2000

4000

6000

Time [ms]

8000

10000

12000

2000

4000

6000

Time (ms)

8000

10000

12000

14000

Generation Rank: 6/44 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} weightEl (800 c) --- (9 c) --- -- (90 c) --- -- (90 c) --- -- (90 c) --- -- (90 c) --- --- (90 c) --- --rate_targets: {'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}} weightEE burstAmp_Fitness: {'Value': None, 'Fit': 1000} tau2_exc IBI_fitness: {'Value': None, 'Fit': 1000} baselineFitness: {'Value': None, 'Fit': 1000} tau1_inh slopeFitness: {'Value': None, 'Fit': 1000} tau1_exc burst_peak_frequency_fitness: {'Value': None, 'Fit': 1000} probLengthConst E_rate_fitness: {'Value': None, 'Fit': 1000} probli I rate fitness: {'Value': None, 'Fit': 1000} sustain_oscillation_fitness: {'Value': None, 'Fit': 1000} problE maxFitness: 1000 probEl average fitness: 1000.0 probEE average_scaled_fitness: gnabar gnabar E binSize: 0.1 gaussianSigma; 0.15 gkbar thresholdBurst akbar E 1500 propVelocity 1750 duration seconds 0.0 1000 1500 2000 2500 3000 3500 4000 x (um) Network Activity Raster plot of spiking --- Peak Amplitude Target 400 Baseline Target Www. North Williams W 350 300 15.0 250 Rate [Hz] E 10.0 7.5 100 5.0 50 2.5