

```

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}

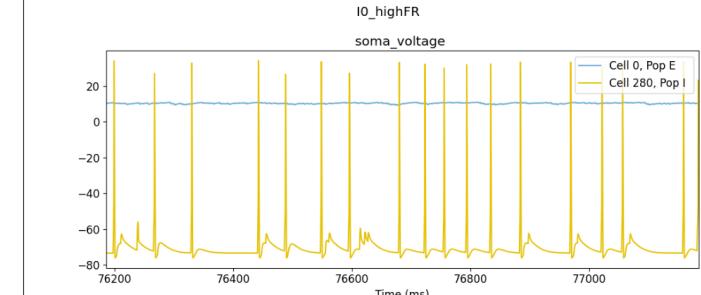
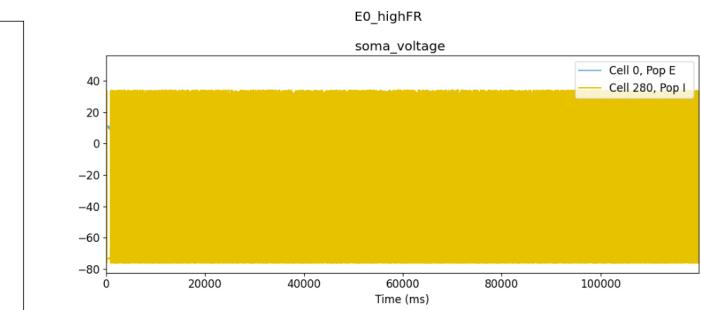
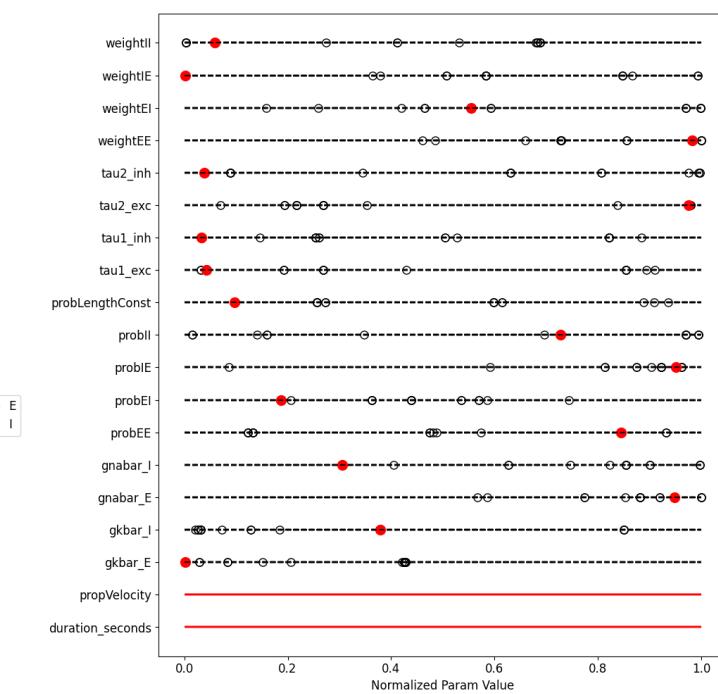
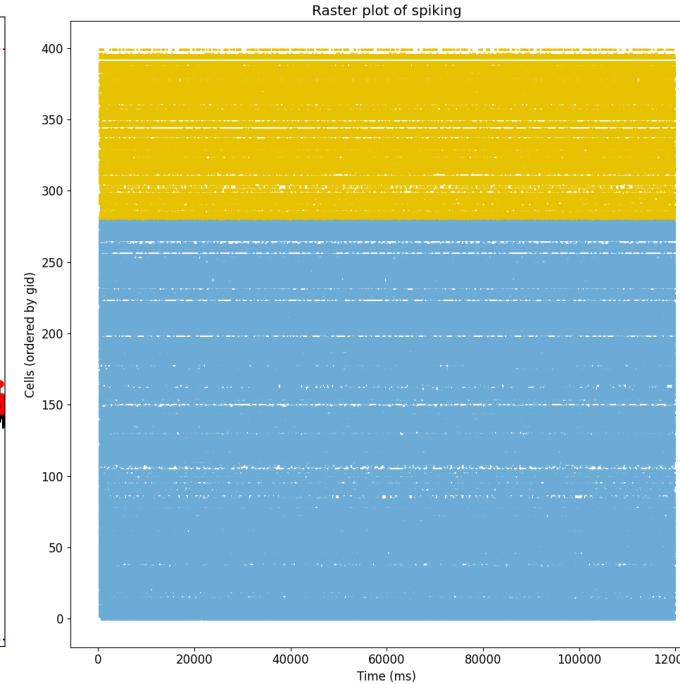
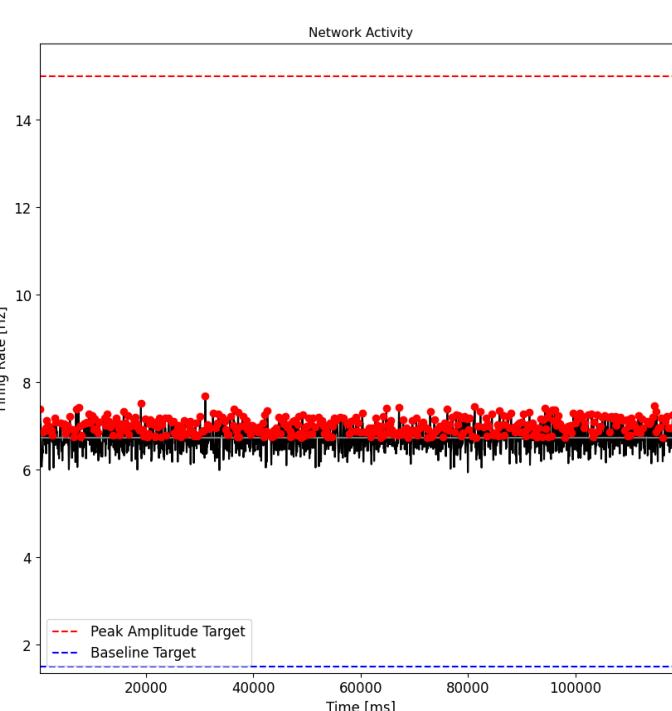
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```

burstAmp_Fitness: {'Value': 0.27213961476360193, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 3.6383360453957527, 'Fit': 1000}
IBI_fitness: {'Value': 274.6896551724138, 'Fit': 3.915698064356402}
baseline_fitness: {'Value': 6.730810844181909, 'Fit': 1000}
slopeFitness: {'Value': 1.9242143177247933e-06, 'Fit': 1.0000038484360407}
thresh: {'Value': 6.7312840933043, 'Fit': 0.17705690634065352}
sustain_oscillation_fitness: {'Value': 99.68751953002938, 'Fit': 1.064490301004369}
E_rate_fitness: {'Value': 19.46825396825397, 'Fit': 119.97718351175384}
I_rate_fitness: {'Value': 8.916666666666666, 'Fit': 8.234505665347891}
maxFitness: 1000
average_fitness: 348.26321536635993
average_scaled_fitness: 348.14780043251307

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

```



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: {'Value': 3.0768802328454217, 'Fit': 1000.0}

burst_peak_frequency_fitness: {'Value': 0.33337500520898444, 'Fit': 1.000250062514326}

IBI_fitness: {'Value': 3019.0384615384614, 'Fit': 1.2360163053458126}

baseline_fitness: {'Value': 4.207737229253988, 'Fit': 1000}

slopeFitness: {'Value': -7.0509503686568455e-06, 'Fit': 1.0000141020001696}

thresh: {'Value': 4.7280474946864, 'Fit': 1.3125246618835151}

sustain_oscillation_fitness: {'Value': 98.87507030810573, 'Fit': 1.2523051066280855}

E_rate_fitness: {'Value': 2.4563492063492065, 'Fit': 7.519204271932153}

I_rate_fitness: {'Value': 15.435185185185185, 'Fit': 4.290835552601959}

maxFitness: 1000

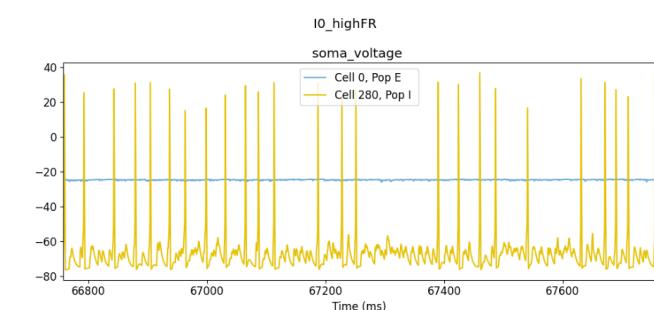
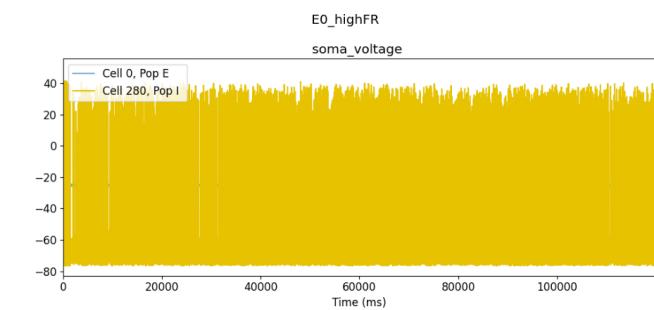
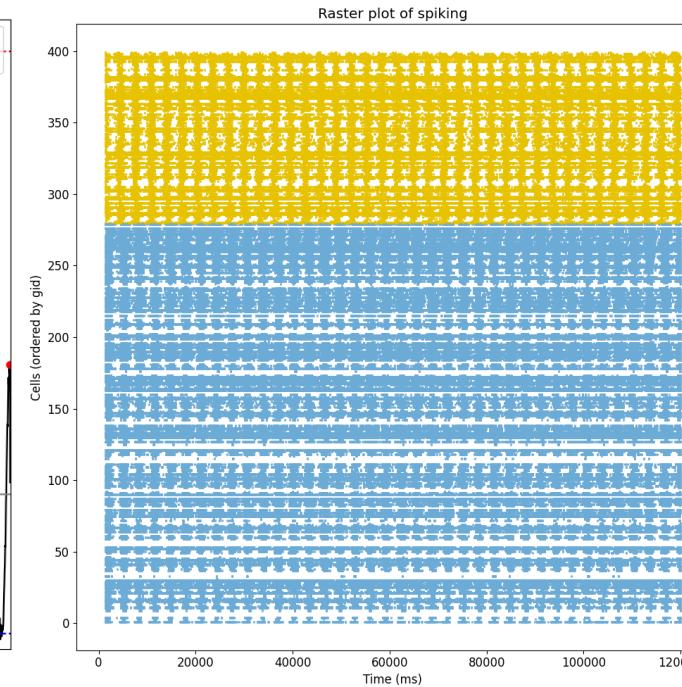
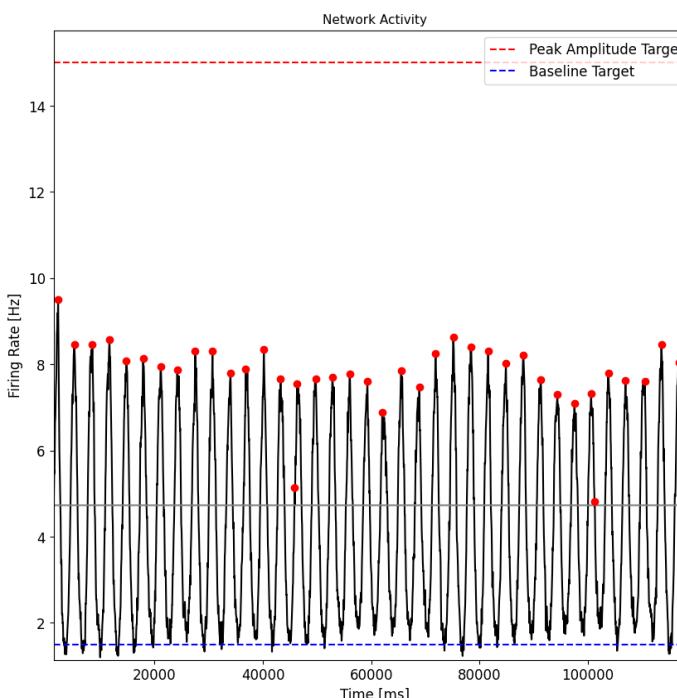
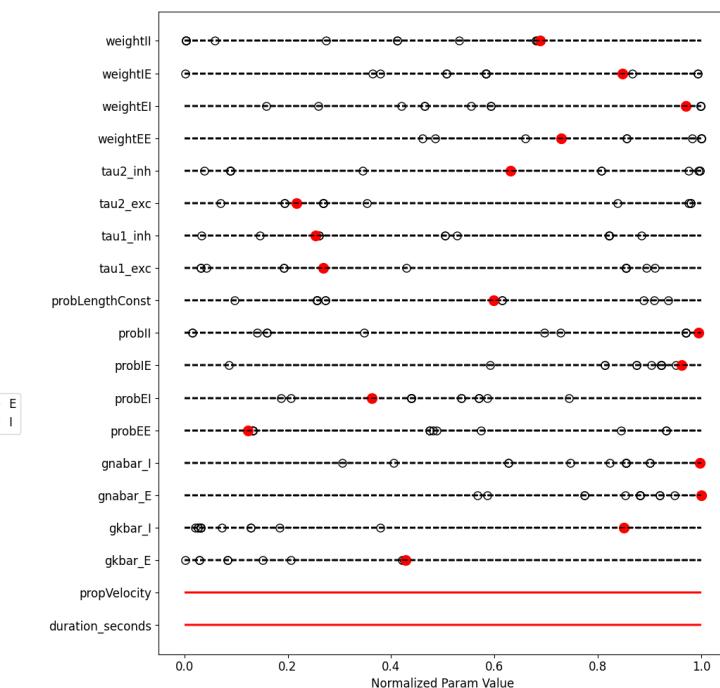
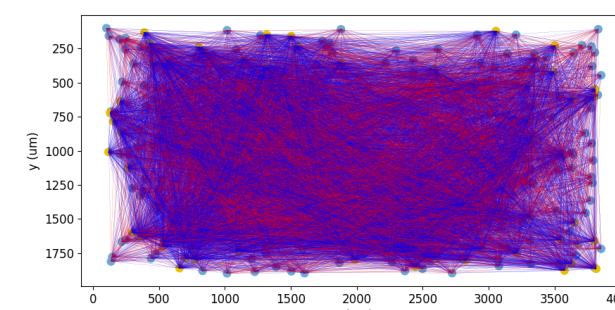
average_fitness: 224.1790166736562

