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': 1.0250431258722161, 'Fit': 1000.0}

burst_peak_frequency_fitness: {'Value': 0.8705842959986607, 'Fit': 25.11601714770625}

IBI_fitness: {'Value': 1084.375, 'Fit': 2.85101037494308}

baseline_fitness: {'Value': 7.537977366492049, 'Fit': 1000}

slopeFitness: {'Value': 9.223468005348428e-05, 'Fit': 1.0001844863756257}

thresh: {'Value': 7.3660903865557765, 'Fit': 1000}

sustain_oscillation_fitness: {'Value': 90.35482258870566, 'Fit': 6.882868390332167}

E_rate_fitness: {'Value': 1.6666666666666665, 'Fit': 10.312258501325767}

I_rate_fitness: {'Value': 23.324074074074073, 'Fit': 1.949538333691855}

maxFitness: 1000

average_fitness: 338.6790974704861

average_scaled_fitness: 338.0169923359762

binSize: 7.5

gaussianSigma: 30.0

thresholdBurst: 1.0