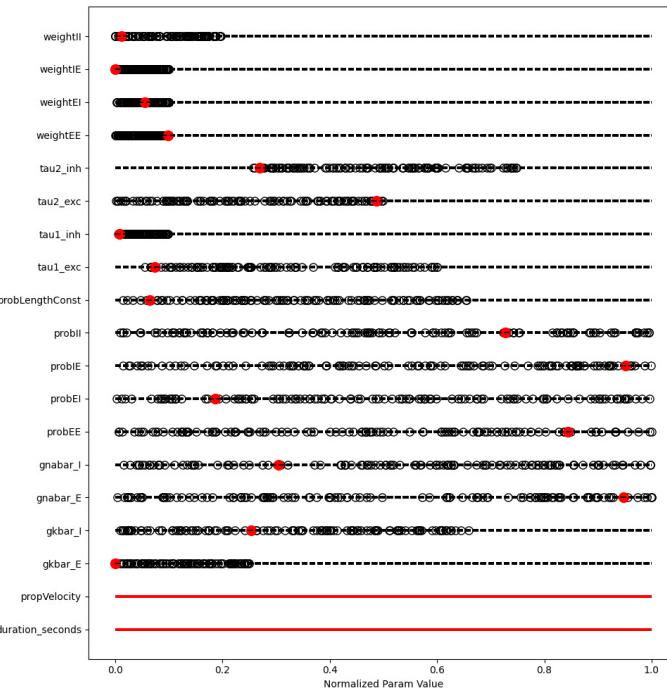
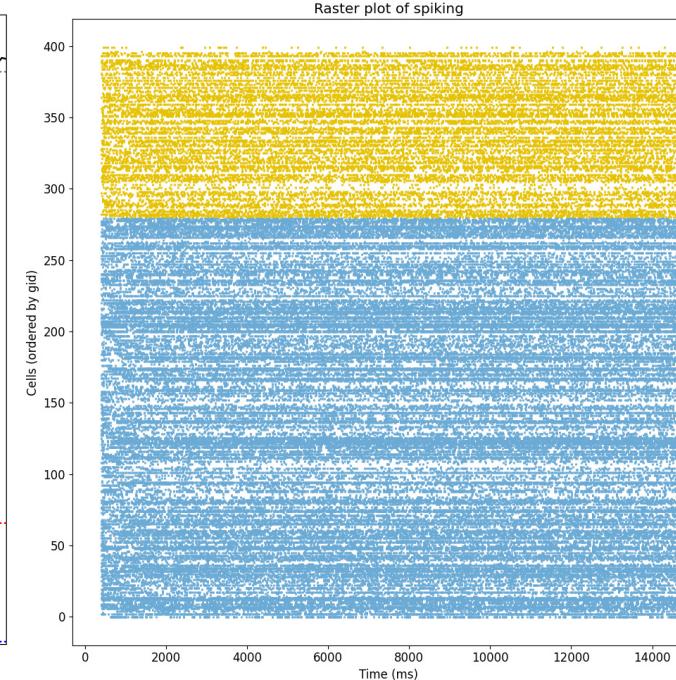
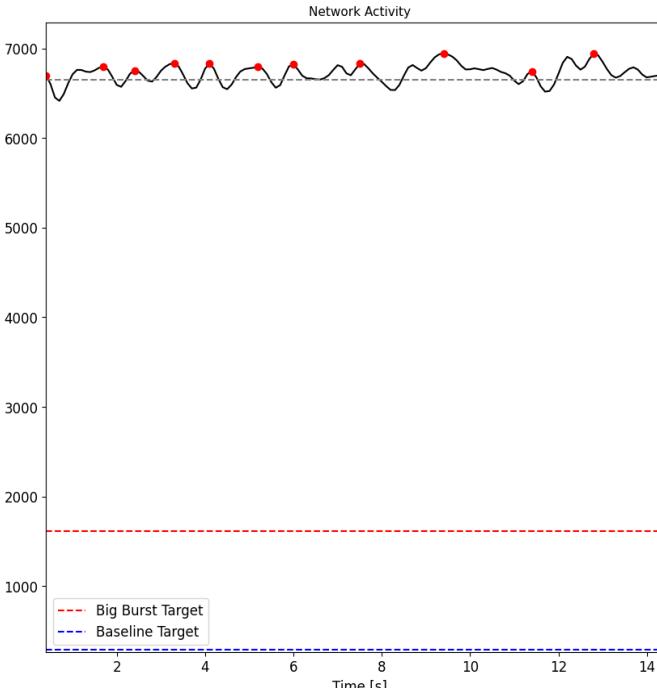
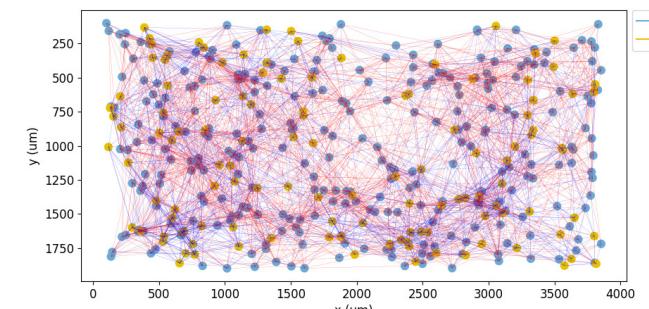


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_0_data.json
SimLabel	gen_0_cand_0
Generation Rank	12/118

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}}

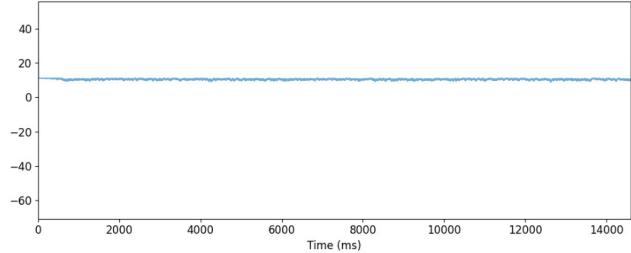
Metric	Value
BigBurstVal_Fitness	{'Value': 6816.756188836211, 'Fit': 1000.0}
numBig_Fitness	{'Value': 11, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.7534246575342465, 'Fit': 1.8909153446506628}
IBI_fitness	{'Value': 1.24, 'Fit': 1.0006822569033527}
baseline_fitness	{'Value': 6723.0216773427255, 'Fit': 1000}
slopeFitness	{'Value': 0.7021746604568807, 'Fit': 2.0131026678125385}
thresh	{'Value': 6654.566422448976, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.70198675496688, 'Fit': 44.654470808871295}
E_rate_fitness	{'Value': 19.46825396825397, 'Fit': 1000}
I_rate_fitness	{'Value': 8.916666666666666, 'Fit': 67.10117468898616}
maxFitness	1000
average_fitness	593.0550288139353
average_scaled_fitness	0.5926473982931039

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



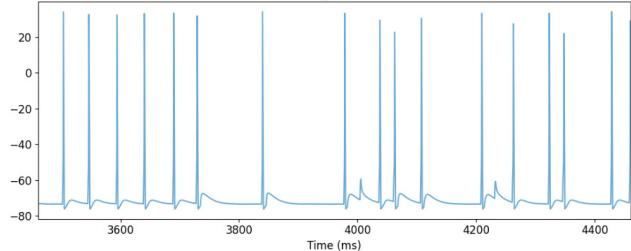
cell_0_excitatory

soma_voltage



cell_280_inhibitory

soma_voltage

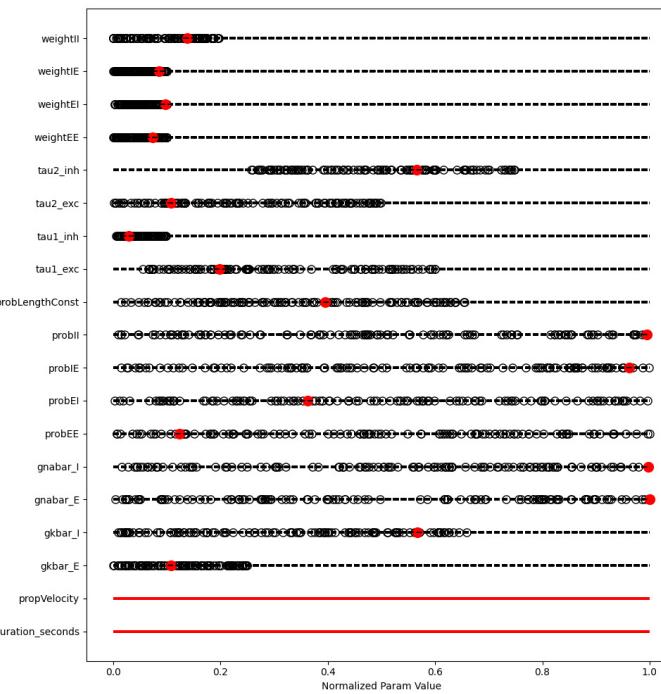
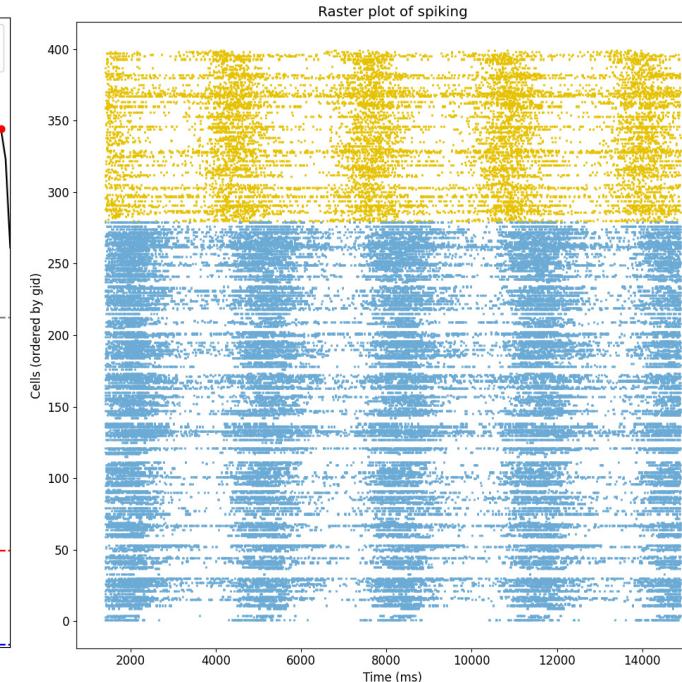
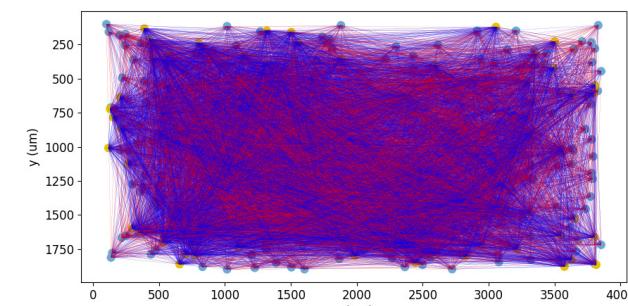


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_1_data.json
SimLabel	gen_0_cand_1
Generation Rank	10/118

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}}

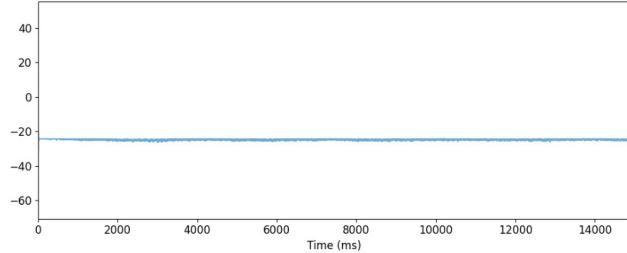
Metric	Value
BigBurstVal_Fitness	{'Value': 8064.011016475126, 'Fit': 1000.0}
numBig_Fitness	{'Value': 5, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.33557046979865773, 'Fit': 1.2450887760453309}
IBI_fitness	{'Value': 3.1500000000000004, 'Fit': 1.0000509614935043}
baseline_fitness	{'Value': 4433.057395245877, 'Fit': 1000}
slopeFitness	{'Value': -3.731741777975032, 'Fit': 41.85617306861315}
thresh	{'Value': 4885.188084639057, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 90.06622516556291, 'Fit': 2.308982974937318}
E_rate_fitness	{'Value': 2.4563492063492065, 'Fit': 4.850018598329761}
I_rate_fitness	{'Value': 15.435185185185185, 'Fit': 1000}
maxFitness	1000
average_fitness	587.605064419405
average_scaled_fitness	0.5871920460923988

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



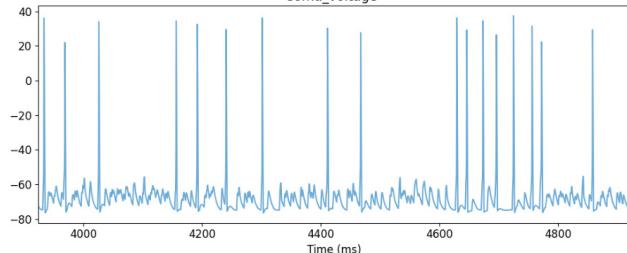
cell_0_excitatory

soma_voltage



cell_280_inhibitory

soma_voltage

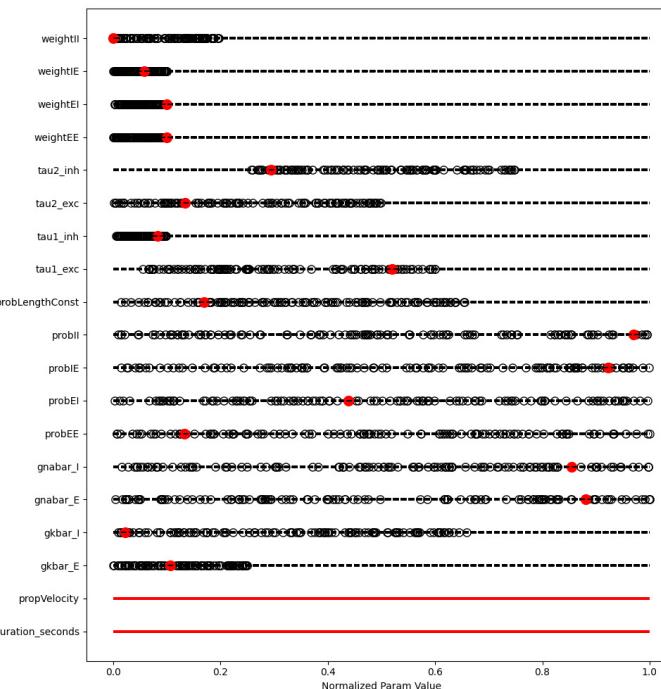
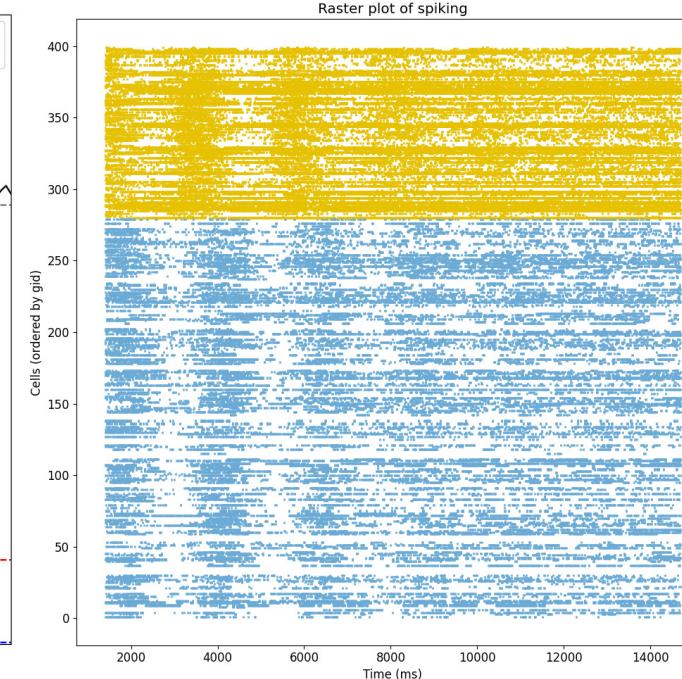
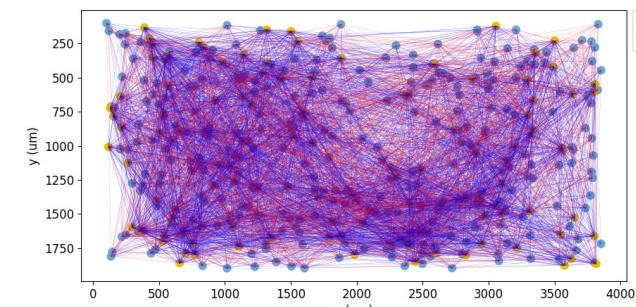


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_2_data.json
SimLabel	gen_0_cand_2
Generation Rank	4/118

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}}

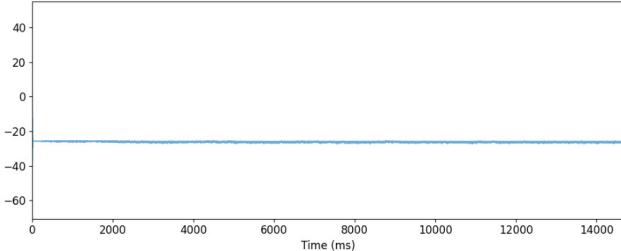
Metric	Value
BigBurstVal_Fitness	{'Value': 8653.902111940062, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.4081632653061224, 'Fit': 1.3388347270312633}
IBI_fitness	{'Value': 2.2399999999999998, 'Fit': 1.0005918646855756}
baseline_fitness	{'Value': 7538.928499702213, 'Fit': 1000}
slopeFitness	{'Value': 1.4488921866394986, 'Fit': 4.247772270785199}
thresh	{'Value': 7314.209214562259, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.74172185430463, 'Fit': 8.682508357938584}
E_rate_fitness	{'Value': 1.6666666666666665, 'Fit': 2.2018545883903475}
I_rate_fitness	{'Value': 23.324074074074073, 'Fit': 1000}
maxFitness	1000
average_fitness	584.7892968174026
average_scaled_fitness	0.5843734242469569

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



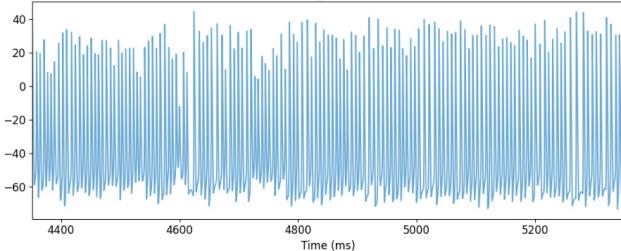
cell_0_excitatory

soma_voltage



cell_280_inhibitory

soma_voltage

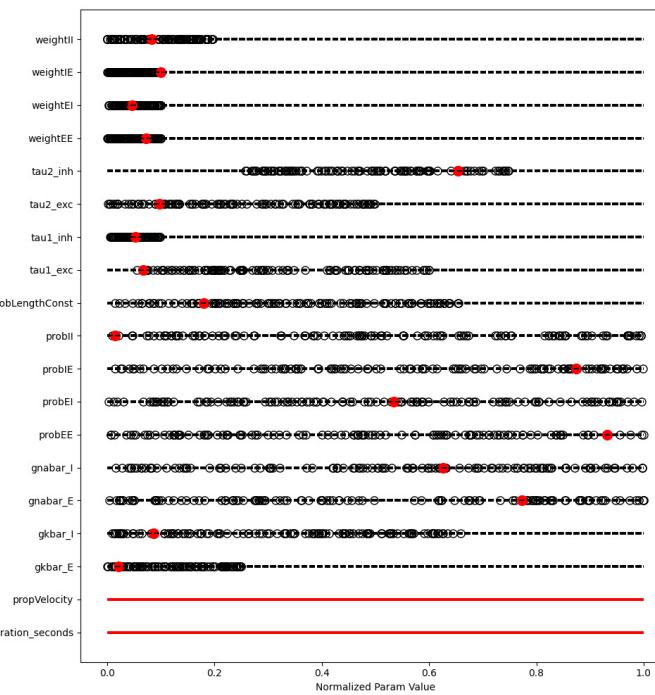
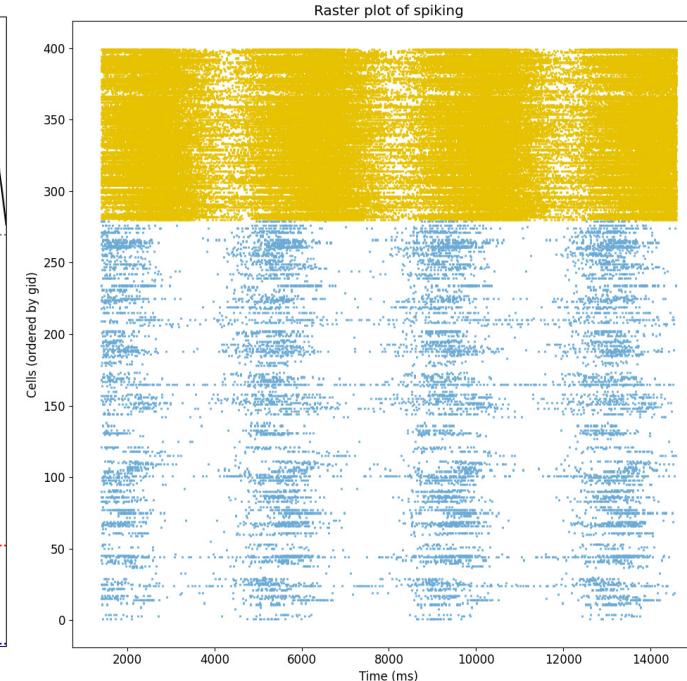
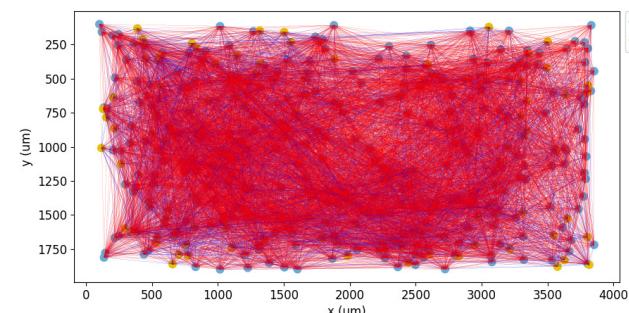