average_scaled_fitness: 223.40240813020708

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0



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: {'Value': 0.5820462167121544, 'Fit': 1000.0}

burst_peak_frequency_fitness: {'Value': 1.35901283975321, 'Fit': 470.6322664896735}

IBI_fitness: {'Value': 728.0092592592592, 'Fit': 3.239897223055735}

baseline_fitness: {'Value': 7.56589079840476, 'Fit': 1000}

slopeFitness: {'Value': 6.056457130050503e-06, 'Fit': 1.0000121129876218}

thresh: {'Value': 7.568579982282897, 'Fit': 1000}

sustain_oscillation_fitness: {'Value': 98.76882694831573, 'Fit': 1.2791996518008426}

E_rate_fitness: {'Value': 1.6666666666666665, 'Fit': 10.312258501325767}

I_rate_fitness: {'Value': 23.324074074074073, 'Fit': 1.949538333691855}

maxFitness: 1000

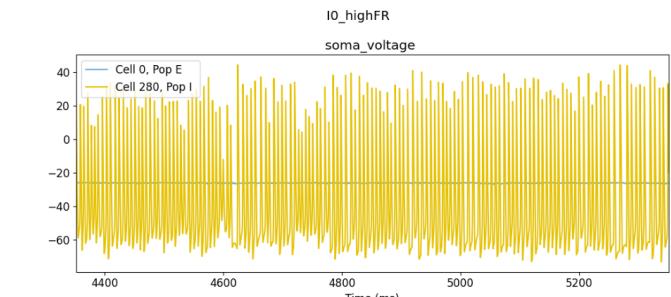
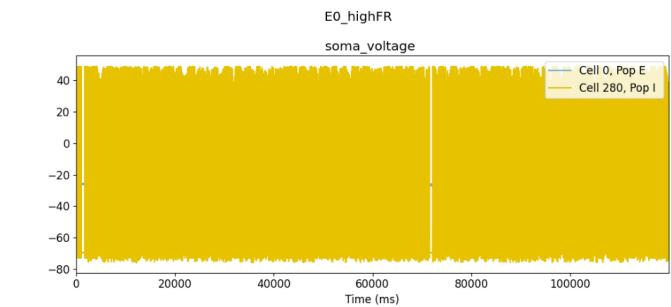
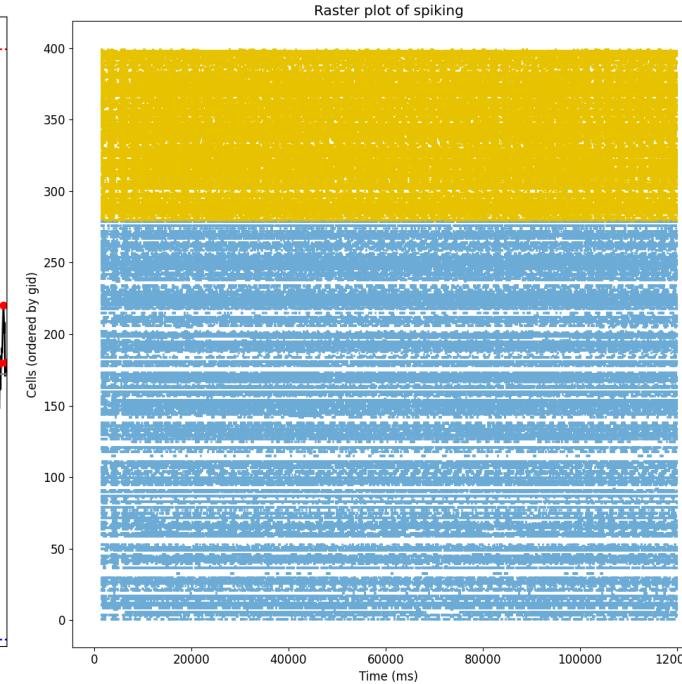
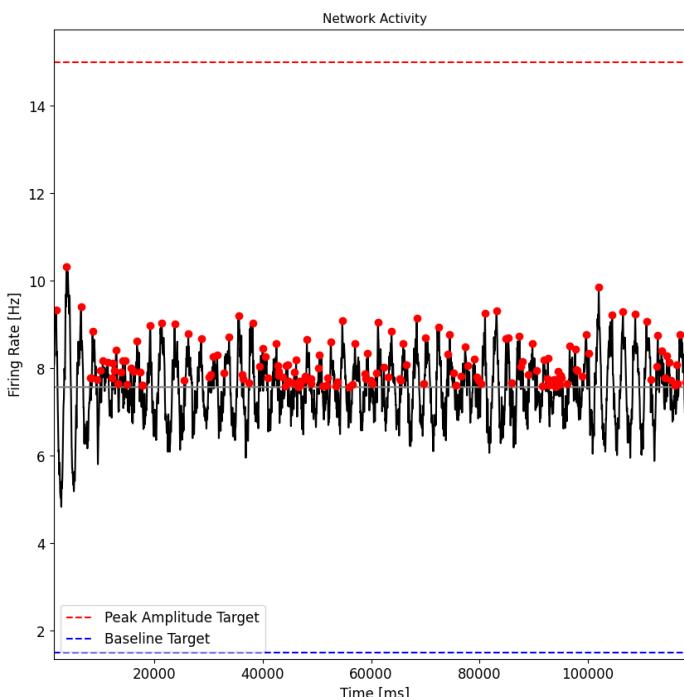
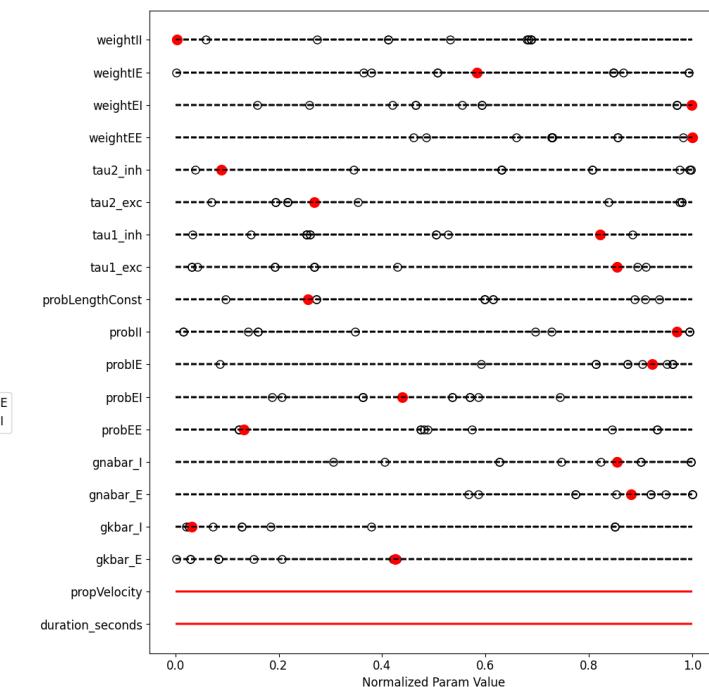
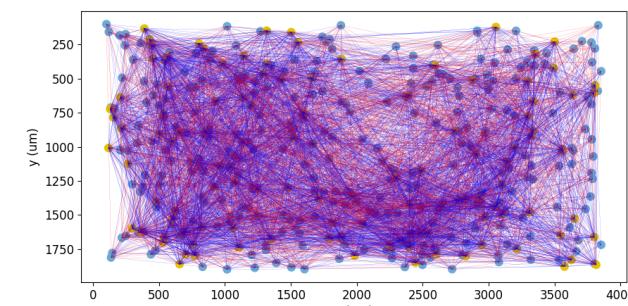
average_fitness: 387.60146359028164

average_scaled_fitness: 386.9884446094898

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0



```

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}

