Data Directory: /NERSC/output/240505_Run18_debug_node_run/gen_0/gen_0_cand_0_data.json
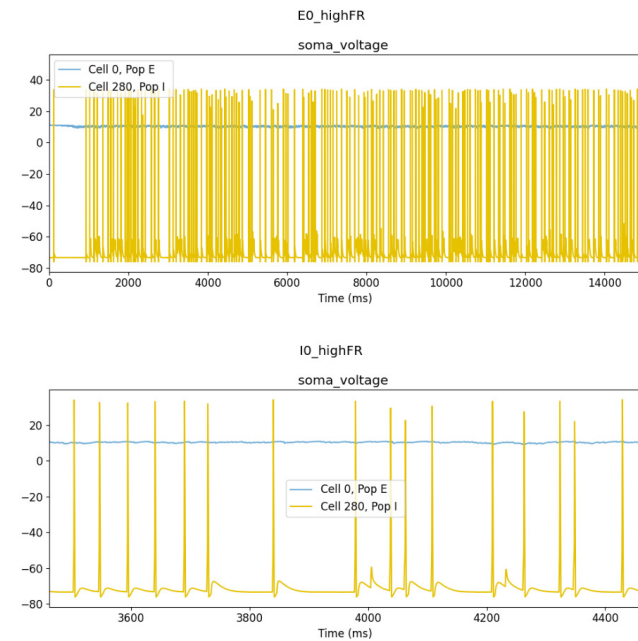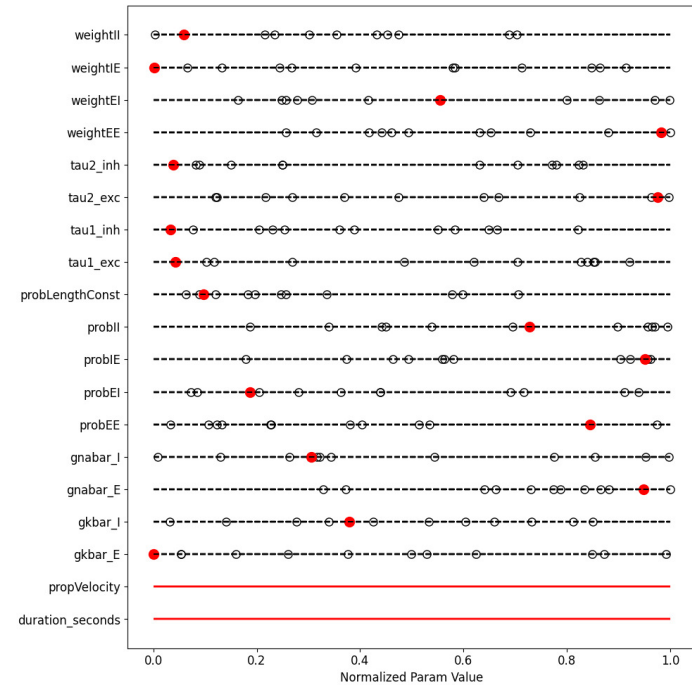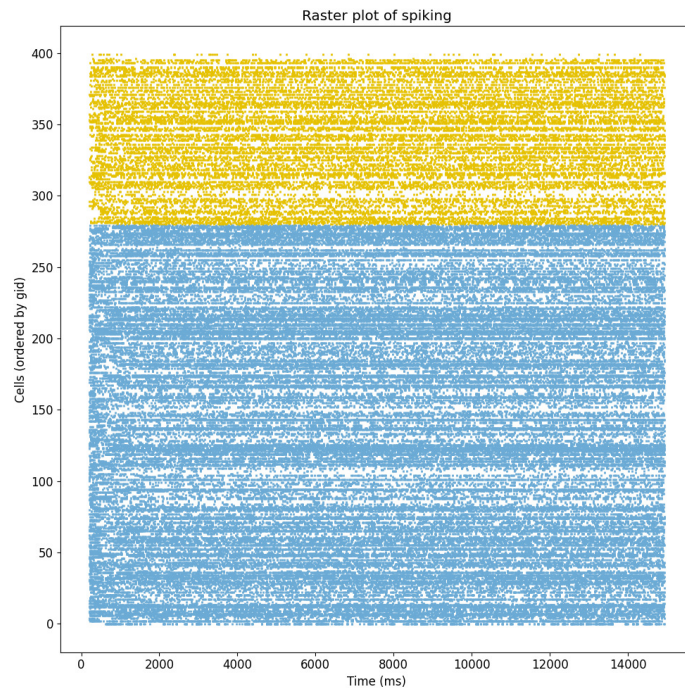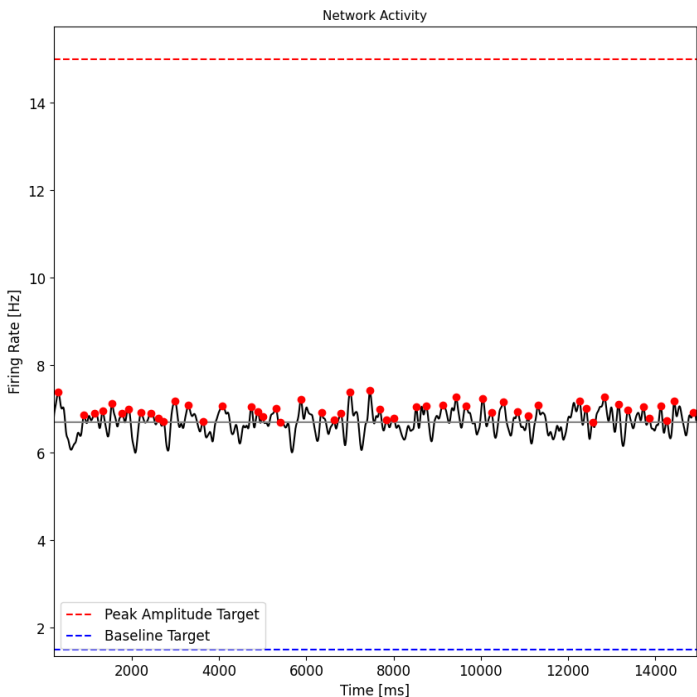SimLabel: gen_0_cand_0
Generation Rank: 2/12

rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
burts_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': 0.16666666666666666, 'min': 0.25}
sustained_osci: {'target': 100, 'width': 5, 'min': 75}

burstAmp_Fitness: {'Value': 0.30033452687968537, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 3.4805890227576977, 'Fit': 1000}
IBI_fitness: {'Value': 285.5882352941176, 'Fit': 3.8967852253300825}
baseline_fitness: {'Value': 6.7214472326517, 'Fit': 1000}
slopeFitness: {'Value': 3.881435318229747e-05, 'Fit': 1.0000776317195506}
thresh: {'Value': 6.698072459051234, 'Fit': 0.1830359936166391}
sustain_oscillation_fitness: {'Value': 98.25087456271864, 'Fit': 1.4188193575851051}
E_rate_fitness: {'Value': 19.46825396825397, 'Fit': 119.97718351175384}
I_rate_fitness: {'Value': 8.916666666666666, 'Fit': 8.234505665347891}
maxFitness: 1000
average_fitness: 348.3011563761504
average_scaled_fitness: 348.18185019344315

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highFR
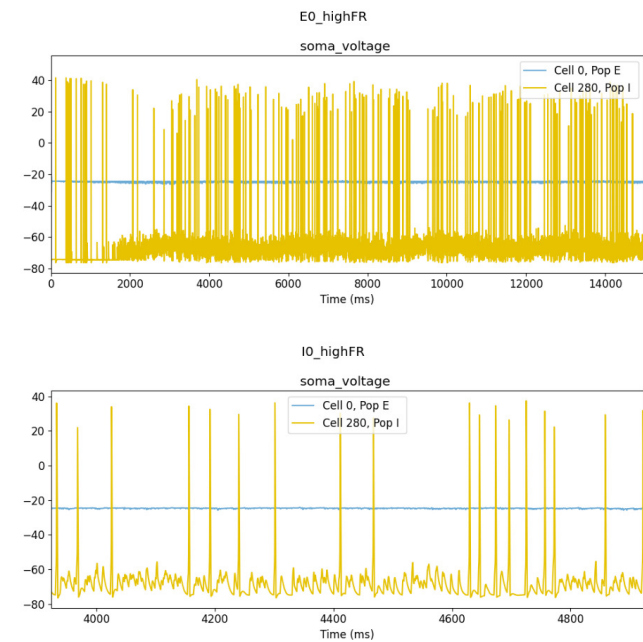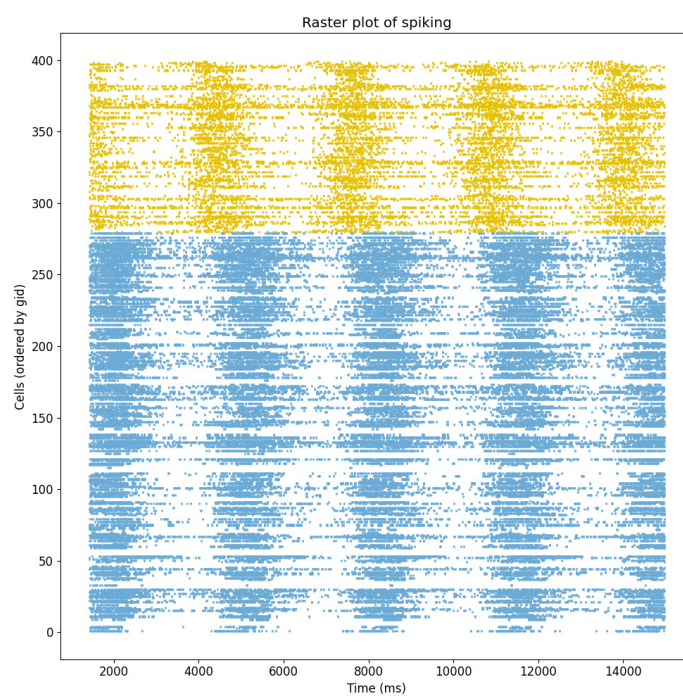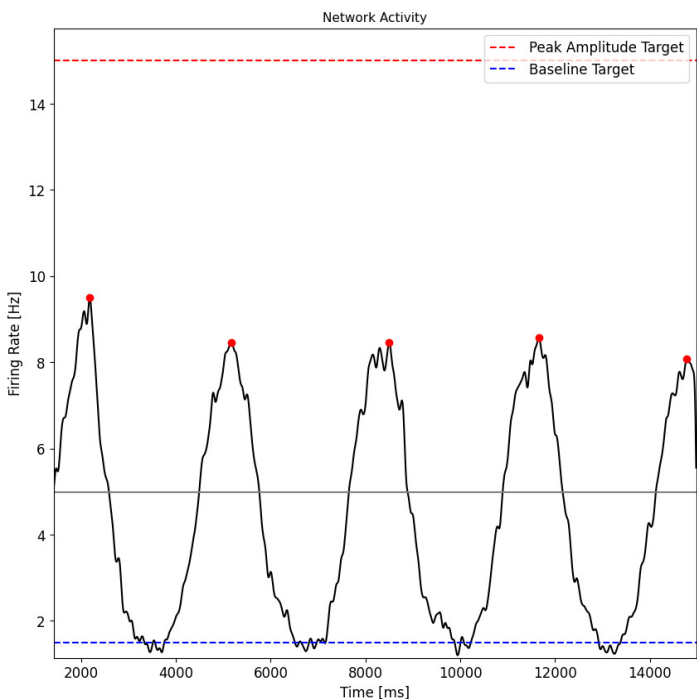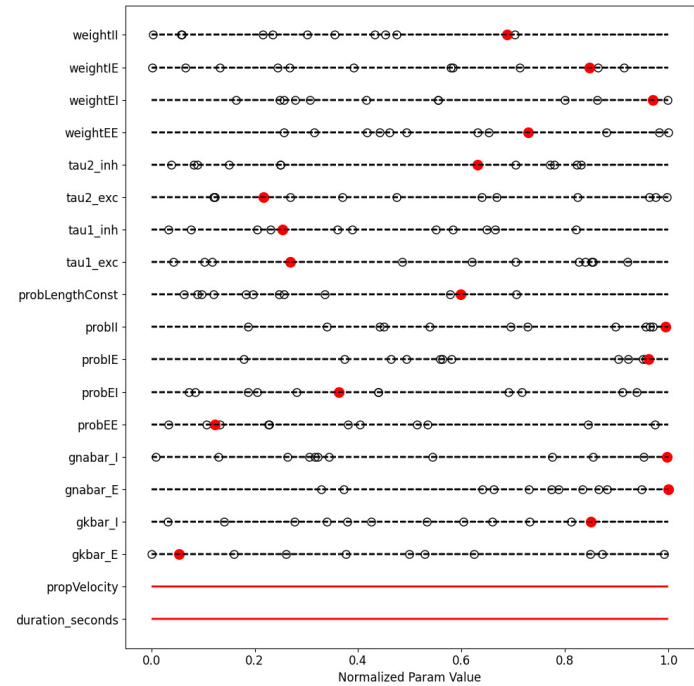soma_voltage