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_3_data.json
SimLabel	gen_0_cand_3
Generation Rank	5/118

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_oscி	{'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}}

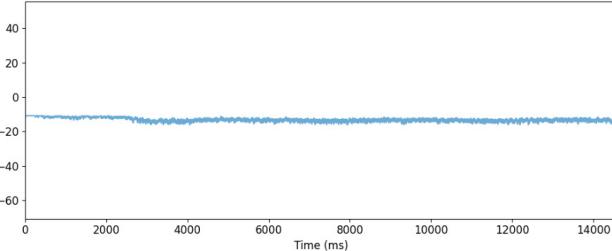
Metric	Value
BigBurstVal_Fitness	{'Value': 8228.53813780273, 'Fit': 1000.0}
numBig_Fitness	{'Value': 4, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.273972602739726, 'Fit': 1.1707083188746092}
IBI_fitness	{'Value': 3.733333333333334, 'Fit': 1.0004568945314503}
baseline_fitness	{'Value': 5574.259460854539, 'Fit': 1000}
slopeFitness	{'Value': 0.8661117997383281, 'Fit': 2.371717288429145}
thresh	{'Value': 5785.859804154616, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.0794701986755, 'Fit': 16.83671845754203}
E_rate_fitness	{'Value': 0.8849206349206349, 'Fit': 1.0075825714157556}
I_rate_fitness	{'Value': 18.416666666666664, 'Fit': 1000}
maxFitness	1000
average_fitness	585.1989319608994
average_scaled_fitness	0.5847835257765395

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



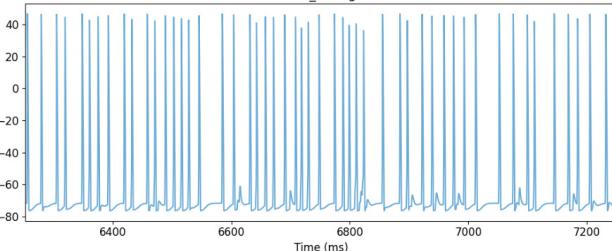
cell_0_excitatory

soma_voltage



cell_280_inhibitory

soma_voltage

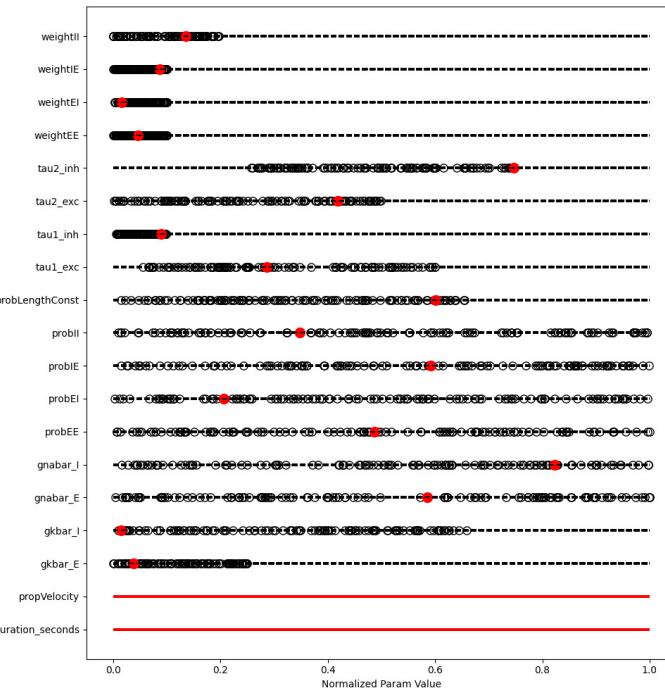
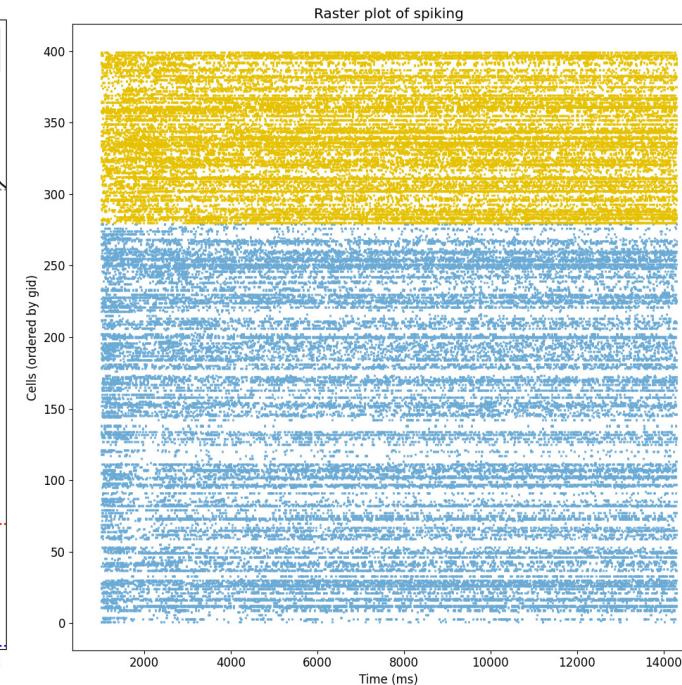
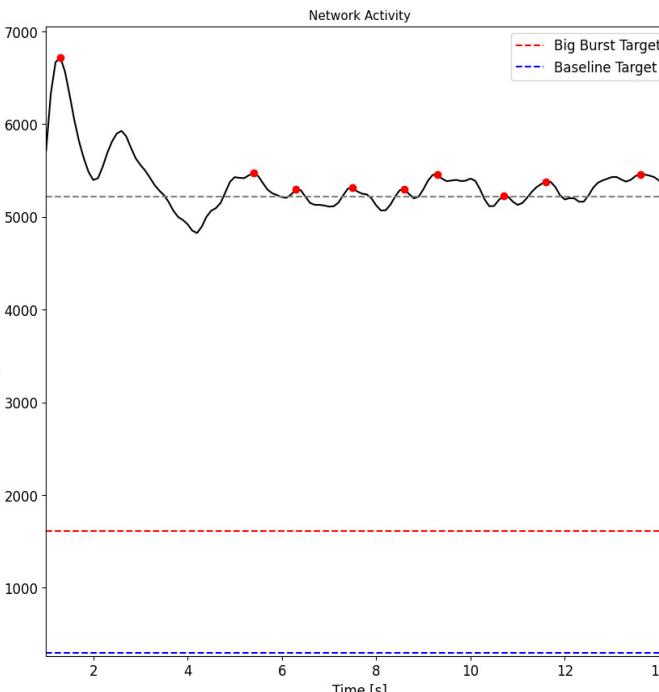


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_4_data.json
SimLabel	gen_0_cand_4
Generation Rank	11/118

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_oscி	{'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}}

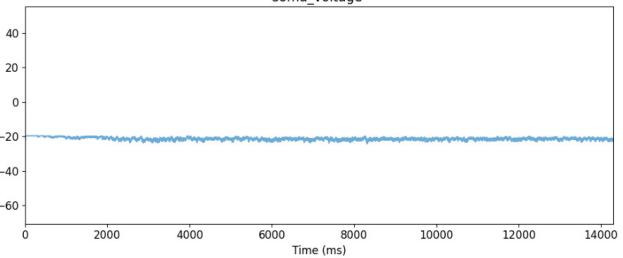
Metric	Value
BigBurstVal_Fitness	{'Value': 5513.184788280228, 'Fit': 1000.0}
numBig_Fitness	{'Value': 9, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6293706293706294, 'Fit': 1.6703062502629833}
IBI_fitness	{'Value': 1.5375, 'Fit': 1.0006553681068553}
baseline_fitness	{'Value': 5359.828215021184, 'Fit': 1000}
slopeFitness	{'Value': -2.915043972965204, 'Fit': 18.49575942750156}
thresh	{'Value': 5221.549244267976, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.74172185430463, 'Fit': 8.682508357938584}
E_rate_fitness	{'Value': 4.833333333333333, 'Fit': 52.24617417501778}
I_rate_fitness	{'Value': 16.97222222222222, 'Fit': 1000}
maxFitness	1000
average_fitness	590.1746169649024
average_scaled_fitness	0.5897641122216067

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



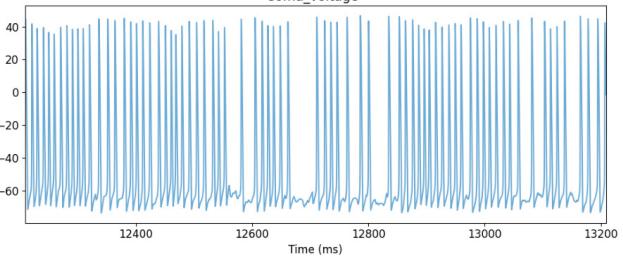
cell_0_excitatory

soma_voltage



cell_280_inhibitory

soma_voltage

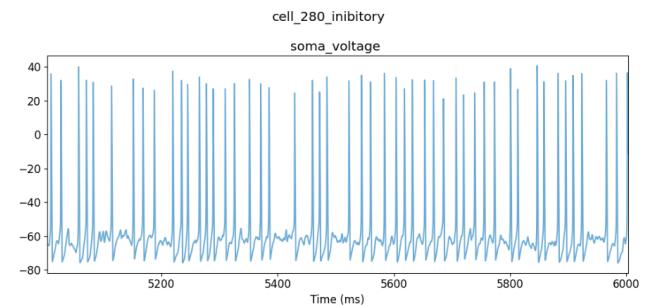
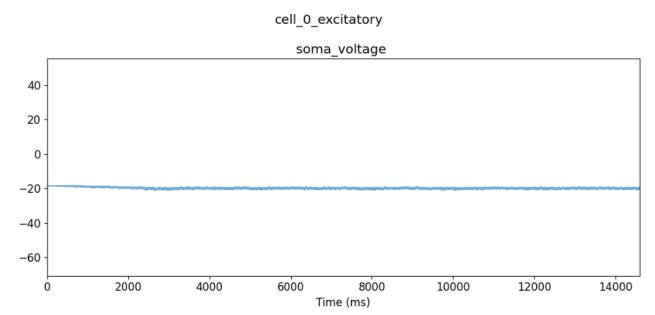
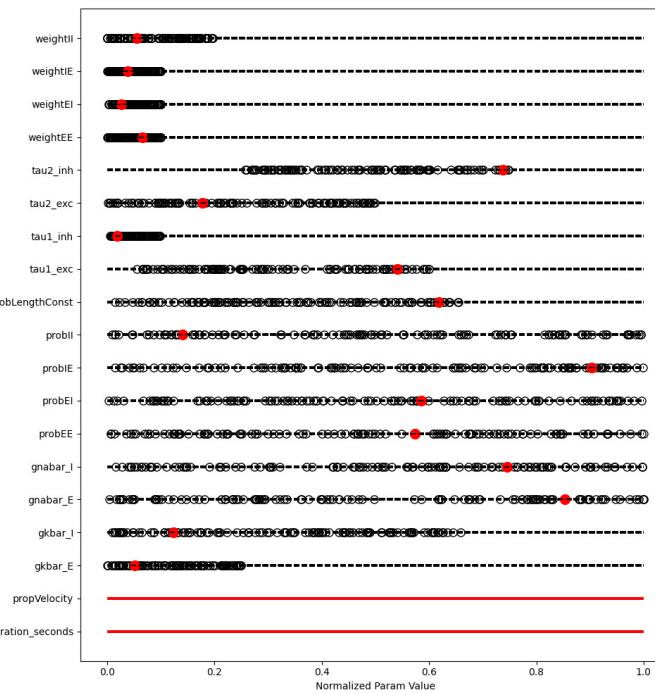
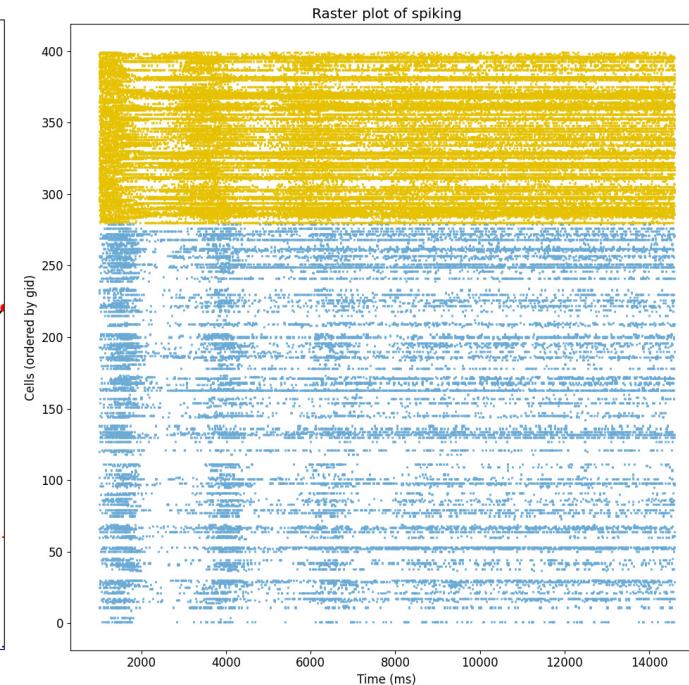
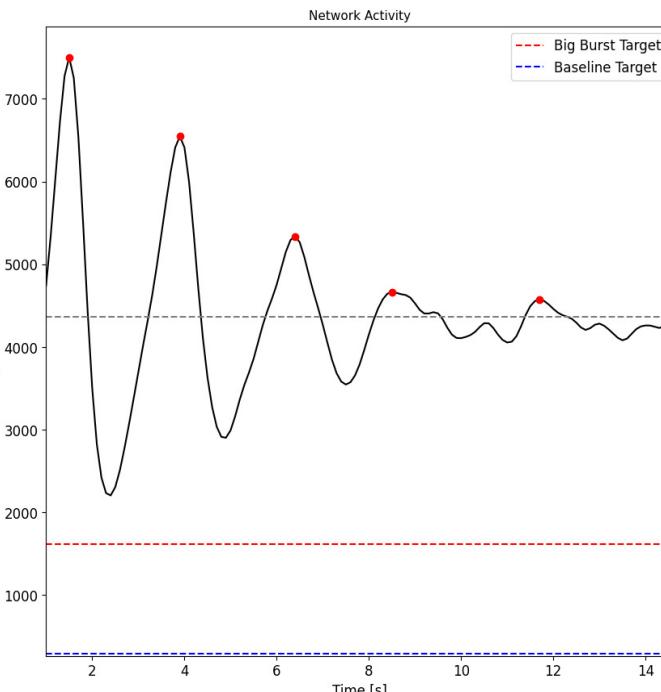


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_5_data.json
SimLabel	gen_0_cand_5
Generation Rank	8/118

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': 5503.702820679034, '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': 1.0005575182062114}
baseline_fitness	{'Value': 4363.242593311536, 'Fit': 1000}
slopeFitness	{'Value': -3.2009320259970515, 'Fit': 24.61680989661906}
thresh	{'Value': 4369.494696224628, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 90.72847682119205, 'Fit': 1.1907168269628419}
E_rate_fitness	{'Value': 0.36507936507936506, 'Fit': 1.669104577710649}
I_rate_fitness	{'Value': 27.462962962962962, 'Fit': 1000}
maxFitness	1000
average_fitness	585.8183143068015
average_scaled_fitness	0.5854034866483455

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

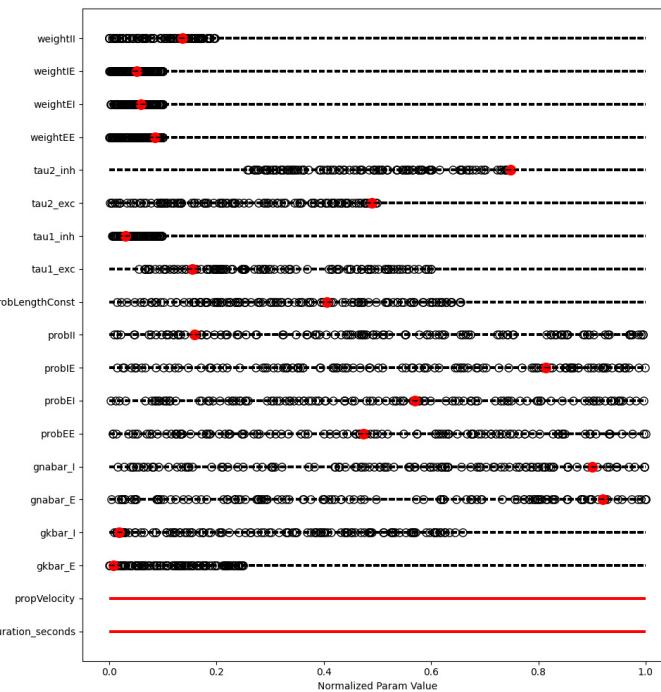
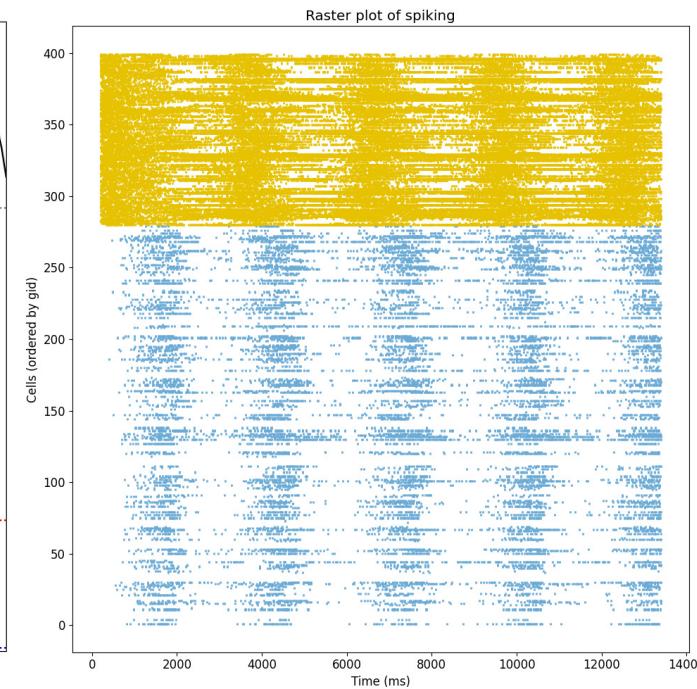
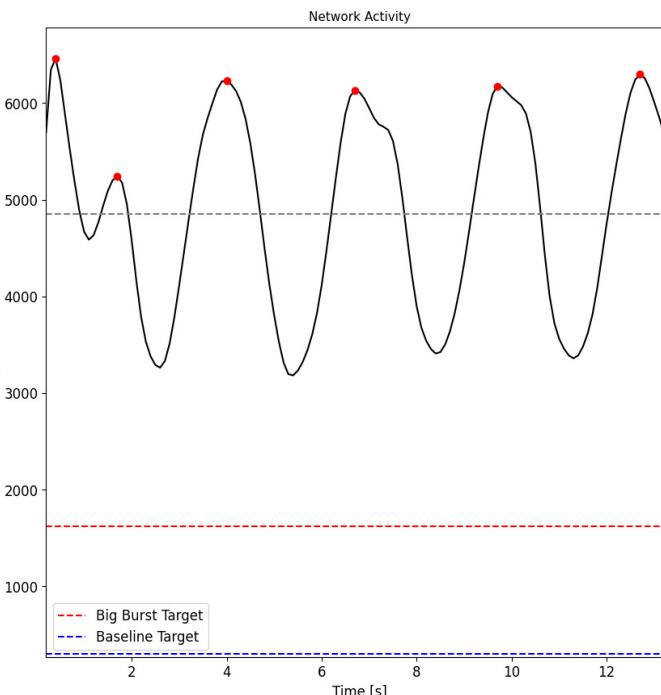


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_6_data.json
SimLabel	gen_0_cand_6
Generation Rank	7/118

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_oscி	{'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}}