```

```

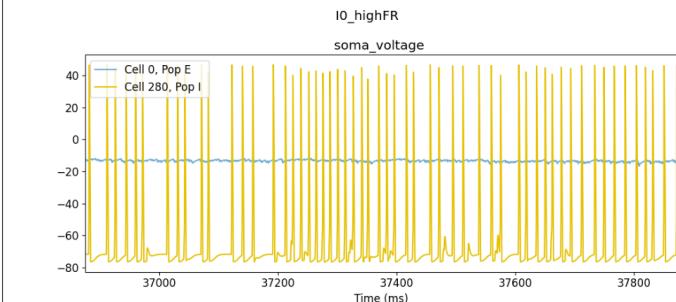
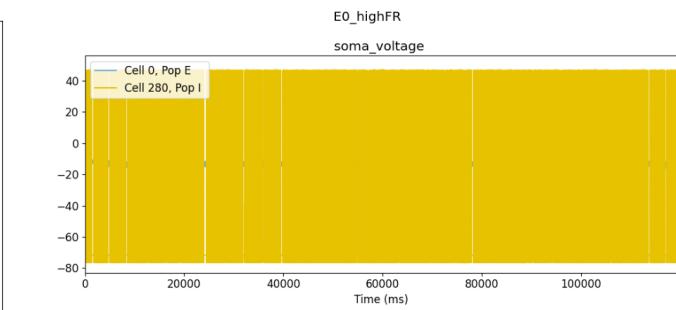
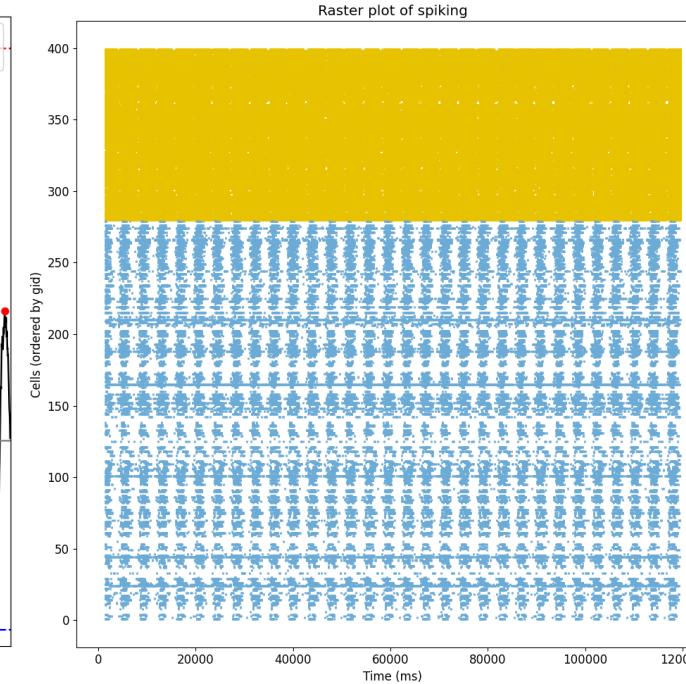
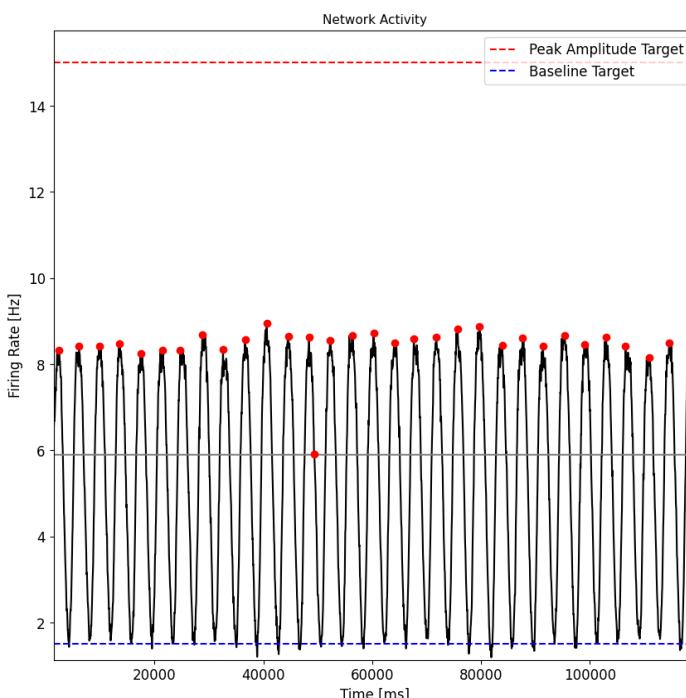
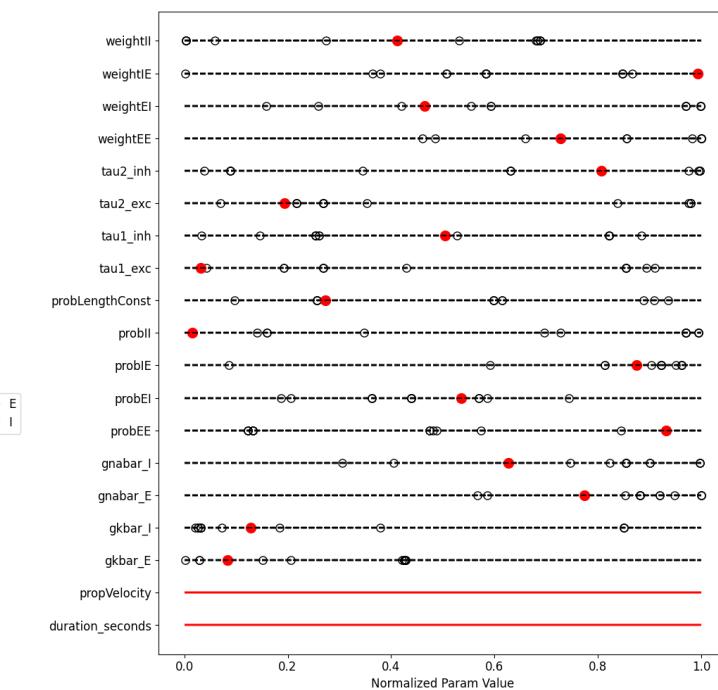
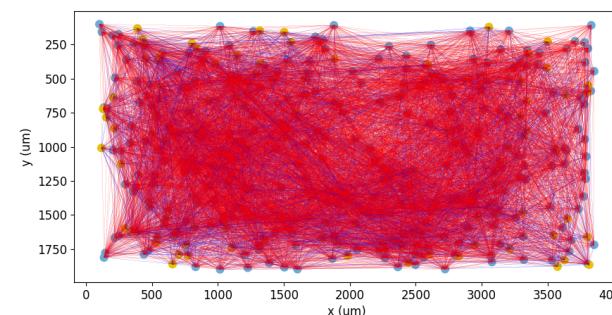
burstAmp_Fitness: {'Value': 2.5654409366753805, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.2676368502488186, 'Fit': 1.4831658611003622}
IBI_fitness: {'Value': 3745.4032258064517, 'Fit': 259.1922259089643}
baseline_fitness: {'Value': 5.362219609342263, 'Fit': 1000}
slopeFitness: {'Value': 5.2074152367643245e-06, 'Fit': 1.0000010414884708}
thresh: {'Value': 5.895259750490699, 'Fit': 0.40850147639984685}
sustain_oscillation_fitness: {'Value': 98.46259608774452, 'Fit': 1.3599946724867}
E_rate_fitness: {'Value': 0.8849206349206349, 'Fit': 1000}
I_rate_fitness: {'Value': 18.416666666666664, 'Fit': 3.1846211486585325}
maxFitness: 1000
average_fitness: 362.95872438694386
average_scaled_fitness: 362.6983857366052

```

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0



```
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}
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```
sustained_osc: {'target': 100, 'width': 5, 'min': 75}
```

```
burstAmp_Fitness: {'Value': 0.2559798019425953, 'Fit': 1000.0}
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burst_peak_frequency_fitness: {'Value': 3.5546654984667376, 'Fit': 1000}
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IBI_fitness: {'Value': 279.2294117647059, 'Fit': 3.907262247367317}
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baseline_fitness: {'Value': 5.294440498946599, 'Fit': 1000}
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slopeFitness: {'Value': -3.229952910038218e-06, 'Fit': 1.0000064599266854}
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```
thresh: {'Value': 5.28677227430165, 'Fit': 0.7506826591065061}
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sustain_oscillation_fitness: {'Value': 99.06880819948753, 'Fit': 1.2047093808087266}
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E_rate_fitness: {'Value': 4.833333333333333, 'Fit': 2.905677746882002}
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I_rate_fitness: {'Value': 16.97222222222222, 'Fit': 3.6795033277165095}
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maxFitness: 1000
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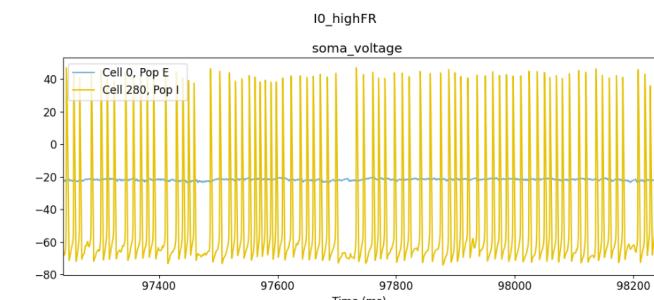
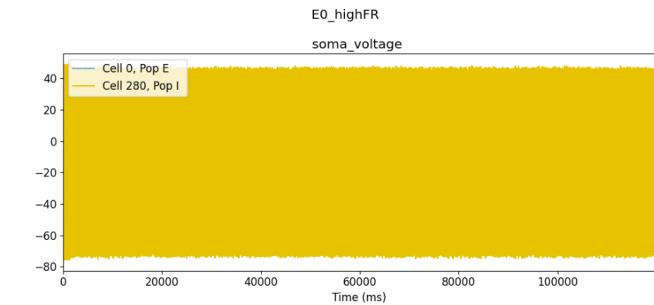
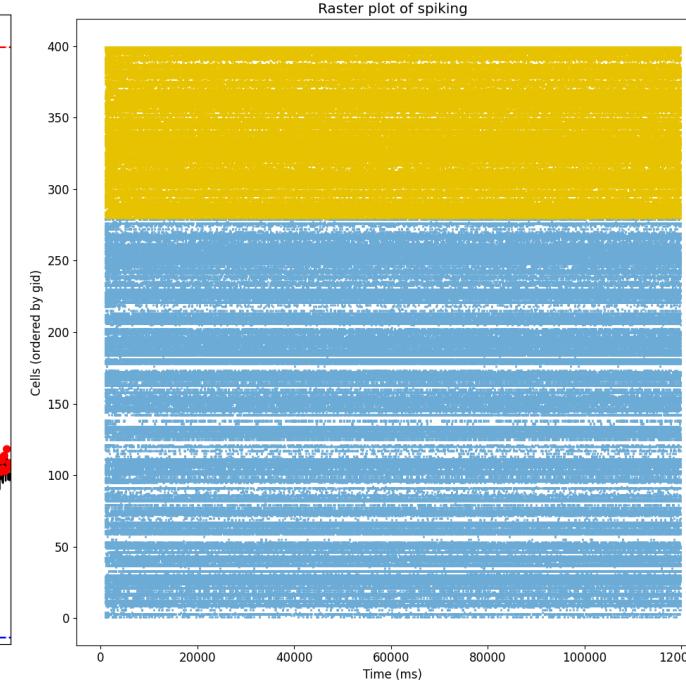
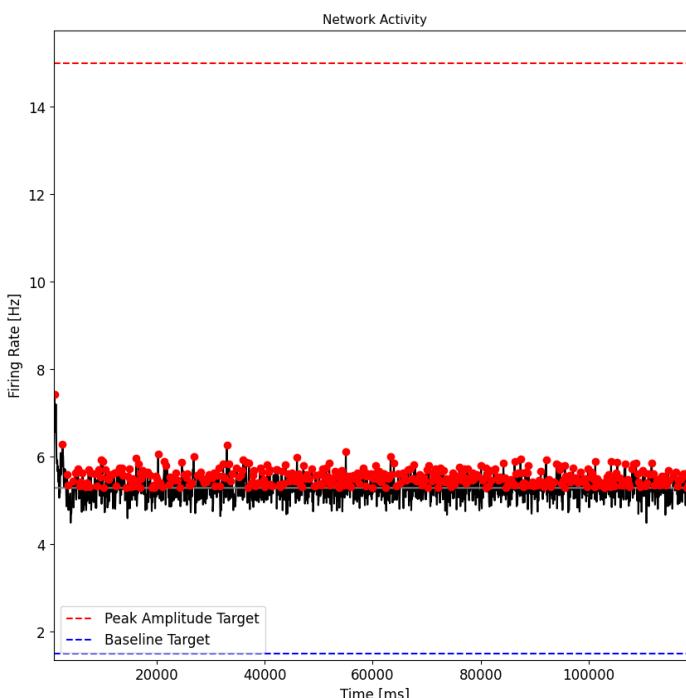
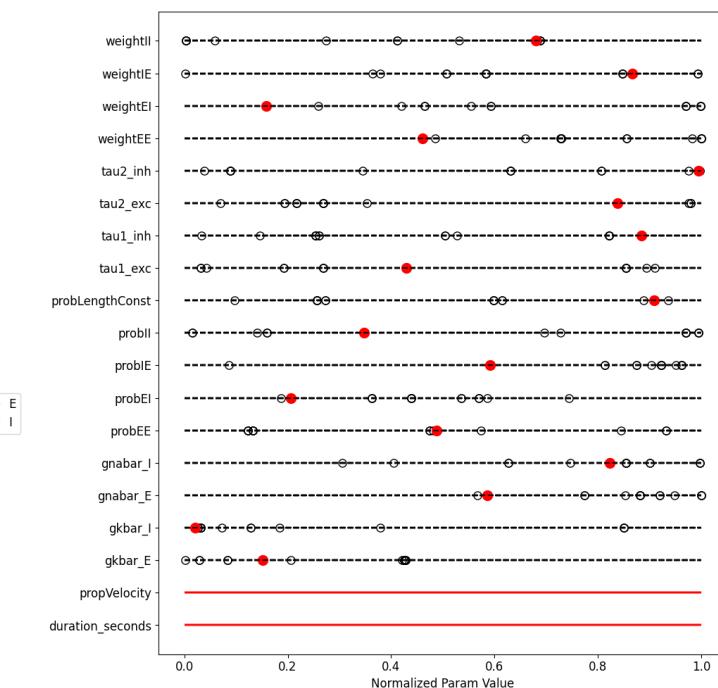
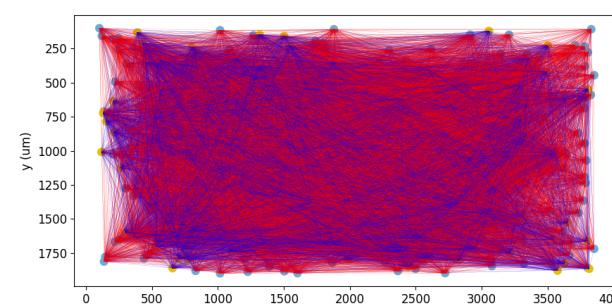
```
average_fitness: 334.8275379802009
```

