Data Directory: /NERSC/output/240430_Run2_debug_node_run/gen_9/gen_9_cand_60_data.json
SimLabel: gen_9_cand_60
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': 0.15017641951232422, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 4.3335852859662385, 'Fit': 1000}
IBI_fitness: {'Value': 227.85714285714286, 'Fit': 4.004920406439243}
baseline_fitness: {'Value': 5.020677576046005, 'Fit': 1000}
slopeFitness: {'Value': -2.526462761871425e-05, 'Fit': 1.0000505305318617}
thresh: {'Value': 4.9956281353530025, 'Fit': 1.0043814351891989}
sustain_oscillation_fitness: {'Value': 97.15355805243445, 'Fit': 1.7670091816660534}
E_rate_fitness: {'Value': 16.650793650793652, 'Fit': 38.87368176402811}
I_rate_fitness: {'Value': 3.3611111111111107, 'Fit': 14.351994023433024}
maxFitness: 1000
average_fitness: 340.11133748236534
average_scaled_fitness: 339.45075485931994

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage