Data Directory: /NERSC/output/240430_Run1_interactive_node_run/gen_1/gen_1_cand_12_data.json
SimLabel: gen_1_cand_12
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': 6.051251217378827, 'Fit': 502.4081997292304}
burst_peak_frequency_fitness: {'Value': 1.2519561815336464, 'Fit': 247.5808237243463}
IBI_fitness: {'Value': 712.5, 'Fit': 3.1385157591528174}
baseline_fitness: {'Value': 23.658192835921653, 'Fit': 1000}
slopeFitness: {'Value': 0.0082917282281899908, 'Fit': 1.0167217253469596}
thresh: {'Value': 18.577976535369523, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 14.831460674157304, 'Fit': 1000}
E_rate_fitness: {'Value': 82.45238095238095, 'Fit': 1000}
I_rate_fitness: {'Value': 9.87962962962963, 'Fit': 7.478535896286319}
maxFitness: 1000
average_fitness: 529.0691996482625
average_scaled_fitness: 528.5899067649226

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp

soma_voltage

I0_highestAmp

soma_voltage