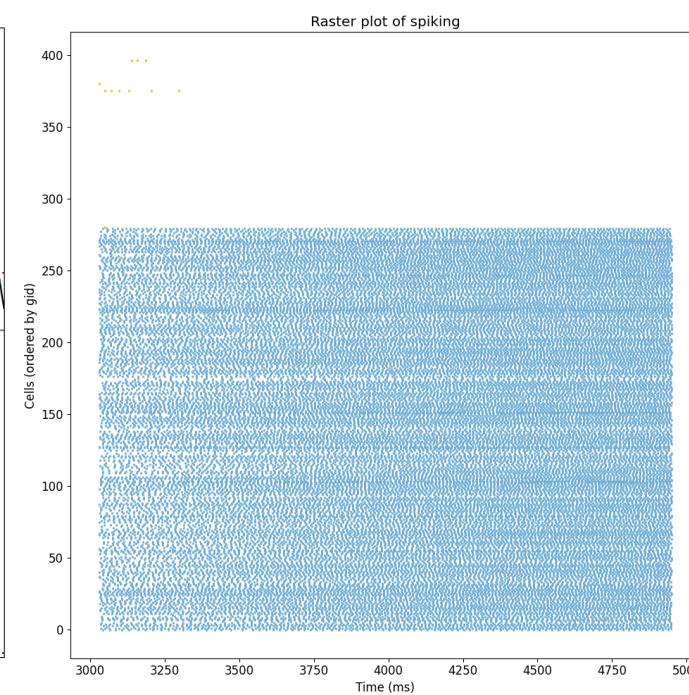
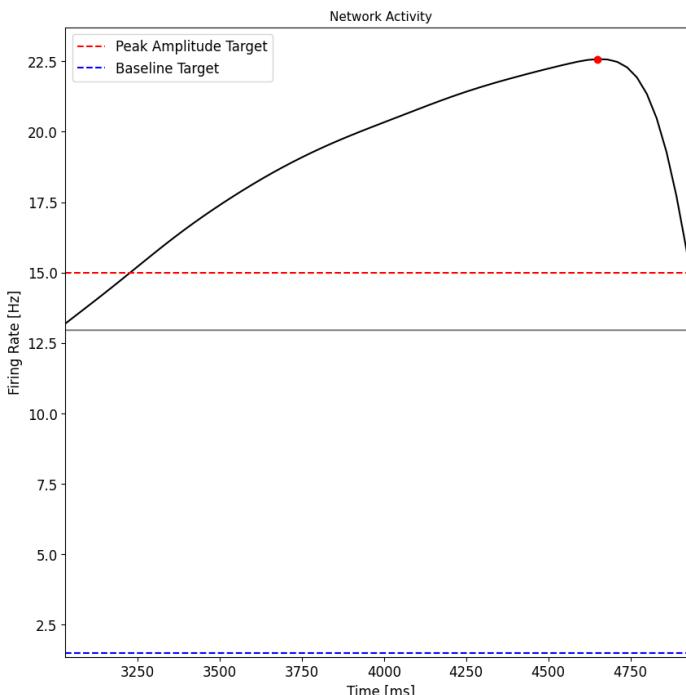
thresh: 1000

rate\_fitness: 2.6582981410768394

maxFitness: 1000

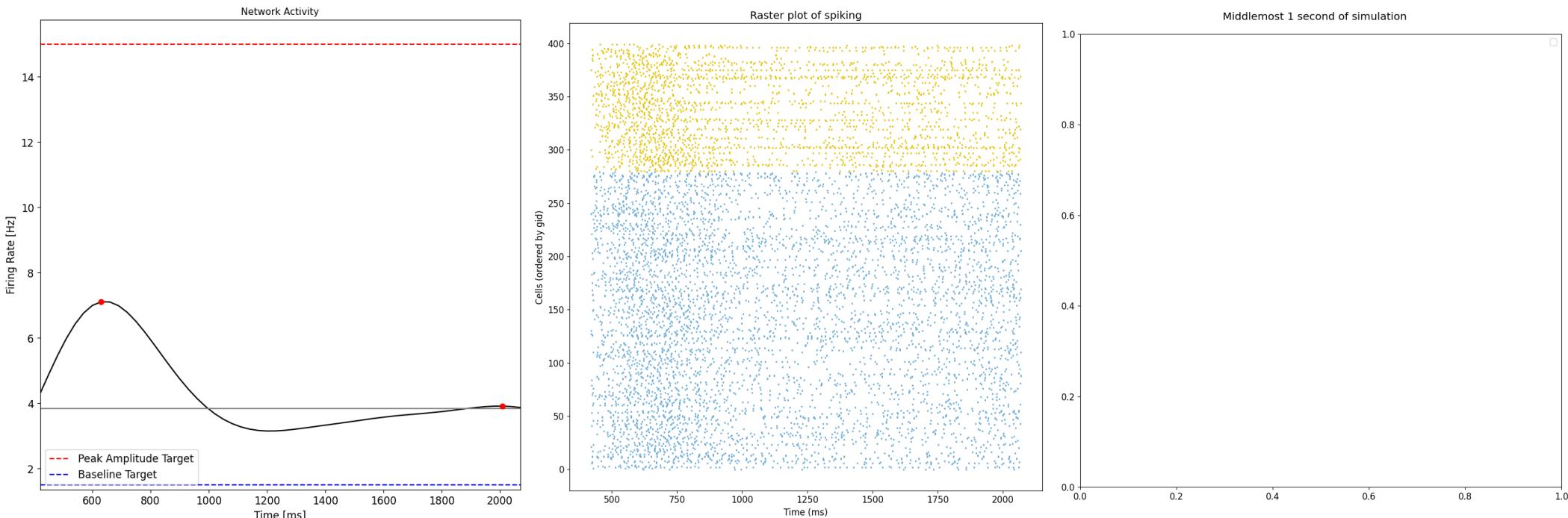
average\_fitness: 574.0842477119817

average\_scaled\_fitness: 573.5522500404292



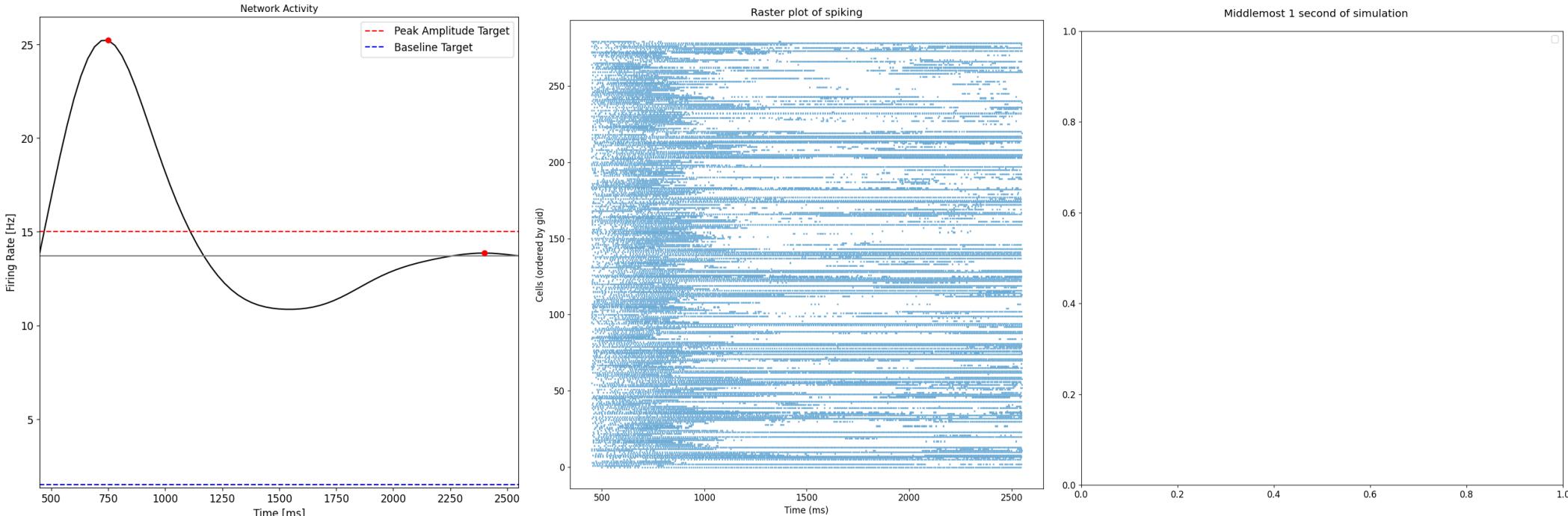
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
sustained_osc: {'target': 100, 'width': 5, 'min': 75}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 44.57180344194965
IBI_fitness: 2.2479079866764717
baselineFitness: 1000
slopeFitness: 1.109860885875151
thresh: 3.2022053749427934
sustain_fit: 1000
rate_fitness: 4.760496010372502
maxFitness: 1000
average_fitness: 381.98653421247707
average_scaled_fitness: 381.29986313047993
```



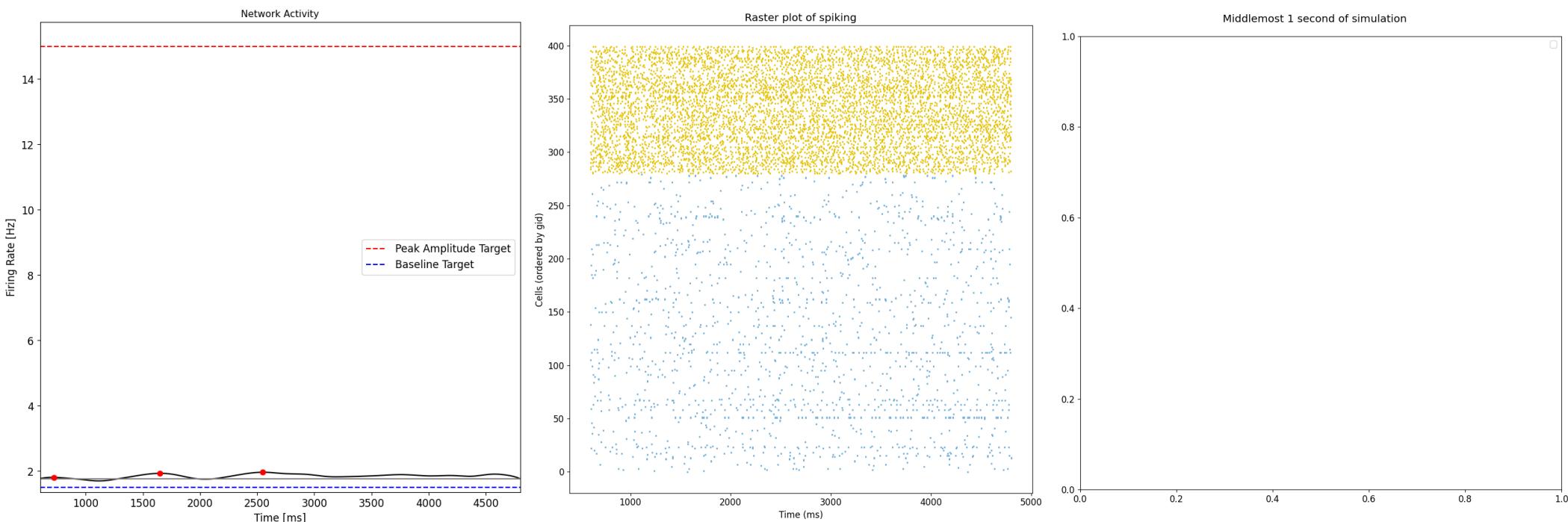
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 502.872456953239
burst_peak_frequency_fitness: 14.967517498870818
IBI_fitness: 1.9640329759698474
baselineFitness: 1000
slopeFitness: 1.3108505858772848
thresh: 1000
rate_fitness: 1000.0
maxFitness: 1000
average_fitness: 503.01640828770815
average_scaled_fitness: 502.36408195298264
```



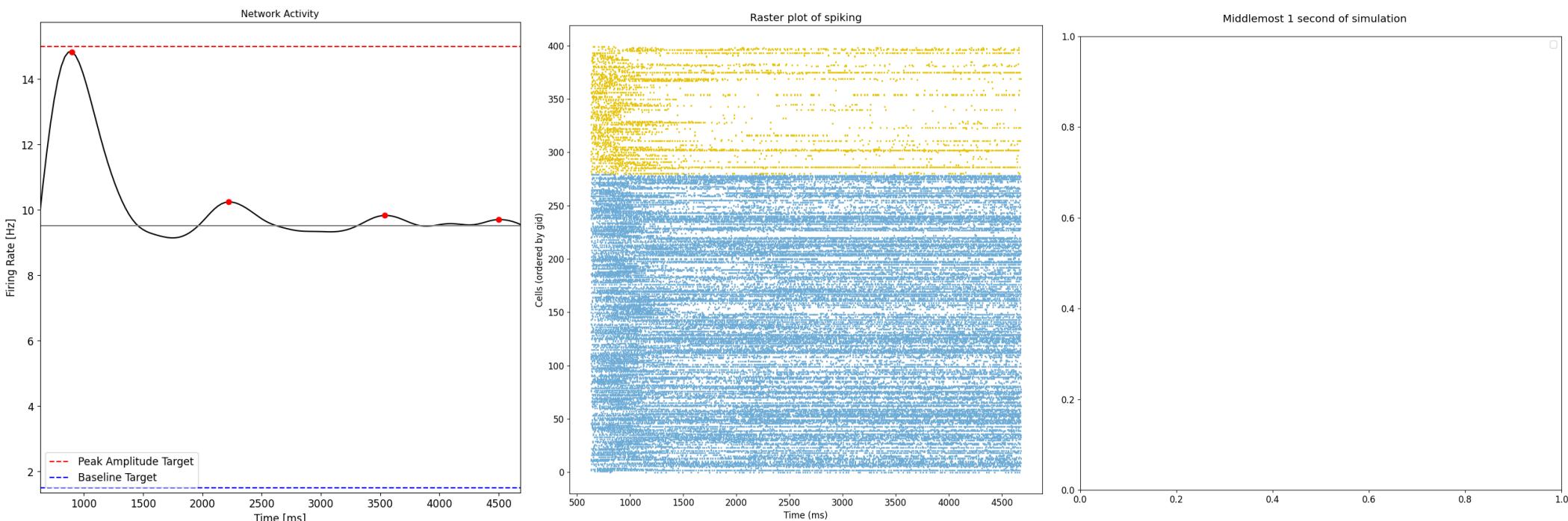
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
sustained_osc: {'target': 100, 'width': 5, 'min': 75}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 5.754602676005732
IBI_fitness: 2.836378676843614
baselineFitness: 1.4094596466994842
slopeFitness: 1.0012920432673487
thresh: 1000
sustain_fit: 24.88551019688277
rate_fitness: 9.965058603451816
maxFitness: 1000
average_fitness: 255.73153773039385
average_scaled_fitness: 254.98556070020365
```



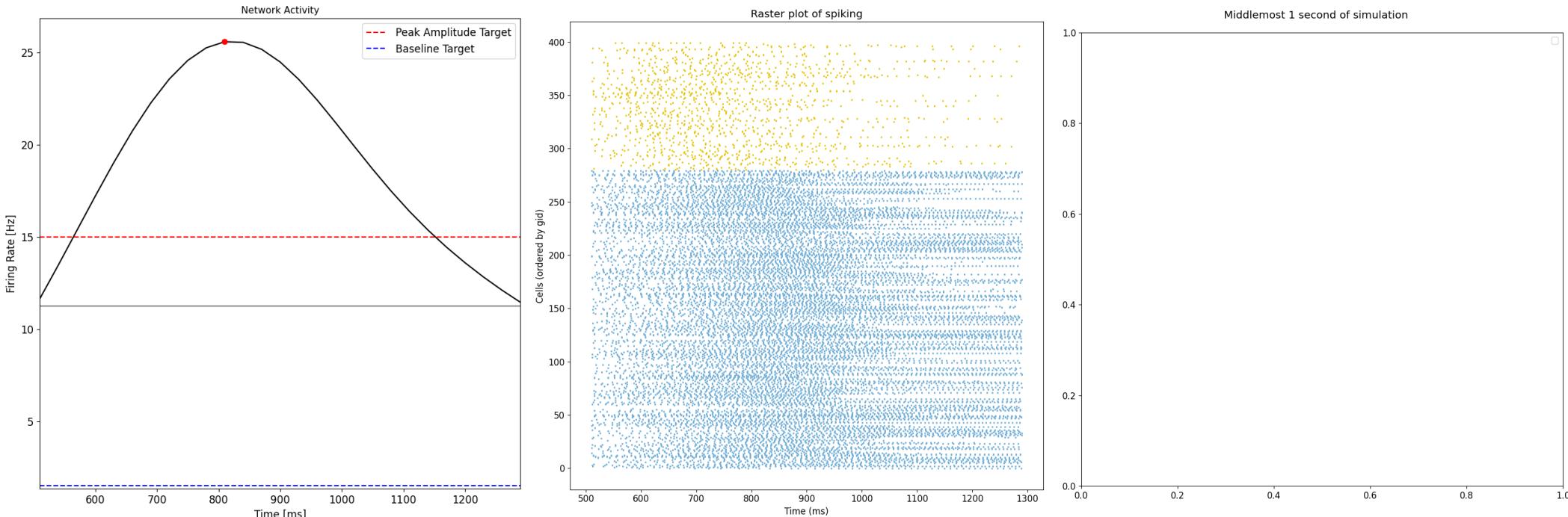
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
sustained_osc: {'target': 100, 'width': 5, 'min': 75}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 22.832960504692707
IBI_fitness: 2.46864290584216
baselineFitness: 1000
slopeFitness: 1.0417589972330263
thresh: 1000
sustain_fit: 45.1289437756197
rate_fitness: 111.55104495729454
maxFitness: 1000
average_fitness: 397.8779188925852
average_scaled_fitness: 397.2499986556025
```



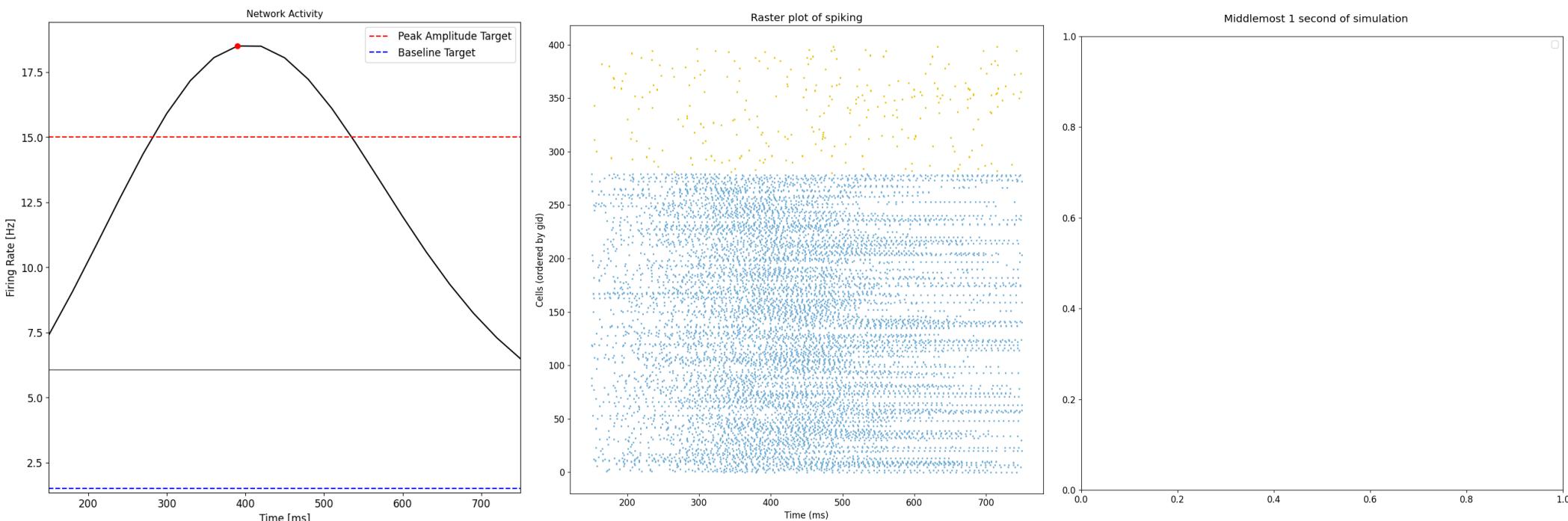
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1.4057047972973171
burst_peak_frequency_fitness: 14.17050640226895
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.4725404814934886
thresh: 1000
rate_fitness: 502.92836841222913
maxFitness: 1000
average_fitness: 502.8538742990413
average_scaled_fitness: 502.1540498586124
```



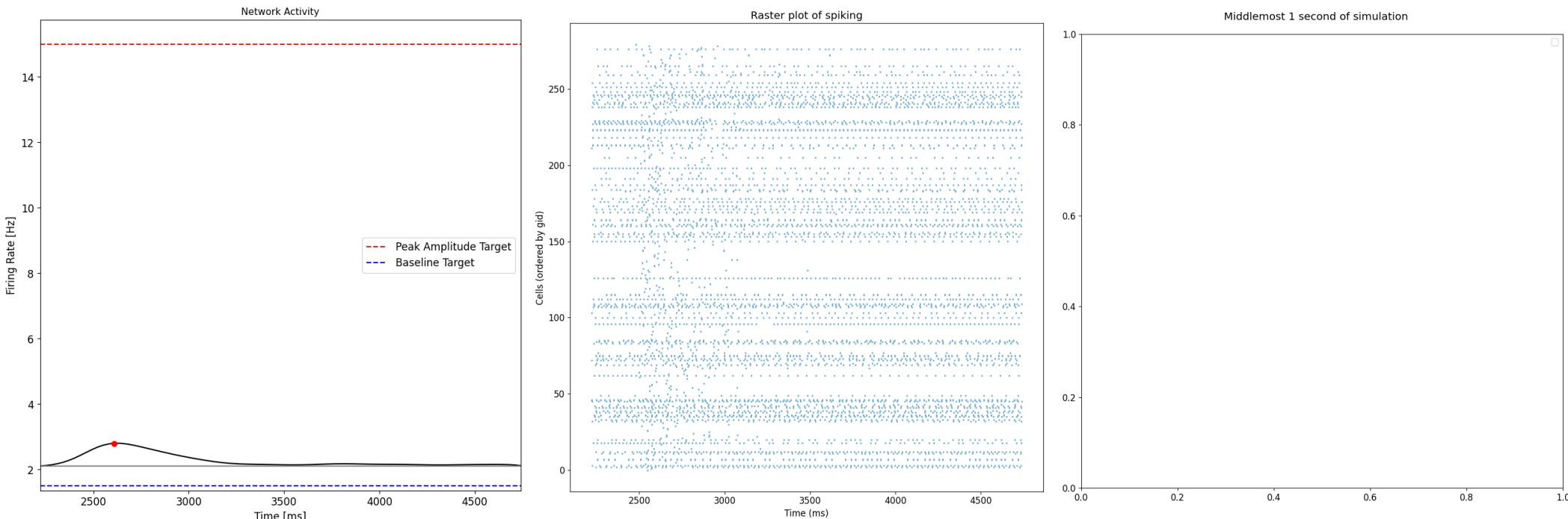
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
sustained_osc: {'target': 100, 'width': 5, 'min': 75}
```

```
burstAmp_Fitness: 3.6164918048548493
burst_peak_frequency_fitness: 403.4287934927351
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.446935603929578
thresh: 0.34198184584426233
sustain_fit: 1000
rate_fitness: 506.99234362363956
maxFitness: 1000
average_fitness: 489.4783182963754
average_scaled_fitness: 489.3036694225787
```



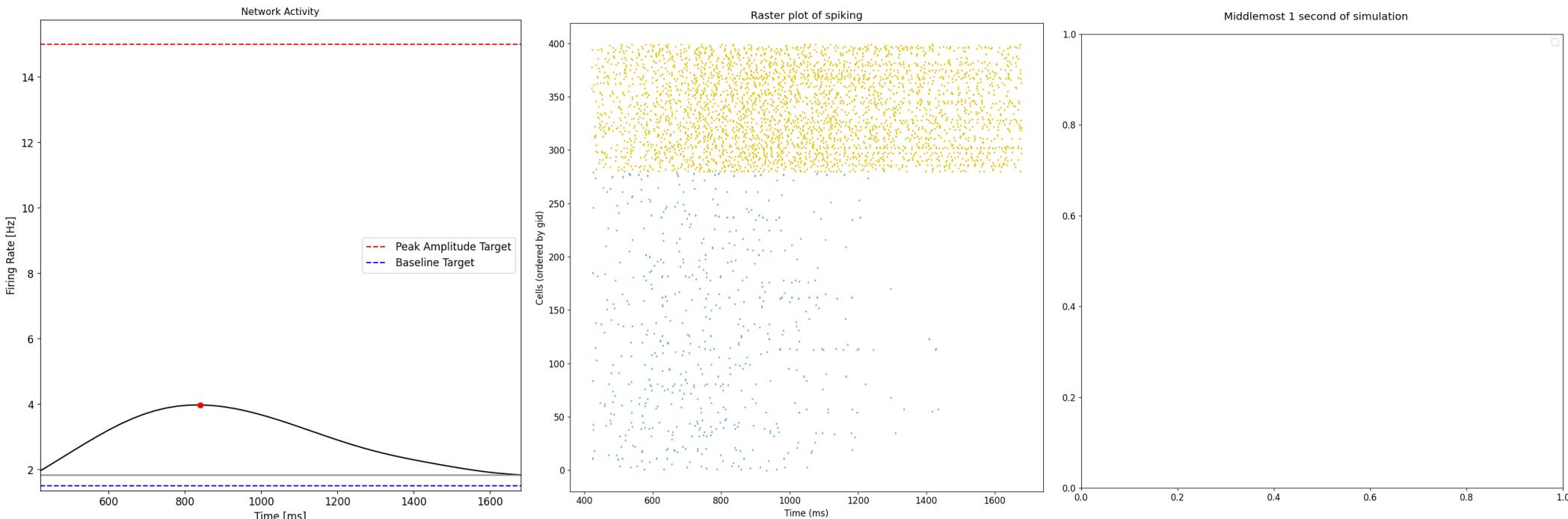
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 1000
IBI_fitness: 1000
baselineFitness: 2.160822014420966
slopeFitness: 1.010438259936403
thresh: 1000
rate_fitness: 500.6944912249085
maxFitness: 1000
average_fitness: 643.4093930713236
average_scaled_fitness: 643.0487158368718
```



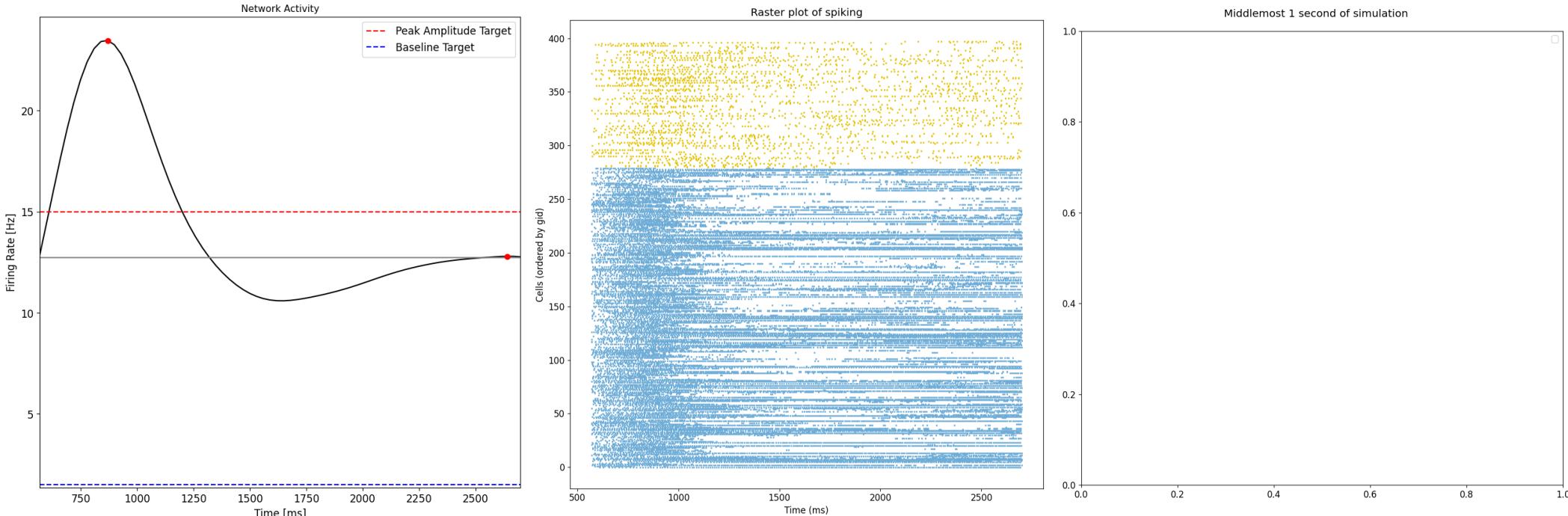
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 4.813519741131482
IBI_fitness: 1000
baselineFitness: 4.150851275613656
slopeFitness: 1.0656528330326929
thresh: 1000
rate_fitness: 6.135238716698227
maxFitness: 1000
average_fitness: 430.88075179521087
average_scaled_fitness: 430.2736212656592
```



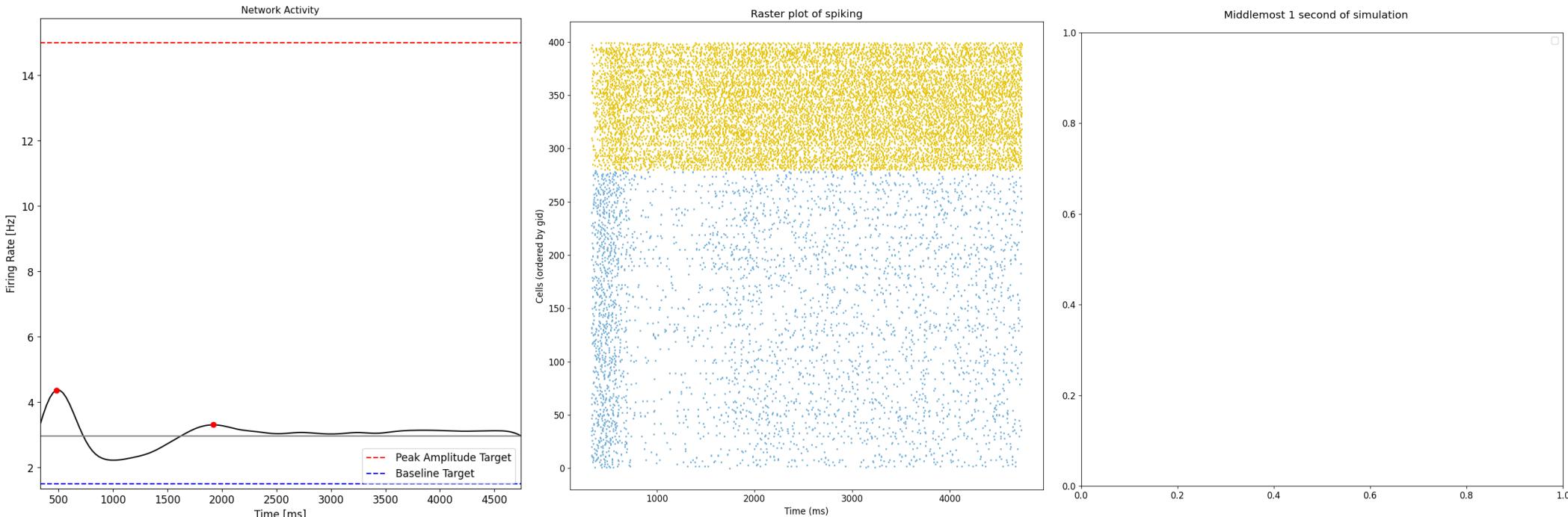
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 504.1974925365639
burst_peak_frequency_fitness: 11.524145517026938
IBI_fitness: 1.8496565995583272
baselineFitness: 1000
slopeFitness: 1.2850206180576738
thresh: 1000
rate_fitness: 504.37265920583303
maxFitness: 1000
average_fitness: 431.8898534967199
average_scaled_fitness: 431.15888093031646
```



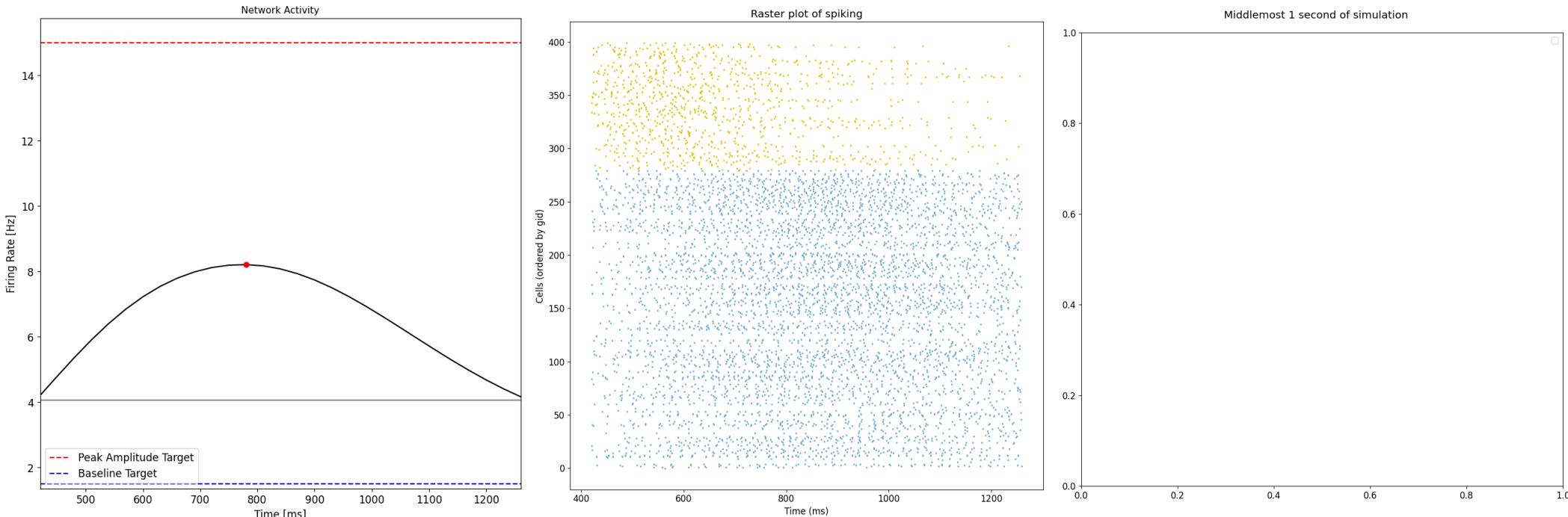
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 1.7017303215436181
IBI_fitness: 2.181472265498201
baselineFitness: 1000
slopeFitness: 1.0009762504632806
thresh: 1000
rate_fitness: 4.076085734901962
maxFitness: 1000
average_fitness: 429.85146636748675
average_scaled_fitness: 429.28018939139866
```