```
average_scaled_fitness: 334.32782942510056
```

```
binSize: 7.5
```

```
gaussianSigma: 30.0
```

```
thresholdBurst: 1.0
```



Data Directory: /NERSC/output/240517_Run1_best_case/gen_0/gen_0_cand_5_data.json

SimLabel: gen_0_cand_5

Generation Rank: 13/15

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: {'Value': 0.26148552594647395, 'Fit': 1000.0}

burst_peak_frequency_fitness: {'Value': 2.0629750271444083, 'Fit': 1000}

IBI_fitness: {'Value': 478.1707317073171, 'Fit': 3.5825810928210533}

baseline_fitness: {'Value': 4.312166928116722, 'Fit': 1000}

slopeFitness: {'Value': -1.2161082588270713e-06, 'Fit': 1.0000024322194756}

thresh: {'Value': 4.325628792802516, 'Fit': 1.9627983943593459}

sustain_oscillation_fitness: {'Value': 98.96881444909693, 'Fit': 1.2290445884331858}

E_rate_fitness: {'Value': 0.36507936507936506, 'Fit': 1000}

I_rate_fitness: {'Value': 27.462962962962962, 'Fit': 1.2887898840204817}

maxFitness: 1000

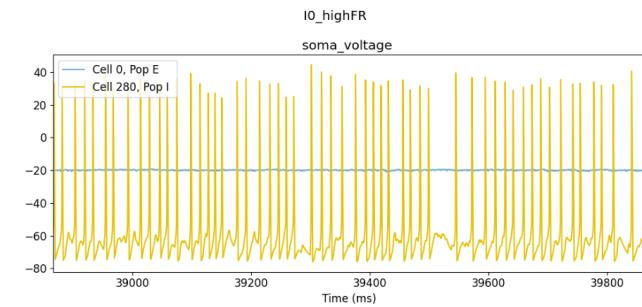
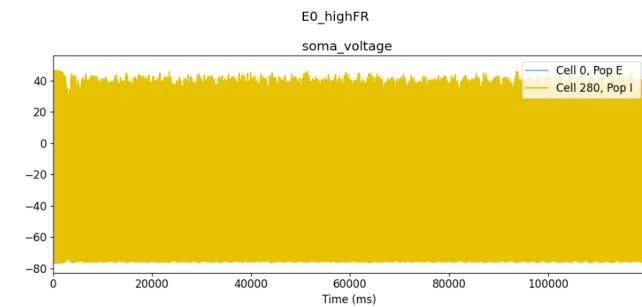
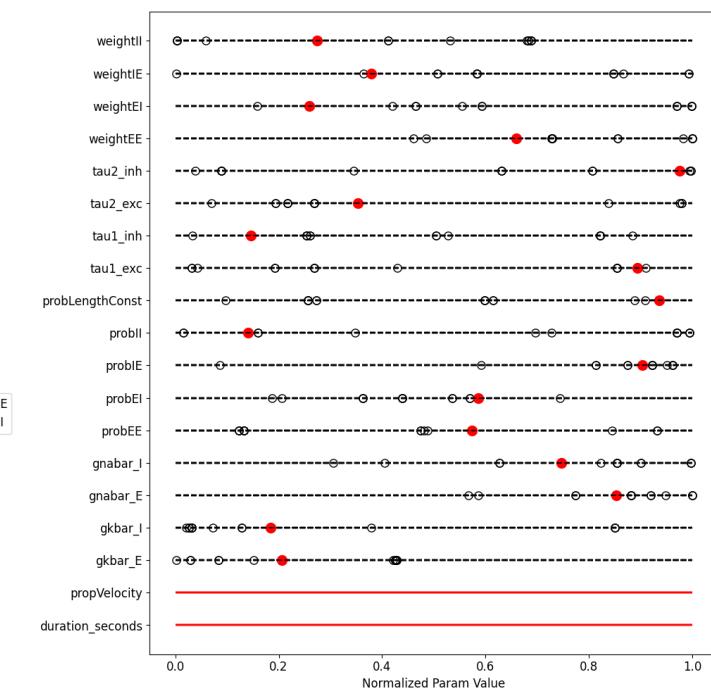
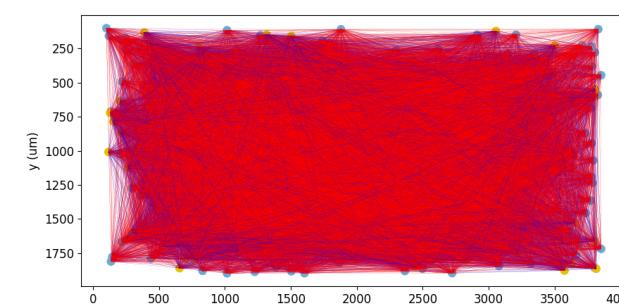
average_fitness: 445.4514684879837

average_scaled_fitness: 444.8963635013512

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0



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: {'Value': 1.393917143971066, 'Fit': 1000.0}

burst_peak_frequency_fitness: {'Value': 0.4187341666143249, 'Fit': 1.6693010396516217}

IBI_fitness: {'Value': 2410.8673469387754, 'Fit': 1.52392779830759}

baseline_fitness: {'Value': 4.8028612477446275, 'Fit': 1000}

slopeFitness: {'Value': 2.2411581430136514e-07, 'Fit': 1.000000448231729}

thresh: {'Value': 4.936257815439203, 'Fit': 1.0658175791093847}

sustain_oscillation_fitness: {'Value': 99.40628710705582, 'Fit': 1.1260800038711851}

E_rate_fitness: {'Value': 0.5793650793650794, 'Fit': 1000}

I_rate_fitness: {'Value': 47.78703703703704, 'Fit': 5.9221745477442305}

maxFitness: 1000

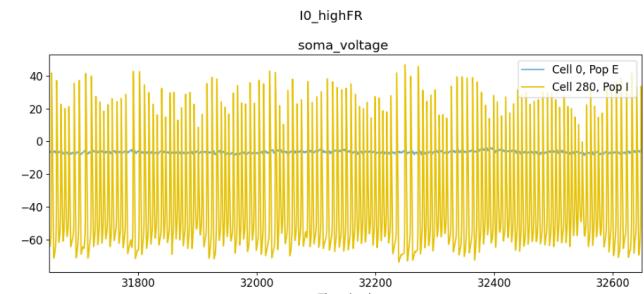
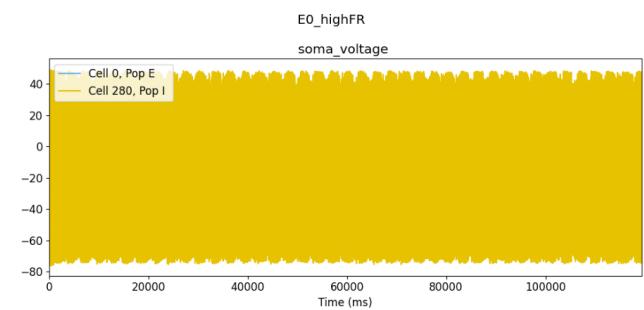
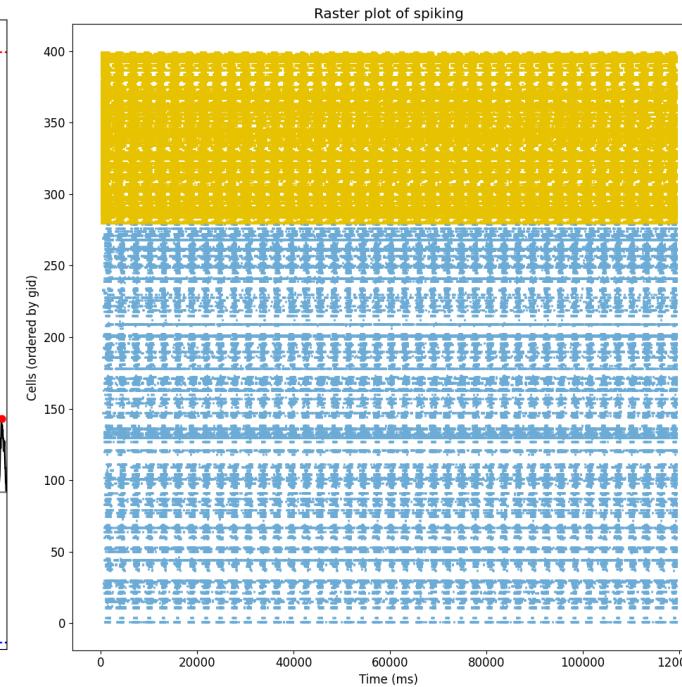
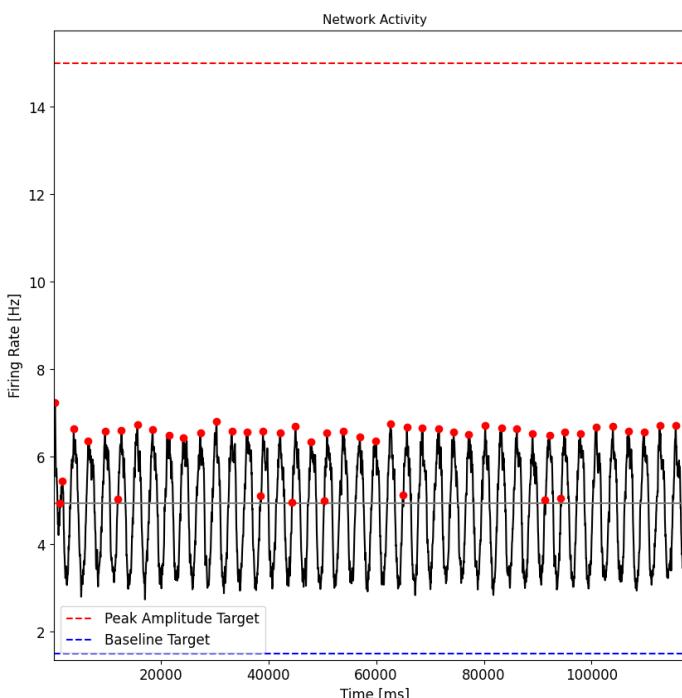
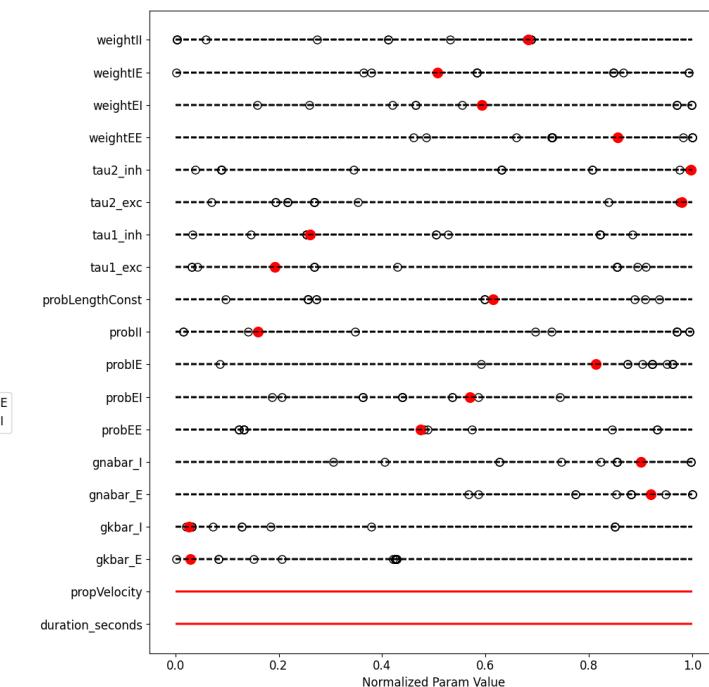
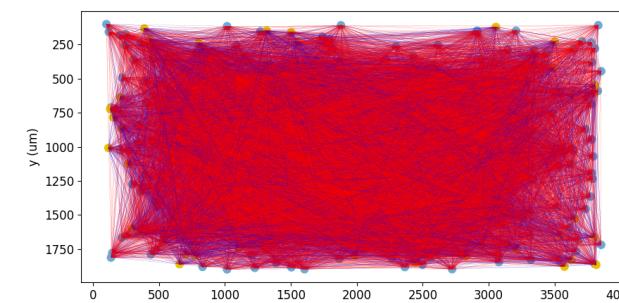
average_fitness: 334.7008112685462

average_scaled_fitness: 334.0348458158553

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0



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: {'Value': 0.5820462167121544, 'Fit': 1000.0}

burst_peak_frequency_fitness: {'Value': 1.35901283975321, 'Fit': 470.6322664896735}

IBI_fitness: {'Value': 728.0092592592592, 'Fit': 3.239897223055735}

baseline_fitness: {'Value': 7.56589079840476, 'Fit': 1000}

slopeFitness: {'Value': 6.056457130050503e-06, 'Fit': 1.0000121129876218}

thresh: {'Value': 7.568579982282897, 'Fit': 1000}

