Data Directory: /NERSC/output/240426_Run12_26AprSAFE_1x100/gen_13/gen_13_cand_99_data.json
SimLabel: gen_13_cand_99
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': 0.21053843816400253, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 0.8142493638676845, 'Fit': 17.912453249364184}
IBI_fitness: {'Value': 1140.0, 'Fit': 2.5425780979381667}
baseline_fitness: {'Value': 15.970685569569483, 'Fit': 1000}
slopeFitness: {'Value': 3.479318524264924e-05, 'Fit': 1.0000695887916728}
thresh: {'Value': 15.843850623047947, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 94.16167664670658, 'Fit': 3.2144770037391677}
E_rate_fitness: {'Value': 54.448412698412696, 'Fit': 1000}
I_rate_fitness: {'Value': 5.861111111111112, 'Fit': 11.177344184085761}
maxFitness 1000
average_fitness: 448.42743579154654
average_scaled_fitness: 447.8752726424965

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highestAmp
soma_voltage

I0_highestAmp
soma_voltage