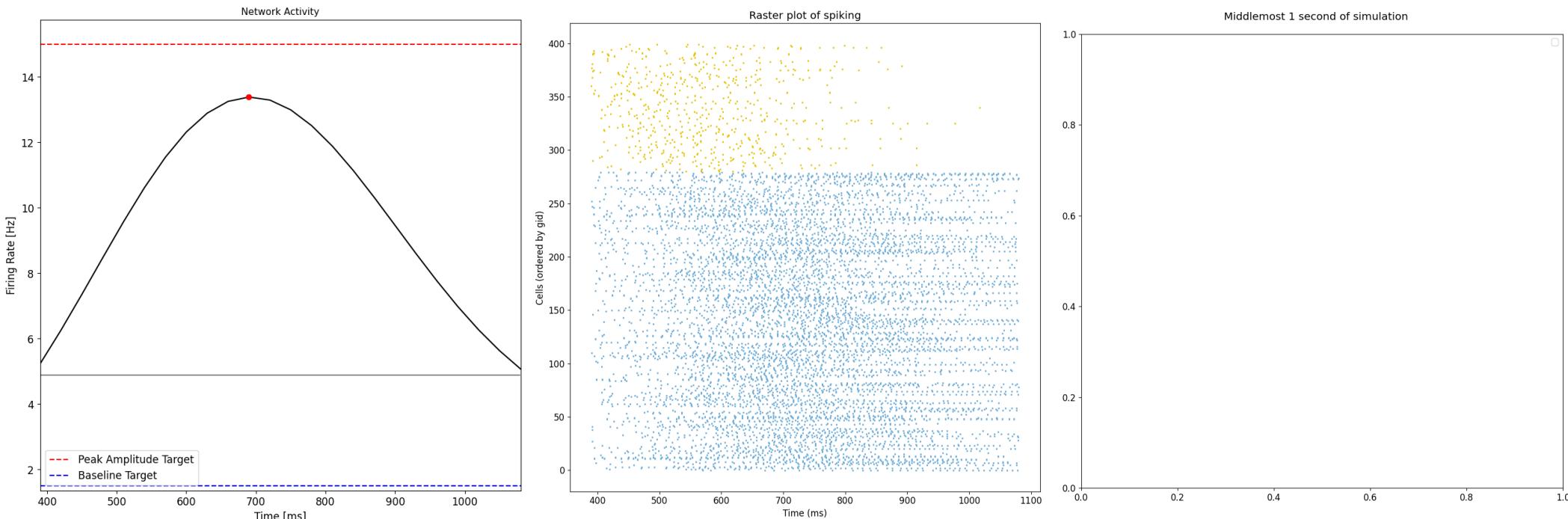
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 15.82996656726275
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.0868875829564084
thresh: 2.564331996239269
rate_fitness: 11.410370966207964
maxFitness: 1000
average_fitness: 432.9845081589524
average_scaled_fitness: 432.3675555033457
```



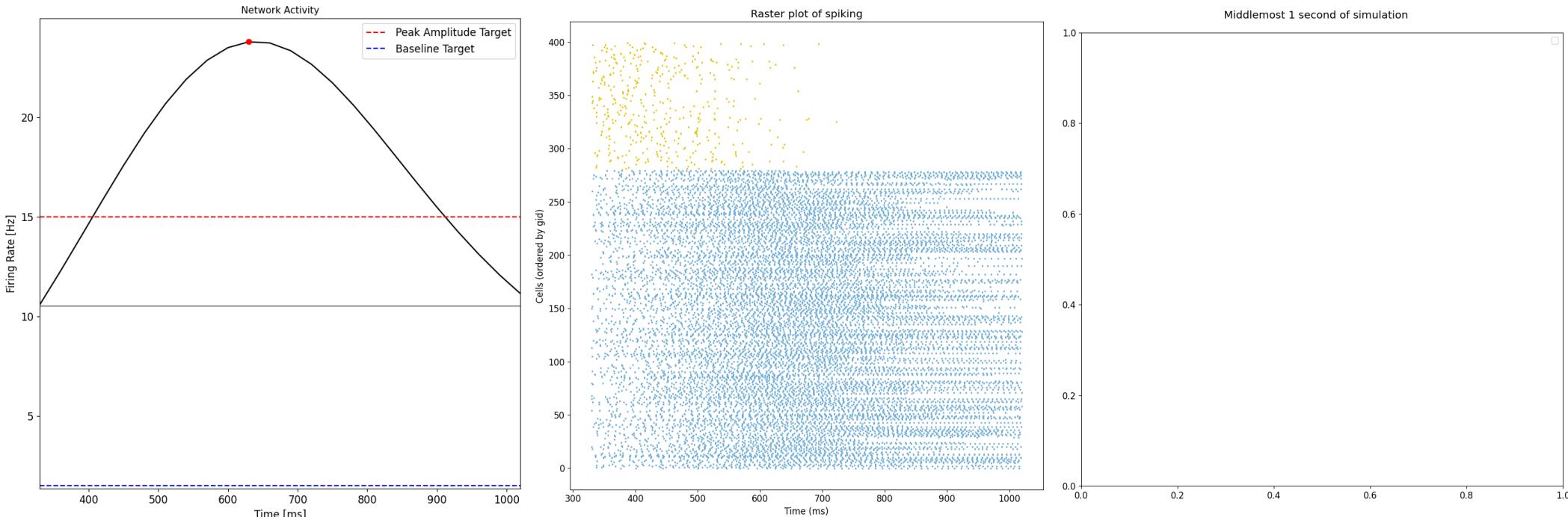
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 25.703441300562446
burst_peak_frequency_fitness: 35.00726304580835
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.1684917162250494
thresh: 1.130860408921069
rate_fitness: 505.1944646081862
maxFitness: 1000
average_fitness: 366.88636015424333
average_scaled_fitness: 366.16958643357094
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 2.3696598134915288
burst_peak_frequency_fitness: 48.53828855239109
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.1688457580346343
thresh: 1000
rate_fitness: 505.76207275851345
maxFitness: 1000
average_fitness: 508.26269526891866
average_scaled_fitness: 507.6872576083478
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

burstAmp\_Fitness: 29.47475928298729

burst\_peak\_frequency\_fitness: 1000

IBI\_fitness: 1000

baselineFitness: 1000

slopeFitness: 1.0904218548536317

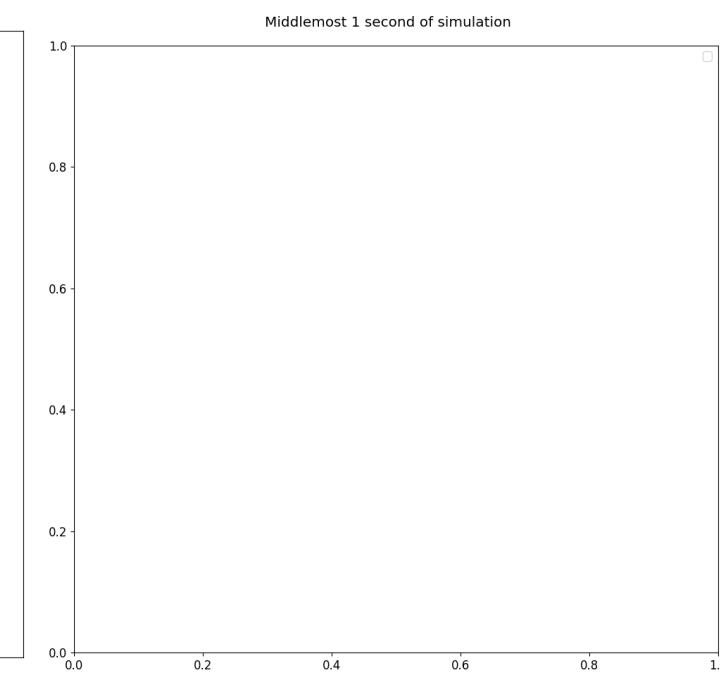
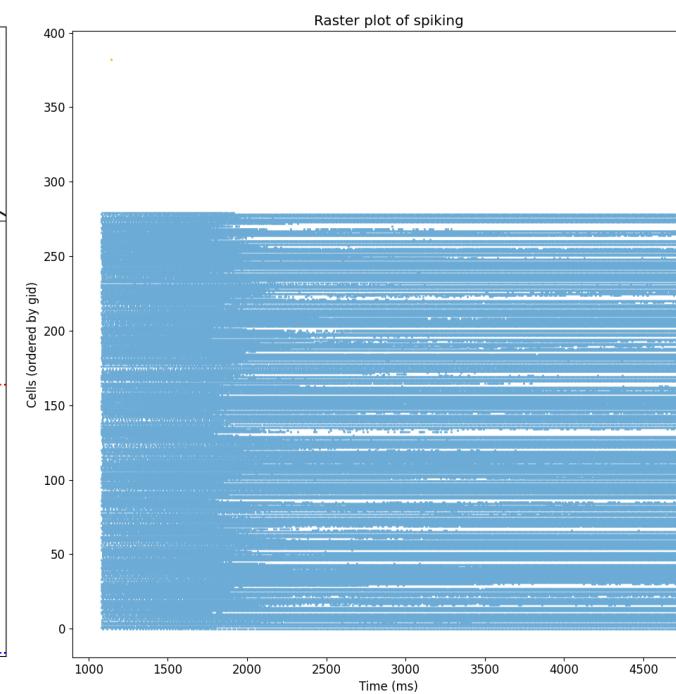
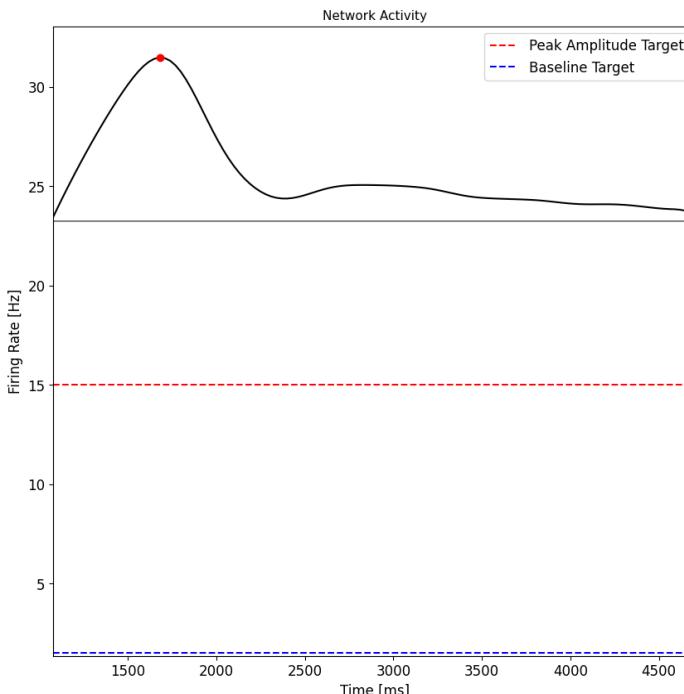
thresh: 1000

rate\_fitness: 505.40045089452065

maxFitness: 1000

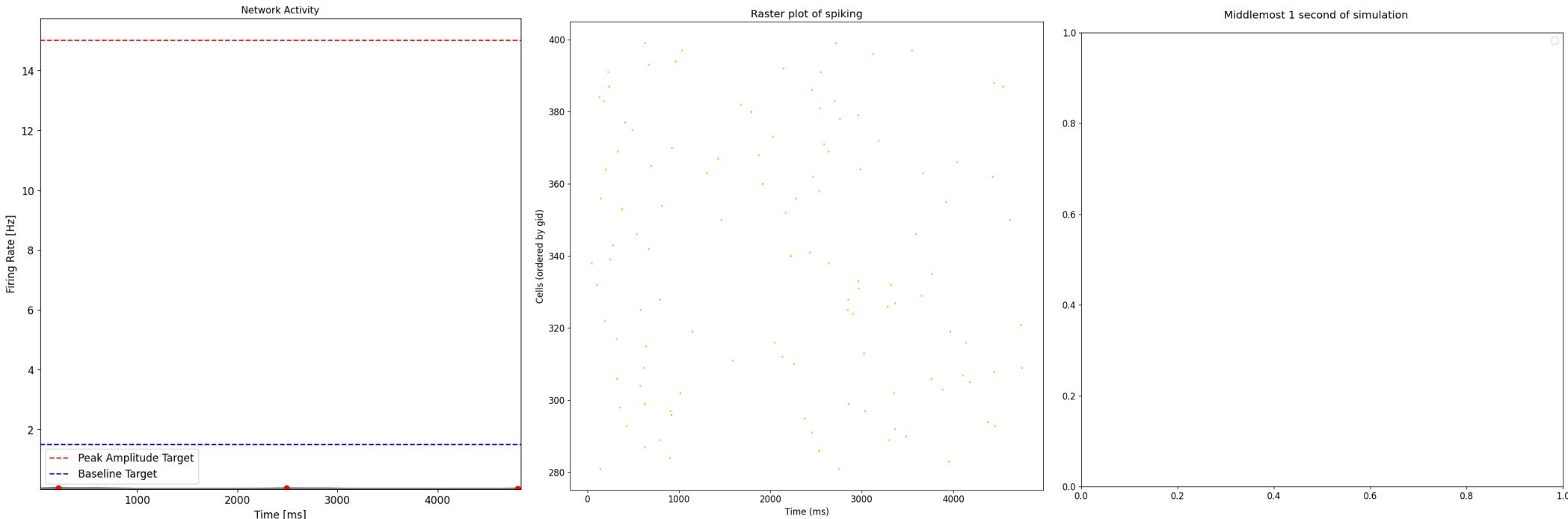
average\_fitness: 647.9950902903373

average\_scaled\_fitness: 647.6108374460749



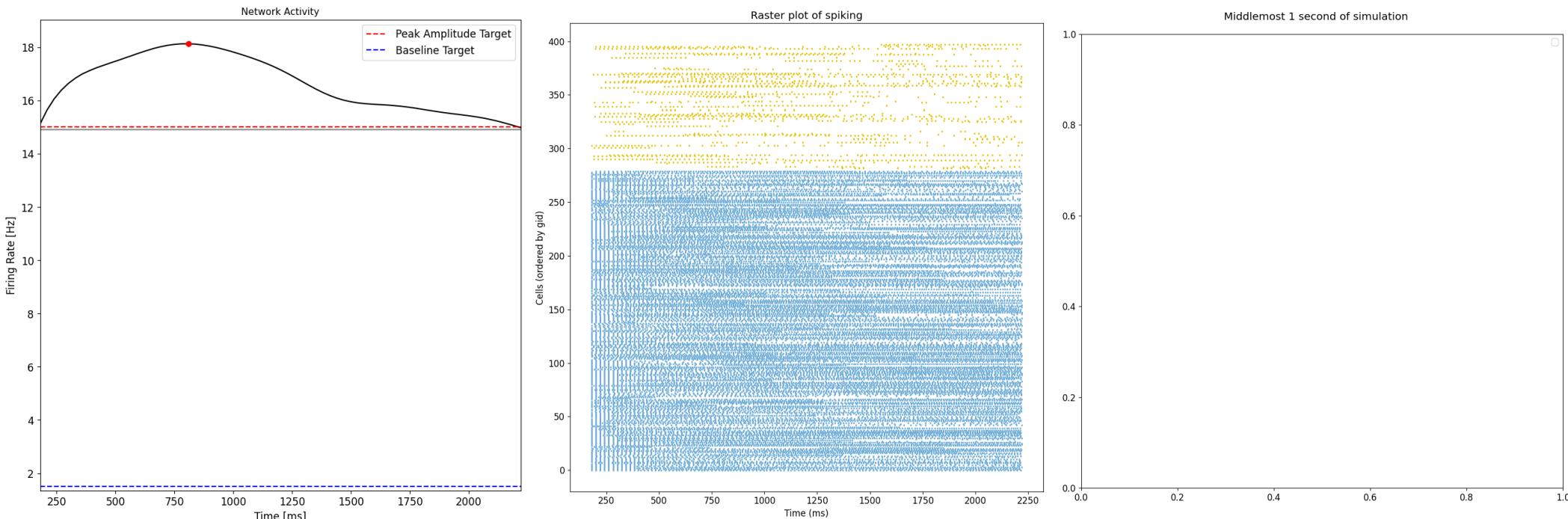
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 5.622115825917216
IBI_fitness: 1.4226596671139995
baselineFitness: 4.374168685542682
slopeFitness: 1.000156076658074
thresh: 1000
rate_fitness: 1000.0
maxFitness: 1000
average_fitness: 430.34558575074743
average_scaled_fitness: 429.77527202400154
```