sustain_oscillation_fitness: {'Value': 98.76882694831573, 'Fit': 1.2791996518008426}

E_rate_fitness: {'Value': 1.6666666666666665, 'Fit': 10.312258501325767}

I_rate_fitness: {'Value': 23.324074074074073, 'Fit': 1.949538333691855}

maxFitness: 1000

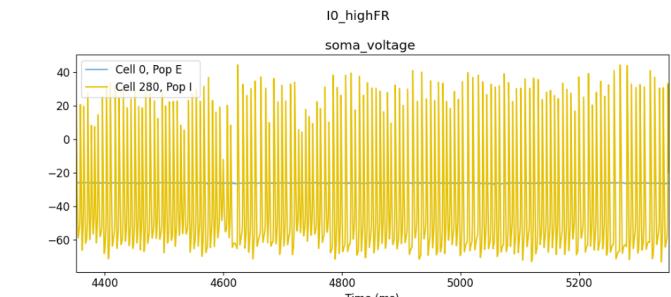
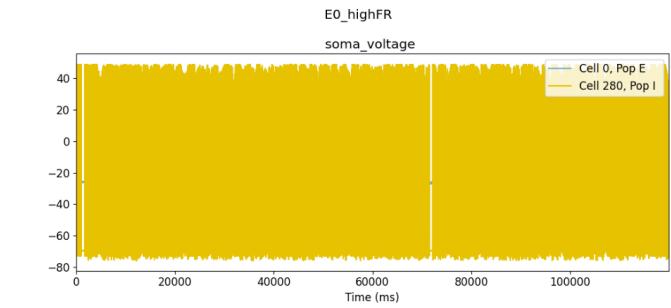
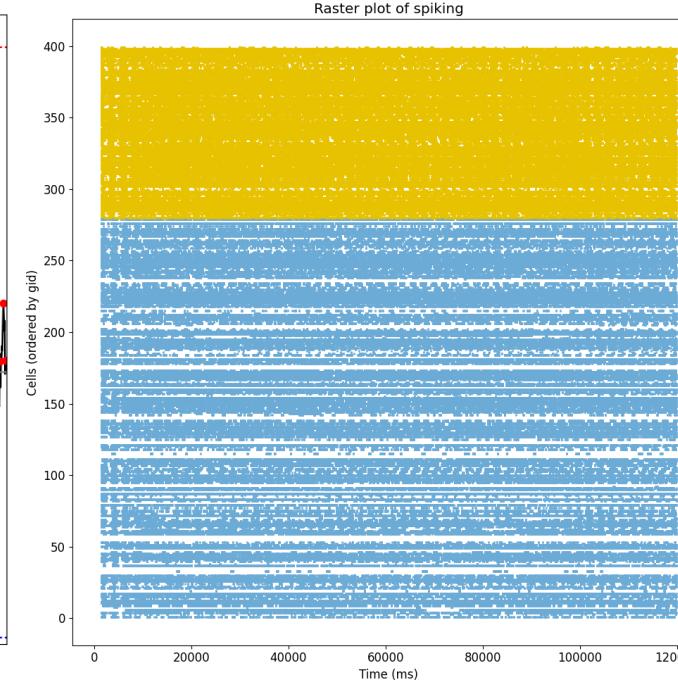
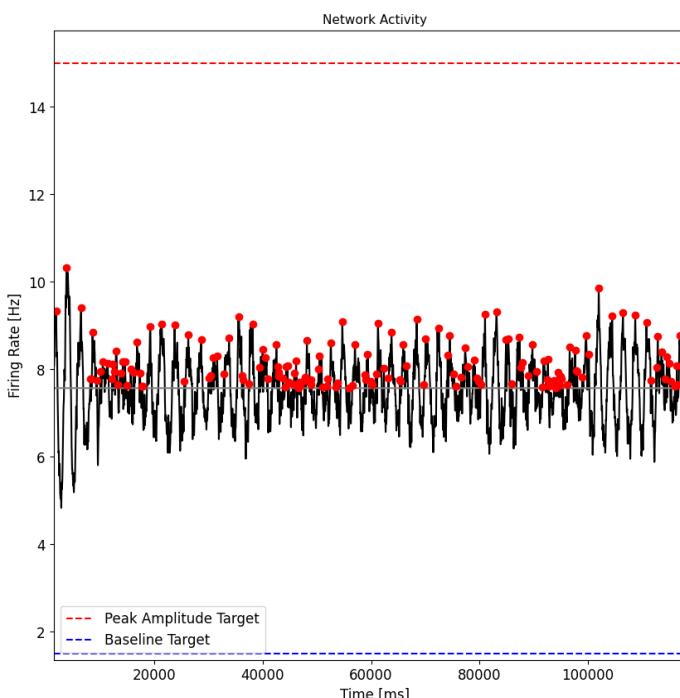
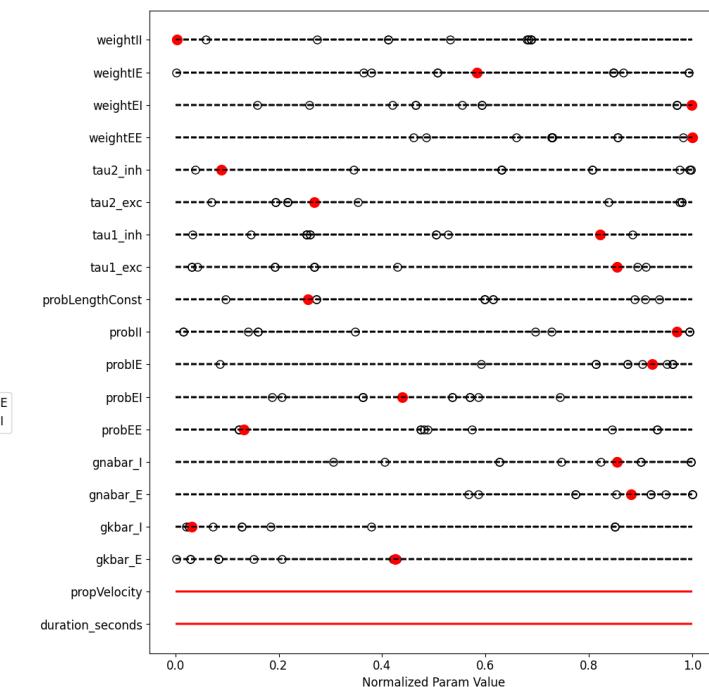
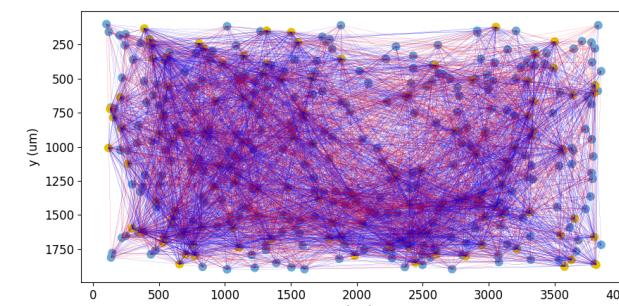
average_fitness: 387.60146359028164

average_scaled_fitness: 386.9884446094898

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0



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: {'Value': 3.0768802328454217, 'Fit': 1000.0}

burst_peak_frequency_fitness: {'Value': 0.33337500520898444, 'Fit': 1.000250062514326}

IBI_fitness: {'Value': 3019.0384615384614, 'Fit': 1.2360163053458126}

baseline_fitness: {'Value': 4.207737229253988, 'Fit': 1000}

slopeFitness: {'Value': -7.0509503686568455e-06, 'Fit': 1.0000141020001696}

thresh: {'Value': 4.7280474946864, 'Fit': 1.3125246618835151}

sustain_oscillation_fitness: {'Value': 98.87507030810573, 'Fit': 1.2523051066280855}

E_rate_fitness: {'Value': 2.4563492063492065, 'Fit': 7.519204271932153}

I_rate_fitness: {'Value': 15.435185185185185, 'Fit': 4.290835552601959}

maxFitness: 1000

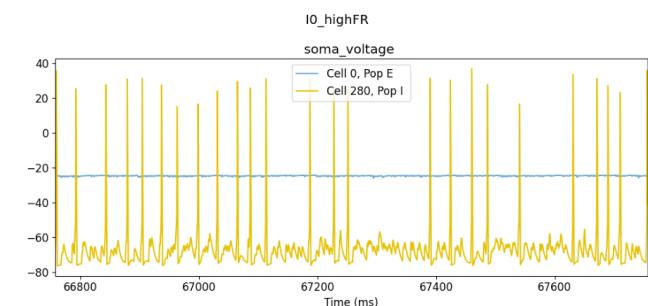
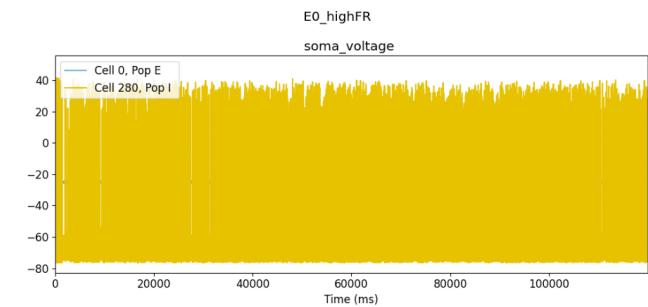
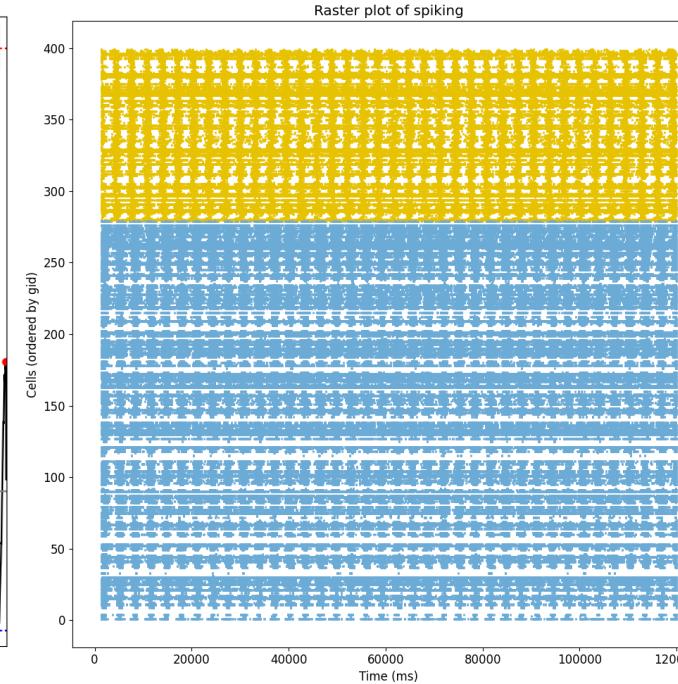
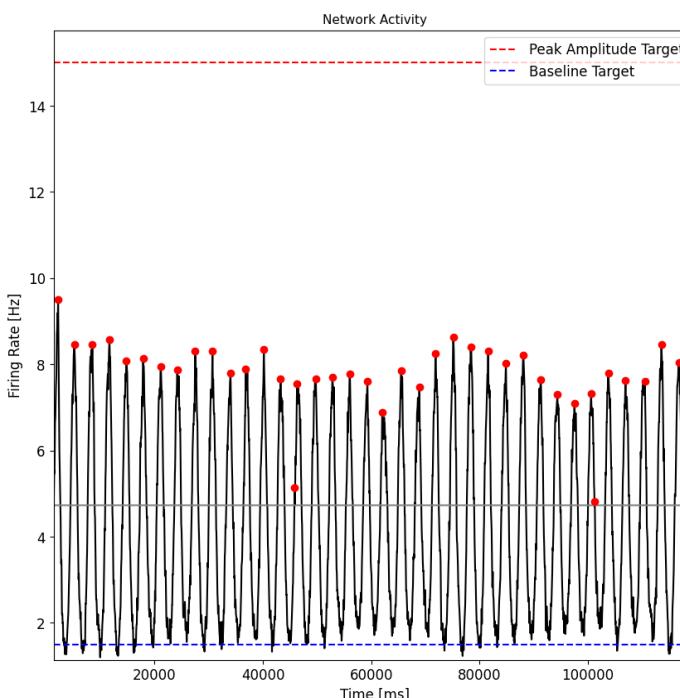
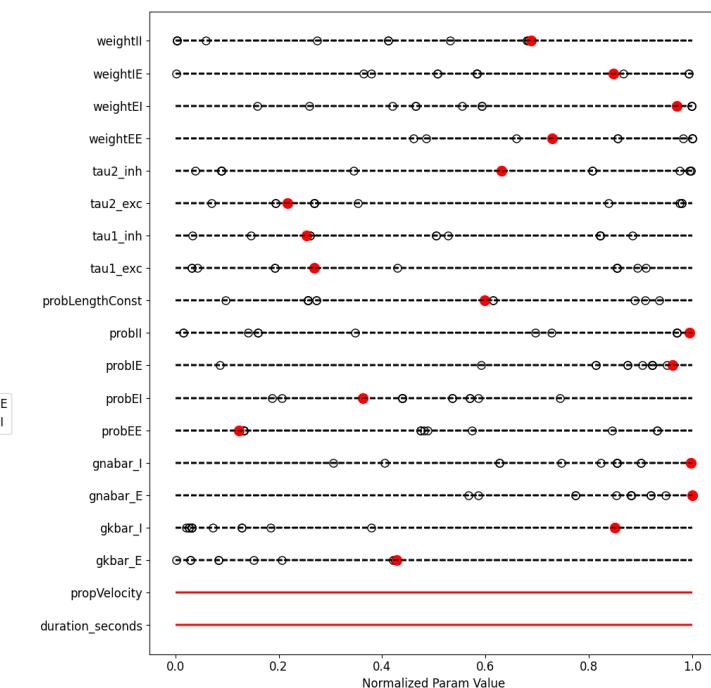
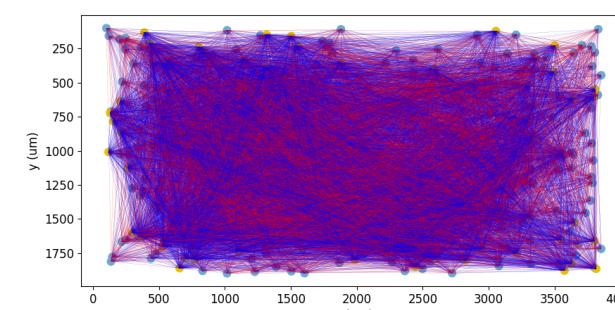
average_fitness: 224.1790166736562

average_scaled_fitness: 223.40240813020708

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0



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: {'Value': 0.5820462167121544, 'Fit': 1000.0}

burst_peak_frequency_fitness: {'Value': 1.35901283975321, 'Fit': 470.6322664896735}

IBI_fitness: {'Value': 728.0092592592592, 'Fit': 3.239897223055735}

baseline_fitness: {'Value': 7.56589079840476, 'Fit': 1000}

slopeFitness: {'Value': 6.056457130050503e-06, 'Fit': 1.0000121129876218}

thresh: {'Value': 7.568579982282897, 'Fit': 1000}

sustain_oscillation_fitness: {'Value': 98.76882694831573, 'Fit': 1.2791996518008426}

E_rate_fitness: {'Value': 1.6666666666666665, 'Fit': 10.312258501325767}

I_rate_fitness: {'Value': 23.324074074074073, 'Fit': 1.949538333691855}

maxFitness: 1000

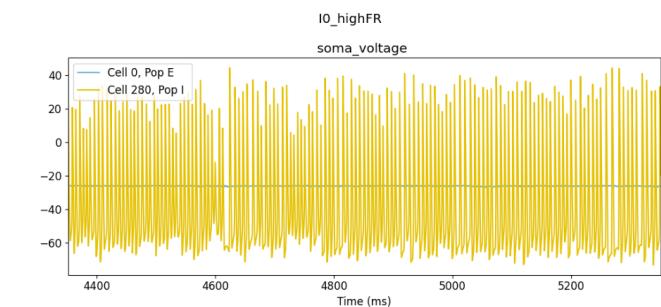
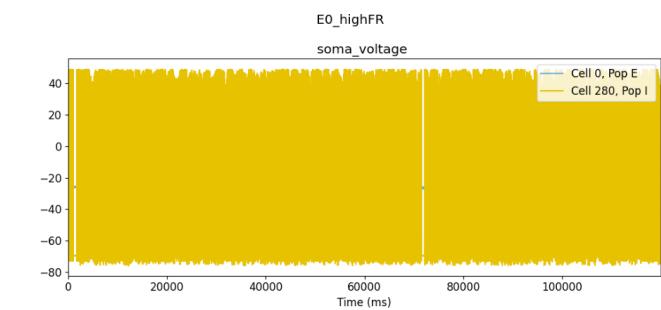
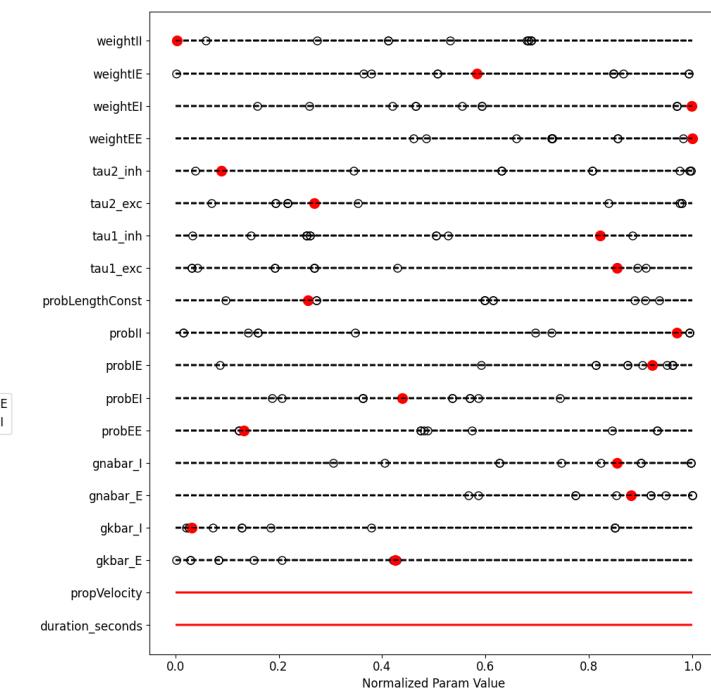
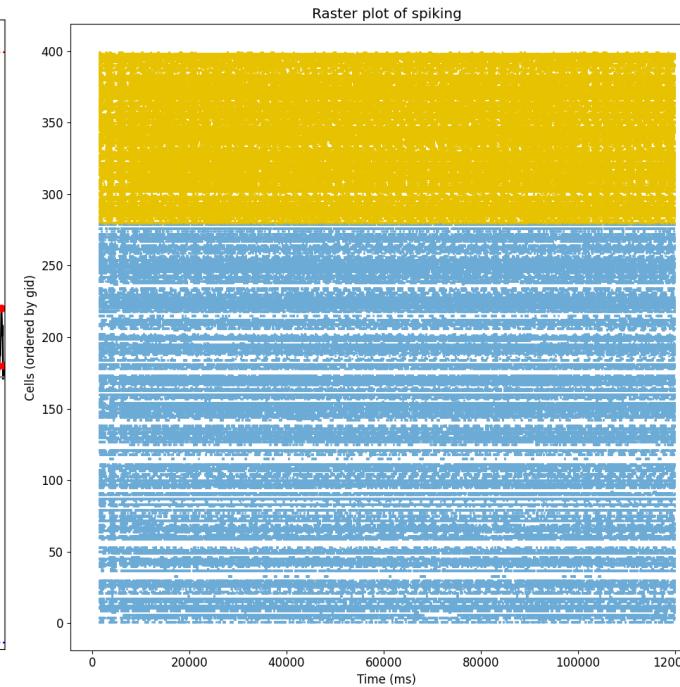
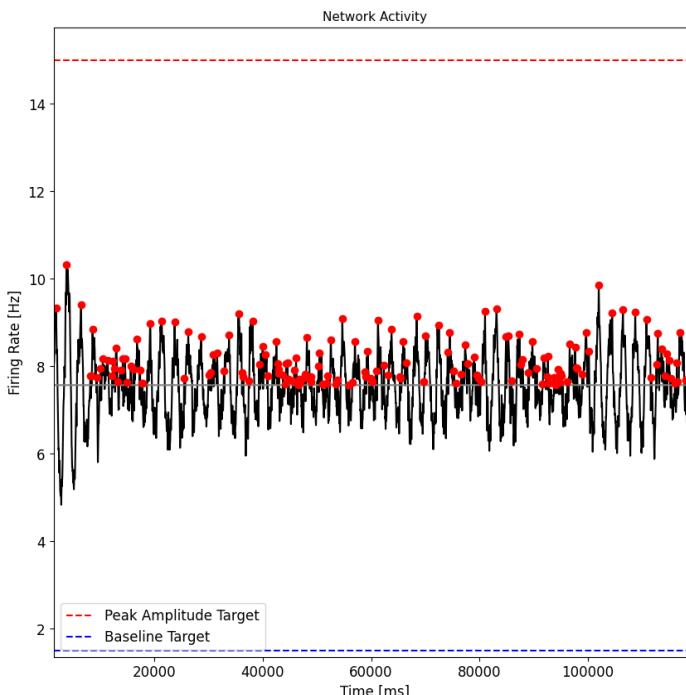
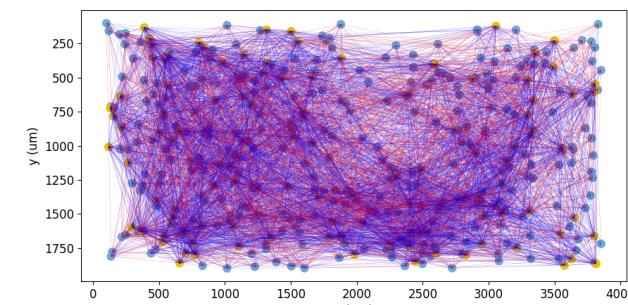
average_fitness: 387.60146359028164

average_scaled_fitness: 386.9884446094898

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0



