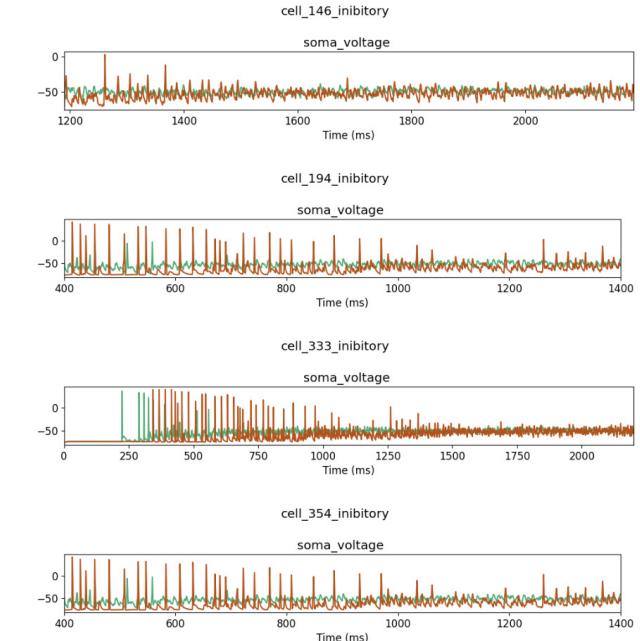
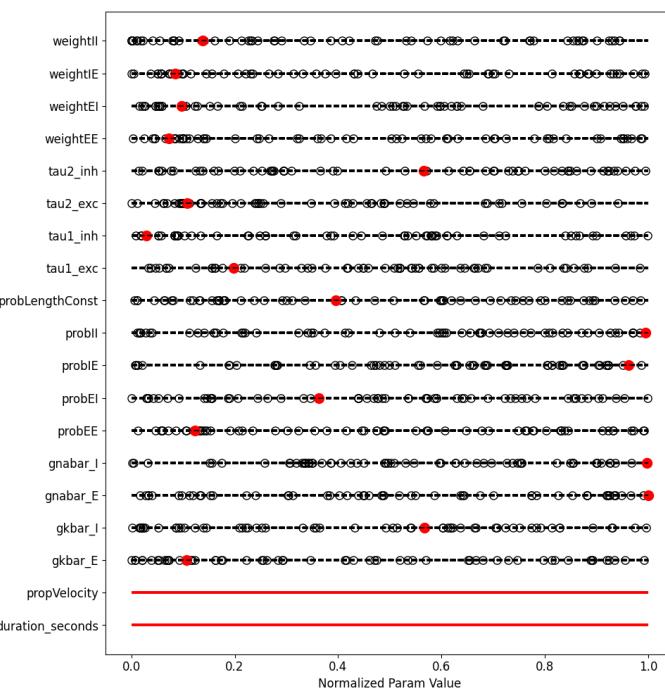
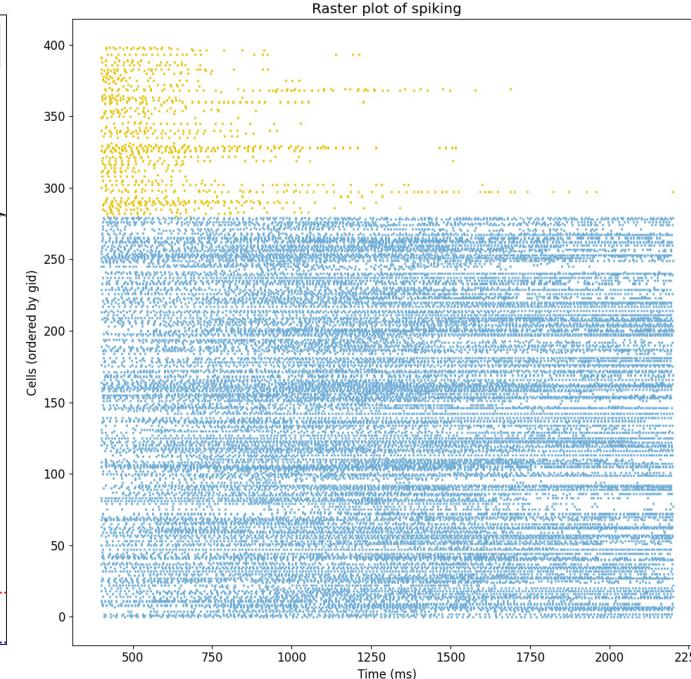
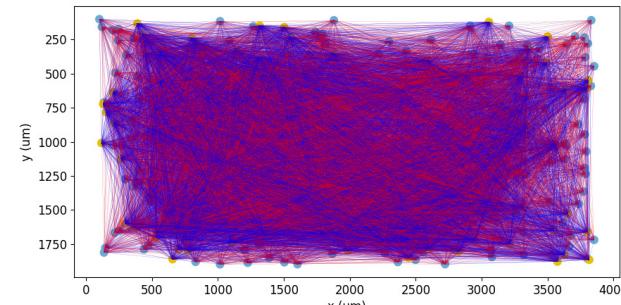


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_1_data.json
SimLabel	gen_0_cand_1
Generation Rank	40/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 15987.674802284073, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.45454545454545453, 'Fit': 1.402395461219584}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 13891.003384454587, 'Fit': 1000}
slopeFitness	{'Value': -66.31712075707372, 'Fit': 1000}
thresh	{'Value': 11493.829454872368, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 12.582781456953644, 'Fit': 1000}
E_rate_fitness	{'Value': 37.91269841269841, 'Fit': 1000}
I_rate_fitness	{'Value': 17.083333333333332, 'Fit': 1000}
maxFitness	1000
average_fitness	916.7835329551017
average_scaled_fitness	0.9166666666666666

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

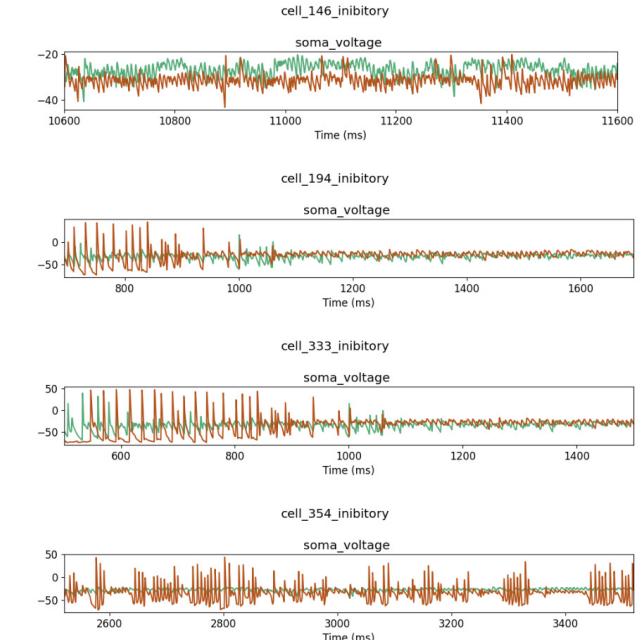
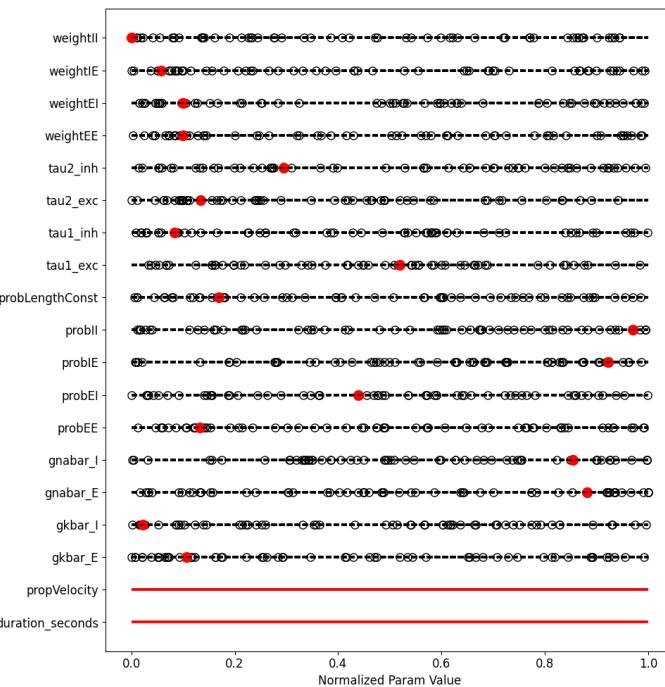
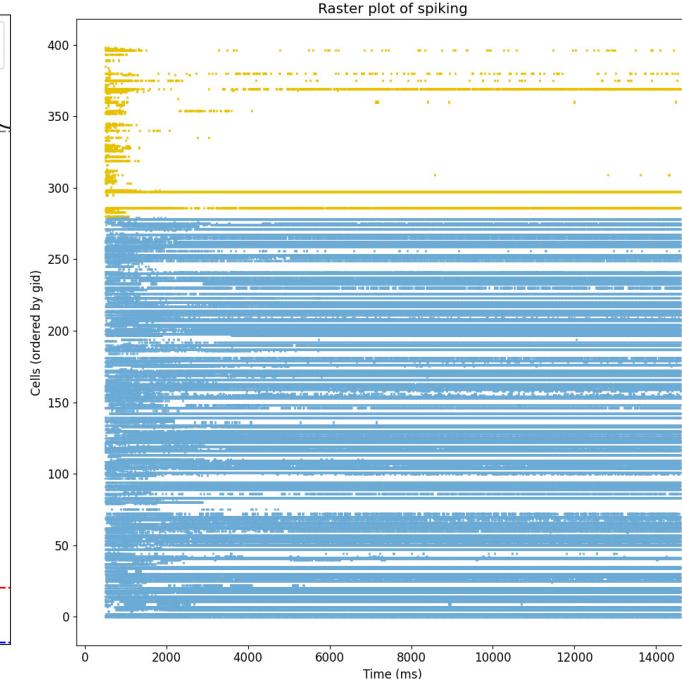
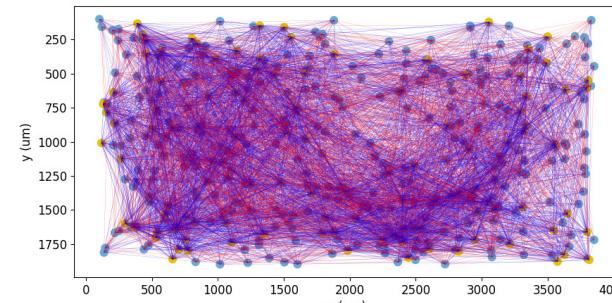


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_2/data.json
SimLabel	gen_0_cand_2
Generation Rank	14/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 13042.17890783102, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.410958904109589, 'Fit': 1.3425828621203695}
IBI_fitness	{'Value': 2.62, 'Fit': 1.0005575300941028}
baseline_fitness	{'Value': 12752.780430303326, 'Fit': 1000}
slopeFitness	{'Value': -1.4478005442528088, 'Fit': 4.264385355511366}
thresh	{'Value': 12593.670559936965, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.03973509933775, 'Fit': 23.027813703428244}
E_rate_fitness	{'Value': 35.53968253968254, 'Fit': 1000}
I_rate_fitness	{'Value': 22.962962962962965, 'Fit': 1000}
maxFitness	1000
average_fitness	669.1362782875962
average_scaled_fitness	0.668804898534895

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

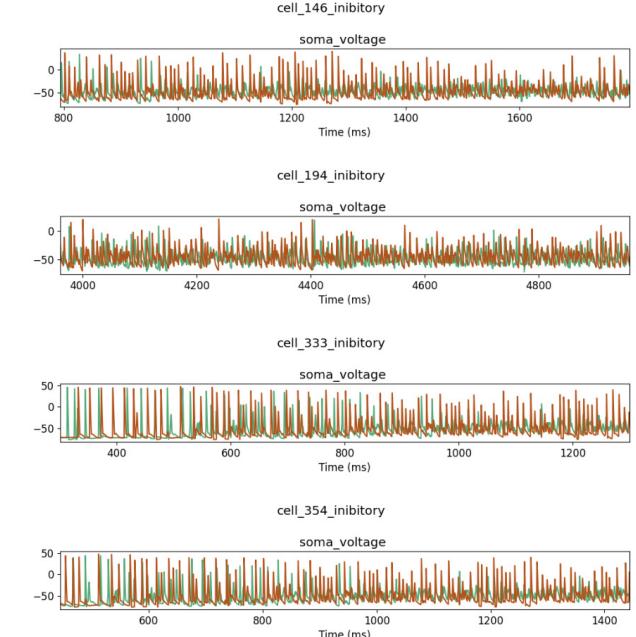
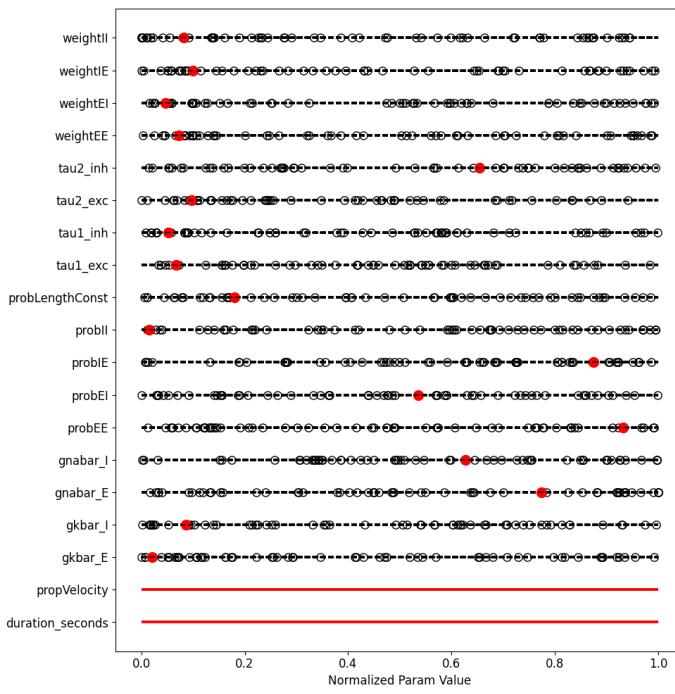
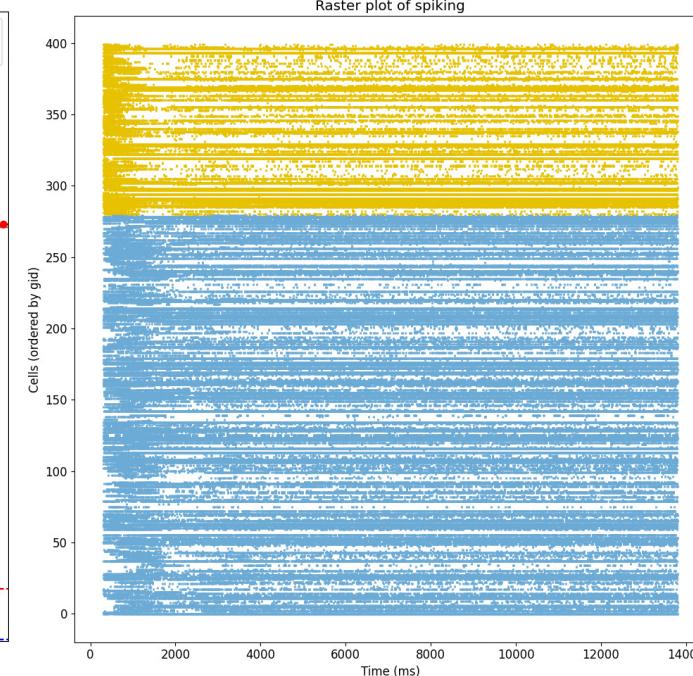
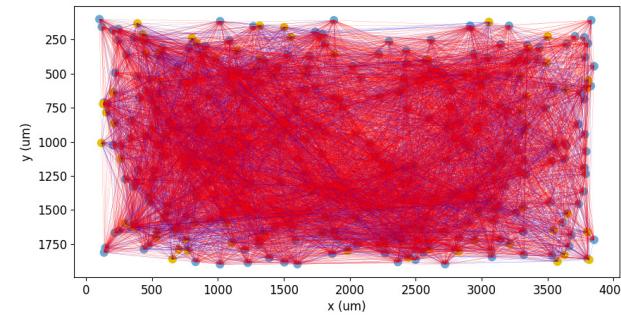


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_3/data.json
SimLabel	gen_0_cand_3
Generation Rank	23/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 2.6321000001}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 11905.163573750493, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.43478260869565216, 'Fit': 1.374952207499146}
IBI_fitness	{'Value': 2.6000000000000005, 'Fit': 1.00005593320331099}
baseline_fitness	{'Value': 11085.513519082362, 'Fit': 1000}
slopeFitness	{'Value': -10.11362635088497, 'Fit': 1000}
thresh	{'Value': 10996.273148499484, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 90.06622516556291, 'Fit': 2.308982974937318}
E_rate_fitness	{'Value': 31.41269841269841, 'Fit': 1000}
I_rate_fitness	{'Value': 42.083333333333336, 'Fit': 1000}
maxFitness	1000
average_fitness	750.3903745428725
average_scaled_fitness	0.7501403751635441

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

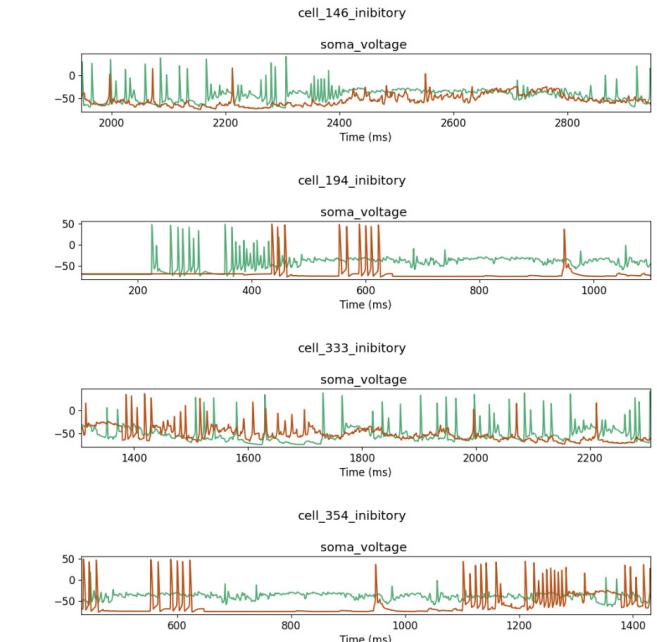
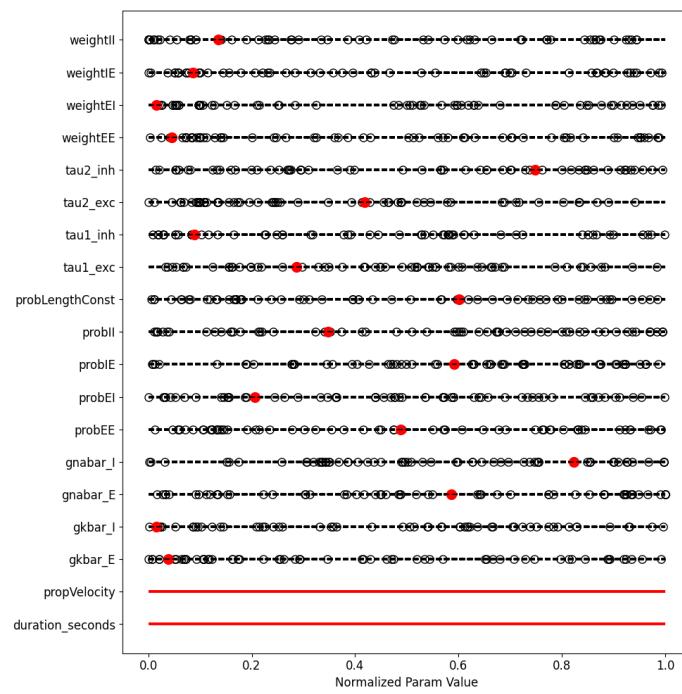
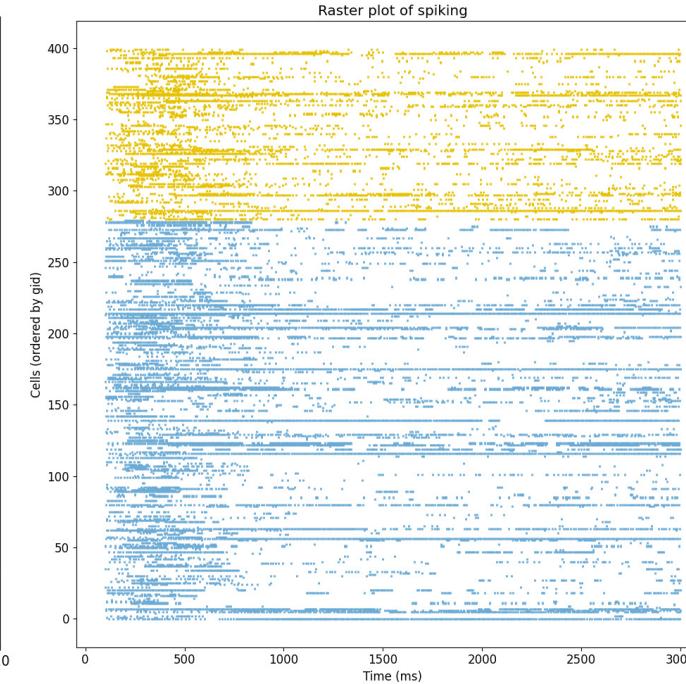
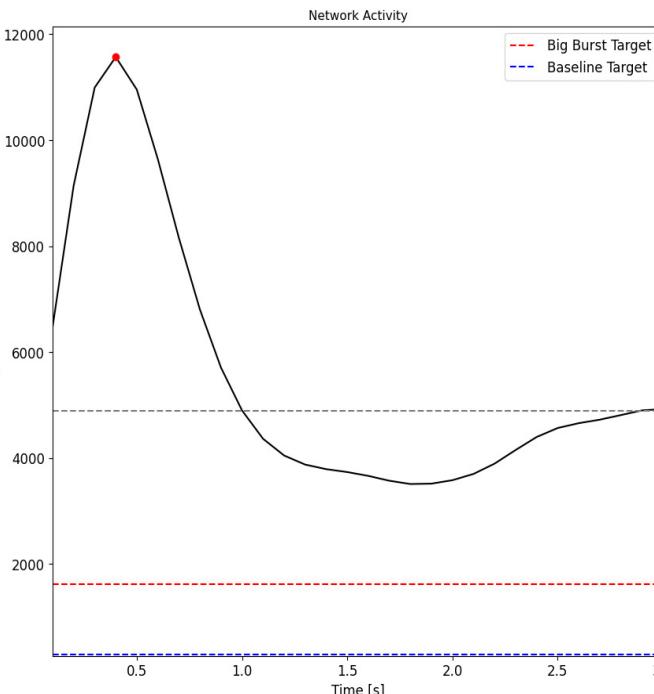


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_4 data.json
SimLabel	gen_0_cand_4
Generation Rank	35/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 0}, 'I': {'target': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 8247.448128547778, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6666666666666666, 'Fit': 1.733778325642695}
IBI_fitness	{'Value': 2.6, 'Fit': 1.0005593252891092}
baseline_fitness	{'Value': 5557.503469788298, 'Fit': 1000}
slopeFitness	{'Value': -189.9827985834556, 'Fit': 1000}
thresh	{'Value': 4883.541698215728, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 19.867549668874172, 'Fit': 1000}
E_rate_fitness	{'Value': 23.50793650793651, 'Fit': 1000}
I_rate_fitness	{'Value': 22.24074074074074, 'Fit': 1000}
maxFitness	1000
average_fitness	833.5611948042442
average_scaled_fitness	0.8333944961136863

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

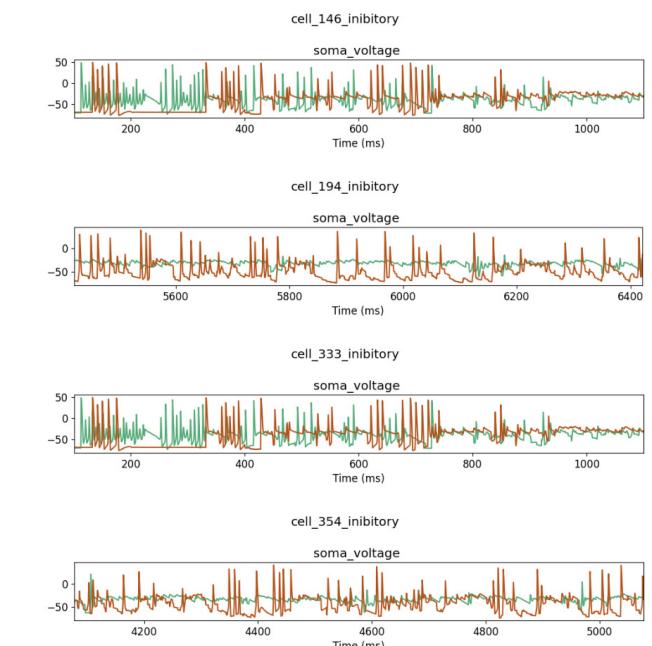
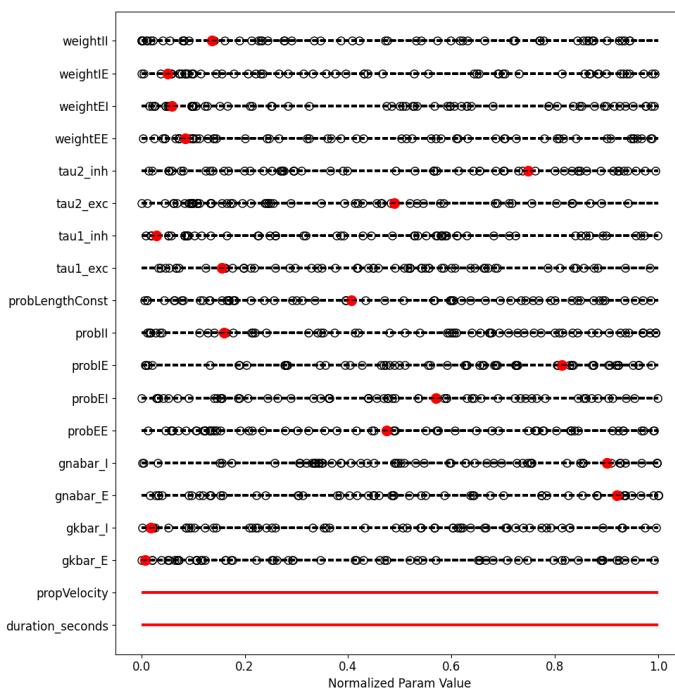
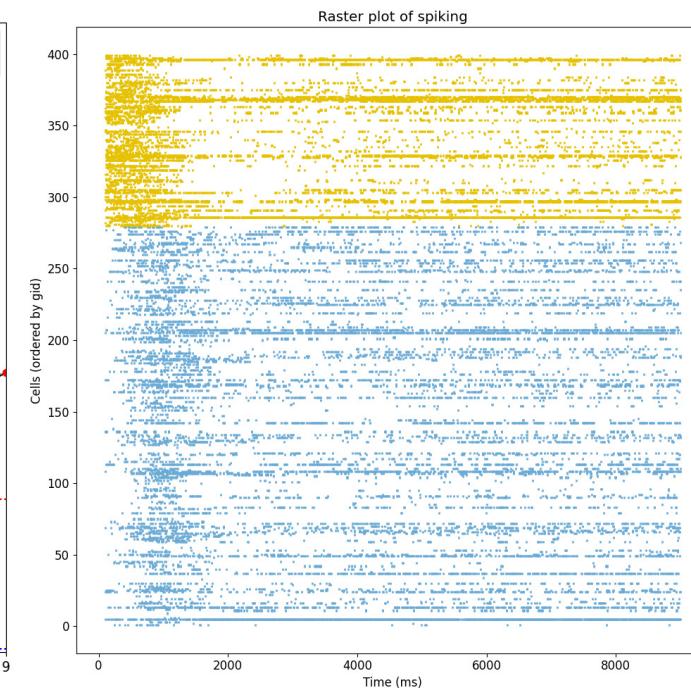
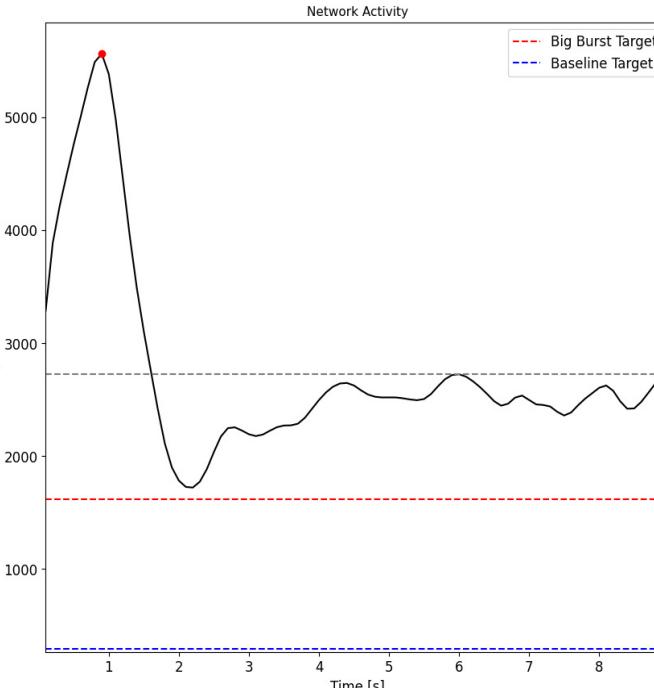


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_6_data.json
SimLabel	gen_0_cand_6
Generation Rank	27/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 4148.802257126275, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.2222222222222222, 'Fit': 1.1116646602870195}
IBI_fitness	{'Value': 8.1, 'Fit': 1.0000623325659}
baseline_fitness	{'Value': 2763.466033027611, 'Fit': 1000}
slopeFitness	{'Value': -15.200041409240173, 'Fit': 1000}
thresh	{'Value': 2727.783256701465, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 59.60264900662252, 'Fit': 1000}
E_rate_fitness	{'Value': 6.841269841269842, 'Fit': 389.1259906388259}
I_rate_fitness	{'Value': 24.611111111111107, 'Fit': 1000}
maxFitness	1000
average_fitness	782.6031431359733
average_scaled_fitness	0.7823855150865907

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

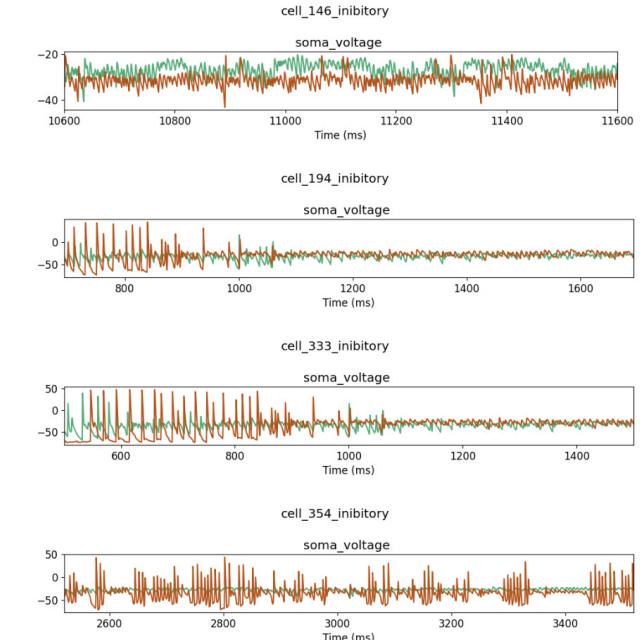
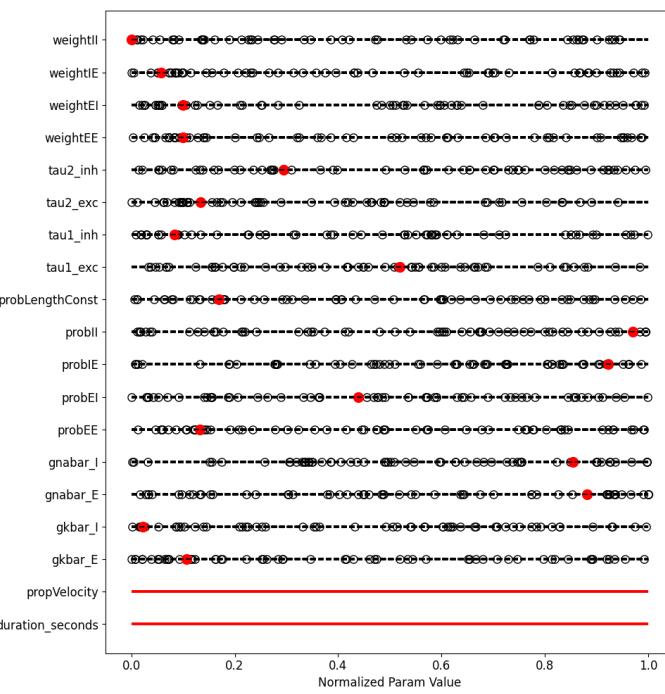
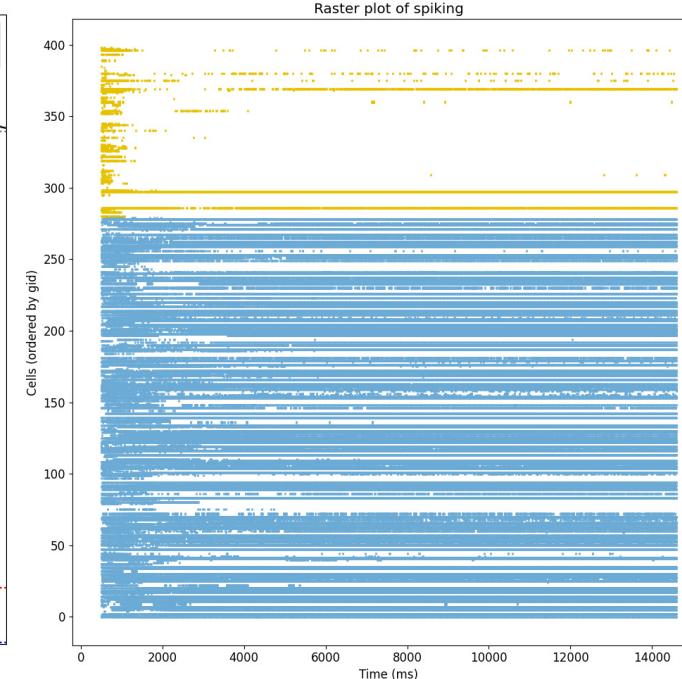
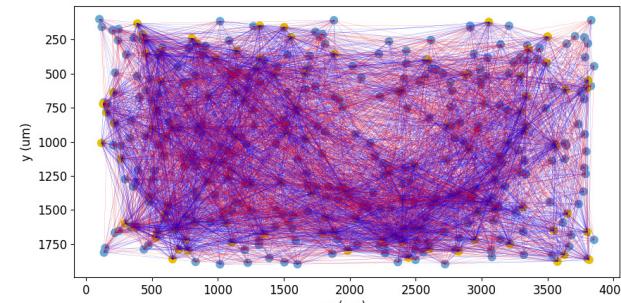


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_7/data.json
SimLabel	gen_0_cand_7
Generation Rank	11/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 13042.17890783102, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.410958904109589, 'Fit': 1.3425828621203695}
IBI_fitness	{'Value': 2.62, 'Fit': 1.0005575300941028}
baseline_fitness	{'Value': 12752.780430303326, 'Fit': 1000}
slopeFitness	{'Value': -1.4478005442528088, 'Fit': 4.264385355511366}
thresh	{'Value': 12593.670559936965, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.03973509933775, 'Fit': 23.027813703428244}
E_rate_fitness	{'Value': 35.53968253968254, 'Fit': 1000}
I_rate_fitness	{'Value': 22.962962962962965, 'Fit': 1000}
maxFitness	1000
average_fitness	669.1362782875962
average_scaled_fitness	0.668804898534895

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

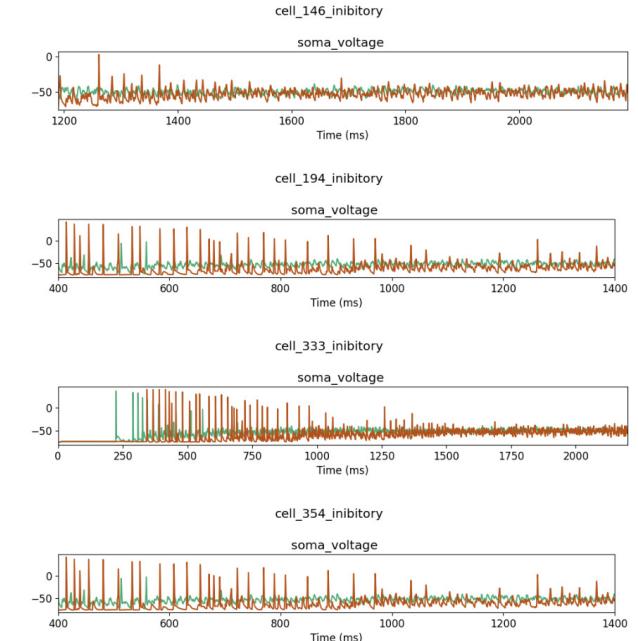
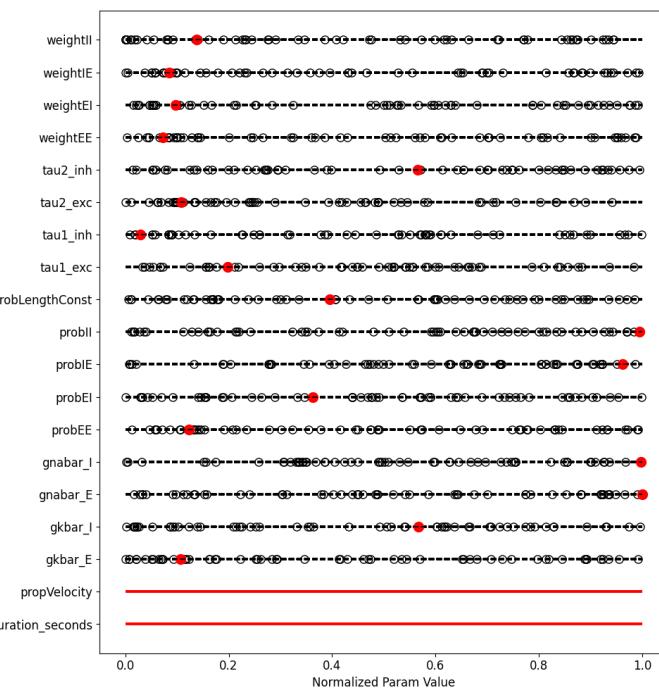
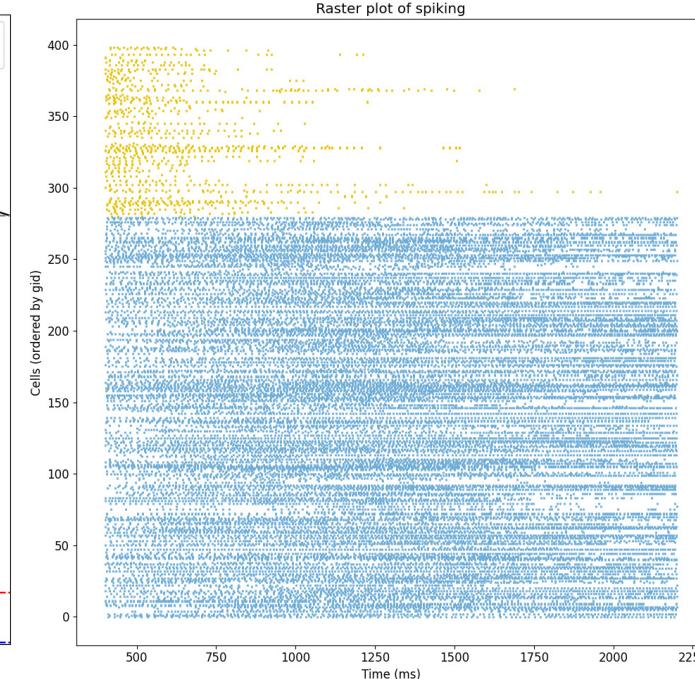
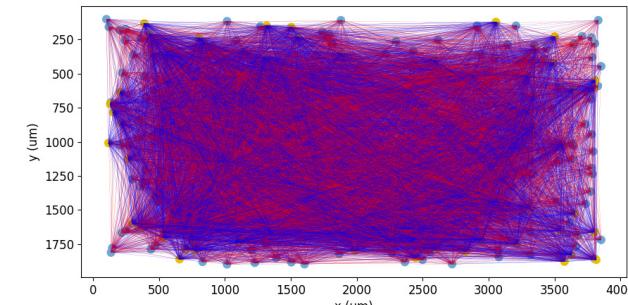


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_8_data.json
SimLabel	gen_0_cand_8
Generation Rank	39/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 15987.674802284073, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.45454545454545453, 'Fit': 1.402395461219584}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 13891.003384454587, 'Fit': 1000}
slopeFitness	{'Value': -66.31712075707372, 'Fit': 1000}
thresh	{'Value': 11493.829454872368, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 12.582781456953644, 'Fit': 1000}
E_rate_fitness	{'Value': 37.91269841269841, 'Fit': 1000}
I_rate_fitness	{'Value': 17.083333333333332, 'Fit': 1000}
maxFitness	1000
average_fitness	916.7835329551017
average_scaled_fitness	0.9166666666666666

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

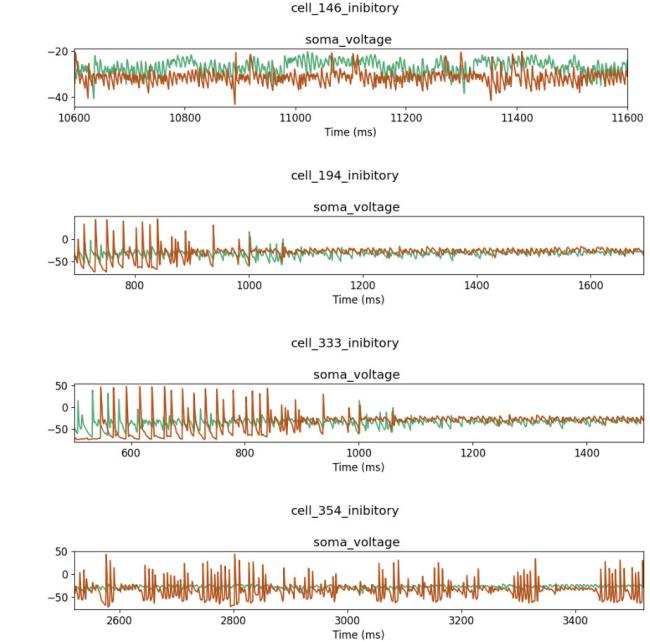
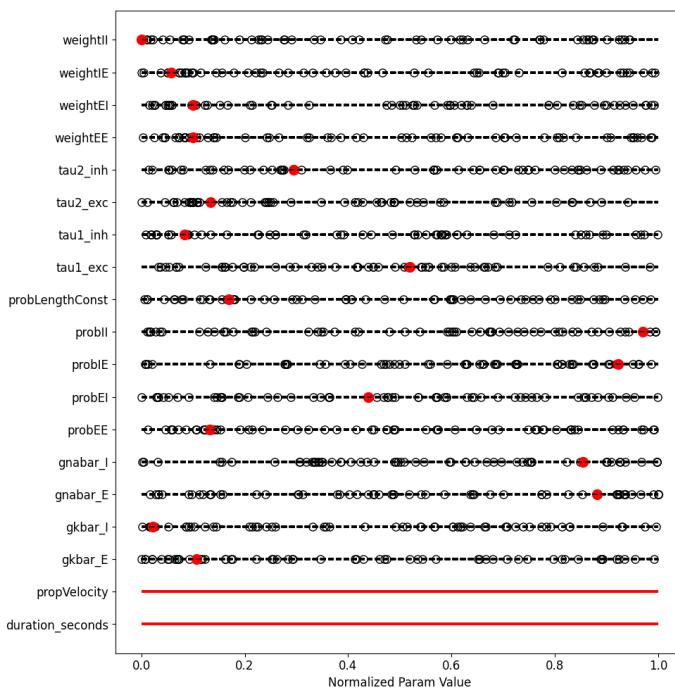
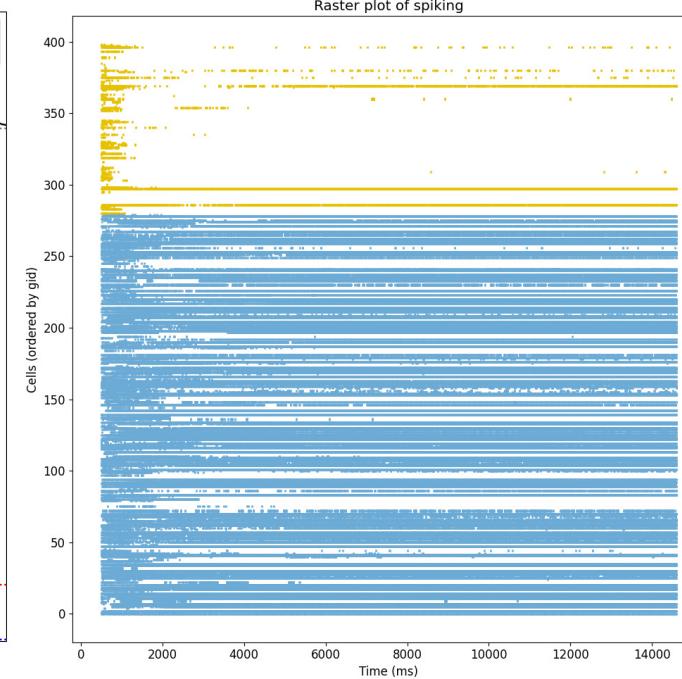
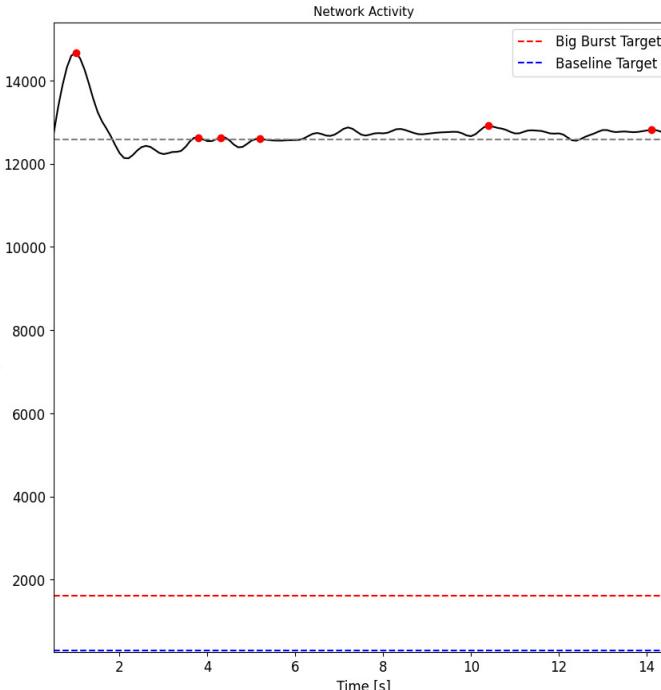
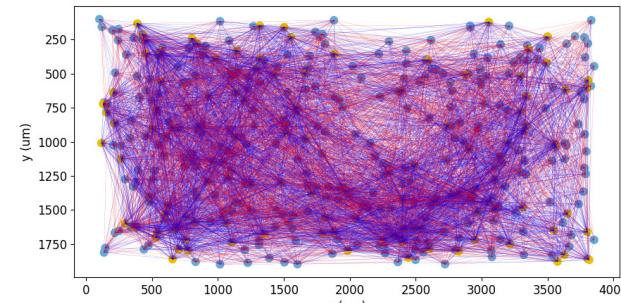


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_9/data.json
SimLabel	gen_0_cand_9
Generation Rank	13/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 13042.17890783102, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.410958904109589, 'Fit': 1.3425828621203695}
IBI_fitness	{'Value': 2.62, 'Fit': 1.0005575300941028}
baseline_fitness	{'Value': 12752.780430303326, 'Fit': 1000}
slopeFitness	{'Value': -1.4478005442528088, 'Fit': 4.264385355511366}
thresh	{'Value': 12593.670559936965, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.03973509933775, 'Fit': 23.027813703428244}
E_rate_fitness	{'Value': 35.53968253968254, 'Fit': 1000}
I_rate_fitness	{'Value': 22.962962962962965, 'Fit': 1000}
maxFitness	1000
average_fitness	669.1362782875962
average_scaled_fitness	0.668804898534895

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

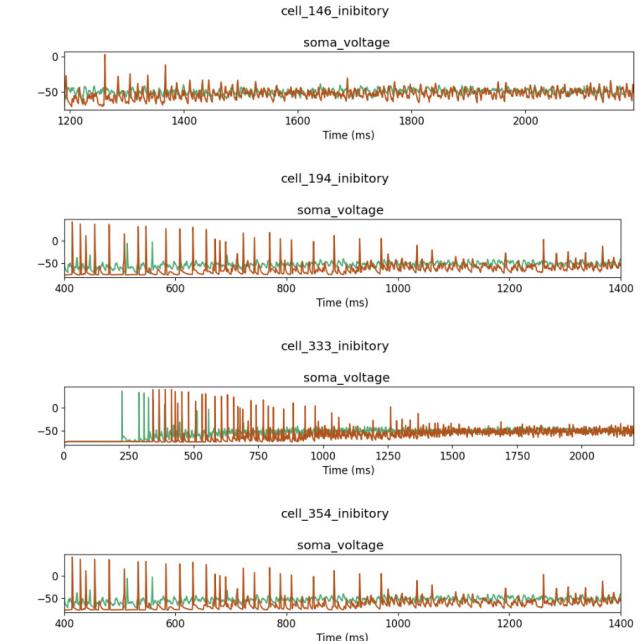
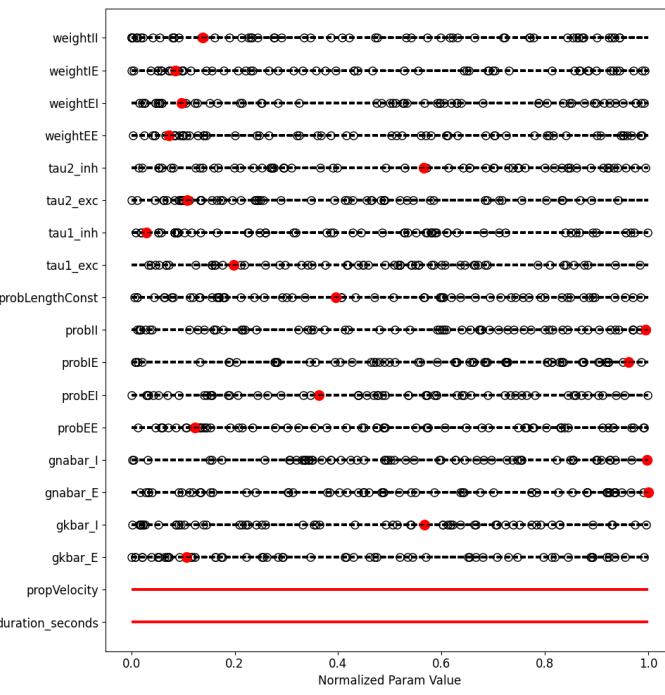
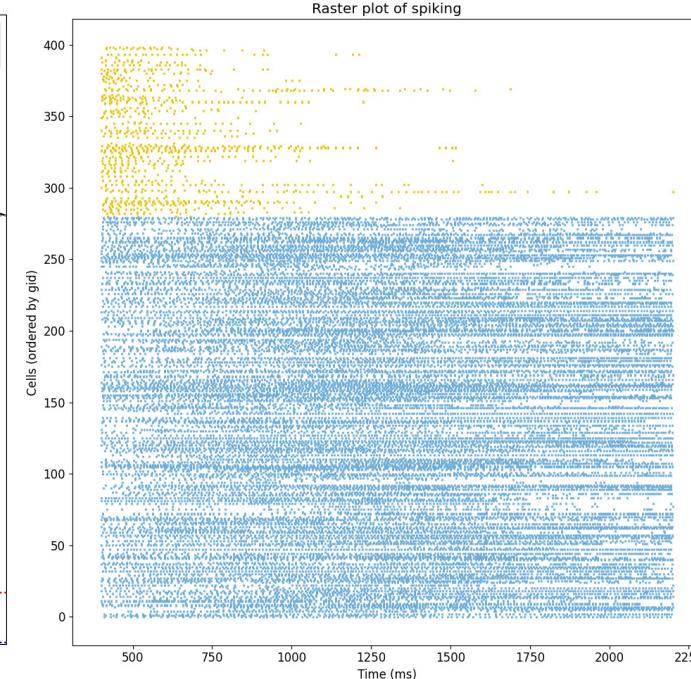
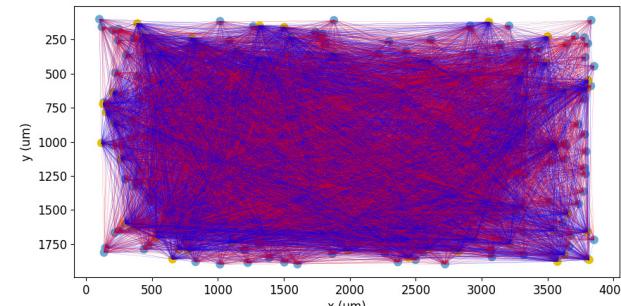


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_10_data.json
SimLabel	gen_0_cand_10
Generation Rank	38/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 15987.674802284073, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.45454545454545453, 'Fit': 1.402395461219584}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 13891.003384454587, 'Fit': 1000}
slopeFitness	{'Value': -66.31712075707372, 'Fit': 1000}
thresh	{'Value': 11493.829454872368, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 12.582781456953644, 'Fit': 1000}
E_rate_fitness	{'Value': 37.91269841269841, 'Fit': 1000}
I_rate_fitness	{'Value': 17.083333333333332, 'Fit': 1000}
maxFitness	1000
average_fitness	916.7835329551017
average_scaled_fitness	0.9166666666666666

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

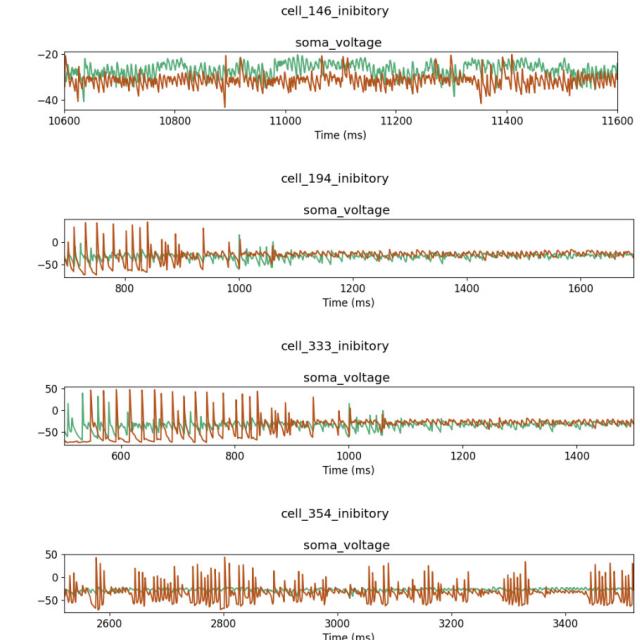
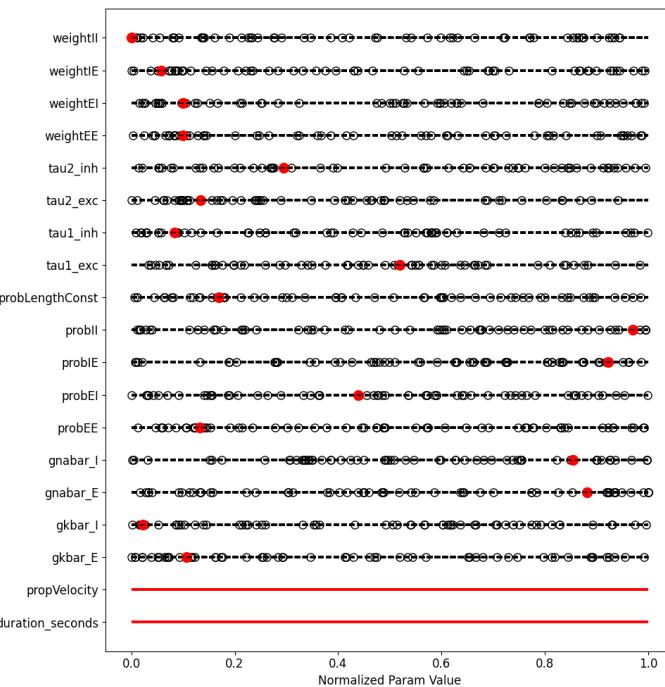
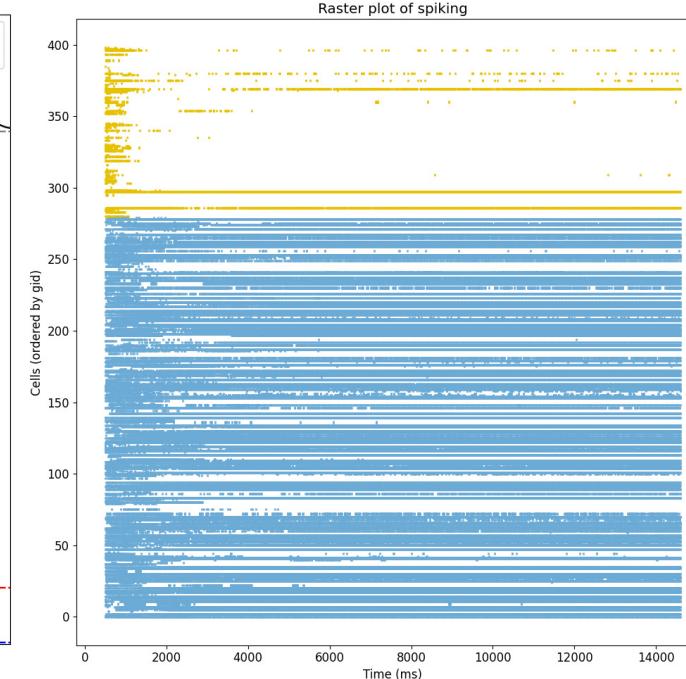
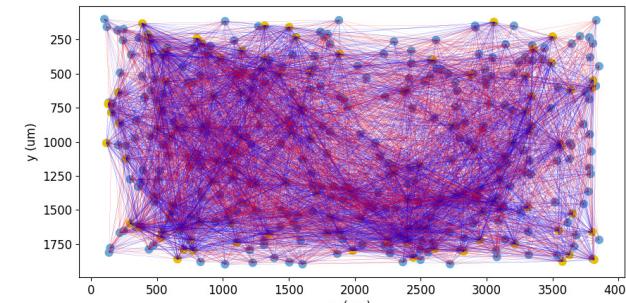


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_11/data.json
SimLabel	gen_0_cand_11
Generation Rank	12/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 13042.17890783102, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.410958904109589, 'Fit': 1.3425828621203695}
IBI_fitness	{'Value': 2.62, 'Fit': 1.0005575300941028}
baseline_fitness	{'Value': 12752.780430303326, 'Fit': 1000}
slopeFitness	{'Value': -1.4478005442528088, 'Fit': 4.264385355511366}
thresh	{'Value': 12593.670559936965, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.03973509933775, 'Fit': 23.027813703428244}
E_rate_fitness	{'Value': 35.53968253968254, 'Fit': 1000}
I_rate_fitness	{'Value': 22.962962962962965, 'Fit': 1000}
maxFitness	1000
average_fitness	669.1362782875962
average_scaled_fitness	0.668804898534895

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

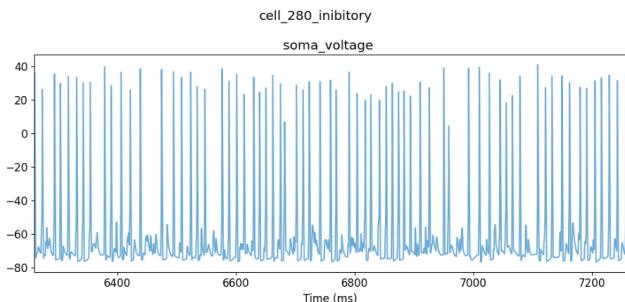
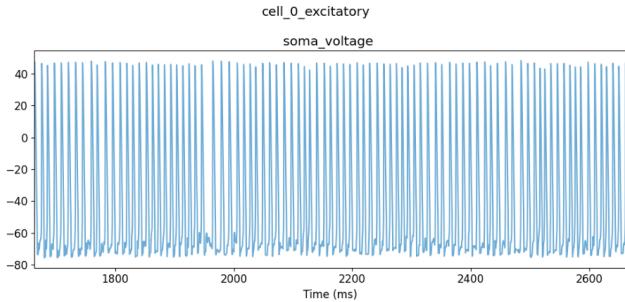
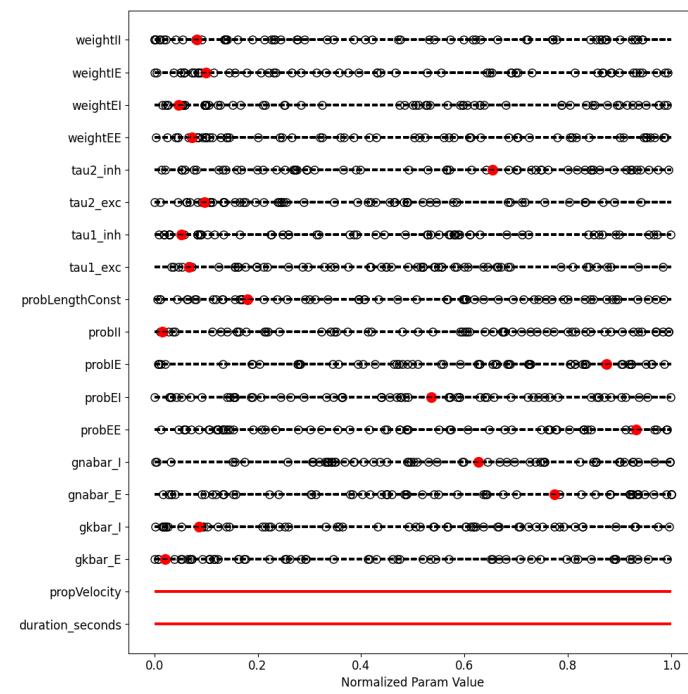
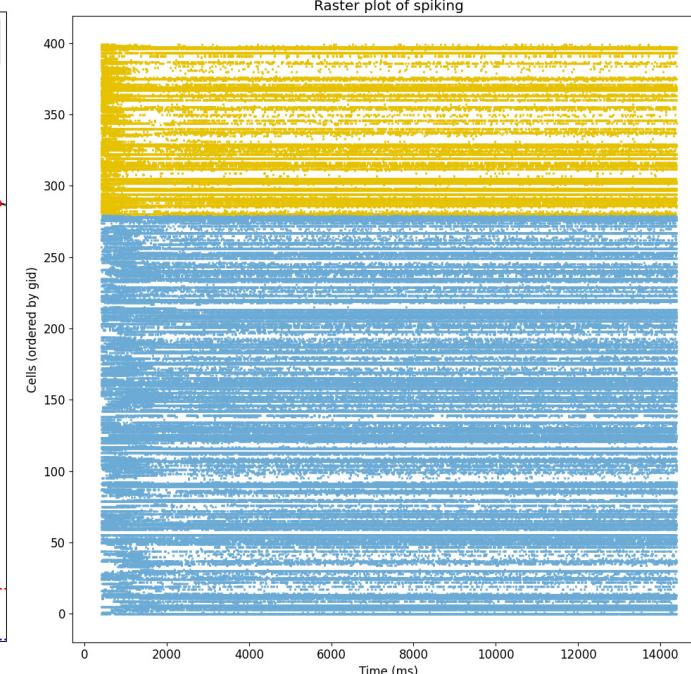
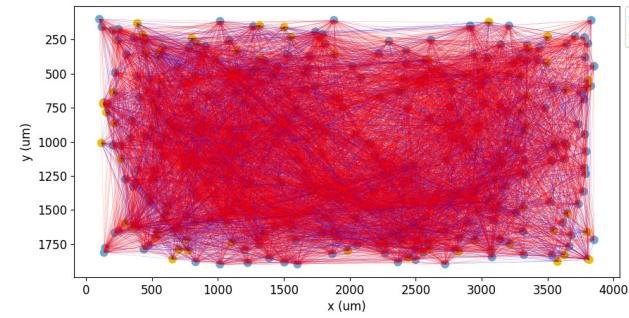


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_12_data.json
SimLabel	gen_0_cand_12
Generation Rank	25/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 12403.975910857594, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.4166666666666663, 'Fit': 1.35026791768276}
IBI_fitness	{'Value': 2.7, 'Fit': 1.0005502935161075}
baseline_fitness	{'Value': 11695.243147663607, 'Fit': 1000}
slopeFitness	{'Value': -8.338362903933364, 'Fit': 1000}
thresh	{'Value': 11587.079166445177, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 93.37748344370861, 'Fit': 11.875187284818281}
E_rate_fitness	{'Value': 31.666666666666664, 'Fit': 1000}
I_rate_fitness	{'Value': 42.629629629629626, 'Fit': 1000}
maxFitness	1000
average_fitness	751.1855004580015
average_scaled_fitness	0.7509362996995618

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

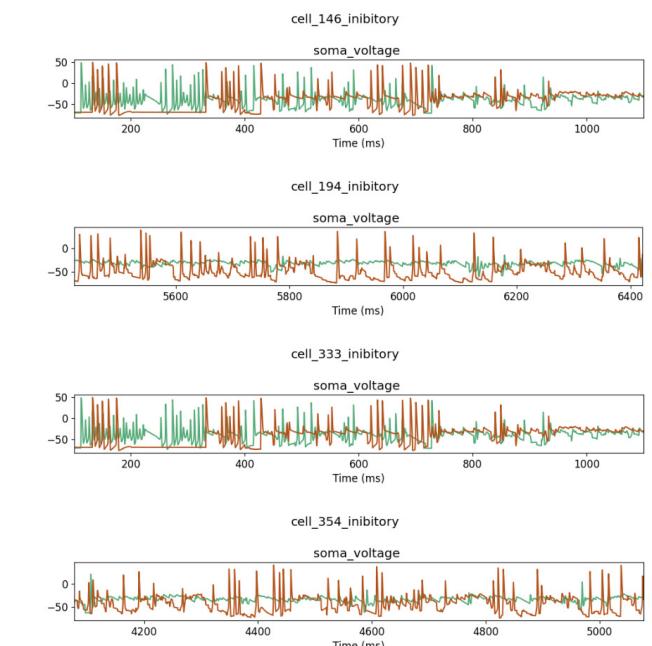
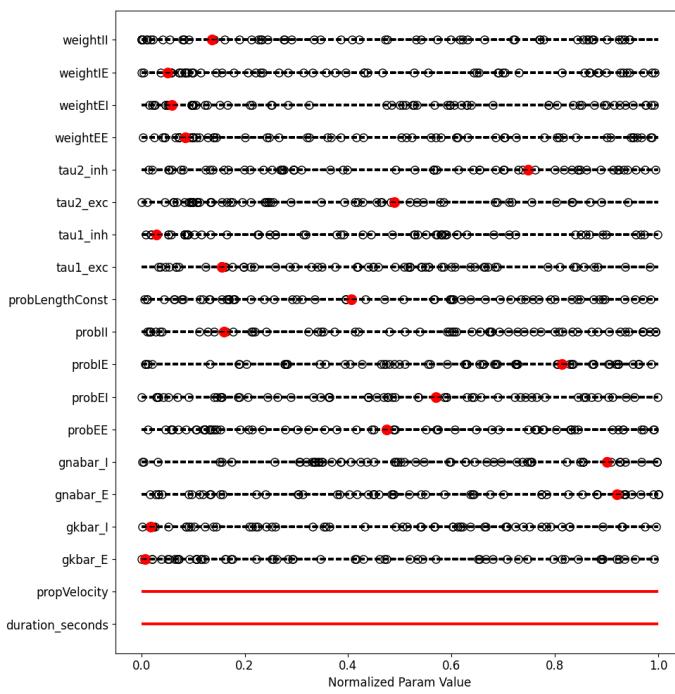
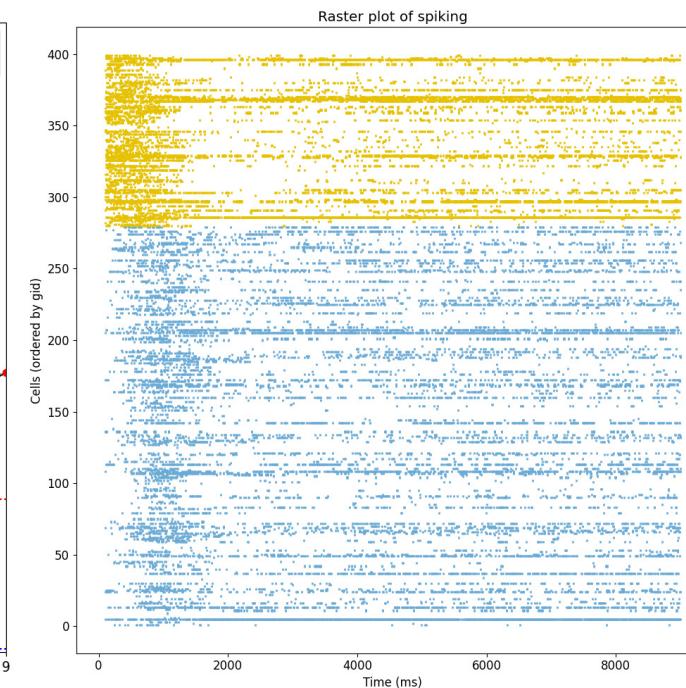
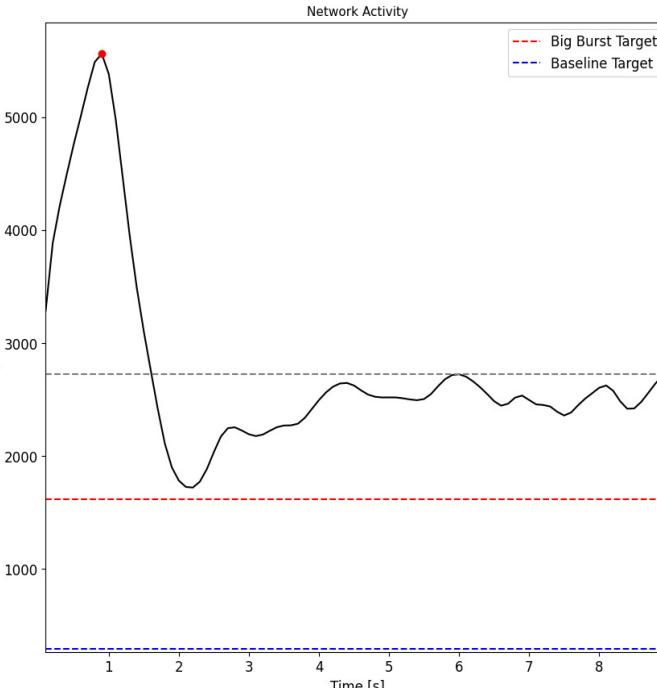


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_13_data.json
SimLabel	gen_0_cand_13
Generation Rank	28/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 4148.802257126275, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.2222222222222222, 'Fit': 1.1116646602870195}
IBI_fitness	{'Value': 8.1, 'Fit': 1.0000623325659}
baseline_fitness	{'Value': 2763.466033027611, 'Fit': 1000}
slopeFitness	{'Value': -15.200041409240173, 'Fit': 1000}
thresh	{'Value': 2727.783256701465, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 59.60264900662252, 'Fit': 1000}
E_rate_fitness	{'Value': 6.841269841269842, 'Fit': 389.1259906388259}
I_rate_fitness	{'Value': 24.611111111111107, 'Fit': 1000}
maxFitness	1000
average_fitness	782.6031431359733
average_scaled_fitness	0.7823855150865907

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

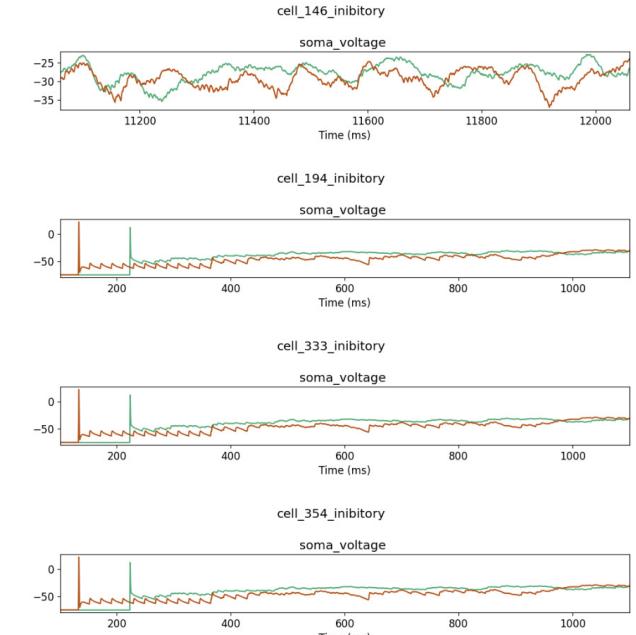
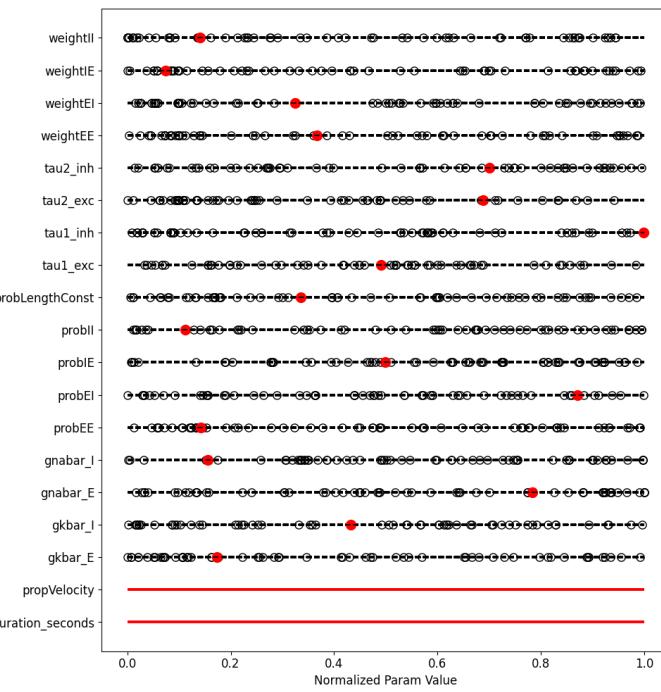
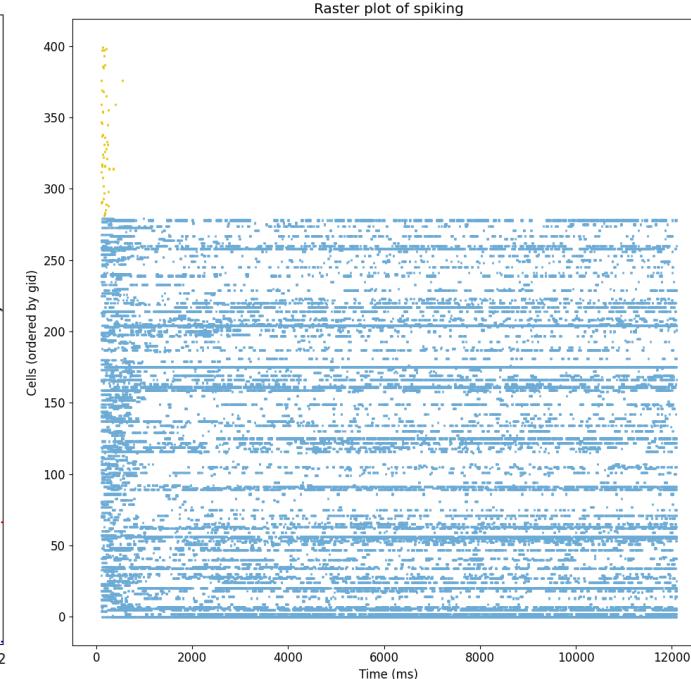
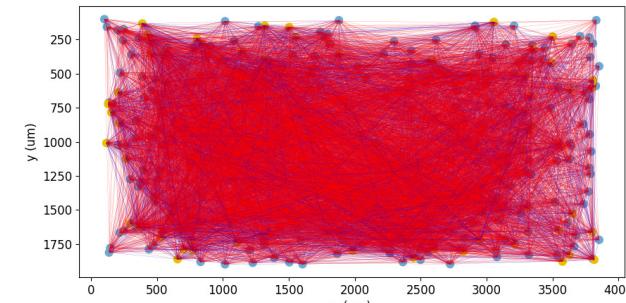


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_14_data.json
SimLabel	gen_0_cand_14
Generation Rank	29/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 0}, 'I': {'target': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 4413.9587988970925, 'Fit': 1000.0}
numBig_Fitness	{'Value': 8, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6611570247933883, 'Fit': 1.72425209513829}
IBI_fitness	{'Value': 1.6428571428571428, 'Fit': 1.0006458426657296}
baseline_fitness	{'Value': 3991.250967419072, 'Fit': 1000}
slopeFitness	{'Value': -6.660903024213297, 'Fit': 783.2097475376522}
thresh	{'Value': 3978.4686152115373, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 80.13245033112582, 'Fit': 1000}
E_rate_fitness	{'Value': 21.5515873015873, 'Fit': 1000}
I_rate_fitness	{'Value': 0.46296296296296297, 'Fit': 1000}
maxFitness	1000
average_fitness	815.4945537896214
average_scaled_fitness	0.8153097442530273

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

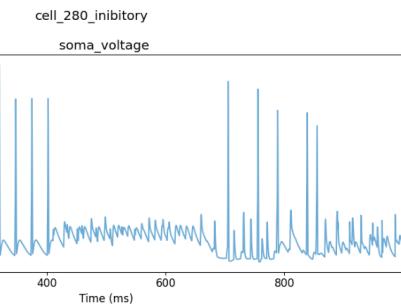
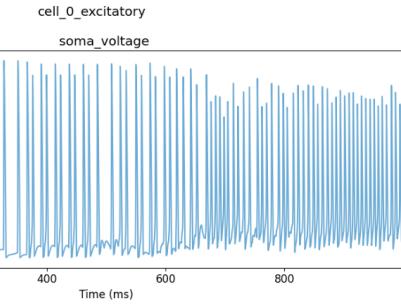
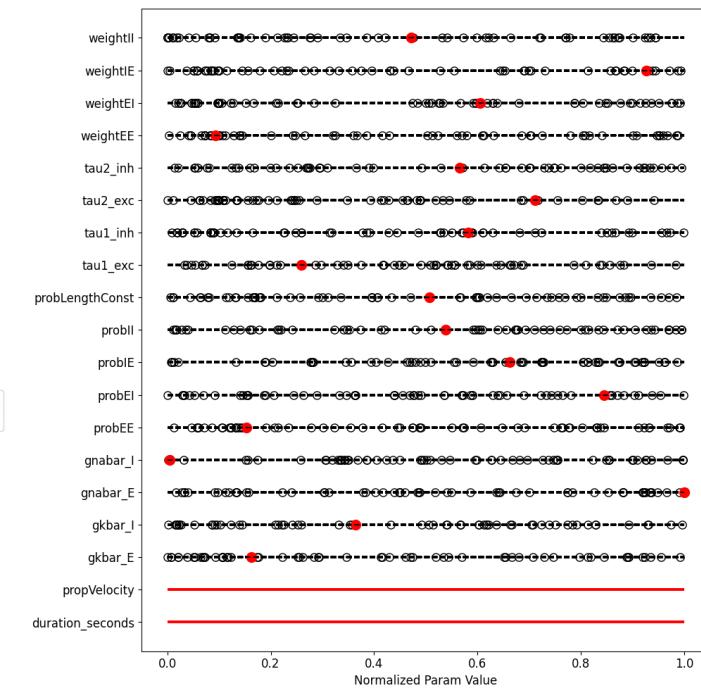
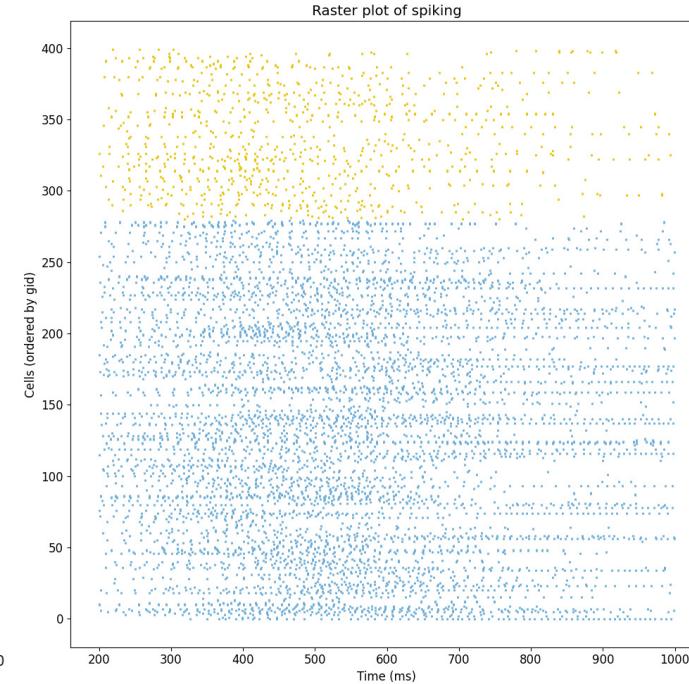
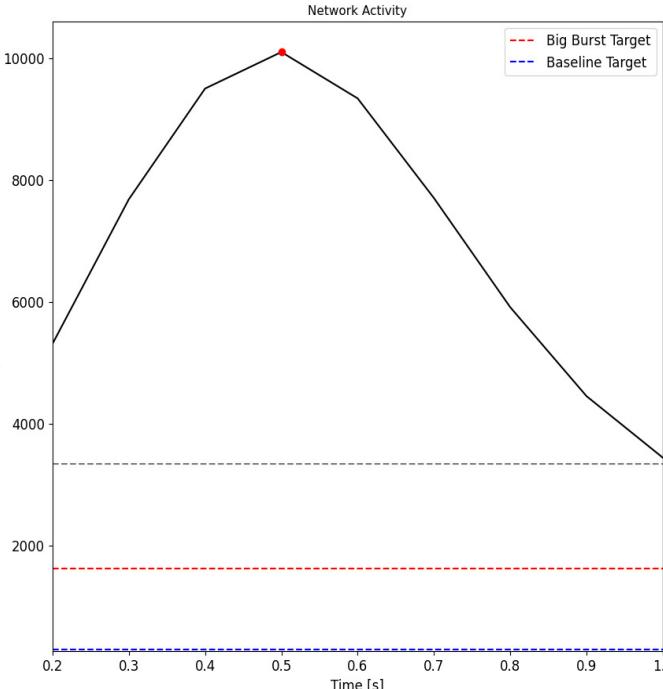
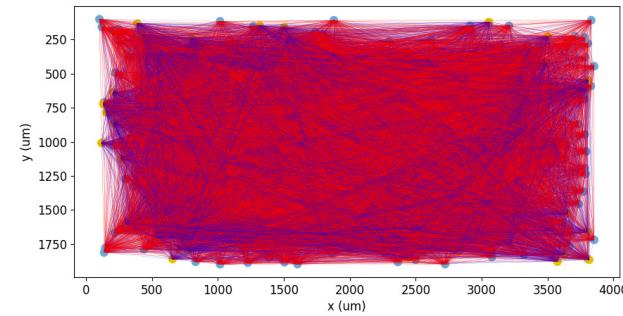


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_15_data.json
SimLabel	gen_0_cand_15
Generation Rank	41/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 10099.430771191392, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 1.0, 'Fit': 1000}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 7047.420083163834, 'Fit': 1000}
slopeFitness	{'Value': -445.9471601723214, 'Fit': 1000}
thresh	{'Value': 3331.8330489810046, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 5.960264900662252, 'Fit': 1000}
E_rate_fitness	{'Value': 22.753968253968253, 'Fit': 1000}
I_rate_fitness	{'Value': 8.416666666666666, 'Fit': 40.69891975160344}
maxFitness	1000
average_fitness	920.0582433126336
average_scaled_fitness	0.9166666666666666

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

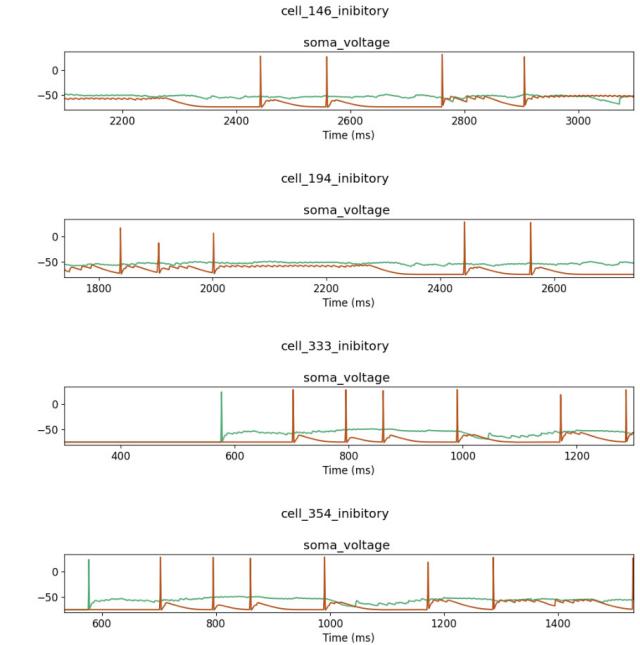
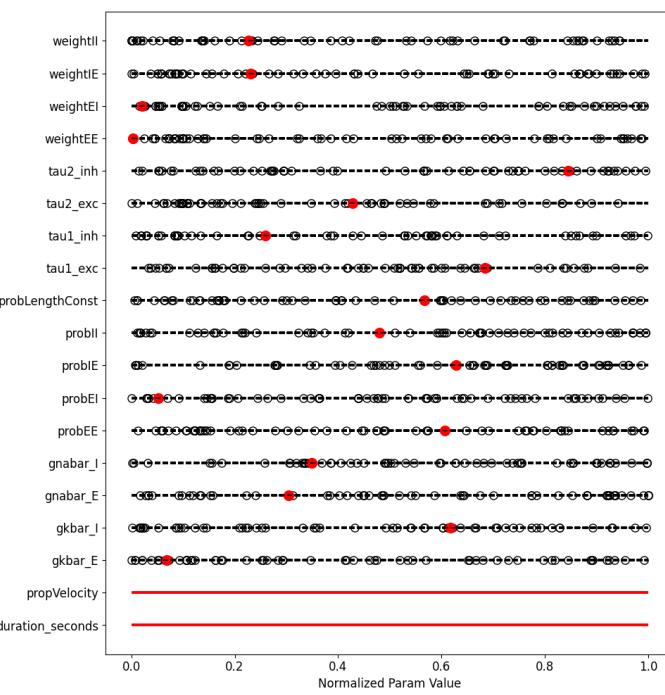
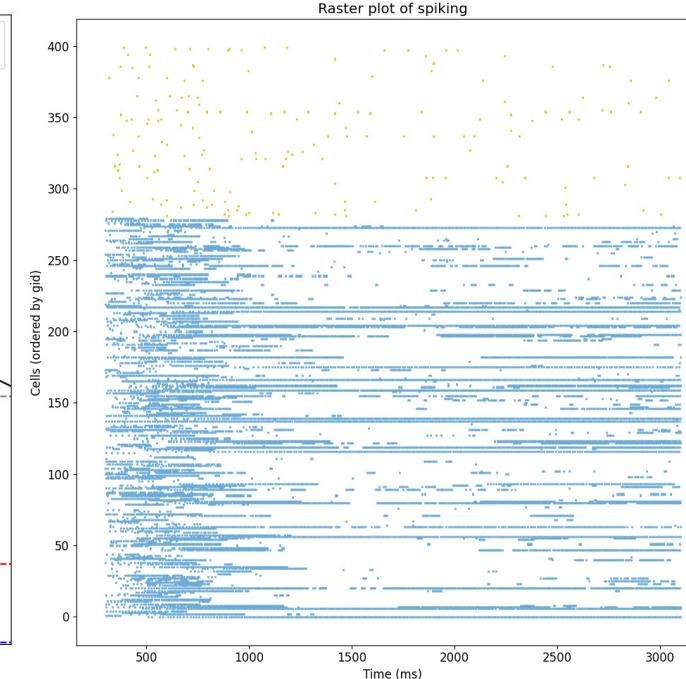
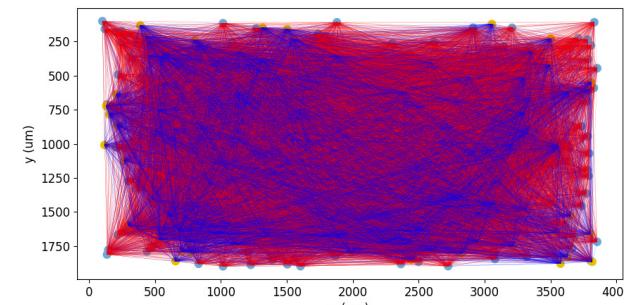


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_17/data.json
SimLabel	gen_0_cand_17
Generation Rank	34/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 7638.469267672712, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6451612903225806, 'Fit': 1.696890831610097}
IBI_fitness	{'Value': 2.3000000000000003, 'Fit': 1.0005864410854}
baseline_fitness	{'Value': 5166.054202085559, 'Fit': 1000}
slopeFitness	{'Value': -153.60887185013303, 'Fit': 1000}
thresh	{'Value': 4475.115925792465, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 19.205298013245034, 'Fit': 1000}
E_rate_fitness	{'Value': 27.297619047619047, 'Fit': 1000}
I_rate_fitness	{'Value': 0.8611111111111112, 'Fit': 1000}
maxFitness	1000
average_fitness	833.5581231060579
average_scaled_fitness	0.8333914168167563

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

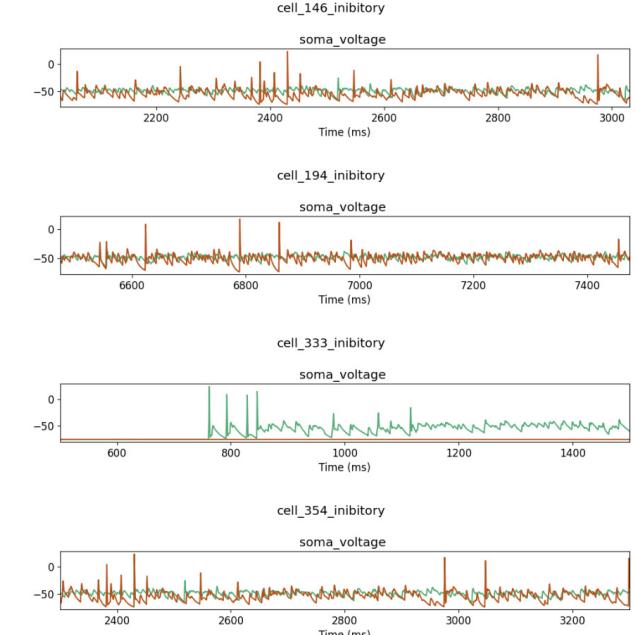
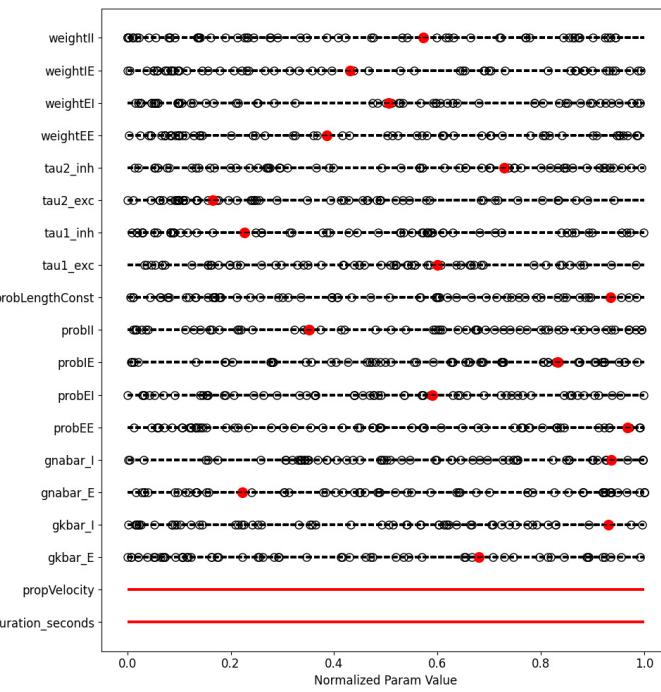
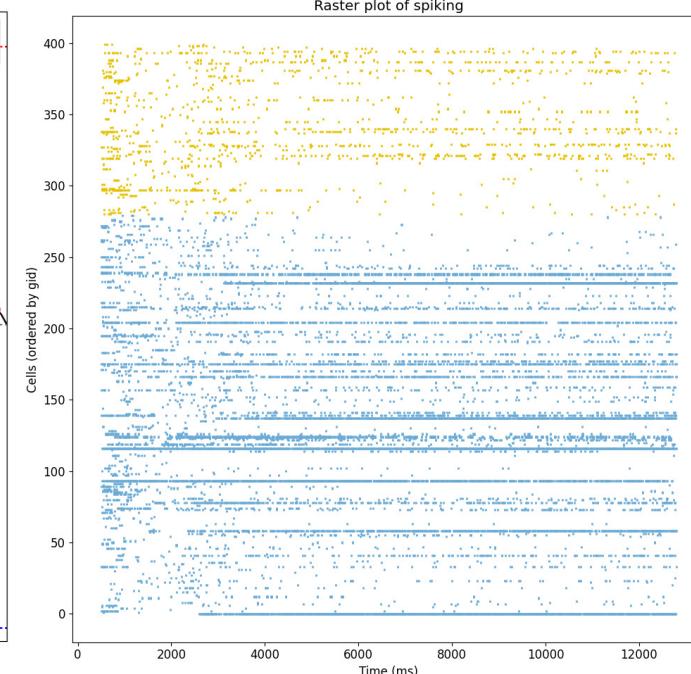
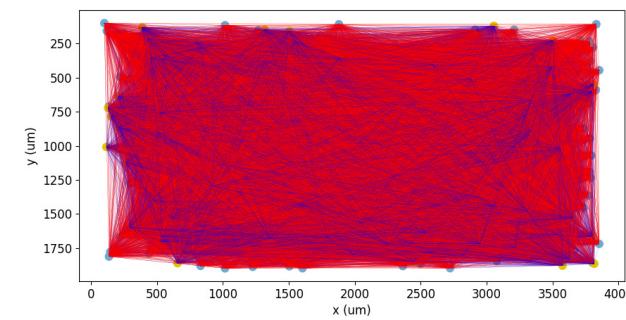


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_18_data.json
SimLabel	gen_0_cand_18
Generation Rank	0/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 1562.145741928589, 'Fit': 1.0001558027416944}
numBig_Fitness	{'Value': 1, 'Percent': 10.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 1031.5118943653201, 'Fit': 1.000582120383591}
numSmall_Fitness	{'Value': 9, 'Percent': 90.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.78125, 'Fit': 1.9442695690592053}
IBI_fitness	{'Value': 1.3222222222222222, 'Fit': 1.00006748262435674}
baseline_fitness	{'Value': 1003.6550486933022, 'Fit': 1000}
slopeFitness	{'Value': -0.8023083352352064, 'Fit': 2.2362622817501534}
thresh	{'Value': 984.8908162855919, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 82.11920529801324, 'Fit': 1000}
E_rate_fitness	{'Value': 3.1230158730158726, 'Fit': 9.446546323715154}
I_rate_fitness	{'Value': 1.9814814814814816, 'Fit': 1000}
maxFitness	1000
average_fitness	501.3857075769911
average_scaled_fitness	0.500886516330072

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

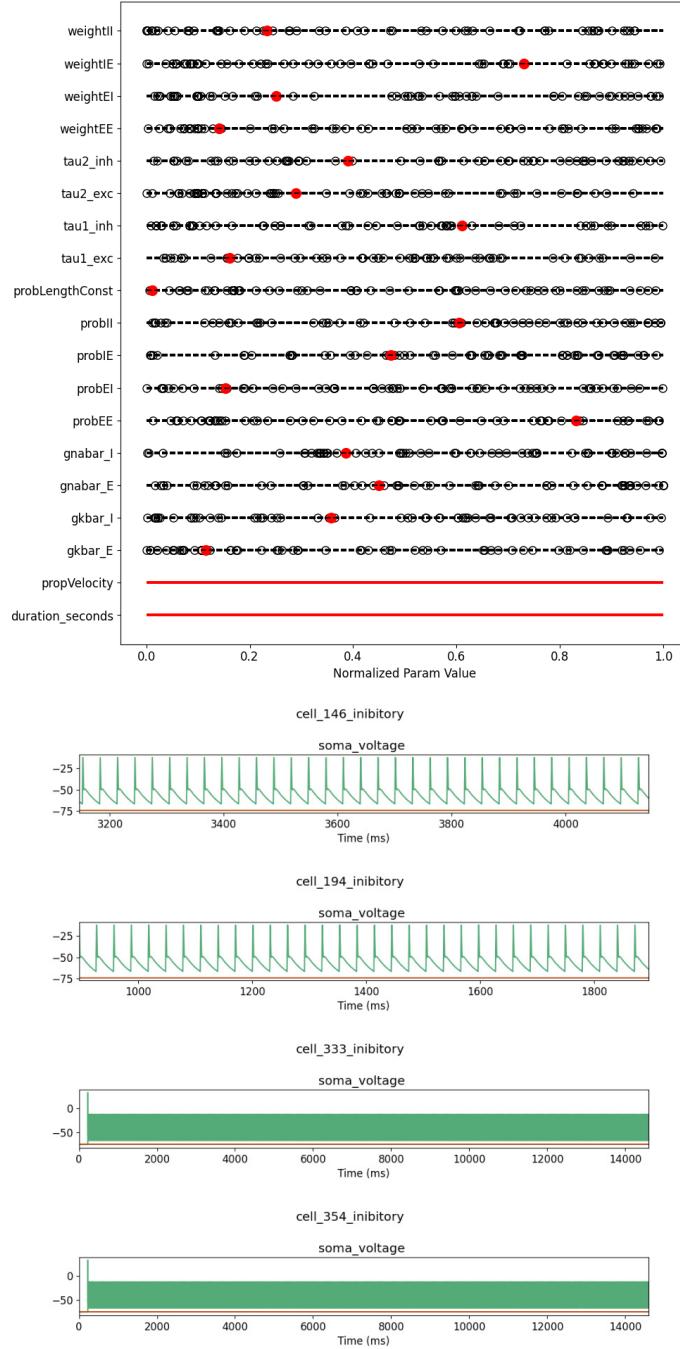
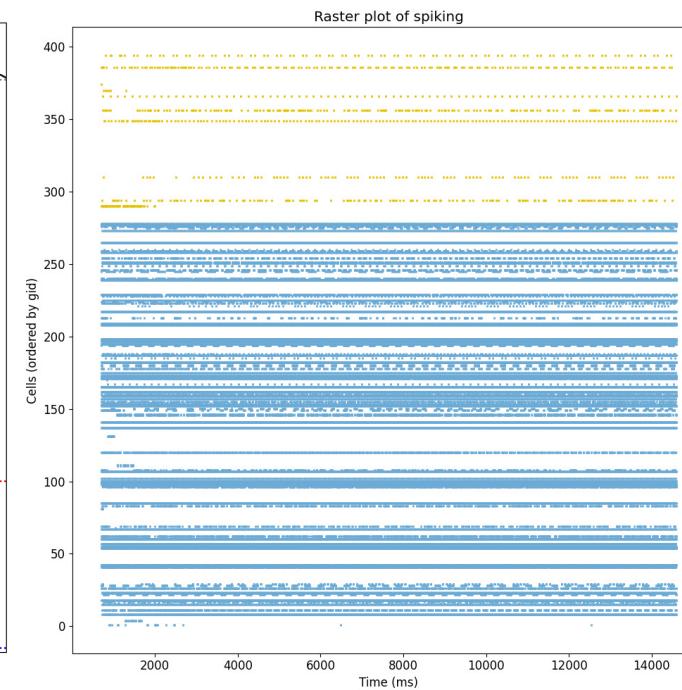
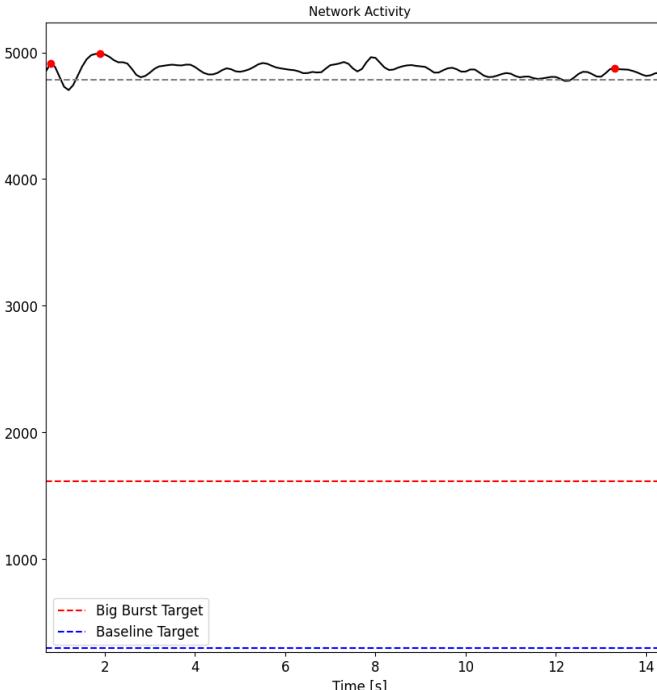


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_19_data.json
SimLabel	gen_0_cand_19
Generation Rank	8/64

Criteria	Targets
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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 4925.869631828623, 'Fit': 1000.0}
numBig_Fitness	{'Value': 3, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.2054794520547945, 'Fit': 1.0932072595492126}
IBI_fitness	{'Value': 6.25, 'Fit': 1.0004653558867629}
baseline_fitness	{'Value': 4860.0807708810025, 'Fit': 1000}
slopeFitness	{'Value': -0.4692746024596848, 'Fit': 1.6028320809863952}
thresh	{'Value': 4785.2693101863615, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 92.71523178807946, 'Fit': 6.12390194161218}
E_rate_fitness	{'Value': 15.13888888888889, 'Fit': 1000}
I_rate_fitness	{'Value': 1.1759259259259258, 'Fit': 1000}
maxFitness	1000
average_fitness	667.485033886503
average_scaled_fitness	0.667152031024766

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

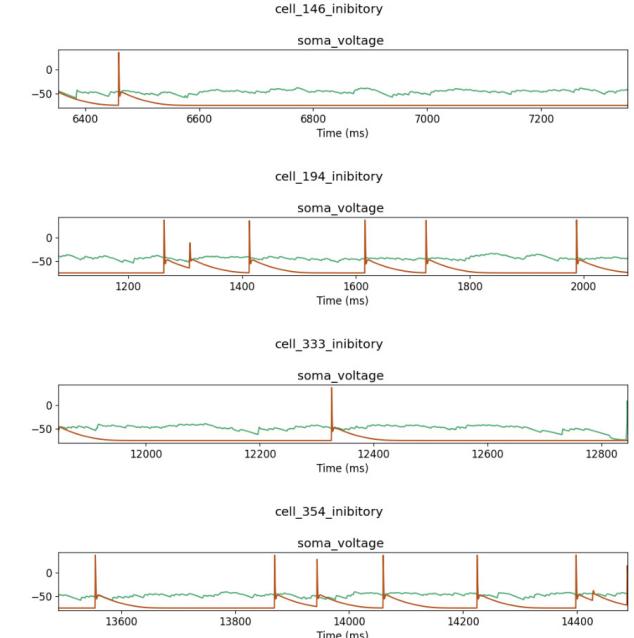
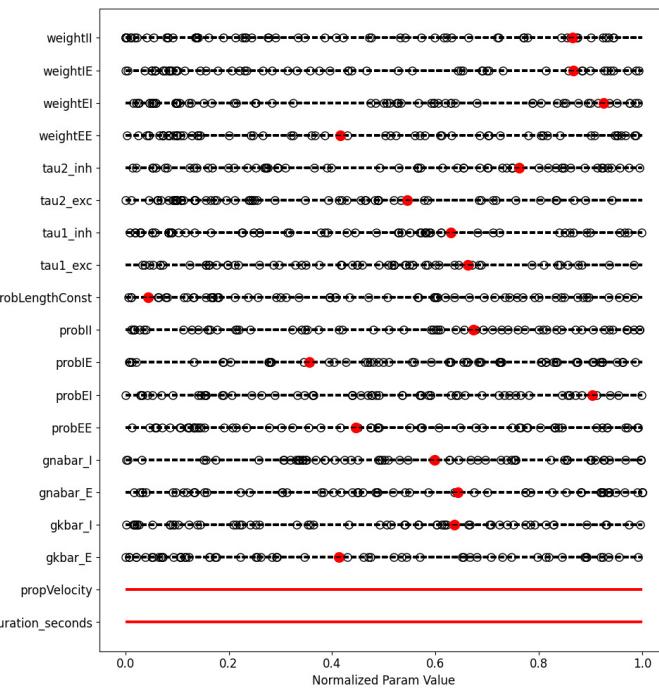
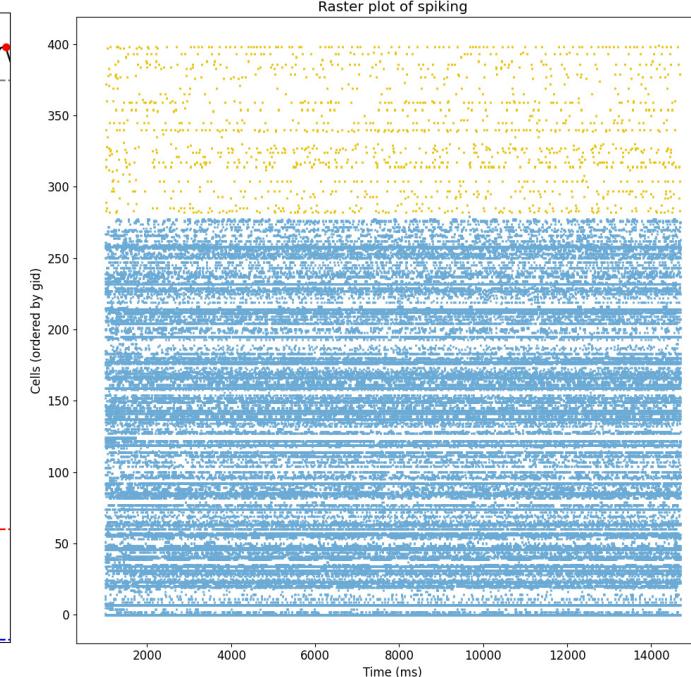
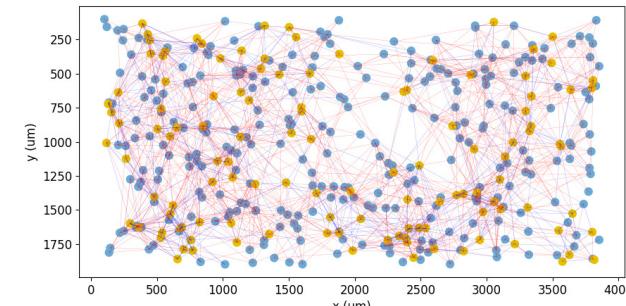


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_21_data.json
SimLabel	gen_0_cand_21
Generation Rank	7/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 7214.542127090634, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.4081632653061224, 'Fit': 1.3388347270312633}
IBI_fitness	{'Value': 2.62, 'Fit': 1.0005575355640293}
baseline_fitness	{'Value': 7175.158912302804, 'Fit': 1000}
slopeFitness	{'Value': -0.5330462480974012, 'Fit': 1.7083769381587692}
thresh	{'Value': 7017.276695039547, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 91.3907284768212, 'Fit': 1.6285599437908804}
E_rate_fitness	{'Value': 18.25, 'Fit': 1000}
I_rate_fitness	{'Value': 1.8796296296296295, 'Fit': 1000}
maxFitness	1000
average_fitness	667.1396940953787
average_scaled_fitness	0.6668063146426921

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

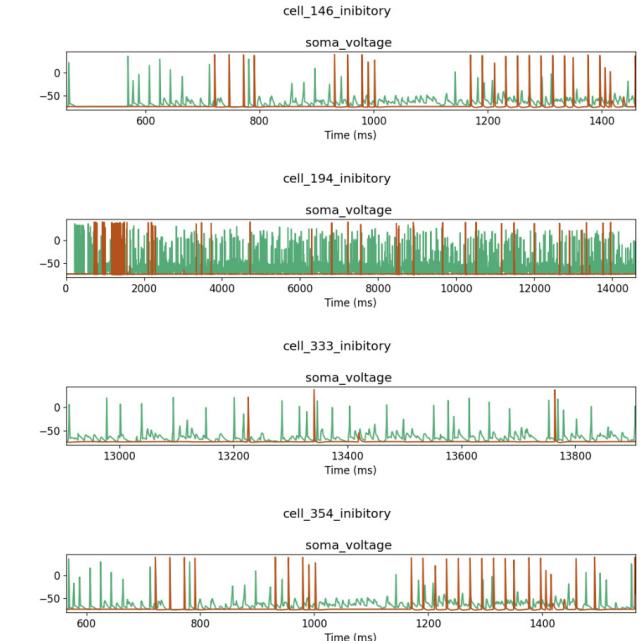
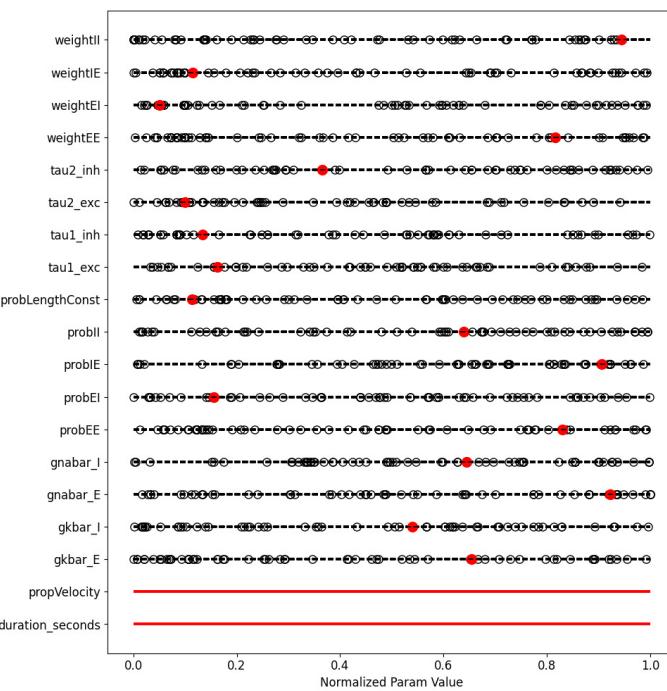
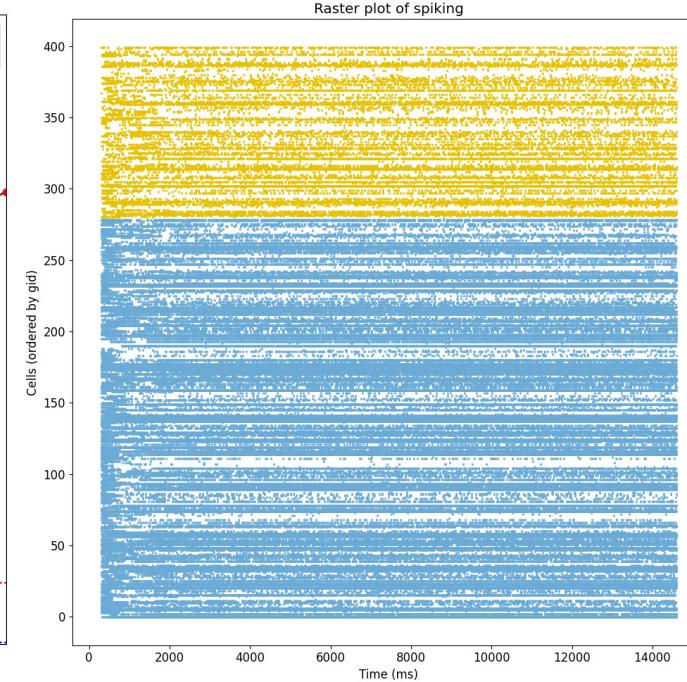
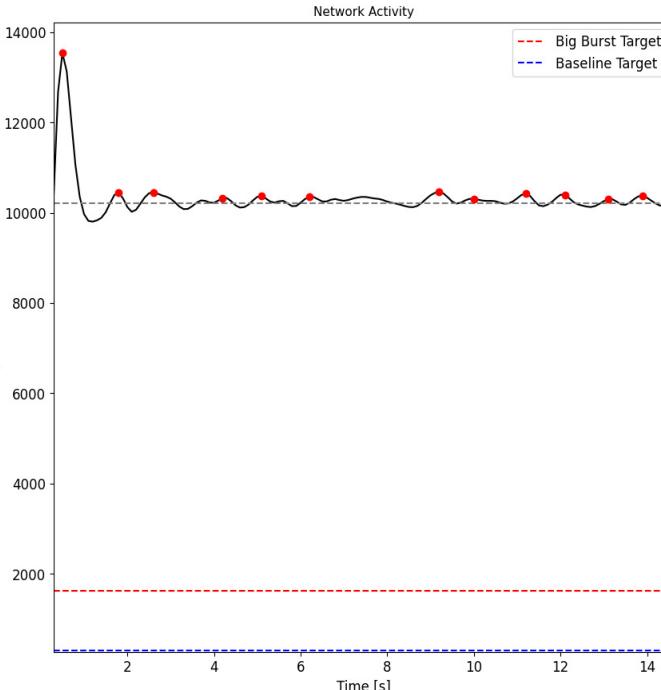
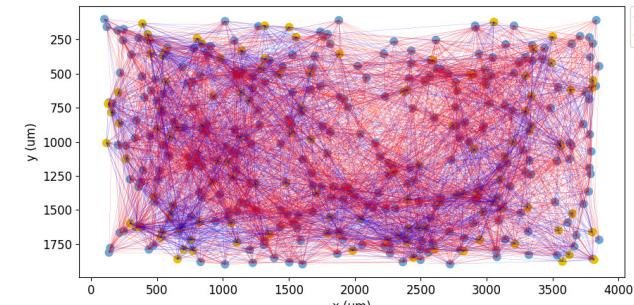


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_22_data.json
SimLabel	gen_0_cand_22
Generation Rank	17/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 10615.230348236953, 'Fit': 1000.0}
numBig_Fitness	{'Value': 13, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.8904109589041095, 'Fit': 2.168525237685891}
IBI_fitness	{'Value': 1.175, 'Fit': 1.000688133350719}
baseline_fitness	{'Value': 10322.839233381499, 'Fit': 1000}
slopeFitness	{'Value': -2.625579923093379, 'Fit': 13.847122312889603}
thresh	{'Value': 10206.40859222647, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 95.36423841059603, 'Fit': 86.59188357614293}
E_rate_fitness	{'Value': 35.166666666666664, 'Fit': 1000}
I_rate_fitness	{'Value': 11.694444444444445, 'Fit': 1000}
maxFitness	1000
average_fitness	675.3006849383391
average_scaled_fitness	0.6749754367148121

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

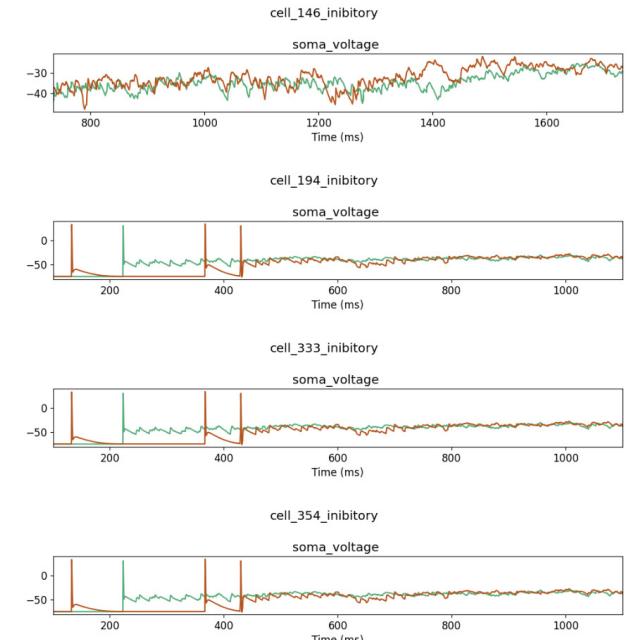
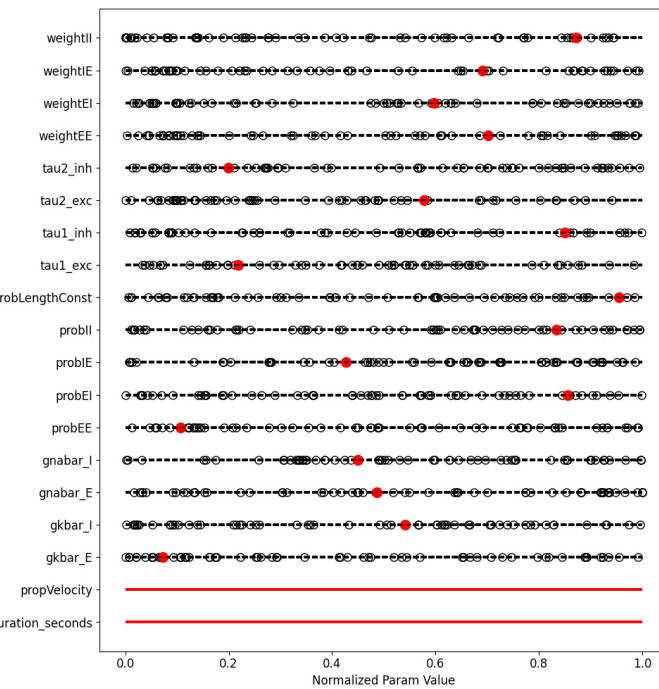
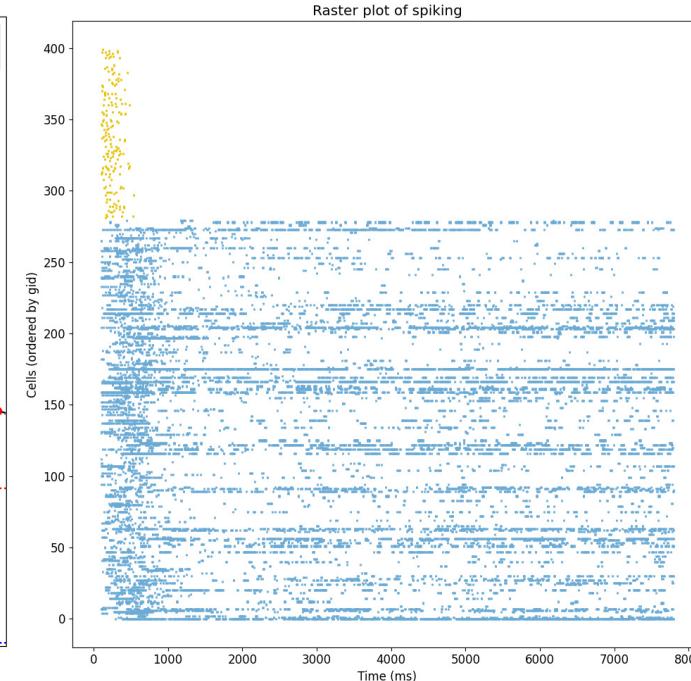
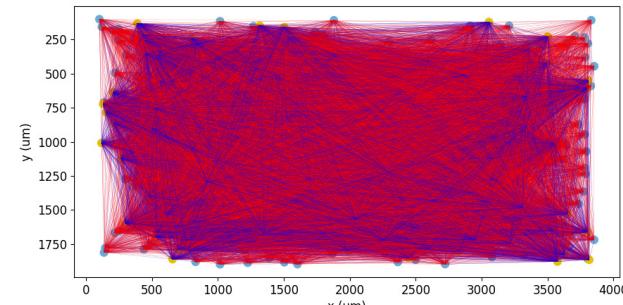


