Generation Rank: 1/44

burts_peak_targets: {'cutoff': 1250, 'big_bursts': {'target': 1616.784, 'max': 1955.749, 'min': 1252.317, 'width': 350716.0, 'num_target': 31.25, 'num_min': 0}, 'lil_bursts': {'target': 402.633, 'max': 1205.884, 'min': 723.599, 'width': 1080641.25, 'num_target': 68.75, 'num_min': 0}} burst peak frequency: {'target': 0.11636363636363636, 'max': 1, 'min': 0} IBI_targets: {'target': 8.79, 'width': 11070.0, 'max': 24.6} baseline_targets: {'target': 294.444, 'max': 724.599, 'min': 0} rate slope: {'target': 0.002497512709074353} weightII sustained_osci: {'target': 90.90303232255916} weightIE thresh_target: {'target': 718.115, 'max': 724.599} weightEI rate_targets: {'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}} weightEE BigBurstVal_Fitness: {'Value': 11345.039802104086, 'Fit': 1000.0} tau2_exc numBig_Fitness: {'Value': 1, 'Percent': 100.0, 'Fit': 1000} SmallBurstVal_Fitness: {'Value': None, 'Fit': 1000} tau1_inh numSmall_Fitness: {'Value': 0, 'Percent': 0.0, 'Fit': 1000} tau1_exc burst_peak_frequency_fitness: {'Value': 0.06896551724137931, 'Fit': 1.0485393695680119} probLengthConst IBI_fitness: {'Value': None, 'Fit': 1000} probII baseline fitness: {'Value': 9958.121578922966, 'Fit': 1000} slopeFitness; {'Value': -0.9896695748117202, 'Fit': 2.6970729369367805} problE thresh: {'\Value': 9896.514626768081, 'Fit': 1000} probEl sustain pscillation fitness: {Value: 96.02649006622516, 'Fit': 0.0059553950231915845} probEE E_rate_fitness: {'Value': 37.238095238095234, 'Fit': 1000} I rate fitness {'Value': 2.324074074074074, 'Fit': 1000} gnabar maxFitness: 1000 gnabar E average_fitness: 750.312630641794 gkbar average_scaled_fitness: 0.7503111436460216 akbar E propVelocity binSize: duration seconds gaussianSigma: 0.15 0.0 thresholdBurst: 1 500 2000 3500 4000 Network Activity Raster plot of spiking --- Big Burst Target --- Baseline Target 350 10000 300 8000 250 200 6000 150 4000 100 2000

10

Time [s]

12

14

8000

10000

12000