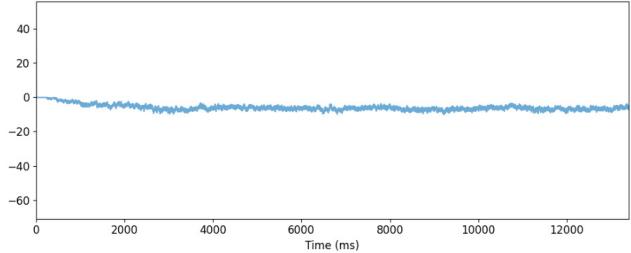
Metric	Value
BigBurstVal_Fitness	{'Value': 6090.046349287401, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.44776119402985076, 'Fit': 1.3929134456650312}
IBI_fitness	{'Value': 2.46, 'Fit': 1.0005719808787474}
baseline_fitness	{'Value': 4885.847624181666, 'Fit': 1000}
slopeFitness	{'Value': 1.2362045253184273, 'Fit': 3.433935613564014}
thresh	{'Value': 4849.225520041158, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.0794701986755, 'Fit': 16.83671845754203}
E_rate_fitness	{'Value': 0.5793650793650794, 'Fit': 1.3471639262782007}
I_rate_fitness	{'Value': 47.78703703703704, 'Fit': 1000}
maxFitness	1000
average_fitness	585.3342752853273
average_scaled_fitness	0.5849189568237313

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



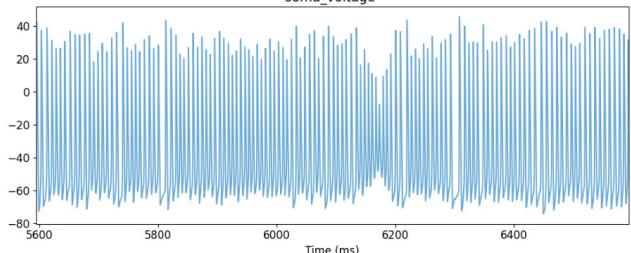
cell_0_excitatory

soma_voltage



cell_280_inhibitory

soma_voltage

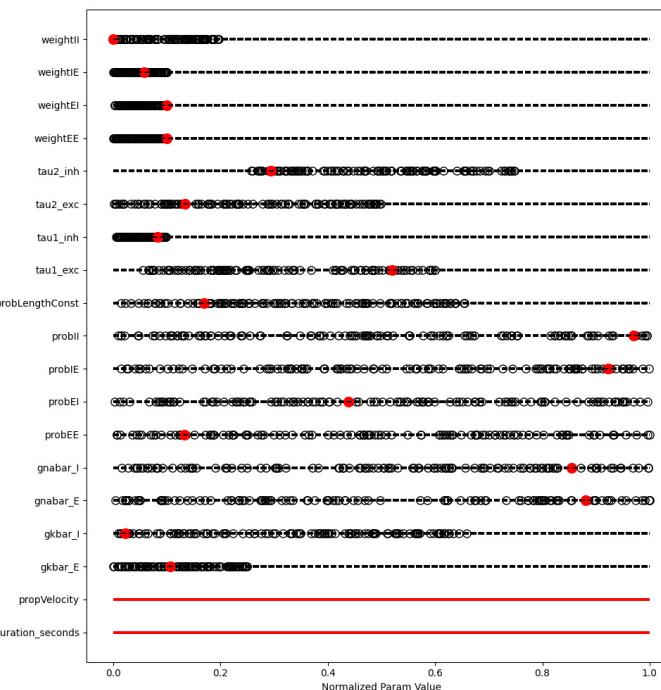
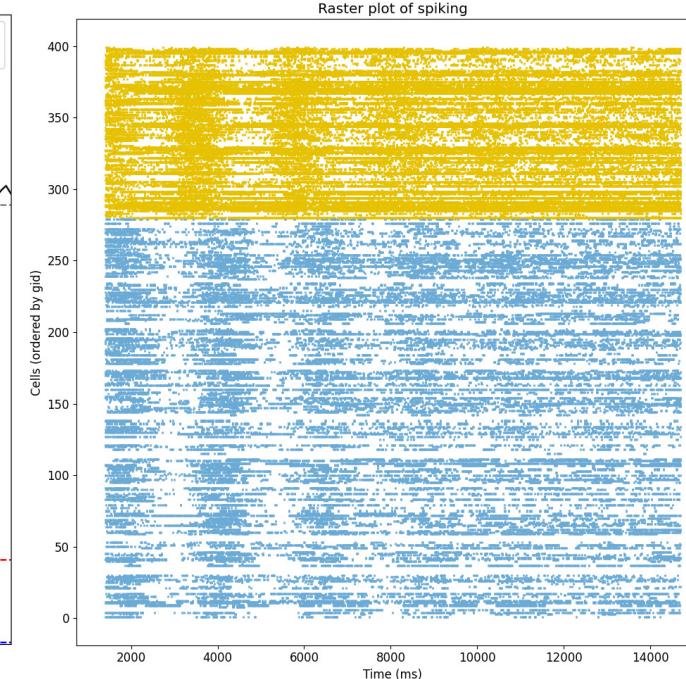
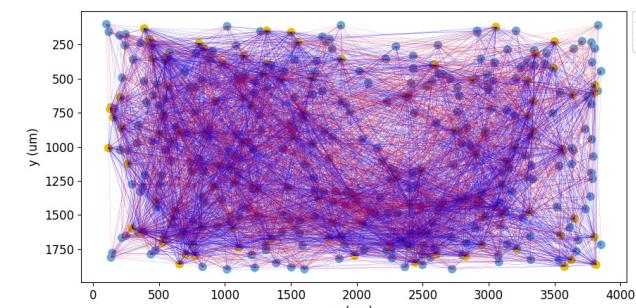


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_2_data.json
SimLabel	gen_0_cand_2
Generation Rank	4/118

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_oscி	{'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}}

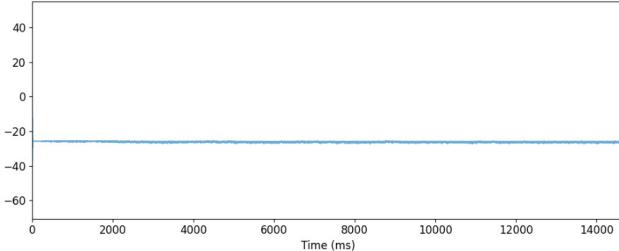
Metric	Value
BigBurstVal_Fitness	{'Value': 8653.902111940062, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.4081632653061224, 'Fit': 1.3388347270312633}
IBI_fitness	{'Value': 2.2399999999999998, 'Fit': 1.0005918646855756}
baseline_fitness	{'Value': 7538.928499702213, 'Fit': 1000}
slopeFitness	{'Value': 1.4488921866394986, 'Fit': 4.247772270785199}
thresh	{'Value': 7314.209214562259, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.74172185430463, 'Fit': 8.682508357938584}
E_rate_fitness	{'Value': 1.6666666666666665, 'Fit': 2.2018545883903475}
I_rate_fitness	{'Value': 23.324074074074073, 'Fit': 1000}
maxFitness	1000
average_fitness	584.7892968174026
average_scaled_fitness	0.5843734242469569

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



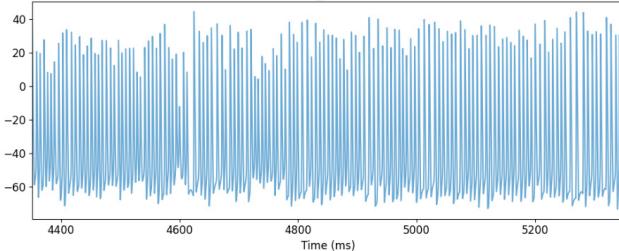
cell_0_excitatory

soma_voltage



cell_280_inhibitory

soma_voltage

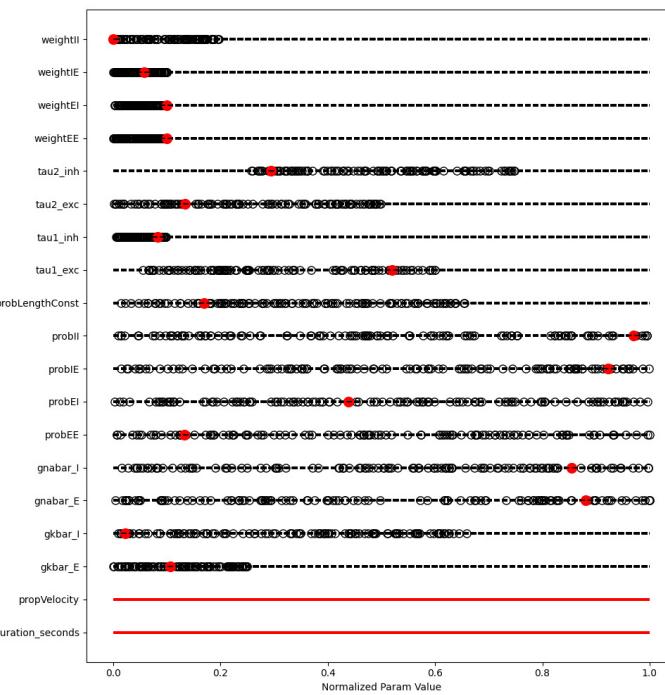
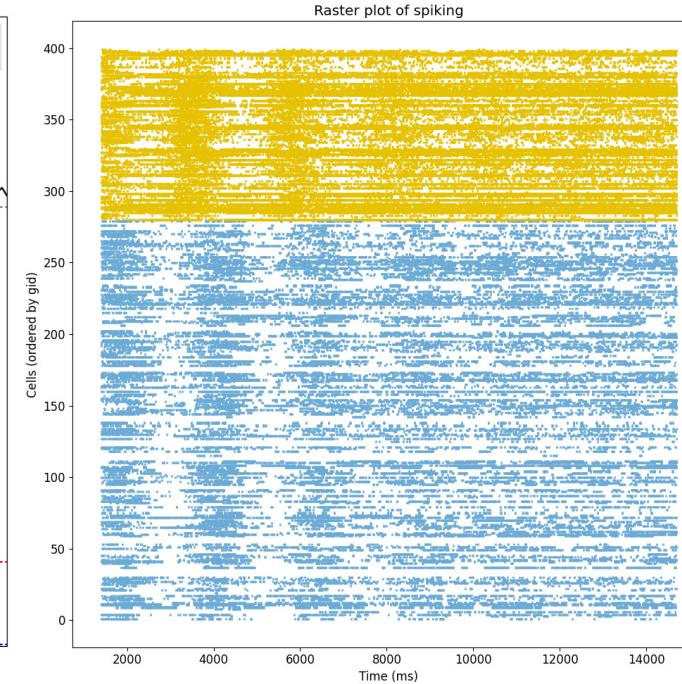
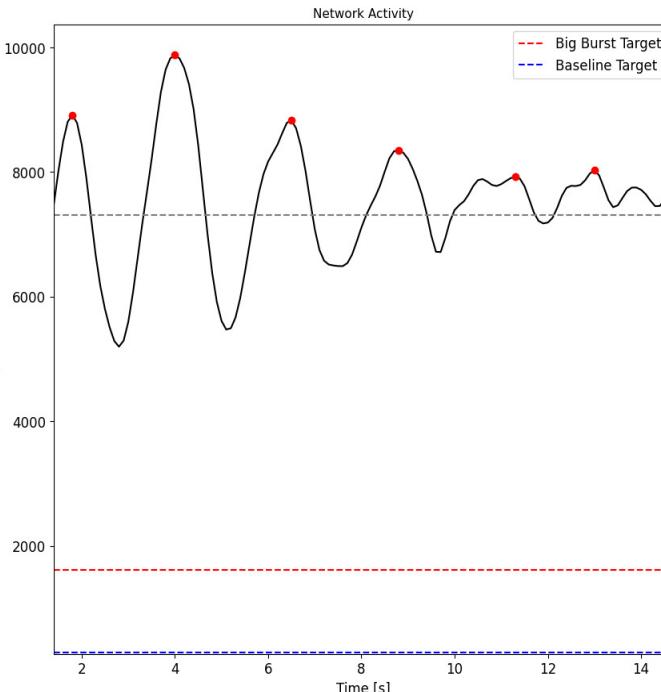


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_9_data.json
SimLabel	gen_0_cand_9
Generation Rank	3/118

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}}

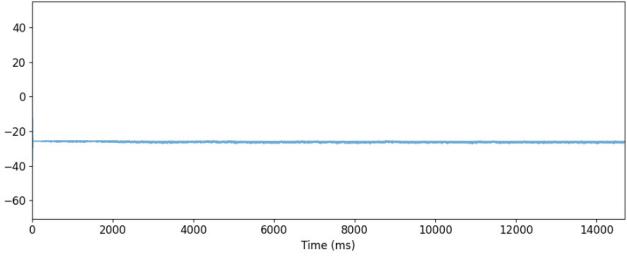
Metric	Value
BigBurstVal_Fitness	{'Value': 8653.902111940062, 'Fit': 1000.0}
numBig_Fitness	{'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.4081632653061224, 'Fit': 1.3388347270312633}
IBI_fitness	{'Value': 2.2399999999999998, 'Fit': 1.0005918646855756}
baseline_fitness	{'Value': 7538.928499702213, 'Fit': 1000}
slopeFitness	{'Value': 1.4488921866394986, 'Fit': 4.247772270785199}
thresh	{'Value': 7314.209214562259, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.74172185430463, 'Fit': 8.682508357938584}
E_rate_fitness	{'Value': 1.6666666666666665, 'Fit': 2.2018545883903475}
I_rate_fitness	{'Value': 23.324074074074073, 'Fit': 1000}
maxFitness	1000
average_fitness	584.7892968174026
average_scaled_fitness	0.5843734242469569

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



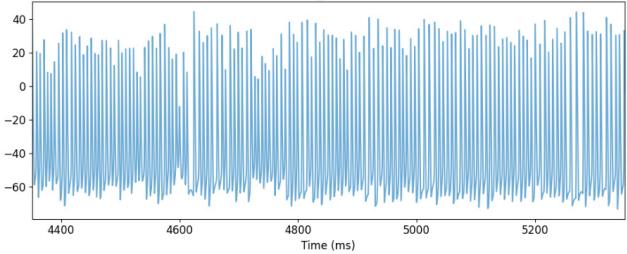
cell_0_excitatory

soma_voltage



cell_280_inhibitory

soma_voltage

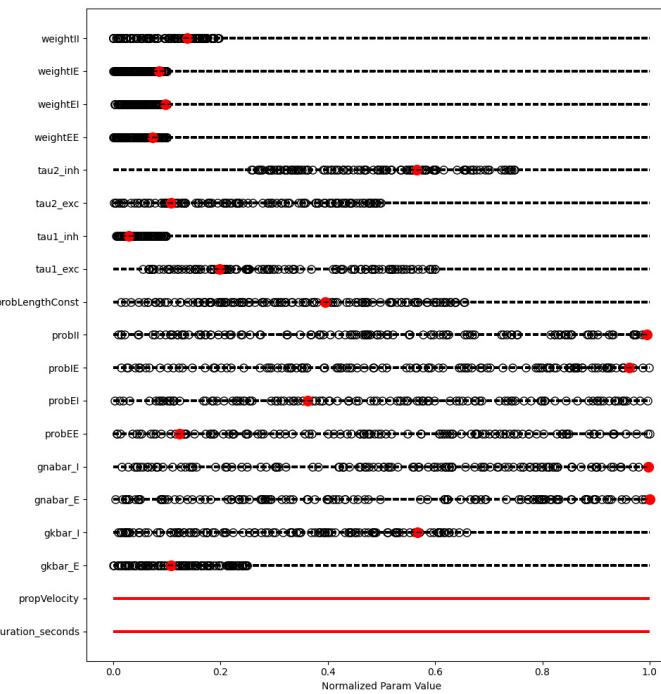
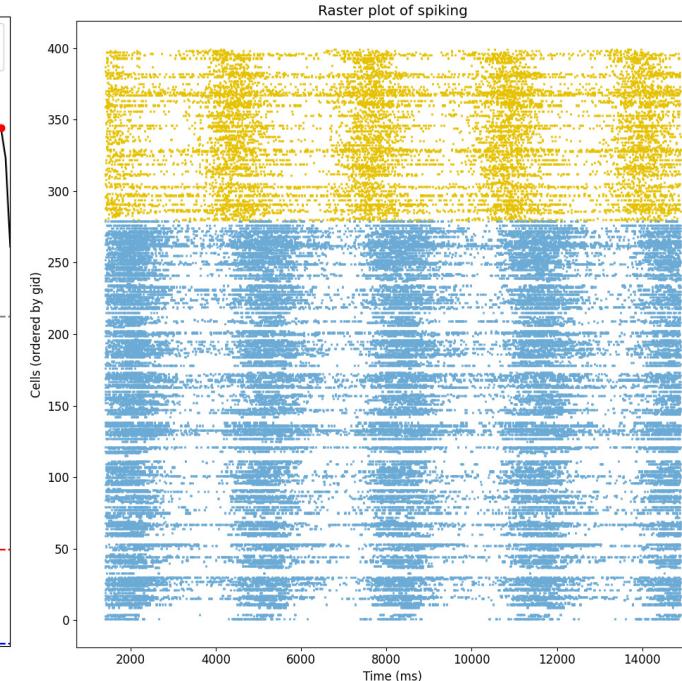
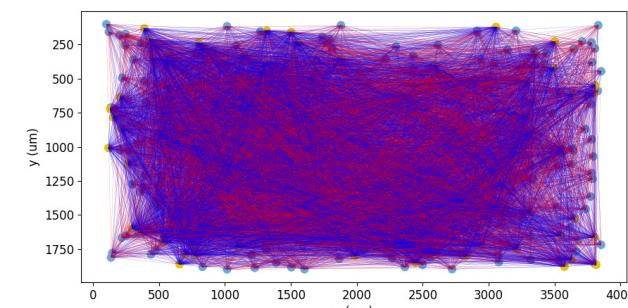


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_10_data.json
SimLabel	gen_0_cand_10
Generation Rank	9/118

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_oscி	{'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}}

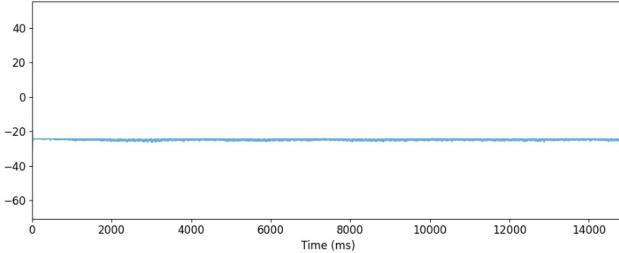
Metric	Value
BigBurstVal_Fitness	{'Value': 8064.011016475126, 'Fit': 1000.0}
numBig_Fitness	{'Value': 5, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.33557046979865773, 'Fit': 1.2450887760453309}
IBI_fitness	{'Value': 3.1500000000000004, 'Fit': 1.0000509614935043}
baseline_fitness	{'Value': 4433.057395245877, 'Fit': 1000}
slopeFitness	{'Value': -3.731741777975032, 'Fit': 41.85617306861315}
thresh	{'Value': 4885.188084639057, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 90.06622516556291, 'Fit': 2.308982974937318}
E_rate_fitness	{'Value': 2.4563492063492065, 'Fit': 4.850018598329761}
I_rate_fitness	{'Value': 15.435185185185185, 'Fit': 1000}
maxFitness	1000
average_fitness	587.605064419405
average_scaled_fitness	0.5871920460923988