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_25_data.json
SimLabel	gen_0_cand_25
Generation Rank	32/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 3041.6293880407757, 'Fit': 1000.0}
numBig_Fitness	{'Value': 4, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5128205128205128, 'Fit': 1.4865483313614747}
IBI_fitness	{'Value': 2.4, 'Fit': 1.0005774025955037}
baseline_fitness	{'Value': 2293.2870098084795, 'Fit': 1000}
slopeFitness	{'Value': -15.74784055885216, 'Fit': 1000}
thresh	{'Value': 2247.7794176519938, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 51.65562913907284, 'Fit': 1000}
E_rate_fitness	{'Value': 15.448412698412698, 'Fit': 1000}
I_rate_fitness	{'Value': 1.6018518518518519, 'Fit': 1000}
maxFitness	1000
average_fitness	833.540593811163
average_scaled_fitness	0.8333738714722762

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

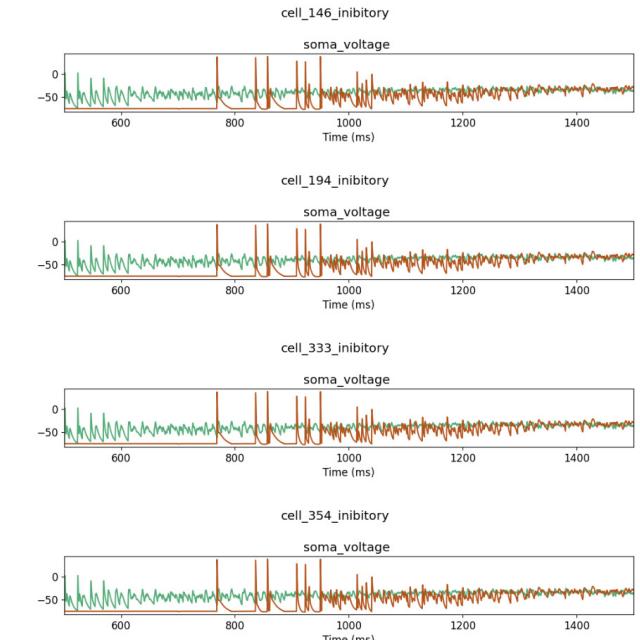
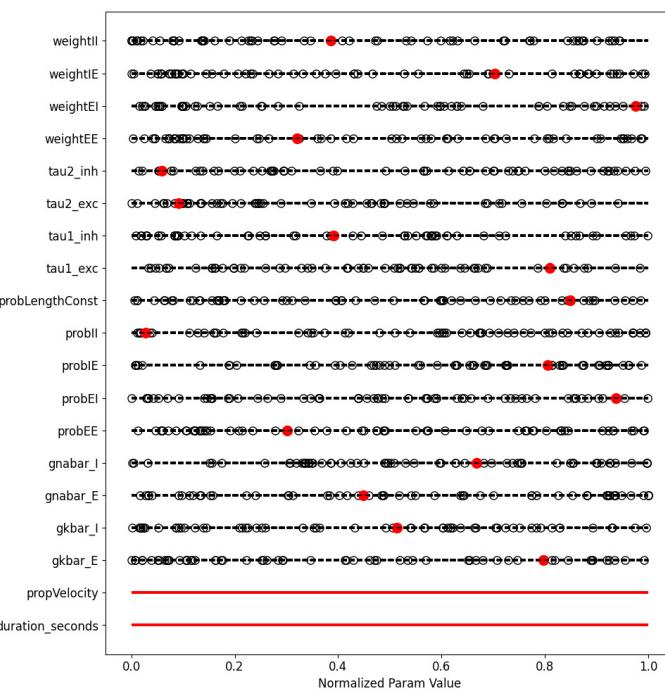
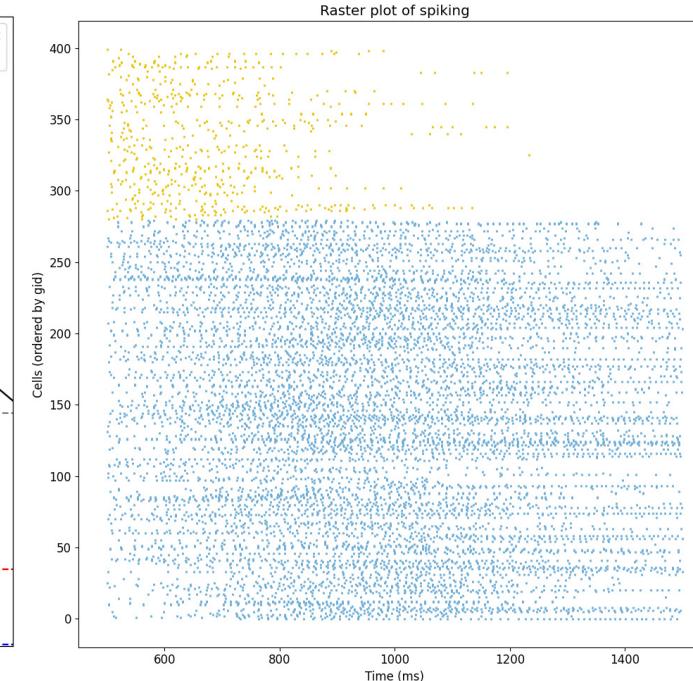
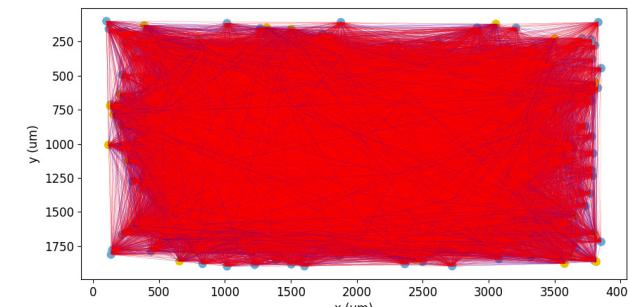


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_28_data.json
SimLabel	gen_0_cand_28
Generation Rank	37/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 10876.086139568342, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6666666666666666, 'Fit': 1.733778325642695}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 8021.796701697466, 'Fit': 1000}
slopeFitness	{'Value': -219.54122608906104, 'Fit': 1000}
thresh	{'Value': 4383.324955071879, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 7.28476821192053, 'Fit': 1000}
E_rate_fitness	{'Value': 19.32936507936508, 'Fit': 1000}
I_rate_fitness	{'Value': 7.62037037037037, 'Fit': 18.355059417462638}
maxFitness	1000
average_fitness	835.0074031452588
average_scaled_fitness	0.8347208457299047

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

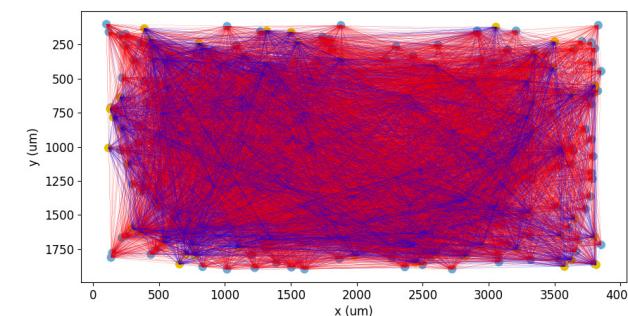


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_30_data.json
SimLabel	gen_0_cand_30
Generation Rank	19/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

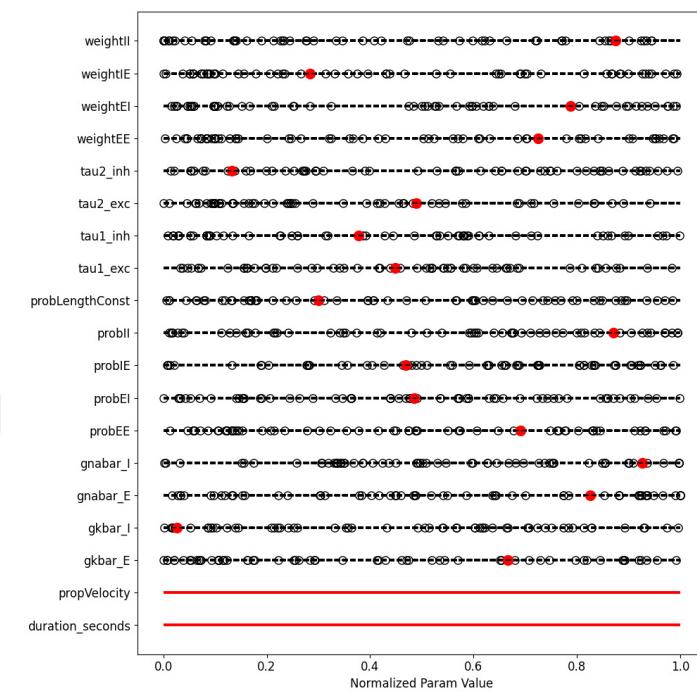
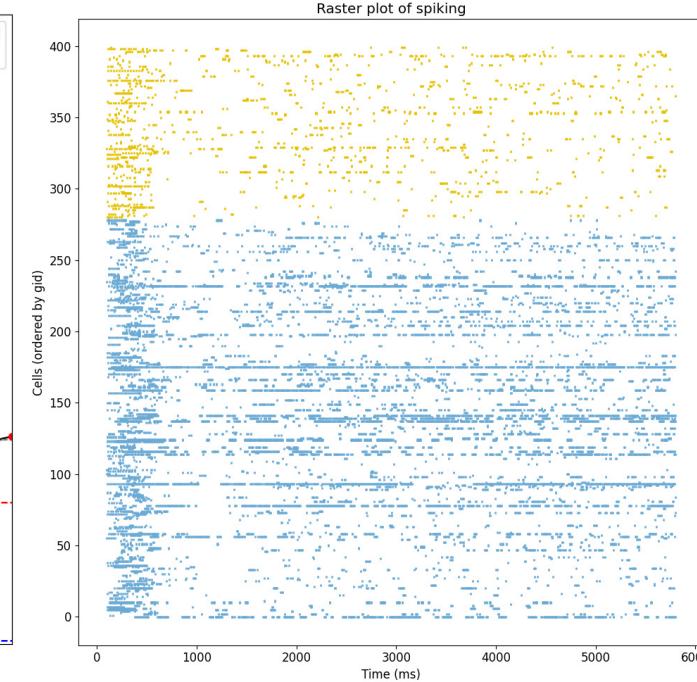
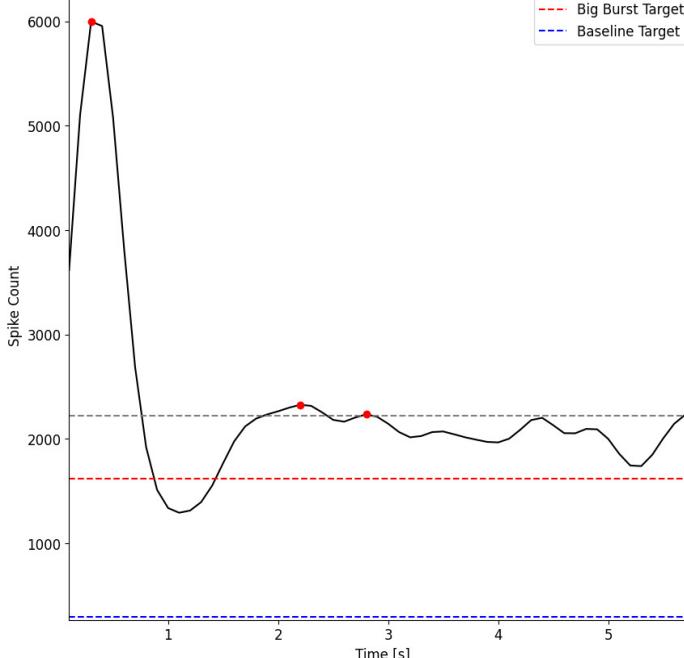
Metric	Value
BigBurstVal_Fitness	{'Value': 3203.1811301691396, 'Fit': 1000.0}
numBig_Fitness	{'Value': 4, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.689655172413793, 'Fit': 1.7740969555861443}
IBI_fitness	{'Value': 1.8333333333333333, 'Fit': 1.0006286266020874}
baseline_fitness	{'Value': 2317.7939324599006, 'Fit': 1000}
slopeFitness	{'Value': -25.074073416509496, 'Fit': 1000}
thresh	{'Value': 2220.961350701764, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 38.41059602649007, 'Fit': 1000}
E_rate_fitness	{'Value': 12.49206349206349, 'Fit': 1000}
I_rate_fitness	{'Value': 4.898148148148148, 'Fit': 1.2064510481788102}
maxFitness	1000
average_fitness	750.3317647191974
average_scaled_fitness	0.750081689303202

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

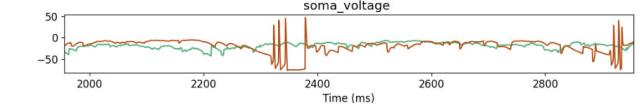


Network Activity

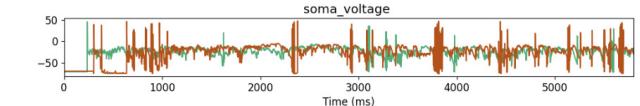
--- Big Burst Target
--- Baseline Target



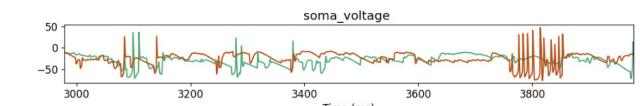
cell_146_inhibitory



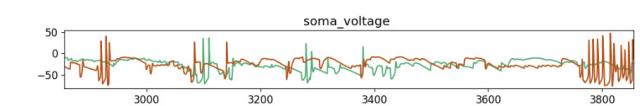
cell_194_inhibitory



cell_333_inhibitory



cell_354_inhibitory

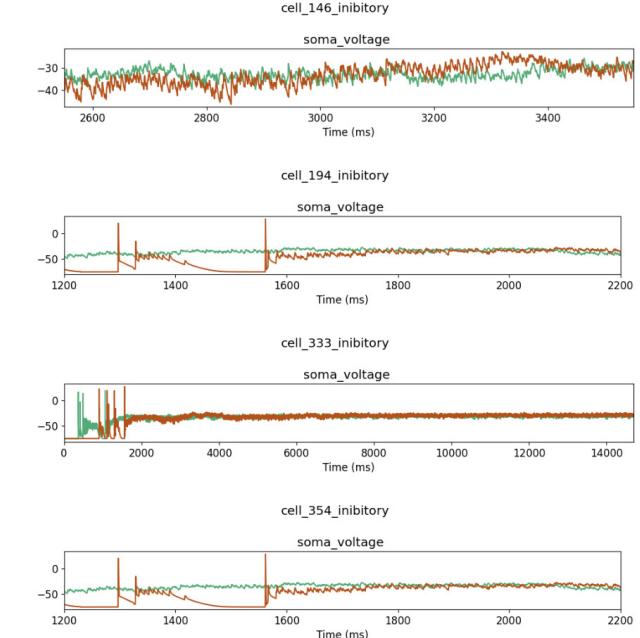
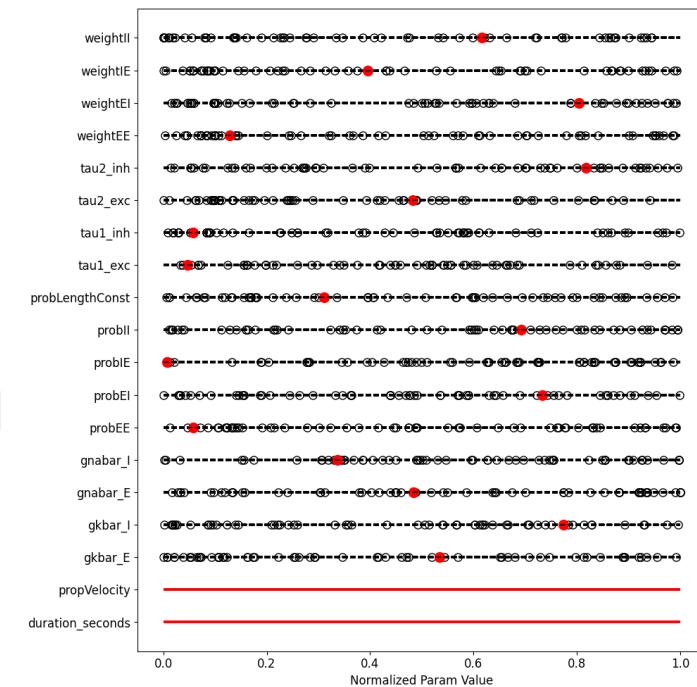
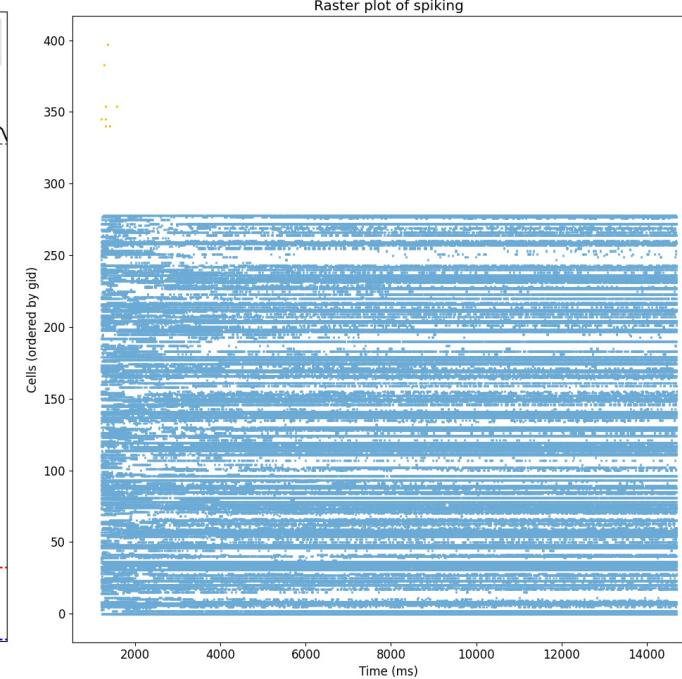
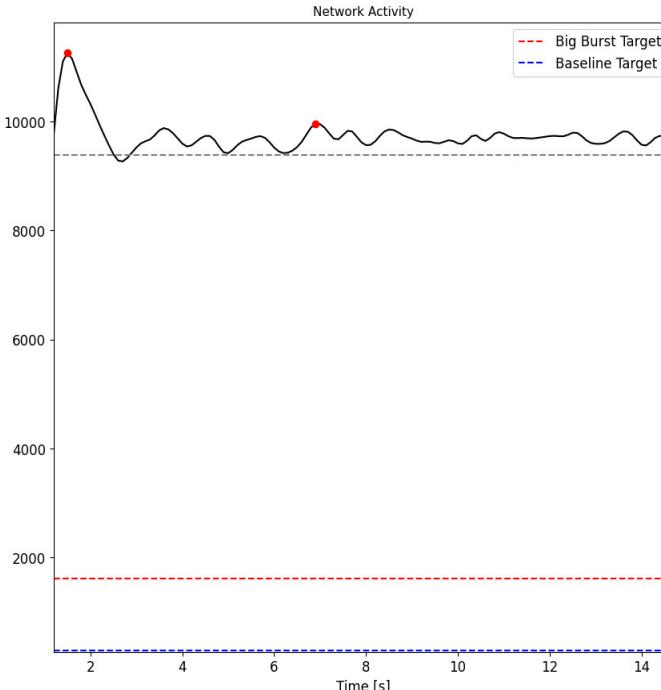
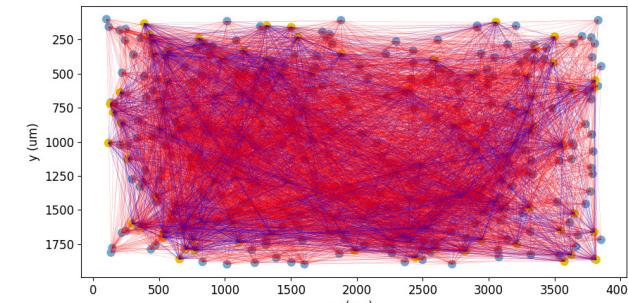


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_31_data.json
SimLabel	gen_0_cand_31
Generation Rank	9/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 10609.24798043447, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.13605442176870747, 'Fit': 1.0198859276502217}
IBI_fitness	{'Value': 5.4, 'Fit': 1.0003062799564615}
baseline_fitness	{'Value': 9740.257842300847, 'Fit': 1000}
slopeFitness	{'Value': -2.296086683564591, 'Fit': 9.960070962037289}
thresh	{'Value': 9381.12599788707, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 90.06622516556291, 'Fit': 2.308982974937318}
E_rate_fitness	{'Value': 9.61111111111111, 'Fit': 1000}
I_rate_fitness	{'Value': 1.1018518518518519, 'Fit': 1000}
maxFitness	1000
average_fitness	667.857437178715
average_scaled_fitness	0.6675248602084523

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

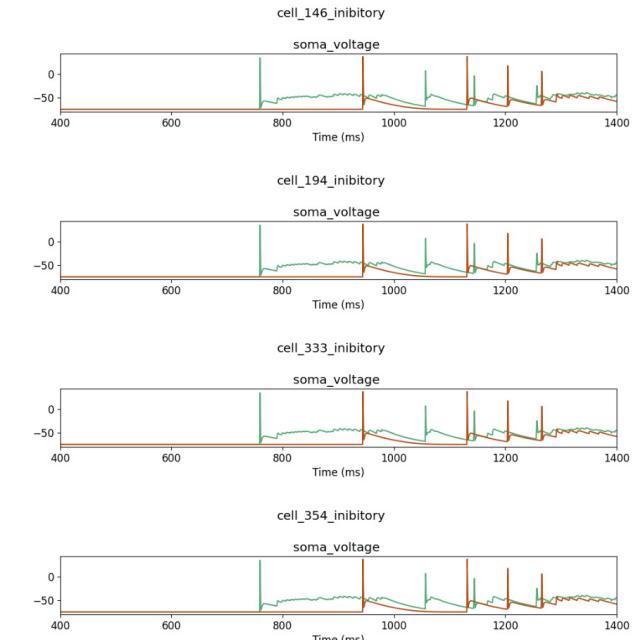
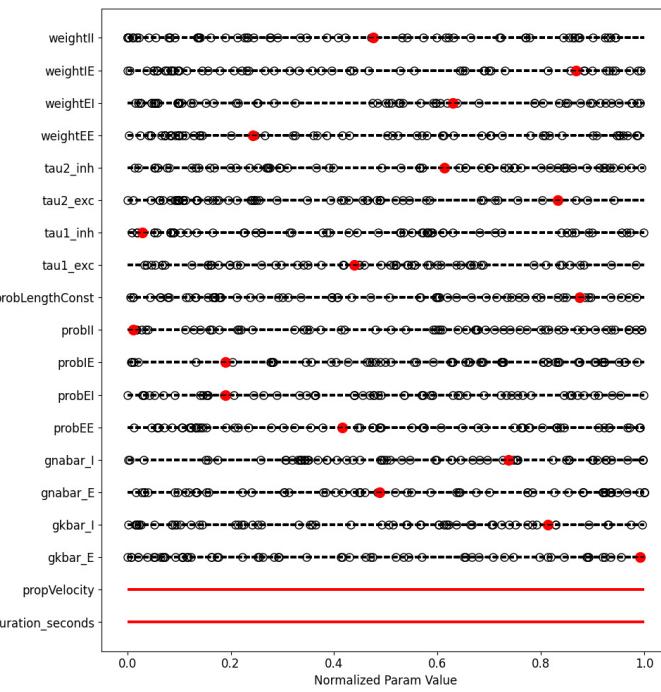
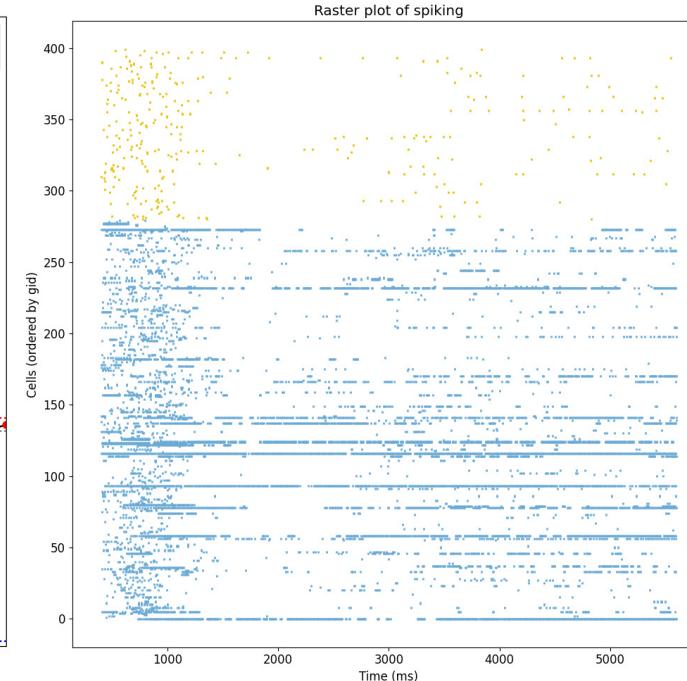
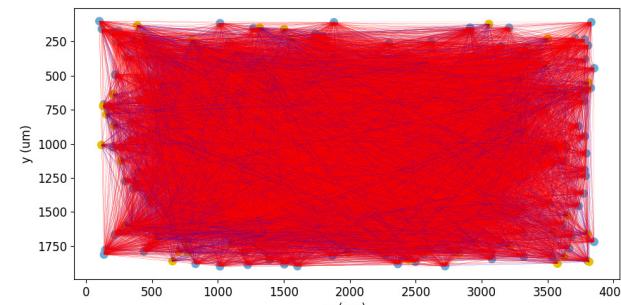


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_32_data.json
SimLabel	gen_0_cand_32
Generation Rank	26/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 2349.158546126582, 'Fit': 334.0000750919009}
numBig_Fitness	{'Value': 3, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5357142857142857, 'Fit': 1.5209735896970777}
IBI_fitness	{'Value': 2.4000000000000004, 'Fit': 1.00057740342561}
baseline_fitness	{'Value': 1621.1704046038446, 'Fit': 1000}
slopeFitness	{'Value': -22.205081989600565, 'Fit': 1000}
thresh	{'Value': 1539.7782293528041, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 35.099337748344375, 'Fit': 1000}
E_rate_fitness	{'Value': 8.880952380952381, 'Fit': 1000}
I_rate_fitness	{'Value': 1.5, 'Fit': 1000}
maxFitness	1000
average_fitness	778.0434688404185
average_scaled_fitness	0.7778211617153117

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

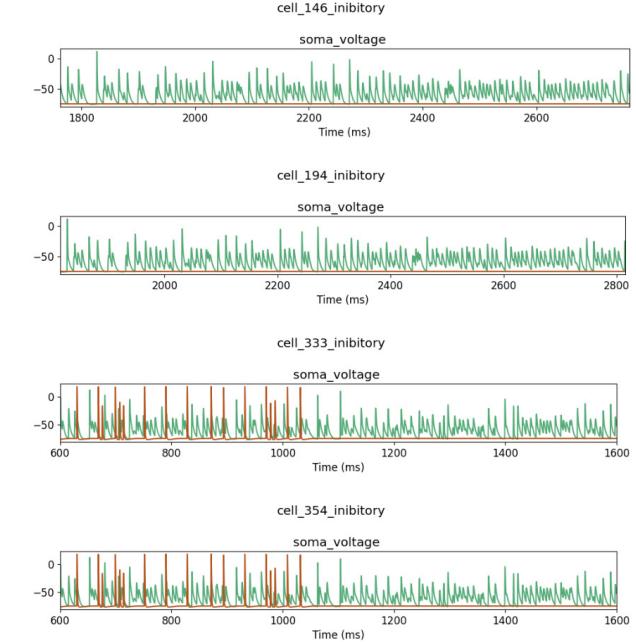
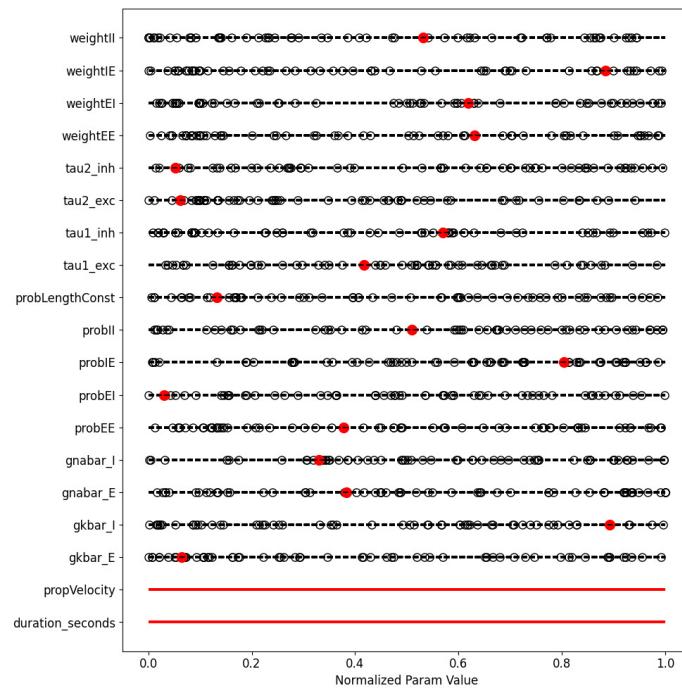
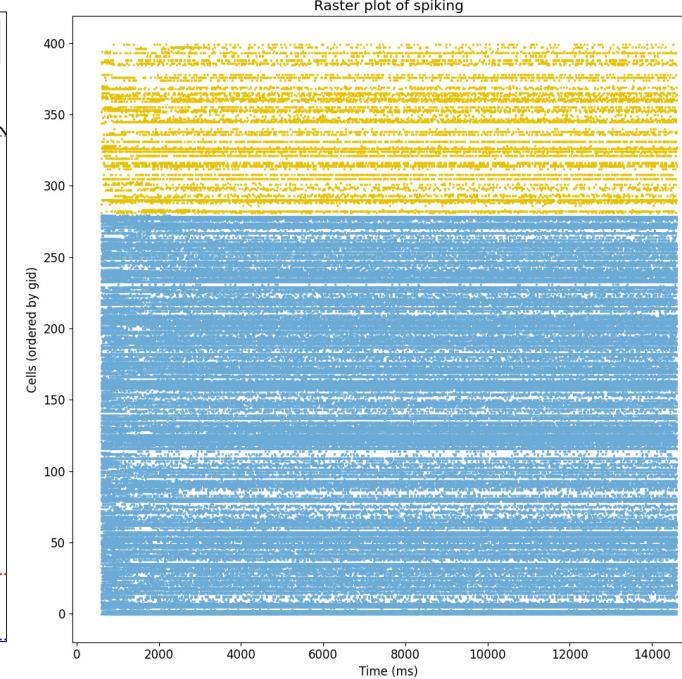
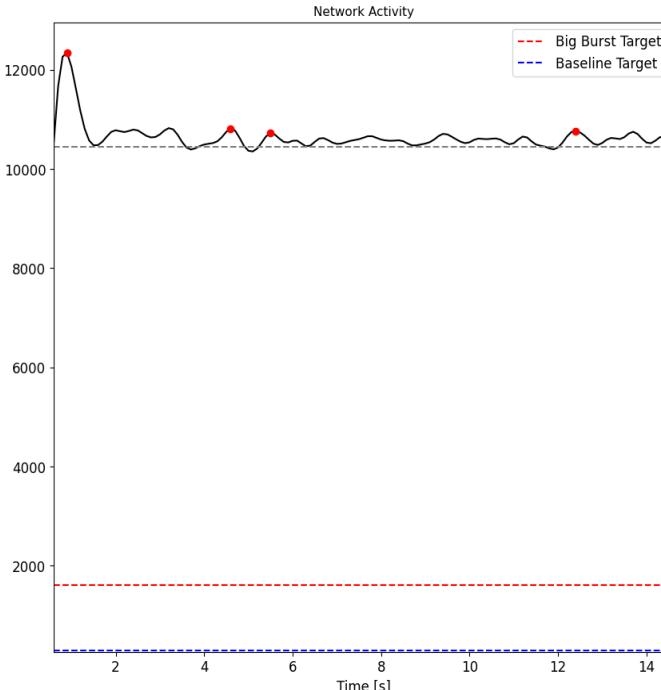
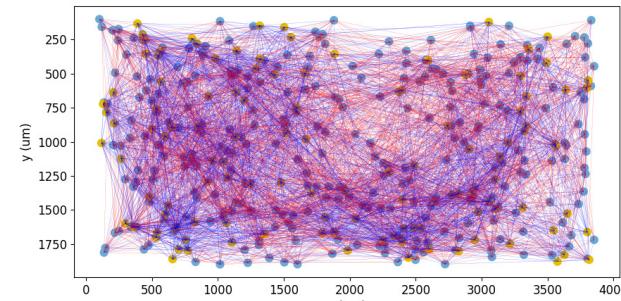


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_34_data.json
SimLabel	gen_0_cand_34
Generation Rank	2/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 0}, 'I': {'target': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 11159.722130331884, 'Fit': 1000.0}
numBig_Fitness	{'Value': 4, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.273972602739726, 'Fit': 1.1707083188746092}
IBI_fitness	{'Value': 3.8333333333333335, 'Fit': 1.0004478814857072}
baseline_fitness	{'Value': 10645.303302782066, 'Fit': 1000}
slopeFitness	{'Value': -2.517229648673849, 'Fit': 12.425206125007607}
thresh	{'Value': 10437.75368964581, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 93.37748344370861, 'Fit': 11.875187284818281}
E_rate_fitness	{'Value': 29.769841269841272, 'Fit': 1000}
I_rate_fitness	{'Value': 4.9907407407407405, 'Fit': 1.3234945495149208}
maxFitness	1000
average_fitness	585.6495870133084
average_scaled_fitness	0.5852346358834645

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

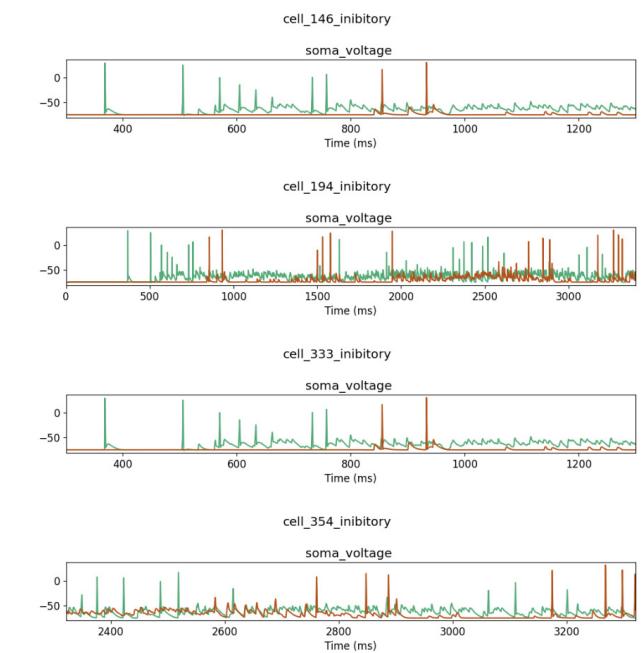
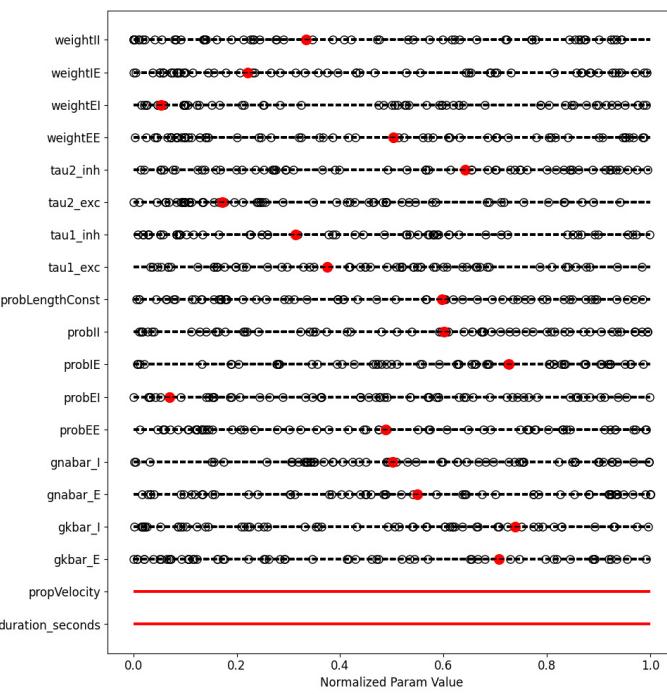
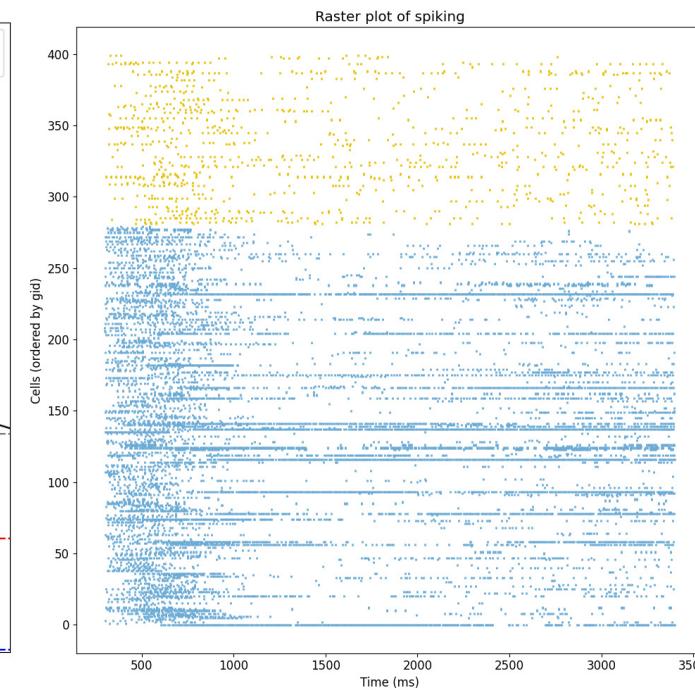
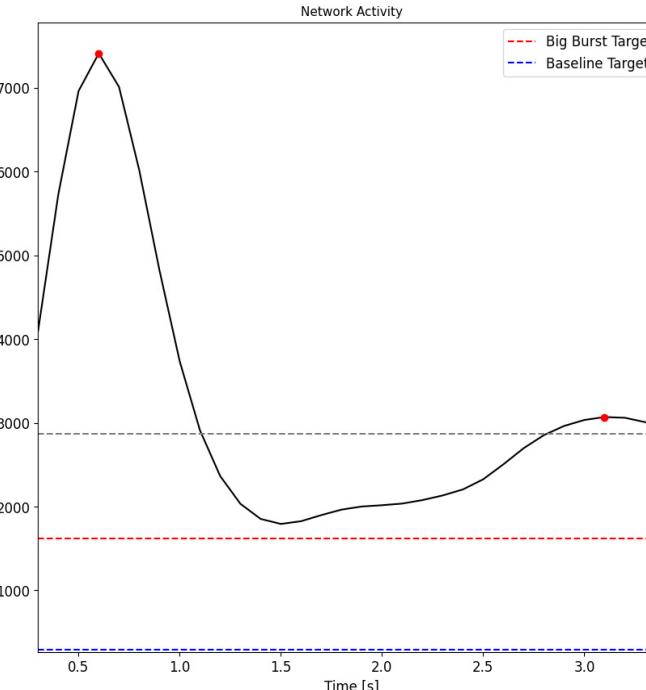


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_36_data.json
SimLabel	gen_0_cand_36
Generation Rank	21/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 5239.101539108016, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.588235294117647, 'Fit': 1.6029916389767365}
IBI_fitness	{'Value': 2.5, 'Fit': 1.0005683638062235}
baseline_fitness	{'Value': 3229.111707077922, 'Fit': 1000}
slopeFitness	{'Value': -98.63008104407983, 'Fit': 1000}
thresh	{'Value': 2872.4858836710514, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 21.192052980132452, 'Fit': 1000}
E_rate_fitness	{'Value': 17.841269841269842, 'Fit': 1000}
I_rate_fitness	{'Value': 4.138888888888889, 'Fit': 1.7710564402083744}
maxFitness	1000
average_fitness	750.3645513702492
average_scaled_fitness	0.7501145238682573

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

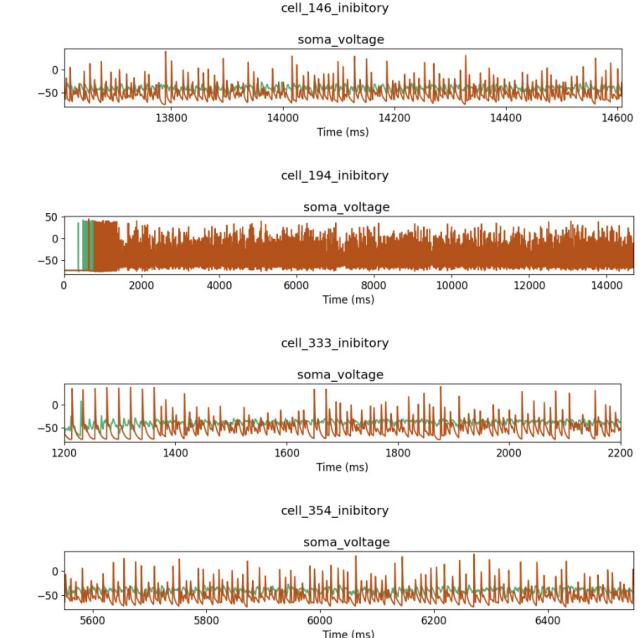
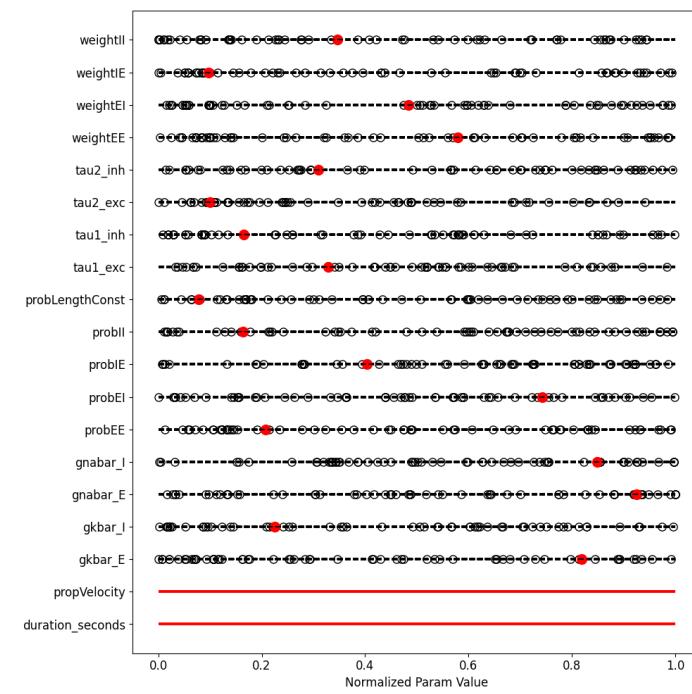
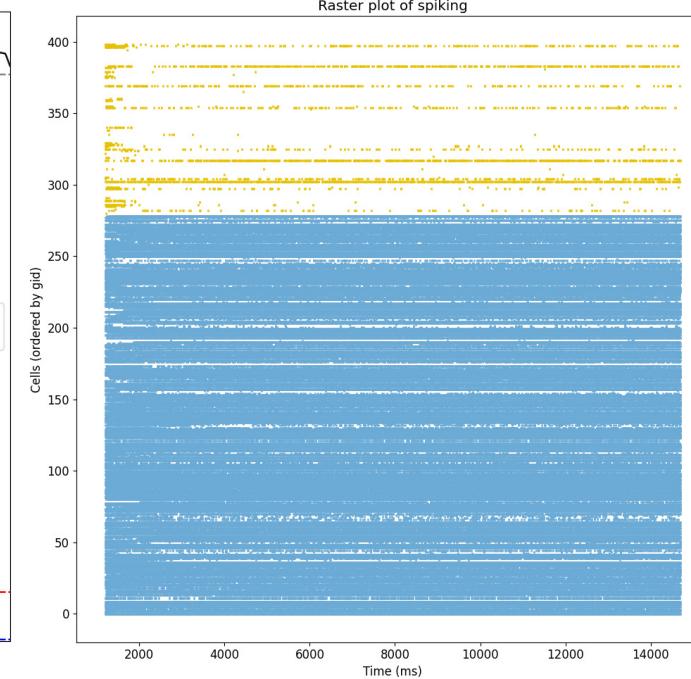
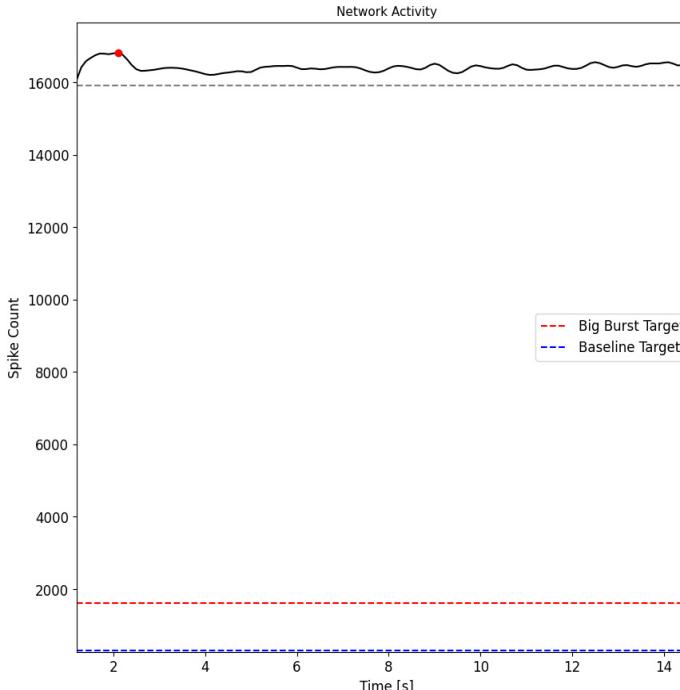
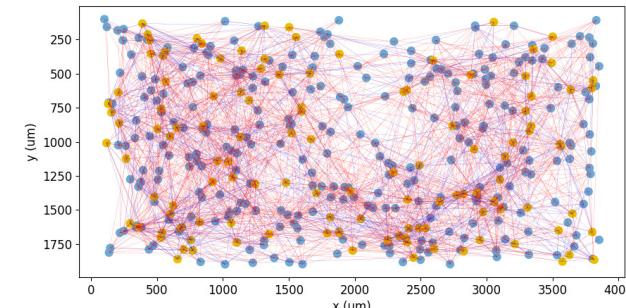


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_37_data.json
SimLabel	gen_0_cand_37
Generation Rank	22/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 16817.918407912333, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.06802721088435373, 'Fit': 1.0495236824453669}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 16418.51505186266, 'Fit': 1000}
slopeFitness	{'Value': -0.018283834259078383, 'Fit': 1.020998782749848}
thresh	{'Value': 15907.36427310423, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 90.06622516556291, 'Fit': 2.308982974937318}
E_rate_fitness	{'Value': 21.47222222222222, 'Fit': 1000}
I_rate_fitness	{'Value': 18.37962962962963, 'Fit': 1000}
maxFitness	1000
average_fitness	750.3649587866777
average_scaled_fitness	0.7501098212183205

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

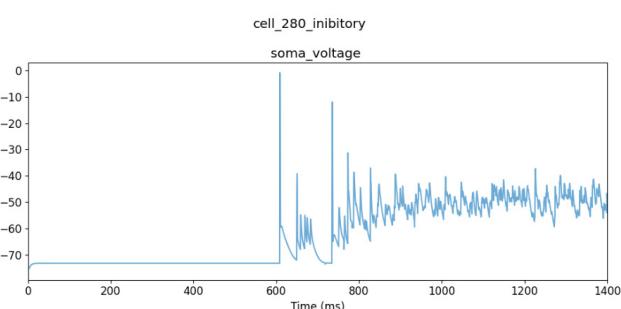
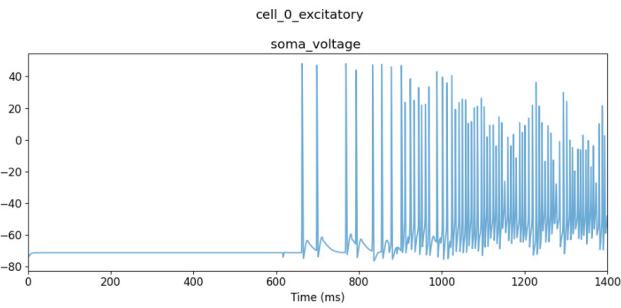
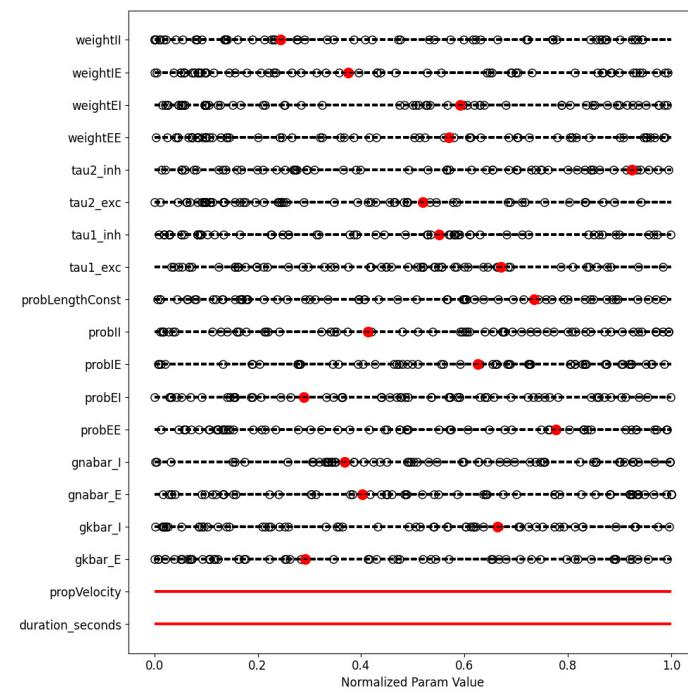
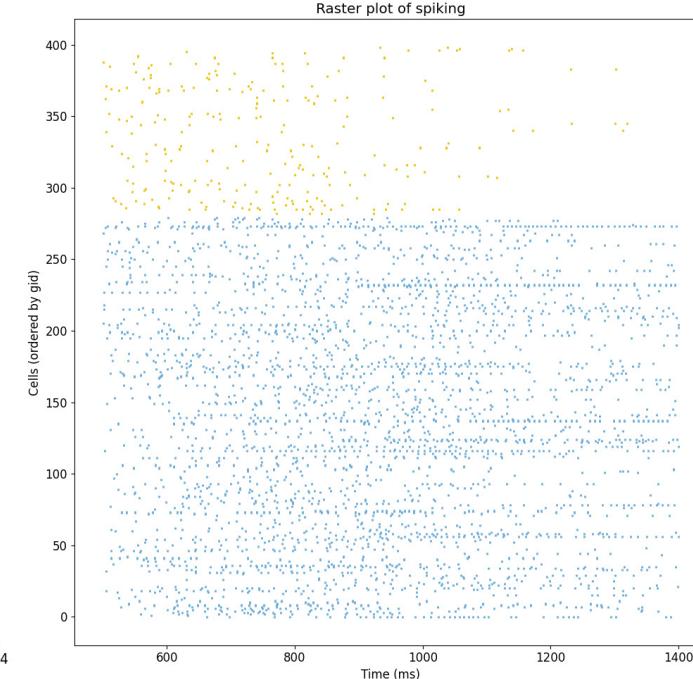
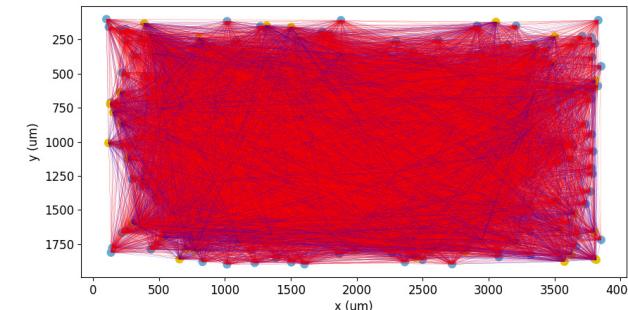


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_40_data.json
SimLabel	gen_0_cand_40
Generation Rank	36/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 2.6321000001}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 4343.219551990569, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.7142857142857142, 'Fit': 1.818336510519313}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 3343.517903900877, 'Fit': 1000}
slopeFitness	{'Value': -115.66553872567744, 'Fit': 1000}
thresh	{'Value': 1864.2830963837903, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 6.622516556291391, 'Fit': 1000}
E_rate_fitness	{'Value': 8.706349206349206, 'Fit': 1000}
I_rate_fitness	{'Value': 2.972222222222222, 'Fit': 5.687341376703562}
maxFitness	1000
average_fitness	833.958806490602
average_scaled_fitness	0.8336563377362142

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

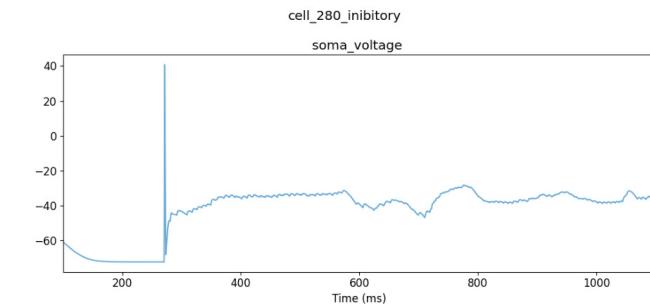
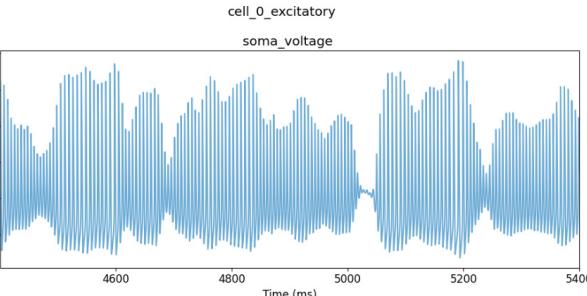
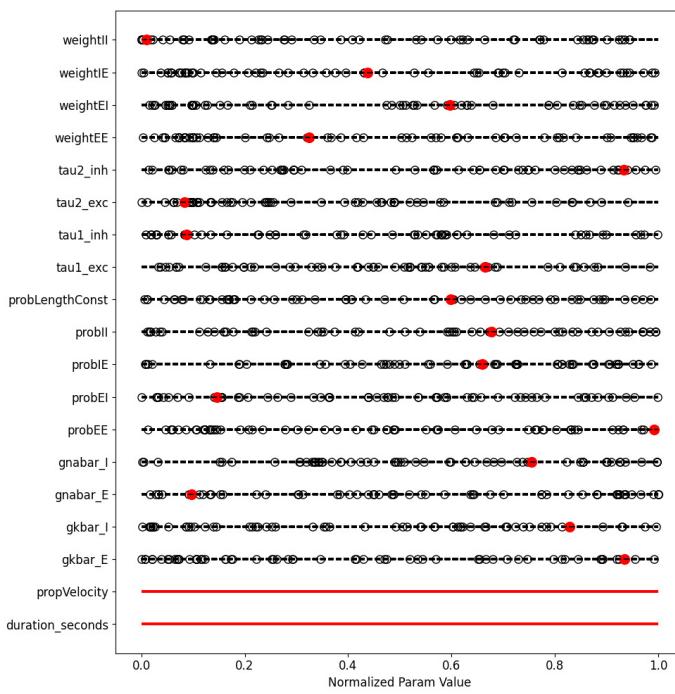
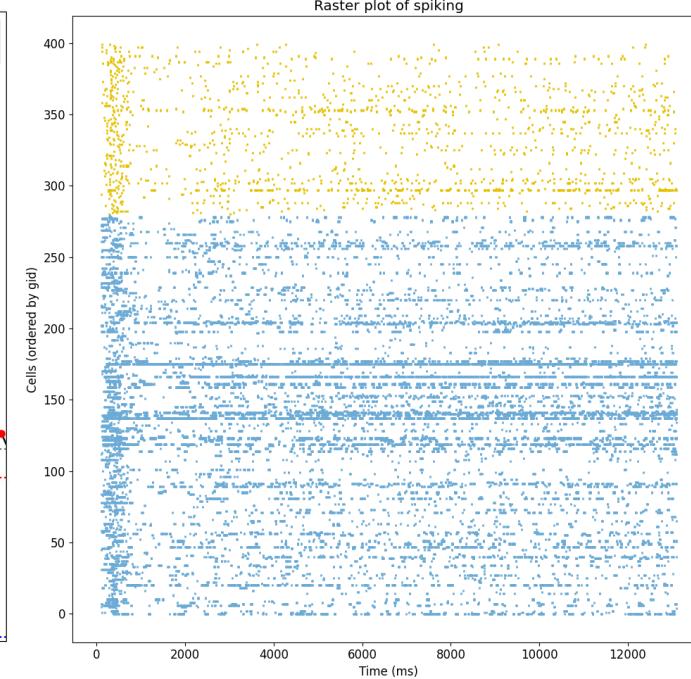
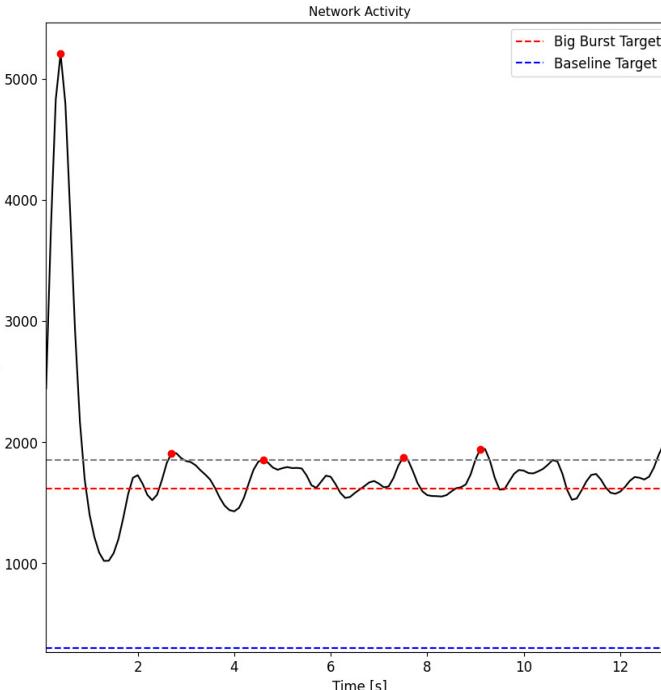


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_41/data.json
SimLabel	gen_0_cand_41
Generation Rank	6/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 2460.3285581254763, 'Fit': 334.00052629351234}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.45801526717557245, 'Fit': 1.407269962616013}
IBI_fitness	{'Value': 2.52, 'Fit': 1.0005665588135058}
baseline_fitness	{'Value': 1791.4215408068173, 'Fit': 1000}
slopeFitness	{'Value': -3.955421148066116, 'Fit': 52.348258002044034}
thresh	{'Value': 1850.5633568287076, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 86.75496688741721, 'Fit': 63.3114017360115}
E_rate_fitness	{'Value': 12.043650793650793, 'Fit': 1000}
I_rate_fitness	{'Value': 2.5740740740740744, 'Fit': 1000}
maxFitness	1000
average_fitness	621.005668546083
average_scaled_fitness	0.6206260796881331