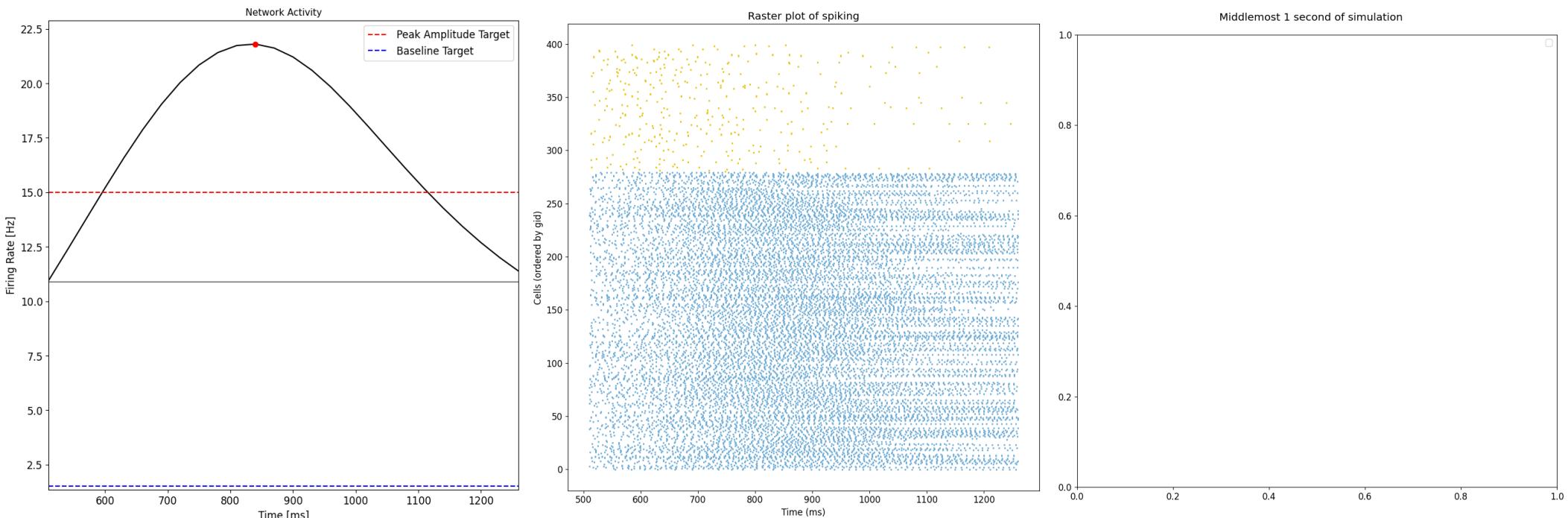
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 2.0192026438169104
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.073147347049201
thresh: 1000
rate_fitness: 504.0604640450171
maxFitness: 1000
average_fitness: 643.8789734336976
average_scaled_fitness: 643.4963925331311
```



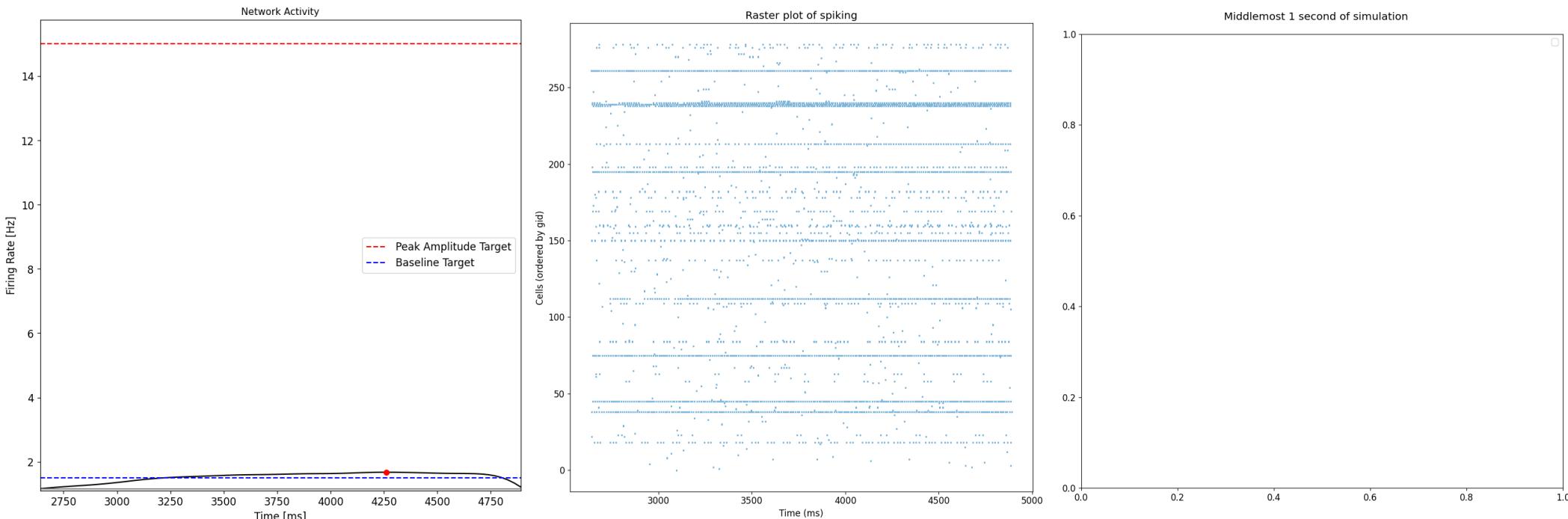
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 7.664726689820557
burst_peak_frequency_fitness: 15.82996656726275
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.1952567594950136
thresh: 1000
rate_fitness: 506.6390171340472
maxFitness: 1000
average_fitness: 504.4755667358036
average_scaled_fitness: 503.88257903489193
```



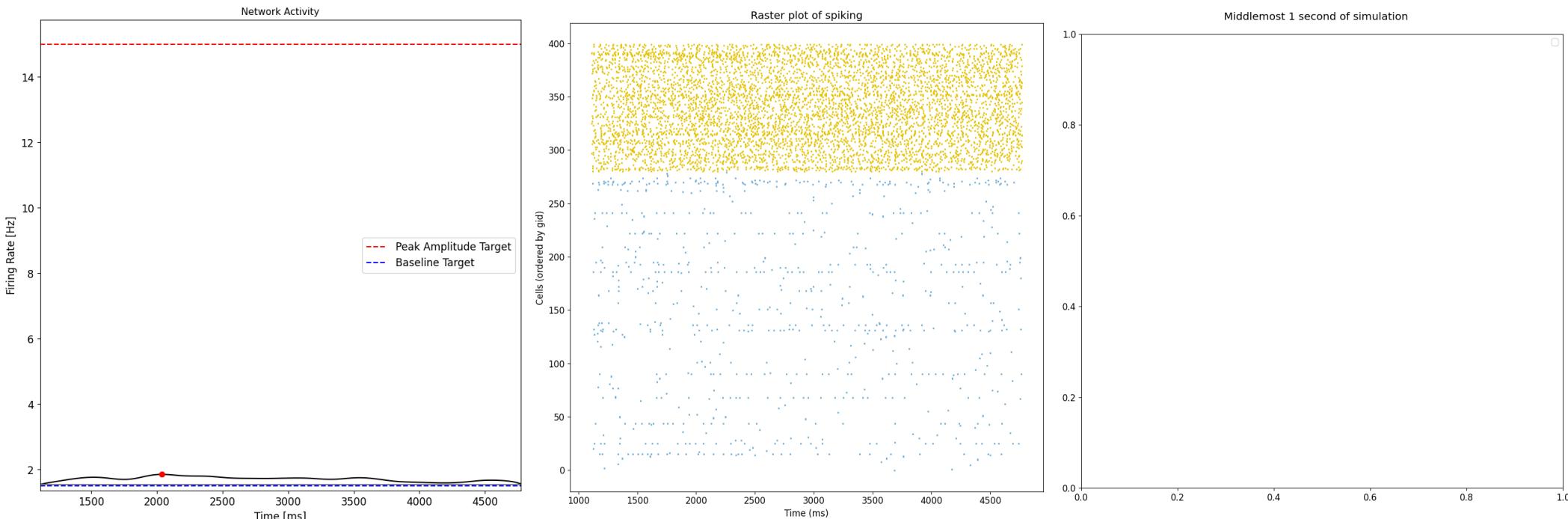
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 1000
IBI_fitness: 1000
baselineFitness: 1.0283802617482845
slopeFitness: 1.0091534175090084
thresh: 1000
rate_fitness: 505.2719925021427
maxFitness: 1000
average_fitness: 643.9013608830571
average_scaled_fitness: 643.5416397105713
```



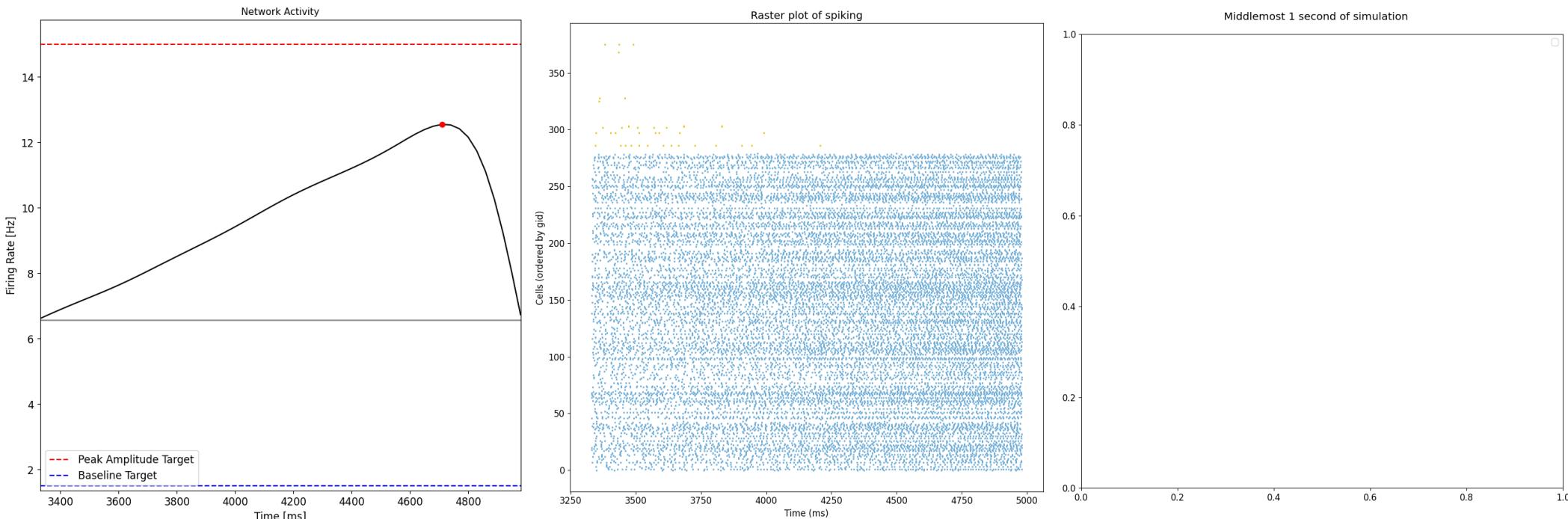
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 1000
IBI_fitness: 1000
baselineFitness: 1.2240110474003858
slopeFitness: 1.0020013873511089
thresh: 1000
rate_fitness: 506.3504106881136
maxFitness: 1000
average_fitness: 644.0823461604093
average_scaled_fitness: 643.7253584753236
```



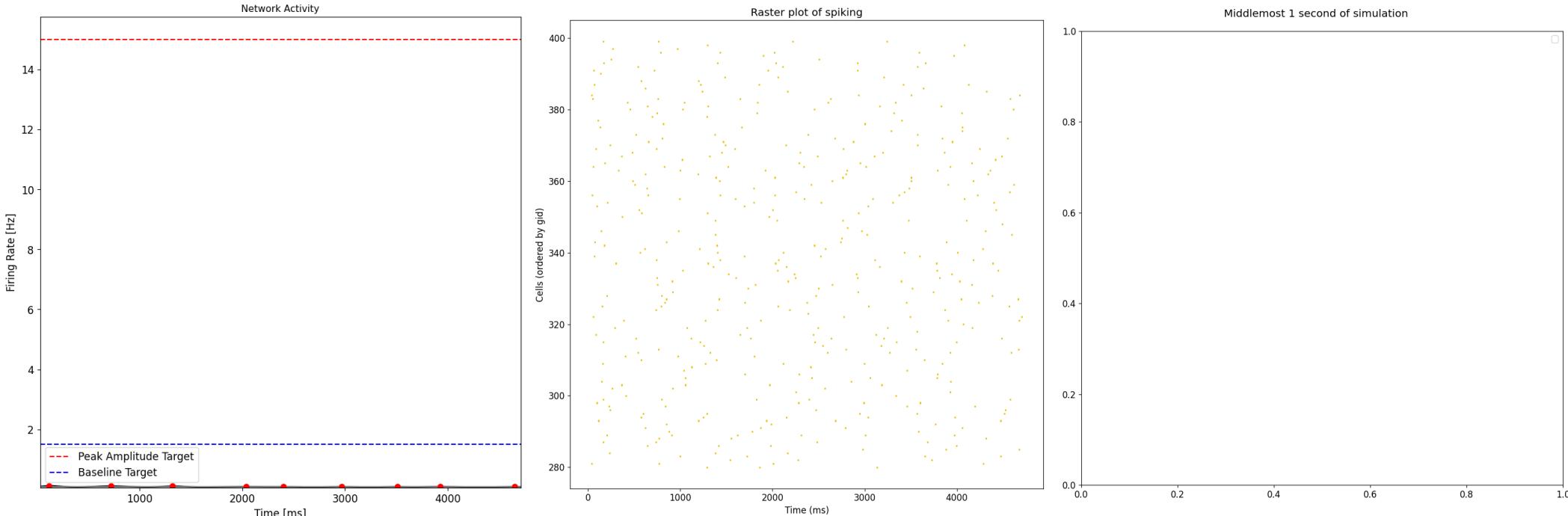
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 1000
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.1943883084657927
thresh: 0.21042461526507478
rate_fitness: 3.31030631389142
maxFitness: 1000
average_fitness: 572.102159891089
average_scaled_fitness: 572.012100702041
```



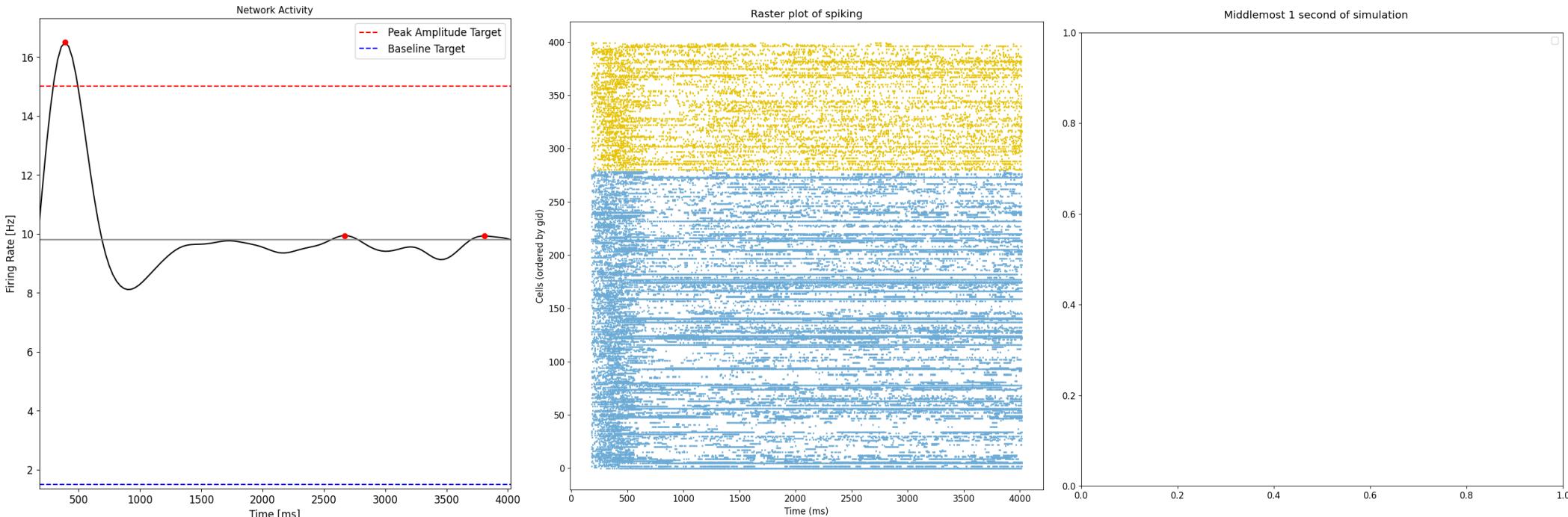
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 1000
IBI_fitness: 3.3826877636837946
baselineFitness: 4.086746018511515
slopeFitness: 1.0002960449084766
thresh: 1000
rate_fitness: 1000.0
maxFitness: 1000
average_fitness: 572.6385328324434
average_scaled_fitness: 572.210616804379
```