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



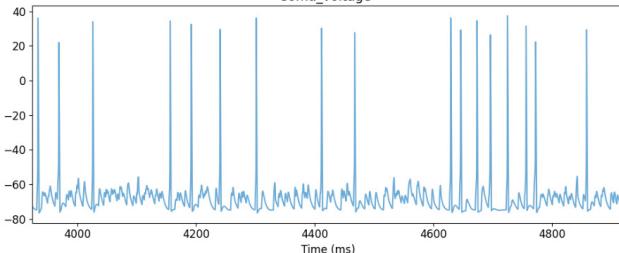
cell_0_excitatory

soma_voltage



cell_280_inhibitory

soma_voltage

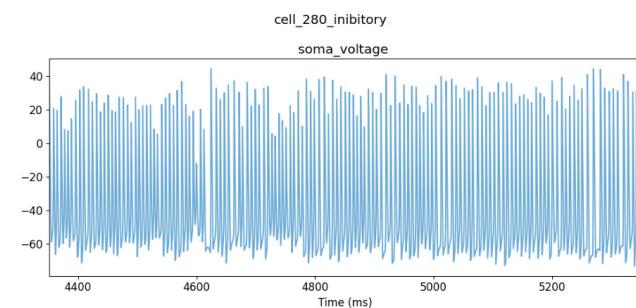
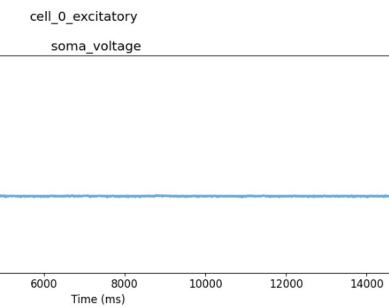
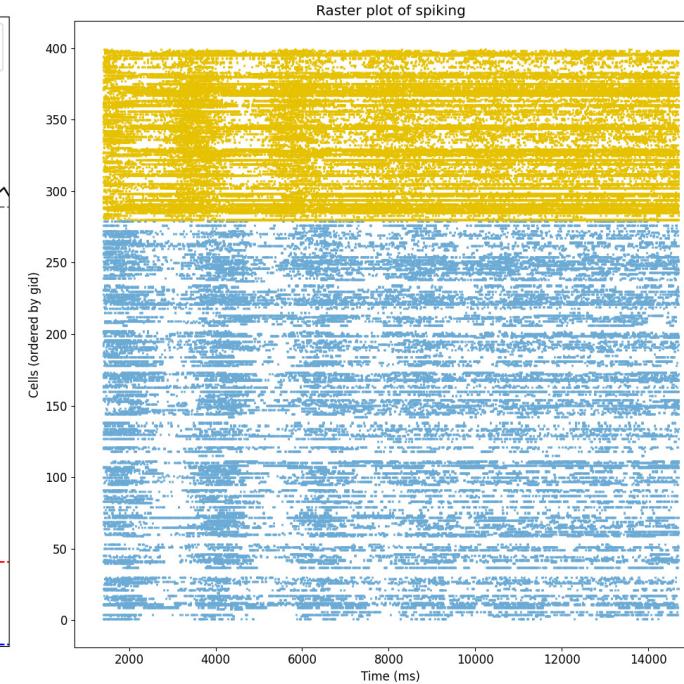
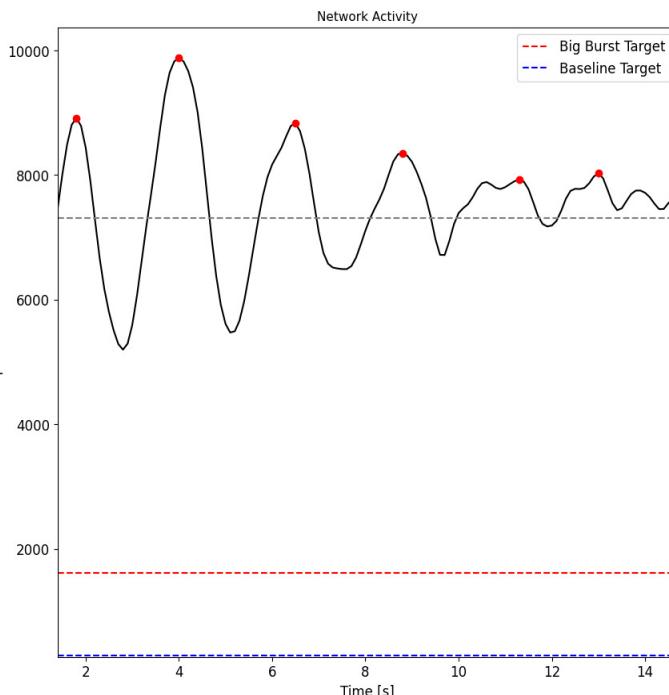
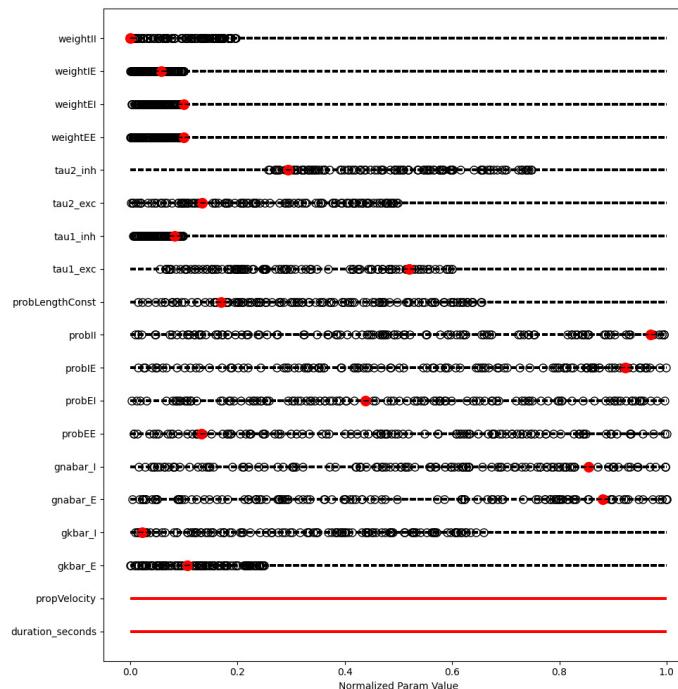
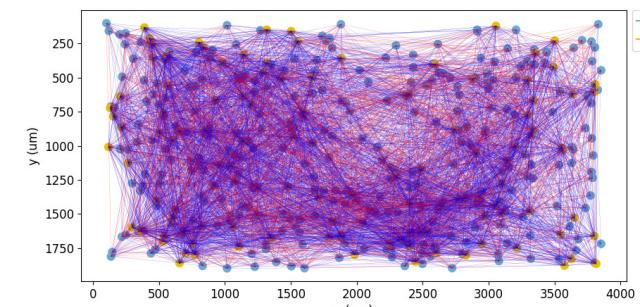


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_11/data.json
SimLabel	gen_0_cand_11
Generation Rank	2/118

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': 8653.902111940062, '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': 2.2399999999999998, 'Fit': 1.00005918646855756}
baseline_fitness	{'Value': 7538.928499702213, 'Fit': 1000}
slopeFitness	{'Value': 1.4488921866394986, 'Fit': 4.247772270785199}
thresh	{'Value': 7314.209214562259, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.74172185430463, 'Fit': 8.682508357938584}
E_rate_fitness	{'Value': 1.6666666666666665, 'Fit': 2.2018545883903475}
I_rate_fitness	{'Value': 23.324074074074073, 'Fit': 1000}
maxFitness	1000
average_fitness	584.7892968174026
average_scaled_fitness	0.5843734242469569

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

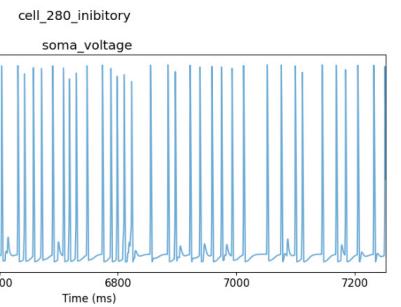
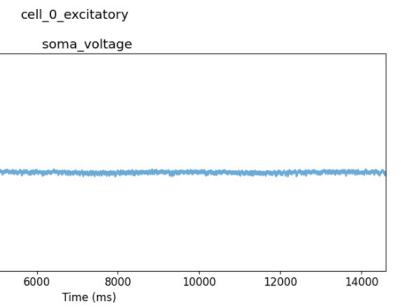
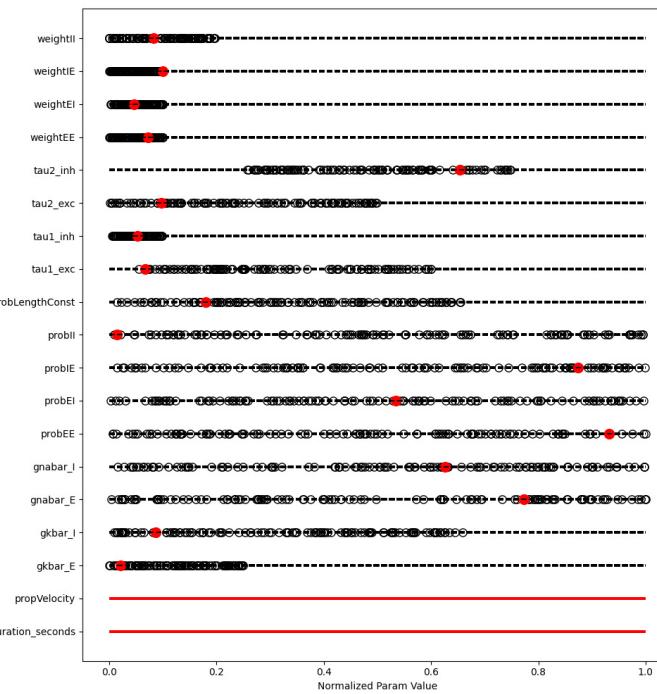
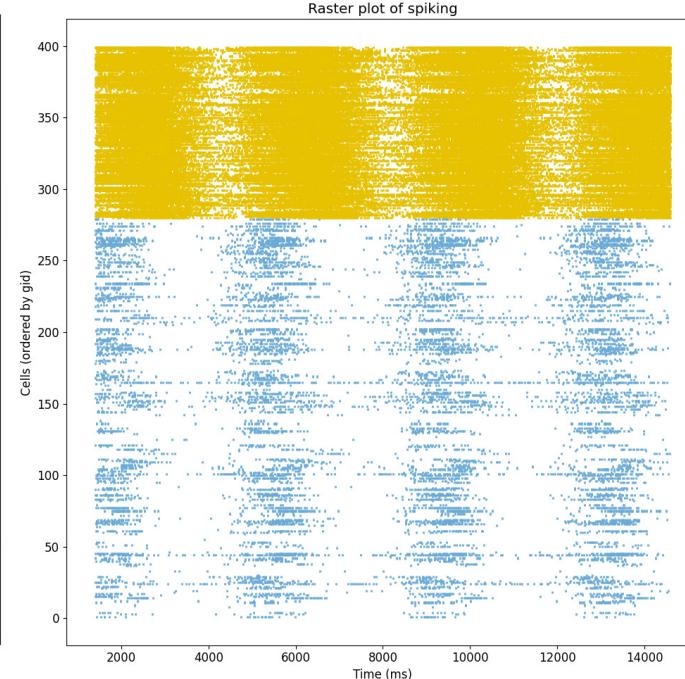
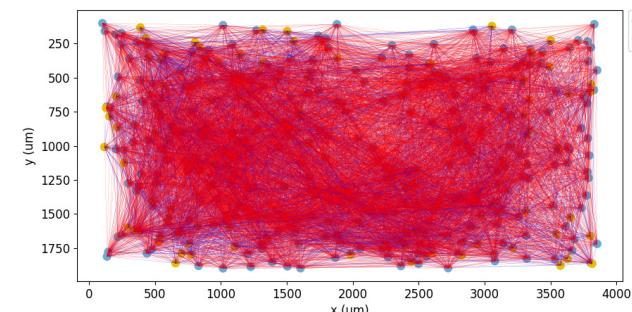


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_12_data.json
SimLabel	gen_0_cand_12
Generation Rank	6/118

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_oscி	{'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': 8228.53813780273, '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': 3.7333333333333334, 'Fit': 1.0004568945314503}
baseline_fitness	{'Value': 5574.259460854539, 'Fit': 1000}
slopeFitness	{'Value': 0.8661117997383281, 'Fit': 2.371717288429145}
thresh	{'Value': 5785.859804154616, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 88.0794701986755, 'Fit': 16.83671845754203}
E_rate_fitness	{'Value': 0.8849206349206349, 'Fit': 1.0075825714157556}
I_rate_fitness	{'Value': 18.416666666666664, 'Fit': 1000}
maxFitness	1000
average_fitness	585.1989319608994
average_scaled_fitness	0.5847835257765395

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

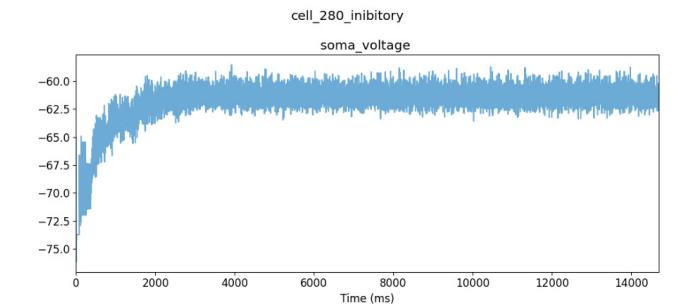
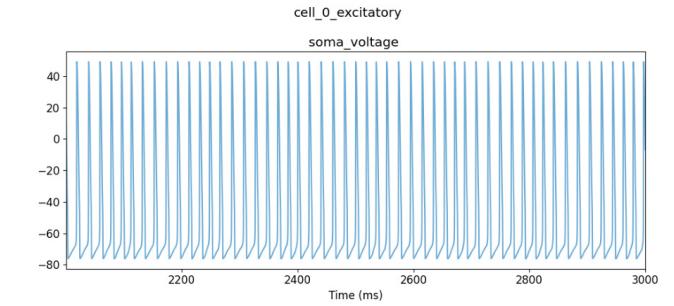
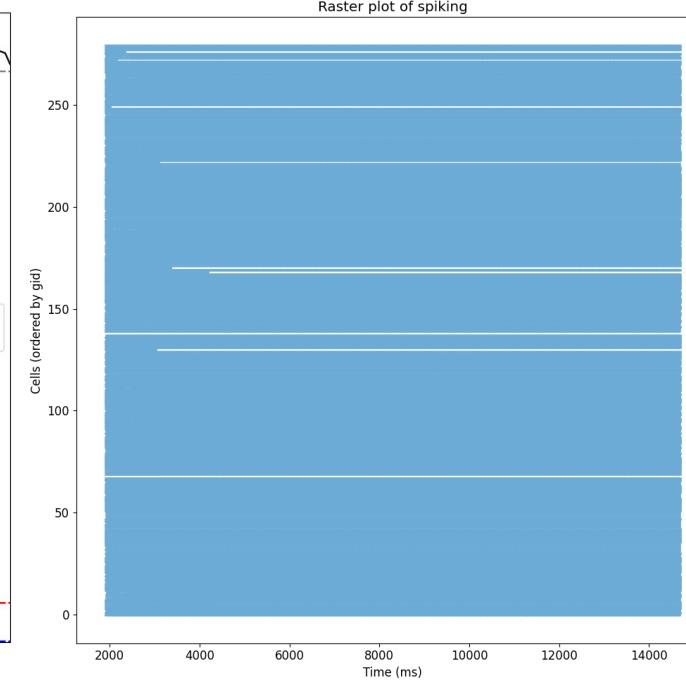
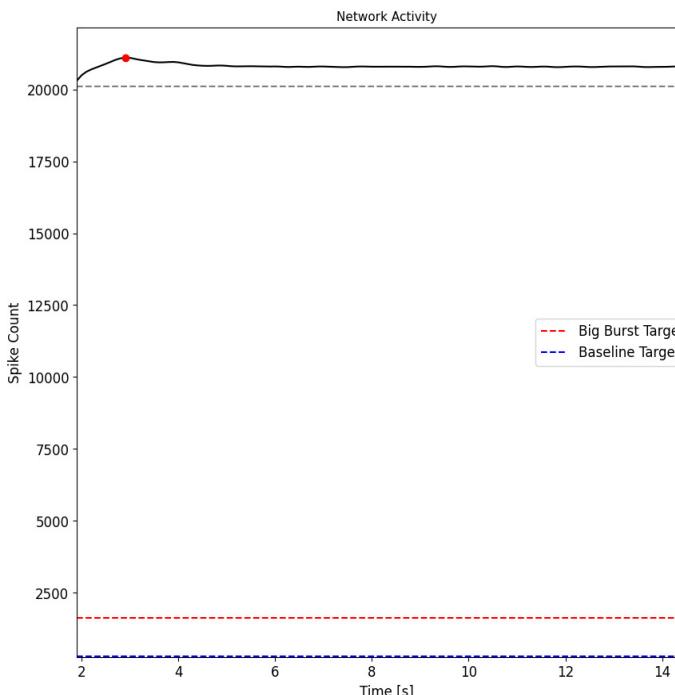
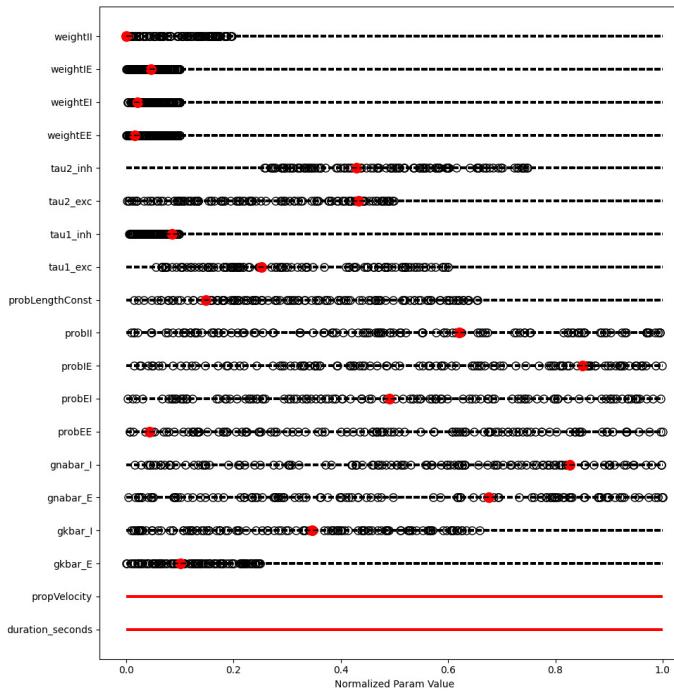
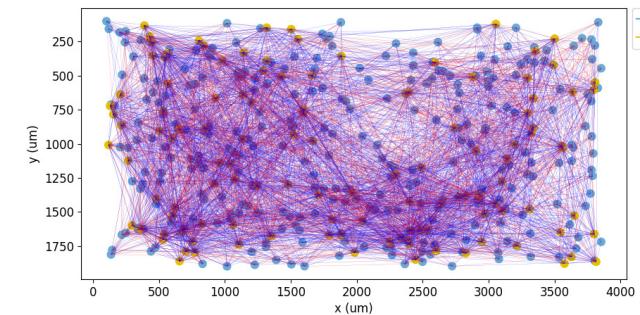


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_14_data.json
SimLabel	gen_0_cand_14
Generation Rank	20/118

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': 21103.793048326123, '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': 20807.8532420203, 'Fit': 1000}
slopeFitness	{'Value': -0.8474559531111161, 'Fit': 2.339537980911824}
thresh	{'Value': 20113.506156370684, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 85.43046357615894, 'Fit': 238.07095188332525}
E_rate_fitness	{'Value': 45.69444444444444, 'Fit': 1000}
I_rate_fitness	{'Value': 4.342592592592593, 'Fit': 1.4446578676063597}
maxFitness	1000
average_fitness	686.9087226178575
average_scaled_fitness	0.6865797806751188

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

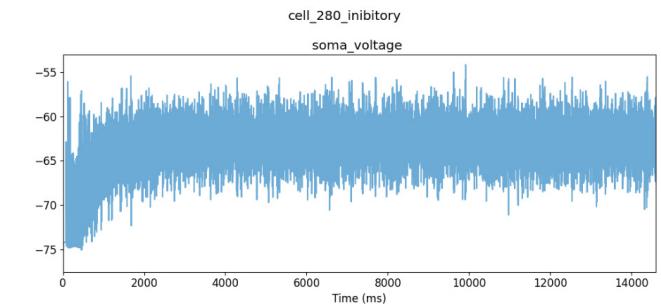
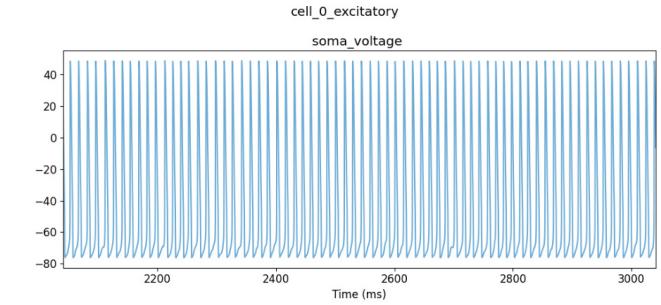
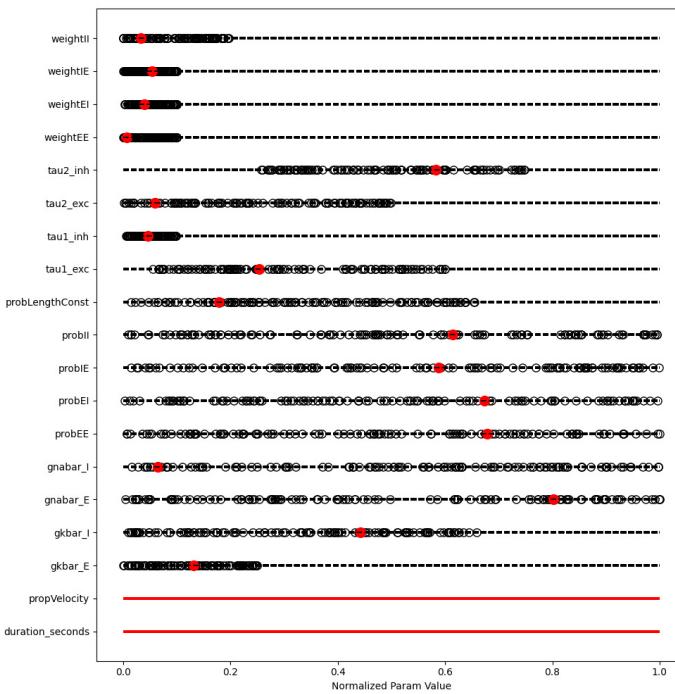
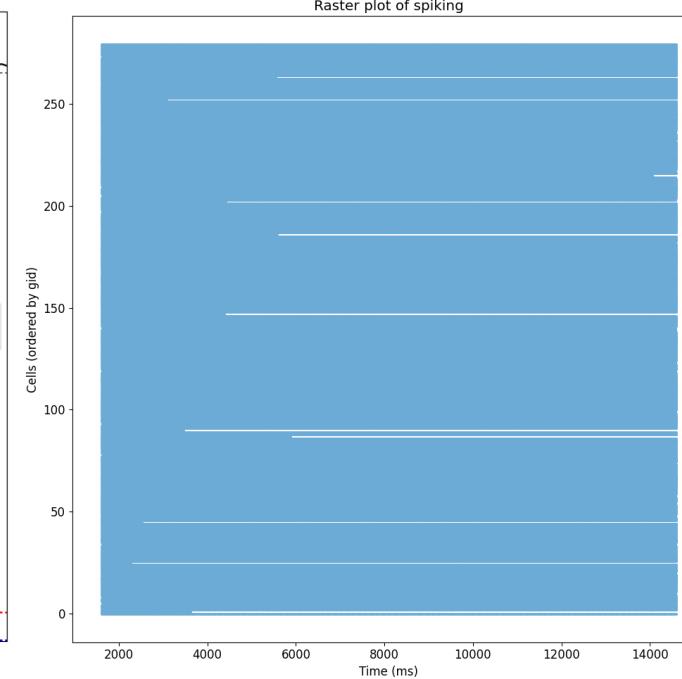
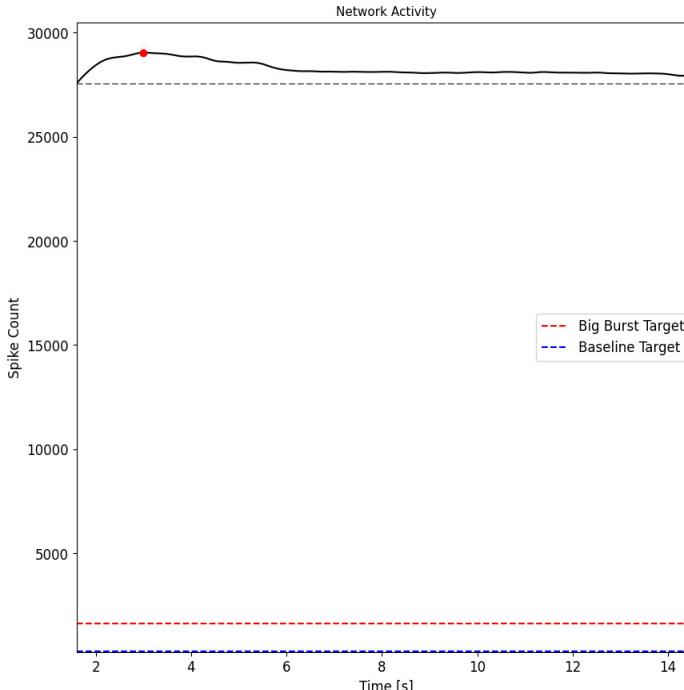
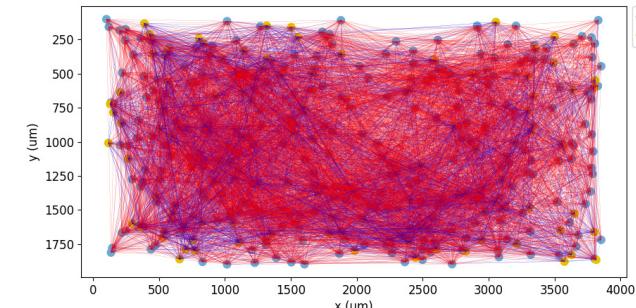


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_15_data.json
SimLabel	gen_0_cand_15
Generation Rank	26/118

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': 29047.212411325774, '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': 28276.318044546104, 'Fit': 1000}
slopeFitness	{'Value': -6.4019644269578375, 'Fit': 604.5364340784158}
thresh	{'Value': 27534.078717924738, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 86.75496688741721, 'Fit': 63.3114017360115}
E_rate_fitness	{'Value': 73.10714285714286, 'Fit': 1000}
I_rate_fitness	{'Value': 0.0, 'Fit': 1000}
maxFitness	1000
average_fitness	805.7414058829937
average_scaled_fitness	0.8055374078601387

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

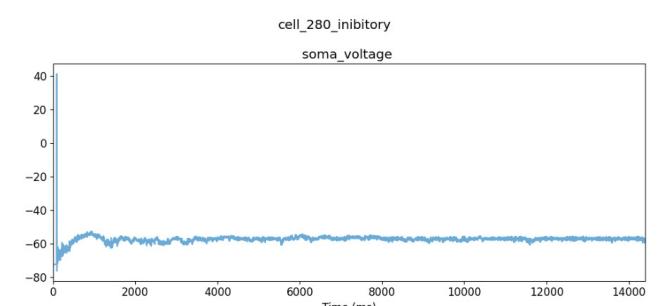
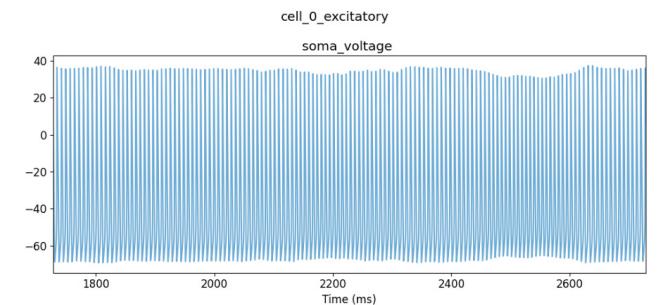
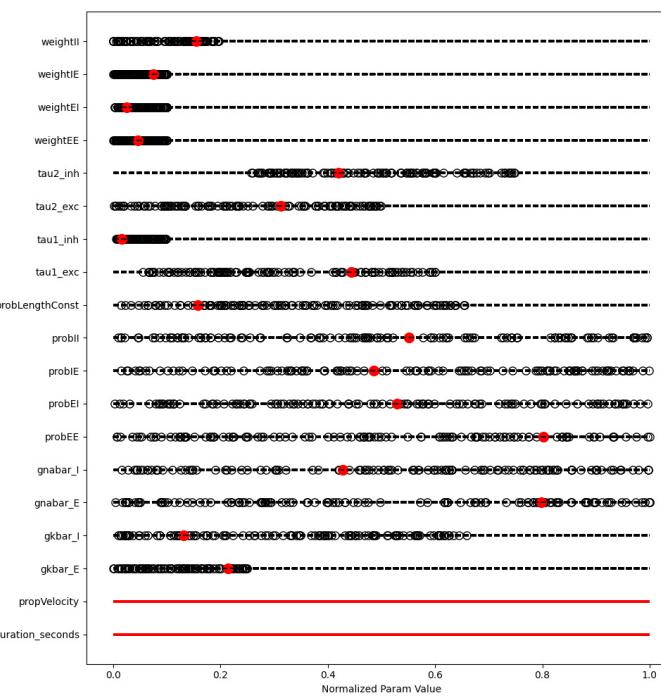
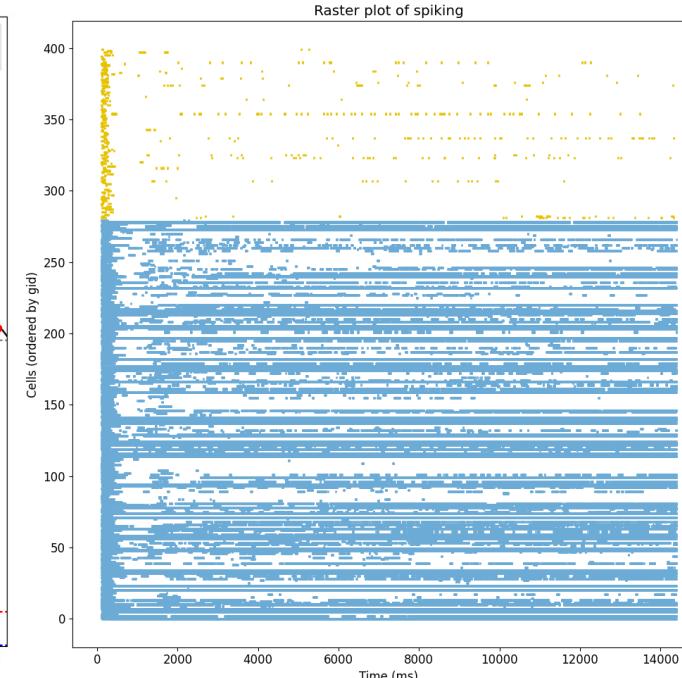
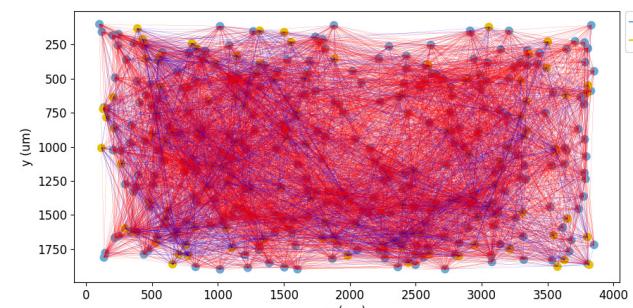


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_20_data.json
SimLabel	gen_0_cand_20
Generation Rank	14/118

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': 13946.531907669152, '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': 0.625, 'Fit': 1.6630218909208074}
IBI_fitness	{'Value': 1.7375000000000003, 'Fit': 1.00006372932767886}
baseline_fitness	{'Value': 12334.054234315863, 'Fit': 1000}
slopeFitness	{'Value': -6.353485504521311, 'Fit': 575.9282098380488}
thresh	{'Value': 12382.96507137371, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 95.36423841059603, 'Fit': 86.59188357614293}
E_rate_fitness	{'Value': 58.38492063492063, 'Fit': 1000}
I_rate_fitness	{'Value': 3.8425925925925926, 'Fit': 2.381838155206895}
maxFitness	1000
average_fitness	638.9637992294664
average_scaled_fitness	0.638602171084144

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

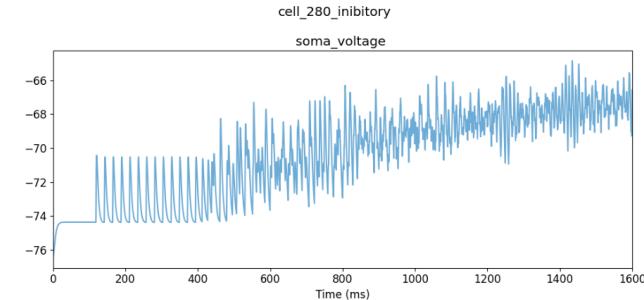
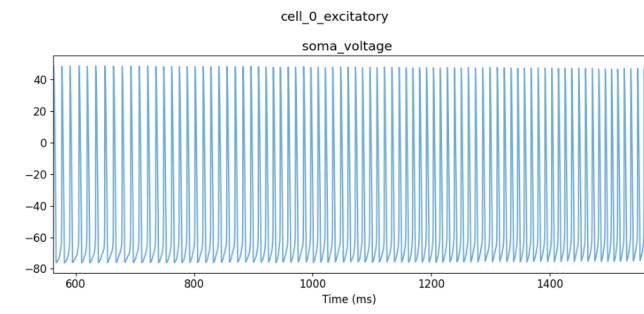
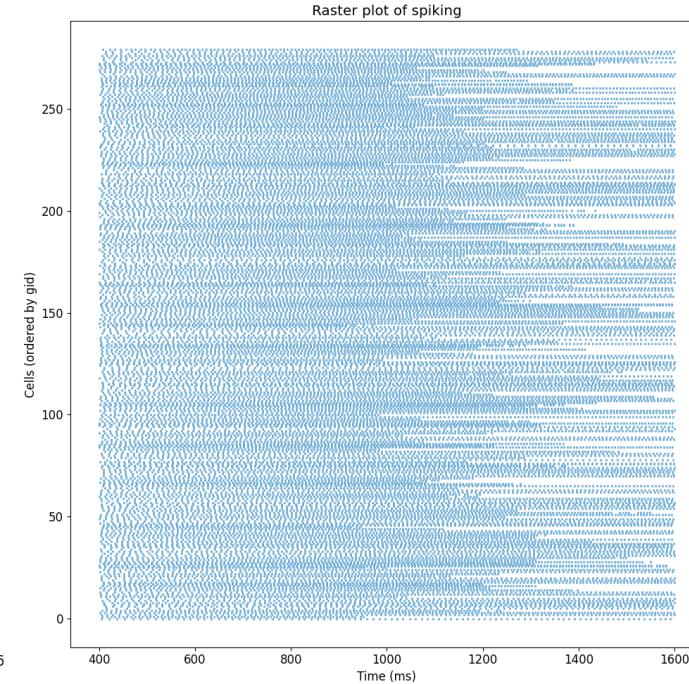
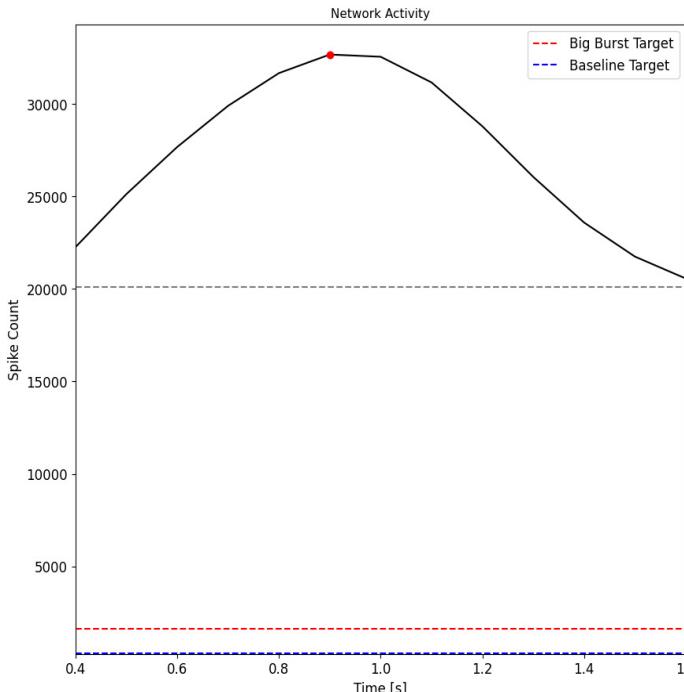
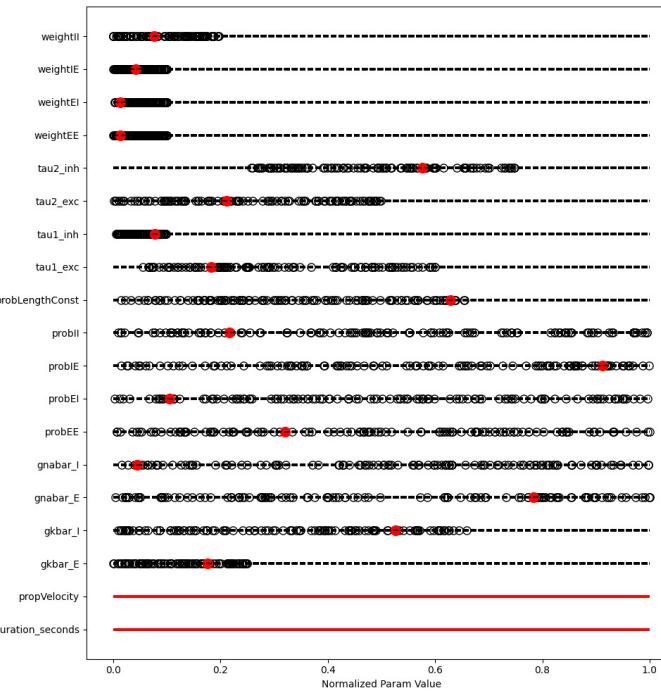
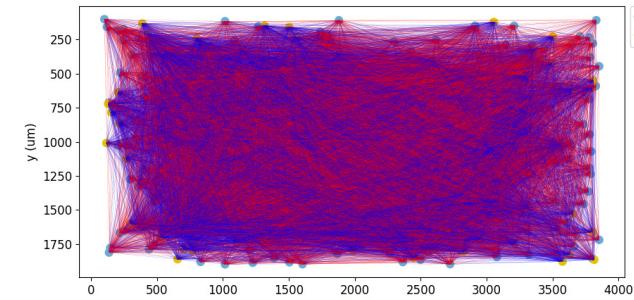


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_28_data.json
SimLabel	gen_0_cand_28
Generation Rank	30/118

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': 4.87736666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 32671.4723668556, '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': 0.625, 'Fit': 1.6630218909208074}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 27211.150311127254, 'Fit': 1000}
slopeFitness	{'Value': -341.8100076149304, 'Fit': 1000}
thresh	{'Value': 20114.796584782256, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 8.609271523178808, 'Fit': 1000}
E_rate_fitness	{'Value': 91.72222222222221, 'Fit': 1000}
I_rate_fitness	{'Value': 0.0, 'Fit': 1000}
maxFitness	1000
average_fitness	916.8052518242434
average_scaled_fitness	0.9166666666666666

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

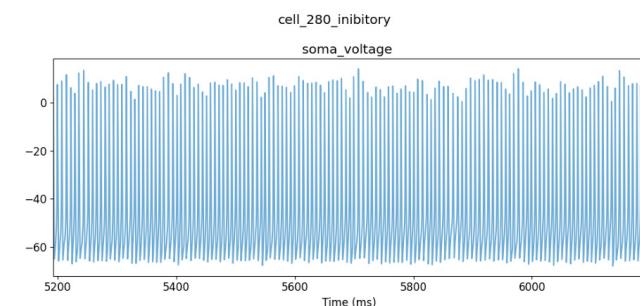
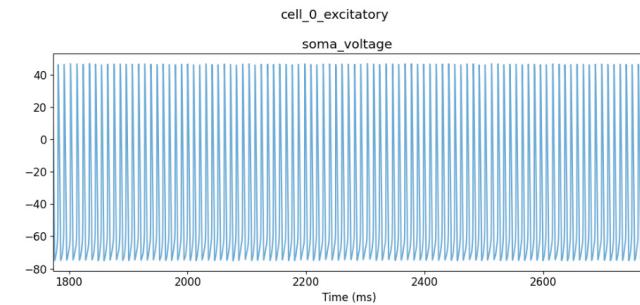
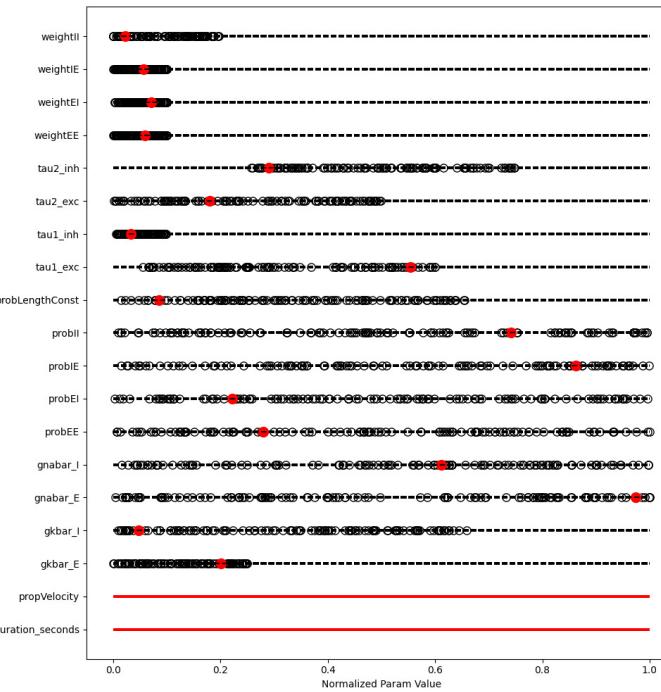
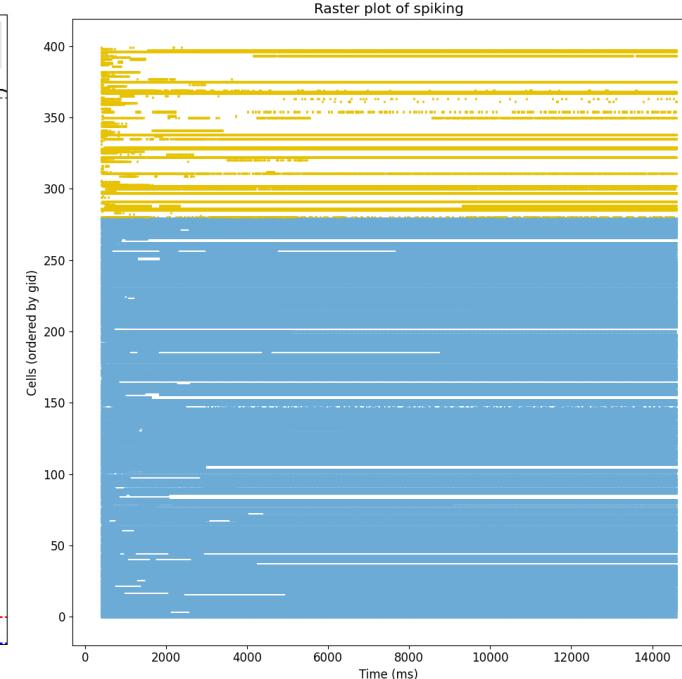
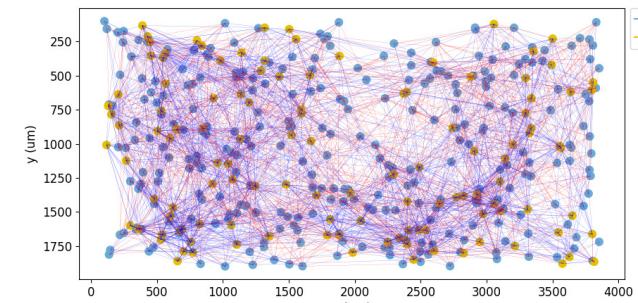


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_36_data.json
SimLabel	gen_0_cand_36
Generation Rank	18/118

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': 28512.09281624051, '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': 3.7666666666666667, 'Fit': 1.0004538884957552}
baseline_fitness	{'Value': 27939.631871624566, 'Fit': 1000}
slopeFitness	{'Value': -2.110465210909092, 'Fit': 8.27271478008866}
thresh	{'Value': 27615.64064198457, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.70198675496688, 'Fit': 44.654470808871295}
E_rate_fitness	{'Value': 89.02777777777777, 'Fit': 1000}
I_rate_fitness	{'Value': 28.84259259259259, 'Fit': 1000}
maxFitness	1000
average_fitness	671.2581956496942
average_scaled_fitness	0.6709289752634051

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

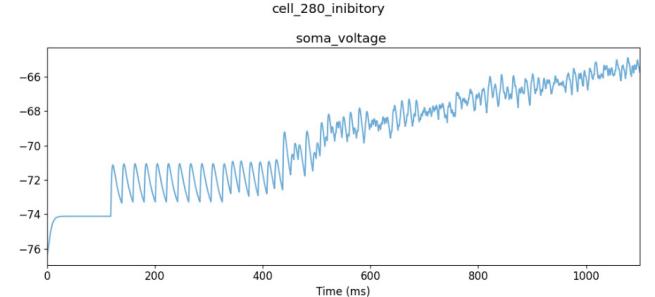
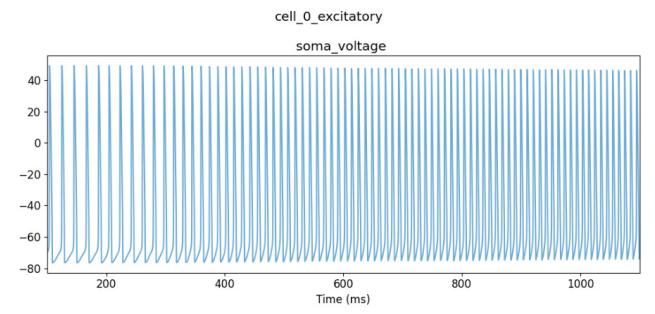
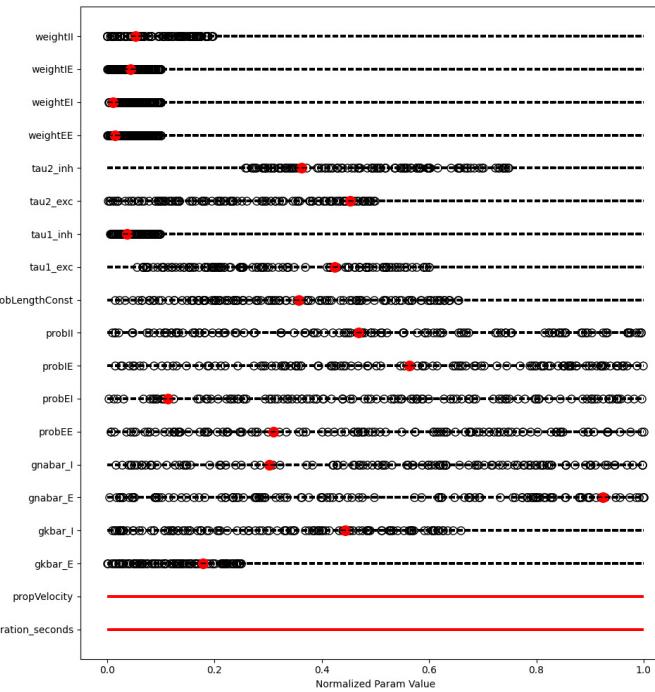
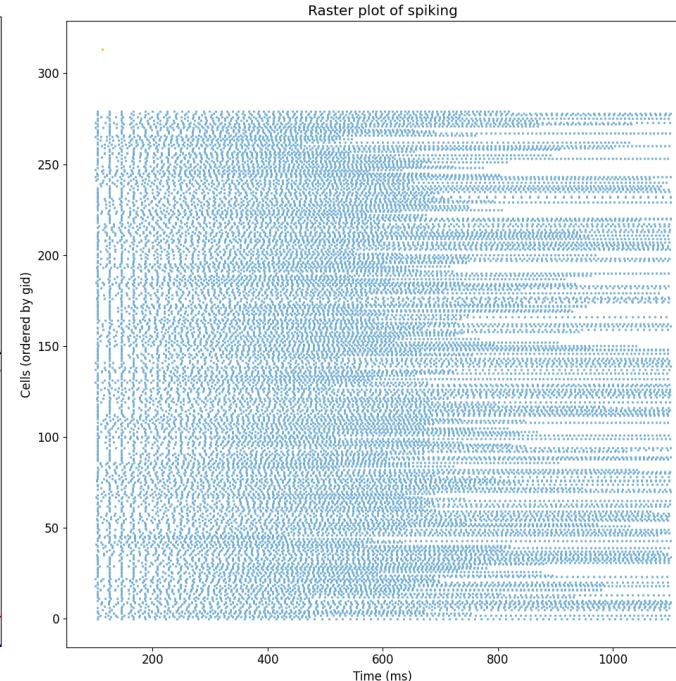
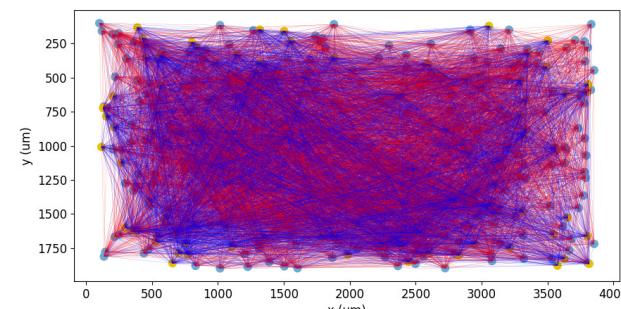


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_43_data.json
SimLabel	gen_0_cand_43
Generation Rank	33/118

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': 28256.035817103668, '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': 21405.073981773316, 'Fit': 1000}
slopeFitness	{'Value': -497.65993948672565, 'Fit': 1000}
thresh	{'Value': 13133.271190992615, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 7.28476821192053, 'Fit': 1000}
E_rate_fitness	{'Value': 85.67460317460318, 'Fit': 1000}
I_rate_fitness	{'Value': 0.009259259259259259, 'Fit': 1000}
maxFitness	1000
average_fitness	916.8507844909285
average_scaled_fitness	0.9166666666666666

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

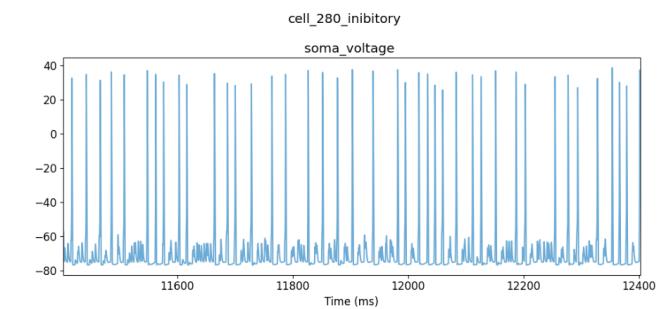
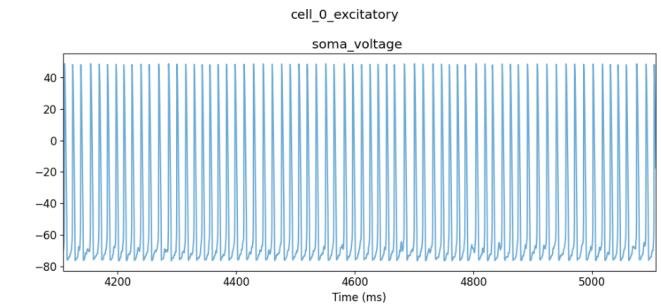
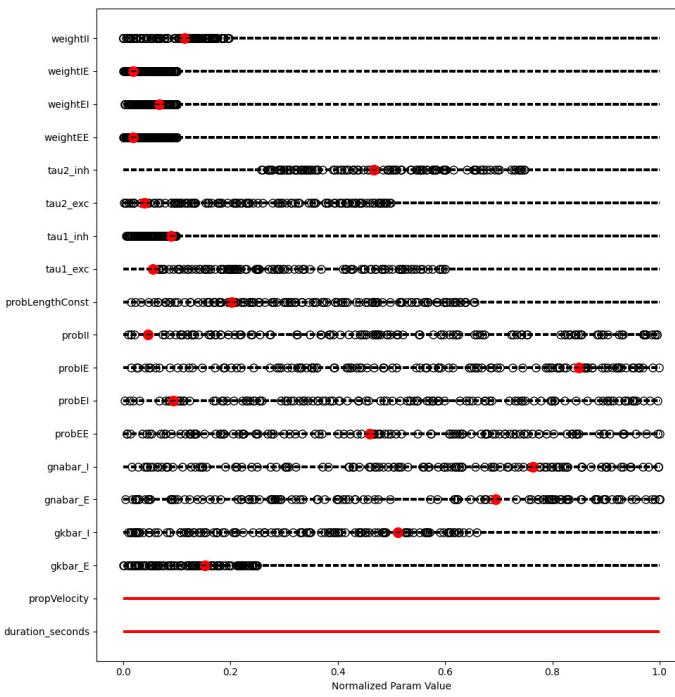
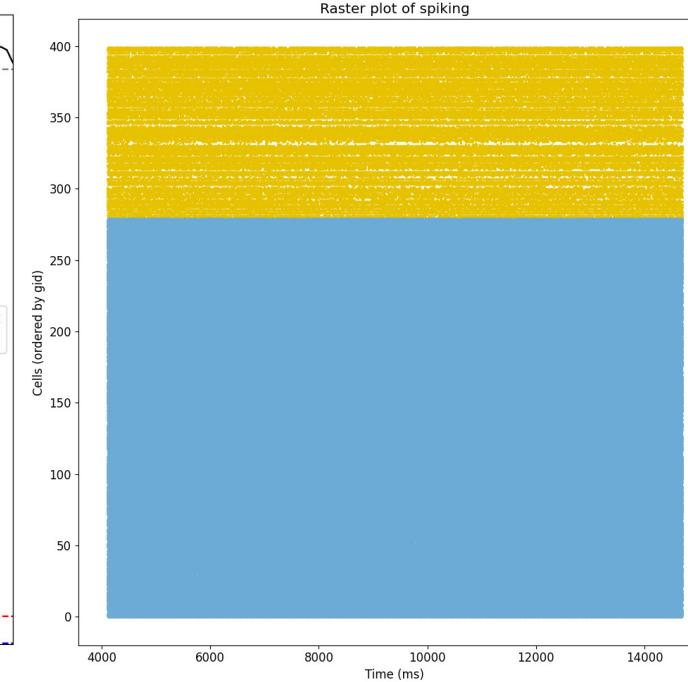
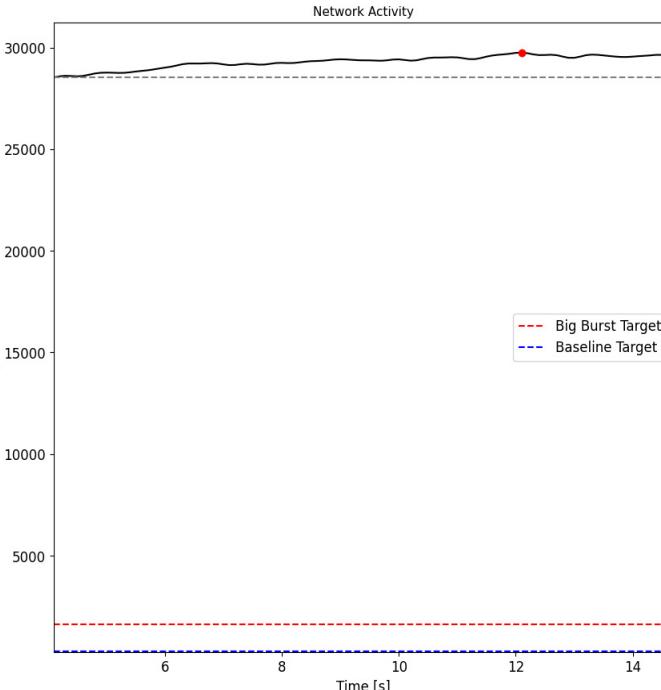
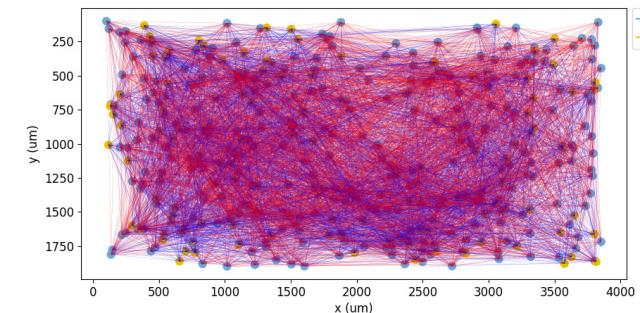


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_54_data.json
SimLabel	gen_0_cand_54
Generation Rank	29/118

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': 29750.842199069164, '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': 29291.367782290825, 'Fit': 1000}
slopeFitness	{'Value': 8.96849872160692, 'Fit': 1000}
thresh	{'Value': 28522.635451131595, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 70.86092715231787, 'Fit': 1000}
E_rate_fitness	{'Value': 68.64682539682539, 'Fit': 1000}
I_rate_fitness	{'Value': 41.72222222222222, 'Fit': 1000}
maxFitness	1000
average_fitness	916.7541269735372
average_scaled_fitness	0.9166666666666666

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

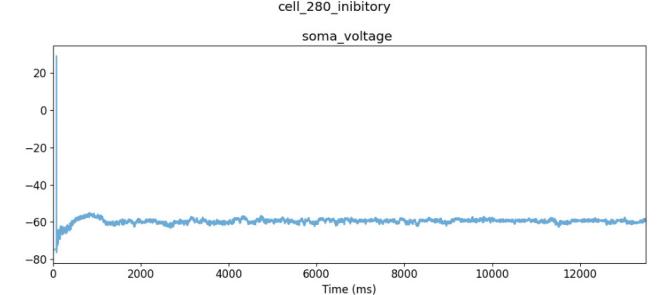
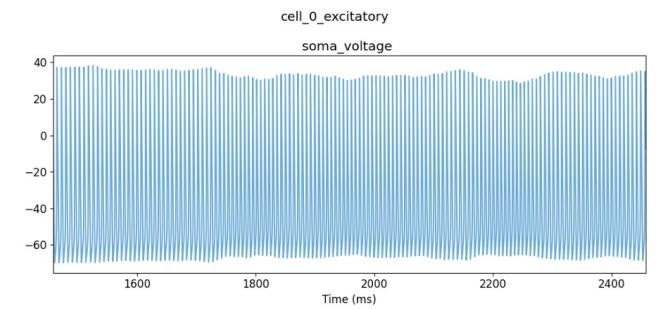
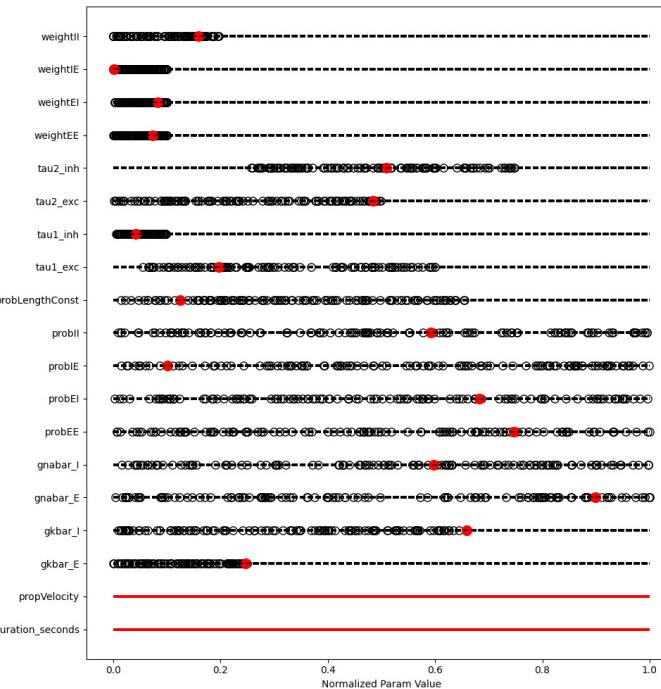
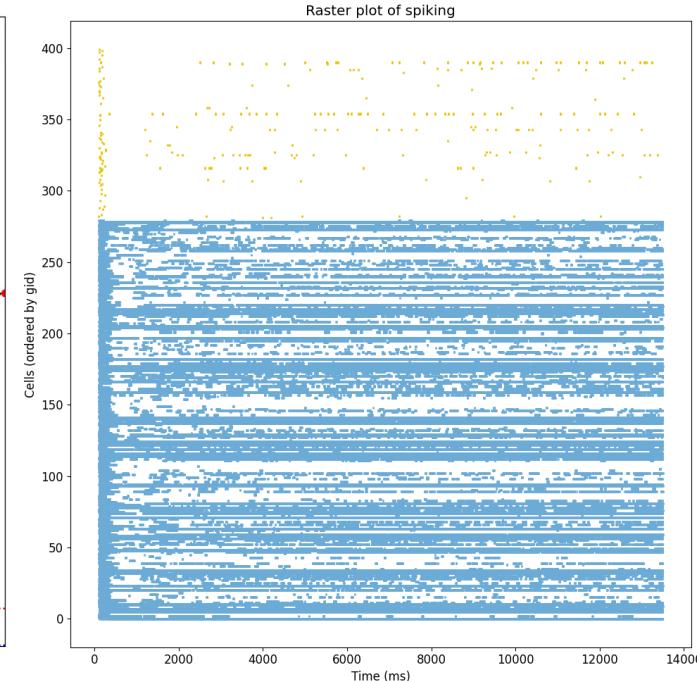
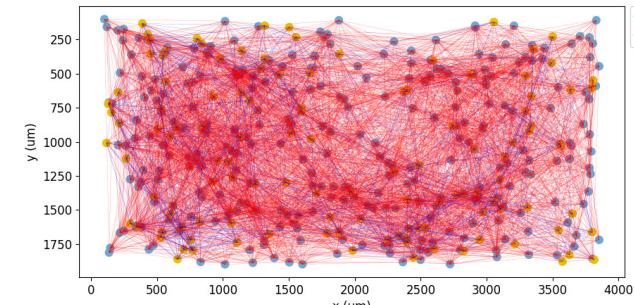


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_59_data.json
SimLabel	gen_0_cand_59
Generation Rank	22/118

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': 14005.881025465294, 'Fit': 1000.0}
numBig_Fitness	{'Value': 11, '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': 0.8148148148148148, 'Fit': 2.0106361779801714}
IBI_fitness	{'Value': 1.3199999999999998, 'Fit': 1.00006750262693056}
baseline_fitness	{'Value': 12990.17350044108, 'Fit': 1000}
slopeFitness	{'Value': -6.0749720947607715, 'Fit': 435.92473725338596}
thresh	{'Value': 12970.525368115, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 89.40397350993378, 'Fit': 4.477472945561019}
E_rate_fitness	{'Value': 56.992063492063494, 'Fit': 1000}
I_rate_fitness	{'Value': 0.5462962962962963, 'Fit': 1000}
maxFitness	1000
average_fitness	703.6177934502663
average_scaled_fitness	0.703320914098188