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

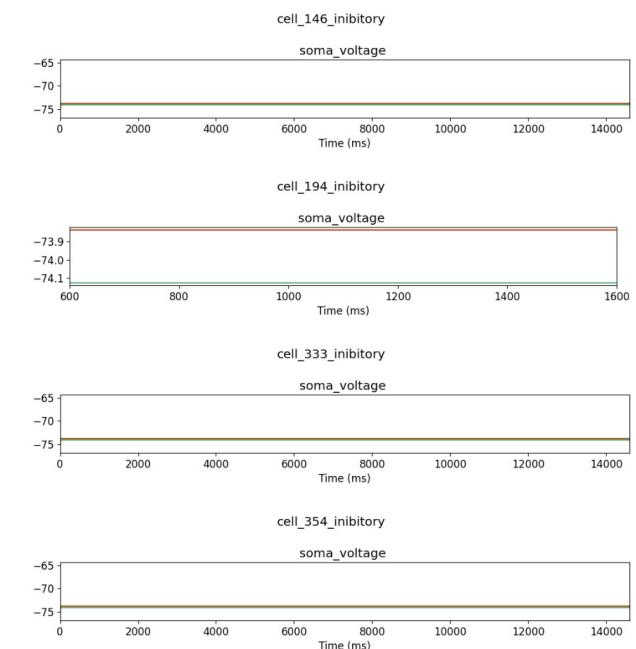
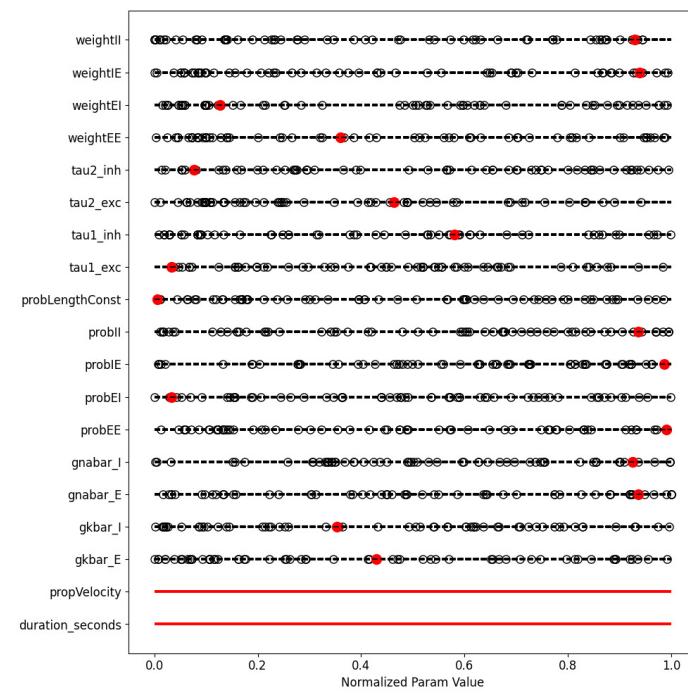
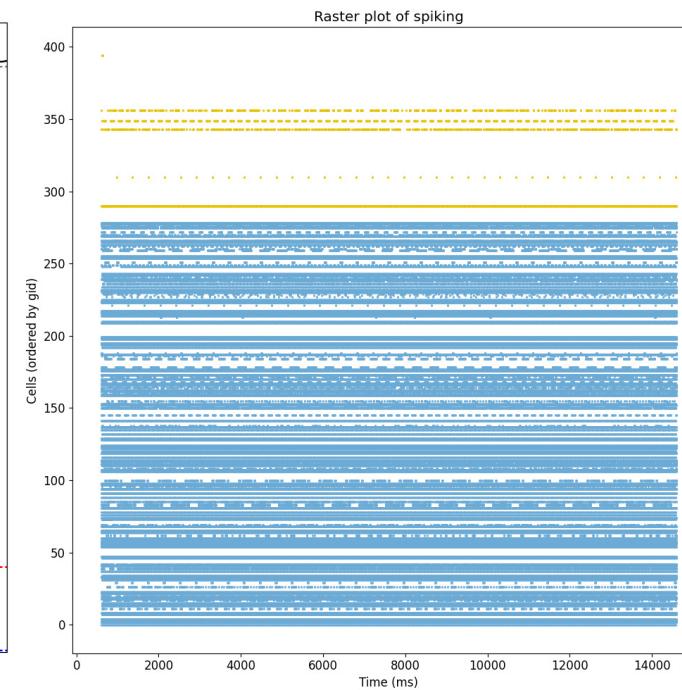
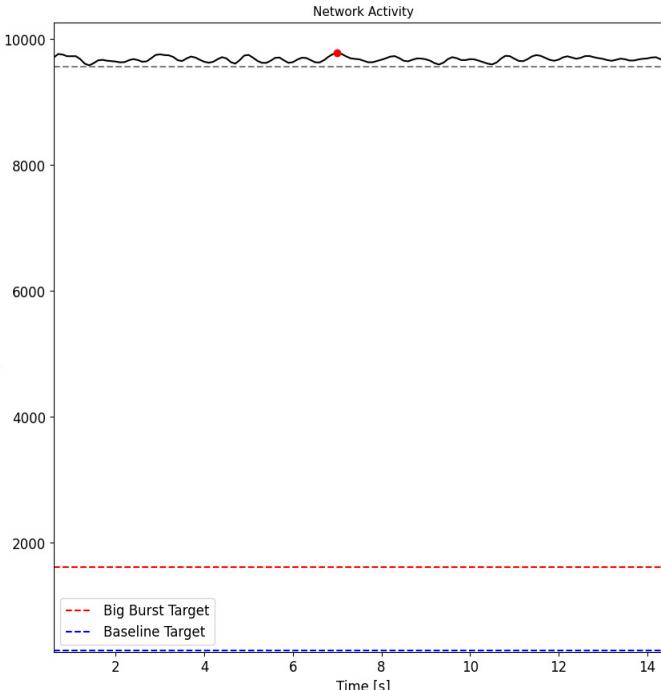
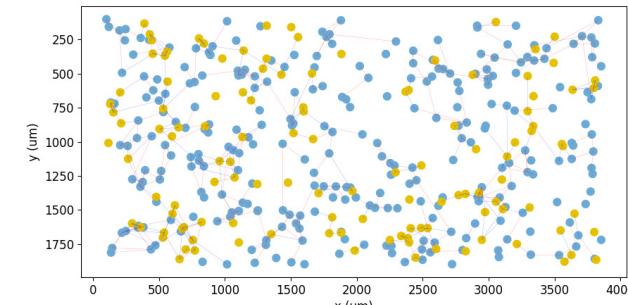


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_42_data.json
SimLabel	gen_0_cand_42
Generation Rank	24/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 9777.462739123652, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.0684931506849315, 'Fit': 1.0490347814981165}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 9679.394315810623, 'Fit': 1000}
slopeFitness	{'Value': 0.01749973022233902, 'Fit': 1.0151153156449007}
thresh	{'Value': 9556.607860586952, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 93.37748344370861, 'Fit': 11.875187284818281}
E_rate_fitness	{'Value': 32.50396825396825, 'Fit': 1000}
I_rate_fitness	{'Value': 1.3148148148148149, 'Fit': 1000}
maxFitness	1000
average_fitness	751.1616114484967
average_scaled_fitness	0.7509087551108168

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

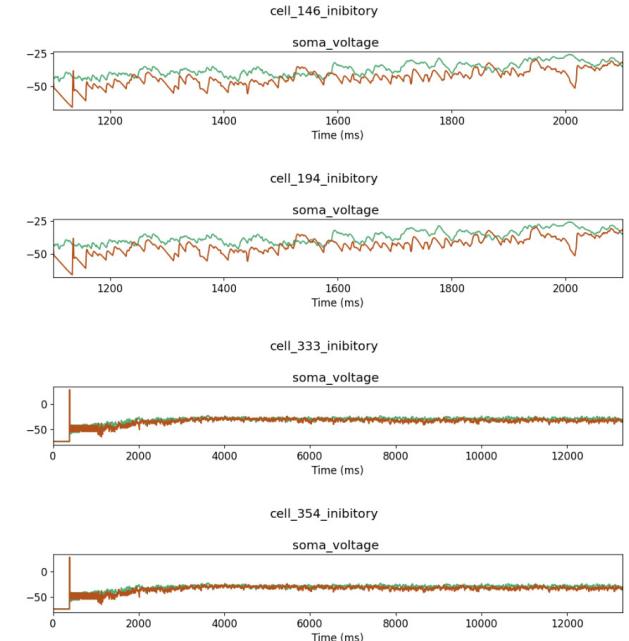
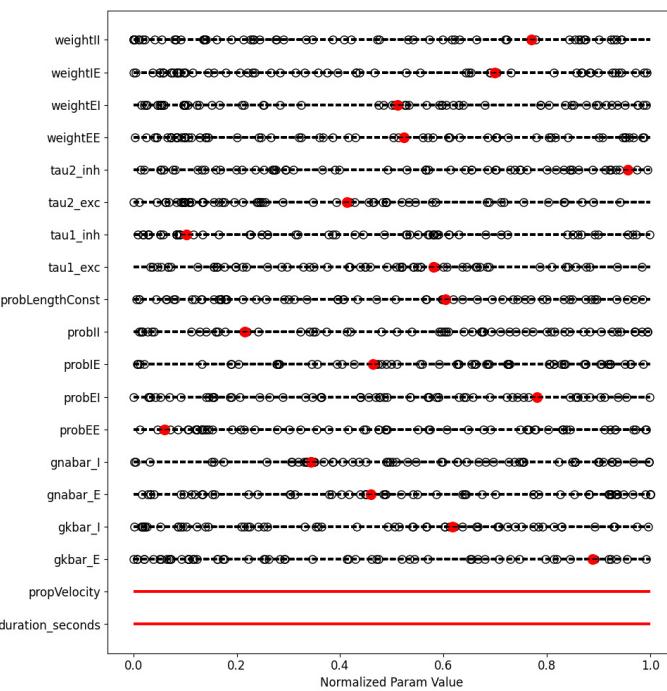
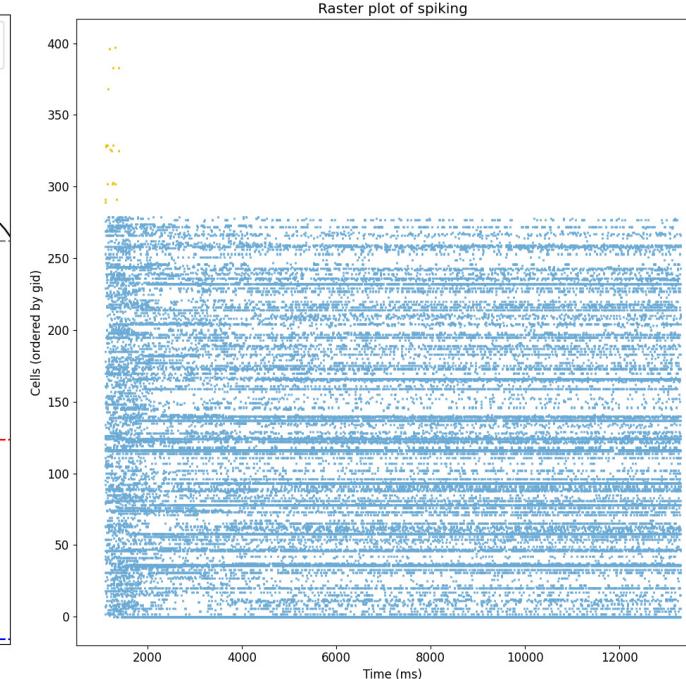
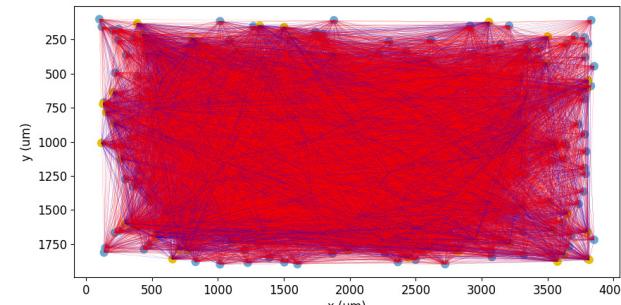


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_44_data.json
SimLabel	gen_0_cand_44
Generation Rank	15/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 3164.4394024091507, 'Fit': 1000.0}
numBig_Fitness	{'Value': 9, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6766917293233082, 'Fit': 1.7512469778540072}
IBI_fitness	{'Value': 1.4375, 'Fit': 1.0006644053687073}
baseline_fitness	{'Value': 3041.9010948531645, 'Fit': 1000}
slopeFitness	{'Value': -3.193779192014229, 'Fit': 24.441358178799504}
thresh	{'Value': 2930.690153855554, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 81.45695364238411, 'Fit': 1000}
E_rate_fitness	{'Value': 3.5714285714285716, 'Fit': 14.791636278714174}
I_rate_fitness	{'Value': 1.3796296296296295, 'Fit': 1000}
maxFitness	1000
average_fitness	670.1654088200613
average_scaled_fitness	0.6698350244811602

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

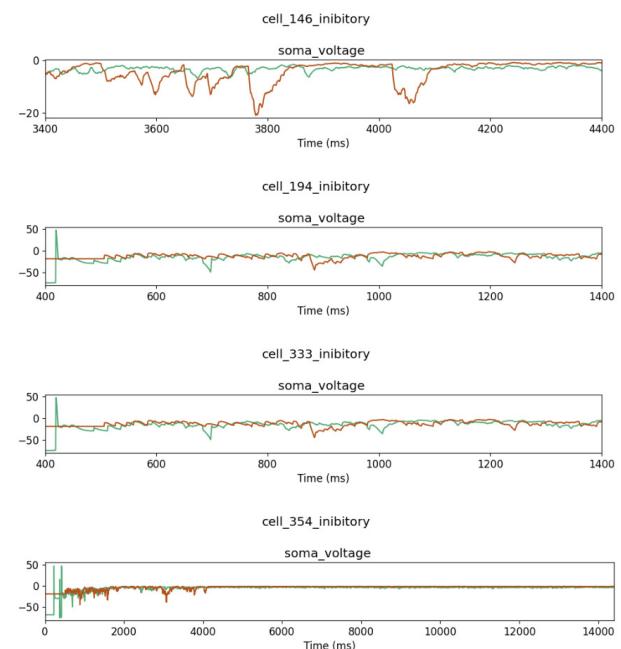
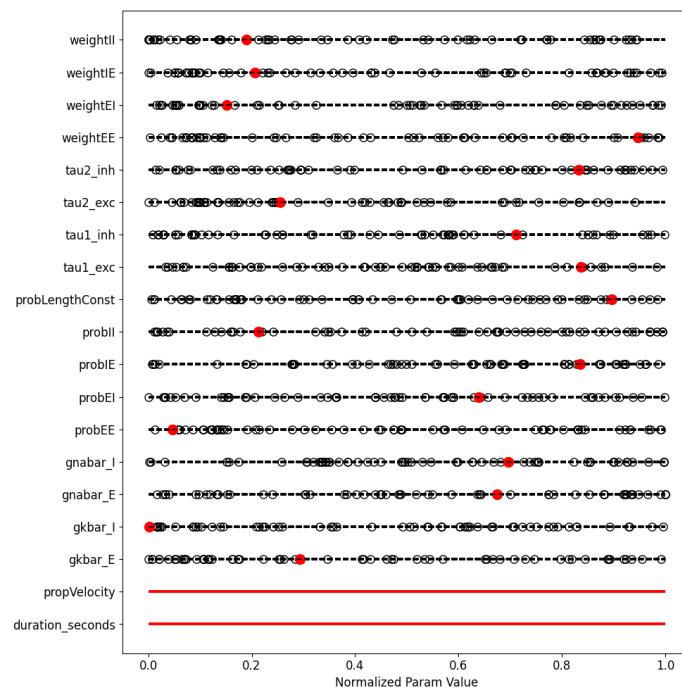
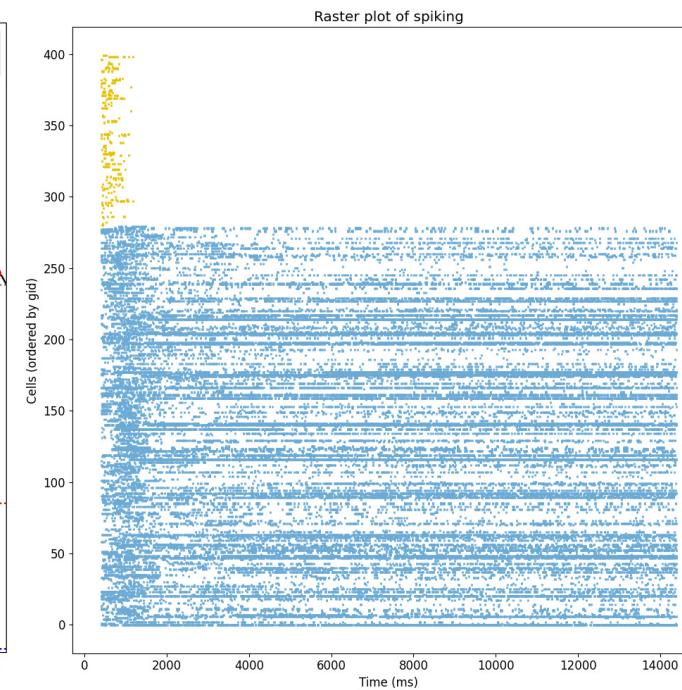
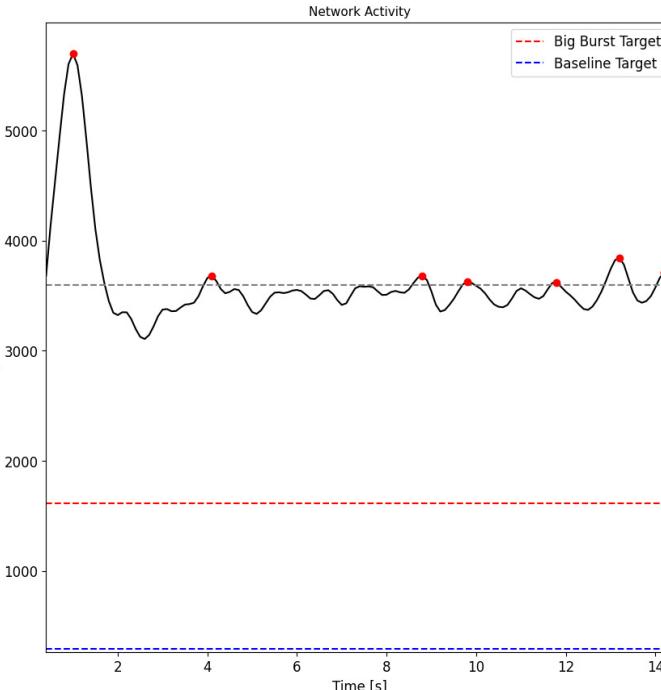


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_45_data.json
SimLabel	gen_0_cand_45
Generation Rank	3/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 3979.3188621808117, 'Fit': 1000.0}
numBig_Fitness	{'Value': 7, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.4861111111111111, 'Fit': 1.4473690712705782}
IBI_fitness	{'Value': 2.2, 'Fit': 1.0005954870733536}
baseline_fitness	{'Value': 3616.897699645503, 'Fit': 1000}
slopeFitness	{'Value': -3.3634097504554417, 'Fit': 28.9597595069357}
thresh	{'Value': 3594.007707241418, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 93.37748344370861, 'Fit': 11.875187284818281}
E_rate_fitness	{'Value': 13.297619047619047, 'Fit': 1000}
I_rate_fitness	{'Value': 4.398148148148148, 'Fit': 1.3665877891928926}
maxFitness	1000
average_fitness	587.0541249282742
average_scaled_fitness	0.5866405192973442

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

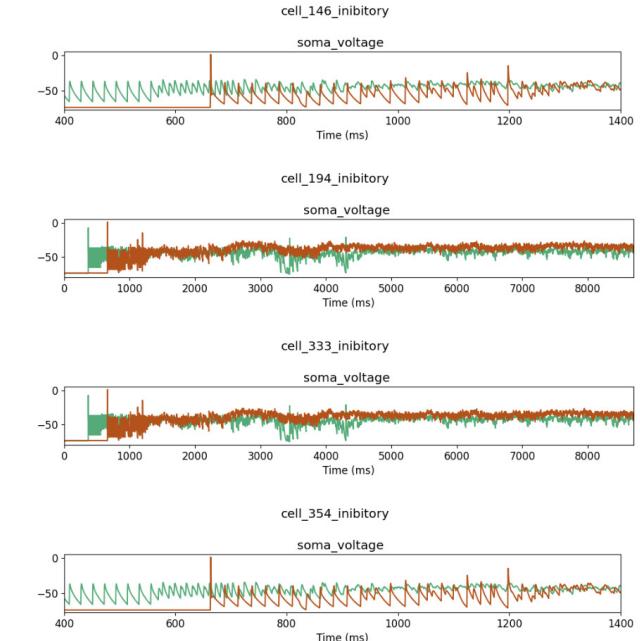
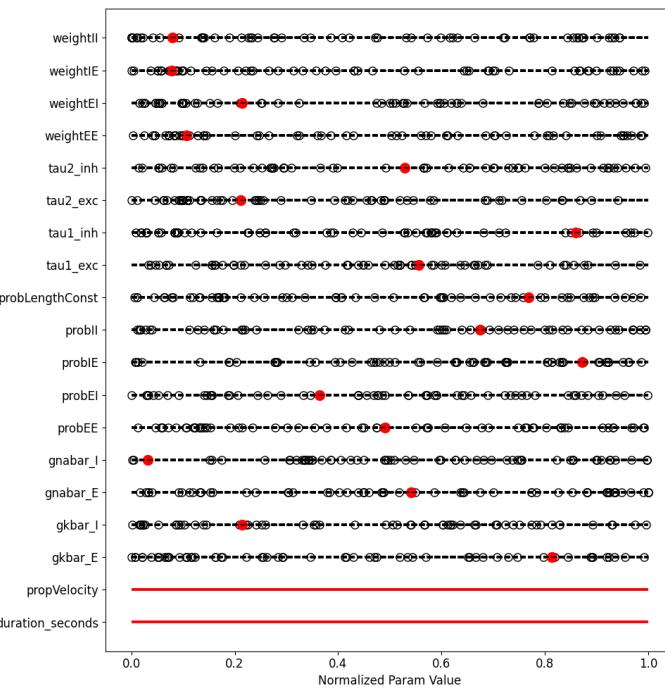
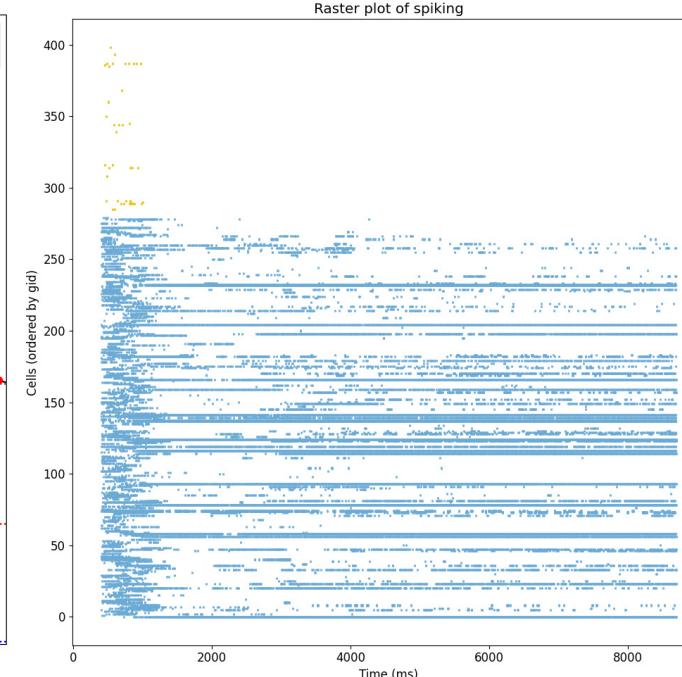
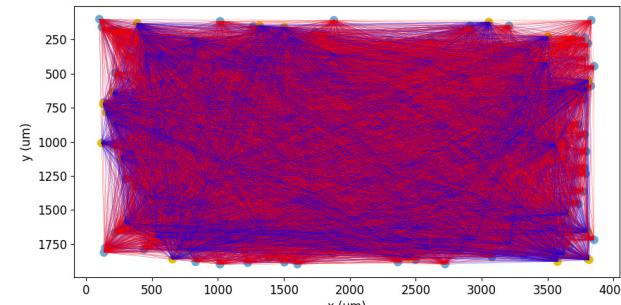


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_46_data.json
SimLabel	gen_0_cand_46
Generation Rank	33/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 2.6321000001}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 3989.0823094264306, 'Fit': 1000.0}
numBig_Fitness	{'Value': 5, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5747126436781609, 'Fit': 1.5814608481604724}
IBI_fitness	{'Value': 1.9749999999999999, 'Fit': 1.0000615819654615}
baseline_fitness	{'Value': 3219.916251259196, 'Fit': 1000}
slopeFitness	{'Value': -14.319528627123171, 'Fit': 1000}
thresh	{'Value': 3184.196013318803, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 55.62913907284768, 'Fit': 1000}
E_rate_fitness	{'Value': 17.896825396825395, 'Fit': 1000}
I_rate_fitness	{'Value': 0.5277777777777778, 'Fit': 1000}
maxFitness	1000
average_fitness	833.5485063889846
average_scaled_fitness	0.8333817855677811

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

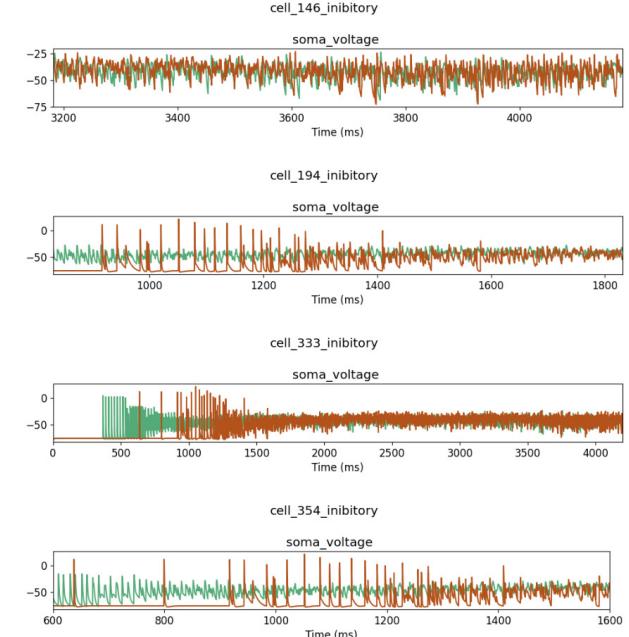
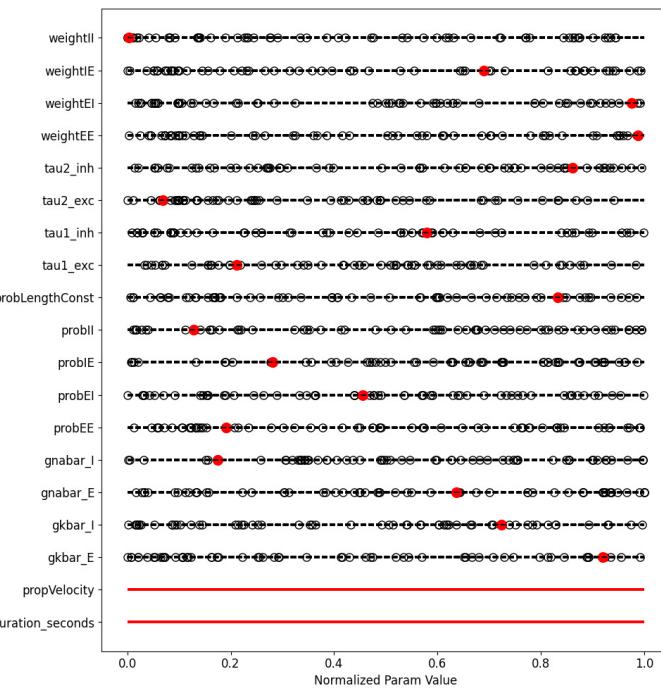
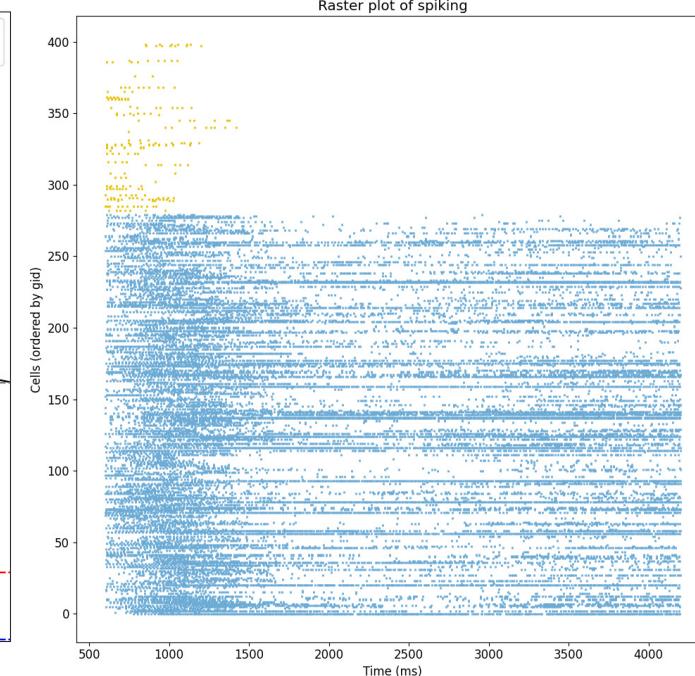
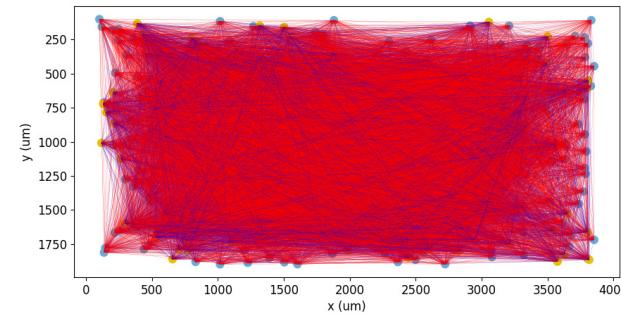


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_48_data.json
SimLabel	gen_0_cand_48
Generation Rank	31/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 8866.168467139205, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.47619047619047616, 'Fit': 1.4330812404782731}
IBI_fitness	{'Value': 2.6, 'Fit': 1.0005593252891092}
baseline_fitness	{'Value': 6013.728300438512, 'Fit': 1000}
slopeFitness	{'Value': -126.75204395157859, 'Fit': 1000}
thresh	{'Value': 5362.785127398946, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 24.503311258278146, 'Fit': 1000}
E_rate_fitness	{'Value': 17.71825396825397, 'Fit': 1000}
I_rate_fitness	{'Value': 2.407407407407407, 'Fit': 1000}
maxFitness	1000
average_fitness	833.5361367138139
average_scaled_fitness	0.8333694129260388

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

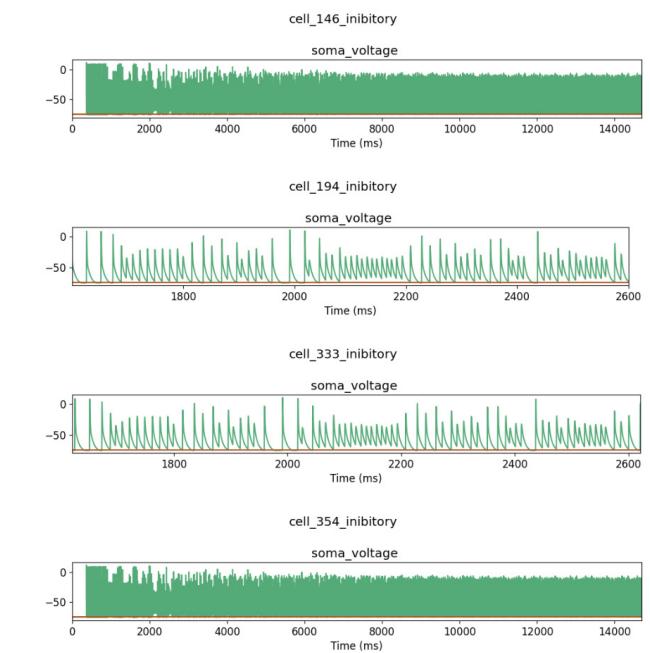
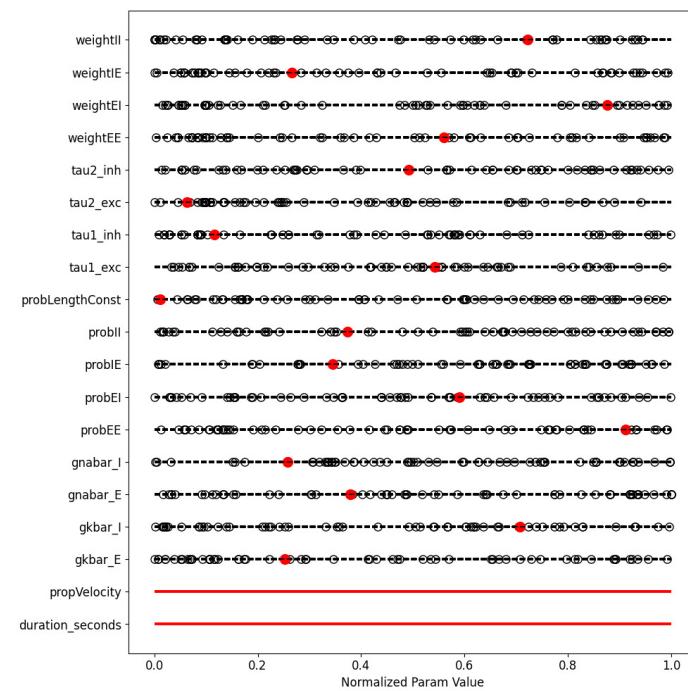
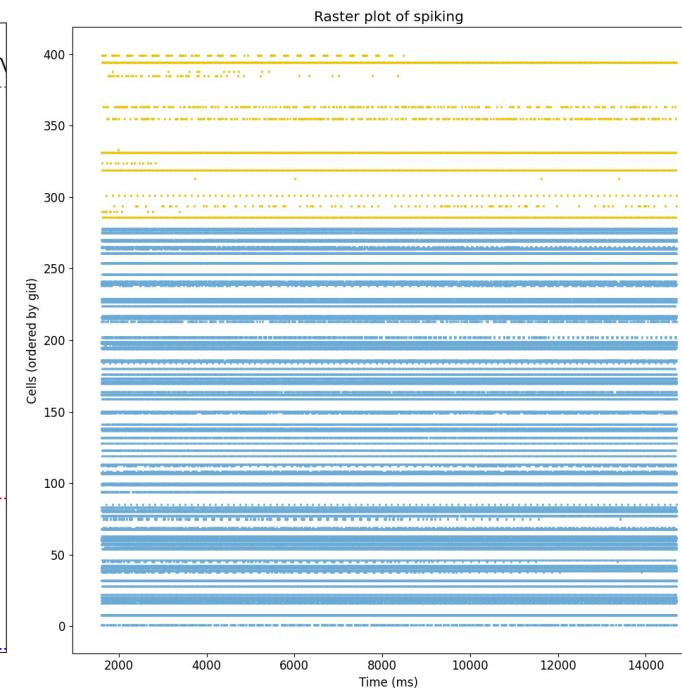
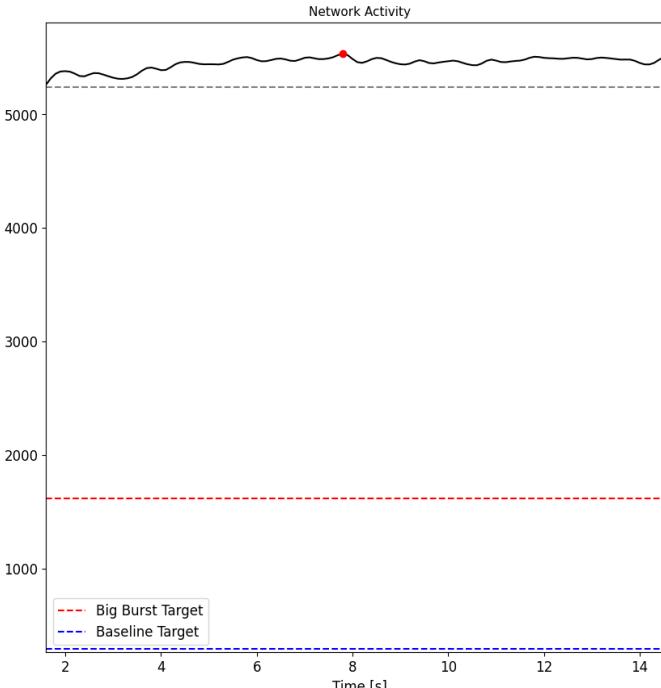
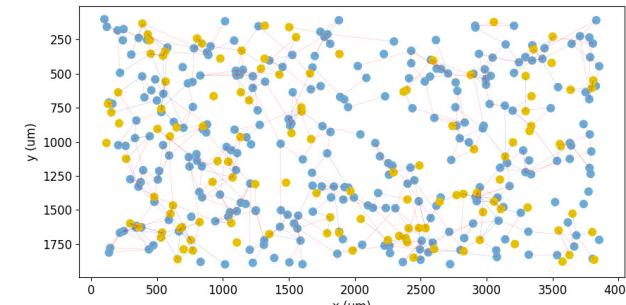


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_50_data.json
SimLabel	gen_0_cand_50
Generation Rank	18/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 5531.041000801152, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.06802721088435373, 'Fit': 1.0495236824453669}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 5447.12119266527, 'Fit': 1000}
slopeFitness	{'Value': 0.9244783920344302, 'Fit': 2.5142659177241513}
thresh	{'Value': 5236.115638738474, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 87.41721854304636, 'Fit': 32.64898537752051}
E_rate_fitness	{'Value': 7.055555555555555, 'Fit': 482.1179958966103}
I_rate_fitness	{'Value': 0.9537037037037036, 'Fit': 1000}
maxFitness	1000
average_fitness	709.8608975728584
average_scaled_fitness	0.7095560697896802

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

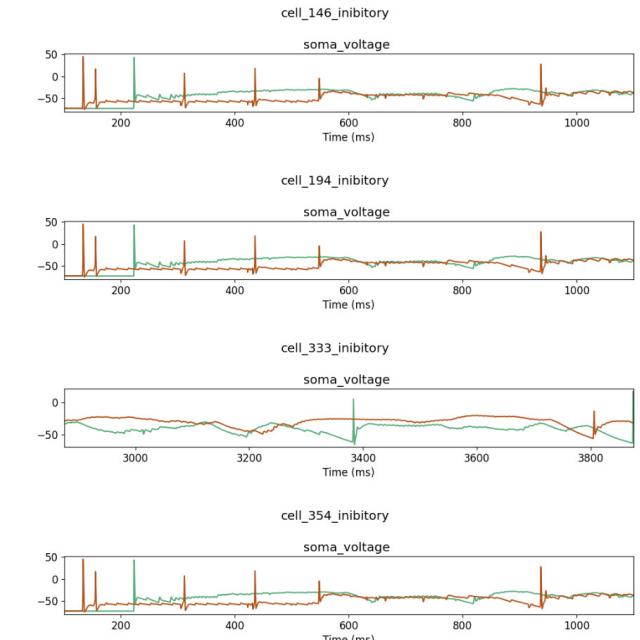
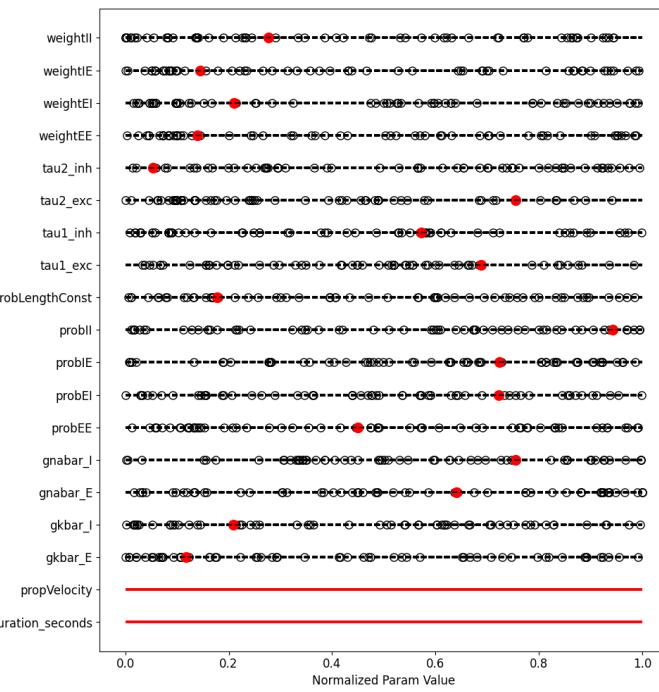
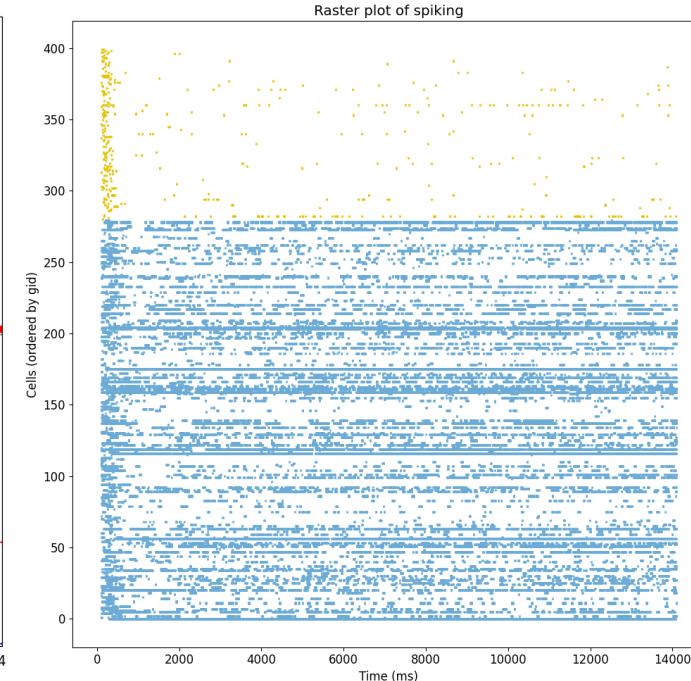
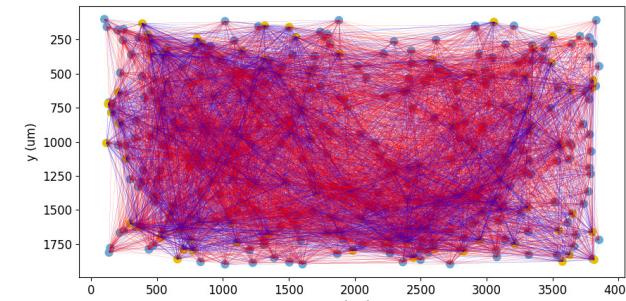


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_52_data.json
SimLabel	gen_0_cand_52
Generation Rank	16/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 4895.44939869494, 'Fit': 1000.0}
numBig_Fitness	{'Value': 9, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6382978723404255, 'Fit': 1.685284236581329}
IBI_fitness	{'Value': 1.725, 'Fit': 1.0006384161412831}
baseline_fitness	{'Value': 4319.671368340077, 'Fit': 1000}
slopeFitness	{'Value': -3.913447442441588, 'Fit': 50.1964825315782}
thresh	{'Value': 4323.926295491455, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 93.37748344370861, 'Fit': 11.875187284818281}
E_rate_fitness	{'Value': 21.78174603174603, 'Fit': 1000}
I_rate_fitness	{'Value': 1.9074074074074072, 'Fit': 1000}
maxFitness	1000
average_fitness	672.0631327057599
average_scaled_fitness	0.6717346577936606

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

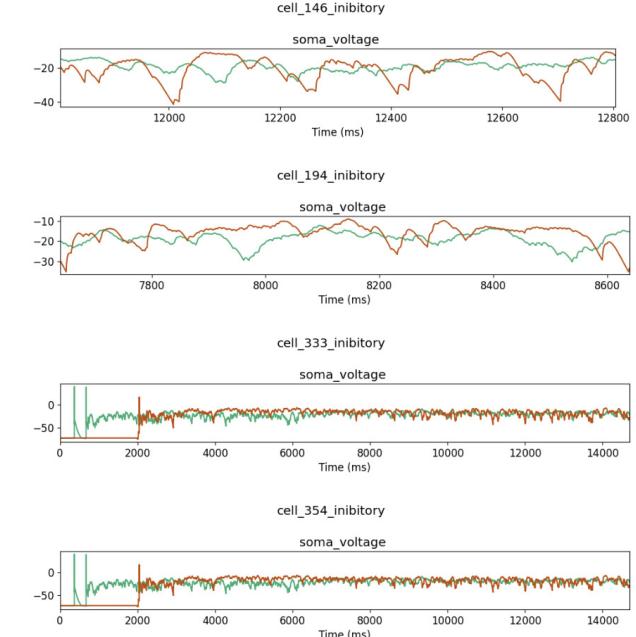
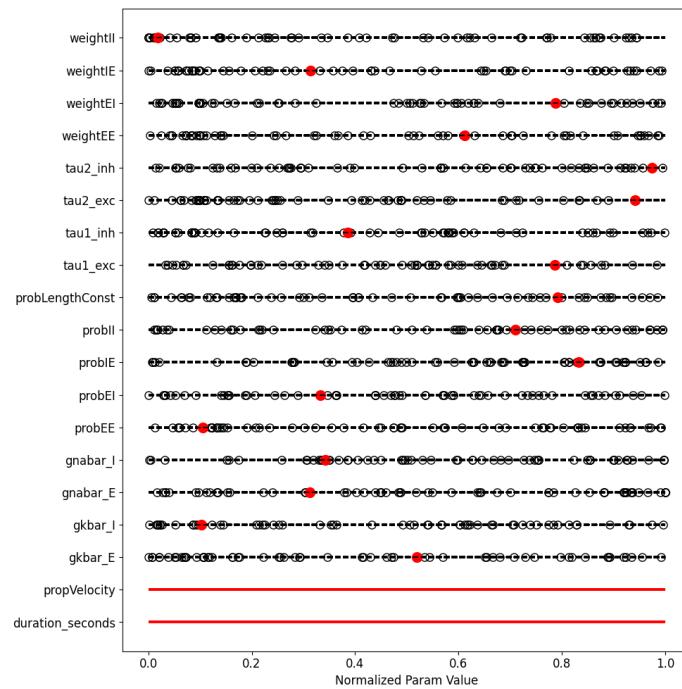
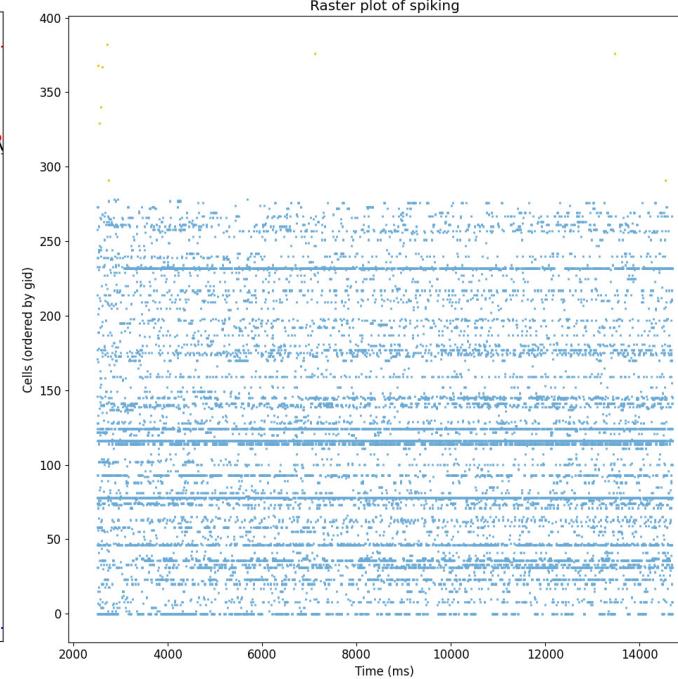
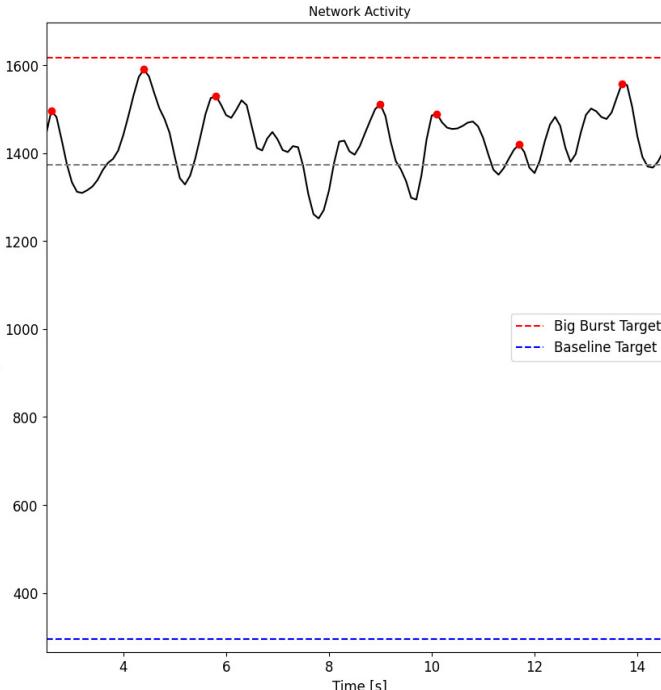
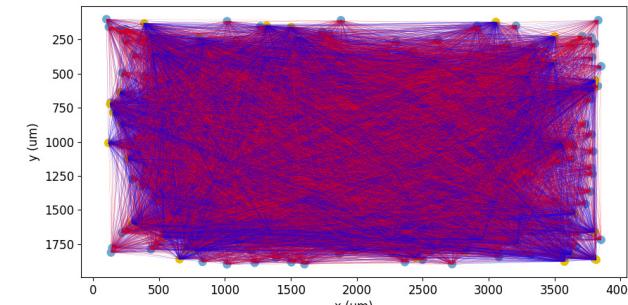


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_53_data.json
SimLabel	gen_0_cand_53
Generation Rank	1/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 1500.9322717316509, 'Fit': 1.0003303975032092}
numBig_Fitness	{'Value': 8, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5442176870748299, 'Fit': 1.5339621839393691}
IBI_fitness	{'Value': 1.7142857142857146, 'Fit': 1.0006393855788547}
baseline_fitness	{'Value': 1426.0648631572283, 'Fit': 1000}
slopeFitness	{'Value': 0.08712810769644397, 'Fit': 1.088314963430678}
thresh	{'Value': 1373.931136039322, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 81.45695364238411, 'Fit': 1000}
E_rate_fitness	{'Value': 2.4166666666666665, 'Fit': 4.66132620020106}
I_rate_fitness	{'Value': 1.1111111111111112, 'Fit': 1000}
maxFitness	1000
average_fitness	584.1070477608878
average_scaled_fitness	0.5836906008141157

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

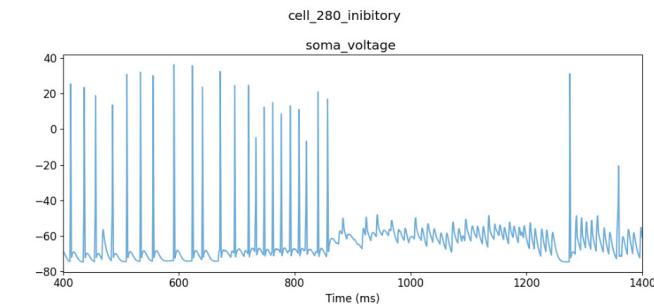
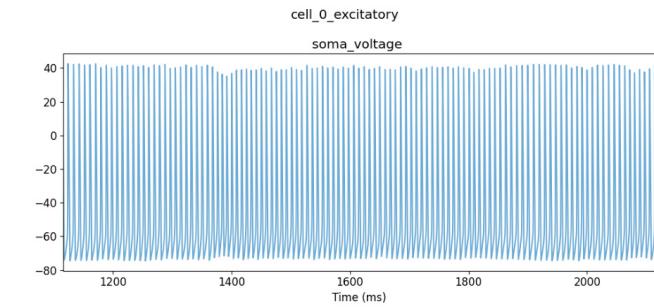
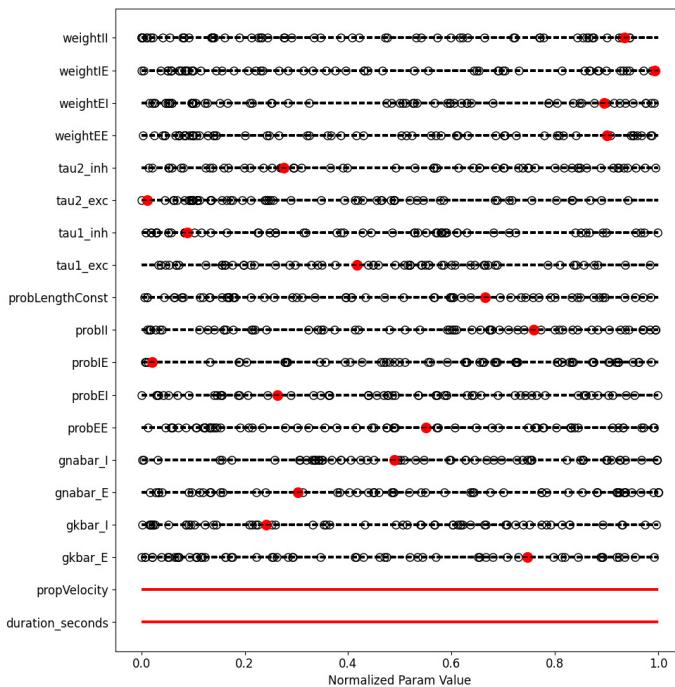
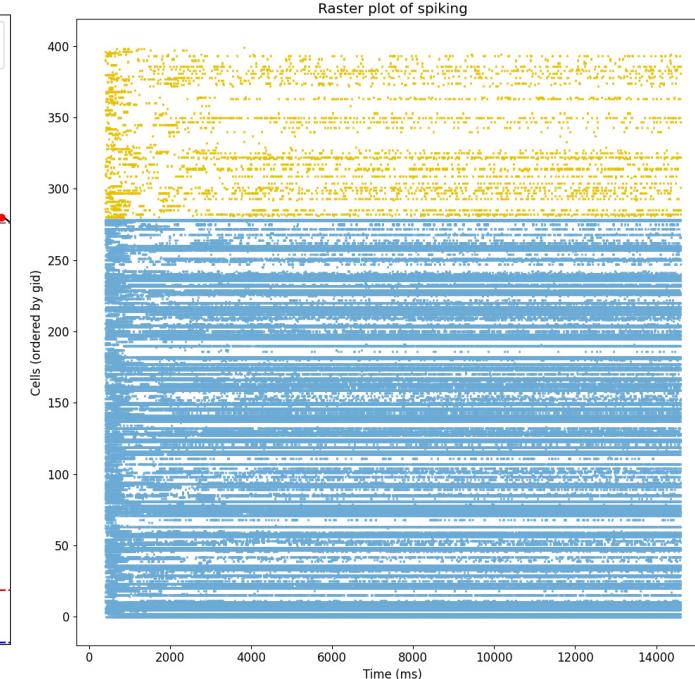
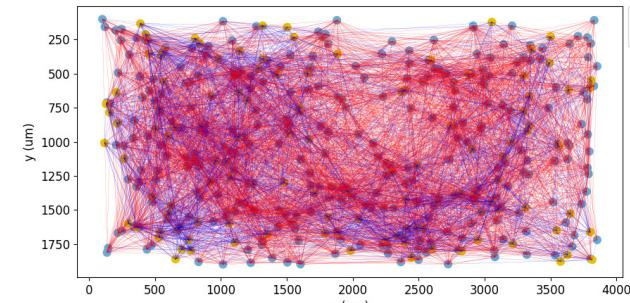


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_54_data.json
SimLabel	gen_0_cand_54
Generation Rank	4/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 11356.45818459522, 'Fit': 1000.0}
numBig_Fitness	{'Value': 13, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.8904109589041095, 'Fit': 2.168525237685891}
IBI_fitness	{'Value': 1.1500000000000001, 'Fit': 1.0006903925717383}
baseline_fitness	{'Value': 11037.775068254883, 'Fit': 1000}
slopeFitness	{'Value': -4.2947424875539, 'Fit': 73.49666273801381}
thresh	{'Value': 10891.164239043832, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.70198675496688, 'Fit': 44.654470808871295}
E_rate_fitness	{'Value': 40.36904761904761, 'Fit': 1000}
I_rate_fitness	{'Value': 6.12962962962963, 'Fit': 4.133665374801391}
maxFitness	1000
average_fitness	593.7878345459953
average_scaled_fitness	0.5933809347539671

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

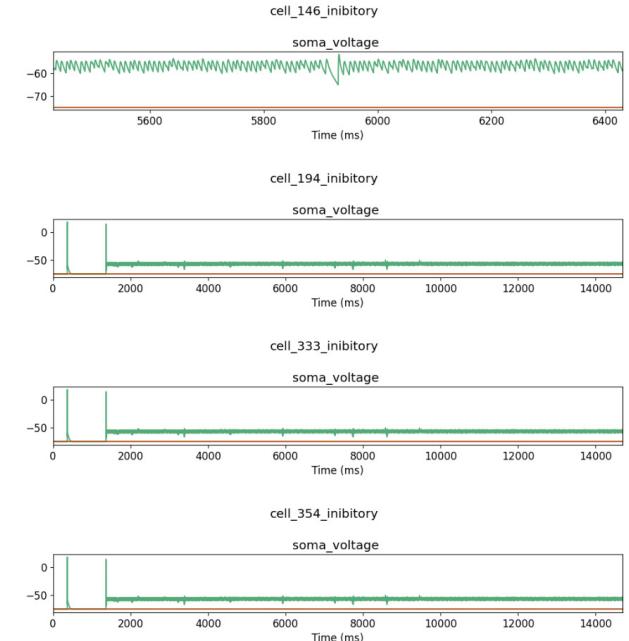
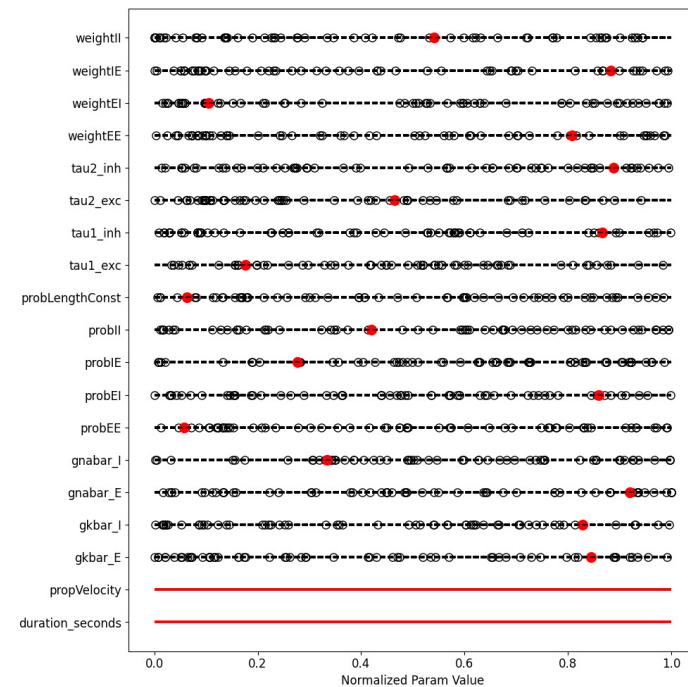
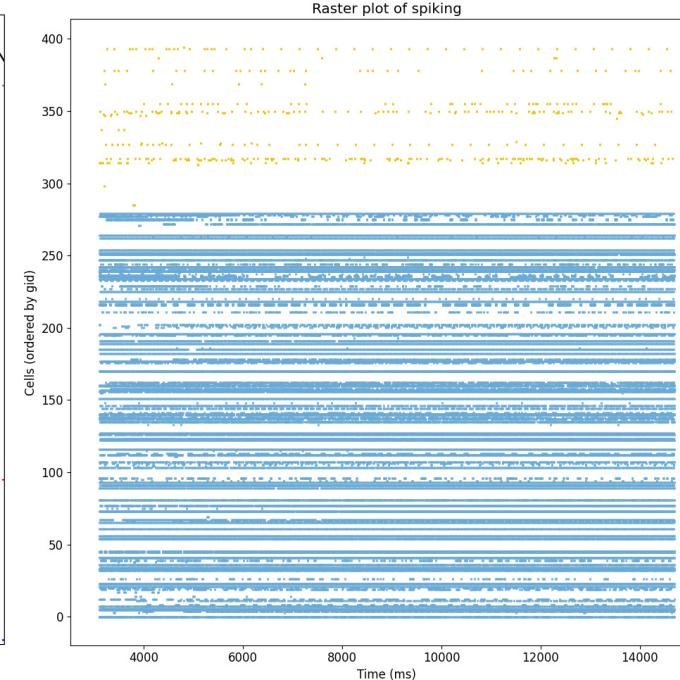
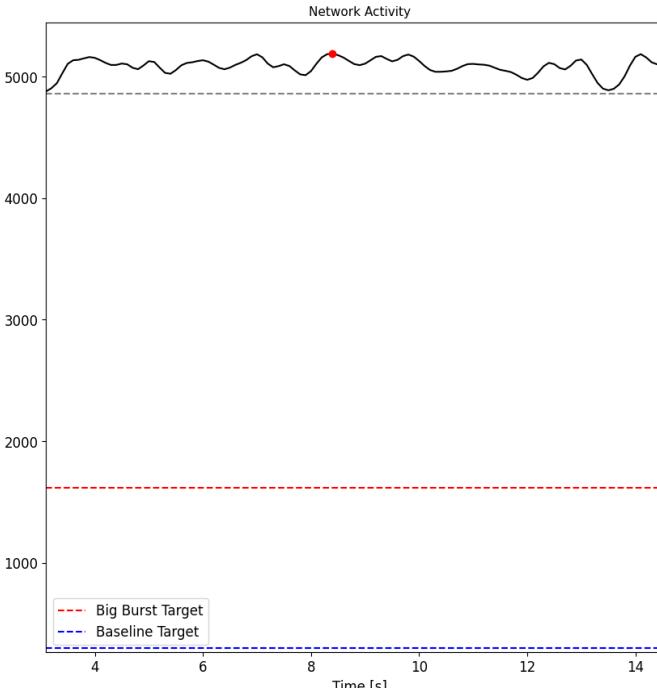
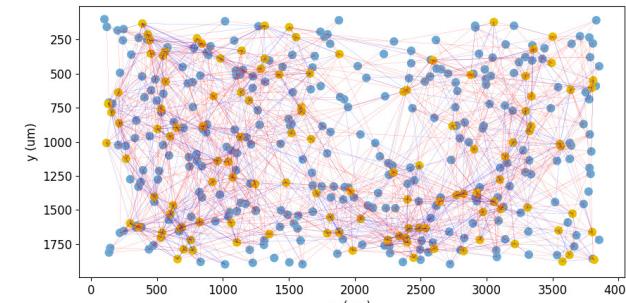