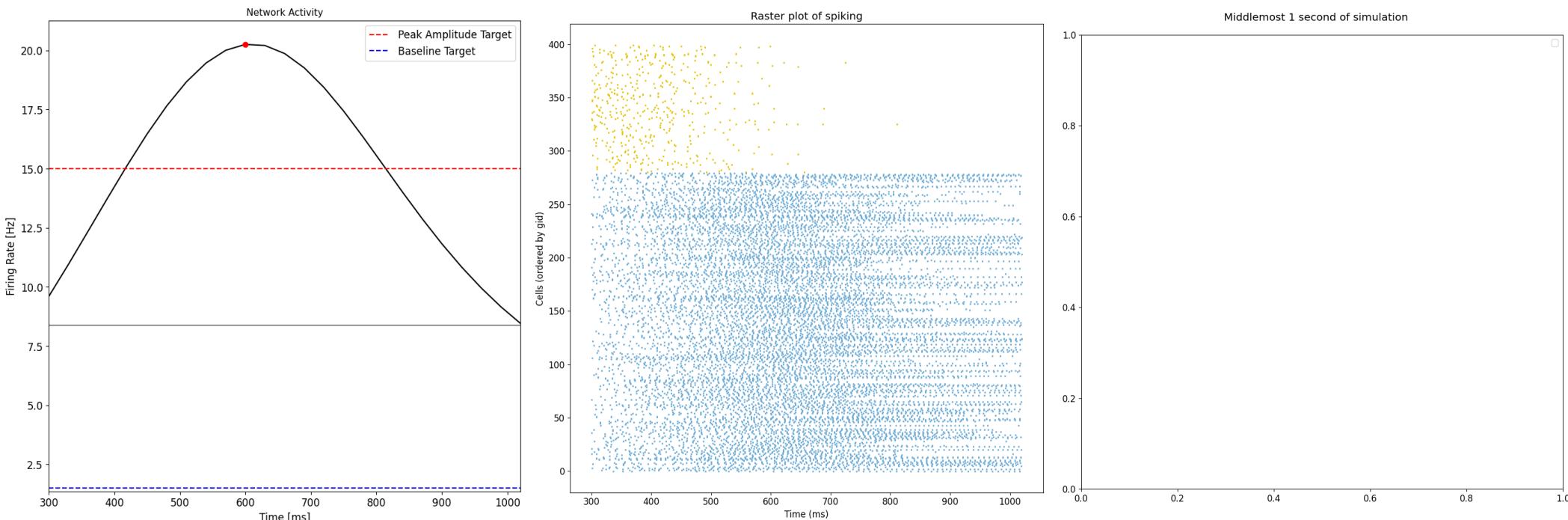
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 11.912781987915407
IBI_fitness: 1.9839192960890975
baselineFitness: 1000
slopeFitness: 1.0388261610330825
thresh: 1000
rate_fitness: 501.39096947434876
maxFitness: 1000
average_fitness: 502.33235670276946
average_scaled_fitness: 501.8148289140066
```



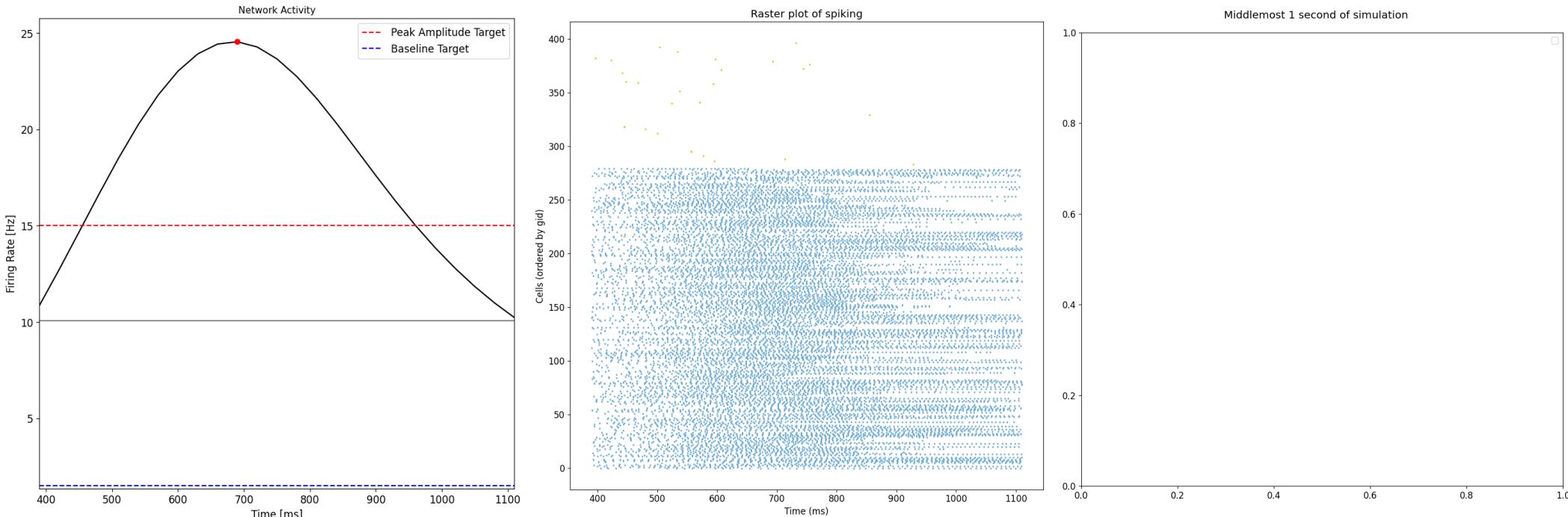
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 4.79686320719803
burst_peak_frequency_fitness: 48.53828855239109
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.3599355752937257
thresh: 1000
rate_fitness: 504.9548720148781
maxFitness: 1000
average_fitness: 508.52142276425155
average_scaled_fitness: 507.85213337211945
```



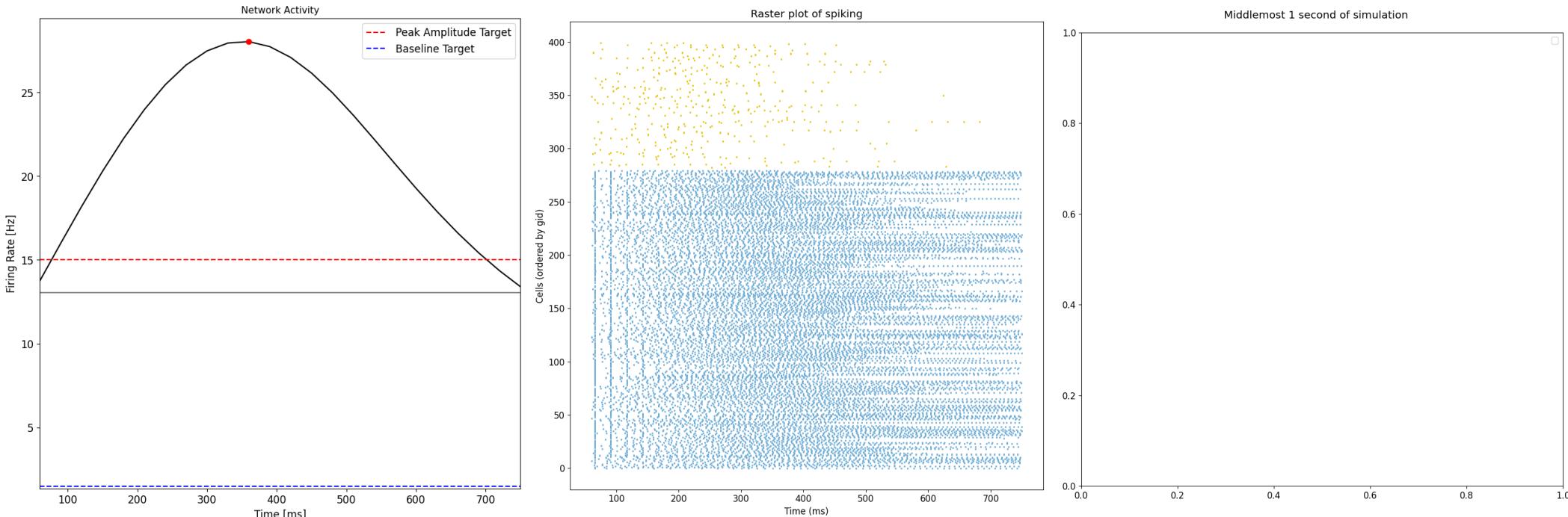
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1.3064172116584007
burst_peak_frequency_fitness: 30.126506697214268
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.499370203800549
thresh: 1000
rate_fitness: 1000.0
maxFitness: 1000
average_fitness: 576.133184873239
average_scaled_fitness: 575.5787135996915
```



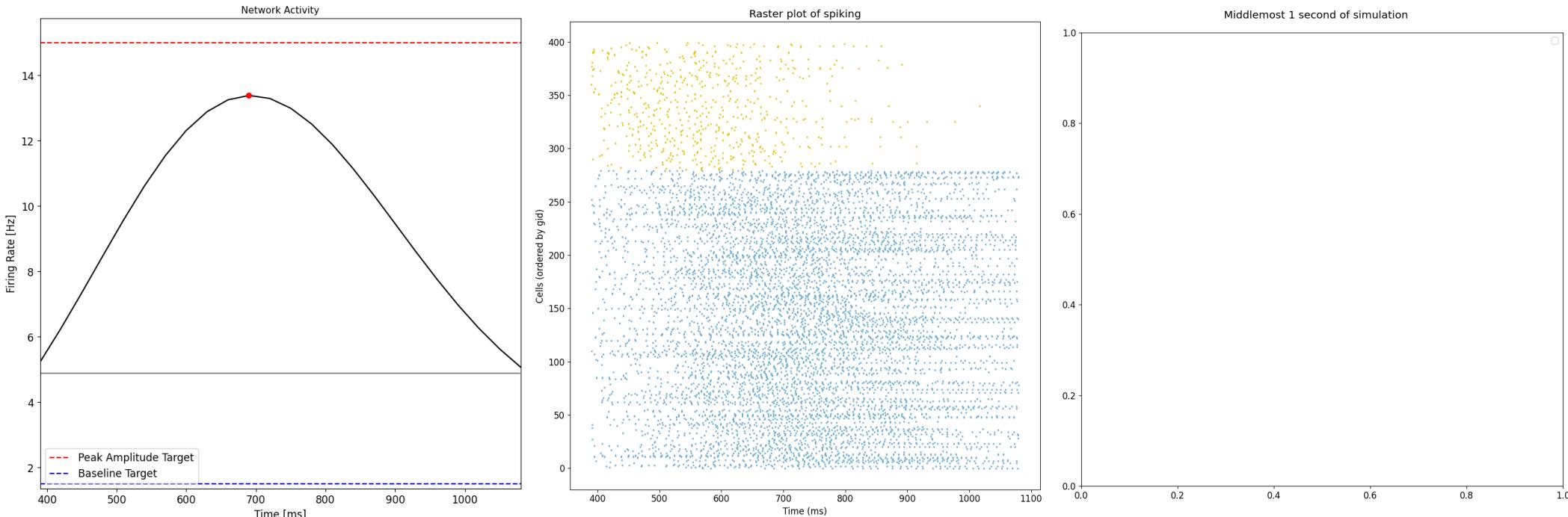
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1.0035309659859204
burst_peak_frequency_fitness: 403.4287934927351
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.44633590109827
thresh: 1000
rate_fitness: 507.04433106997897
maxFitness: 1000
average_fitness: 558.9889987756854
average_scaled_fitness: 558.5459860025802
```



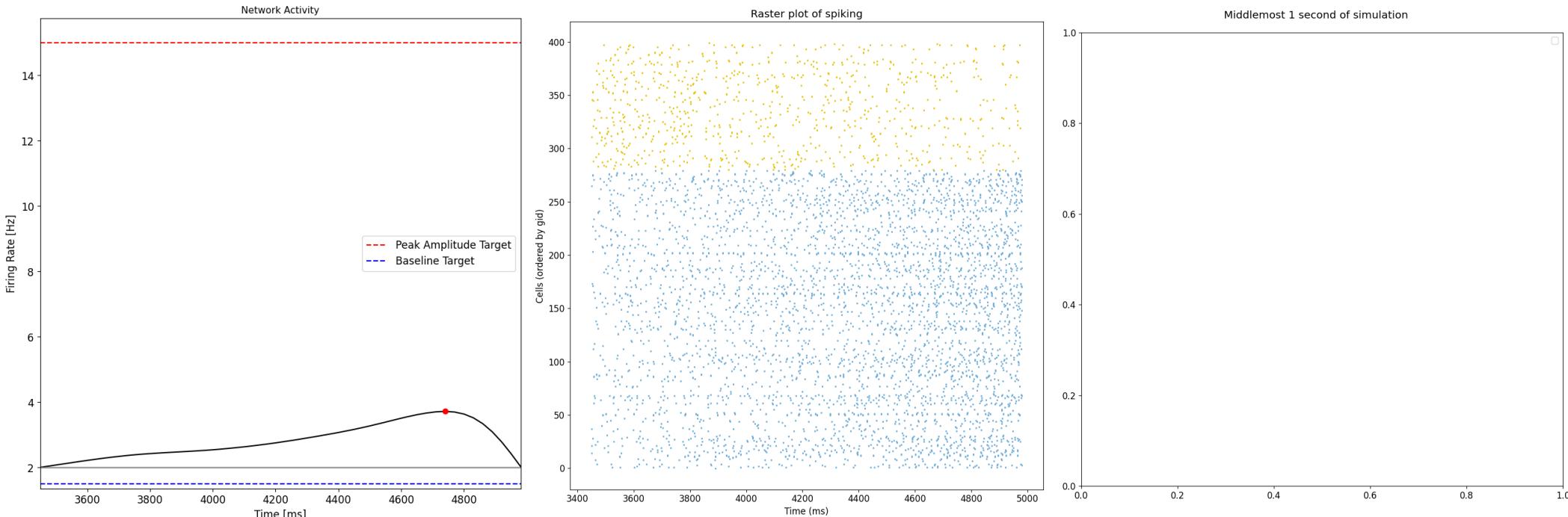
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 25.703441300562446
burst_peak_frequency_fitness: 35.00726304580835
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.1684917162250494
thresh: 1.130860408921069
rate_fitness: 505.1944646081862
maxFitness: 1000
average_fitness: 366.88636015424333
average_scaled_fitness: 366.16958643357094
```



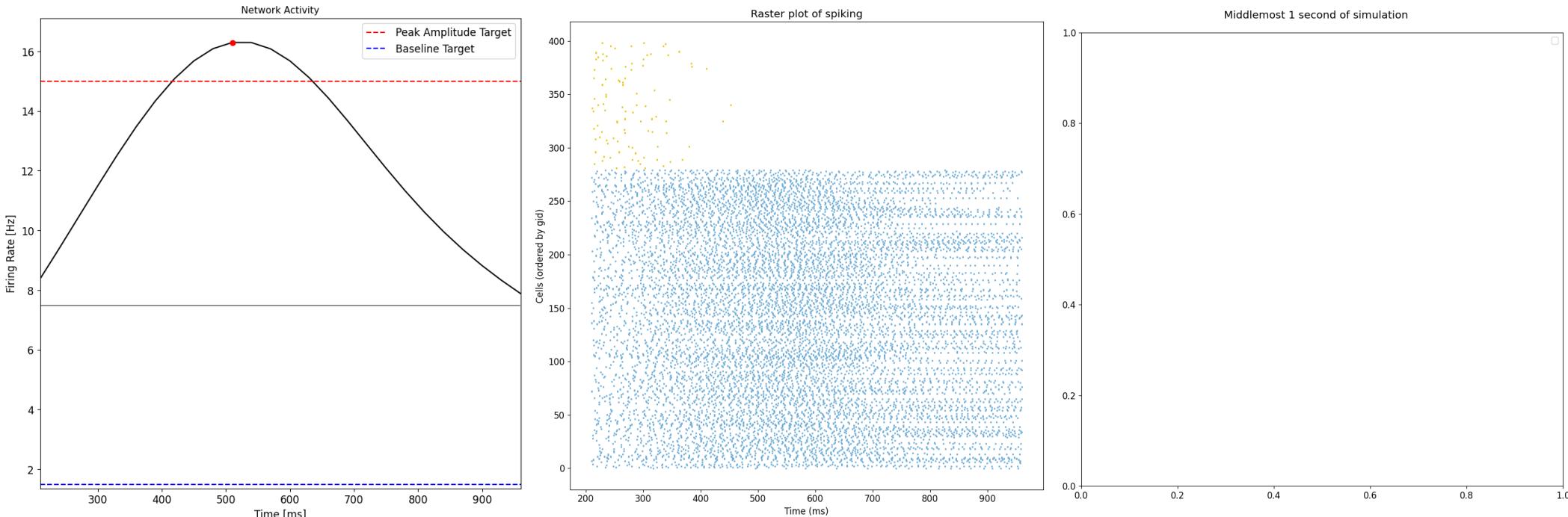
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 1000
IBI_fitness: 1000
baselineFitness: 3.676583312229511
slopeFitness: 1.0545783436116034
thresh: 1000
rate_fitness: 506.9150809486752
maxFitness: 1000
average_fitness: 644.5208918006452
average_scaled_fitness: 644.1456154732441
```



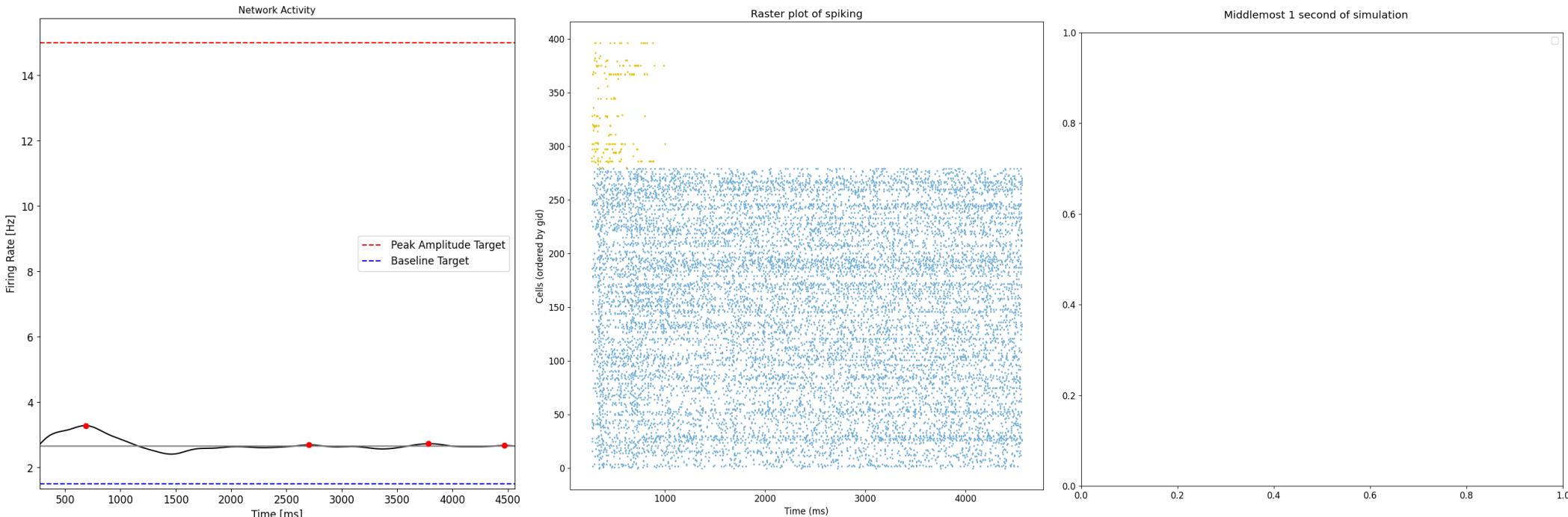
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 22.138309935794105
burst_peak_frequency_fitness: 70.10541234668791
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.2487389262193103
thresh: 1000
rate_fitness: 1000.0
maxFitness: 1000
average_fitness: 584.7846373155287
average_scaled_fitness: 584.2654934542325
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 26.131928862477743
IBI_fitness: 2.4754060433359206
baselineFitness: 3.322964044442889
slopeFitness: 1.0044691928485339
thresh: 1000
rate_fitness: 8.398674205785227
maxFitness: 1000
average_fitness: 291.6190631926986
average_scaled_fitness: 290.9068009193637
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