```

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}

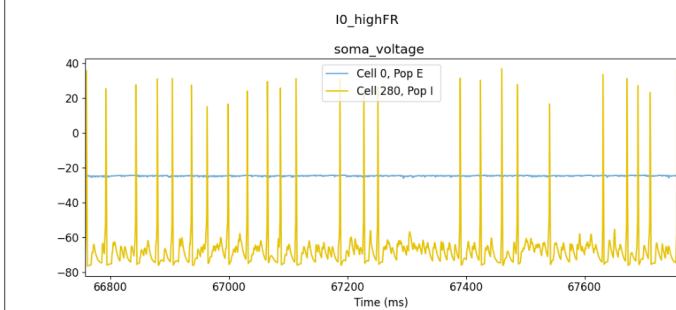
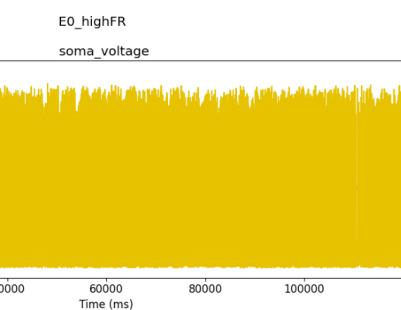
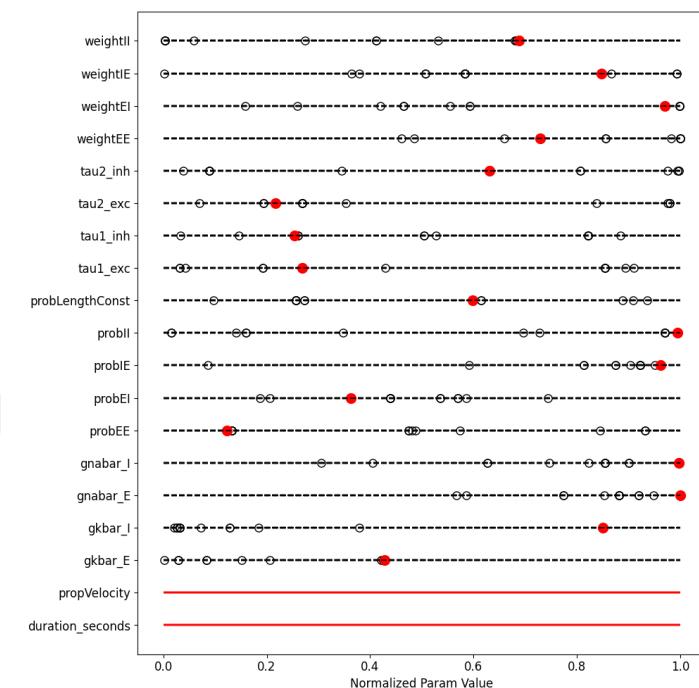
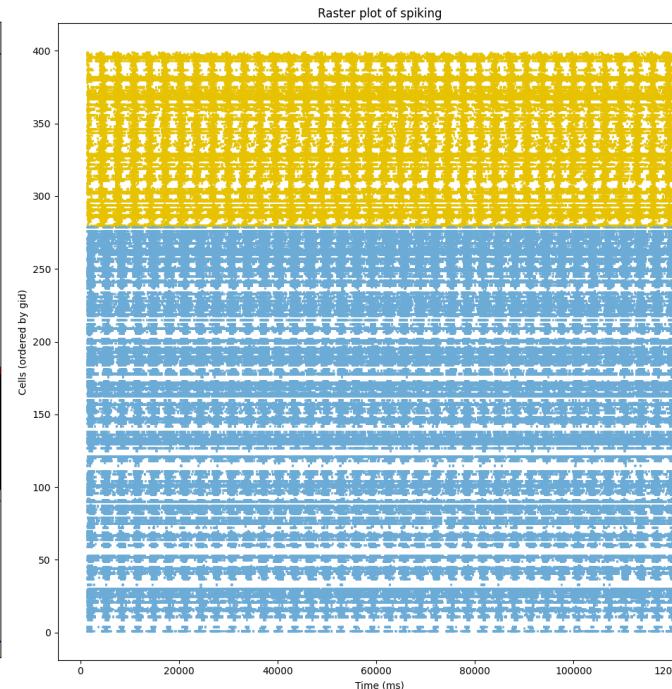
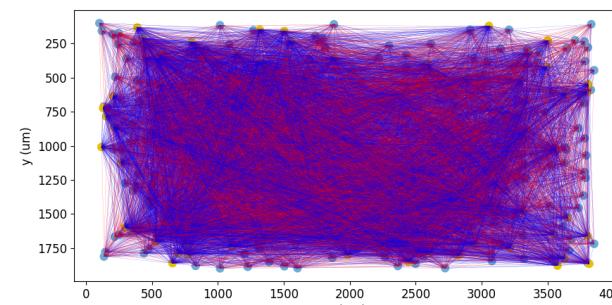
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burstAmp_Fitness: {'Value': 3.0768802328454217, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.33337500520898444, 'Fit': 1.000250062514326}
IBI_fitness: {'Value': 3019.0384615384614, 'Fit': 1.2360163053458126}
baseline_fitness: {'Value': 4.207737229253988, 'Fit': 1000}
slopeFitness: {'Value': -0.0509503686568455e-06, 'Fit': 1.0000141020001696}
thresh: {'Value': 4.7280474946864, 'Fit': 1.3125246618835151}
sustain_oscillation_fitness: {'Value': 98.87507030810573, 'Fit': 1.2523051066280855}
E_rate_fitness: {'Value': 2.4563492063492065, 'Fit': 7.519204271932153}
I_rate_fitness: {'Value': 15.435185185185185, 'Fit': 4.290835552601959}
maxFitness: 1000
average_fitness: 224.1790166736562
average_scaled_fitness: 223.40240813020708