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_56_data.json
SimLabel	gen_0_cand_56
Generation Rank	30/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 5188.011255025831, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.06802721088435373, 'Fit': 1.0495236824453669}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 5086.488946540895, 'Fit': 1000}
slopeFitness	{'Value': -0.26203838938228796, 'Fit': 1.302826196537702}
thresh	{'Value': 4862.026711551208, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 77.48344370860927, 'Fit': 1000}
E_rate_fitness	{'Value': 10.099206349206348, 'Fit': 1000}
I_rate_fitness	{'Value': 0.8333333333333333, 'Fit': 1000}
maxFitness	1000
average_fitness	833.5293624899153
average_scaled_fitness	0.8333544640533654

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

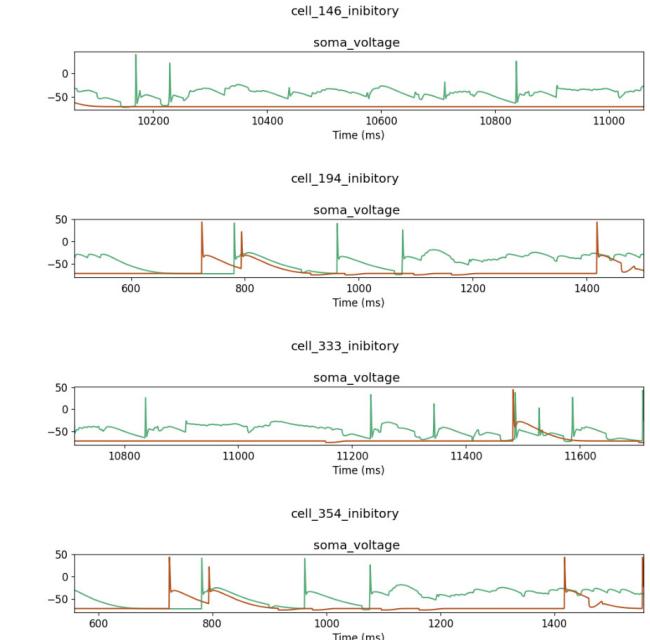
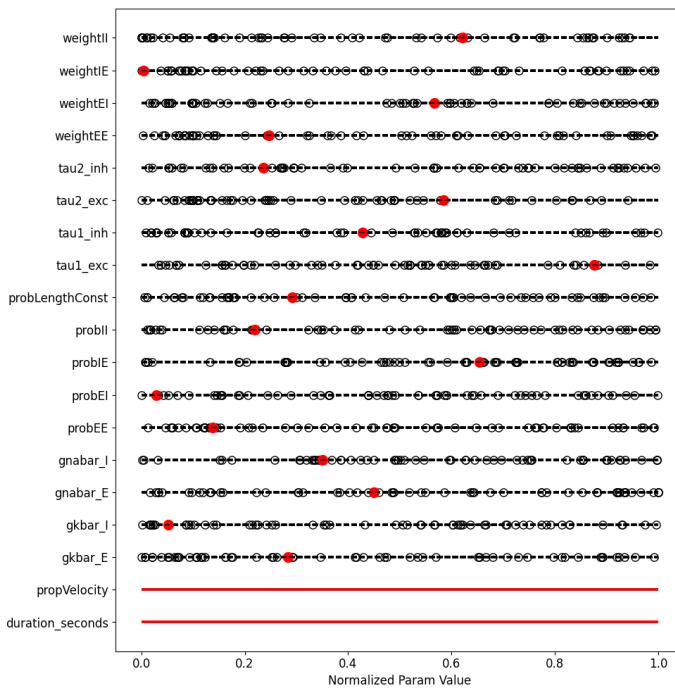
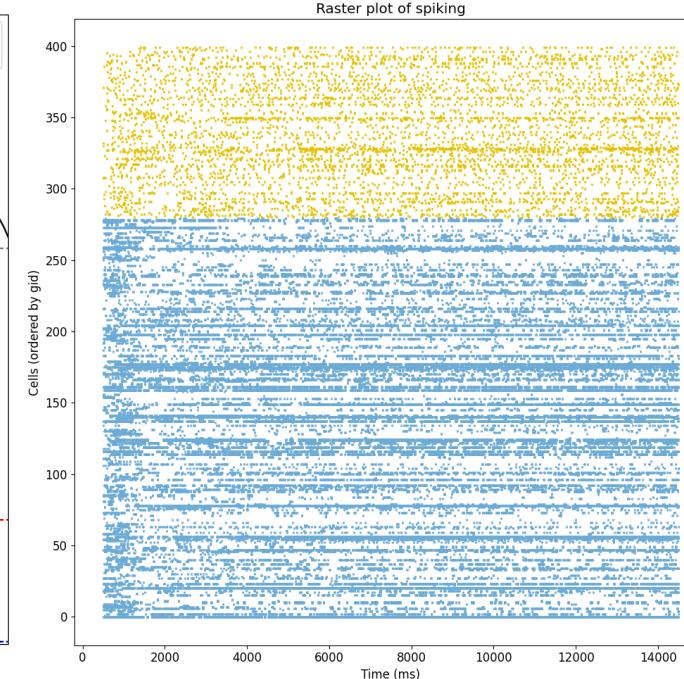
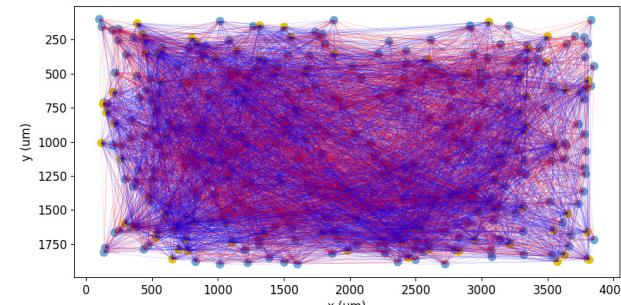


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_58_data.json
SimLabel	gen_0_cand_58
Generation Rank	10/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 4977.99362787427, 'Fit': 1000.0}
numBig_Fitness	{'Value': 10, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6896551724137931, 'Fit': 1.7740969555861443}
IBI_fitness	{'Value': 1.4777777777777779, 'Fit': 1.000660763252367}
baseline_fitness	{'Value': 4650.526201894833, 'Fit': 1000}
slopeFitness	{'Value': -1.8915275037109565, 'Fit': 6.646065440078954}
thresh	{'Value': 4583.19915214234, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 93.37748344370861, 'Fit': 11.875187284818281}
E_rate_fitness	{'Value': 16.392857142857142, 'Fit': 1000}
I_rate_fitness	{'Value': 1.8796296296296295, 'Fit': 1000}
maxFitness	1000
average_fitness	668.4413342036446
average_scaled_fitness	0.6681092241265426

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

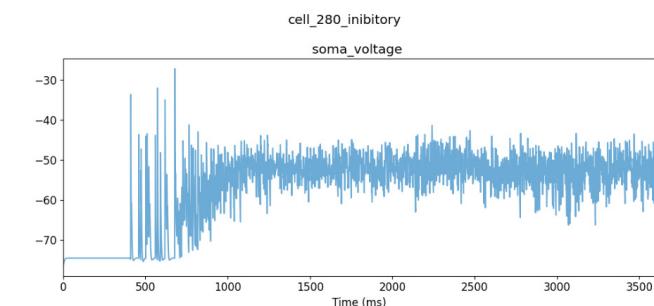
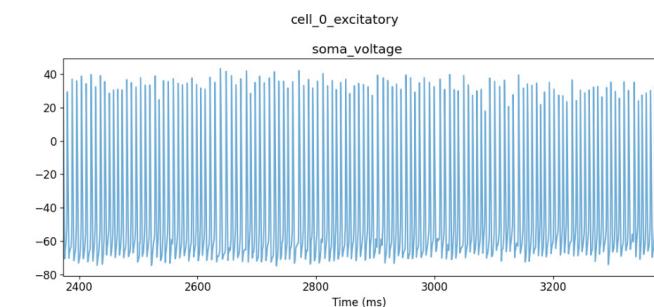
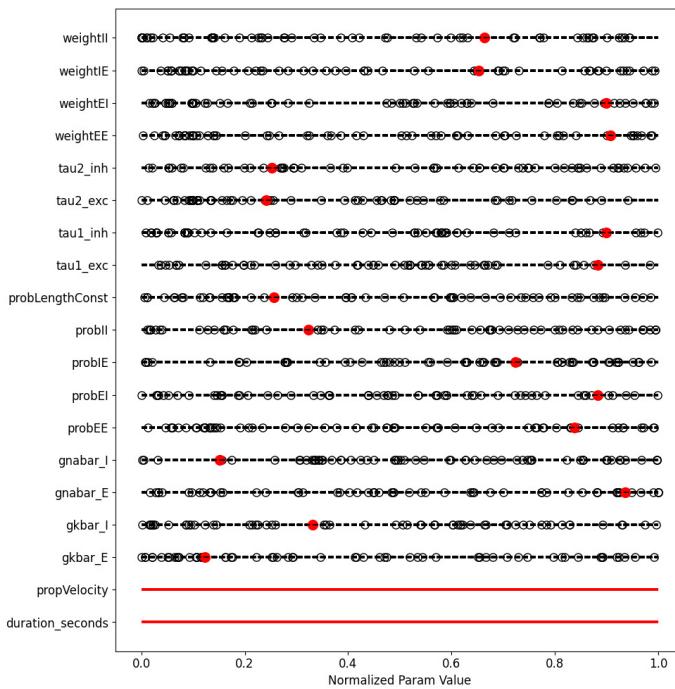
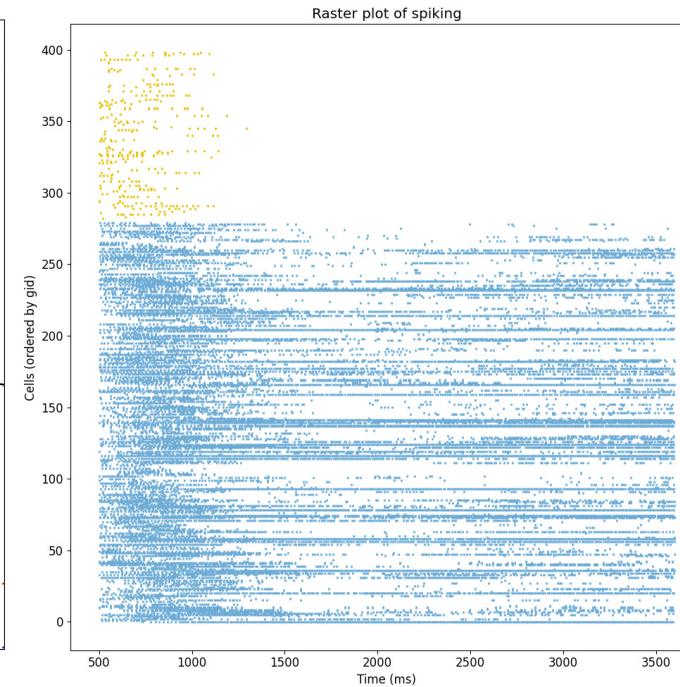
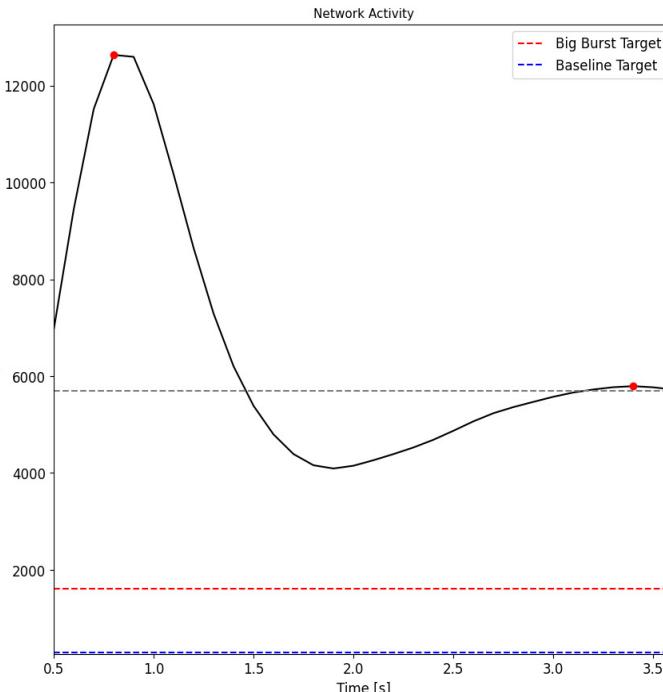


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_62_data.json
SimLabel	gen_0_cand_62
Generation Rank	20/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 9212.241118138032, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5555555555555556, 'Fit': 1.5514530124256714}
IBI_fitness	{'Value': 2.6000000000000005, 'Fit': 1.00005593252891092}
baseline_fitness	{'Value': 6497.232271975988, 'Fit': 1000}
slopeFitness	{'Value': -171.2994596359471, 'Fit': 1000}
thresh	{'Value': 5704.236716638959, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 21.192052980132452, 'Fit': 1000}
E_rate_fitness	{'Value': 26.32936507936508, 'Fit': 1000}
I_rate_fitness	{'Value': 4.129629629629629, 'Fit': 1.7875312655866995}
maxFitness	1000
average_fitness	750.3616286336083
average_scaled_fitness	0.7501116004651723

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

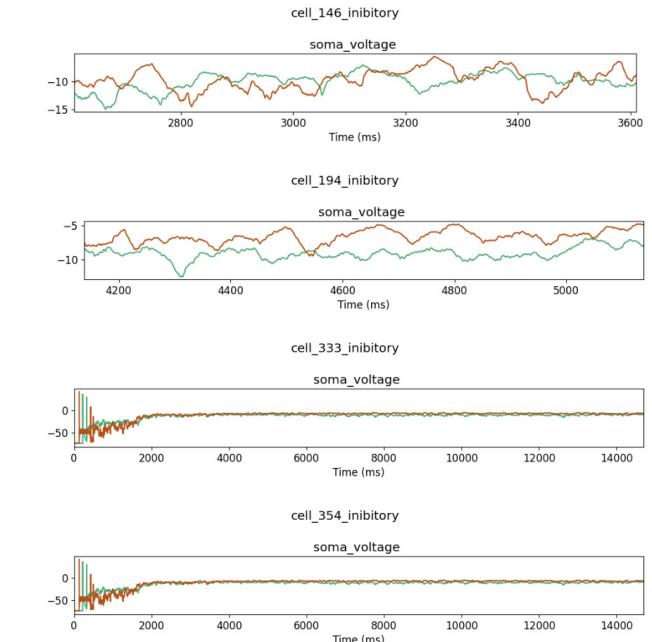
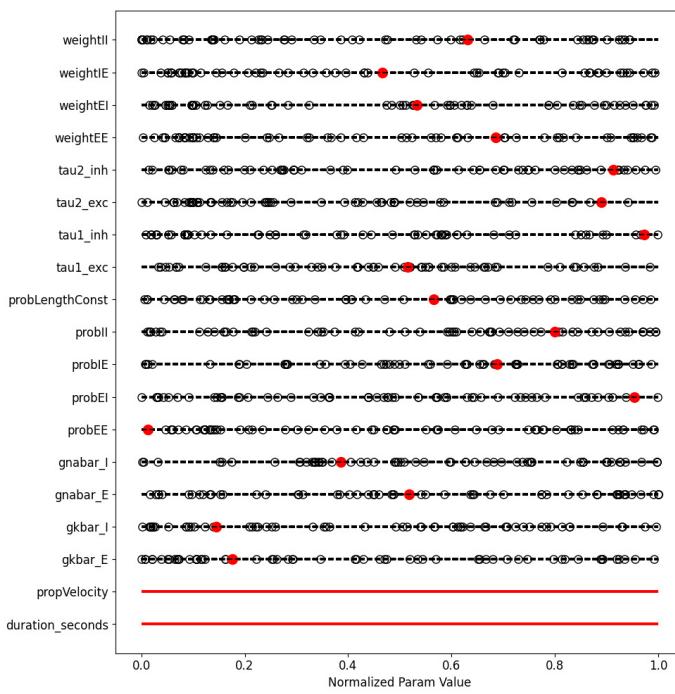
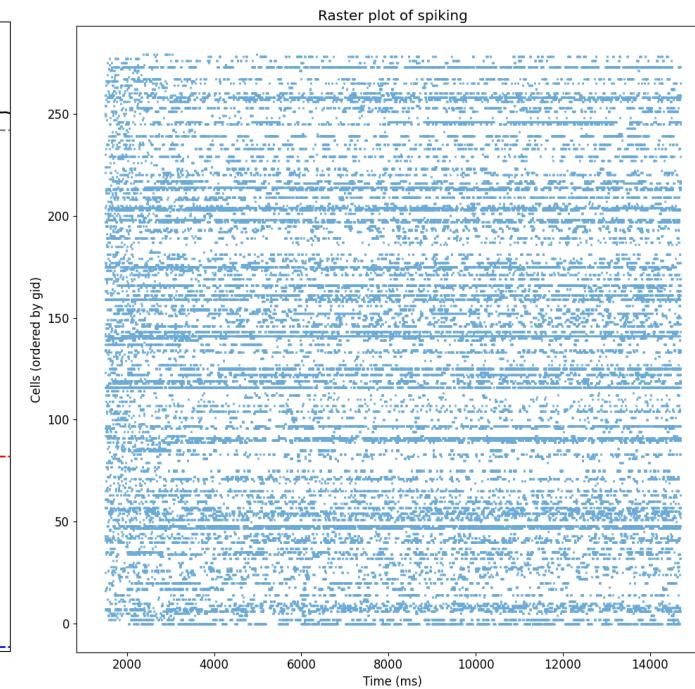
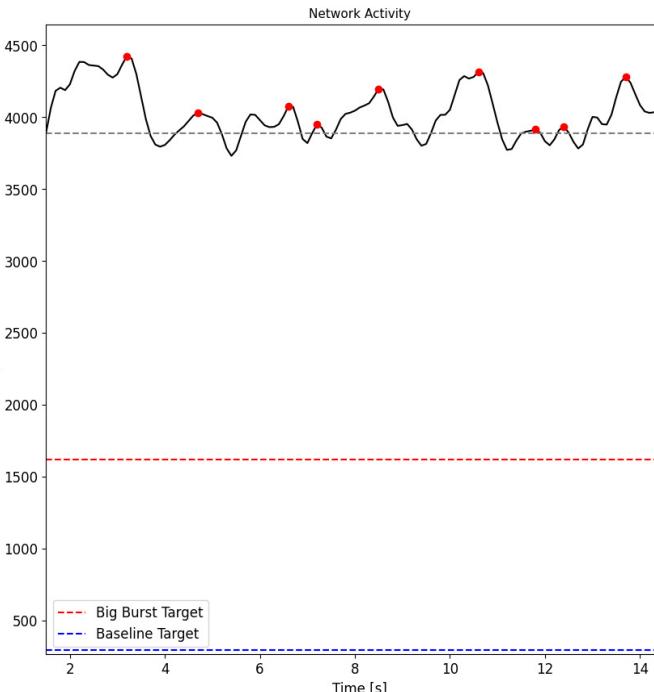


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_0/gen_0_cand_63_data.json
SimLabel	gen_0_cand_63
Generation Rank	5/64

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 4123.317823336112, 'Fit': 1000.0}
numBig_Fitness	{'Value': 9, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6122448979591836, 'Fit': 1.6419445843633687}
IBI_fitness	{'Value': 1.3125, 'Fit': 1.0006757034742484}
baseline_fitness	{'Value': 4024.104256550345, 'Fit': 1000}
slopeFitness	{'Value': -1.1174954435433089, 'Fit': 3.064832615309542}
thresh	{'Value': 3885.2234519501994, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.0794701986755, 'Fit': 16.83671845754203}
E_rate_fitness	{'Value': 6.7896825396825395, 'Fit': 369.5610215317707}
I_rate_fitness	{'Value': 1.7222222222222223, 'Fit': 1000}
maxFitness	1000
average_fitness	616.0087660743717
average_scaled_fitness	0.6156241304807419

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

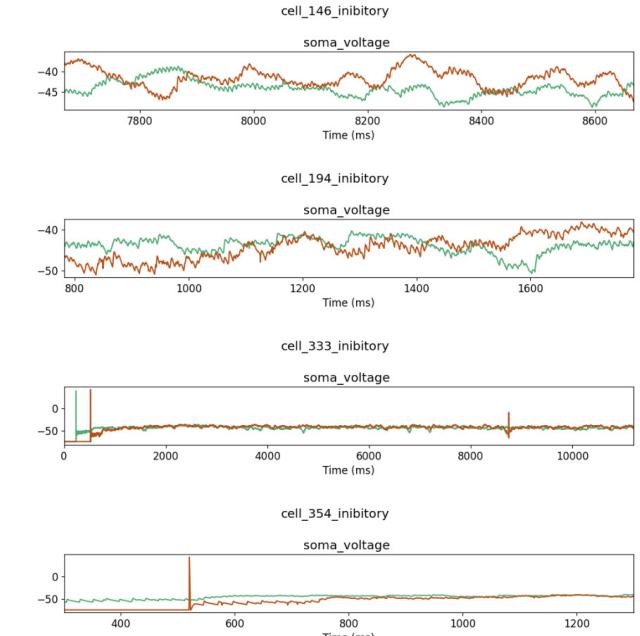
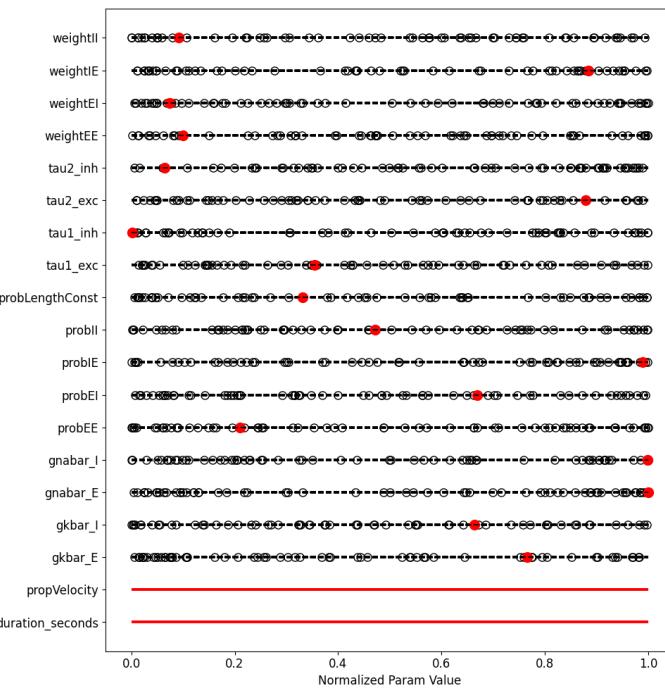
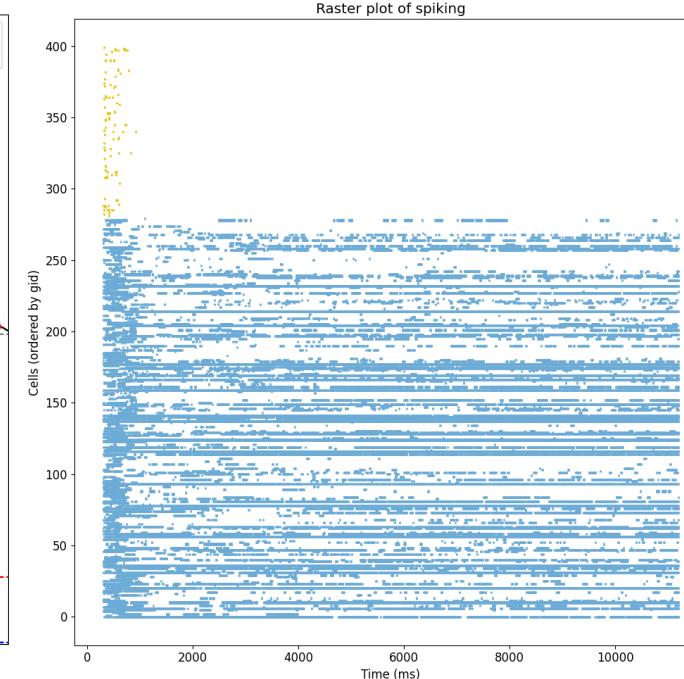
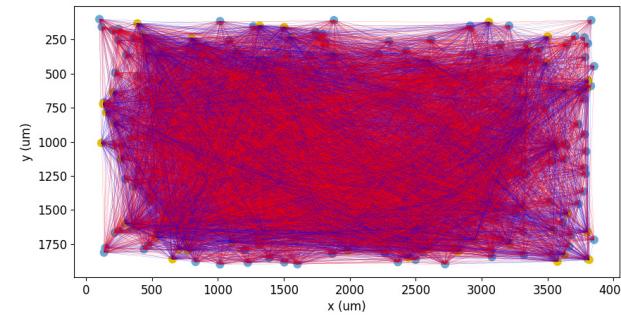


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_0_data.json
SimLabel	gen_1_cand_0
Generation Rank	33/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 7374.507450632539, 'Fit': 1000.0}
numBig_Fitness	{'Value': 8, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.7142857142857142, 'Fit': 1.818336510519313}
IBI_fitness	{'Value': 1.4857142857142855, 'Fit': 1.0006600476711958}
baseline_fitness	{'Value': 6639.441376894512, 'Fit': 1000}
slopeFitness	{'Value': -12.749265221148203, 'Fit': 1000}
thresh	{'Value': 6563.2026942720695, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 72.84768211920529, 'Fit': 1000}
E_rate_fitness	{'Value': 34.948412698412696, 'Fit': 1000}
I_rate_fitness	{'Value': 1.4814814814814814, 'Fit': 1000}
maxFitness	1000
average_fitness	833.5682497131826
average_scaled_fitness	0.8334015412915493

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

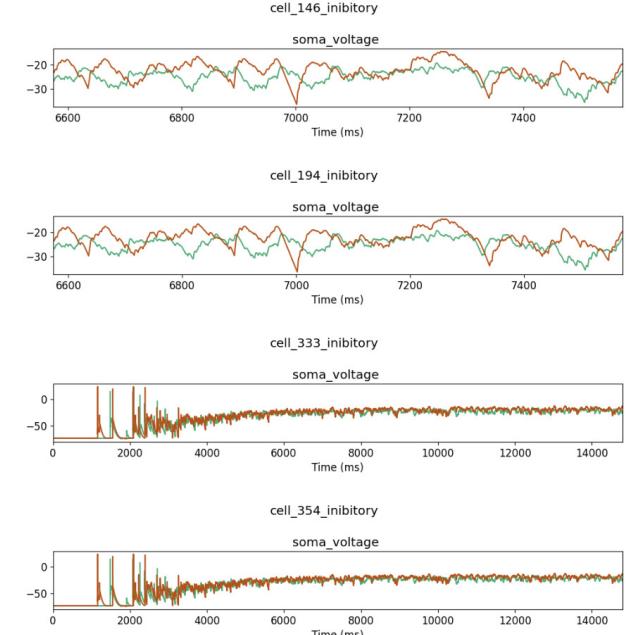
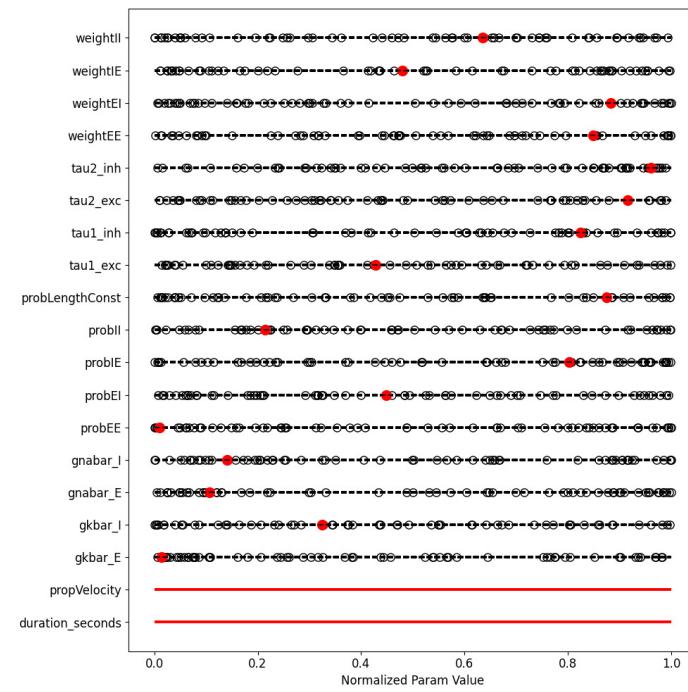
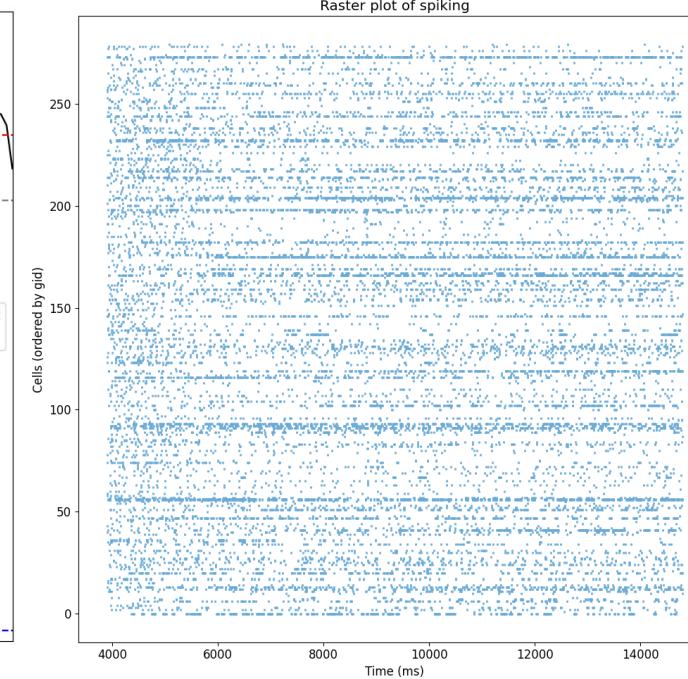
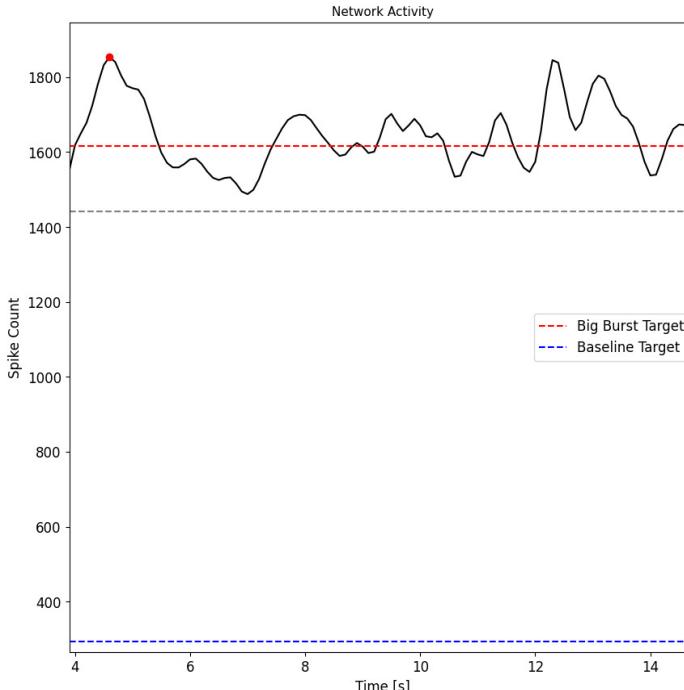
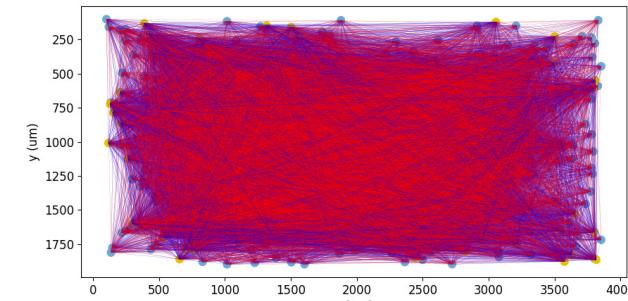


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_2_data.json
SimLabel	gen_1_cand_2
Generation Rank	11/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 1853.2615239829524, 'Fit': 1.0006744980749036}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.06756756756756756, 'Fit': 1.0500061998762726}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 1644.914981005068, 'Fit': 1000}
slopeFitness	{'Value': 0.09807168451567713, 'Fit': 1.1002904295363565}
thresh	{'Value': 1442.2643510968567, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 72.84768211920529, 'Fit': 1000}
E_rate_fitness	{'Value': 0.02777777777777778, 'Fit': 2.3386851948745537}
I_rate_fitness	{'Value': 0.1574074074074074, 'Fit': 1000}
maxFitness	1000
average_fitness	667.1241380268635
average_scaled_fitness	0.6667907039818166

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

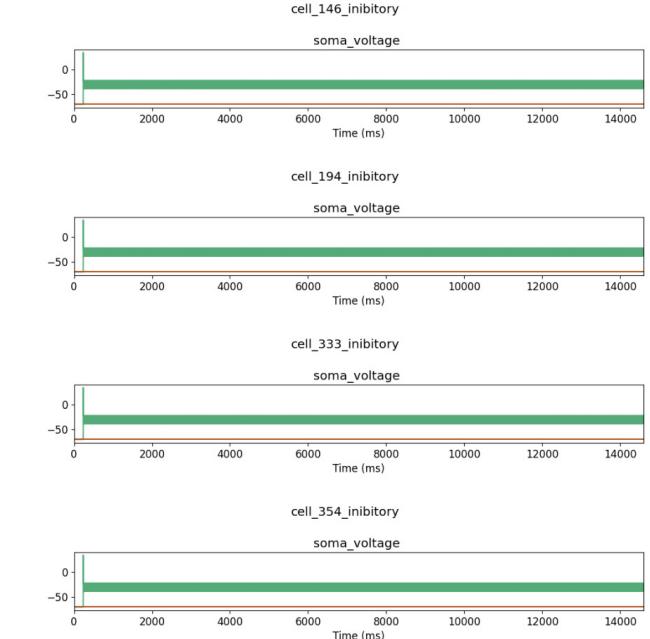
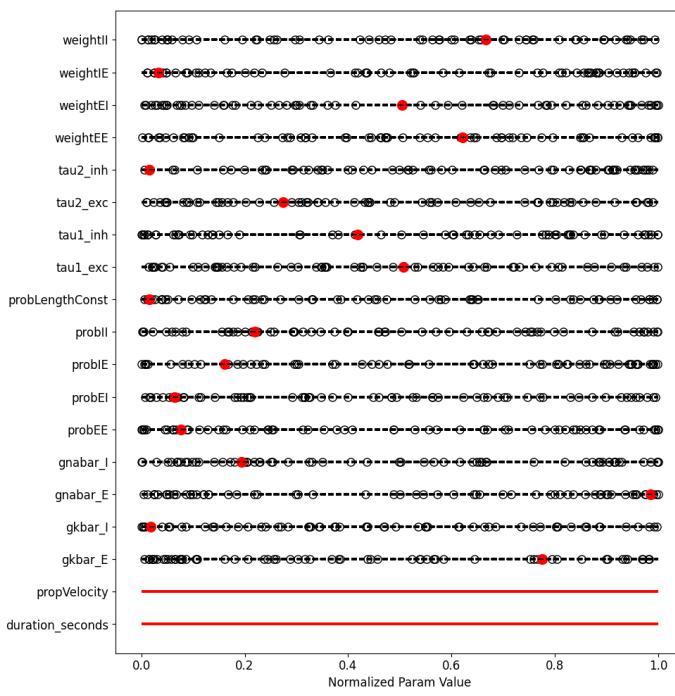
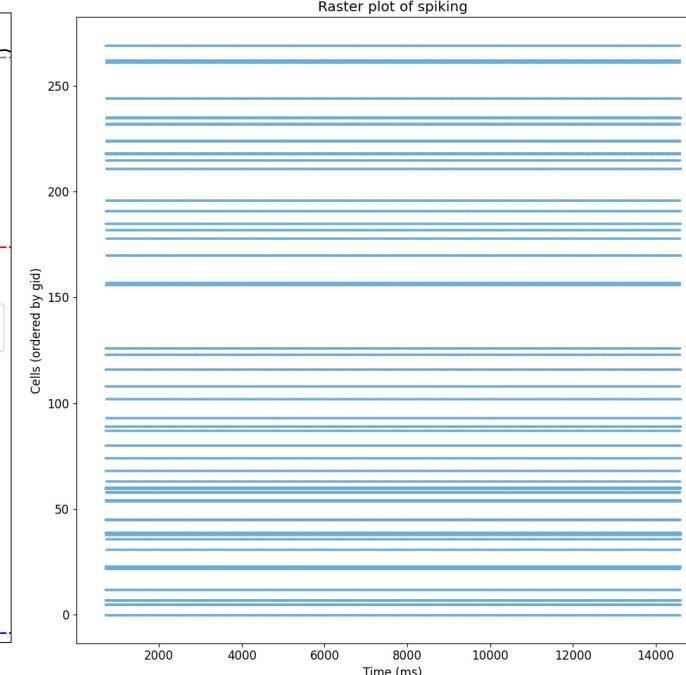
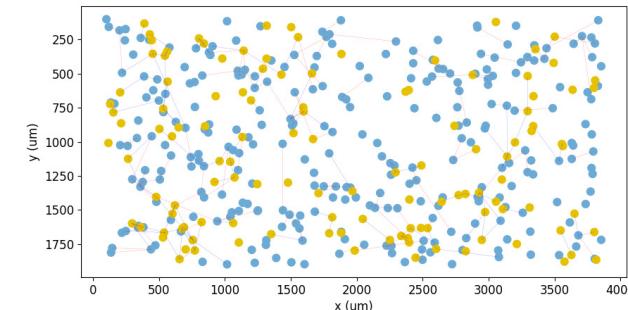


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_4/data.json
SimLabel	gen_1_cand_4
Generation Rank	25/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 2305.005410270547, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.0684931506849315, 'Fit': 1.0490347814981165}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 2293.9439536526916, 'Fit': 1000}
slopeFitness	{'Value': 0.002389641775171861, 'Fit': 1.0000107876752181}
thresh	{'Value': 2265.4160593837637, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 92.71523178807946, 'Fit': 6.12390194161218}
E_rate_fitness	{'Value': 7.734126984126983, 'Fit': 950.2934584711593}
I_rate_fitness	{'Value': 0.0833333333333333, 'Fit': 1000}
maxFitness	1000
average_fitness	746.5380419225852
average_scaled_fitness	0.7462842988514108

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

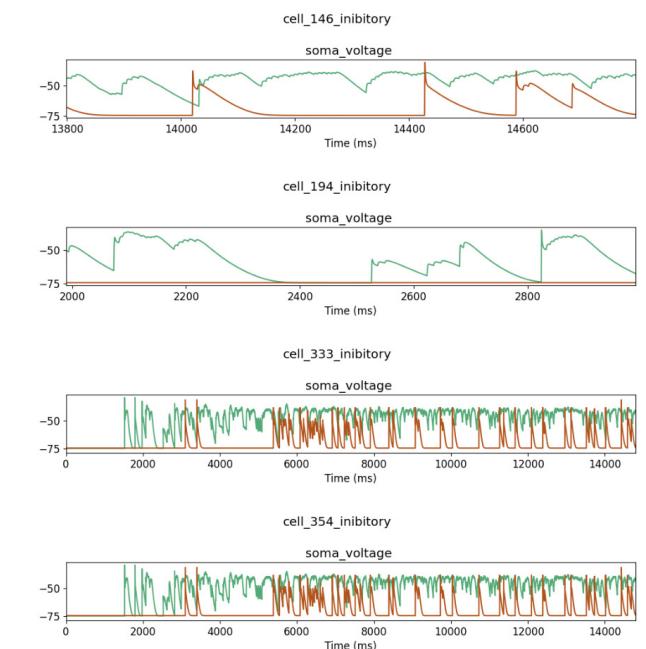
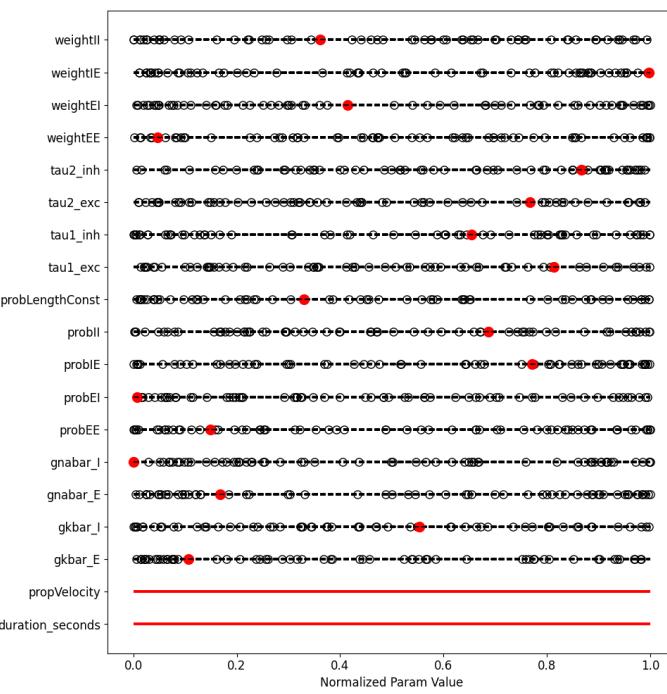
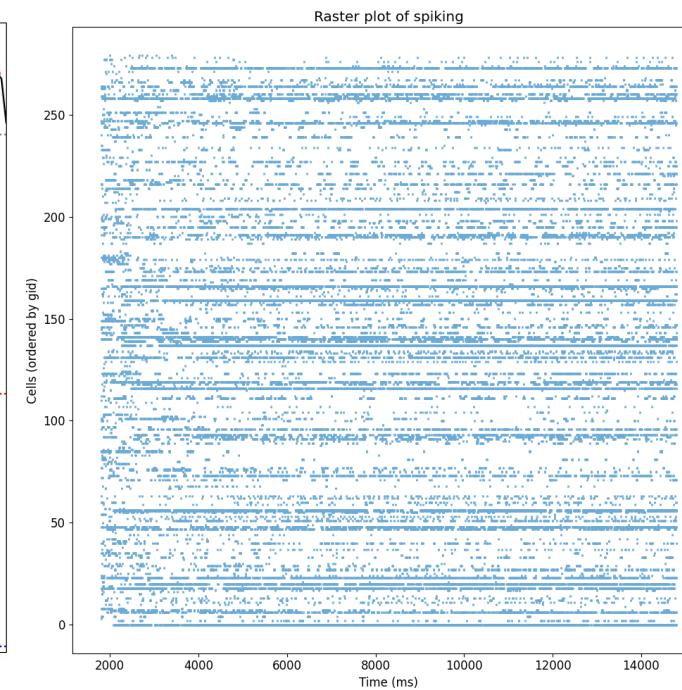
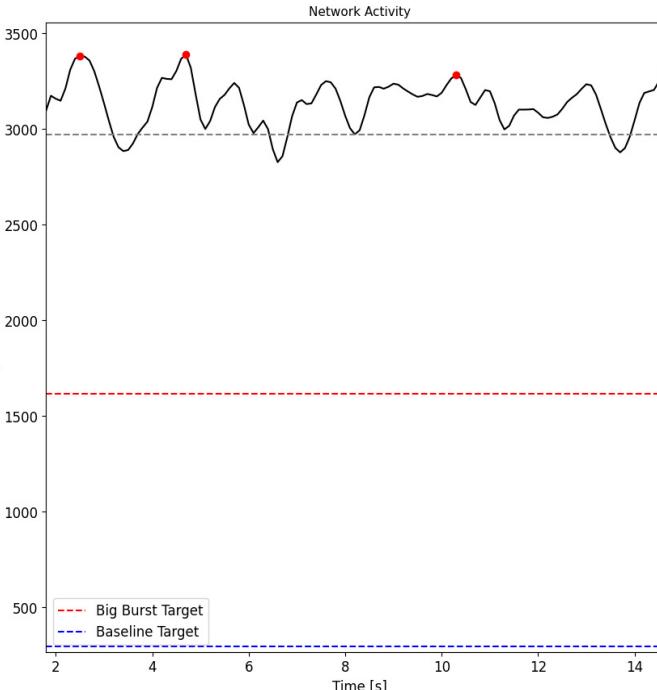


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_7/data.json
SimLabel	gen_1_cand_7
Generation Rank	5/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 3336.5607887961396, 'Fit': 1000.0}
numBig_Fitness	{'Value': 4, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.27027027027027023, 'Fit': 1.1663819811655187}
IBI_fitness	{'Value': 4.0333333333333334, 'Fit': 1.0004297901920334}
baseline_fitness	{'Value': 3134.2183344593805, 'Fit': 1000}
slopeFitness	{'Value': -0.3112915287376555, 'Fit': 1.3686009880070251}
thresh	{'Value': 2970.9220131644306, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 86.75496688741721, 'Fit': 63.3114017360115}
E_rate_fitness	{'Value': 1.0158730158730158, 'Fit': 1.1485569739339745}
I_rate_fitness	{'Value': 0.0, 'Fit': 1000}
maxFitness	1000
average_fitness	588.9996142891092
average_scaled_fitness	0.5885880254937714

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

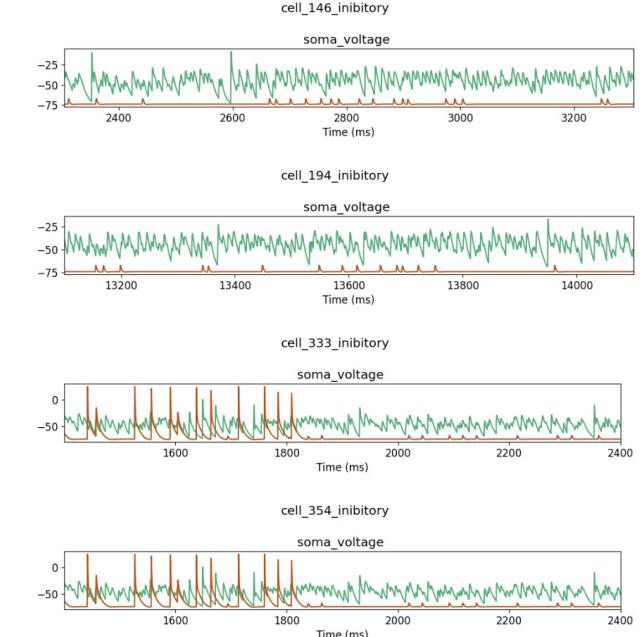
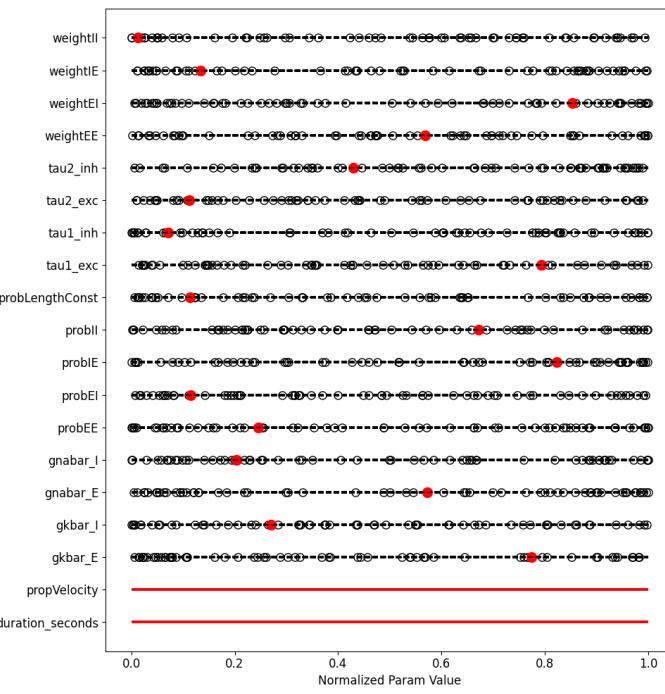
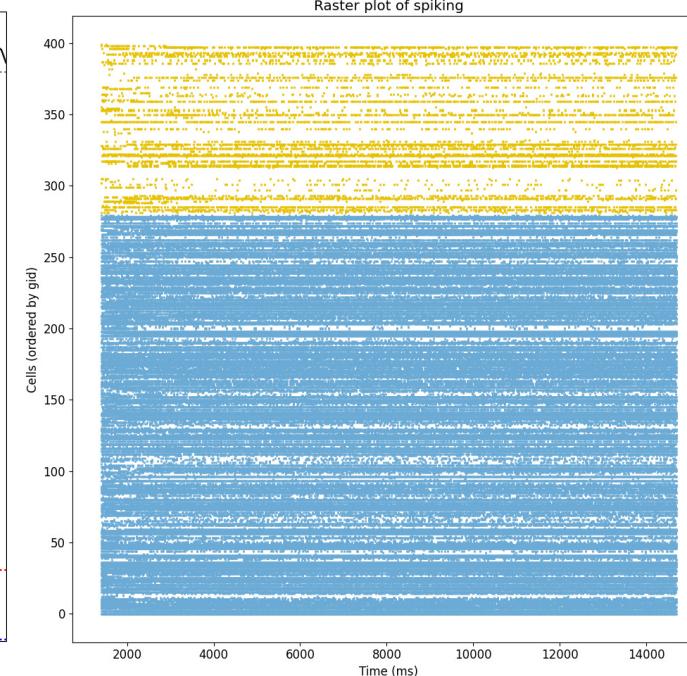
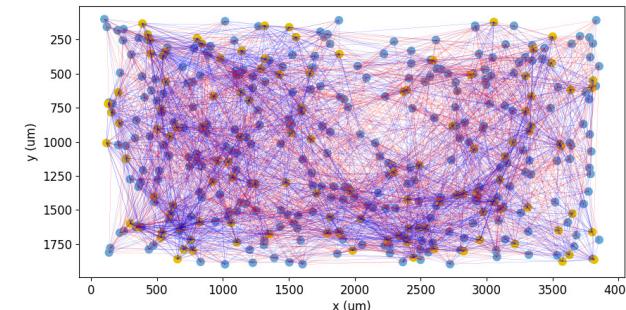


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_8_data.json
SimLabel	gen_1_cand_8
Generation Rank	14/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 11617.55390031951, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.06802721088435373, 'Fit': 1.0495236824453669}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 11438.409118467496, 'Fit': 1000}
slopeFitness	{'Value': 0.26317501988354797, 'Fit': 1.2978090638273232}
thresh	{'Value': 11040.862599460504, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.74172185430463, 'Fit': 8.682508357938584}
E_rate_fitness	{'Value': 15.412698412698413, 'Fit': 1000}
I_rate_fitness	{'Value': 3.1296296296296298, 'Fit': 4.859013757046725}
maxFitness	1000
average_fitness	667.9907379051048
average_scaled_fitness	0.6676419202293334

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

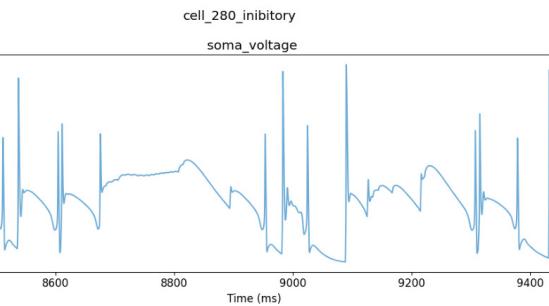
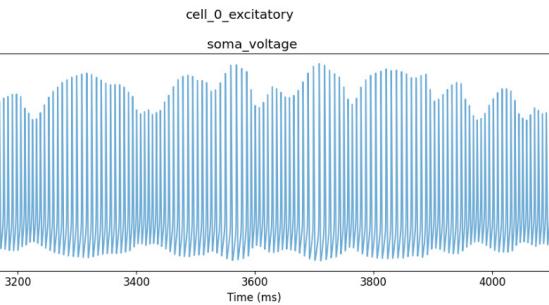
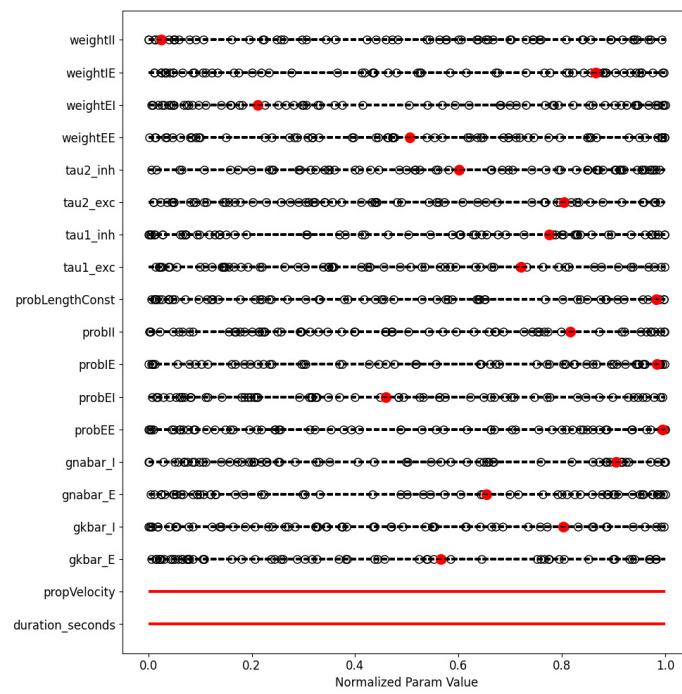
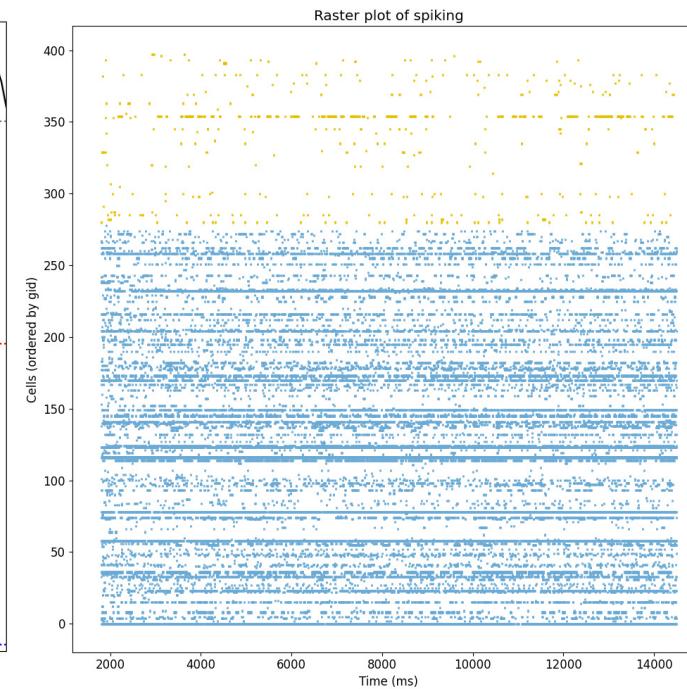
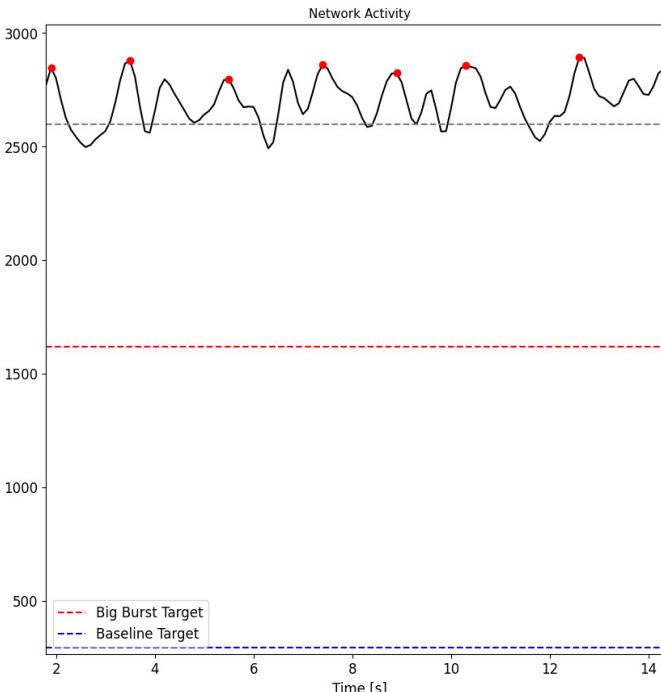


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_11/data.json
SimLabel	gen_1_cand_11
Generation Rank	9/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_oscillation	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 2849.187009332429, 'Fit': 1000.0}
numBig_Fitness	{'Value': 7, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.4827586206896552, 'Fit': 1.4425249048706024}
IBI_fitness	{'Value': 1.7833333333333334, 'Fit': 1.00006331426352892}
baseline_fitness	{'Value': 2701.3261299237574, 'Fit': 1000}
slopeFitness	{'Value': 0.6083689167696755, 'Fit': 1.8328486649747187}
thresh	{'Value': 2595.731021846172, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 84.76821192052981, 'Fit': 461.65617406100006}
E_rate_fitness	{'Value': 4.984126984126984, 'Fit': 60.74958904017433}
I_rate_fitness	{'Value': 1.2314814814814816, 'Fit': 1000}
maxFitness	1000
average_fitness	627.2234808178046
average_scaled_fitness	0.6268500946553455