burstAmp\_Fitness: 29.47475928298729

burst\_peak\_frequency\_fitness: 1000

IBI\_fitness: 1000

baselineFitness: 1000

slopeFitness: 1.0904218548536317

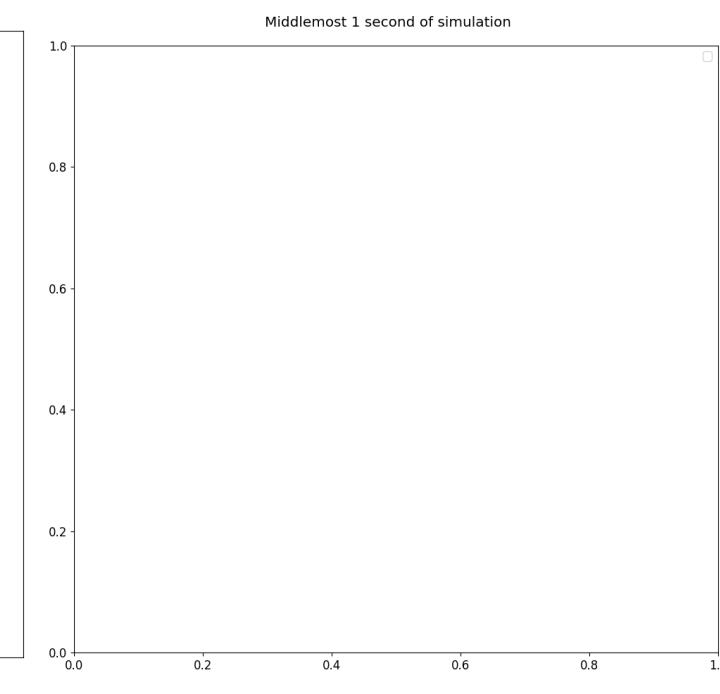
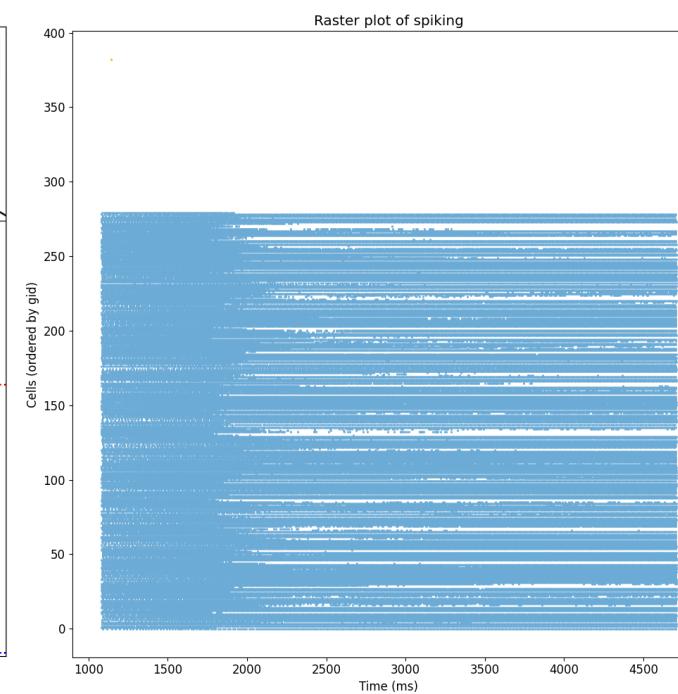
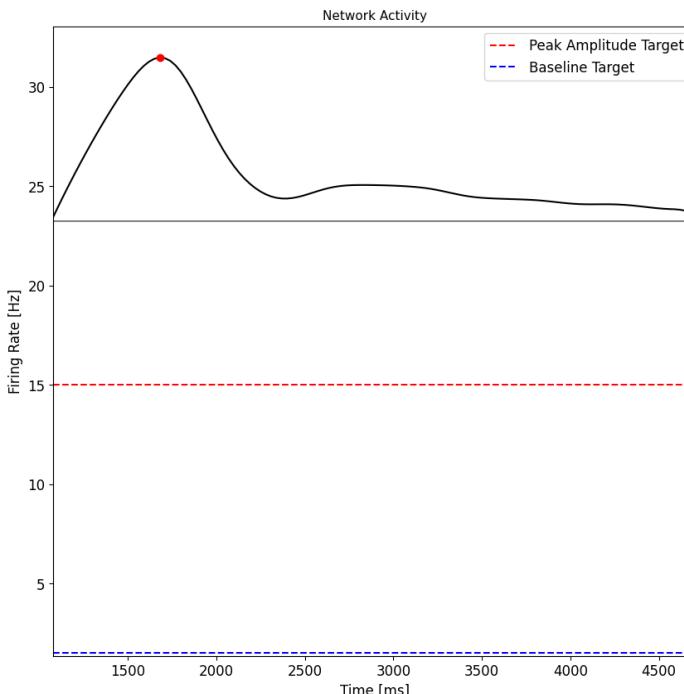
thresh: 1000

rate\_fitness: 505.40045089452065

maxFitness: 1000

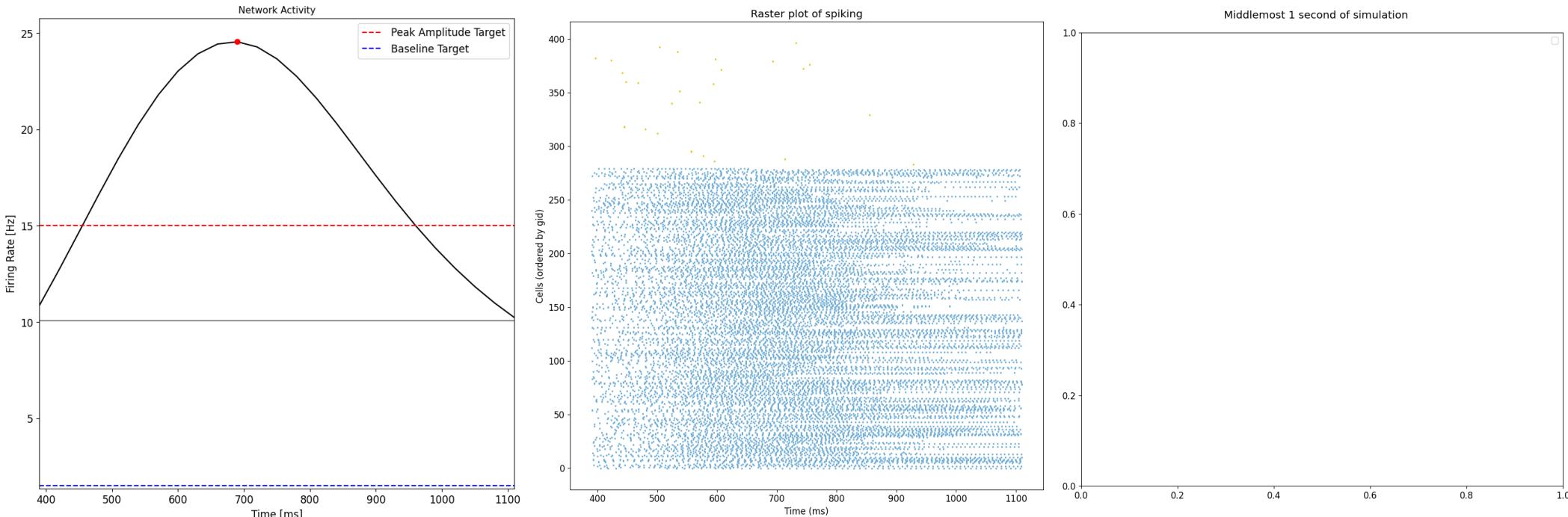
average\_fitness: 647.9950902903373

average\_scaled\_fitness: 647.6108374460749



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1.3064172116584007
burst_peak_frequency_fitness: 30.126506697214268
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.499370203800549
thresh: 1000
rate_fitness: 1000.0
maxFitness: 1000
average_fitness: 576.133184873239
average_scaled_fitness: 575.5787135996915
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

burstAmp\_Fitness: 10.947760700501995

burst\_peak\_frequency\_fitness: 1000

IBI\_fitness: 1000

baselineFitness: 1000

slopeFitness: 1.5002839138692223

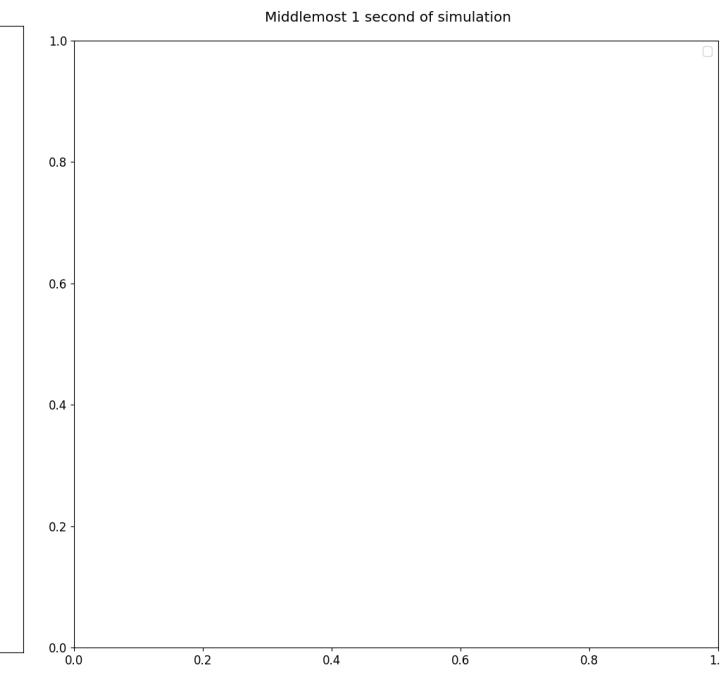
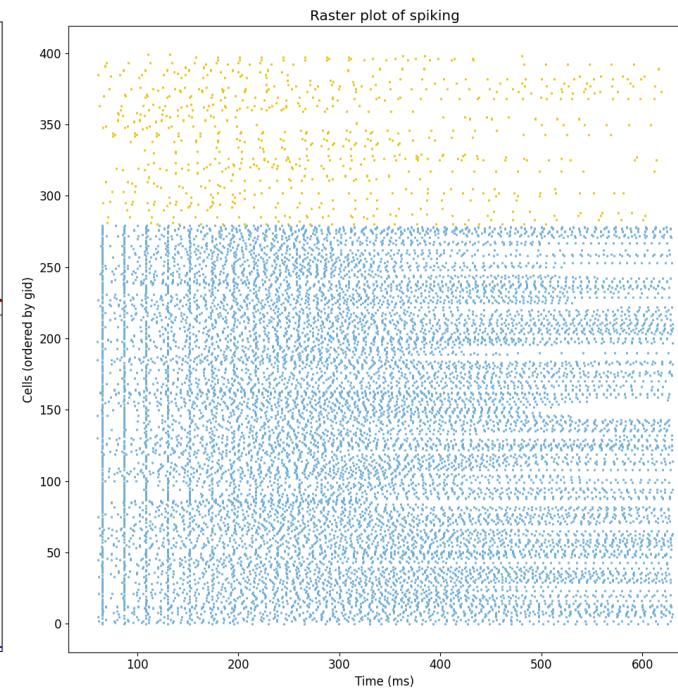
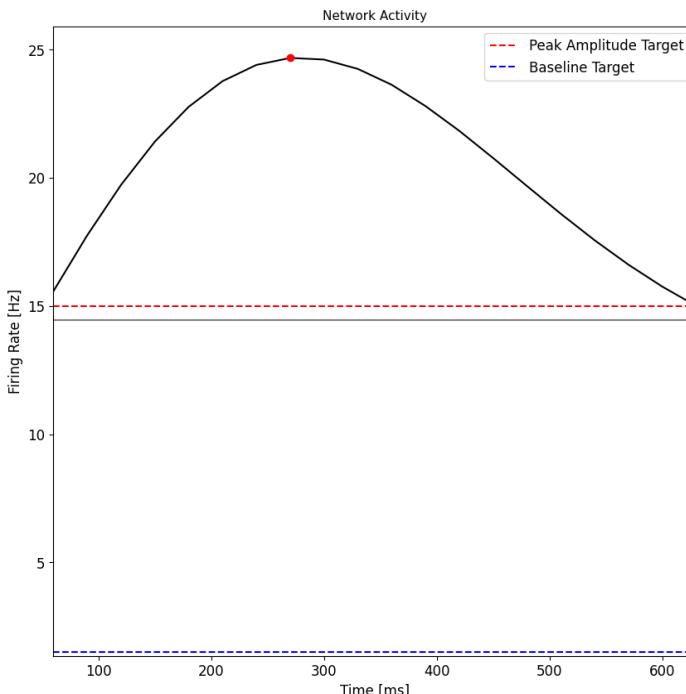
thresh: 1000

rate\_fitness: 504.8729751839722

maxFitness: 1000

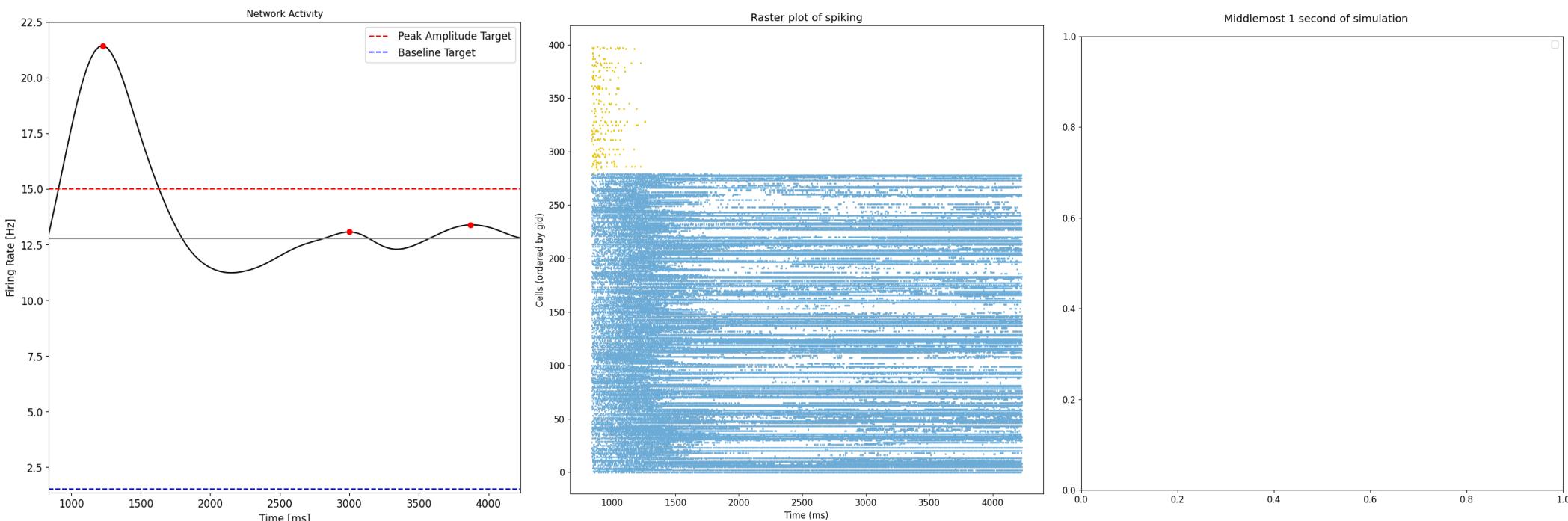
average\_fitness: 645.3315742569063

average\_scaled\_fitness: 644.7986714174488



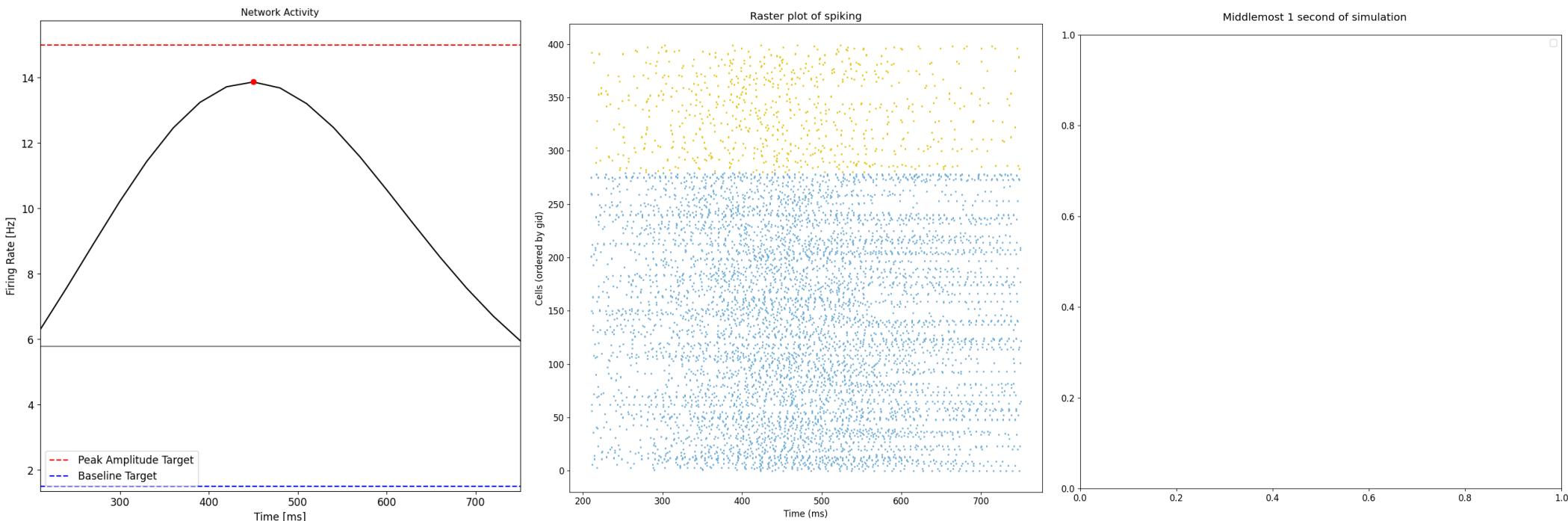
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
sustained_osc: {'target': 100, 'width': 5, 'min': 75}
```