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

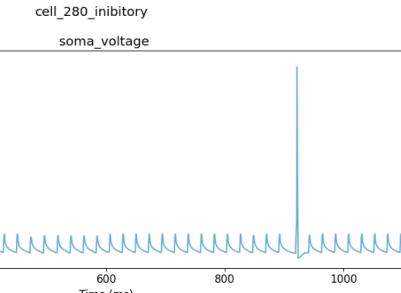
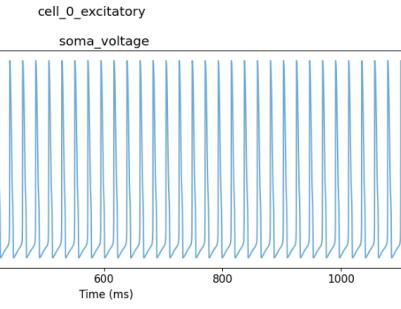
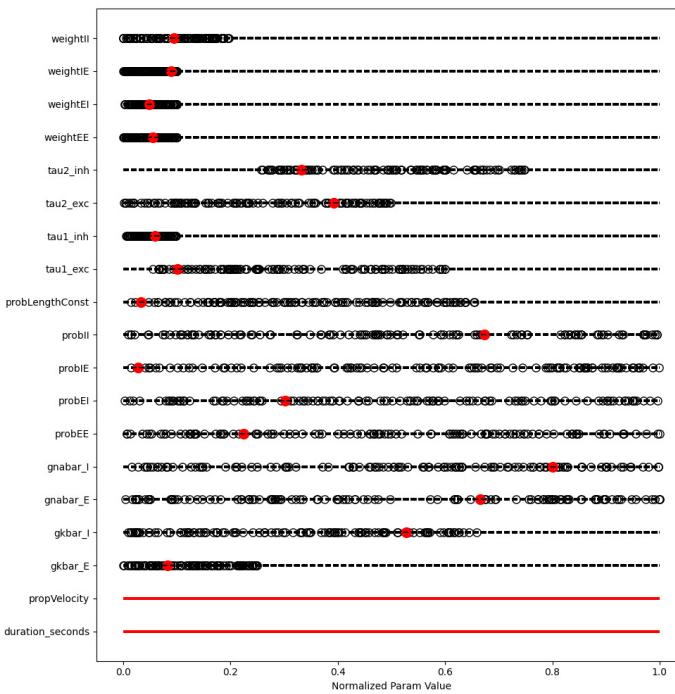
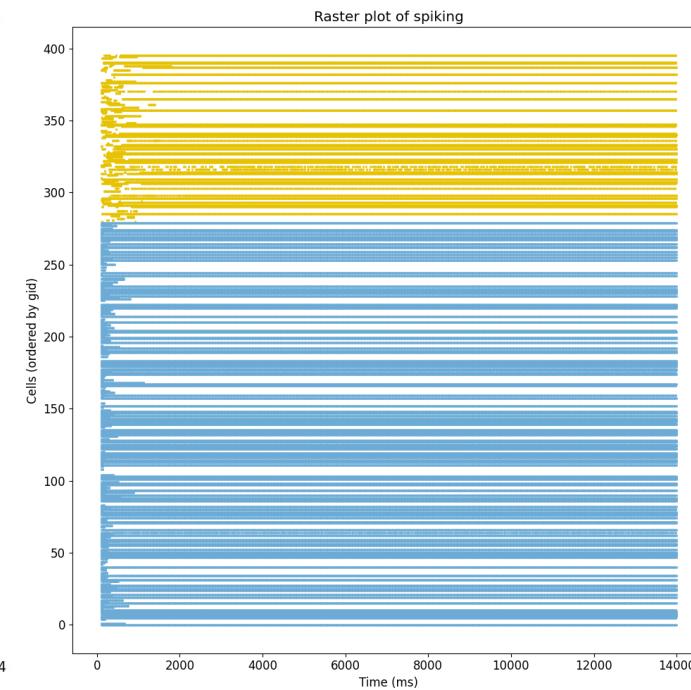
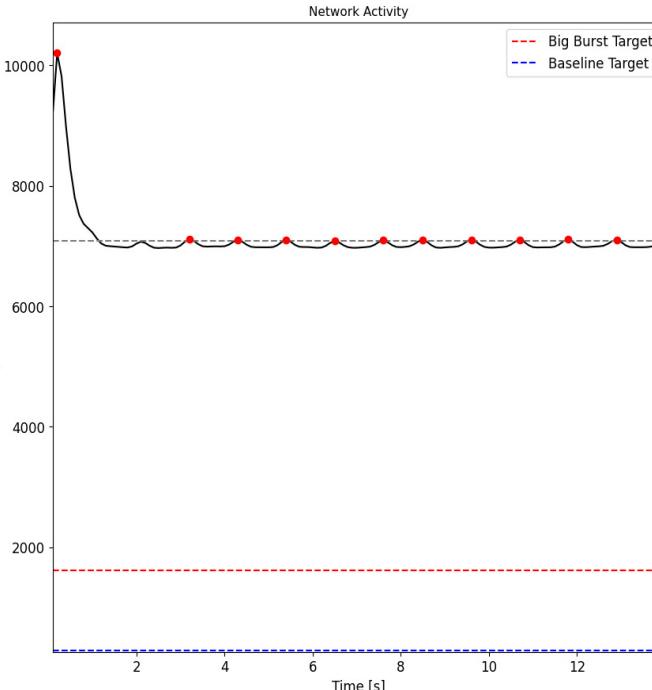


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_62_data.json
SimLabel	gen_0_cand_62
Generation Rank	19/118

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': 7359.317896233567, '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': 0.8571428571428571, 'Fit': 2.0975693474747996}
IBI_fitness	{'Value': 1.2545454545454544, 'Fit': 1.00006809425268912}
baseline_fitness	{'Value': 7112.466057420154, 'Fit': 1000}
slopeFitness	{'Value': -3.9170901485361815, 'Fit': 50.37966700546198}
thresh	{'Value': 7081.543622971828, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 92.71523178807946, 'Fit': 6.12390194161218}
E_rate_fitness	{'Value': 24.373015873015873, 'Fit': 1000}
I_rate_fitness	{'Value': 14.777777777777779, 'Fit': 1000}
maxFitness	1000
average_fitness	671.633484936423
average_scaled_fitness	0.6713045656794027

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

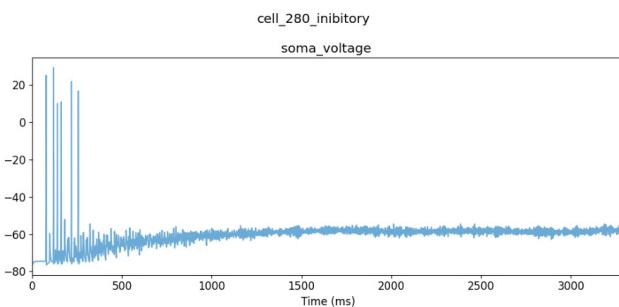
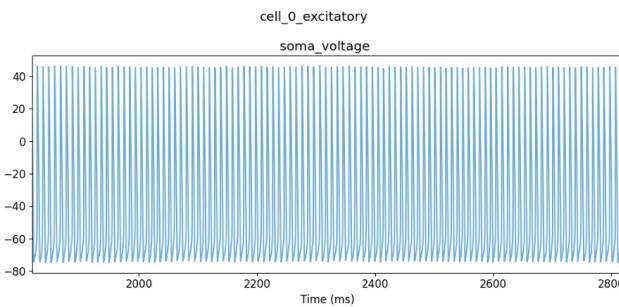
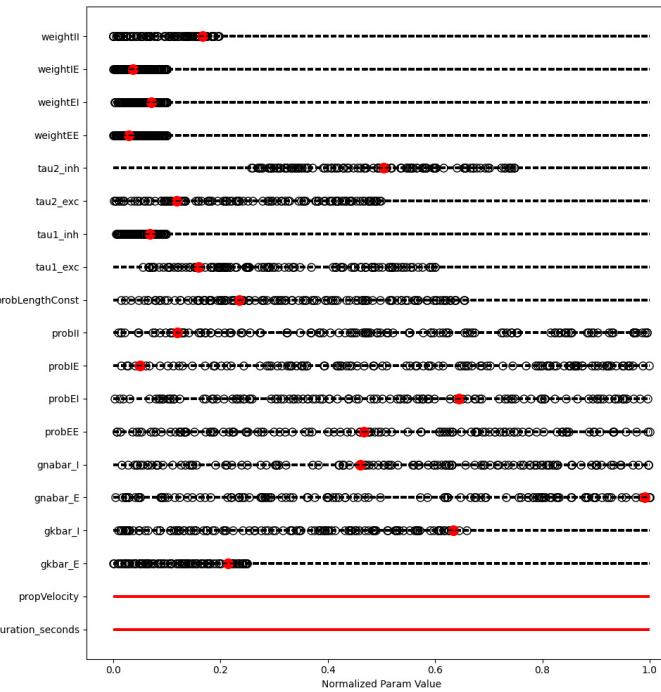
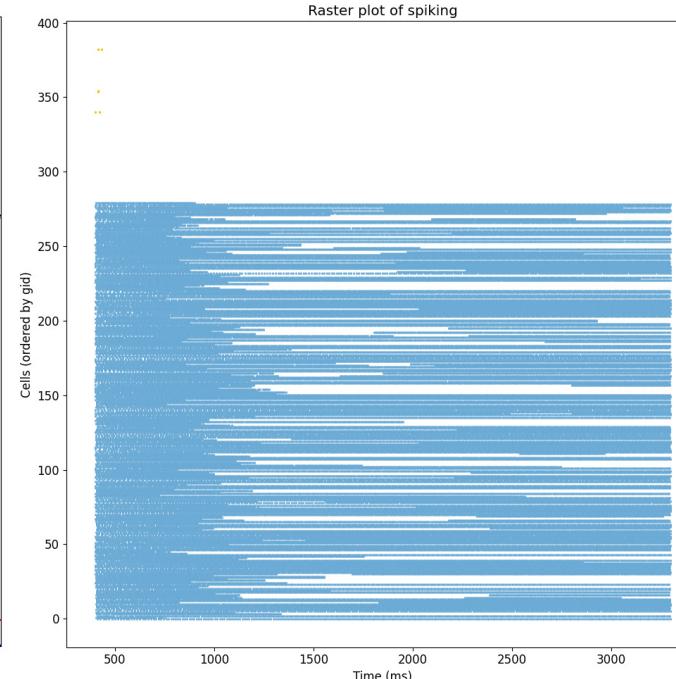
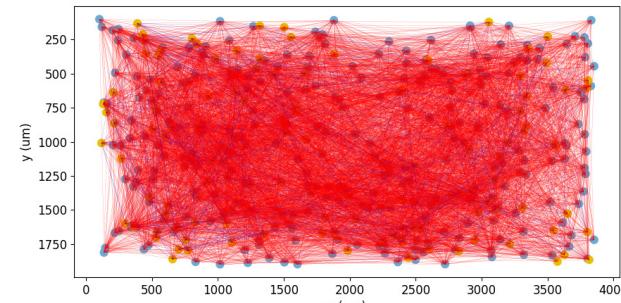


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_65_data.json
SimLabel	gen_0_cand_65
Generation Rank	23/118

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': 27366.39489277039, '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': 0.606060606060606, 'Fit': 1.631821653614683}
IBI_fitness	{'Value': 1.8, 'Fit': 1.0006316357122396}
baseline_fitness	{'Value': 24088.03676400923, 'Fit': 1000}
slopeFitness	{'Value': -206.24039886600661, 'Fit': 1000}
thresh	{'Value': 22314.475479454413, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 19.867549668874172, 'Fit': 1000}
E_rate_fitness	{'Value': 95.69444444444444, 'Fit': 1000}
I_rate_fitness	{'Value': 4.6666666666666667, 'Fit': 1.0447717595351538}
maxFitness	1000
average_fitness	750.3064354207385
average_scaled_fitness	0.7500563338812741

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

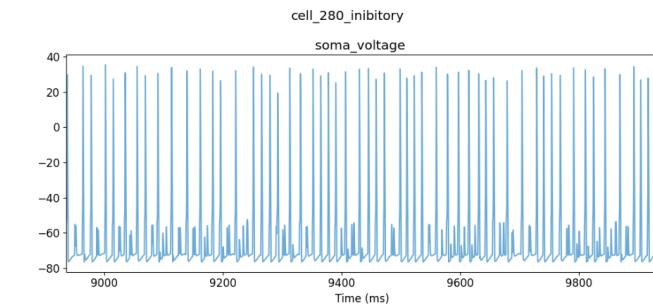
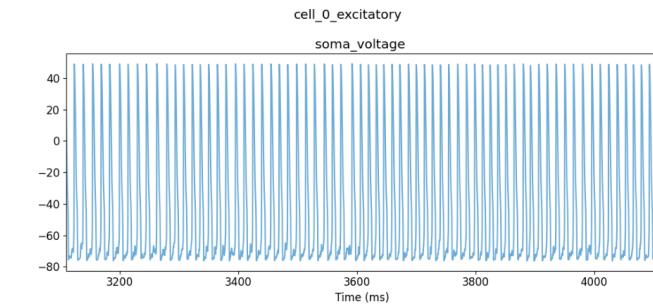
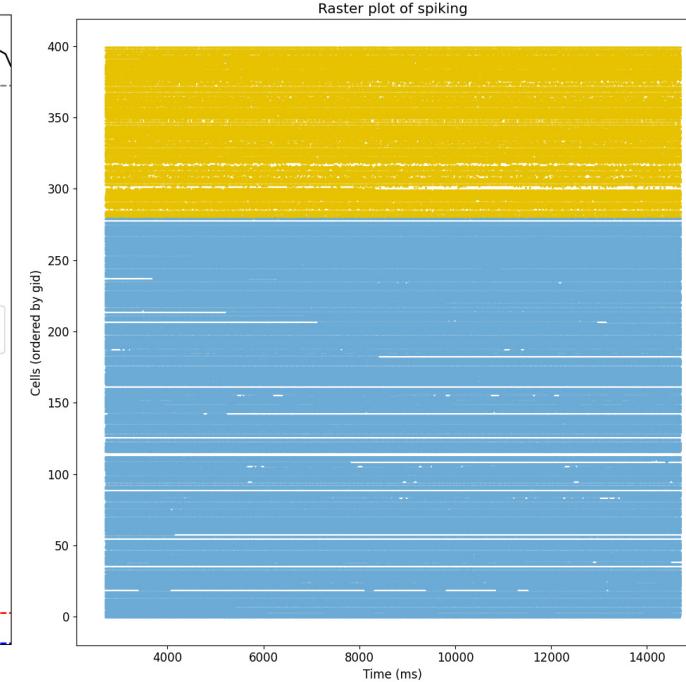
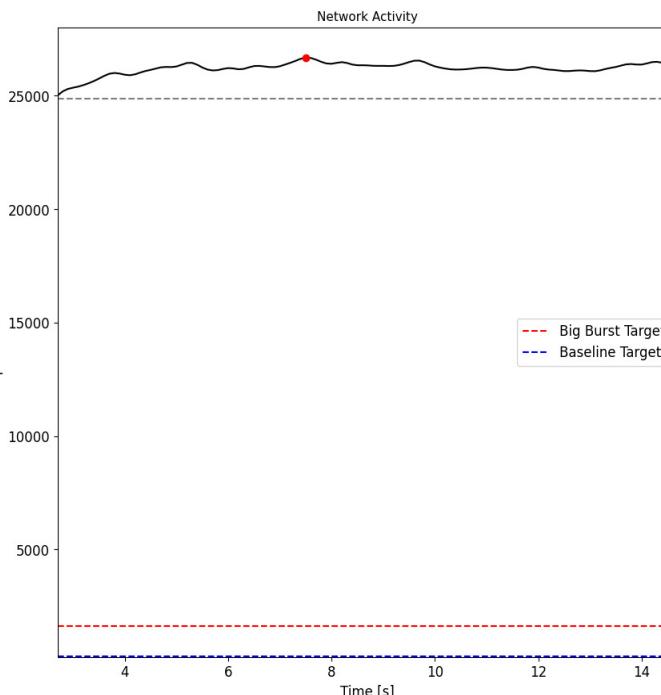
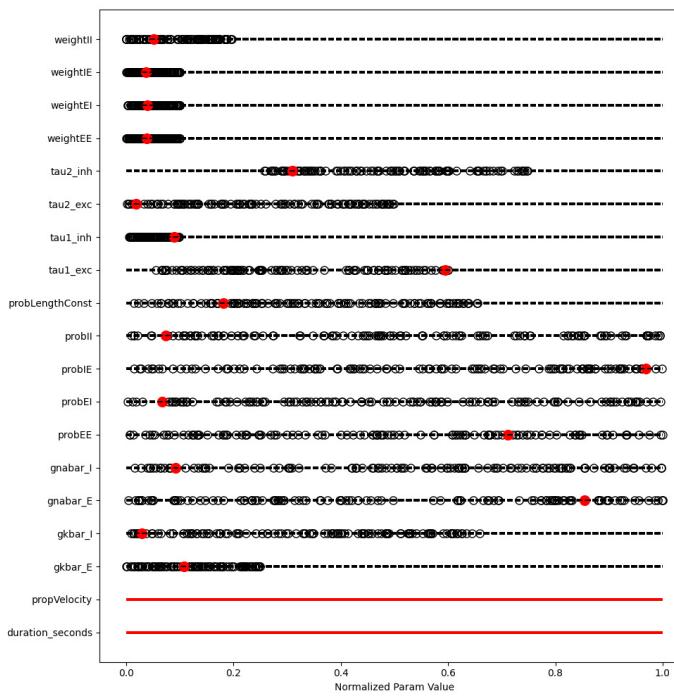
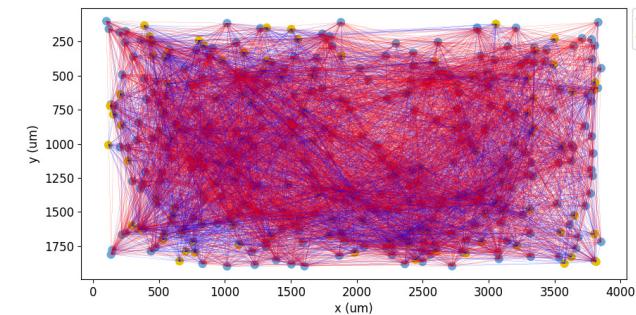


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_87/data.json
SimLabel	gen_0_cand_87
Generation Rank	28/118

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': 26671.73545753018, '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': 26189.682593818517, 'Fit': 1000}
slopeFitness	{'Value': 3.2958072053065286, 'Fit': 26.931852464603264}
thresh	{'Value': 24858.504420722053, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 80.13245033112582, 'Fit': 1000}
E_rate_fitness	{'Value': 33.46825396825397, 'Fit': 1000}
I_rate_fitness	{'Value': 33.31481481481482, 'Fit': 1000}
maxFitness	1000
average_fitness	835.6651146789208
average_scaled_fitness	0.8354924601198758

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

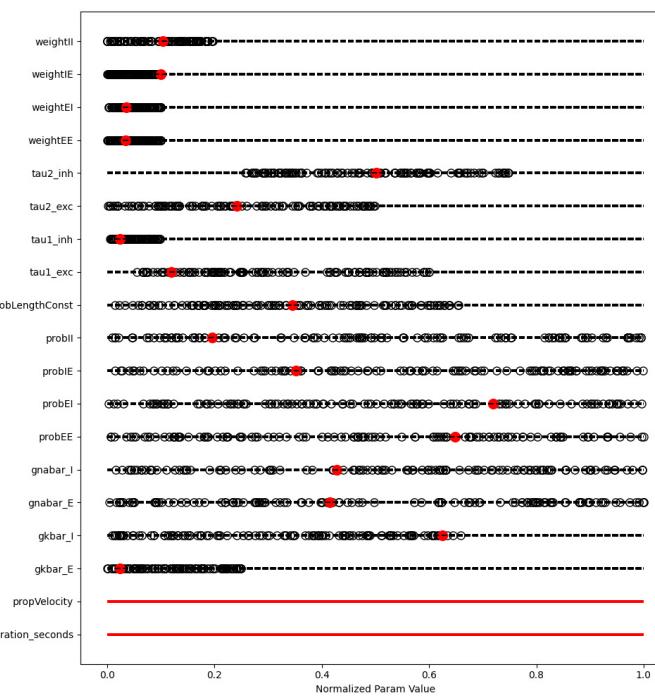
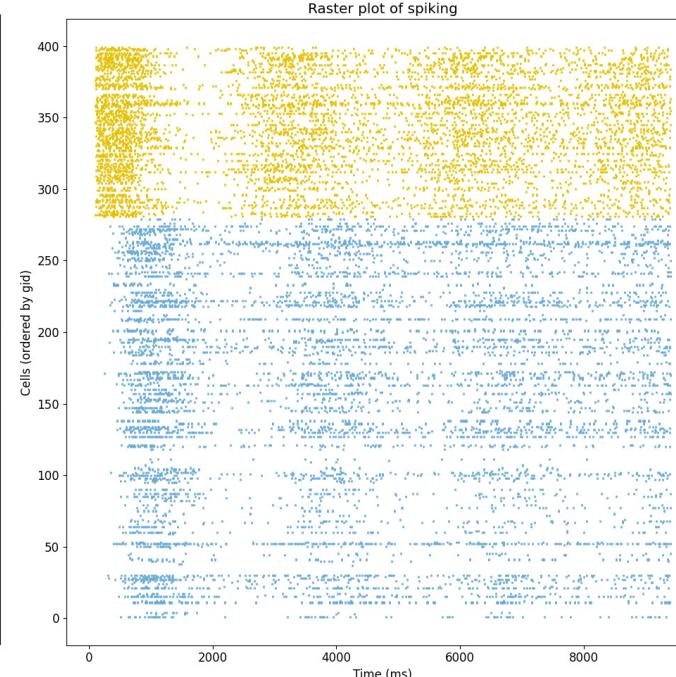
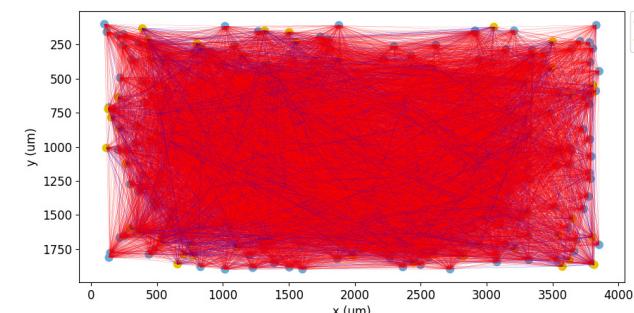


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_91/data.json
SimLabel	gen_0_cand_91
Generation Rank	15/118

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}}

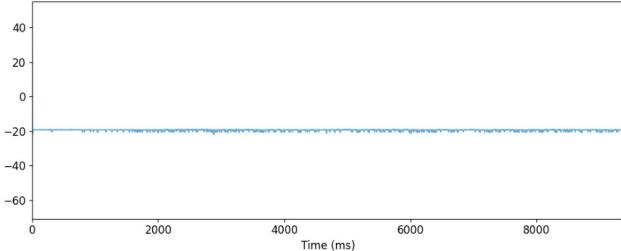
Metric	Value
BigBurstVal_Fitness	{'Value': 1870.5917157550684, 'Fit': 250.7502637907993}
numBig_Fitness	{'Value': 4, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.425531914893617, 'Fit': 1.362291595643166}
IBI_fitness	{'Value': 2.8000000000000007, 'Fit': 1.0005412485814722}
baseline_fitness	{'Value': 1299.6835062178318, 'Fit': 1000}
slopeFitness	{'Value': -6.509775441892525, 'Fit': 673.355185290046}
thresh	{'Value': 1311.3940318853745, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 62.251655629139066, 'Fit': 1000}
E_rate_fitness	{'Value': 3.2698412698412698, 'Fit': 10.940533952282905}
I_rate_fitness	{'Value': 11.5, 'Fit': 888.5002097795784}
maxFitness	1000
average_fitness	652.159085471411
average_scaled_fitness	0.6518107077221726