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

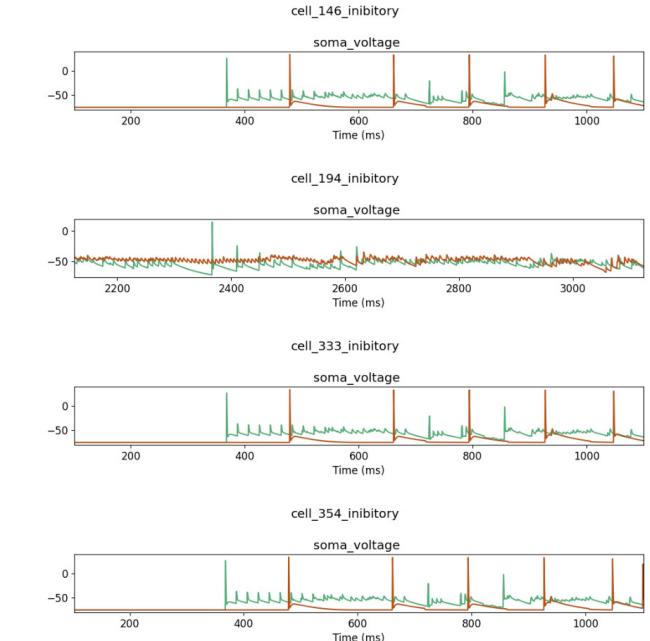
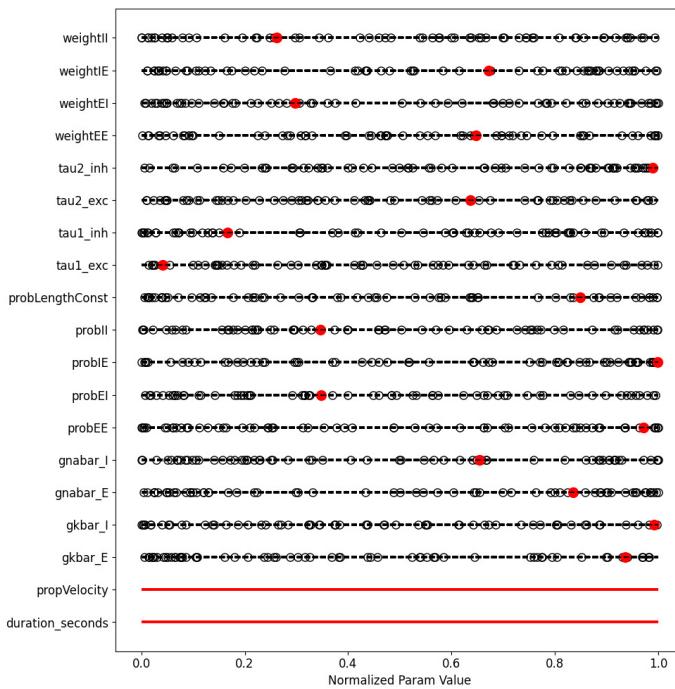
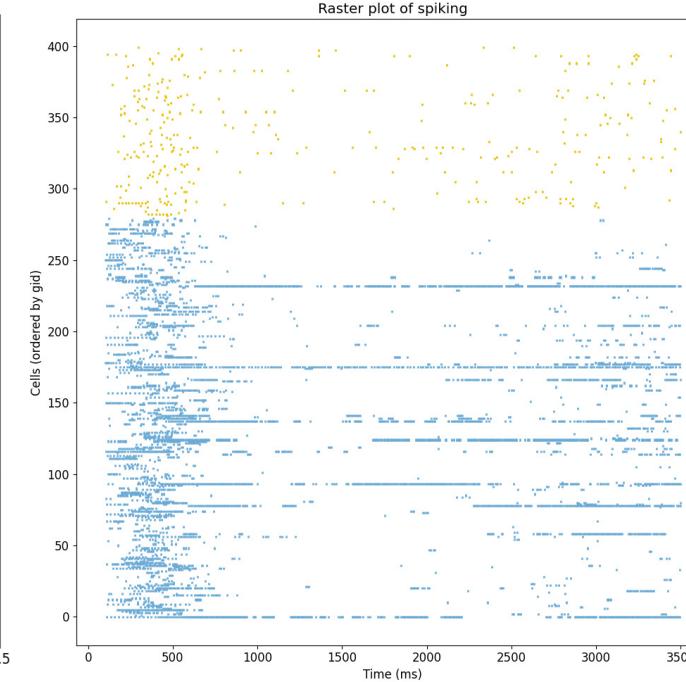
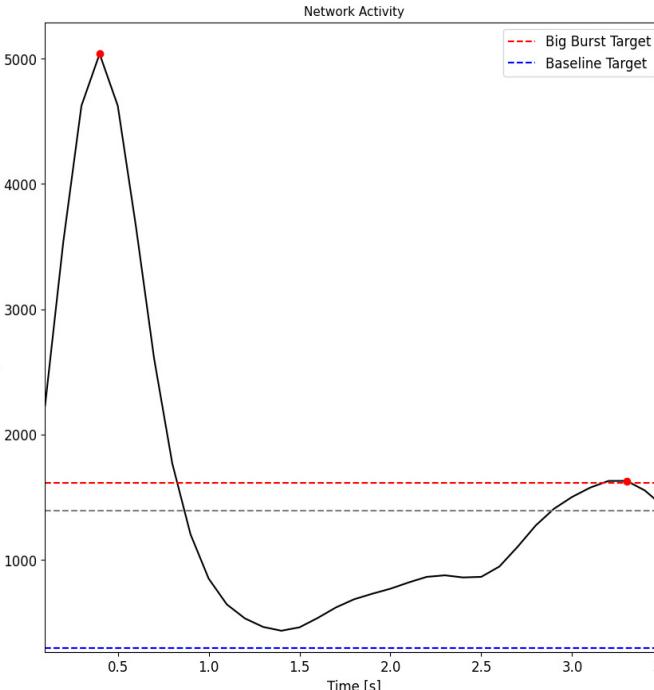
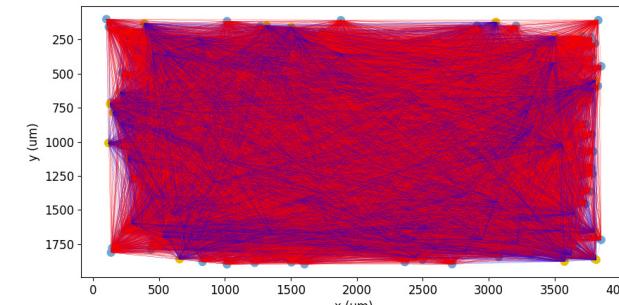


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_15_data.json
SimLabel	gen_1_cand_15
Generation Rank	31/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 3333.182381593562, 'Fit': 500.50001883093614}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5714285714285714, 'Fit': 1.5762757352780563}
IBI_fitness	{'Value': 2.9000000000000004, 'Fit': 1.0000532210227654}
baseline_fitness	{'Value': 1552.865498144571, 'Fit': 1000}
slopeFitness	{'Value': -59.569893202975514, 'Fit': 1000}
thresh	{'Value': 1390.44614207709, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 23.178807947019866, 'Fit': 1000}
E_rate_fitness	{'Value': 11.46031746031746, 'Fit': 1000}
I_rate_fitness	{'Value': 1.7037037037037037, 'Fit': 1000}
maxFitness	1000
average_fitness	791.9230688980368
average_scaled_fitness	0.7917146727191745

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

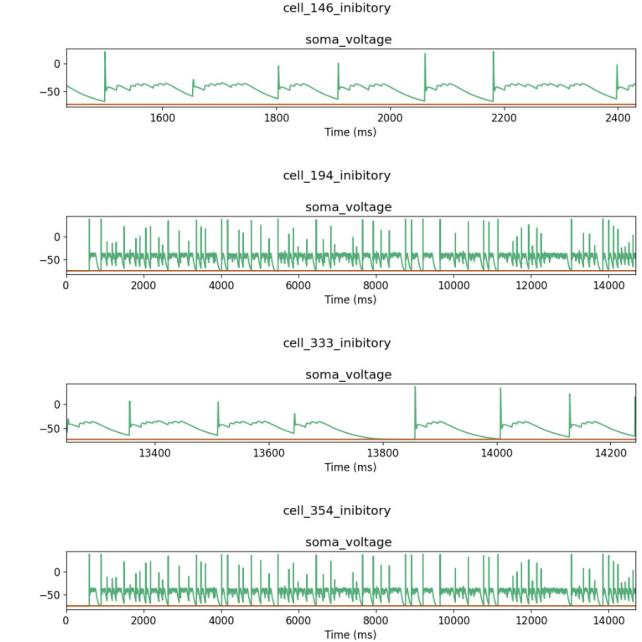
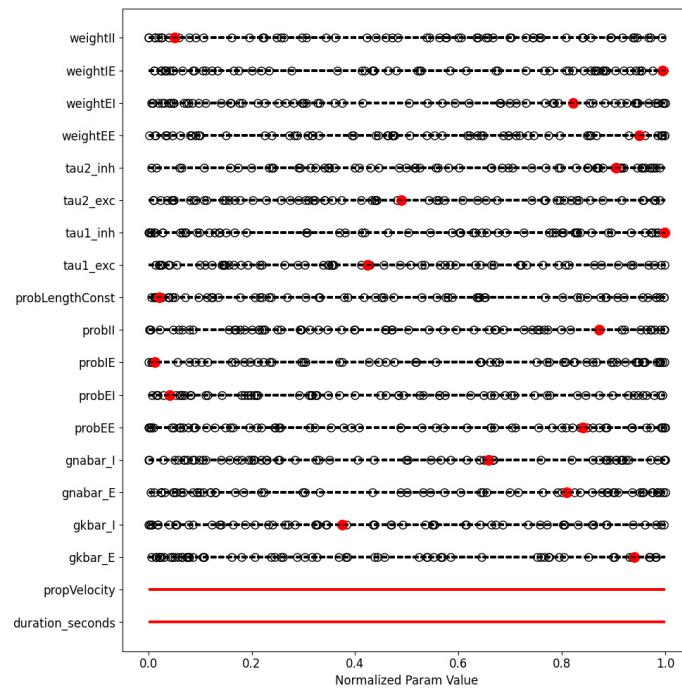
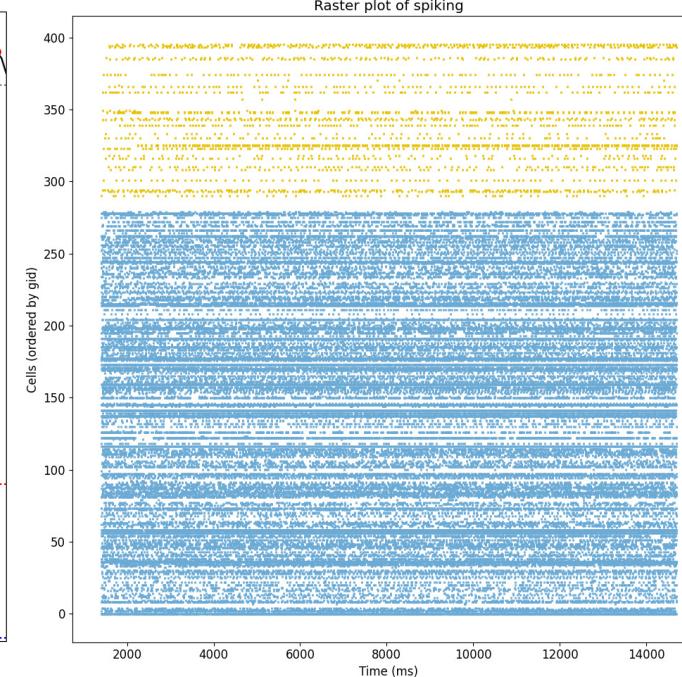
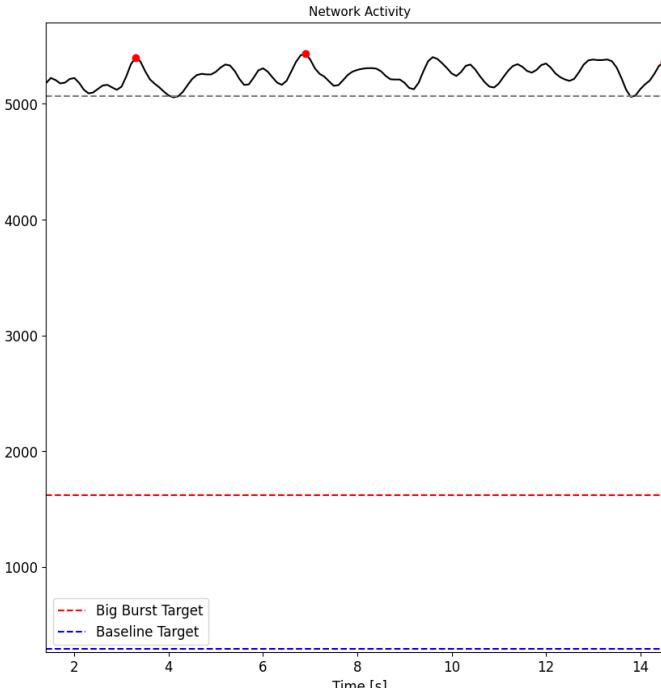
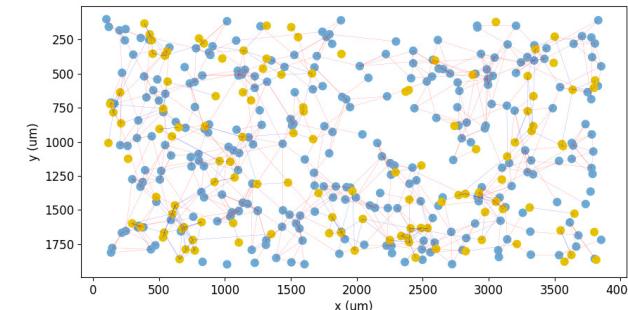


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_16_data.json
SimLabel	gen_1_cand_16
Generation Rank	12/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 5394.950383904103, 'Fit': 1000.0}
numBig_Fitness	{'Value': 3, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.2040816326530612, 'Fit': 1.0916802207425746}
IBI_fitness	{'Value': 5.6, 'Fit': 1.00028822406412}
baseline_fitness	{'Value': 5244.2008599216315, 'Fit': 1000}
slopeFitness	{'Value': 0.6736482842265751, 'Fit': 1.9564874957533605}
thresh	{'Value': 5067.150713655187, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.74172185430463, 'Fit': 8.682508357938584}
E_rate_fitness	{'Value': 8.873015873015873, 'Fit': 1000}
I_rate_fitness	{'Value': 0.4907407407407407, 'Fit': 1000}
maxFitness	1000
average_fitness	667.7275803582082
average_scaled_fitness	0.6673948793727812

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

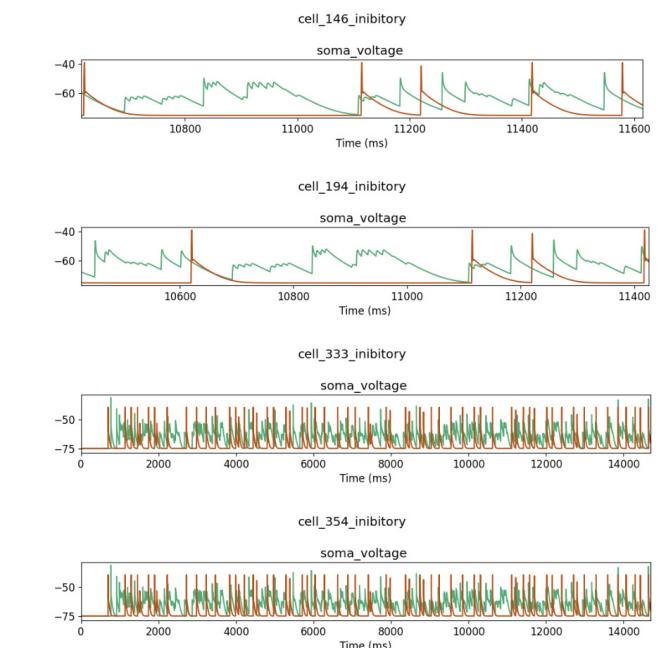
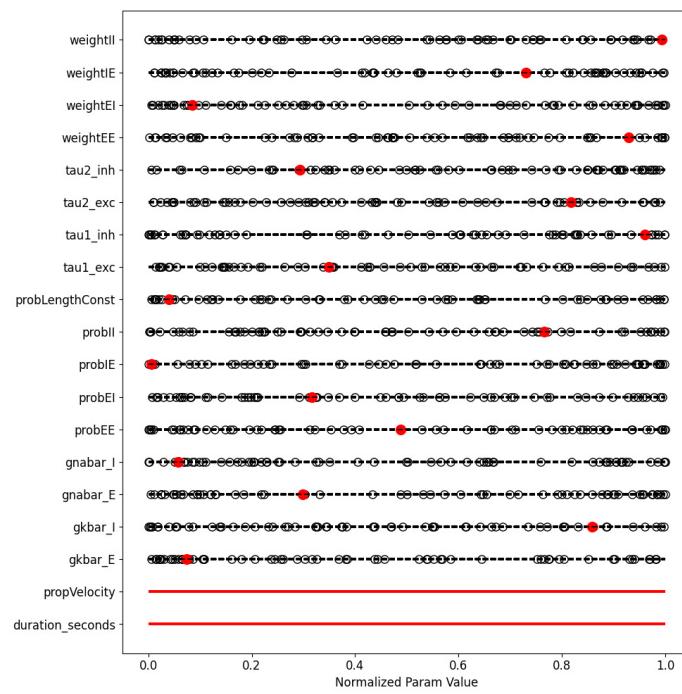
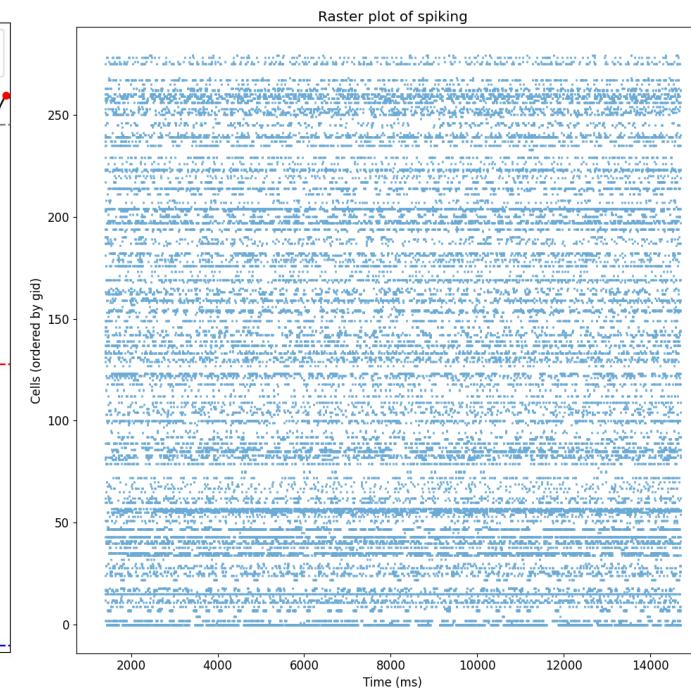
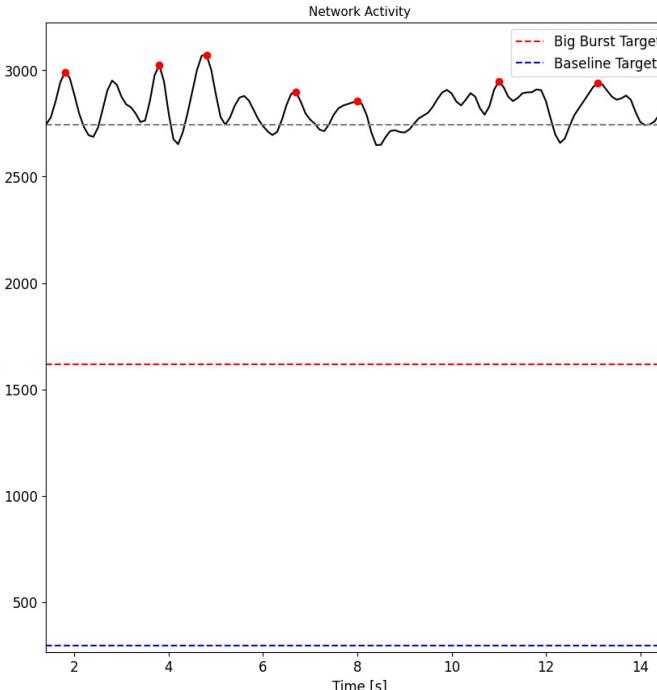


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_17/data.json
SimLabel	gen_1_cand_17
Generation Rank	6/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 2951.1862724667562, 'Fit': 1000.0}
numBig_Fitness	{'Value': 8, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5442176870748299, 'Fit': 1.5339621839393691}
IBI_fitness	{'Value': 1.8285714285714287, 'Fit': 1.00006290545968983}
baseline_fitness	{'Value': 2824.935260624998, 'Fit': 1000}
slopeFitness	{'Value': -0.029547335103471423, 'Fit': 1.032563812495027}
thresh	{'Value': 2743.9600980105347, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.74172185430463, 'Fit': 8.682508357938584}
E_rate_fitness	{'Value': 5.738095238095238, 'Fit': 129.11823970271843}
I_rate_fitness	{'Value': 0.0, 'Fit': 1000}
maxFitness	1000
average_fitness	595.1139919259741
average_scaled_fitness	0.5947084454208794

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

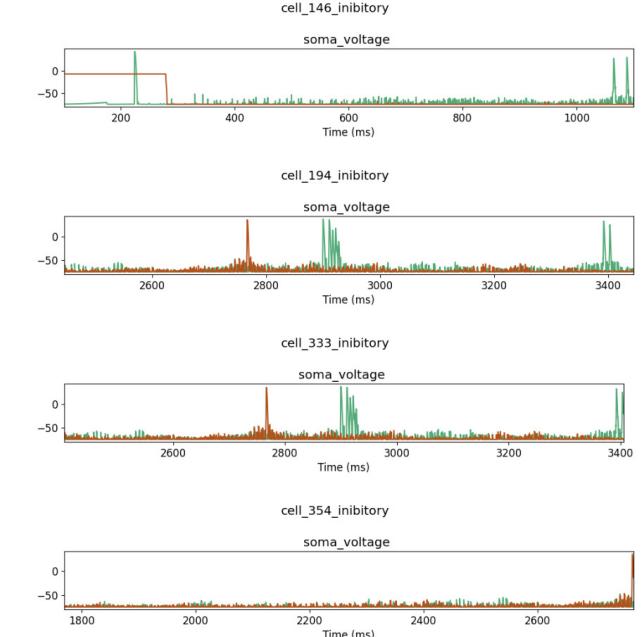
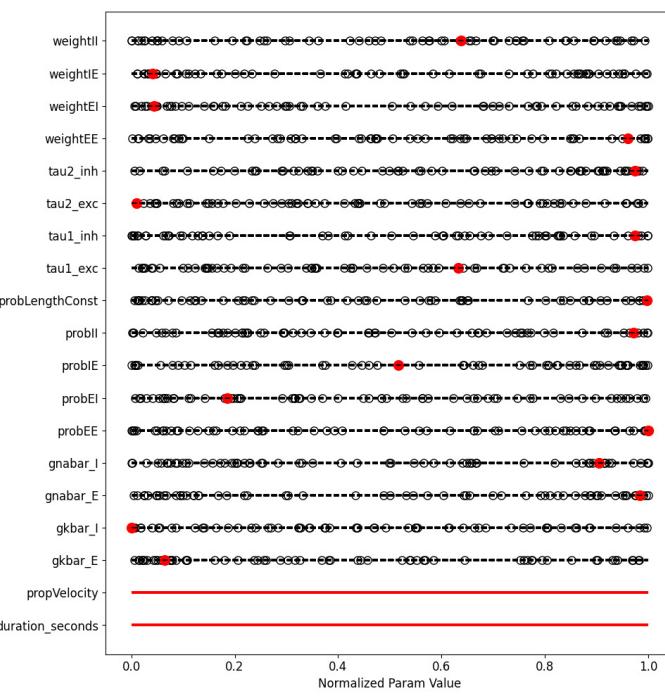
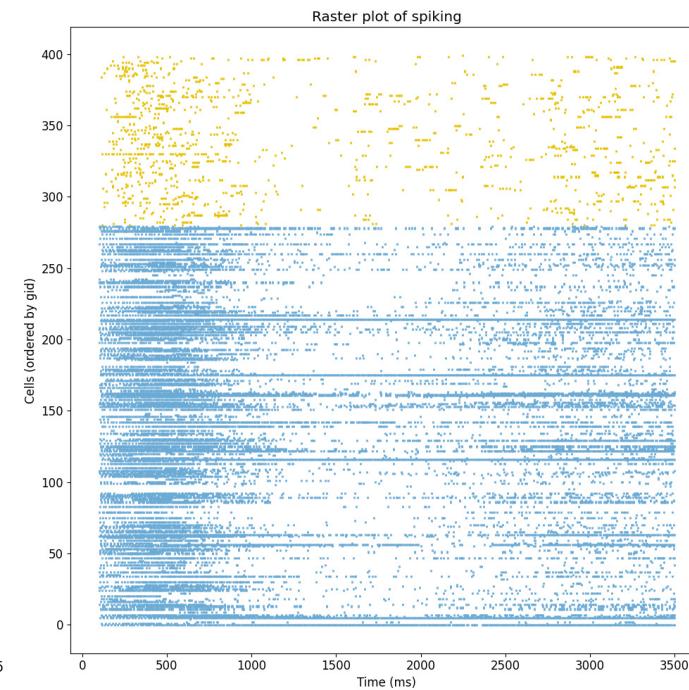
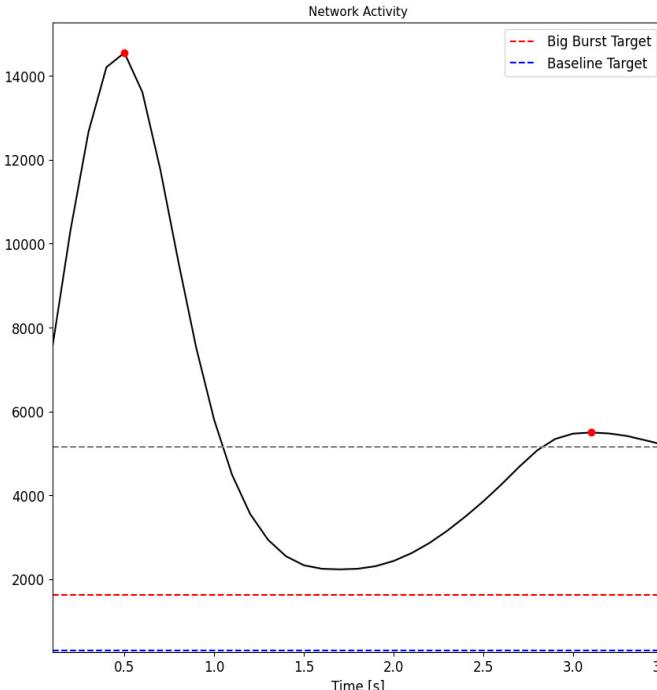


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_22_data.json
SimLabel	gen_1_cand_22
Generation Rank	26/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 10022.797043280767, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5714285714285714, 'Fit': 1.5762757352780563}
IBI_fitness	{'Value': 2.6, 'Fit': 1.0005593252891092}
baseline_fitness	{'Value': 5789.881365929823, 'Fit': 1000}
slopeFitness	{'Value': -202.07124164915317, 'Fit': 1000}
thresh	{'Value': 5155.431471659145, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 23.178807947019866, 'Fit': 1000}
E_rate_fitness	{'Value': 39.33333333333333, 'Fit': 1000}
I_rate_fitness	{'Value': 6.055555555555555, 'Fit': 3.838533679030593}
maxFitness	1000
average_fitness	750.5346140616331
average_scaled_fitness	0.7502847591487326

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

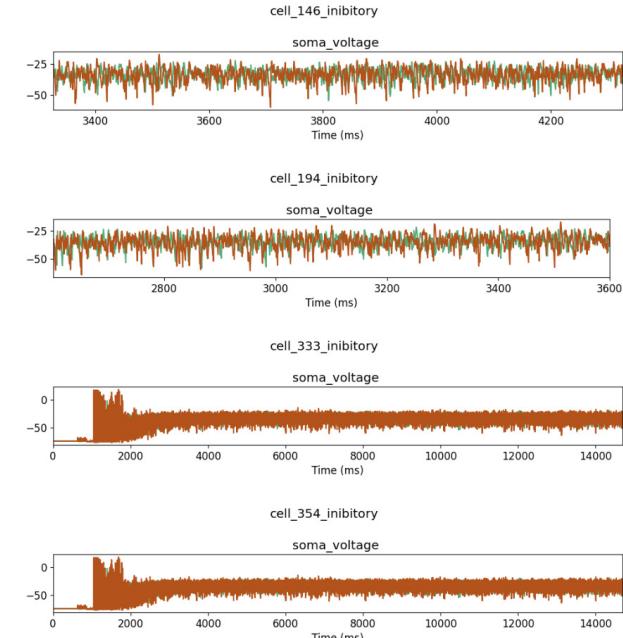
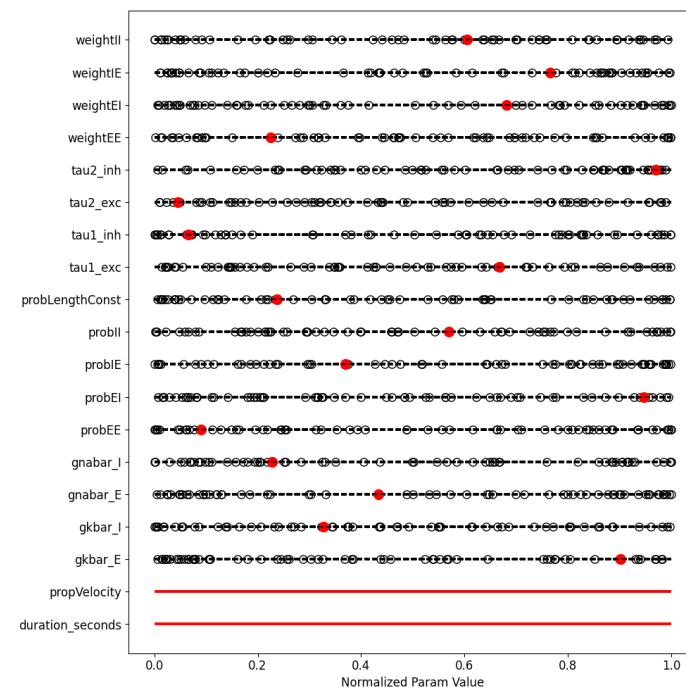
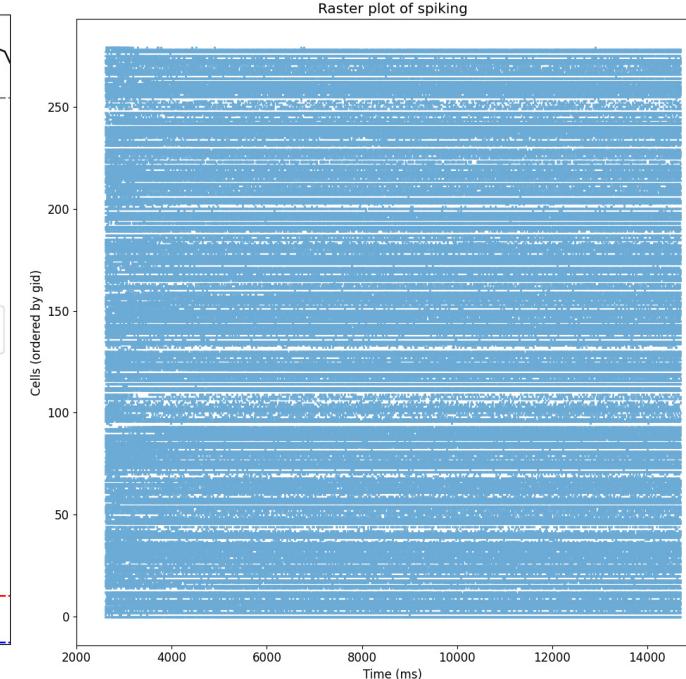
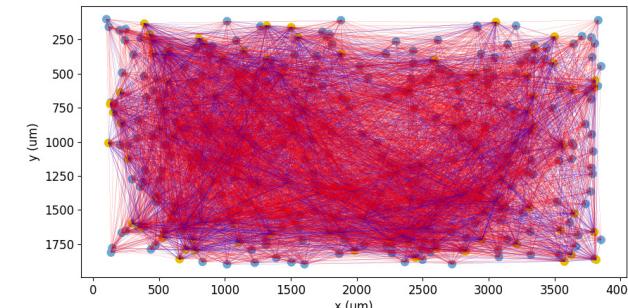


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_24_data.json
SimLabel	gen_1_cand_24
Generation Rank	15/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 17104.53504975654, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.06802721088435373, 'Fit': 1.0495236824453669}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 16863.461741894054, 'Fit': 1000}
slopeFitness	{'Value': 0.994313766401611, 'Fit': 2.696126878477583}
thresh	{'Value': 15598.222680568517, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 80.79470198675497, 'Fit': 1000}
E_rate_fitness	{'Value': 3.087301587301587, 'Fit': 9.115123167004949}
I_rate_fitness	{'Value': 3.4166666666666667, 'Fit': 3.6466117530485405}
maxFitness	1000
average_fitness	668.0422821234147
average_scaled_fitness	0.6676935186013567

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

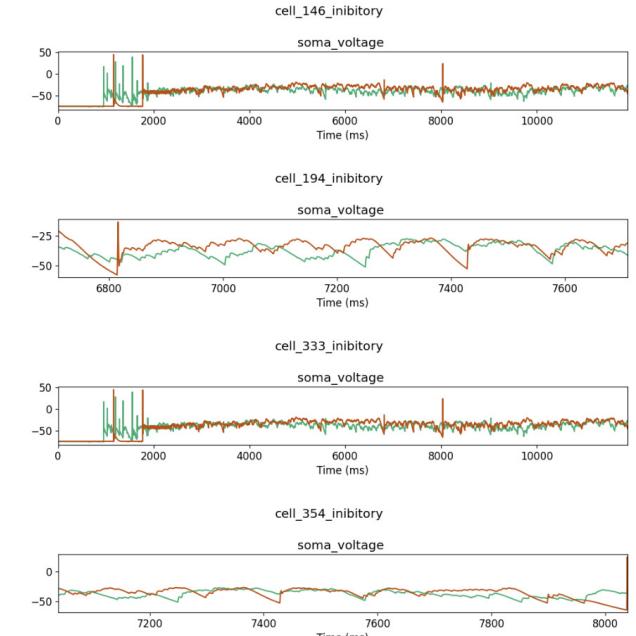
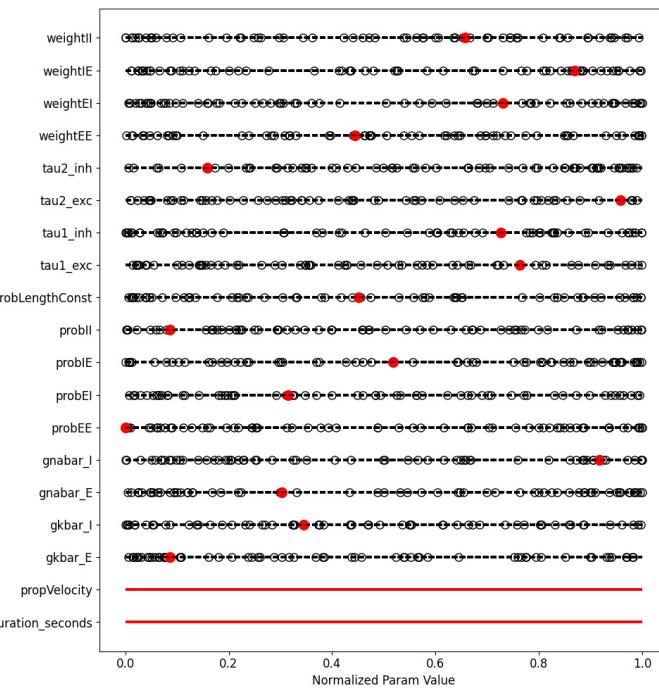
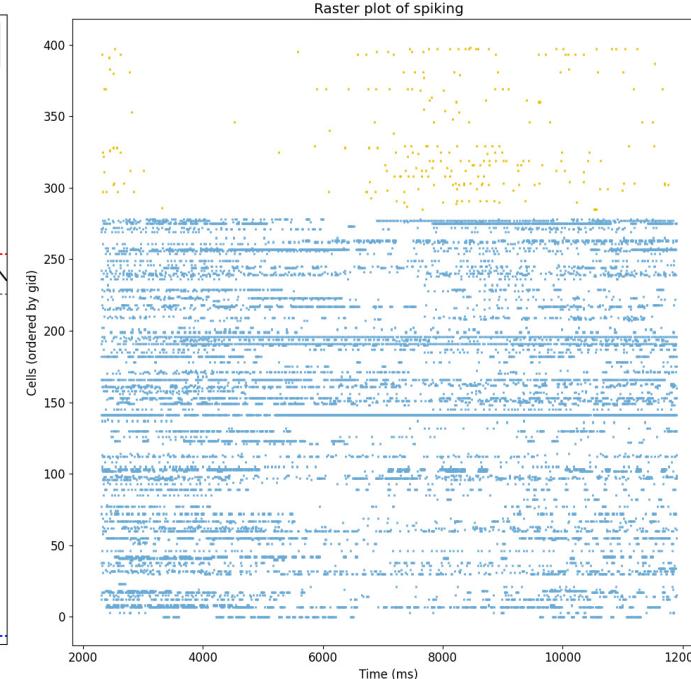
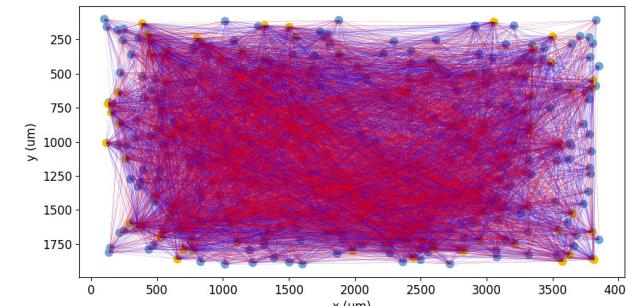


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_25_data.json
SimLabel	gen_1_cand_25
Generation Rank	10/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 2032.518108485876, 'Fit': 500.5001664215081}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.1680672268907563, 'Fit': 1.0530635582342562}
IBI_fitness	{'Value': 6.9, 'Fit': 1.0001707462828044}
baseline_fitness	{'Value': 1558.626785469093, 'Fit': 1000}
slopeFitness	{'Value': -5.462178642800555, 'Fit': 236.1993508633839}
thresh	{'Value': 1476.6161976101057, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 64.23841059602648, 'Fit': 1000}
E_rate_fitness	{'Value': 1.444444444444444, 'Fit': 1.7631073247081446}
I_rate_fitness	{'Value': 2.5833333333333335, 'Fit': 1000}
maxFitness	1000
average_fitness	645.0429882428431
average_scaled_fitness	0.6446876151897639

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

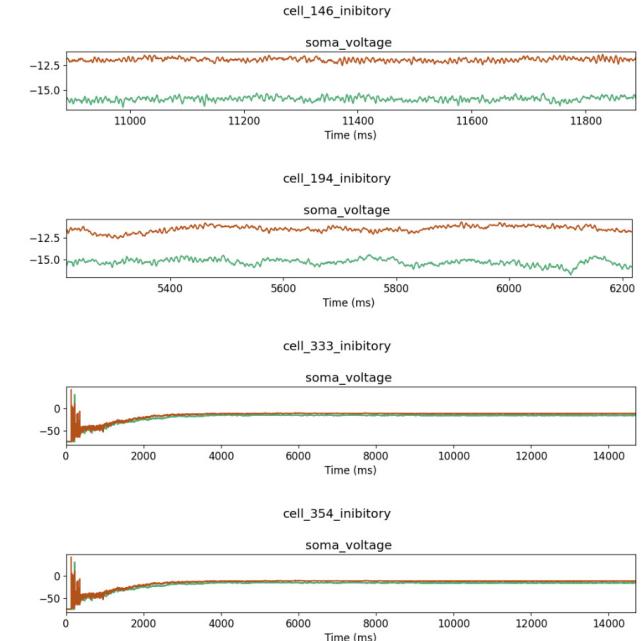
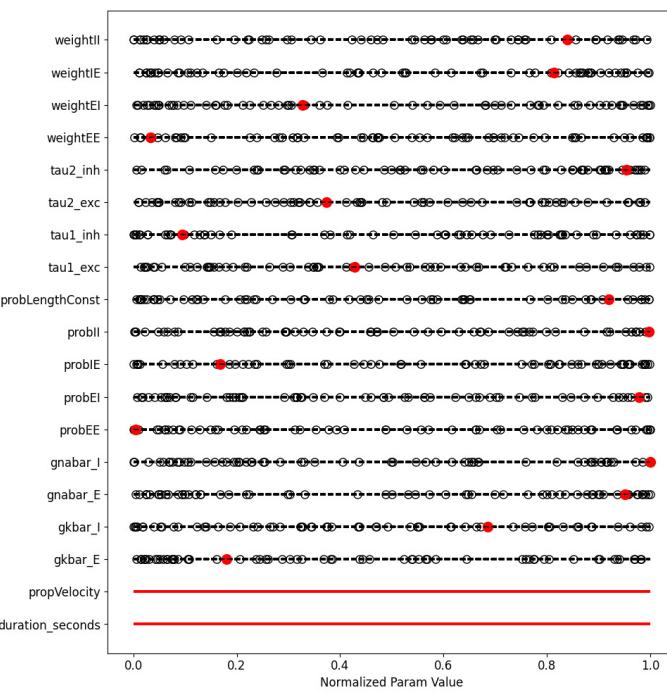
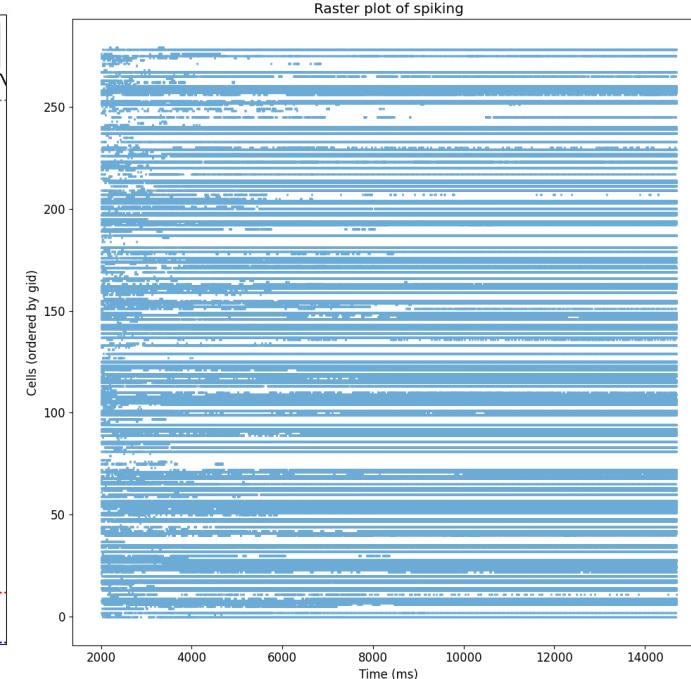
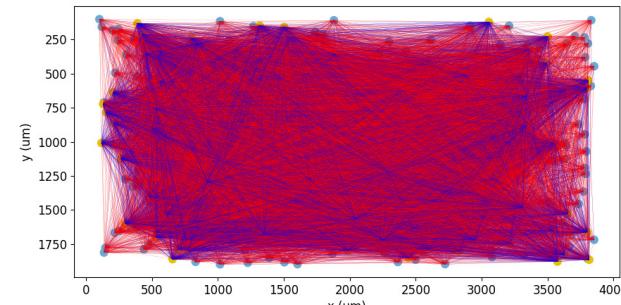


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_27_data.json
SimLabel	gen_1_cand_27
Generation Rank	30/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 15997.569743326998, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.06802721088435373, 'Fit': 1.0495236824453669}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 15259.97775937247, 'Fit': 1000}
slopeFitness	{'Value': -1.901962609782442, 'Fit': 6.715780949655478}
thresh	{'Value': 14541.94037776391, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 84.76821192052981, 'Fit': 461.65617406100006}
E_rate_fitness	{'Value': 20.99206349206349, 'Fit': 1000}
I_rate_fitness	{'Value': 1.8425925925925926, 'Fit': 1000}
maxFitness	1000
average_fitness	789.1184565577583
average_scaled_fitness	0.7888968988536676

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

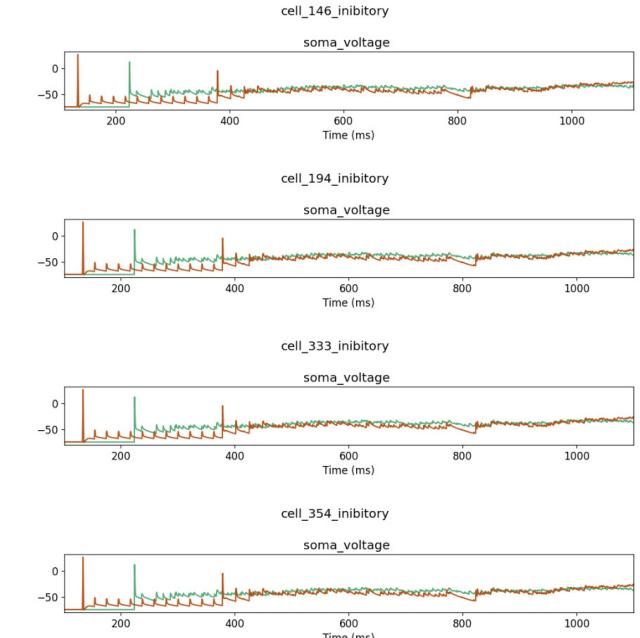
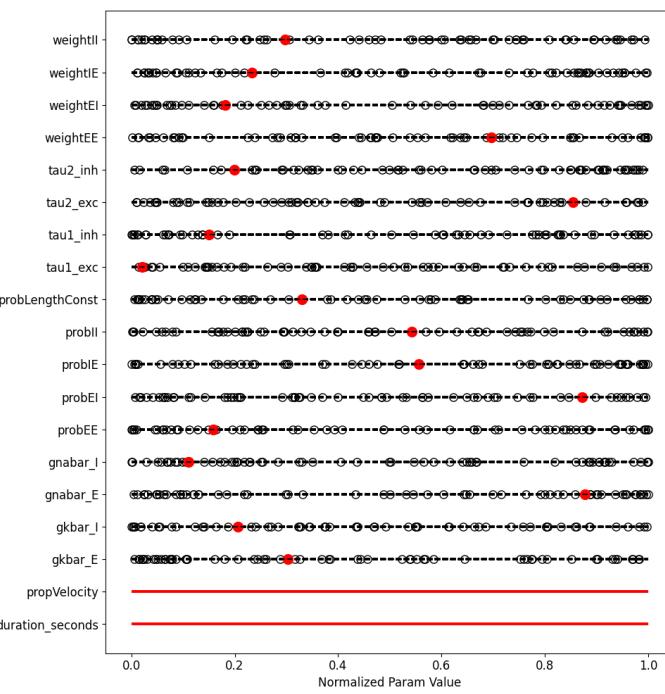
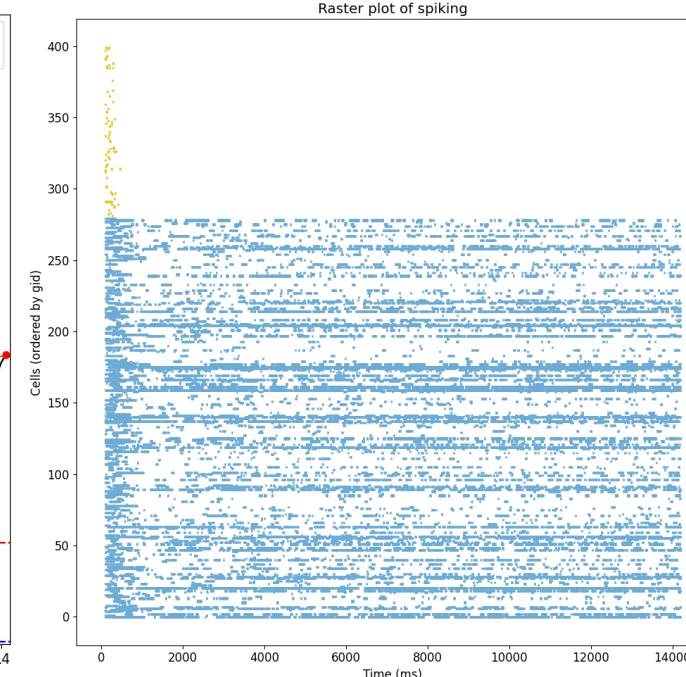
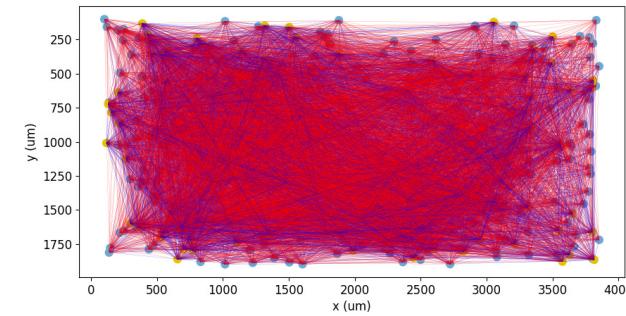


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_30_data.json
SimLabel	gen_1_cand_30
Generation Rank	21/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 4656.576947846989, 'Fit': 1000.0}
numBig_Fitness	{'Value': 9, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6338028169014084, 'Fit': 1.6777257910501002}
IBI_fitness	{'Value': 1.7125000000000001, 'Fit': 1.00006395495588591}
baseline_fitness	{'Value': 4062.998848557805, 'Fit': 1000}
slopeFitness	{'Value': -4.3864707668016845, 'Fit': 80.55726351193042}
thresh	{'Value': 4096.451328297533, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.03973509933775, 'Fit': 23.027813703428244}
E_rate_fitness	{'Value': 23.33333333333332, 'Fit': 1000}
I_rate_fitness	{'Value': 0.6944444444444444, 'Fit': 1000}
maxFitness	1000
average_fitness	675.5219535463307
average_scaled_fitness	0.6751969427614402

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

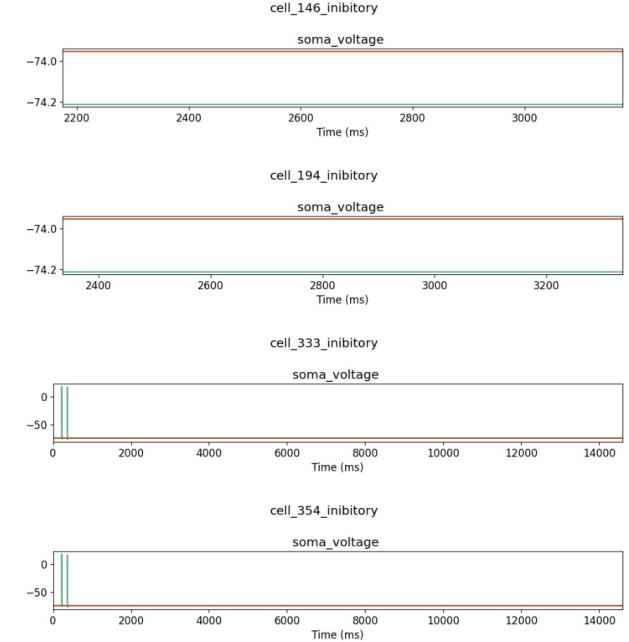
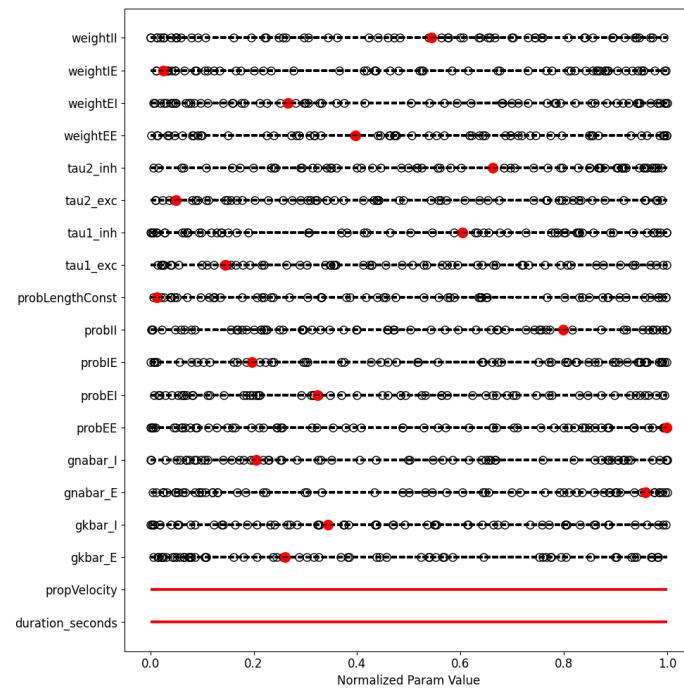
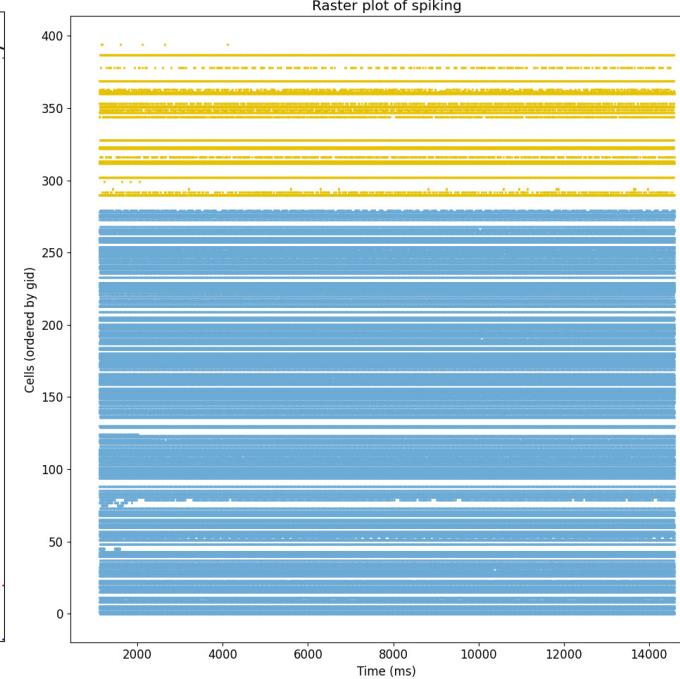
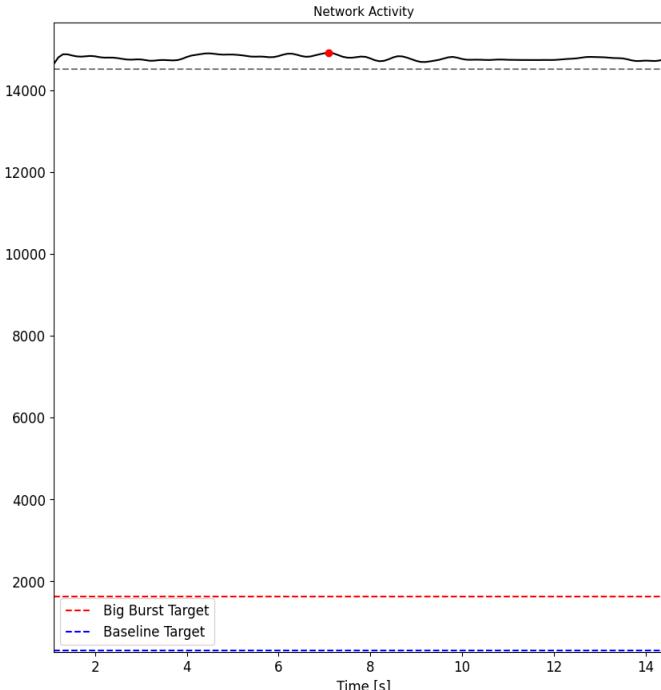
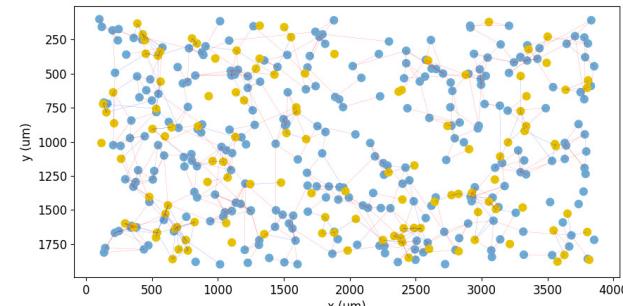


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_31_data.json
SimLabel	gen_1_cand_31
Generation Rank	18/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 2.6321000001}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 14911.442233367943, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.0684931506849315, 'Fit': 1.0490347814981165}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 14785.320383492948, 'Fit': 1000}
slopeFitness	{'Value': -0.5577423101941571, 'Fit': 1.7510924020067407}
thresh	{'Value': 14513.906975118658, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 90.06622516556291, 'Fit': 2.308982974937318}
E_rate_fitness	{'Value': 40.92063492063492, 'Fit': 1000}
I_rate_fitness	{'Value': 8.351851851851851, 'Fit': 38.14469667253446}
maxFitness	1000
average_fitness	670.271150569248
average_scaled_fitness	0.6699248902986646

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

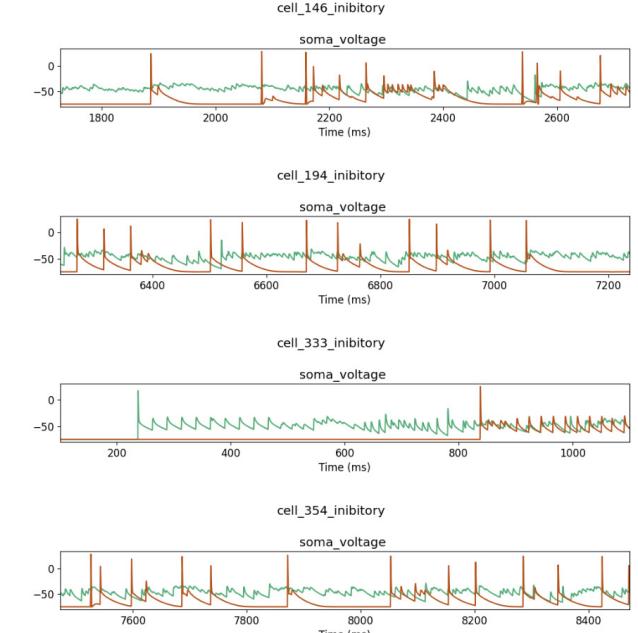
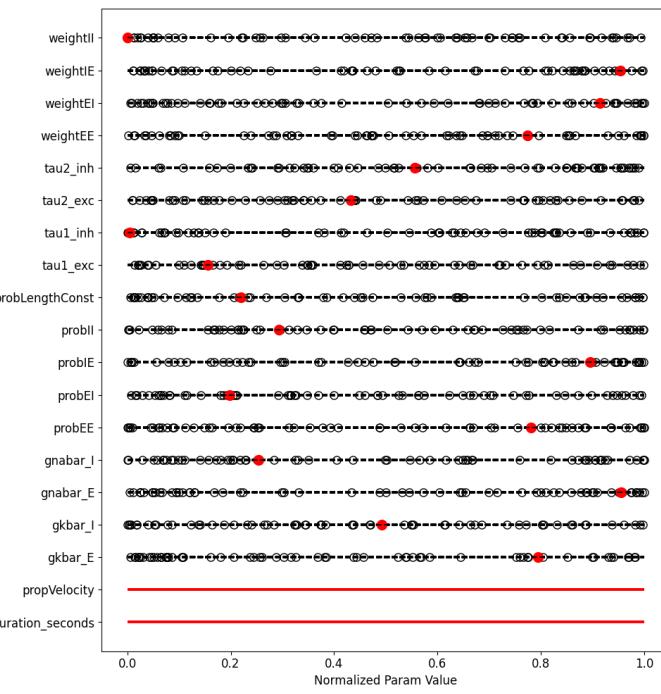
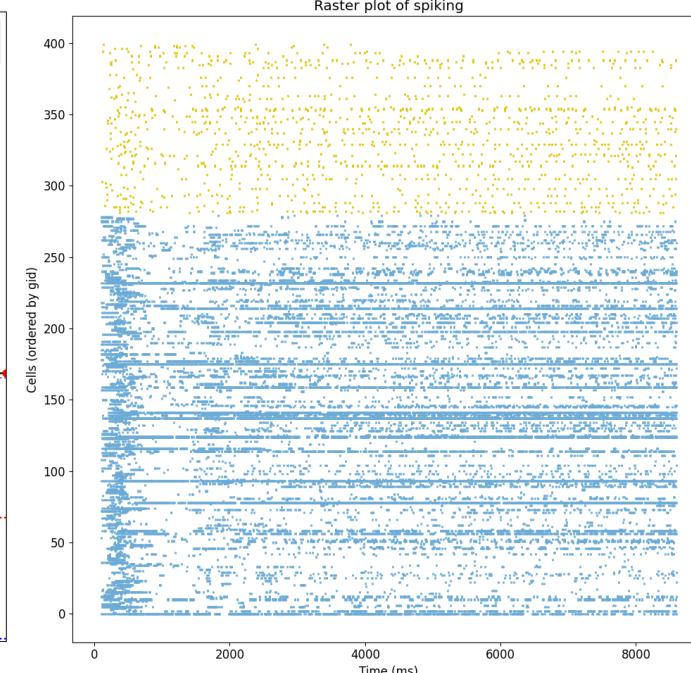
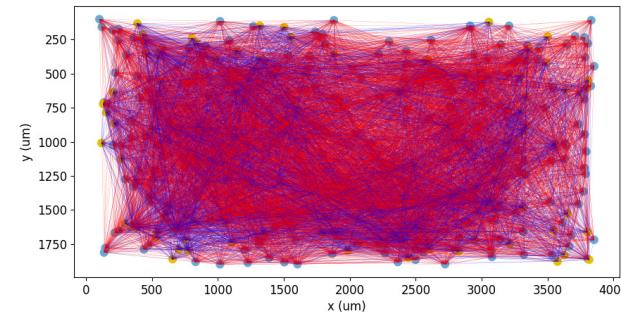