```
burstAmp_Fitness: 674.5953836663408
burst_peak_frequency_fitness: 9.538336974528054
IBI_fitness: 2.3752477918089805
baselineFitness: 1000
slopeFitness: 1.1009129004775307
thresh: 1000
sustain_fit: 1000
rate_fitness: 24.501853885933127
maxFitness: 1000
average_fitness: 464.0139669023861
average_scaled_fitness: 463.42324262809893
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
sustained_osc: {'target': 100, 'width': 5, 'min': 75}
```

```
burstAmp_Fitness: 31.703473306889048
burst_peak_frequency_fitness: 403.4287934927351
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.2122037268182935
thresh: 0.458756257885344
sustain_fit: 1000
rate_fitness: 504.6827701933878
maxFitness: 1000
average_fitness: 492.6857496222144
average_scaled_fitness: 492.4529092181468
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

burstAmp\_Fitness: 32.633702299070215

burst\_peak\_frequency\_fitness: 1000

IBI\_fitness: 1000

baselineFitness: 1000

slopeFitness: 1.056057460910413

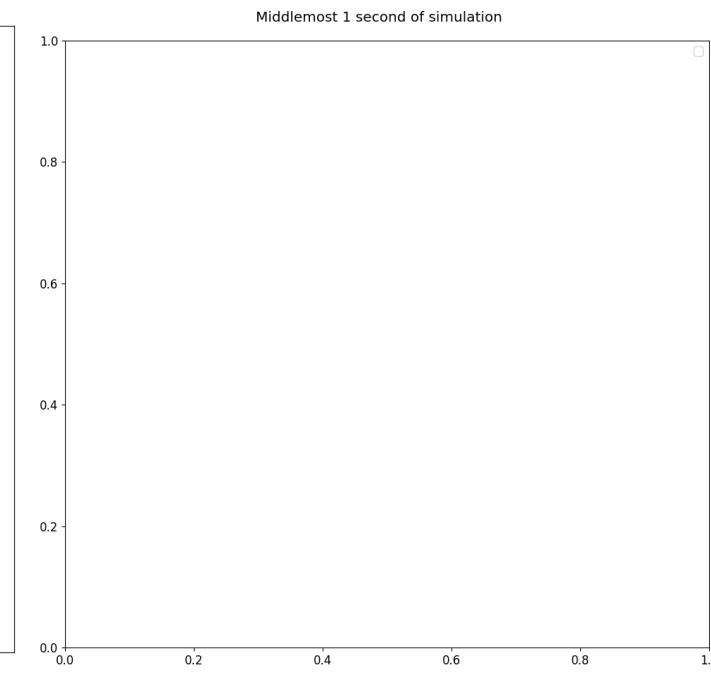
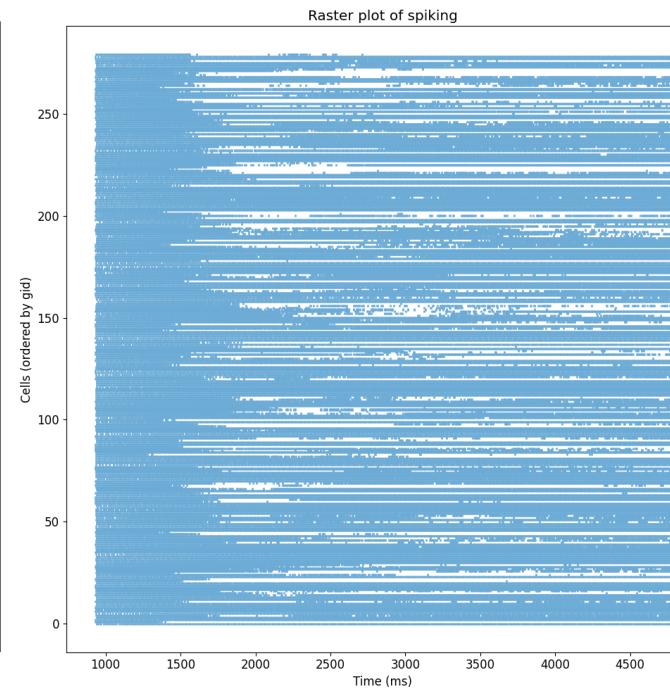
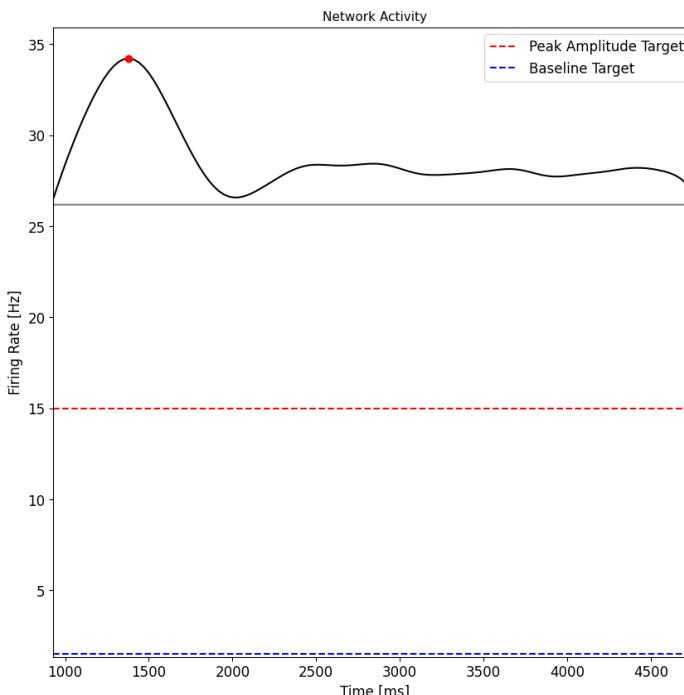
thresh: 1000

rate\_fitness: 1000.0

maxFitness: 1000

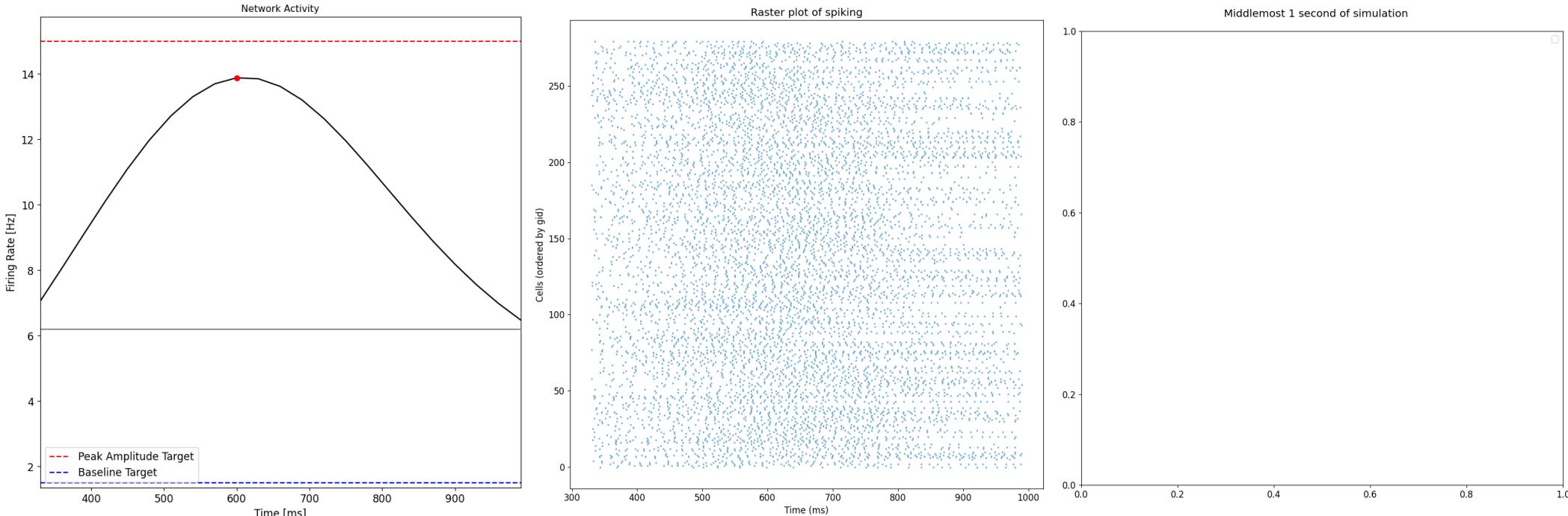
average\_fitness: 719.0985371085686

average\_scaled\_fitness: 718.8015754142887



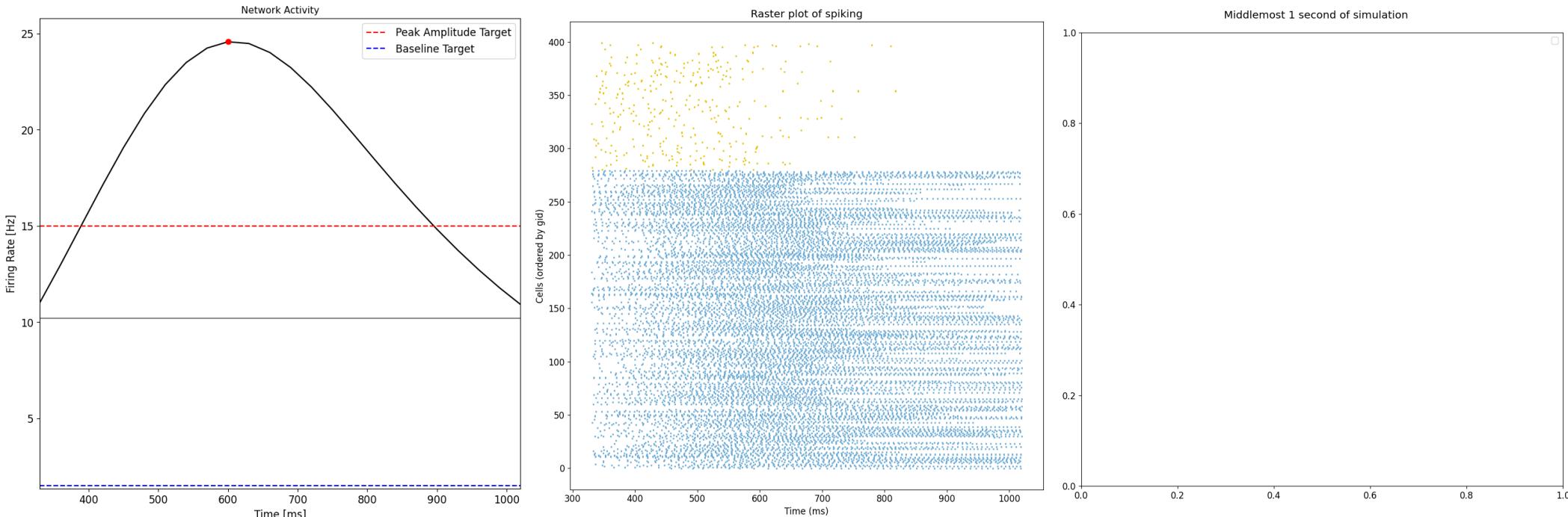
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 58.009457674475485
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.2290466357548089
thresh: 0.3050749380833515
rate_fitness: 1000.0
maxFitness: 1000
average_fitness: 579.9347970354734
average_scaled_fitness: 579.8066065619872
```



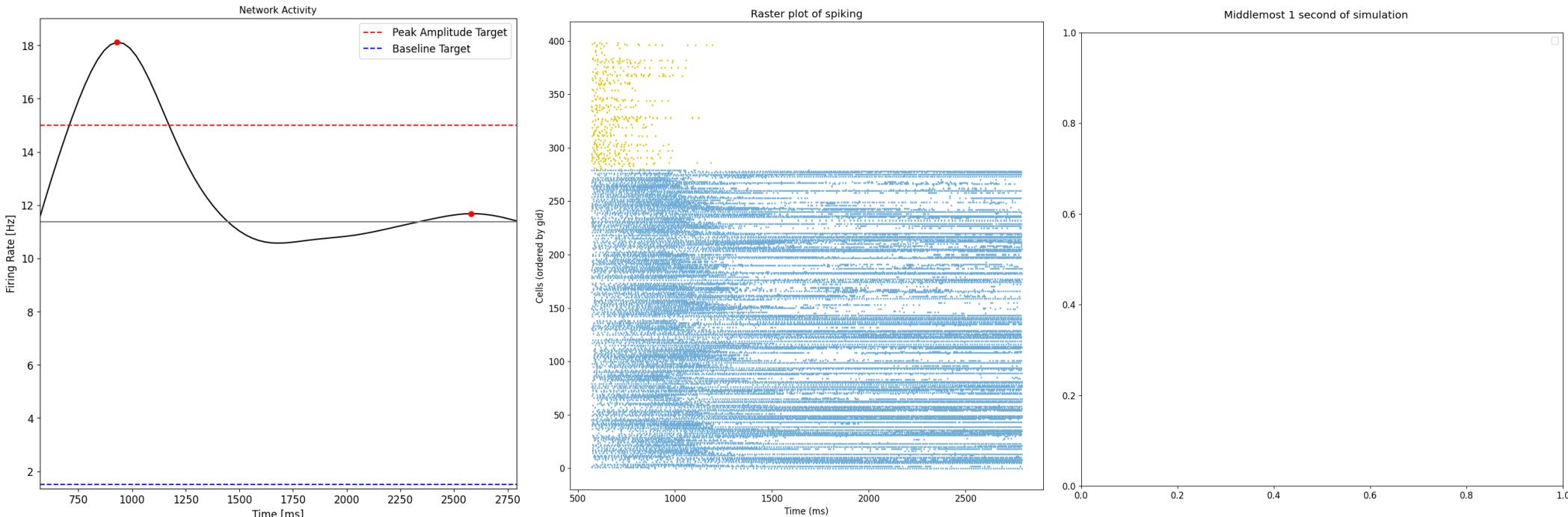
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1.3826245912670747
burst_peak_frequency_fitness: 48.53828855239109
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.4342555184664203
thresh: 1000
rate_fitness: 506.7631073328869
maxFitness: 1000
average_fitness: 508.30261085643025
average_scaled_fitness: 507.6218366996482
```



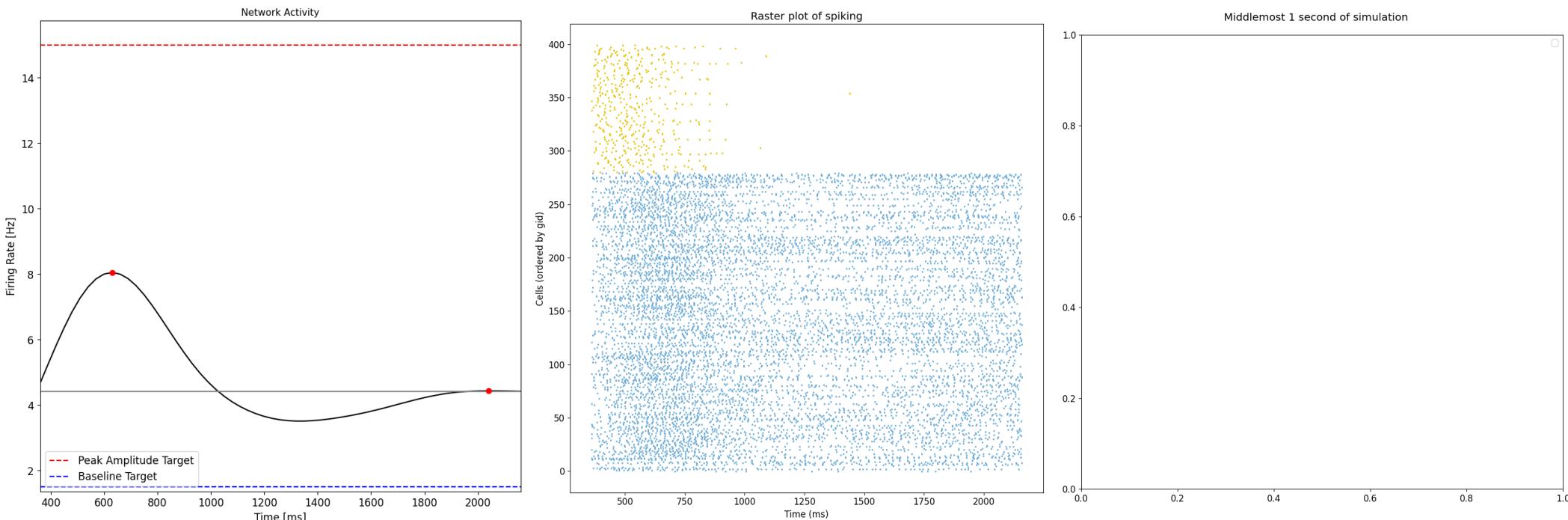
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 9.984913150342729
IBI_fitness: 1.9640329759698474
baselineFitness: 1000
slopeFitness: 1.1608913136839103
thresh: 1000
rate_fitness: 503.92371145111605
maxFitness: 1000
average_fitness: 502.4333641273018
average_scaled_fitness: 501.8550720074395
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
sustained_osc: {'target': 100, 'width': 5, 'min': 75}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 35.00726304580835
IBI_fitness: 2.2144409968040746
baselineFitness: 1000
slopeFitness: 1.117325601842869
thresh: 1.801594321396821
sustain_fit: 1000
rate_fitness: 31.04268040439818
maxFitness: 1000
average_fitness: 383.89791304628125
average_scaled_fitness: 383.20875639881314
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

burstAmp\_Fitness: 10.287406451042132

burst\_peak\_frequency\_fitness: 1000

IBI\_fitness: 1000

baselineFitness: 1000

slopeFitness: 1.2396499261307976

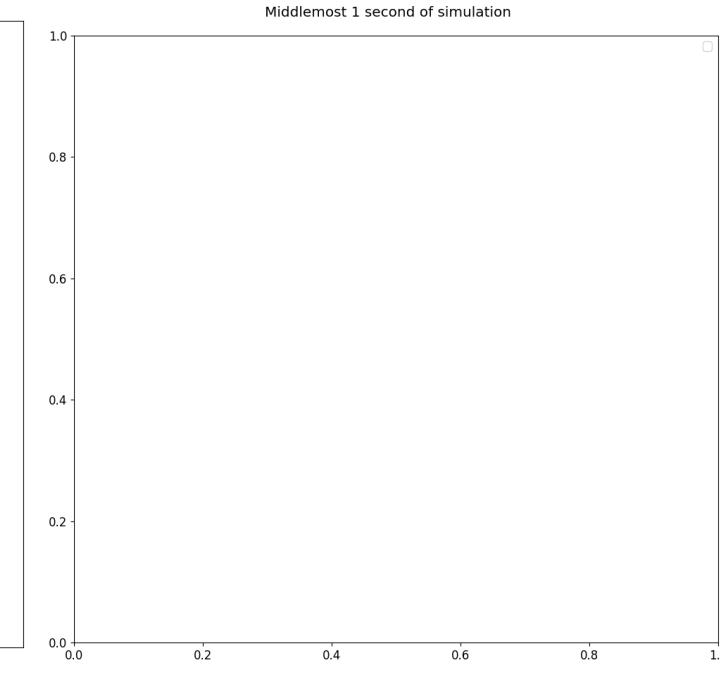
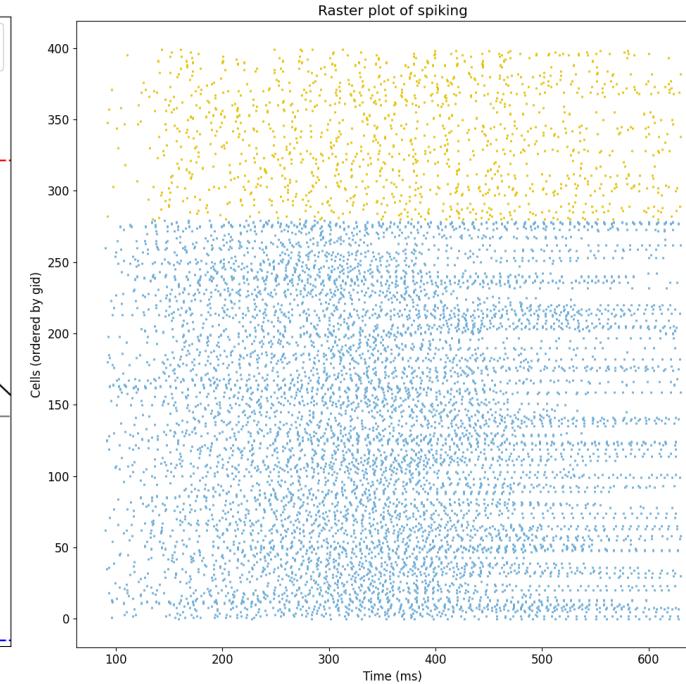
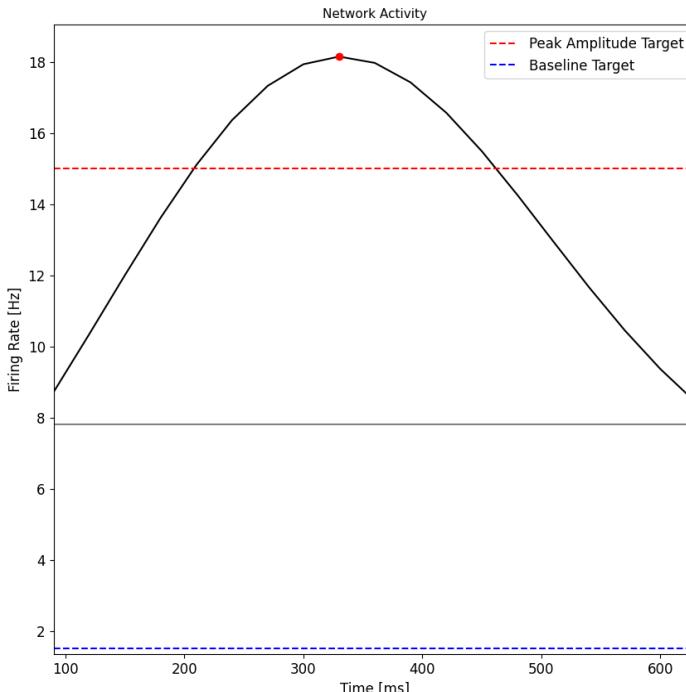
thresh: 1000

rate\_fitness: 502.1834951953678

maxFitness: 1000

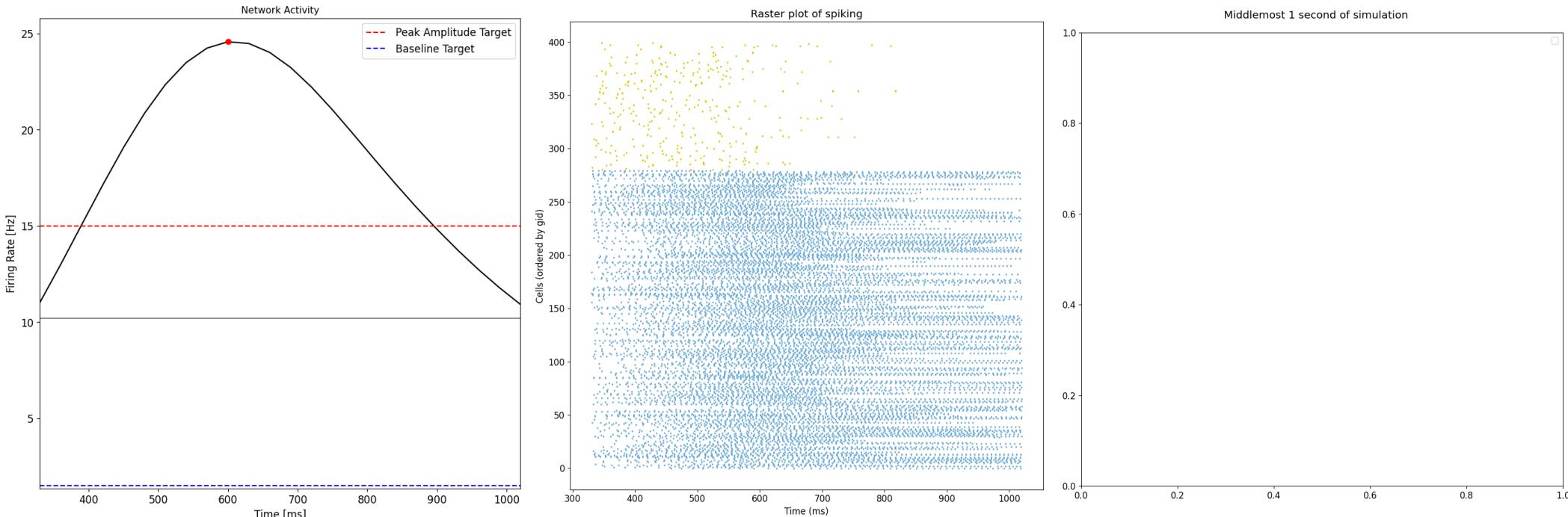
average\_fitness: 644.8157930817915

average\_scaled\_fitness: 644.3749425055382



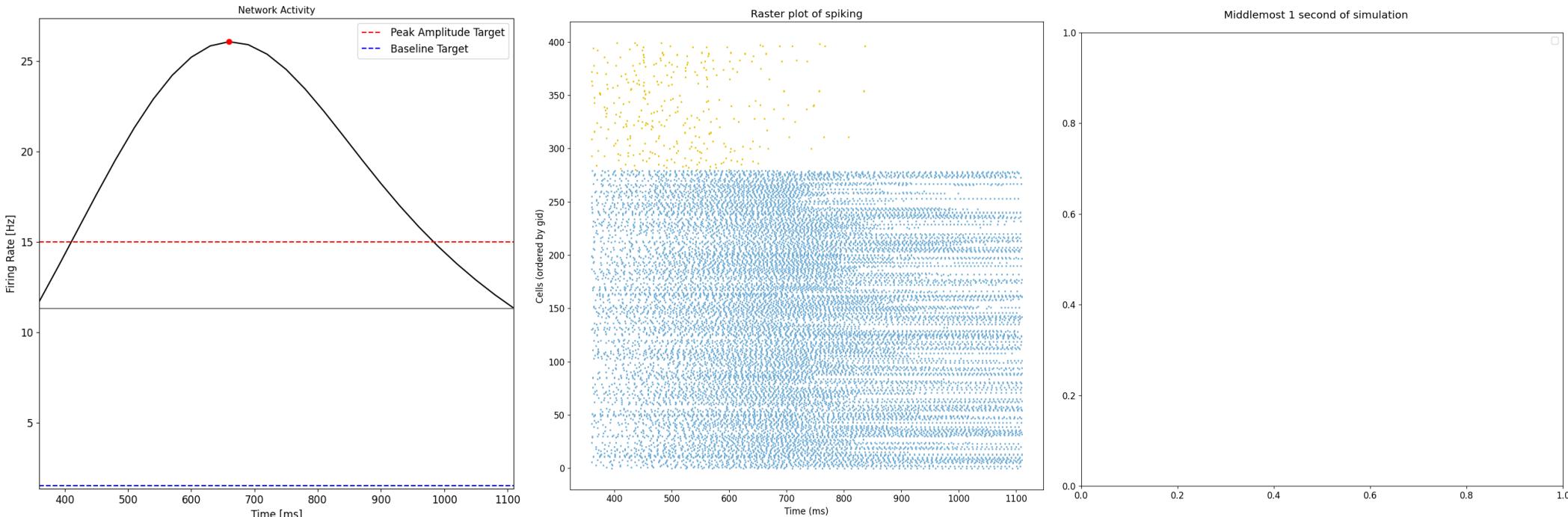
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1.3826245912670747
burst_peak_frequency_fitness: 48.53828855239109
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.4342555184664203
thresh: 1000
rate_fitness: 506.7631073328869
maxFitness: 1000
average_fitness: 508.30261085643025
average_scaled_fitness: 507.6218366996482
```



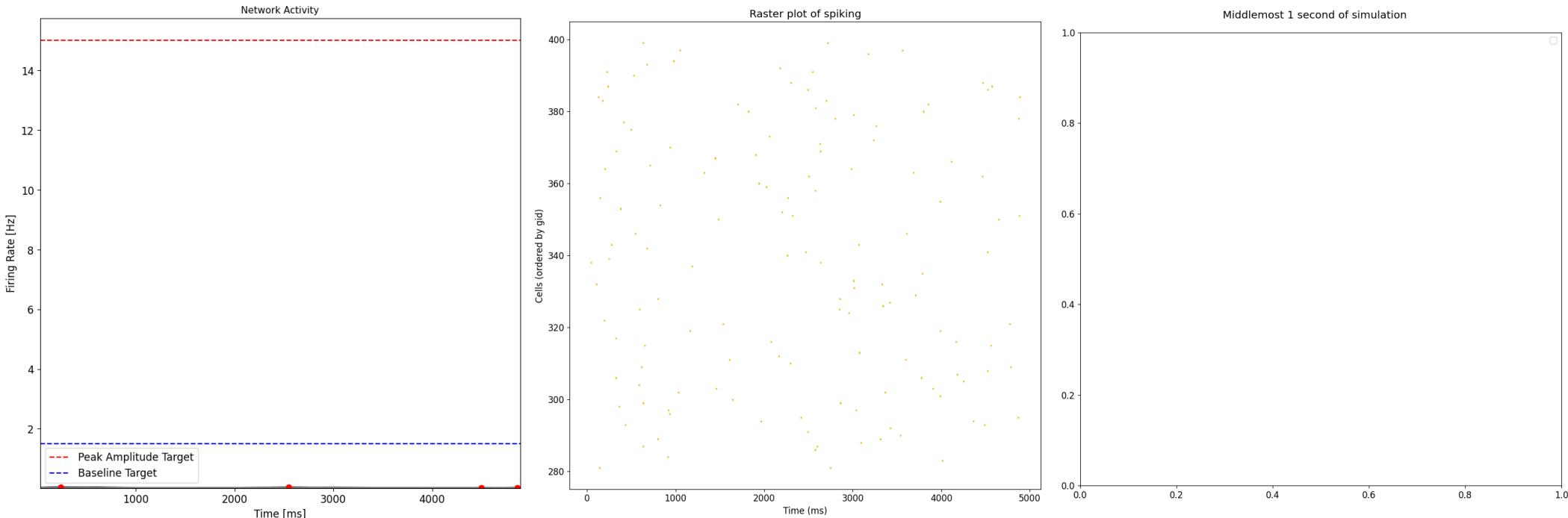
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1.1281091502634235
burst_peak_frequency_fitness: 30.126506697214268
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.5019032661552563
thresh: 1000
rate_fitness: 507.04433106997897
maxFitness: 1000
average_fitness: 505.6858357405159
average_scaled_fitness: 505.1275656190777
```



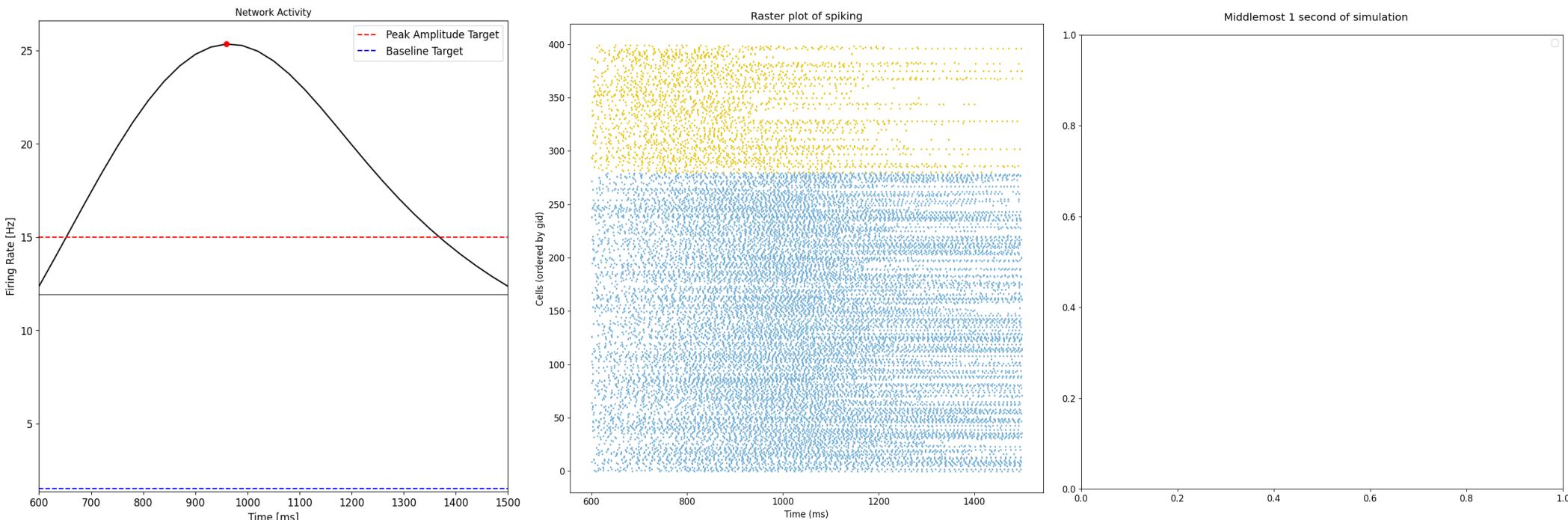
```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
sustained_osc: {'target': 100, 'width': 5, 'min': 75}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 18.319672090996082
IBI_fitness: 2.2819567151025377
baselineFitness: 4.355843799137227
slopeFitness: 1.0001139149116318
thresh: 1000
sustain_fit: 1.8134626703885177
rate_fitness: 1000.0
maxFitness: 1000
average_fitness: 378.47138114881704
average_scaled_fitness: 377.8491594359949
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 2.1874387907005075
burst_peak_frequency_fitness: 7.38905609893065
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.3471766822348052
thresh: 1000
rate_fitness: 501.28450231260405
maxFitness: 1000
average_fitness: 501.74402484063864
average_scaled_fitness: 501.07188051195305
```



```
rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
bursts_peak_targets: {'target': 15, 'width': 2, 'min': 8}
IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000}
baseline_targets: {'target': 1.5, 'width': 1, 'max': 3}
rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5}
thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7}
burst_peak_frequency: {'target': 0.3333333333333333, 'width': 0.1666666666666666, 'min': 0.25}
```

```
burstAmp_Fitness: 1000.0
burst_peak_frequency_fitness: 1000
IBI_fitness: 1000
baselineFitness: 1000
slopeFitness: 1.0202306346995793
thresh: 0.8463584609189622
rate_fitness: 8.61989182688602
maxFitness: 1000
average_fitness: 572.9266401317864
average_scaled_fitness: 572.564876798771
```