I0_highFR
soma_voltage

Data Directory: /NERSC/output/240505_Run18_debug_node_run/gen_0/gen_0_cand_1_data.json
SimLabel: gen_0_cand_1
Generation Rank: 0/12

rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
burts_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': 0.16666666666666666, 'min': 0.25}
sustained_osci: {'target': 100, 'width': 5, 'min': 75}

burstAmp_Fitness: {'Value': 3.6325575854330294, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.3338340844600234, 'Fit': 1.0030090248142844}
IBI_fitness: {'Value': 3150.0, 'Fit': 1.0816238576489097}
baseline_fitness: {'Value': 4.456636083705825, 'Fit': 1000}
slopeFitness: {'Value': -0.00019860671344847737, 'Fit': 1.0003972923265965}
thresh: {'Value': 4.984048729730194, 'Fit': 1.0160791709358357}
sustain_oscillation_fitness: {'Value': 90.4047976011994, 'Fit': 6.814416760536956}
E_rate_fitness: {'Value': 2.4563492063492065, 'Fit': 7.519204271932153}
I_rate_fitness: {'Value': 15.435185185185185, 'Fit': 4.290835552601959}
maxFitness: 1000
average_fitness: 224.74728510342186
average_scaled_fitness: 223.97094774077493

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highFR
soma_voltage

I0_highFR
soma_voltage

Data Directory: /NERSC/output/240505_Run18_debug_node_run/gen_0/gen_0_cand_2_data.json
SimLabel: gen_0_cand_2
Generation Rank: 1/12

rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}}
burts_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': 0.16666666666666666, 'min': 0.25}
sustained_osci: {'target': 100, 'width': 5, 'min': 75}

burstAmp_Fitness: {'Value': 1.0250431258722161, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.8705842959986607, 'Fit': 25.11601714770625}
IBI_fitness: {'Value': 1084.375, 'Fit': 2.85101037494308}
baseline_fitness: {'Value': 7.537977366492049, 'Fit': 1000}
slopeFitness: {'Value': 9.223468005348428e-05, 'Fit': 1.0001844863756257}
thresh: {'Value': 7.3660903865557765, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 90.35482258870566, 'Fit': 6.882868390332167}
E_rate_fitness: {'Value': 1.6666666666666665, 'Fit': 10.312258501325767}
I_rate_fitness: {'Value': 23.324074074074073, 'Fit': 1.949538333691855}
maxFitness: 1000
average_fitness: 338.6790974704861
average_scaled_fitness: 338.0169923359762

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0