Data Directory: /NERSC/output/240517_Run1_best_case/gen_0/gen_0_cand_13_data.json

SimLabel: gen_0_cand_13

Generation Rank: 4/15

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': 1.393917143971066, 'Fit': 1000.0}

burst_peak_frequency_fitness: {'Value': 0.4187341666143249, 'Fit': 1.6693010396516217}

IBI_fitness: {'Value': 2410.8673469387754, 'Fit': 1.52392779830759}

baseline_fitness: {'Value': 4.8028612477446275, 'Fit': 1000}

slopeFitness: {'Value': 2.2411581430136514e-07, 'Fit': 1.000000448231729}

thresh: {'Value': 4.936257815439203, 'Fit': 1.0658175791093847}

sustain_oscillation_fitness: {'Value': 99.40628710705582, 'Fit': 1.1260800038711851}

E_rate_fitness: {'Value': 0.5793650793650794, 'Fit': 1000}

I_rate_fitness: {'Value': 47.78703703703704, 'Fit': 5.9221745477442305}
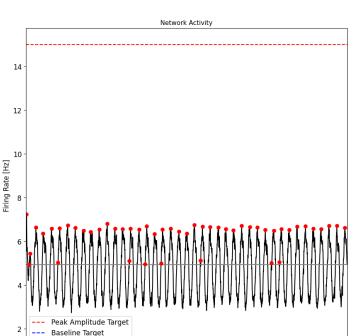
maxFitness: 1000

average_fitness: 334.7008112685462

average_scaled_fitness: 334.0348458158553

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0

Network Activity

Raster plot of spiking

E0_highFR
soma_voltage

I0_highFR
soma_voltage