Data Directory: /NERSC/output/240430_Run1_interactive_node_run/gen_2/gen_2_cand_53_data.json
SimLabel: gen_2_cand_53
Generation Rank: 0/10

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': 0.07773663584517833, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 2.4319323288395456, 'Fit': 1000}
IBI_fitness: {'Value': 423.75, 'Fit': 3.6575369947486553}
baseline_fitness: {'Value': 3.615724213048618, 'Fit': 1000}
slopeFitness: {'Value': -0.00017643126343716608, 'Fit': 1.000352924790179}
thresh: {'Value': 3.609932930063488, 'Fit': 4.015119337762716}
sustain_oscillation_fitness: {'Value': 94.45692883895131, 'Fit': 3.0301563904818645}
E_rate_fitness: {'Value': 0.0, 'Fit': 1000}
I_rate_fitness: {'Value': 32.907407407407405, 'Fit': 1.337417801050218}
maxFitness: 1000
average_fitness: 445.8933981609815
average_scaled_fitness: 445.3385409481505

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp

soma_voltage

I0_highestAmp

soma_voltage