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_33_data.json
SimLabel	gen_1_cand_33
Generation Rank	32/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 3841.14711667126, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6976744186046512, 'Fit': 1.7883810732185252}
IBI_fitness	{'Value': 1.64, 'Fit': 1.000646100230151}
baseline_fitness	{'Value': 3184.8656263653247, 'Fit': 1000}
slopeFitness	{'Value': -9.586190301965726, 'Fit': 1000}
thresh	{'Value': 3145.124060033867, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 56.95364238410596, 'Fit': 1000}
E_rate_fitness	{'Value': 16.9166666666666664, 'Fit': 1000}
I_rate_fitness	{'Value': 1.4166666666666665, 'Fit': 1000}
maxFitness	1000
average_fitness	833.5657522644541
average_scaled_fitness	0.833399043667205

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

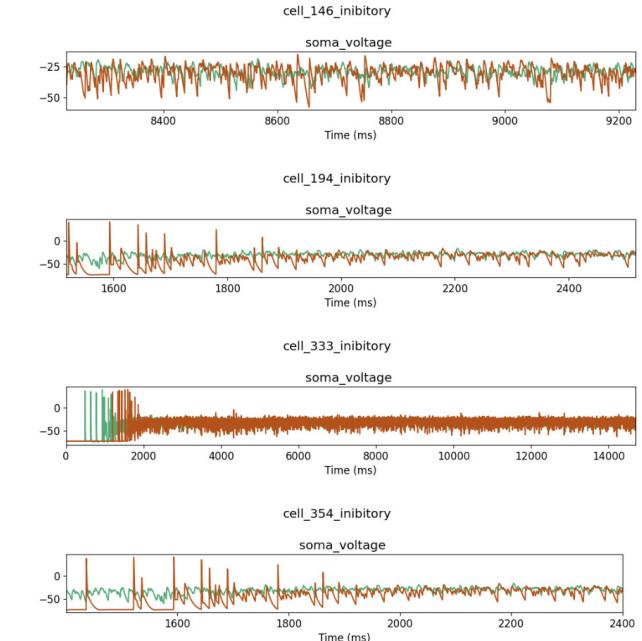
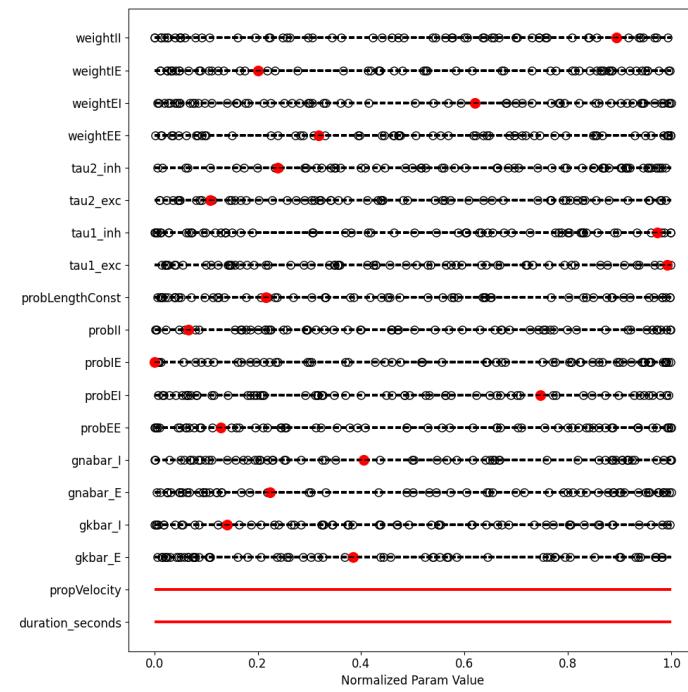
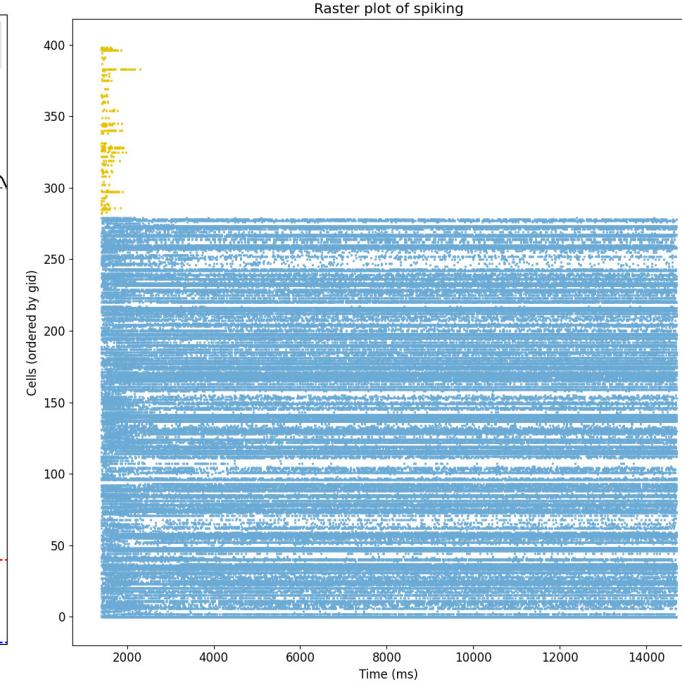
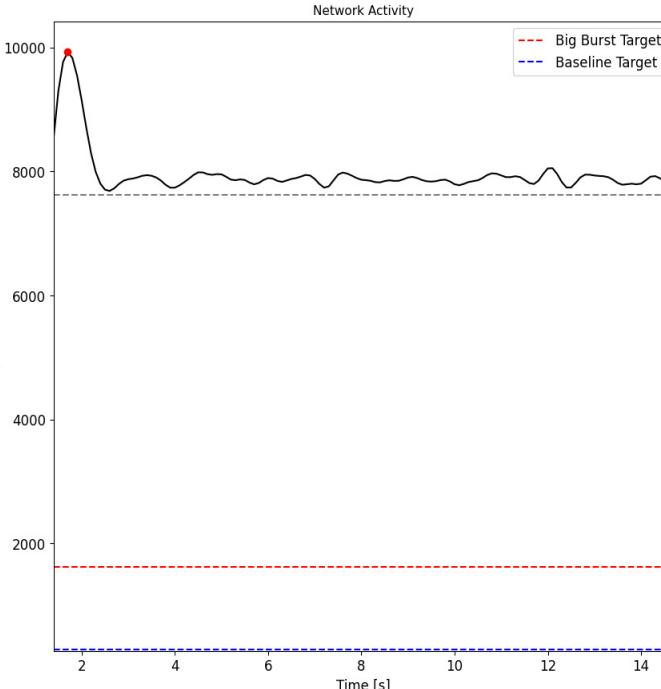
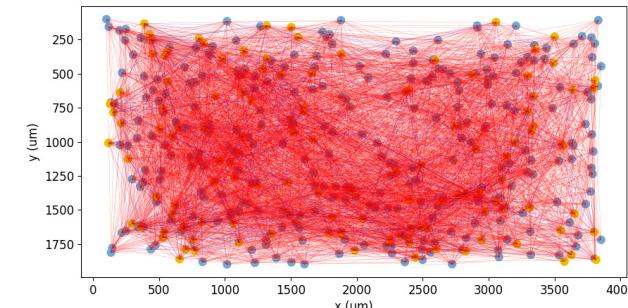


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_34_data.json
SimLabel	gen_1_cand_34
Generation Rank	3/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 9924.847886861144, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.06802721088435373, 'Fit': 1.0495236824453669}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 7958.169892665999, 'Fit': 1000}
slopeFitness	{'Value': -3.829506881150664, 'Fit': 46.15495829517425}
thresh	{'Value': 7617.746345907694, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.74172185430463, 'Fit': 8.682508357938584}
E_rate_fitness	{'Value': 1.6865079365079363, 'Fit': 2.245978468805529}
I_rate_fitness	{'Value': 4.12962962962963, 'Fit': 1.7875312655866995}
maxFitness	1000
average_fitness	588.3267083391626
average_scaled_fitness	0.5878941935356048

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

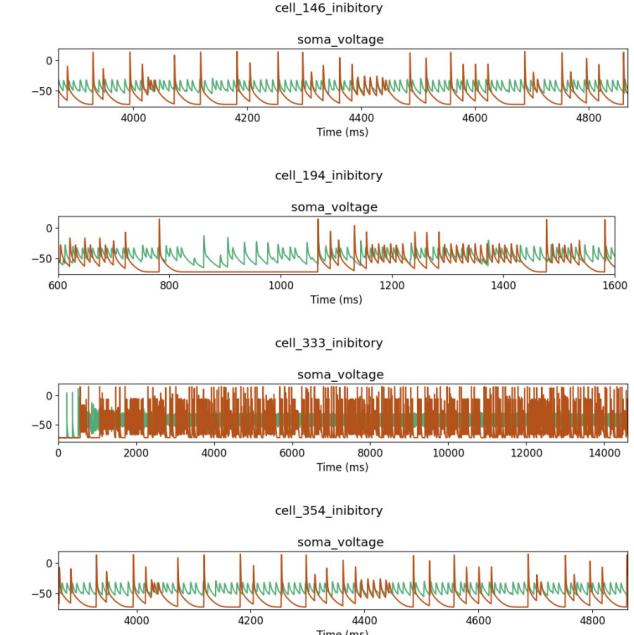
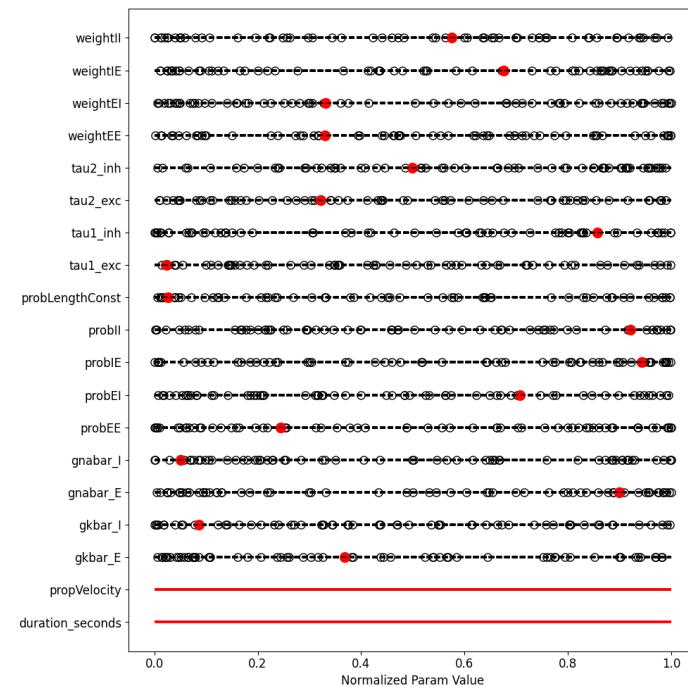
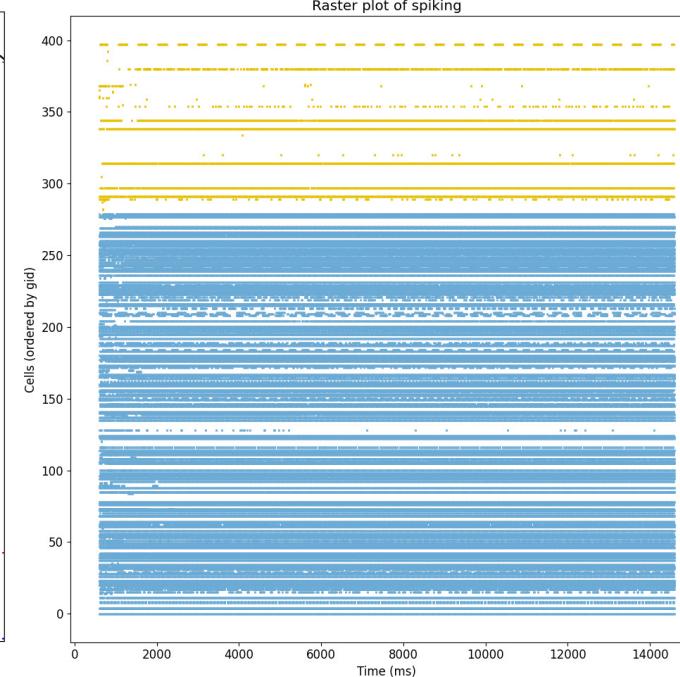
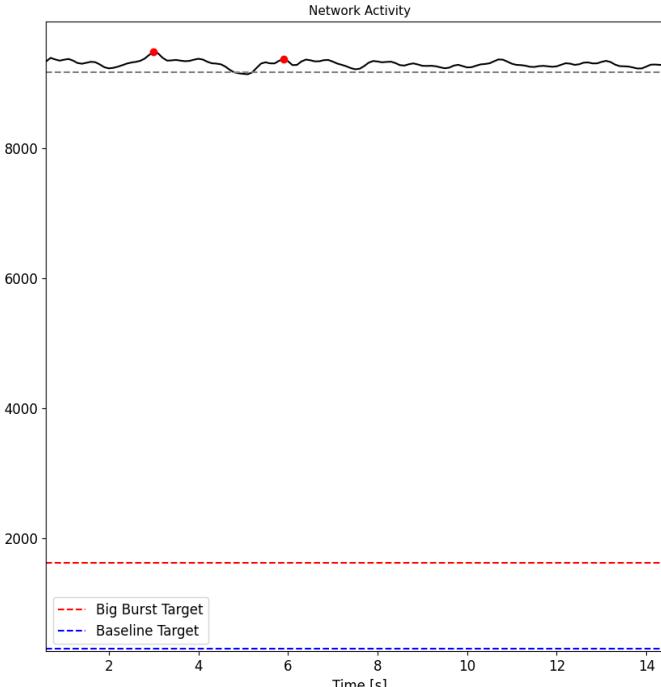
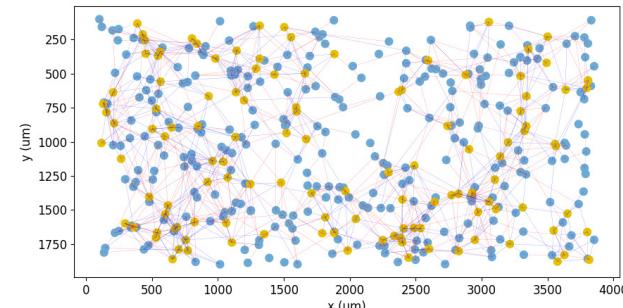


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_36_data.json
SimLabel	gen_1_cand_36
Generation Rank	13/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 9423.678525838015, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.136986301369863, 'Fit': 1.020836781513554}
IBI_fitness	{'Value': 2.9000000000000004, 'Fit': 1.0000532210227654}
baseline_fitness	{'Value': 9294.768184669674, 'Fit': 1000}
slopeFitness	{'Value': -0.4362755082383188, 'Fit': 1.5508032475844786}
thresh	{'Value': 9168.388041967748, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 93.37748344370861, 'Fit': 11.875187284818281}
E_rate_fitness	{'Value': 30.297619047619047, 'Fit': 1000}
I_rate_fitness	{'Value': 2.259259259259259, 'Fit': 1000}
maxFitness	1000
average_fitness	667.953946627012
average_scaled_fitness	0.6676213911228398

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

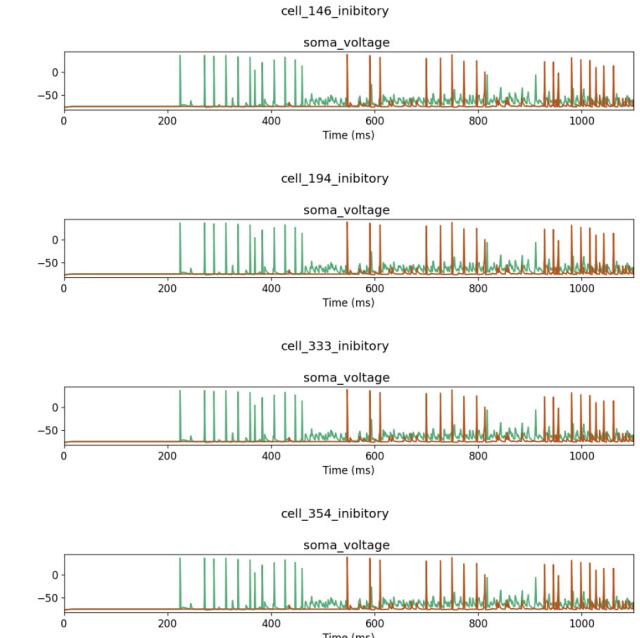
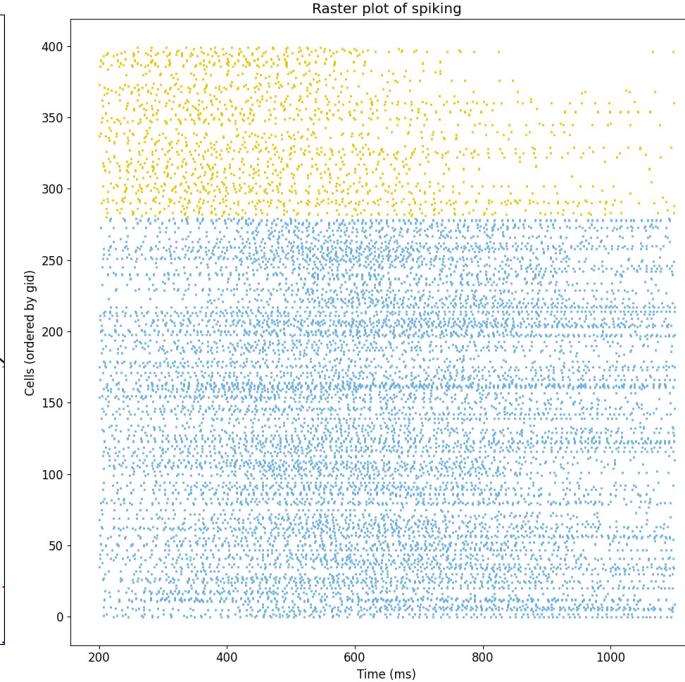
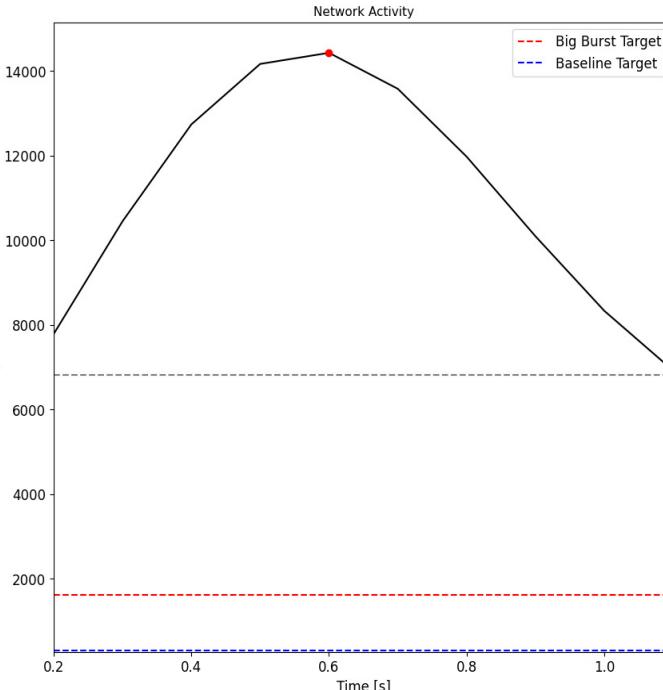
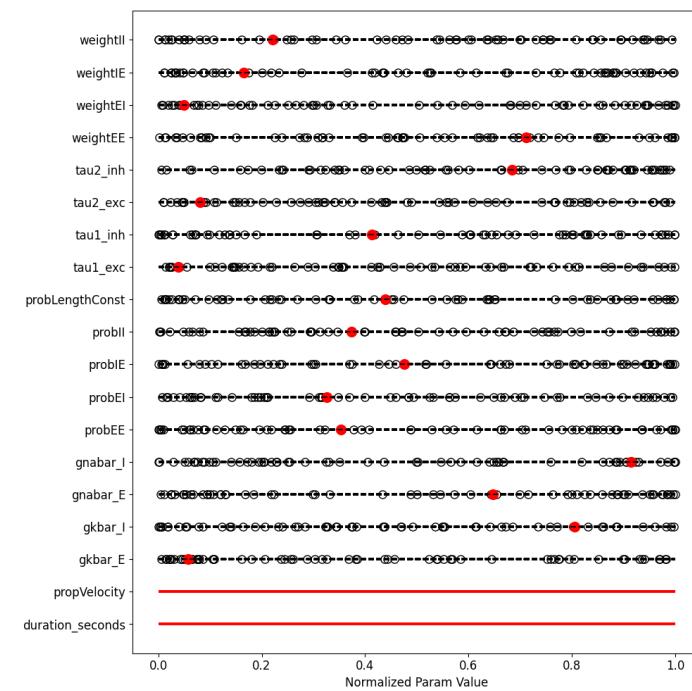
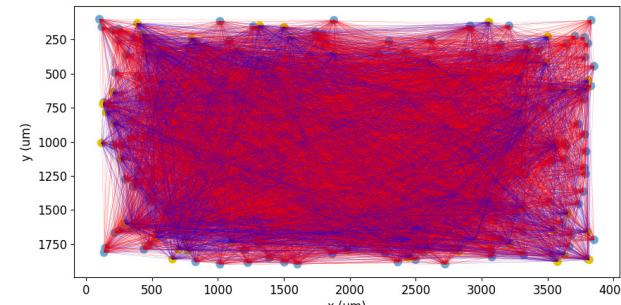


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_37_data.json
SimLabel	gen_1_cand_37
Generation Rank	34/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 14429.882060350594, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.9090909090909091, 'Fit': 2.2094138911407355}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 11046.532074189996, 'Fit': 1000}
slopeFitness	{'Value': -262.02438500757495, 'Fit': 1000}
thresh	{'Value': 6823.514058090465, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 6.622516556291391, 'Fit': 1000}
E_rate_fitness	{'Value': 35.54761904761905, 'Fit': 1000}
I_rate_fitness	{'Value': 16.046296296296294, 'Fit': 1000}
maxFitness	1000
average_fitness	916.8507844909285
average_scaled_fitness	0.9166666666666666

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

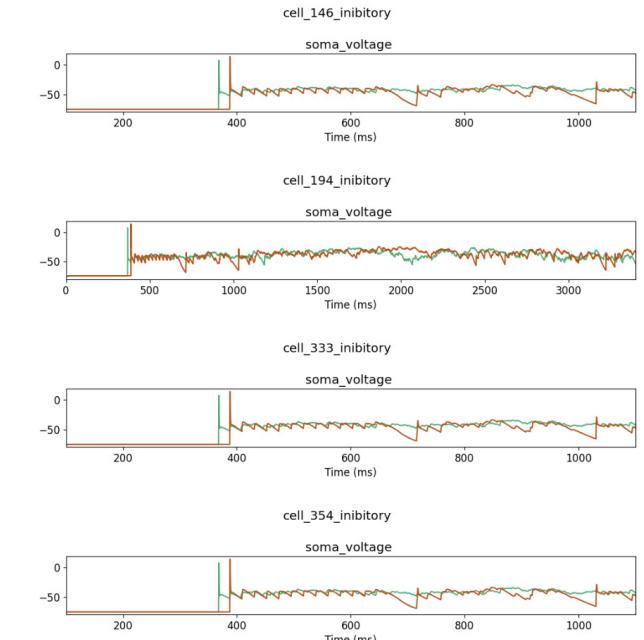
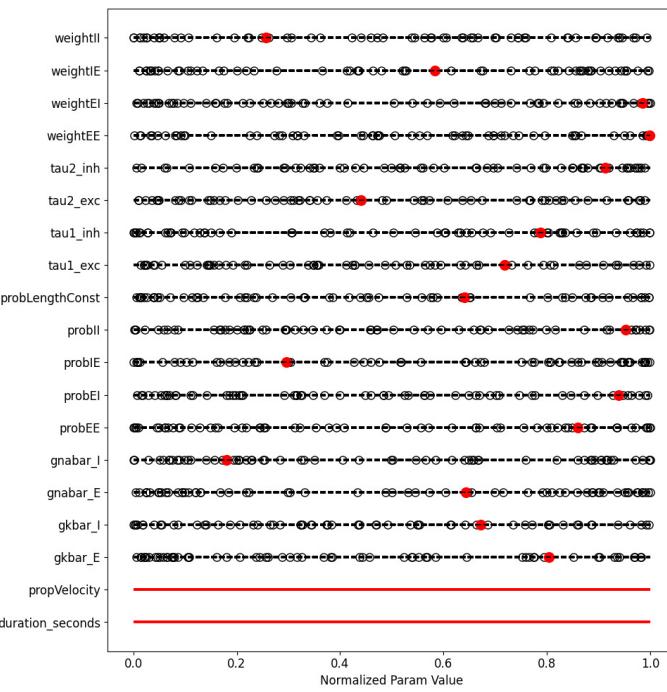
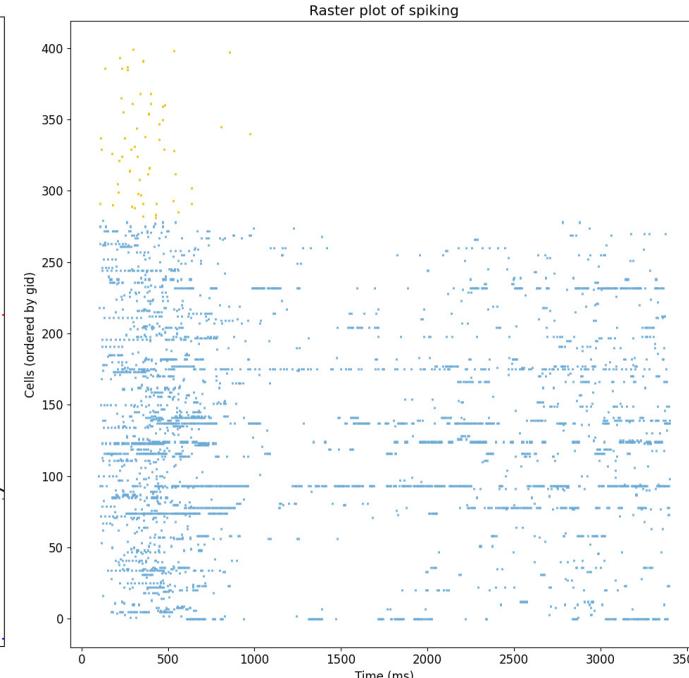
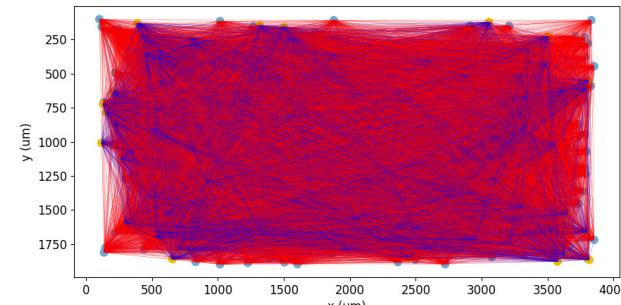


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_40_data.json
SimLabel	gen_1_cand_40
Generation Rank	22/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 2702.420542211206, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 50.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 965.8556914132876, 'Fit': 1.000521328878374}
numSmall_Fitness	{'Value': 1, 'Percent': 50.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.588235294117647, 'Fit': 1.6029916389767365}
IBI_fitness	{'Value': 2.7, 'Fit': 1.0005502868536433}
baseline_fitness	{'Value': 955.6546259677442, 'Fit': 1000}
slopeFitness	{'Value': -32.86999958338593, 'Fit': 1000}
thresh	{'Value': 866.257024806001, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 22.516556291390728, 'Fit': 1000}
E_rate_fitness	{'Value': 6.769841269841269, 'Fit': 362.30072649926626}
I_rate_fitness	{'Value': 0.537037037037037, 'Fit': 1000}
maxFitness	1000
average_fitness	697.1587324794979
average_scaled_fitness	0.6968554298713506

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

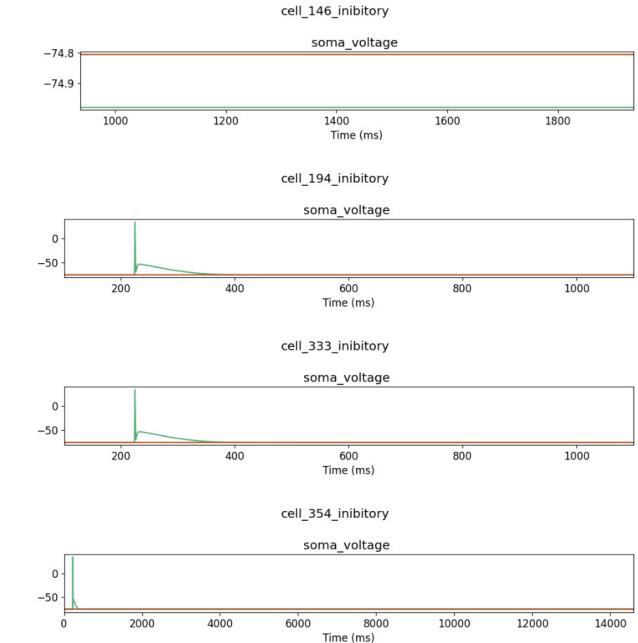
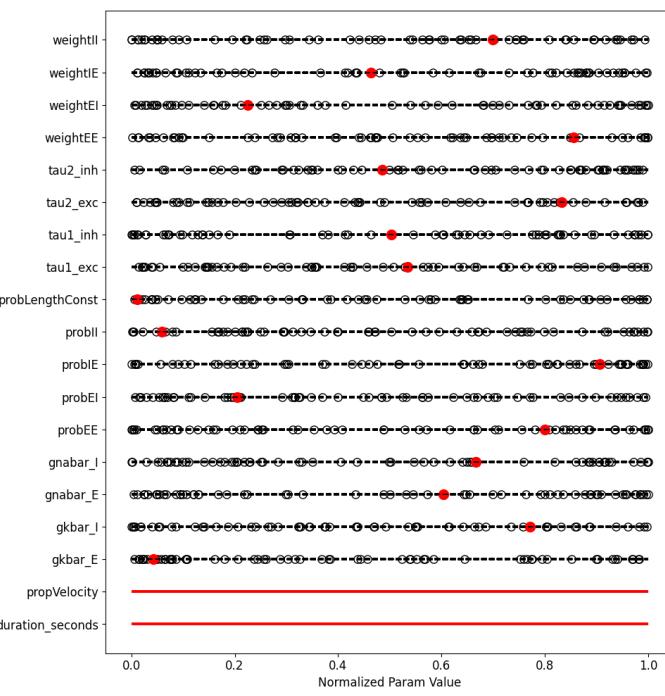
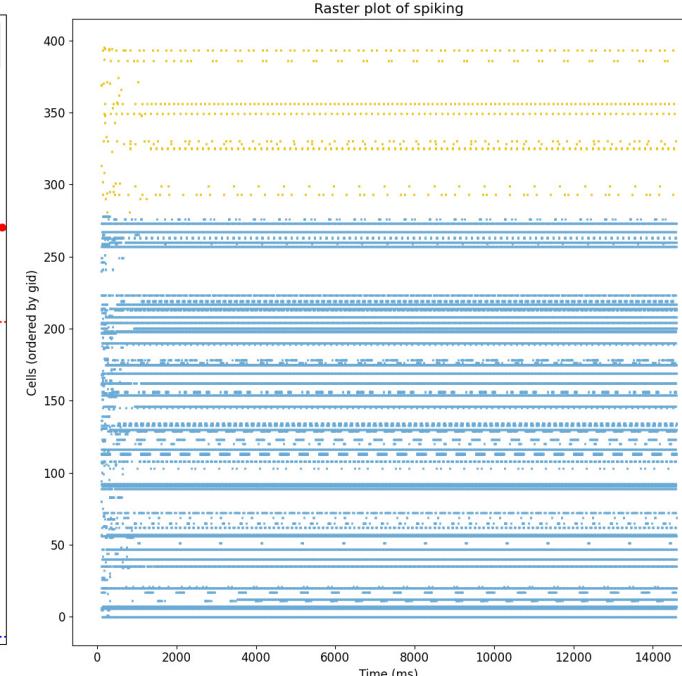
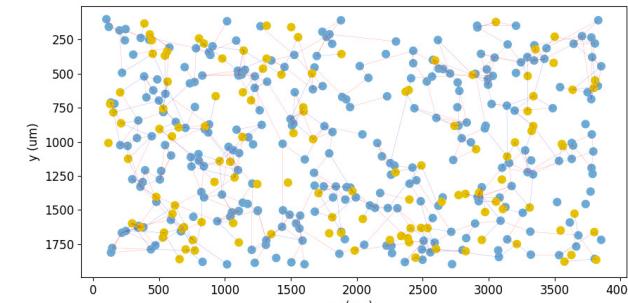


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_43_data.json
SimLabel	gen_1_cand_43
Generation Rank	29/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 2.6321000001}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 2068.0375604266046, 'Fit': 1000.0}
numBig_Fitness	{'Value': 19, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 1.3013698630136985, 'Fit': 1000}
IBI_fitness	{'Value': 0.7944444444444445, 'Fit': 1.0007225352259577}
baseline_fitness	{'Value': 2012.9246167503943, 'Fit': 1000}
slopeFitness	{'Value': -0.4539095369579997, 'Fit': 1.5783926982450565}
thresh	{'Value': 2004.7326220169318, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 96.68874172185431, 'Fit': 325.612947795735}
E_rate_fitness	{'Value': 7.892857142857142, 'Fit': 1000}
I_rate_fitness	{'Value': 0.6018518518518517, 'Fit': 1000}
maxFitness	1000
average_fitness	777.349338585767
average_scaled_fitness	0.7771263038555262

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

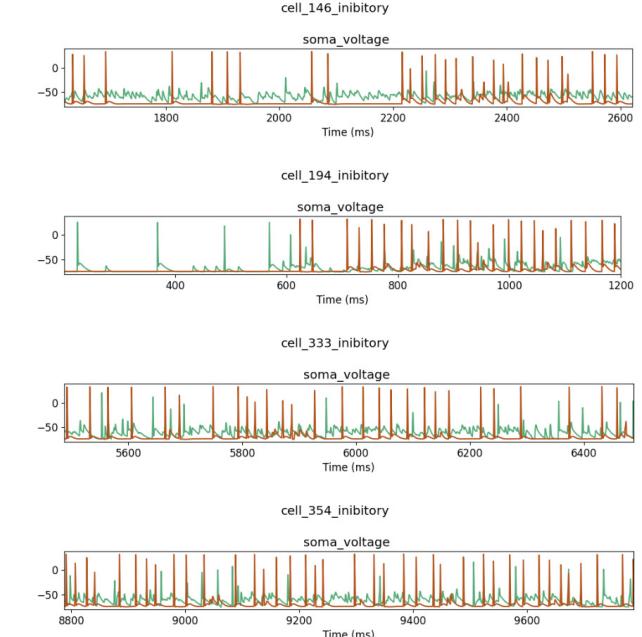
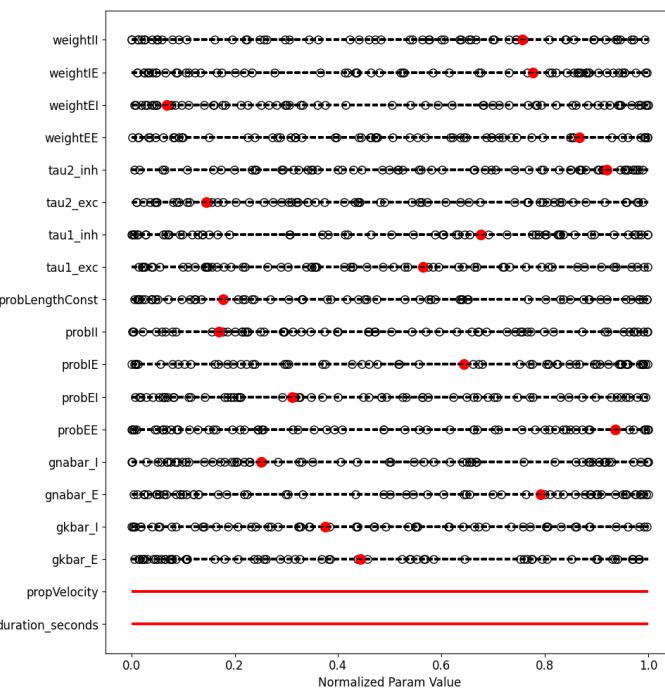
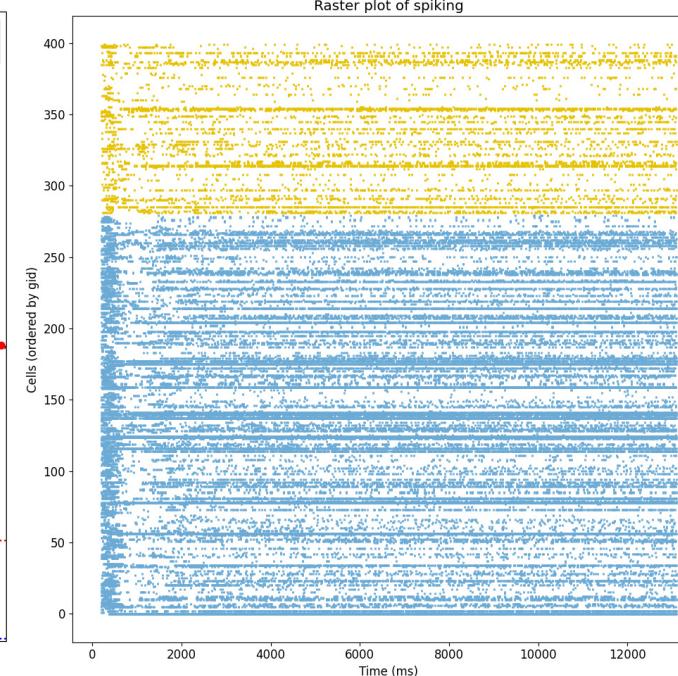
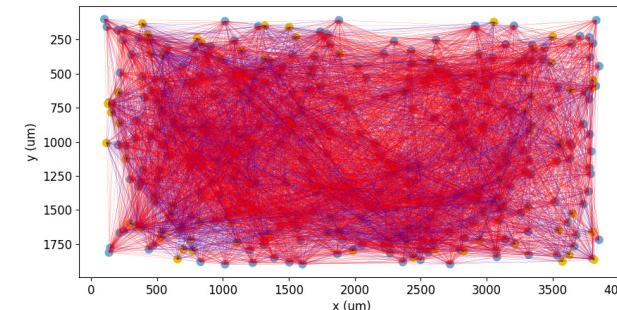


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_44_data.json
SimLabel	gen_1_cand_44
Generation Rank	7/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 4762.014405617387, 'Fit': 1000.0}
numBig_Fitness	{'Value': 8, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6106870229007633, 'Fit': 1.6393886312927863}
IBI_fitness	{'Value': 1.8000000000000003, 'Fit': 1.00006316406696594}
baseline_fitness	{'Value': 4205.381162366242, 'Fit': 1000}
slopeFitness	{'Value': -3.241020942852223, 'Fit': 25.62371924588986}
thresh	{'Value': 4207.578307048199, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 86.09271523178808, 'Fit': 122.77054075127252}
E_rate_fitness	{'Value': 19.178571428571427, 'Fit': 1000}
I_rate_fitness	{'Value': 4.62037037037037, 'Fit': 1.0942779571761392}
maxFitness	1000
average_fitness	596.0107131855251
average_scaled_fitness	0.5956060638176861

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

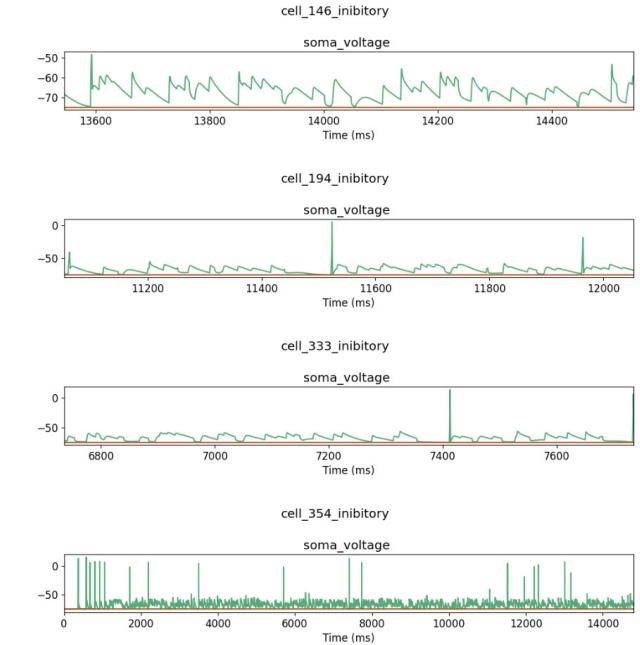
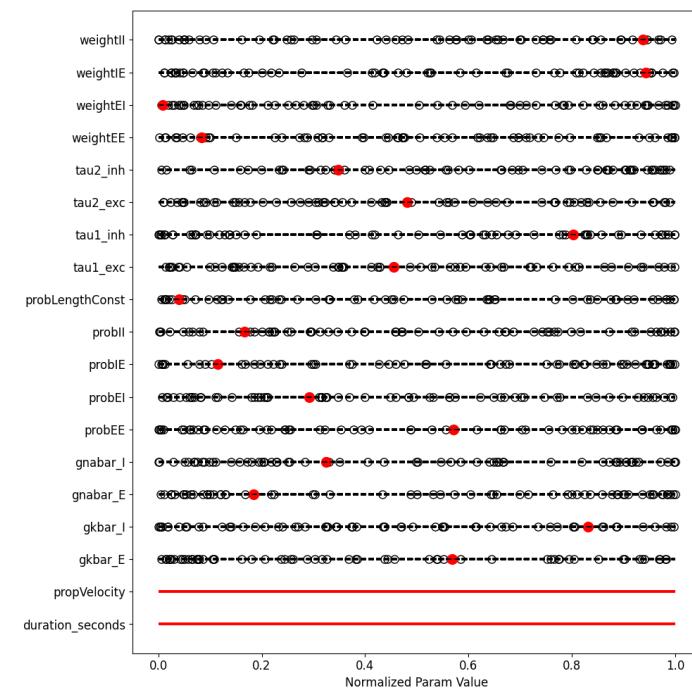
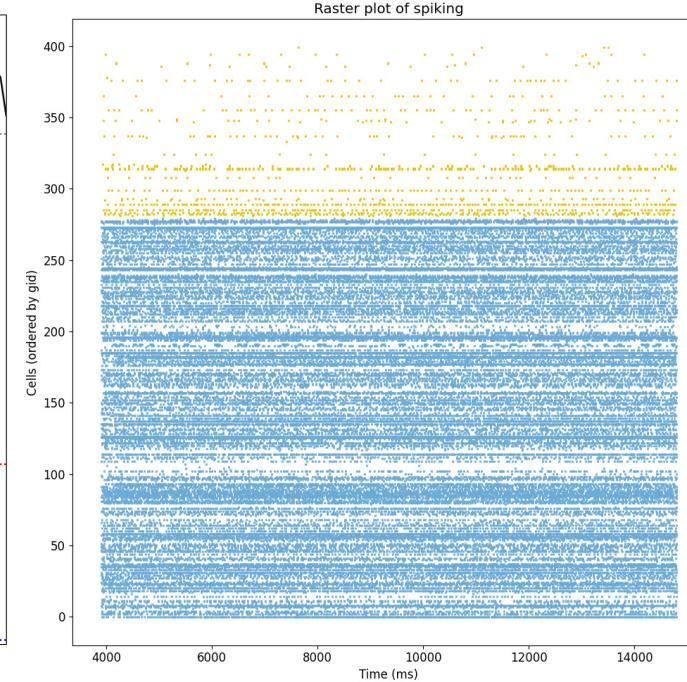
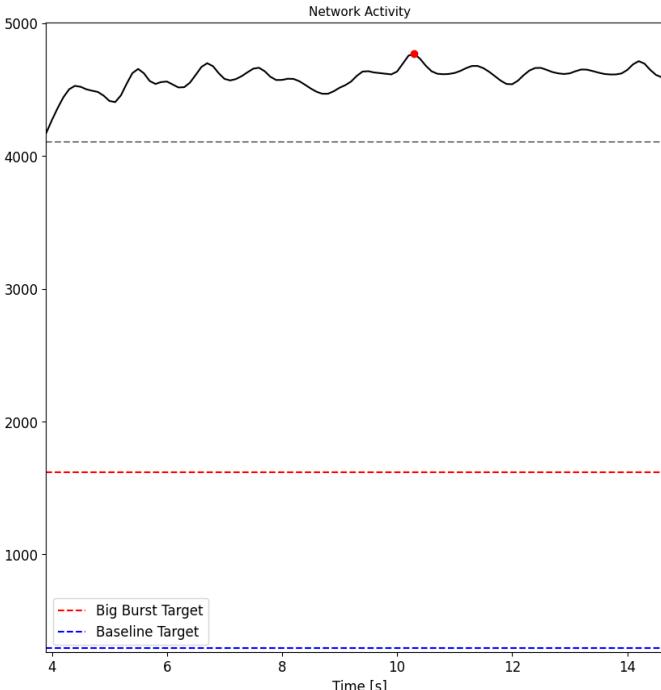
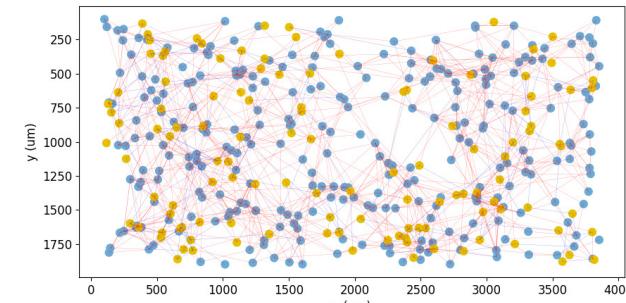


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_45_data.json
SimLabel	gen_1_cand_45
Generation Rank	27/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 4767.19230646697, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.06756756756756756, 'Fit': 1.0500061998762726}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 4583.6177779714135, 'Fit': 1000}
slopeFitness	{'Value': 1.4110629134627939, 'Fit': 4.090083562412564}
thresh	{'Value': 4106.976237813563, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 72.84768211920529, 'Fit': 1000}
E_rate_fitness	{'Value': 1.2261904761904763, 'Fit': 1.4173994360116313}
I_rate_fitness	{'Value': 0.1111111111111111, 'Fit': 1000}
maxFitness	1000
average_fitness	750.5464574331918
average_scaled_fitness	0.7502842543520546

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

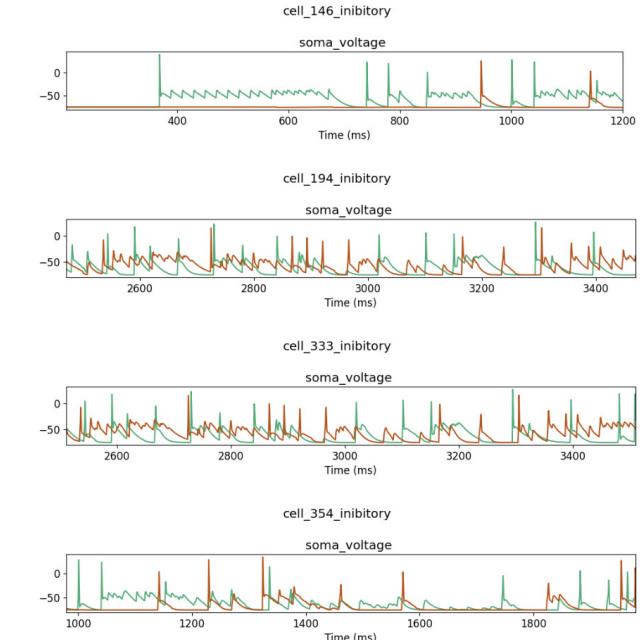
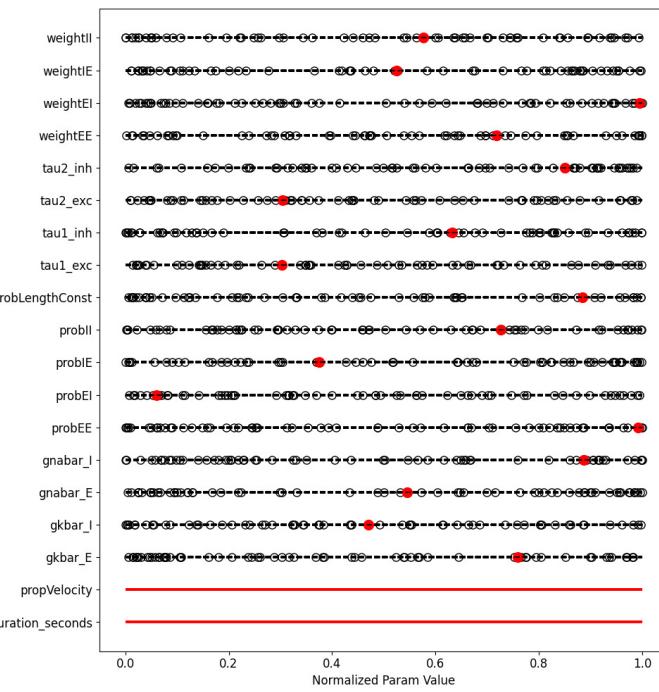
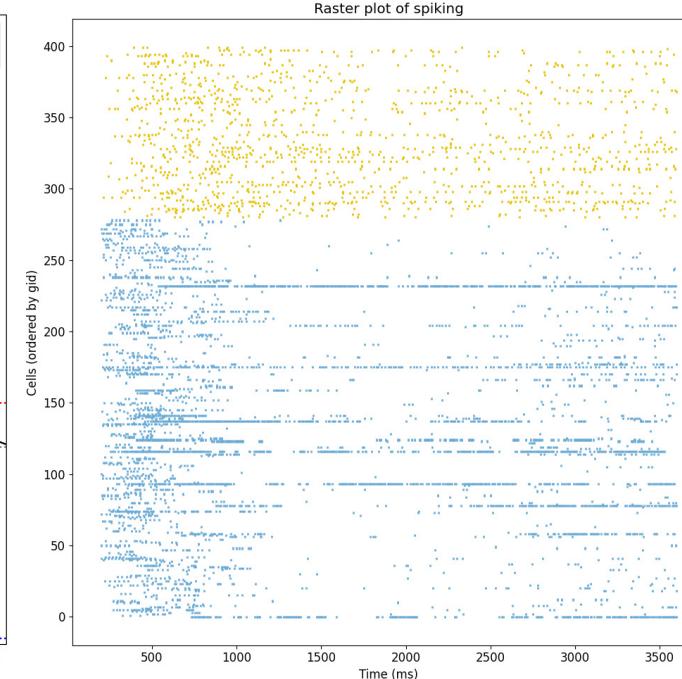
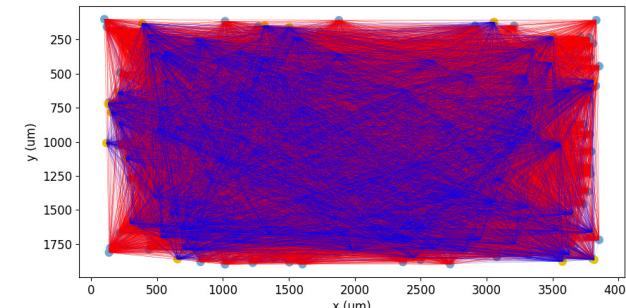


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_46_data.json
SimLabel	gen_1_cand_46
Generation Rank	23/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 2536.2350206617984, 'Fit': 500.50022969944007}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5555555555555556, 'Fit': 1.5514530124256714}
IBI_fitness	{'Value': 2.8000000000000003, 'Fit': 1.0005412484998253}
baseline_fitness	{'Value': 1568.7528306731672, 'Fit': 1000}
slopeFitness	{'Value': -47.938250645243606, 'Fit': 1000}
thresh	{'Value': 1371.17574163524243, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 23.178807947019866, 'Fit': 1000}
E_rate_fitness	{'Value': 8.686507936507937, 'Fit': 1000}
I_rate_fitness	{'Value': 4.046296296296296, 'Fit': 1.9428749712119922}
maxFitness	1000
average_fitness	708.7495915776313
average_scaled_fitness	0.7084578916725753

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

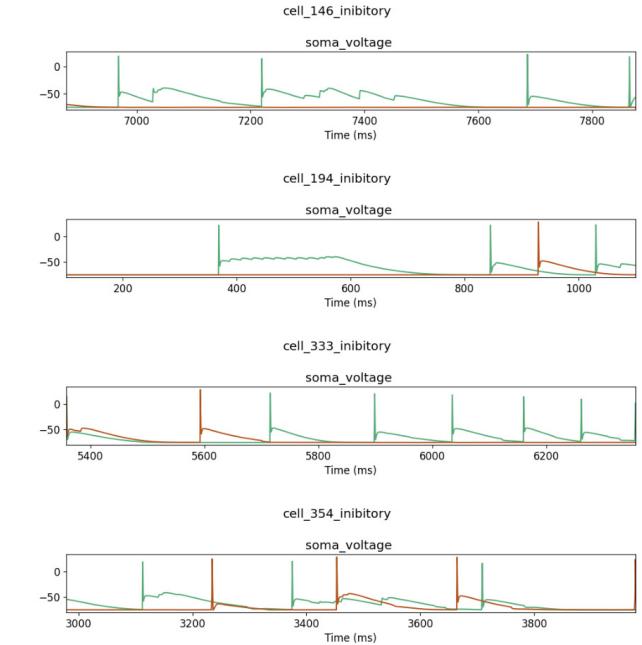
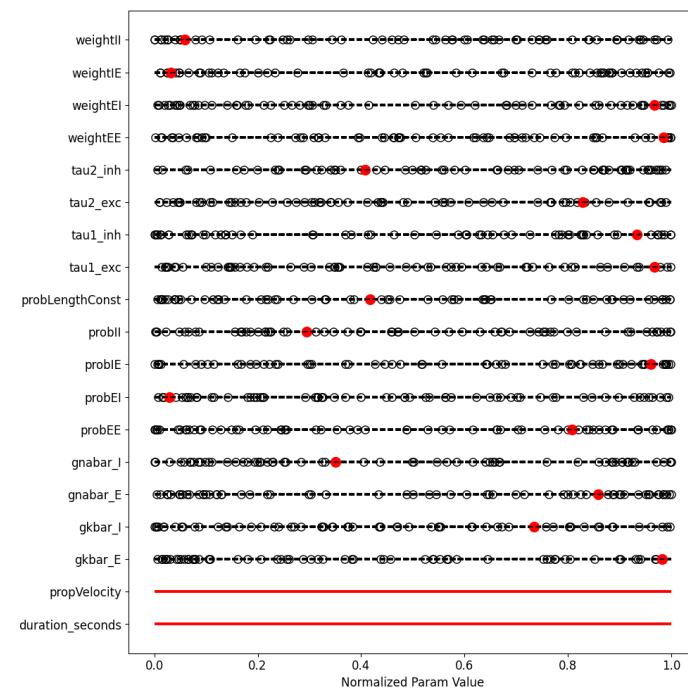
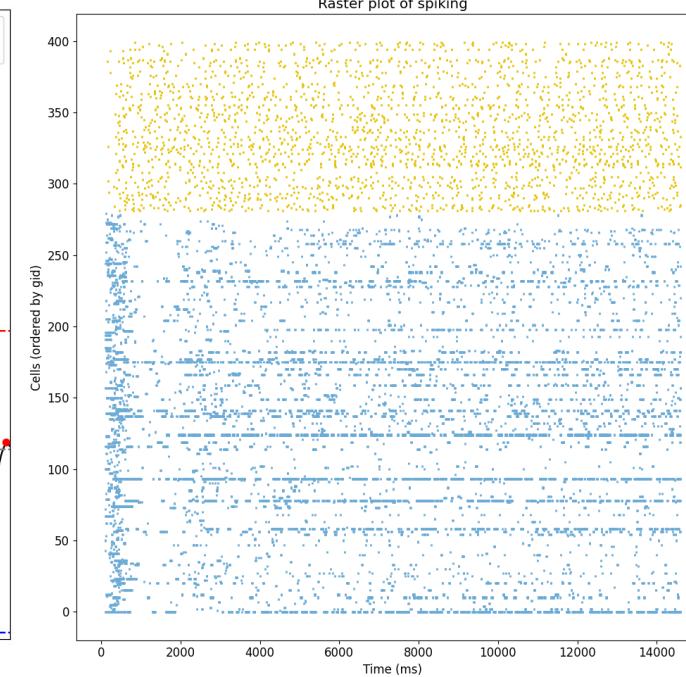
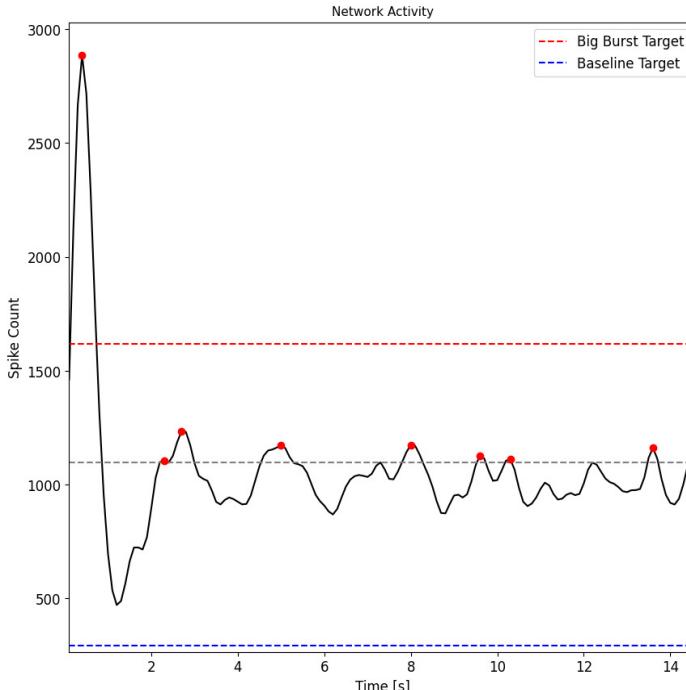
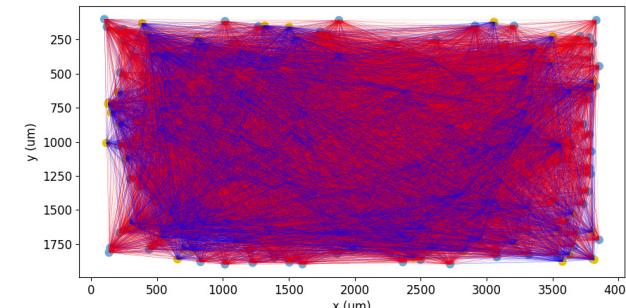


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_47_data.json
SimLabel	gen_1_cand_47
Generation Rank	1/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 2.6321000001}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 2885.950909034343, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 11.11111111111111, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 1152.3535087445096, 'Fit': 1.0006940151405774}
numSmall_Fitness	{'Value': 8, 'Percent': 88.88888888888889, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6164383561643835, 'Fit': 1.6488444674275227}
IBI_fitness	{'Value': 1.7625, 'Fit': 1.0006350294532}
baseline_fitness	{'Value': 1059.6053756138397, 'Fit': 1000}
slopeFitness	{'Value': -1.744238804451069, 'Fit': 5.735852092624147}
thresh	{'Value': 1099.2091456685541, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 96.68874172185431, 'Fit': 325.612947795735}
E_rate_fitness	{'Value': 7.067460317460317, 'Fit': 487.8917955125907}
I_rate_fitness	{'Value': 1.0555555555555556, 'Fit': 1000}
maxFitness	1000
average_fitness	568.5742307427475
average_scaled_fitness	0.5681420985988594

