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': 0.6230167083667538, 'Fit': 1000.0}
burst_peak_frequency_fitness: {'Value': 2.365591397849462, 'Fit': 1000}
IBI_fitness: {'Value': 432.75, 'Fit': 3.637374575837555}
baseline_fitness: {'Value': 13.812715487851316, 'Fit': 1000}
slopeFitness: {'Value': 9.77195116891993e-05, 'Fit': 1.0001954581228285}
thresh: {'Value': 13.73309323183863, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 88.77245508982035, 'Fit': 9.445221781427623}
E_rate_fitness: {'Value': 45.69444444444444, 'Fit': 1000}
I_rate_fitness: {'Value': 7.527777777777778, 'Fit': 9.46141758464099}
maxFitness: 1000
average_fitness: 558.1715788222255
average_scaled_fitness: 557.7292215984077

binSize: 7.5
gaussianSigma: 30.0
thresholdBurst: 1.0