3000

2000

1000

--- Big Burst Target

--- Baseline Target

Time [s]

12

SimLabel: gen 0 cand 3 Generation Rank: 3/26 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}, 'lii_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} weightEl rate_targets: {'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}} weightEE BigBurstVal_Fitness: {'Value': 8228.53813780273, 'Fit': 1000.0} tau2_exc numBig_Fitness: {'Value': 4, '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': 0.273972602739726, 'Fit': 1.1707083188746092} probLengthConst IBI_fitness: {'Value': 3.733333333333334, 'Fit': 1.0004568945314503} probli baseline fitness: {'Value': 5574.259460854539, 'Fit': 1000} slopeFitness: {'Value': 0.8661117997383281, 'Fit': 2.371717288429145} problE **⊝-•**-----thresh: {'Value': 5785.859804154616, 'Fit': 1000} probEl sustain, oscillation, fitness: {'Value': 88.0794701986755, 'Fit': 16.83671845754203} probEE E_rate_fitness: ('Value': 0.8849206349206349, 'Fit': 1.0075825714157556 gnabar I rate fitness: {'Value': 18.41666666666664, 'Fit': 1000} maxFitness: 1000 gnabar E average_fitness: 585.1989319608994 gkbar average_scaled_fitness: 0.5847835257765395 gkbar E propVelocity binSize: duration seconds gaussian Sigma: 0.15 thresholdBurst: 1 500 1000 1500 2000 2500 3000 3500 4000 Normalized Param Value Network Activity Raster plot of spiking 400 8000 350 7000 300 6000 250 5000 ² 4000

150

100

market and the r

1290 197

2002/19

2000

SECTION AND ADDRESS.

Janes Salaria

10000

12000

14000

8000

6000

4000