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

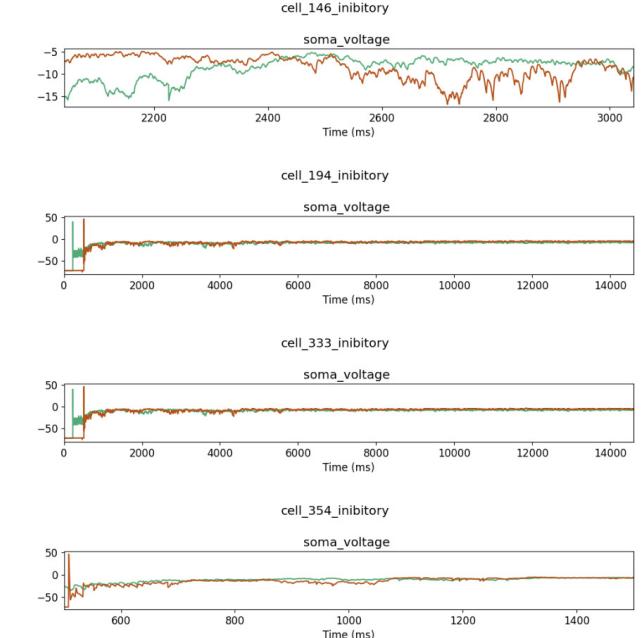
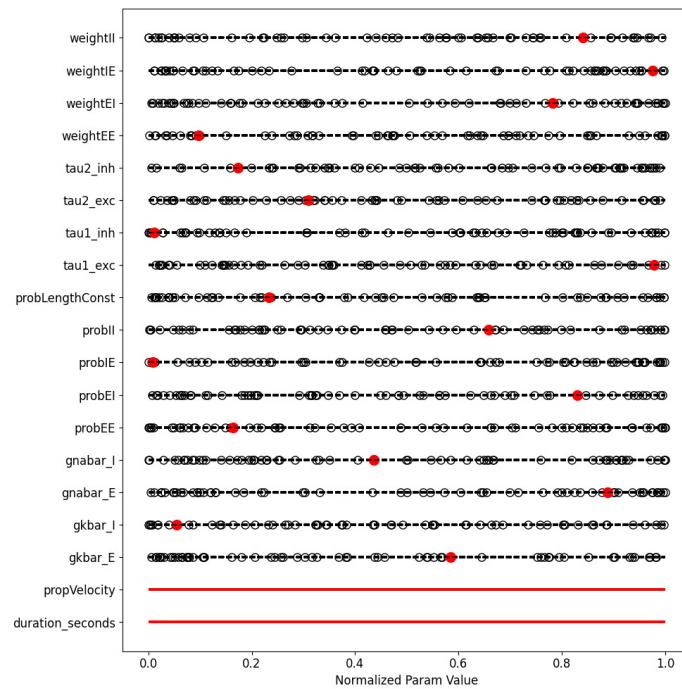
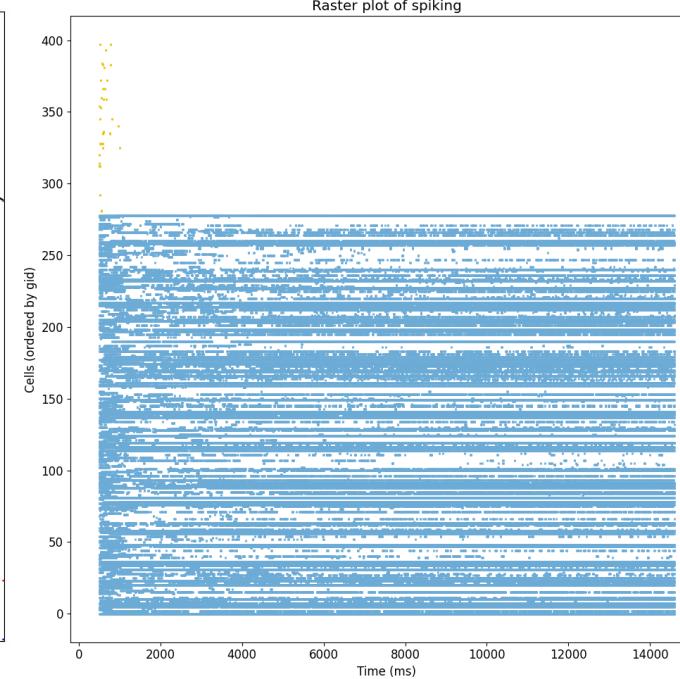
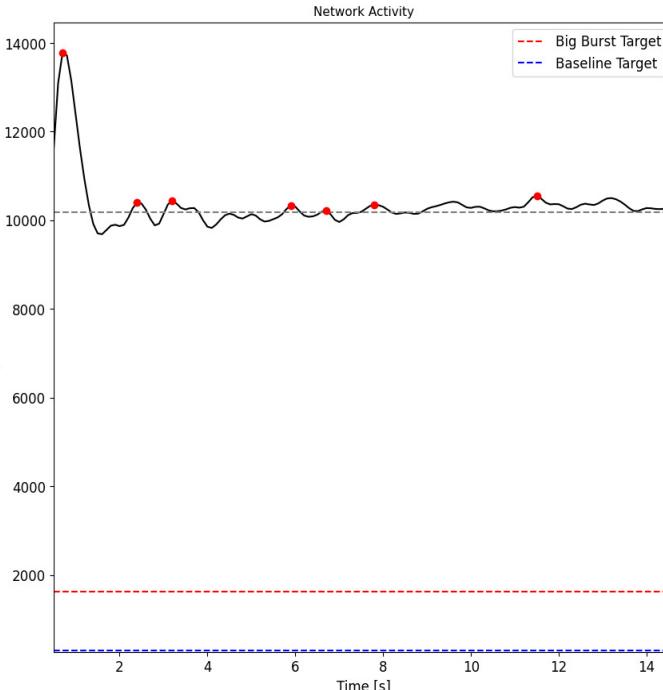
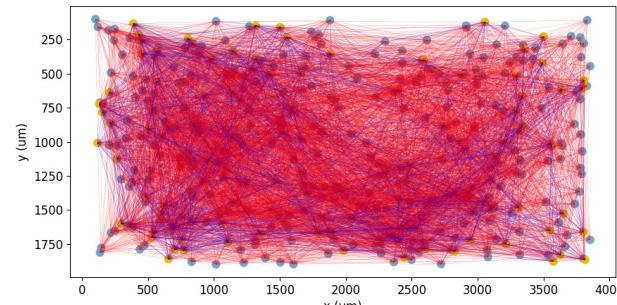


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_49_data.json
SimLabel	gen_1_cand_49
Generation Rank	19/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 10866.854277223172, 'Fit': 1000.0}
numBig_Fitness	{'Value': 7, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.4794520547945205, 'Fit': 1.4377629783678205}
IBI_fitness	{'Value': 1.8, 'Fit': 1.0006316404208626}
baseline_fitness	{'Value': 10338.112422502963, 'Fit': 1000}
slopeFitness	{'Value': -2.974842956770155, 'Fit': 19.63552586079777}
thresh	{'Value': 10189.070919491243, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.03973509933775, 'Fit': 23.027813703428244}
E_rate_fitness	{'Value': 38.16269841269841, 'Fit': 1000}
I_rate_fitness	{'Value': 1.6296296296296295, 'Fit': 1000}
maxFitness	1000
average_fitness	670.4251445152512
average_scaled_fitness	0.6700950311651029

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

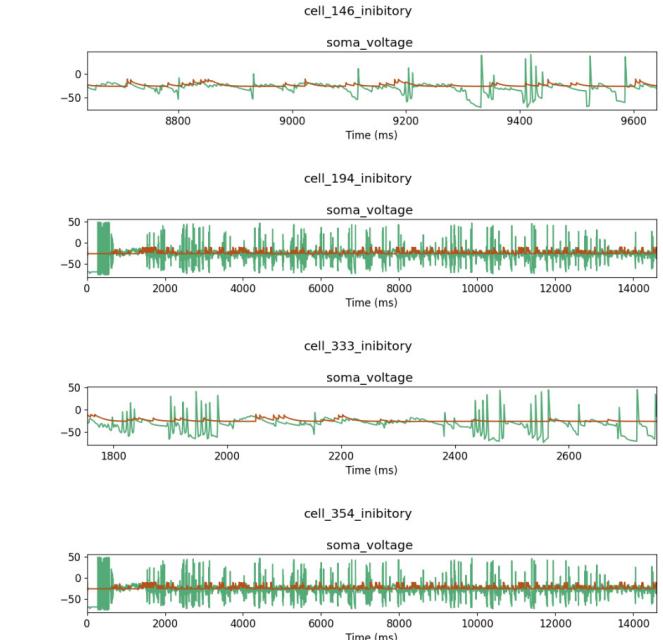
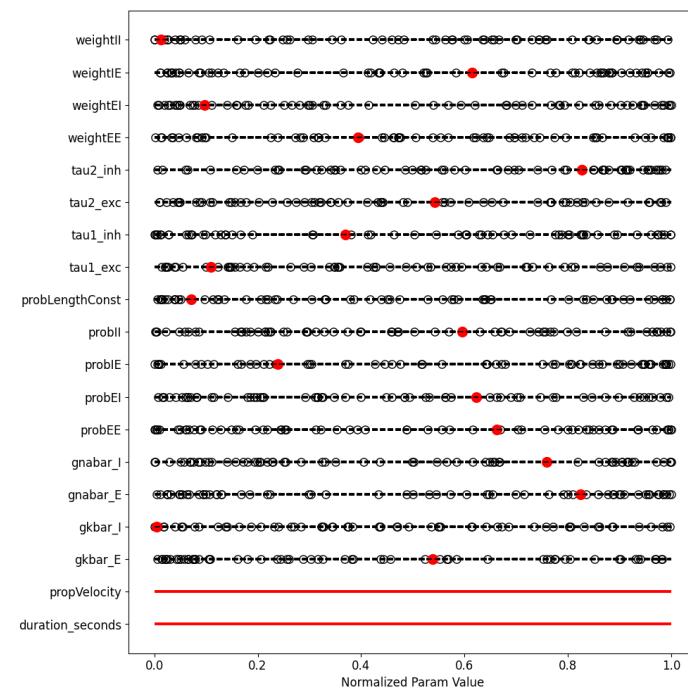
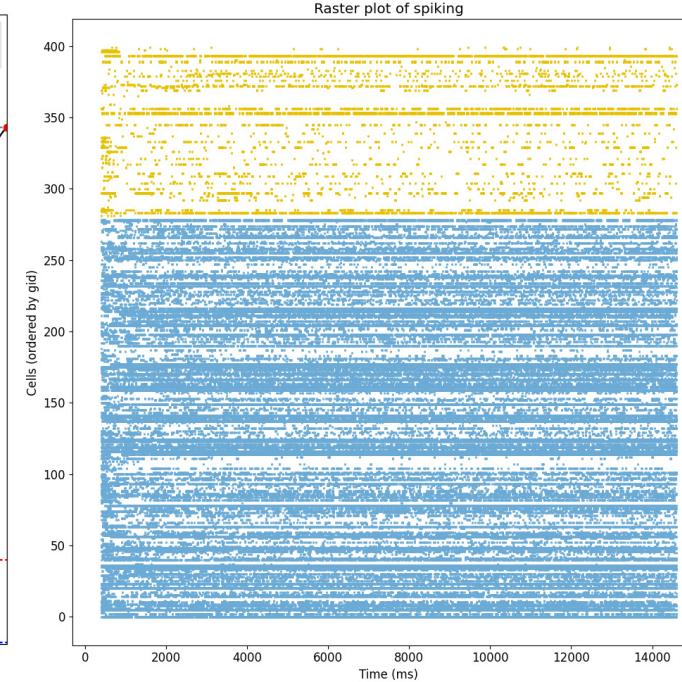
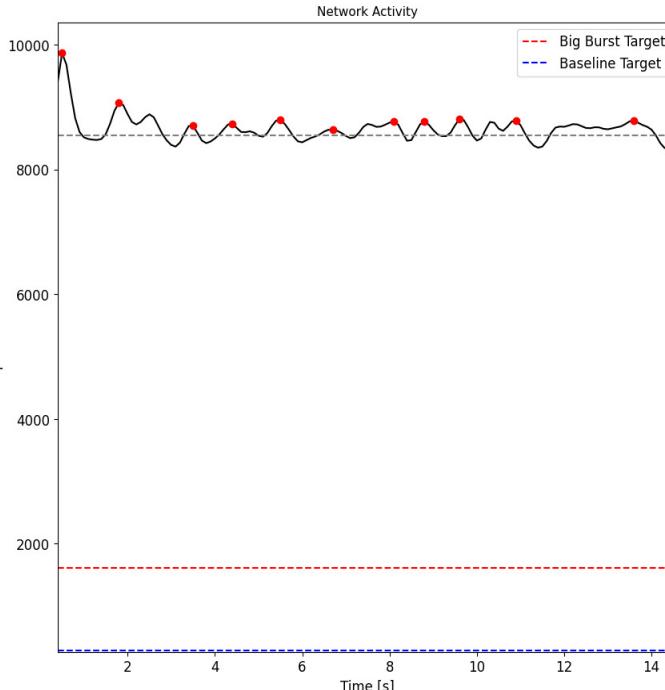
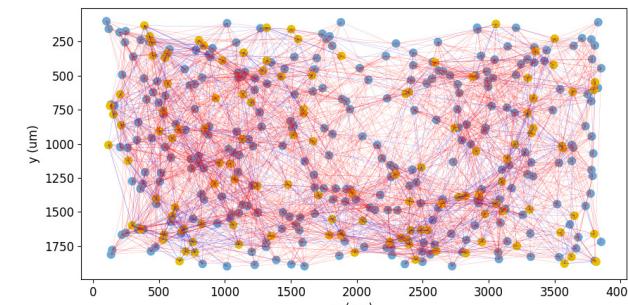


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_50_data.json
SimLabel	gen_1_cand_50
Generation Rank	4/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 8855.32259743349, 'Fit': 1000.0}
numBig_Fitness	{'Value': 12, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.82191780219178, 'Fit': 2.024968554620658}
IBI_fitness	{'Value': 1.281818181818182, 'Fit': 1.0006784770610986}
baseline_fitness	{'Value': 8654.22211871824, 'Fit': 1000}
slopeFitness	{'Value': -1.2535908023208564, 'Fit': 3.5116580857155806}
thresh	{'Value': 8548.932283741315, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.70198675496688, 'Fit': 44.654470808871295}
E_rate_fitness	{'Value': 28.299682539682538, 'Fit': 1000}
I_rate_fitness	{'Value': 7.138888888888888, 'Fit': 11.340992001827157}
maxFitness	1000
average_fitness	588.5443973273414
average_scaled_fitness	0.5881322501346555

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

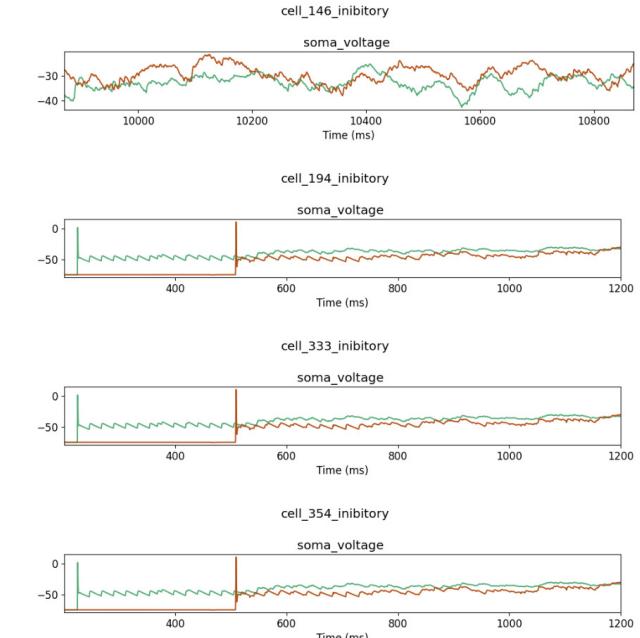
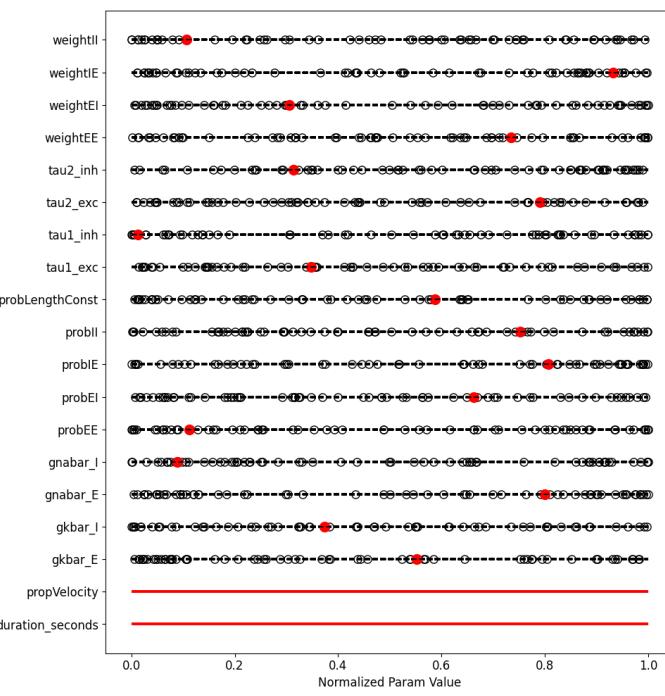
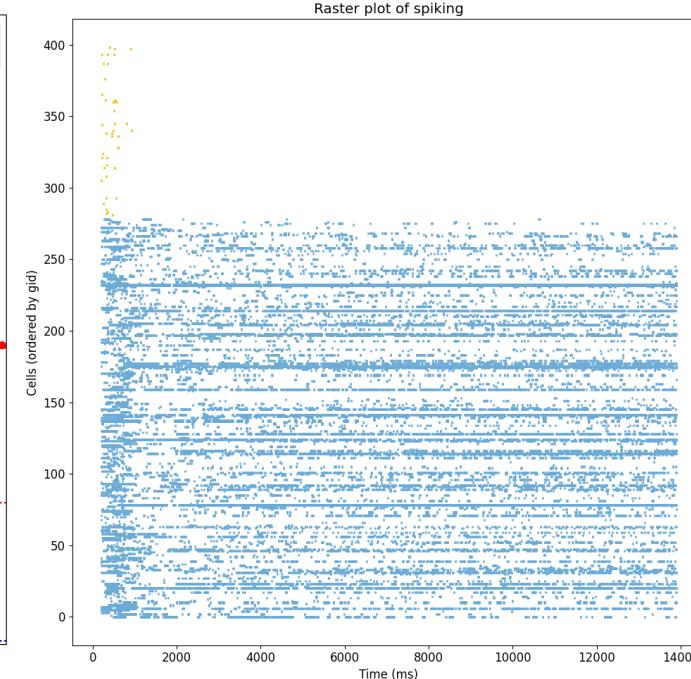
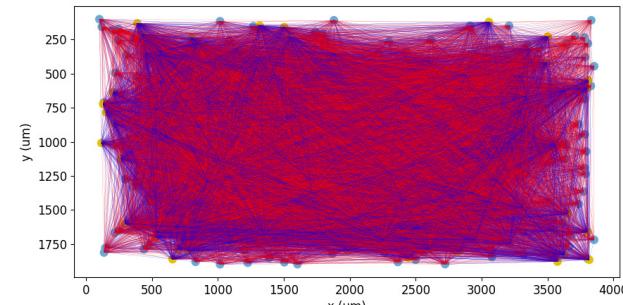


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_52_data.json
SimLabel	gen_1_cand_52
Generation Rank	20/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 3616.4102861001347, 'Fit': 1000.0}
numBig_Fitness	{'Value': 7, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5035971223021583, 'Fit': 1.4729003526493627}
IBI_fitness	{'Value': 2.2, 'Fit': 1.000595482351403}
baseline_fitness	{'Value': 3083.340230672411, 'Fit': 1000}
slopeFitness	{'Value': -4.010700987540092, 'Fit': 55.32354023107293}
thresh	{'Value': 3095.8144463924355, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 91.3907284768212, 'Fit': 1.6285599437908804}
E_rate_fitness	{'Value': 17.78968253968254, 'Fit': 1000}
I_rate_fitness	{'Value': 0.4444444444444445, 'Fit': 1000}
maxFitness	1000
average_fitness	671.6187996674887
average_scaled_fitness	0.671289893820242

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

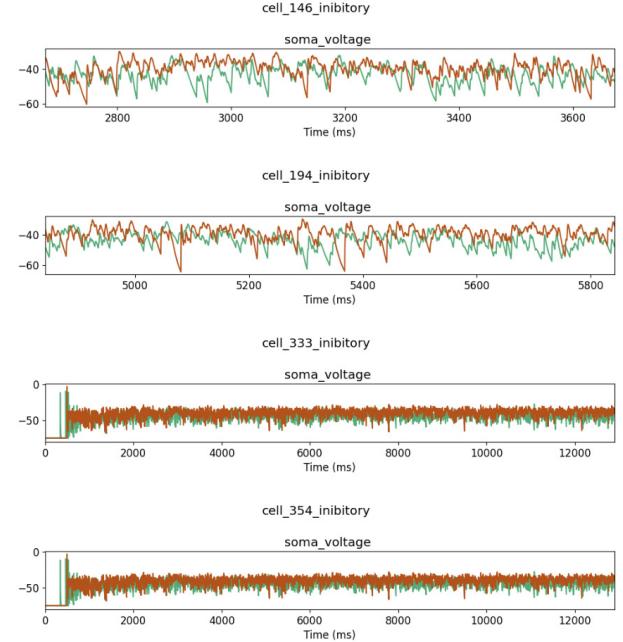
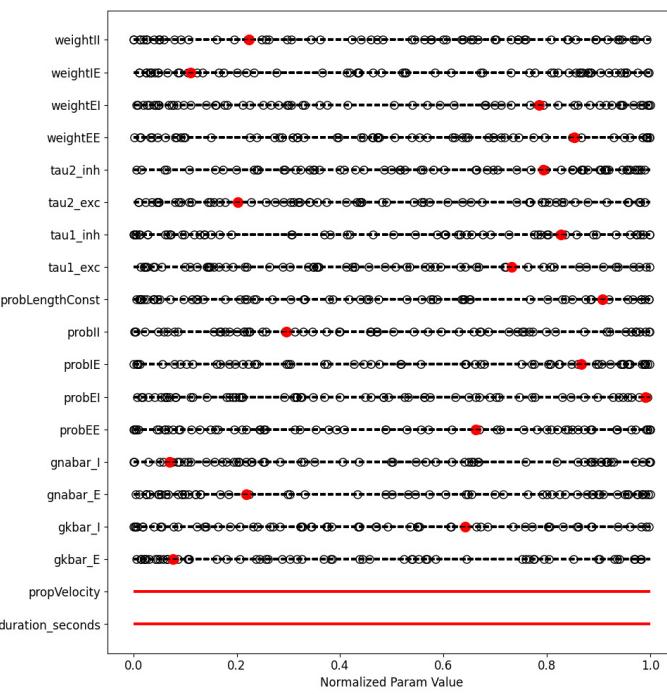
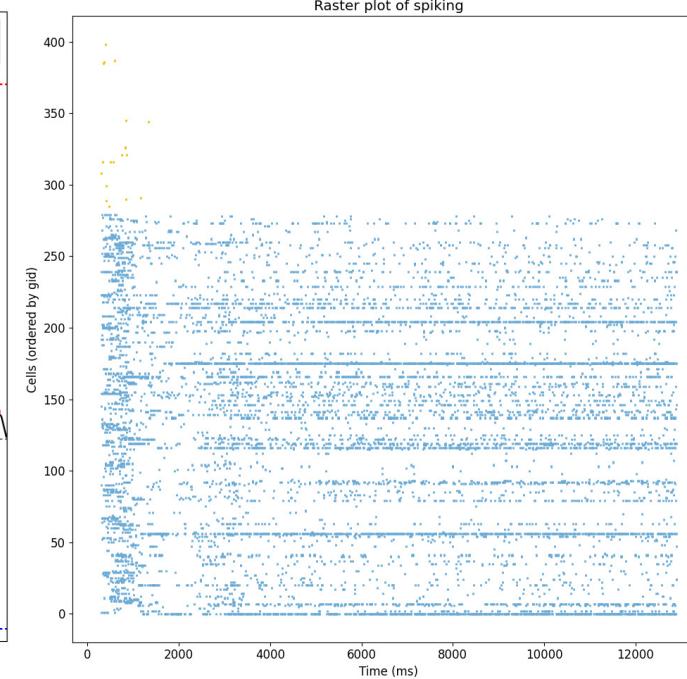
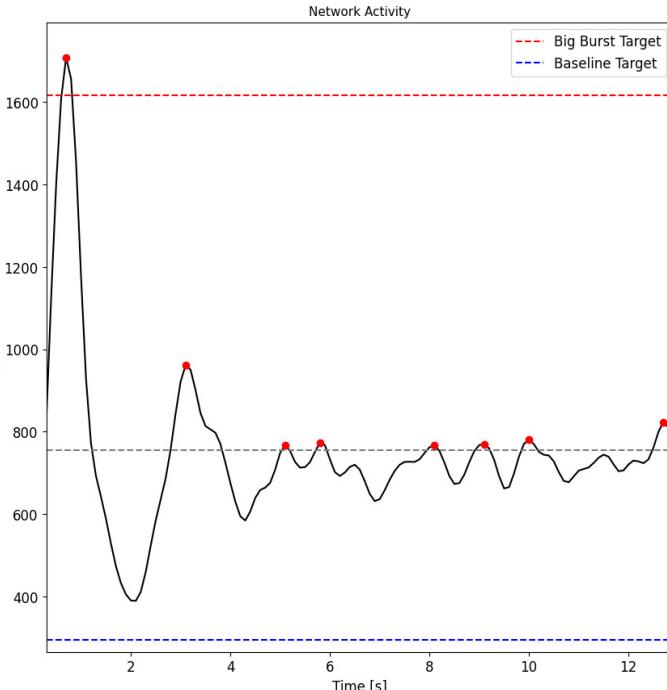
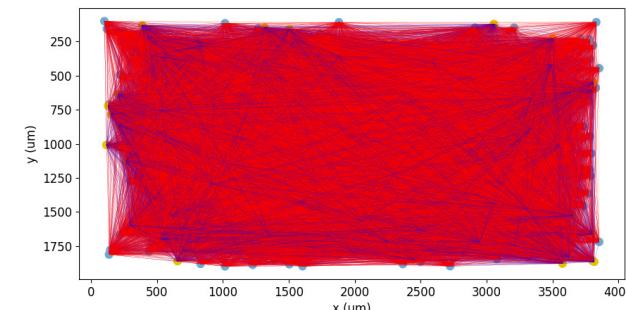


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_56_data.json
SimLabel	gen_1_cand_56
Generation Rank	0/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 1708.307940815882, 'Fit': 1.000260997171618}
numBig_Fitness	{'Value': 1, 'Percent': 12.5, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 806.3301012964358, 'Fit': 1.0003736434465722}
numSmall_Fitness	{'Value': 7, 'Percent': 87.5, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6201550387596899, 'Fit': 1.6549841014297946}
IBI_fitness	{'Value': 1.7142857142857142, 'Fit': 1.000639385940521}
baseline_fitness	{'Value': 748.2111282449413, 'Fit': 1000}
slopeFitness	{'Value': -1.1318084400864525, 'Fit': 3.109014990760232}
thresh	{'Value': 756.2144680621857, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 84.10596026490066, 'Fit': 895.2222913490648}
E_rate_fitness	{'Value': 4.599206349206349, 'Fit': 41.34037736369005}
I_rate_fitness	{'Value': 0.1574074074074074, 'Fit': 1000}
maxFitness	1000
average_fitness	495.36066181929203
average_scaled_fitness	0.49485538536333973

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

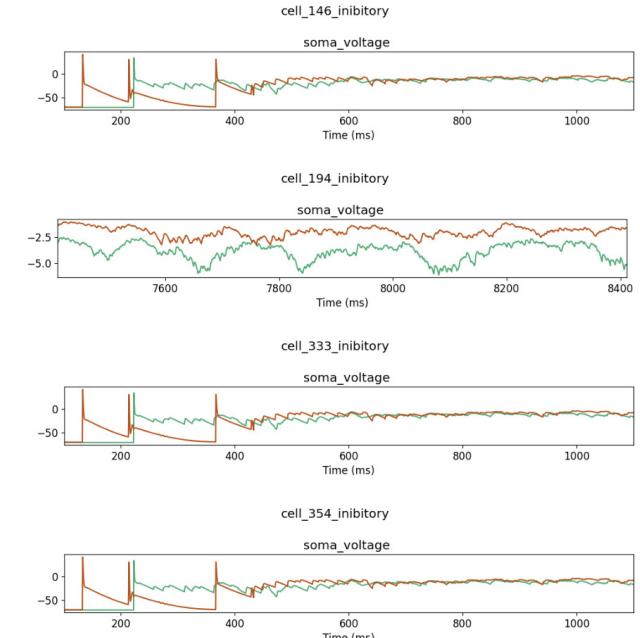
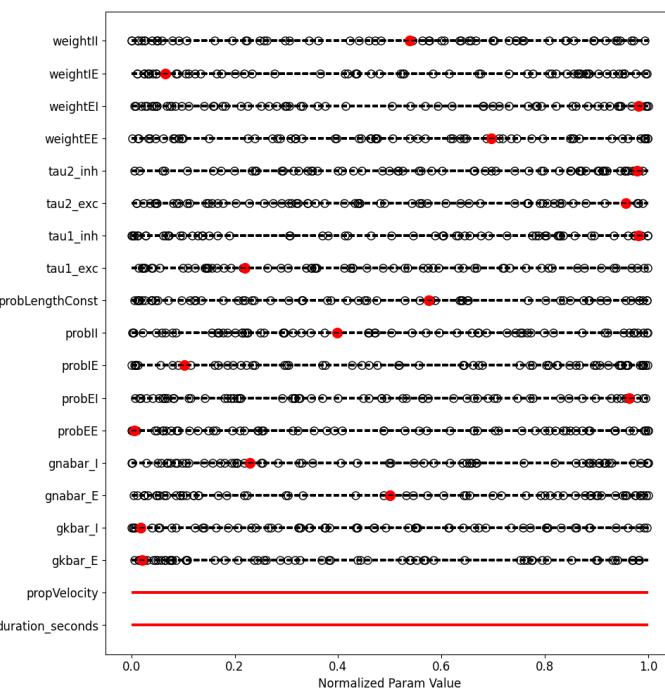
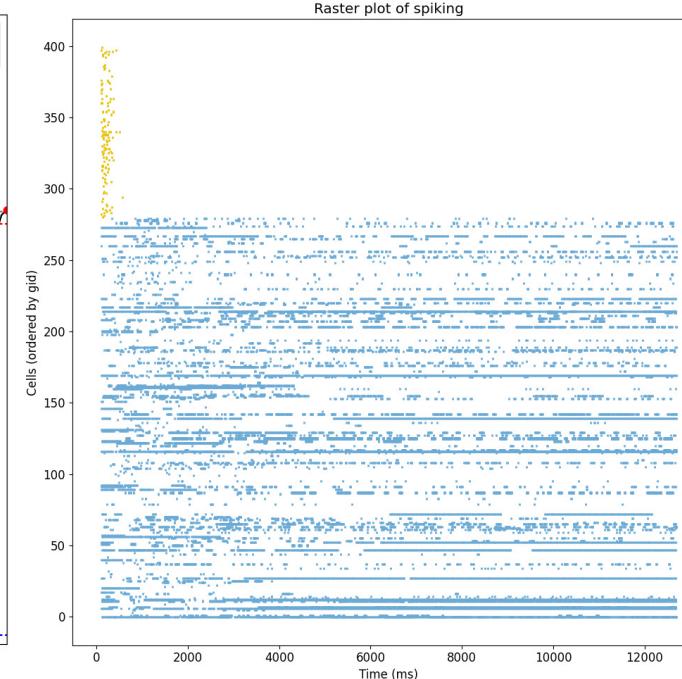
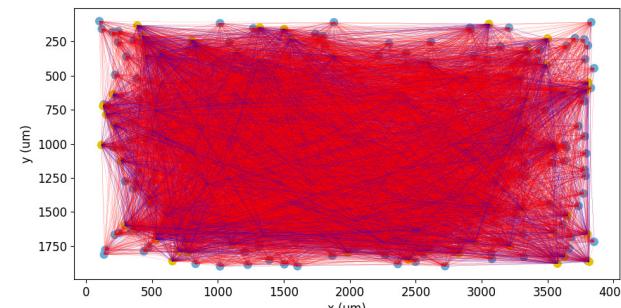


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_57_data.json
SimLabel	gen_1_cand_57
Generation Rank	8/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.7104651163, 'min': 2.6321000001}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 1807.9289293274223, 'Fit': 167.50027615773428}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.4724409448818897, 'Fit': 1.427717918754283}
IBI_fitness	{'Value': 2.16, 'Fit': 1.0005990985204285}
baseline_fitness	{'Value': 1675.3198635932747, 'Fit': 1000}
slopeFitness	{'Value': -3.796710562364678, 'Fit': 44.66579852443252}
thresh	{'Value': 1657.7358213884115, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 84.10596026490066, 'Fit': 895.2222913490648}
E_rate_fitness	{'Value': 6.4682539682539675, 'Fit': 267.9732873709194}
I_rate_fitness	{'Value': 1.2407407407407407, 'Fit': 1000}
maxFitness	1000
average_fitness	614.8158308682855
average_scaled_fitness	0.6144300299037907

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

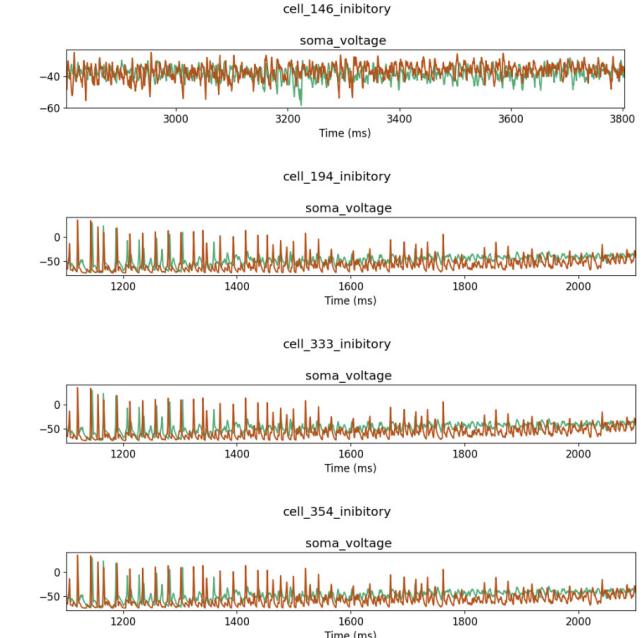
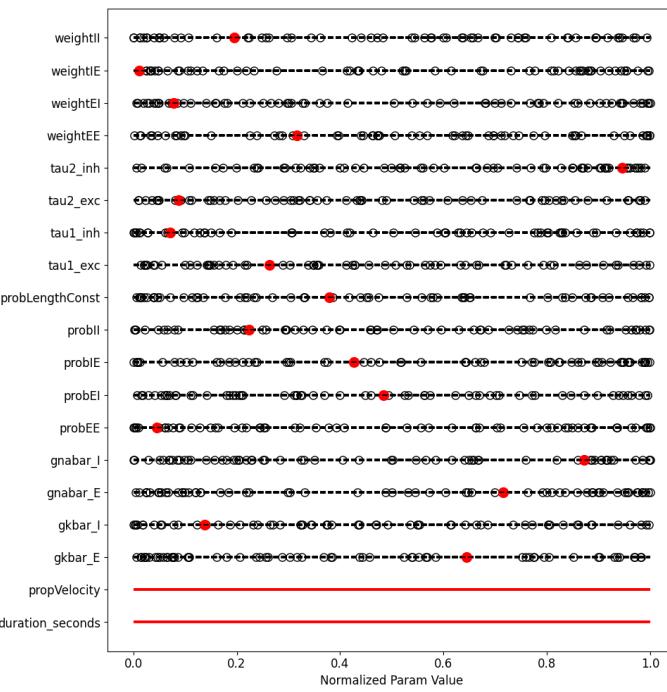
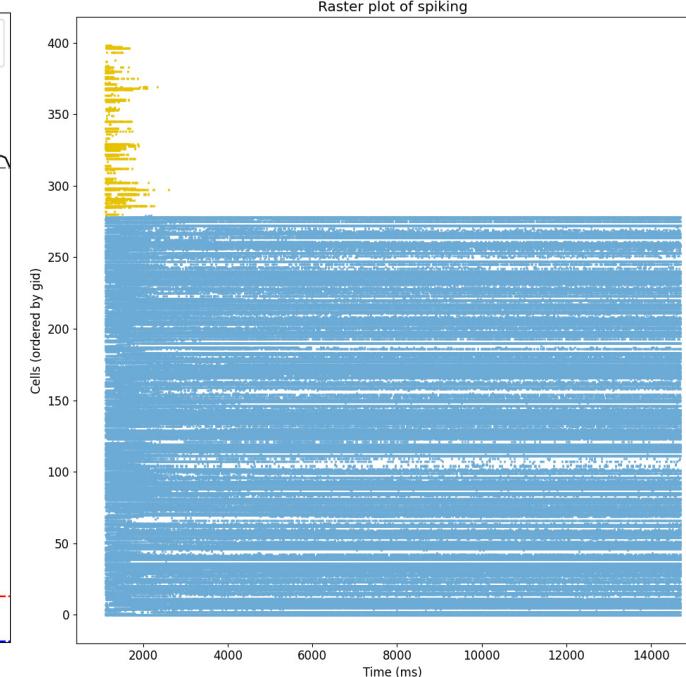
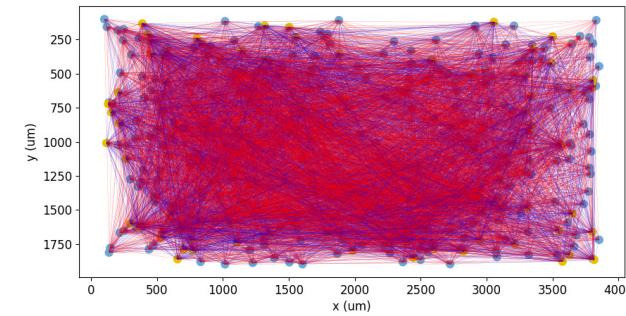


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_58_data.json
SimLabel	gen_1_cand_58
Generation Rank	24/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 16286.694698590796, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.13605442176870747, 'Fit': 1.0198859276502217}
IBI_fitness	{'Value': 3.6, 'Fit': 1.0004689446085069}
baseline_fitness	{'Value': 14697.910147854558, 'Fit': 1000}
slopeFitness	{'Value': -6.70319872809613, 'Fit': 817.0466895712764}
thresh	{'Value': 14241.374804616189, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 90.72847682119205, 'Fit': 1.1907168269628419}
E_rate_fitness	{'Value': 14.079365079365079, 'Fit': 1000}
I_rate_fitness	{'Value': 23.13888888888889, 'Fit': 1000}
maxFitness	1000
average_fitness	735.0214801058747
average_scaled_fitness	0.7347561118330166

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

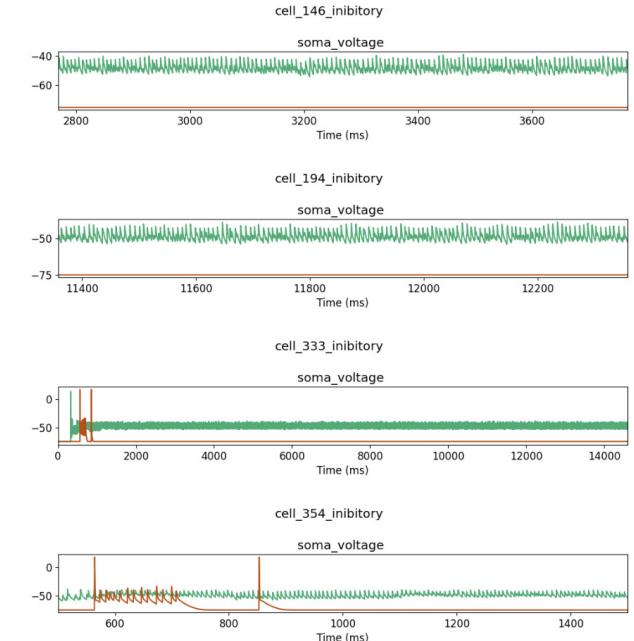
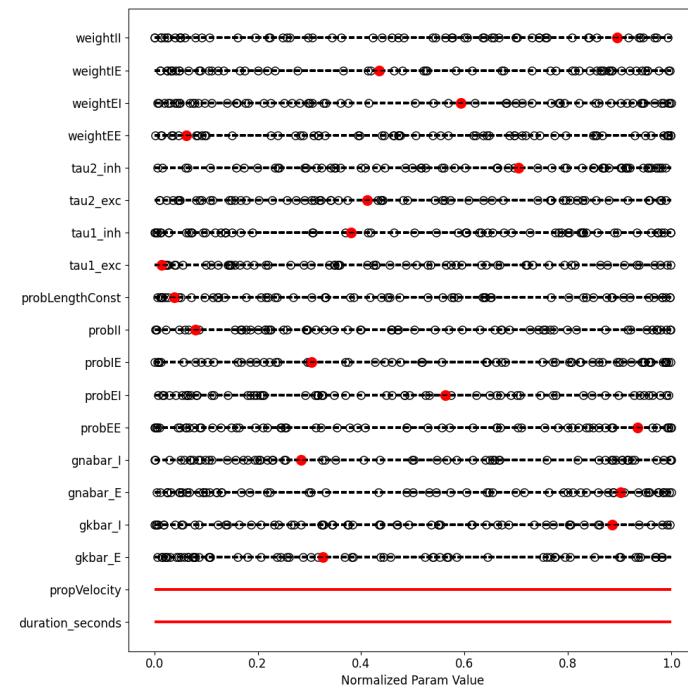
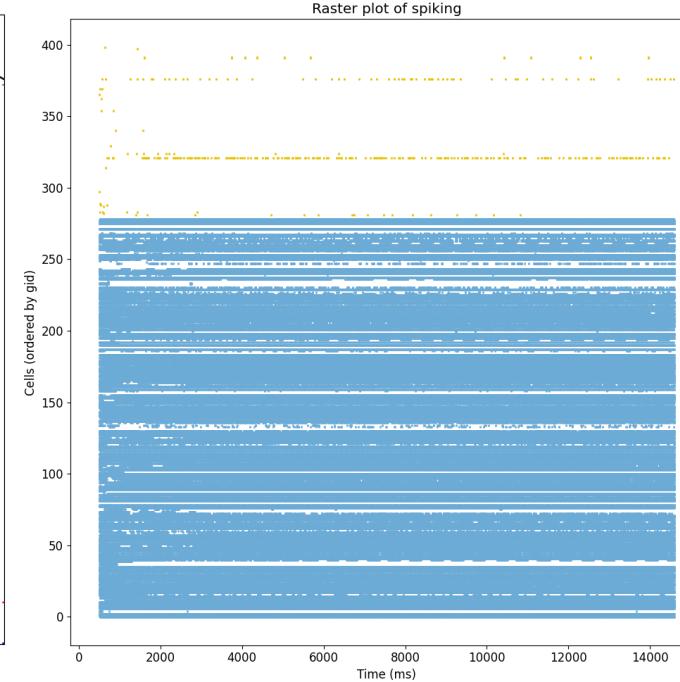
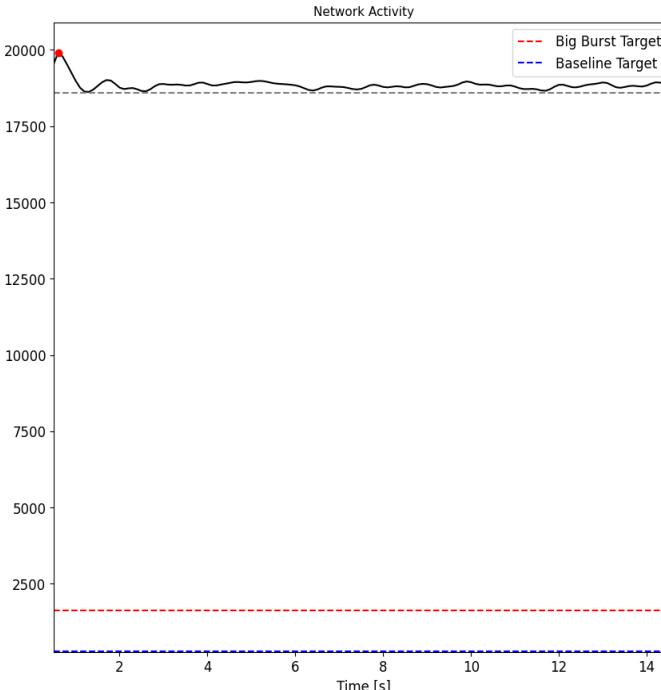
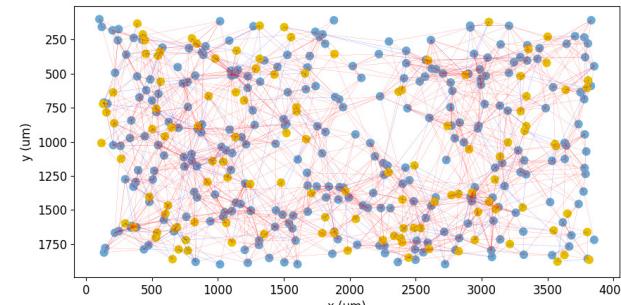


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_59_data.json
SimLabel	gen_1_cand_59
Generation Rank	28/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 19908.86322920905, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.0684931506849315, 'Fit': 1.0490347814981165}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 18852.28791400701, 'Fit': 1000}
slopeFitness	{'Value': -1.1782762860753637, 'Fit': 3.2568934082452934}
thresh	{'Value': 18596.241369326624, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.03973509933775, 'Fit': 23.027813703428244}
E_rate_fitness	{'Value': 64.80952380952381, 'Fit': 1000}
I_rate_fitness	{'Value': 0.8796296296296295, 'Fit': 1000}
maxFitness	1000
average_fitness	752.277811824431
average_scaled_fitness	0.7520176697347858

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

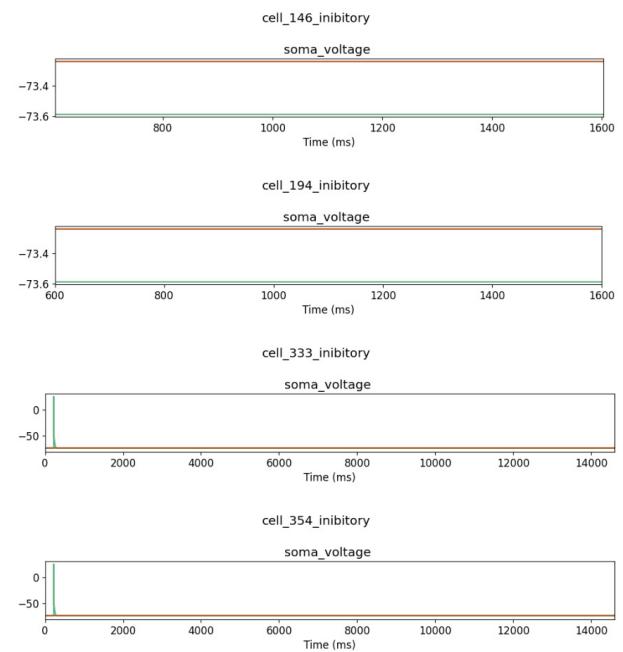
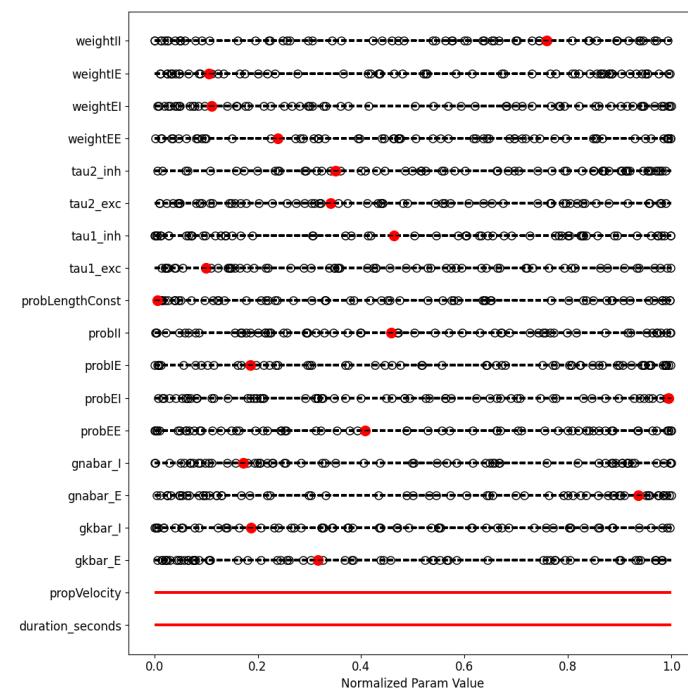
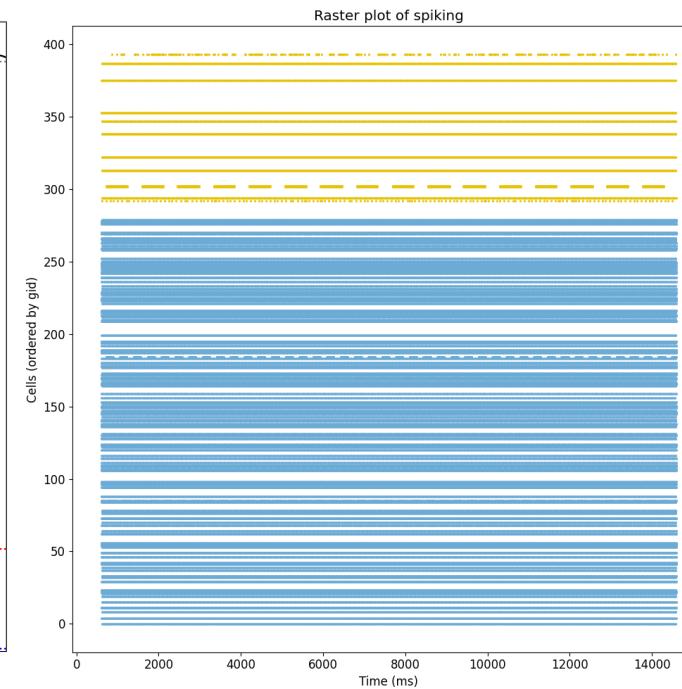
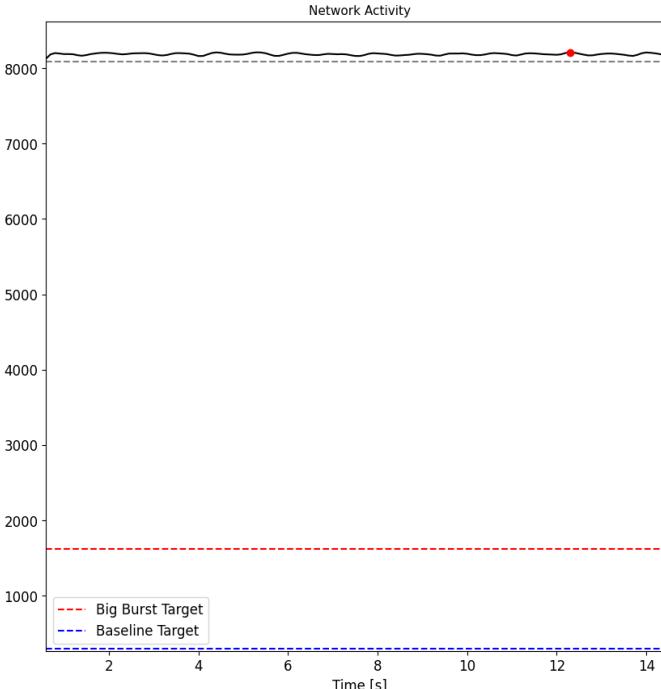
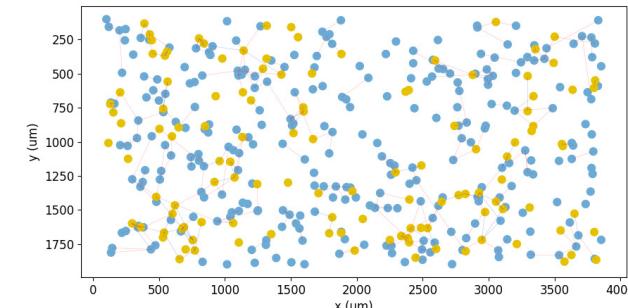


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_61_data.json
SimLabel	gen_1_cand_61
Generation Rank	17/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 8213.494331955899, 'Fit': 1000.0}
numBig_Fitness	{'Value': 1, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.0684931506849315, 'Fit': 1.0490347814981165}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 8187.400943845389, 'Fit': 1000}
slopeFitness	{'Value': -0.02239412564974615, 'Fit': 1.025204021714776}
thresh	{'Value': 8090.190307555418, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 93.37748344370861, 'Fit': 11.875187284818281}
E_rate_fitness	{'Value': 26.797619047619047, 'Fit': 1000}
I_rate_fitness	{'Value': 3.3518518518518516, 'Fit': 3.890794056554638}
maxFitness	1000
average_fitness	668.1533516787155
average_scaled_fitness	0.6678127920171293

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

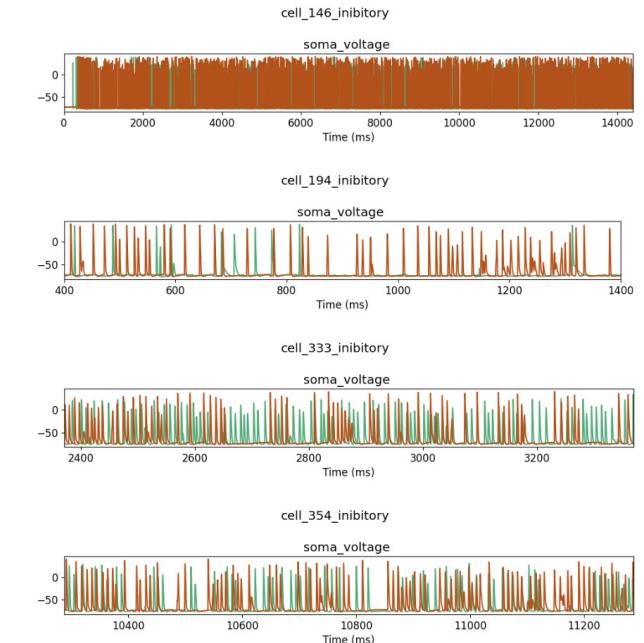
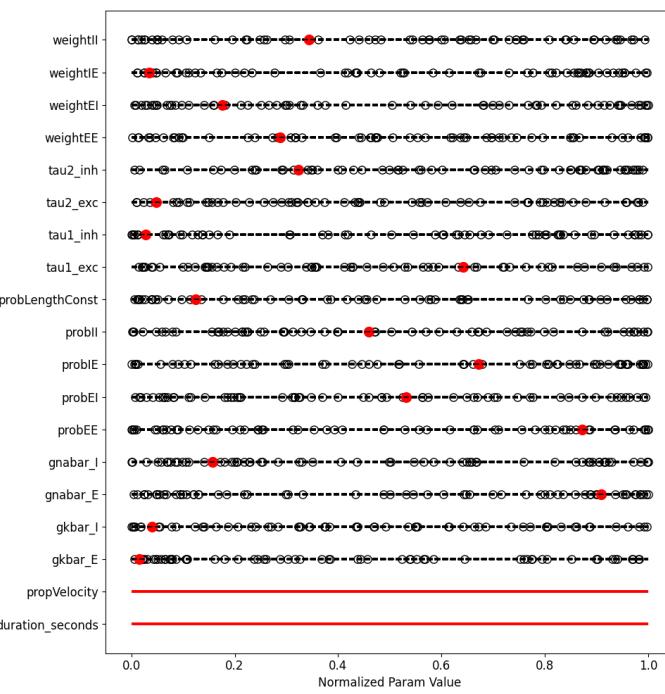
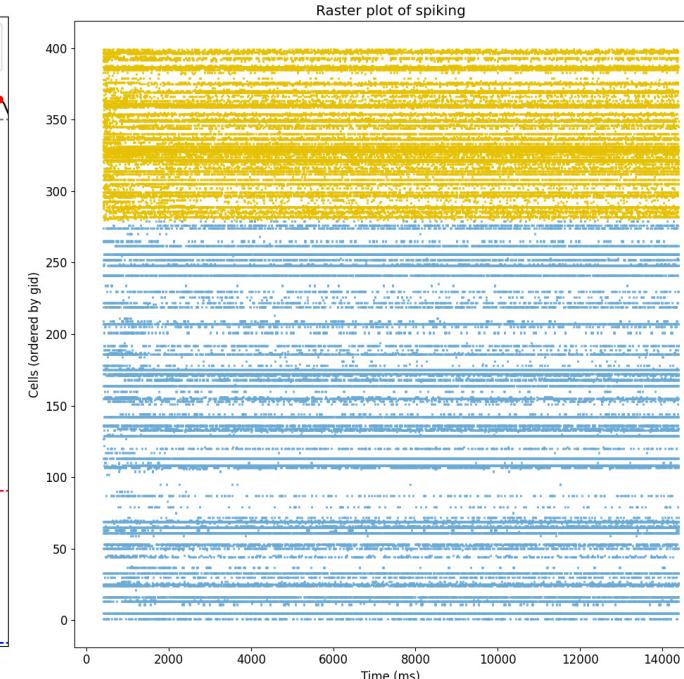
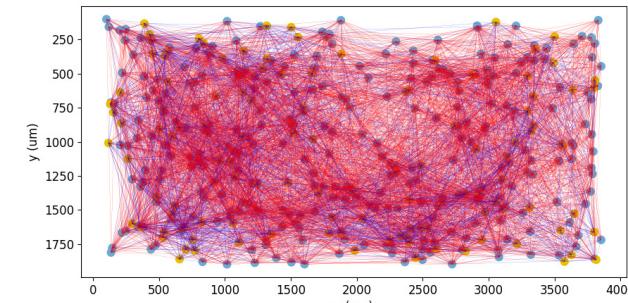


Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_62_data.json
SimLabel	gen_1_cand_62
Generation Rank	16/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 5030.697910297298, 'Fit': 1000.0}
numBig_Fitness	{'Value': 10, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6944444444444444, 'Fit': 1.7826139673787362}
IBI_fitness	{'Value': 1.477777777777778, 'Fit': 1.0006607632160955}
baseline_fitness	{'Value': 4904.819850721671, 'Fit': 1000}
slopeFitness	{'Value': -1.1402213802917007, 'Fit': 3.1352812814192617}
thresh	{'Value': 4854.579537113211, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 93.37748344370861, 'Fit': 11.875187284818281}
E_rate_fitness	{'Value': 9.178571428571429, 'Fit': 1000}
I_rate_fitness	{'Value': 21.185185185185183, 'Fit': 1000}
maxFitness	1000
average_fitness	668.1494786080693
average_scaled_fitness	0.6678170761900023

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



Description	Value
Data Directory	/NERSC/output/240522_Run4_it_srun_sims_2nodes/gen_1/gen_1_cand_63_data.json
SimLabel	gen_1_cand_63
Generation Rank	2/63

Criteria	Targets
bursts_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': 0.1163636363636363, '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}
sustained_osc	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 4.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 14842.095021239482, 'Fit': 1000.0}
numBig_Fitness	{'Value': 2, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.136986301369863, 'Fit': 1.020836781513554}
IBI_fitness	{'Value': 10.400000000000002, 'Fit': 1.0001454486976842}
baseline_fitness	{'Value': 14537.236187460972, 'Fit': 1000}
slopeFitness	{'Value': -0.7863776102139173, 'Fit': 2.200919269634035}
thresh	{'Value': 14145.694483313975, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.0794701986755, 'Fit': 16.83671845754203}
E_rate_fitness	{'Value': 33.18650793650794, 'Fit': 1000}
I_rate_fitness	{'Value': 6.185185185185185, 'Fit': 4.369812355257272}
maxFitness	1000
average_fitness	585.452369359387
average_scaled_fitness	0.5850373463499594

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