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

```



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: {'Value': 0.5820462167121544, 'Fit': 1000.0}

burst_peak_frequency_fitness: {'Value': 1.35901283975321, 'Fit': 470.6322664896735}

IBI_fitness: {'Value': 728.0092592592592, 'Fit': 3.239897223055735}

baseline_fitness: {'Value': 7.56589079840476, 'Fit': 1000}

slopeFitness: {'Value': 6.056457130050503e-06, 'Fit': 1.0000121129876218}

thresh: {'Value': 7.568579982282897, 'Fit': 1000}

sustain_oscillation_fitness: {'Value': 98.76882694831573, 'Fit': 1.2791996518008426}

E_rate_fitness: {'Value': 1.6666666666666665, 'Fit': 10.312258501325767}

I_rate_fitness: {'Value': 23.324074074074073, 'Fit': 1.949538333691855}

maxFitness: 1000

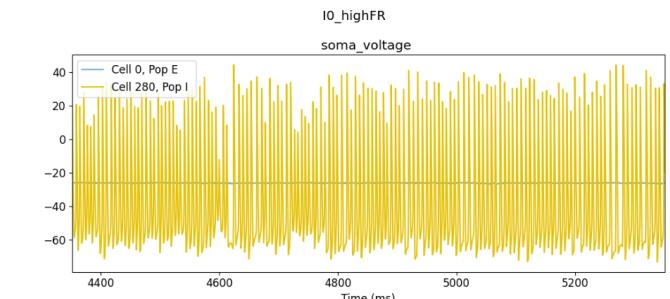
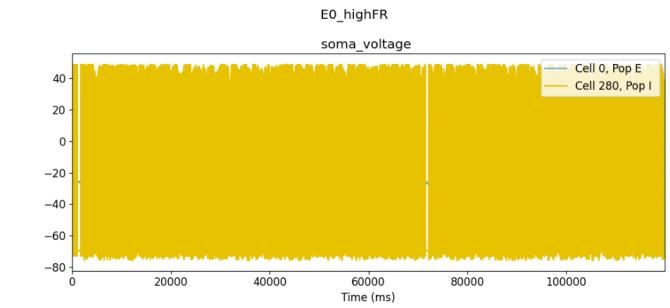
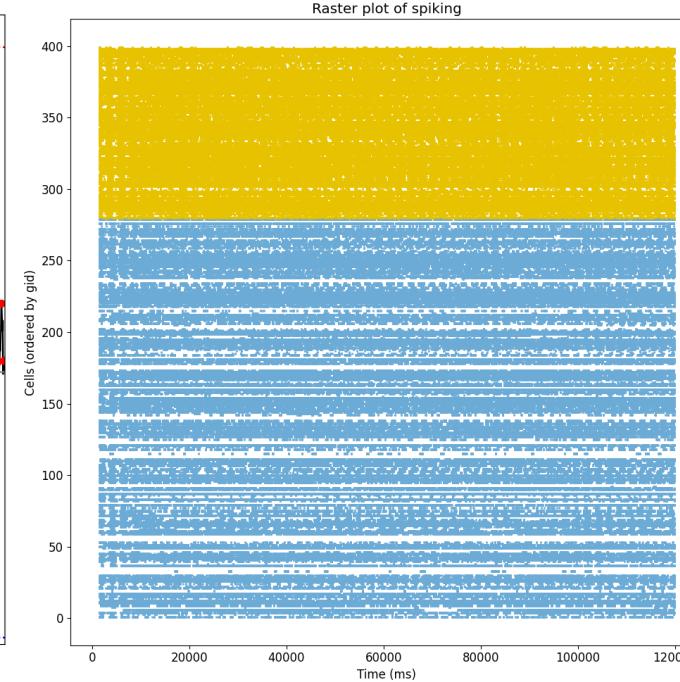
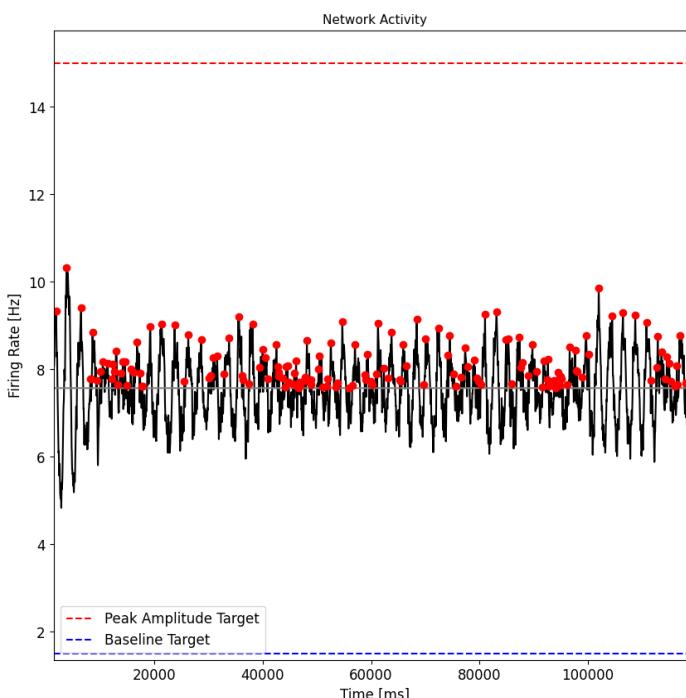
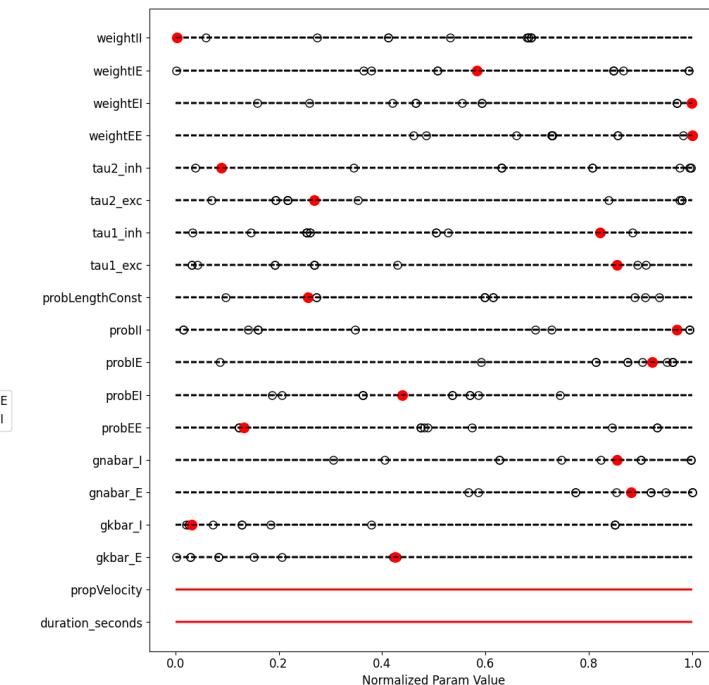
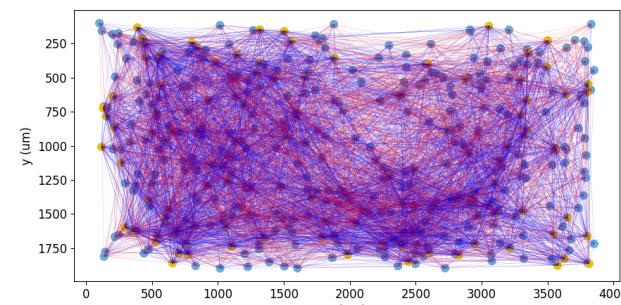
average_fitness: 387.60146359028164

average_scaled_fitness: 386.9884446094898

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0



