Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_10/gen_10_cand_79_data.json
SimLabel: gen_10_cand_79
Generation Rank: 5/10

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': 0.583741598693404, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.10062893081761007, 'Fit': 1000}
IBI_fitness: {'Value': None, 'Fit': 1000}
baseline_fitness: {'Value': 17.972953880885175, 'Fit': 1000}
slopeFitness: {'Value': 0.00025429353347852295, 'Fit': 1.0005087164219022}
thresh: {'Value': 17.50248927875752, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 76.25468164794007, 'Fit': 115.47611019299336}
E_rate_fitness: {'Value': 52.6468253968254, 'Fit': 1000}
I_rate_fitness: {'Value': 1.3796296296296295, 'Fit': 1000}
maxFitness: 1000
average_fitness: 790.7196243232684
average_scaled_fitness: 790.5100277800593

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage