rate_slope: {'target': 0, 'width': 0.5, 'max': 0.5} thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7} sustained osci: {'target': 100, 'width': 5, 'min': 75} weightEE tau2_inh tau2 exc burstAmp Fitness: {'Value': 0.010072620550873743, 'Fit': 1000.0} tau1_inh burst_peak_frequency_fitness: {'Value': 0.8281573498964803, 'Fit': 19.471348928224575} IBI fitness: {'Value': 1480.0, 'Fit': 2.4654545404362382} baseline_fitness: {'Value': 0.08965752555179689, 'Fit': 4.097358404370214} slopeFitness: {'Value': -0.00013784825353478175, 'Fit': 1.0002757345148443} thresh: {'Value': 0.0892864193506538, 'Fit': 1000} probE sustain_oscillation_fitness: {'Value': 92.21556886227546, 'Fit': 4.7440264044634315} probE rate fitness: {'Value': 0.15277777777778, 'Fit': 1000.0} maxFitness: 1000 average_fitness: 378.9723080015012 average_scaled_fitness: 378.35048707835267 Raster plot of spiking Middlemost 1 second of simulation 400 350 250 0.6 0.4 100 0.2 50 Peak Amplitude Target **Baseline Target** 1000 2000 3000 4000 Time [ms] Time (ms)

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}