```

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}

```

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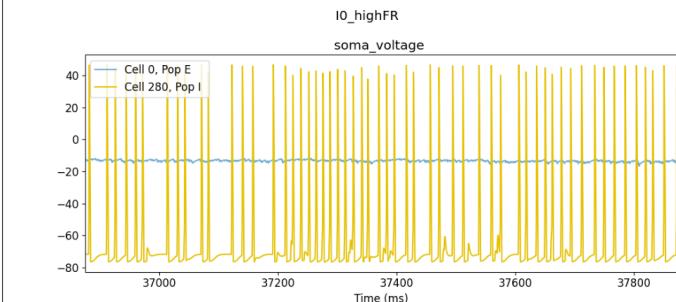
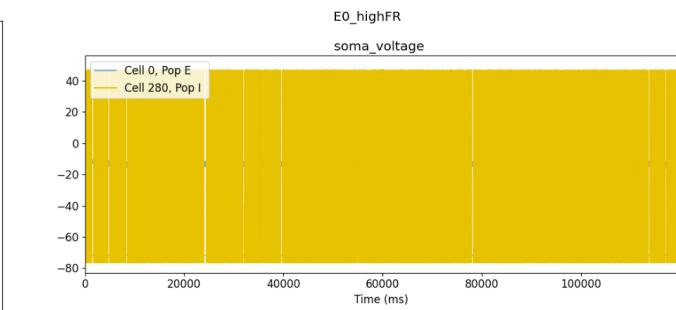
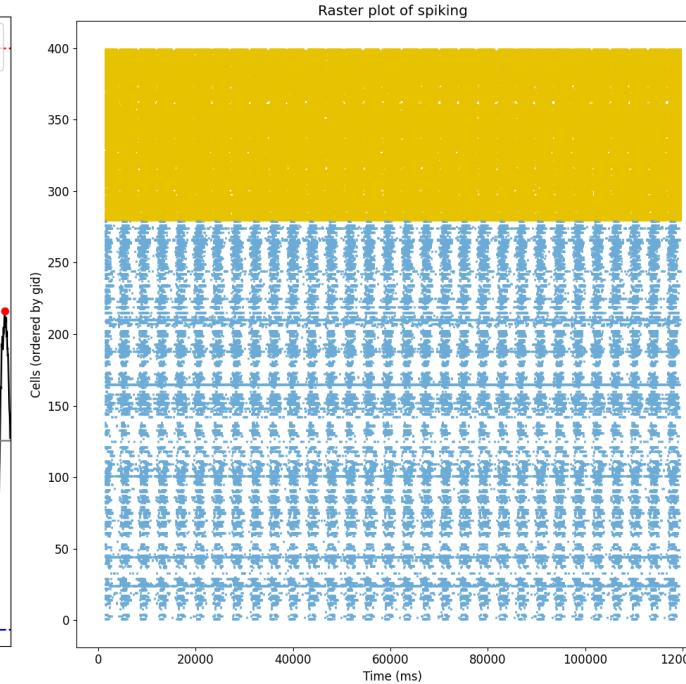
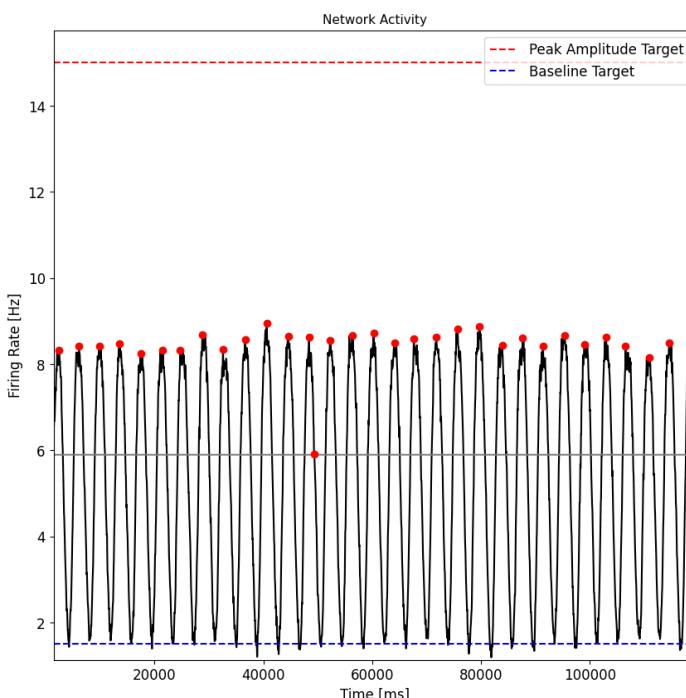
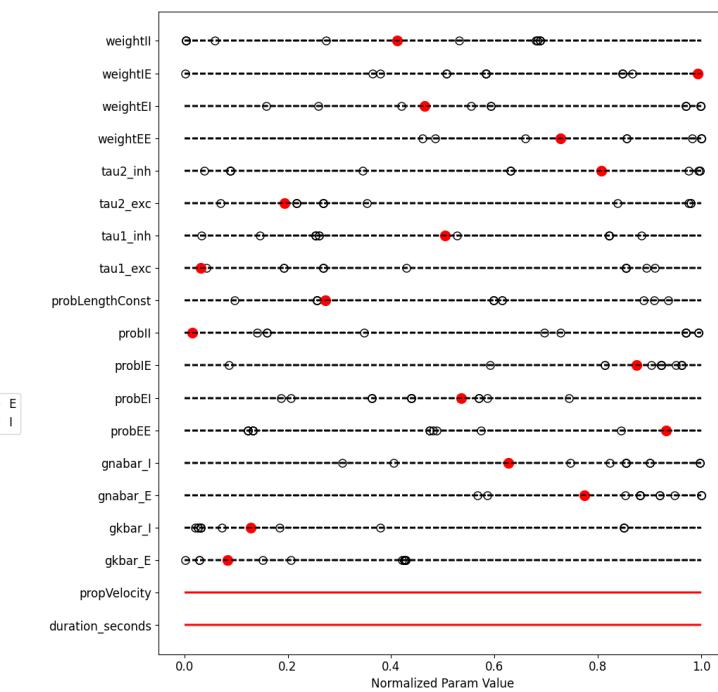
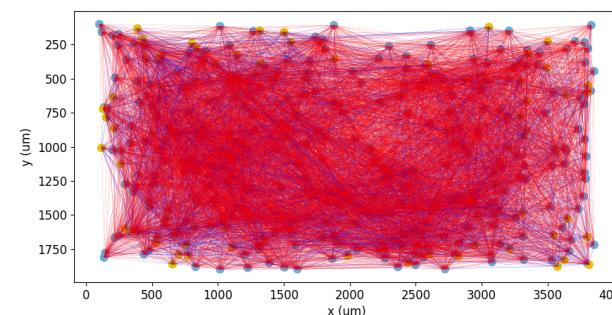
burstAmp_Fitness: {'Value': 2.5654409366753805, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.2676368502488186, 'Fit': 1.4831658611003622}
IBI_fitness: {'Value': 3745.4032258064517, 'Fit': 259.1922259089643}
baseline_fitness: {'Value': 5.362219609342263, 'Fit': 1000}
slopeFitness: {'Value': 5.2074152367643245e-06, 'Fit': 1.0000010414884708}
thresh: {'Value': 5.895259750490699, 'Fit': 0.40850147639984685}
sustain_oscillation_fitness: {'Value': 98.46259608774452, 'Fit': 1.3599946724867}
E_rate_fitness: {'Value': 0.8849206349206349, 'Fit': 1000}
I_rate_fitness: {'Value': 18.416666666666664, 'Fit': 3.1846211486585325}
maxFitness: 1000
average_fitness: 362.95872438694386
average_scaled_fitness: 362.6983857366052

```

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0



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: {'Value': 1.393917143971066, 'Fit': 1000.0}

burst_peak_frequency_fitness: {'Value': 0.4187341666143249, 'Fit': 1.6693010396516217}

IBI_fitness: {'Value': 2410.8673469387754, 'Fit': 1.52392779830759}

baseline_fitness: {'Value': 4.8028612477446275, 'Fit': 1000}

slopeFitness: {'Value': 2.2411581430136514e-07, 'Fit': 1.000000448231729}

thresh: {'Value': 4.936257815439203, 'Fit': 1.0658175791093847}

sustain_oscillation_fitness: {'Value': 99.40628710705582, 'Fit': 1.1260800038711851}

E_rate_fitness: {'Value': 0.5793650793650794, 'Fit': 1000}

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maxFitness: 1000

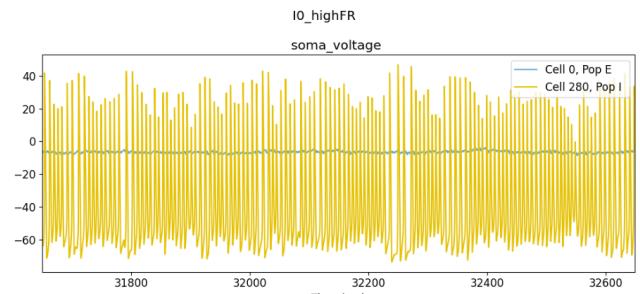
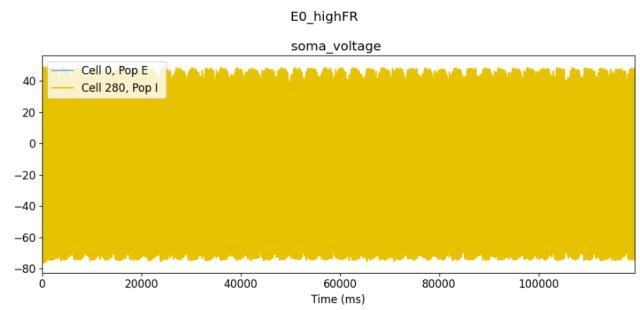
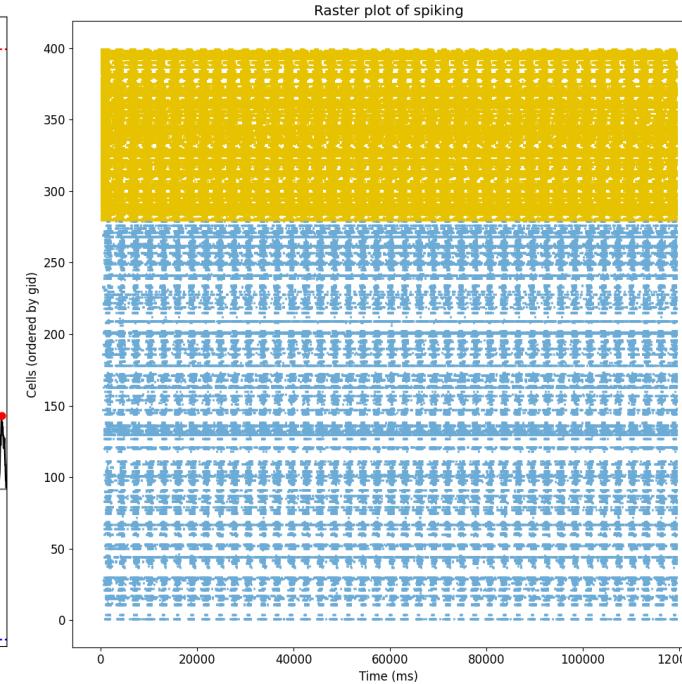
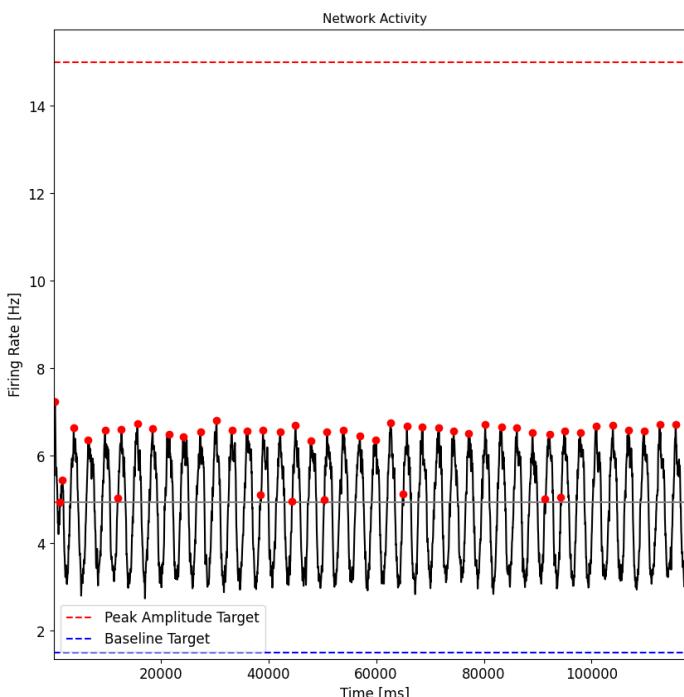
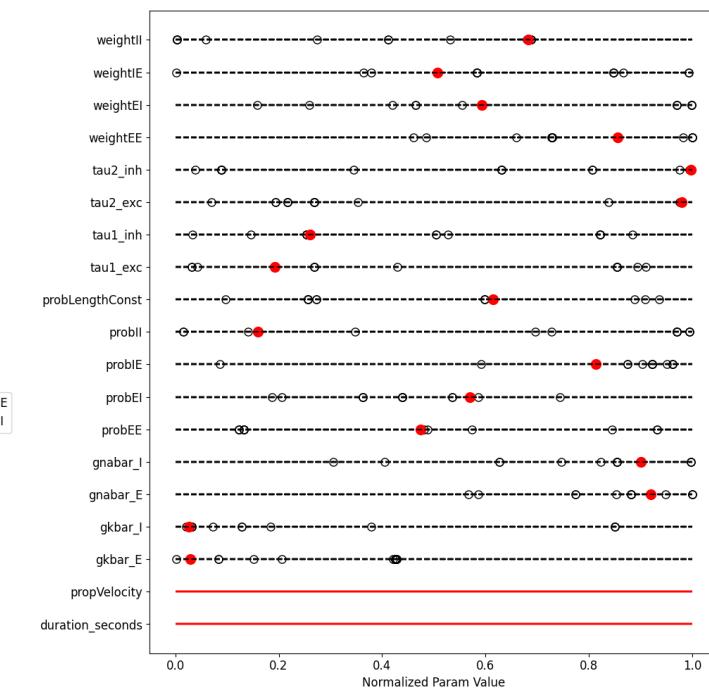
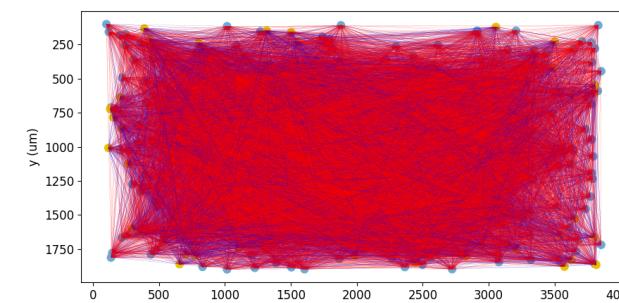
average_fitness: 334.7008112685462

average_scaled_fitness: 334.0348458158553

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0



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: {'Value': 0.3852538311664804, 'Fit': 995.7835828698302}

burst_peak_frequency_fitness: {'Value': 1.955377287540737, 'Fit': 1000}

IBI_fitness: {'Value': 510.9656652360515, 'Fit': 3.5261541995559287}

baseline_fitness: {'Value': 12.480671911561256, 'Fit': 1000}

slopeFitness: {'Value': -3.575621791842341e-05, 'Fit': 1.000071514992912}

thresh: {'Value': 12.558774713624832, 'Fit': 1000}

sustain_oscillation_fitness: {'Value': 99.68126992062996, 'Fit': 1.0658216625981787}

E_rate_fitness: {'Value': 81.55555555555556, 'Fit': 1000}

I_rate_fitness: {'Value': 35.81481481481482, 'Fit': 1.7886863745660018}

maxFitness: 1000

average_fitness: 555.9071462912826

average_scaled_fitness: 555.4625770772692

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0