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



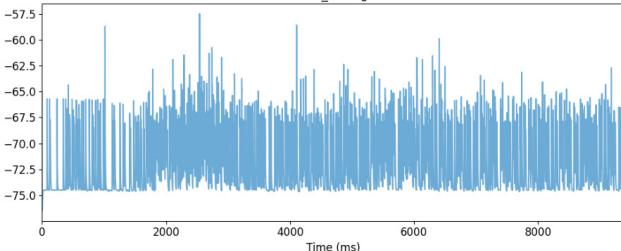
cell_0_excitatory

soma_voltage



cell_280_inhibitory

soma_voltage

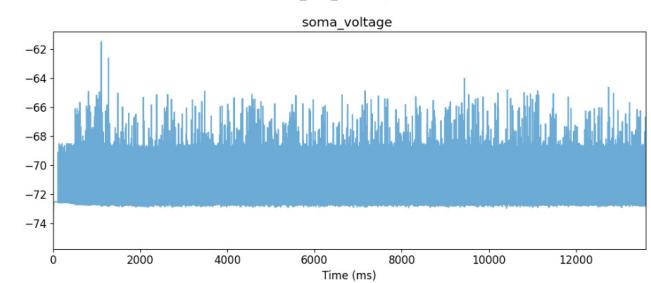
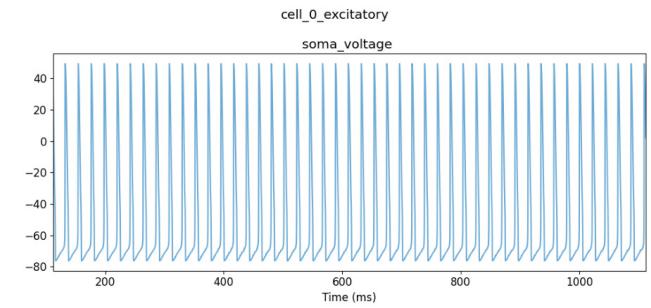
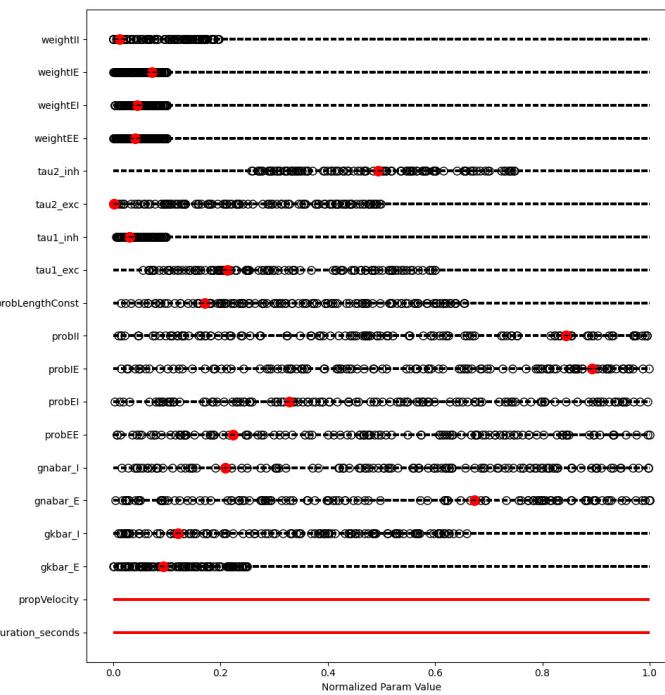
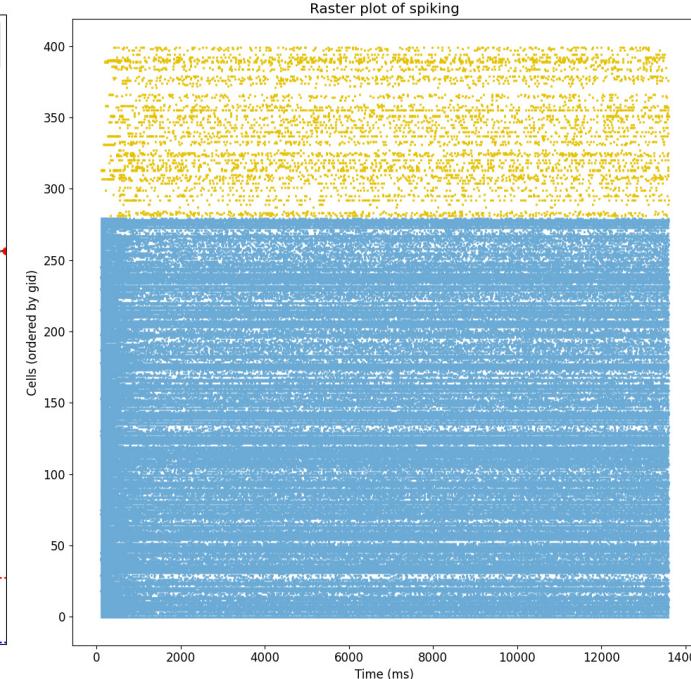
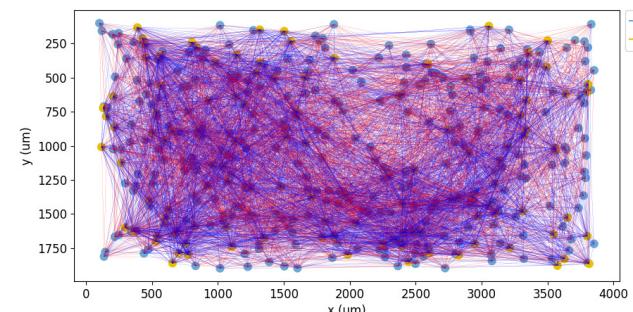


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_99_data.json
SimLabel	gen_0_cand_99
Generation Rank	17/118

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': 9675.702526398092, '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': 0.2205882352941176, 'Fit': 1.1098496979798331}
IBI_fitness	{'Value': 6.65, 'Fit': 1.0003117203766296}
baseline_fitness	{'Value': 8288.269845761793, 'Fit': 1000}
slopeFitness	{'Value': -9.73637104444316, 'Fit': 1000}
thresh	{'Value': 8265.696778083578, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 90.06622516556291, 'Fit': 2.308982974937318}
E_rate_fitness	{'Value': 40.38492063492063, 'Fit': 1000}
I_rate_fitness	{'Value': 3.4444444444444446, 'Fit': 3.5467109173201066}
maxFitness	1000
average_fitness	667.3304879425511
average_scaled_fitness	0.6669973815203699

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

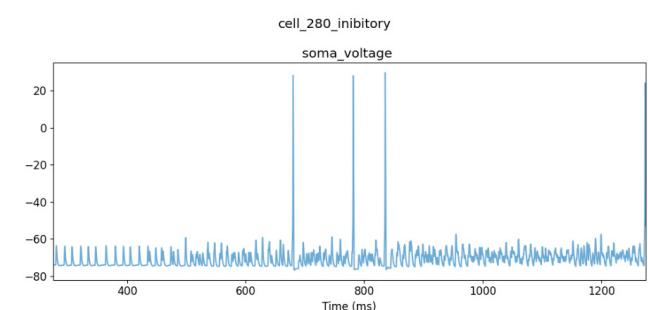
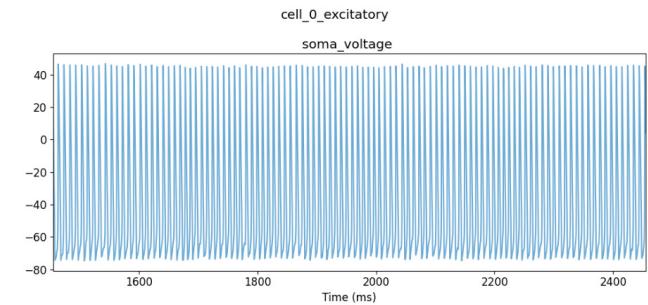
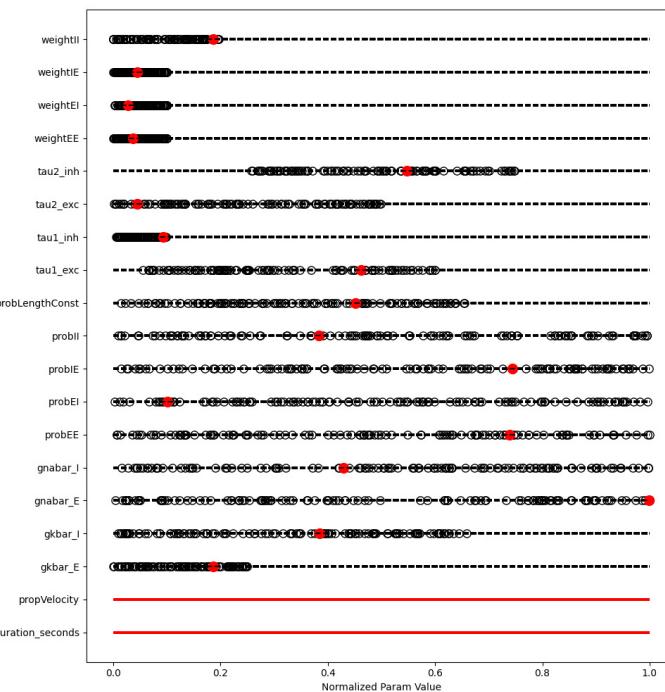
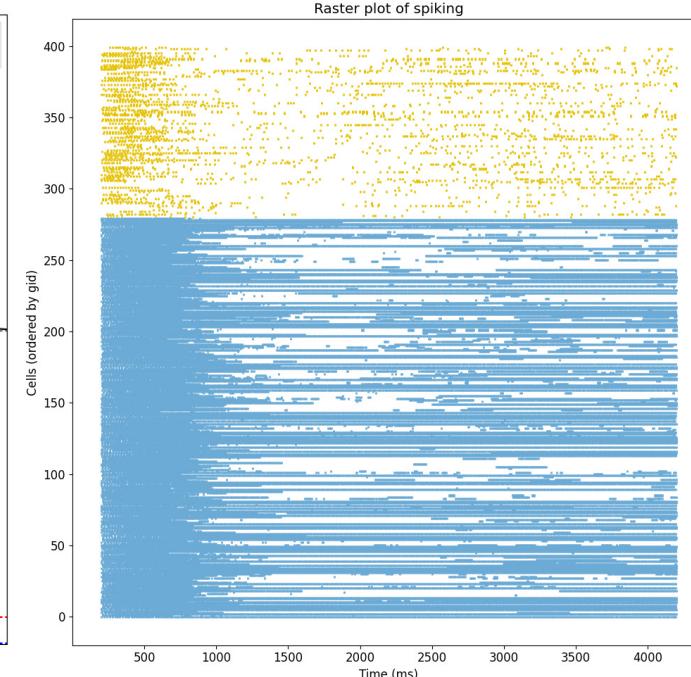
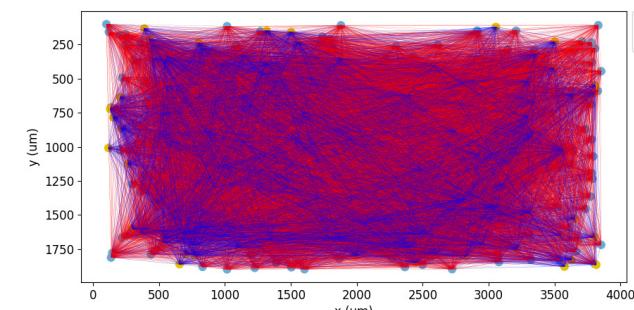


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_102_data.json
SimLabel	gen_0_cand_102
Generation Rank	27/118

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': 21283.698115122137, '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': 0.7142857142857143, 'Fit': 1.8183365105193132}
IBI_fitness	{'Value': 1.7500000000000002, 'Fit': 1.000636158236971}
baseline_fitness	{'Value': 17633.15611578962, 'Fit': 1000}
slopeFitness	{'Value': -261.32267506238514, 'Fit': 1000}
thresh	{'Value': 16158.294647306204, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 27.1523178807947, 'Fit': 1000}
E_rate_fitness	{'Value': 92.64682539682539, 'Fit': 1000}
I_rate_fitness	{'Value': 14.092592592592592, 'Fit': 1000}
maxFitness	1000
average_fitness	833.5682477223963
average_scaled_fitness	0.8334015432826986

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

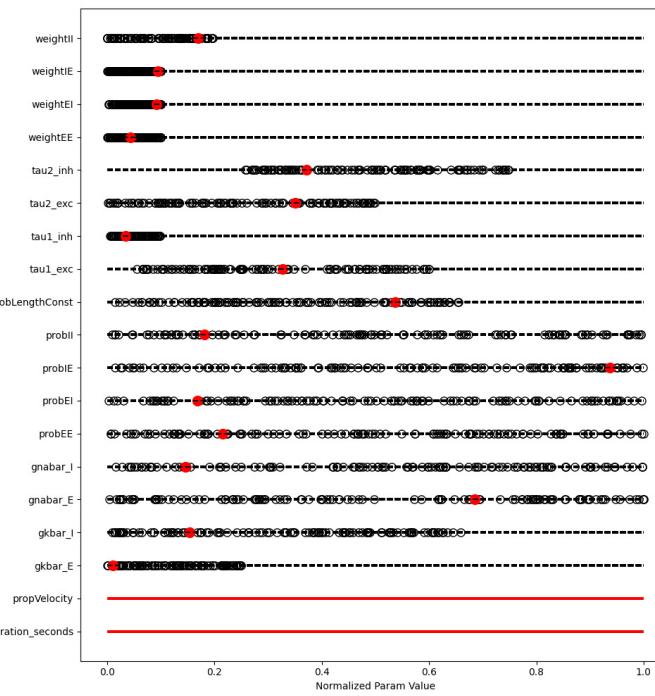
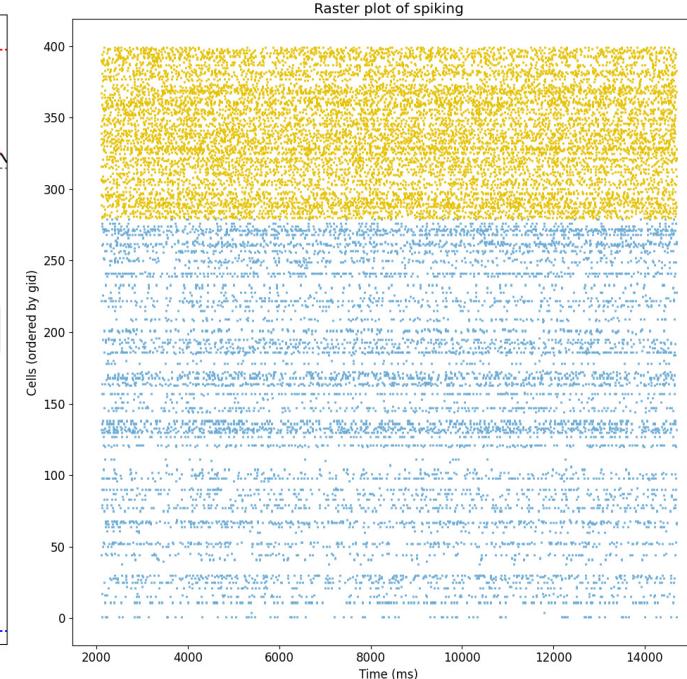
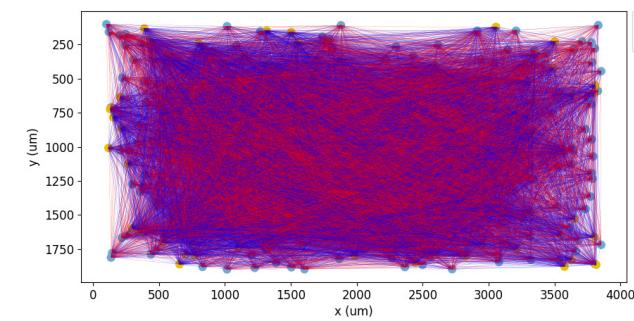


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_104/data.json
SimLabel	gen_0_cand_104
Generation Rank	0/118

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}}

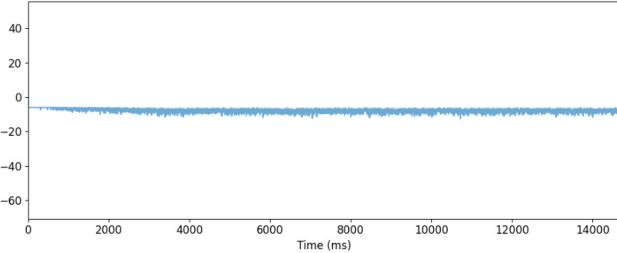
Metric	Value
BigBurstVal_Fitness	{'Value': 1444.3479220446725, 'Fit': 1.0004918068275204}
numBig_Fitness	{'Value': 9, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.6122448979591836, 'Fit': 1.6419445843633687}
IBI_fitness	{'Value': 1.5, 'Fit': 1.0006587547134396}
baseline_fitness	{'Value': 1397.4853498927714, 'Fit': 1000}
slopeFitness	{'Value': -0.20621980319081648, 'Fit': 1.2320966551627968}
thresh	{'Value': 1346.7898086466787, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 84.10596026490066, 'Fit': 895.2222913490648}
E_rate_fitness	{'Value': 0.031746031746031744, 'Fit': 2.3294230874210524}
I_rate_fitness	{'Value': 7.092592592592593, 'Fit': 10.827914508302442}
maxFitness	1000
average_fitness	492.77123506215463
average_scaled_fitness	0.492263248602356

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



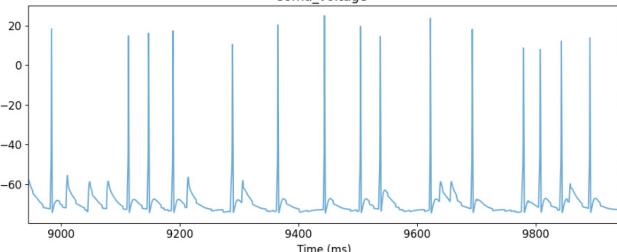
cell_0_excitatory

soma_voltage



cell_280_inhibitory

soma_voltage

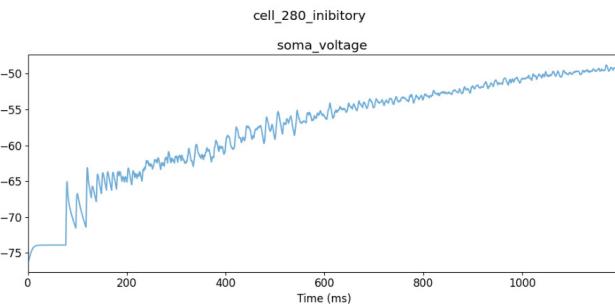
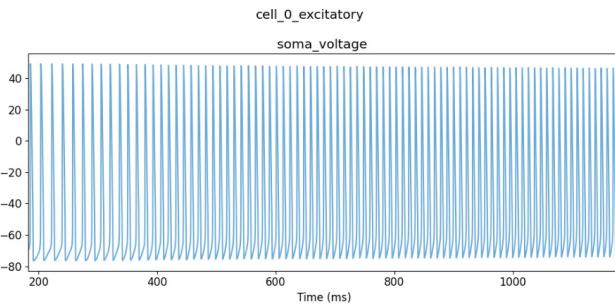
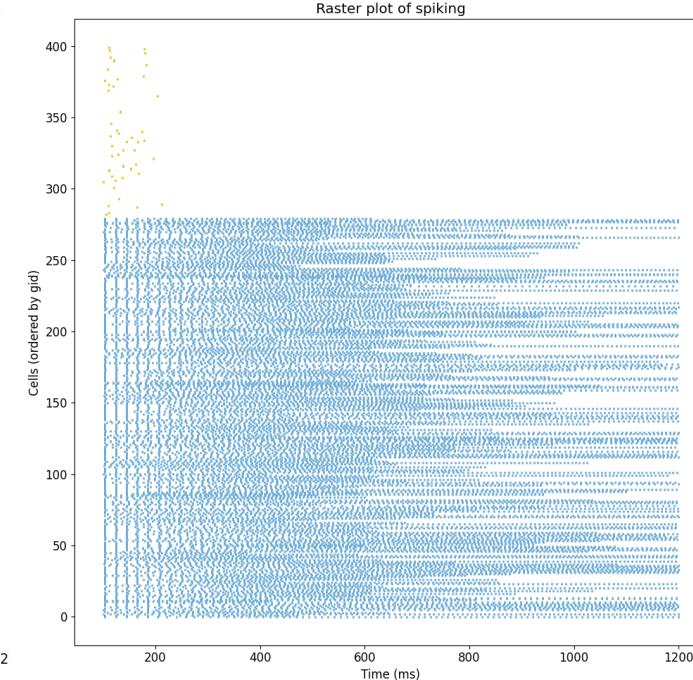
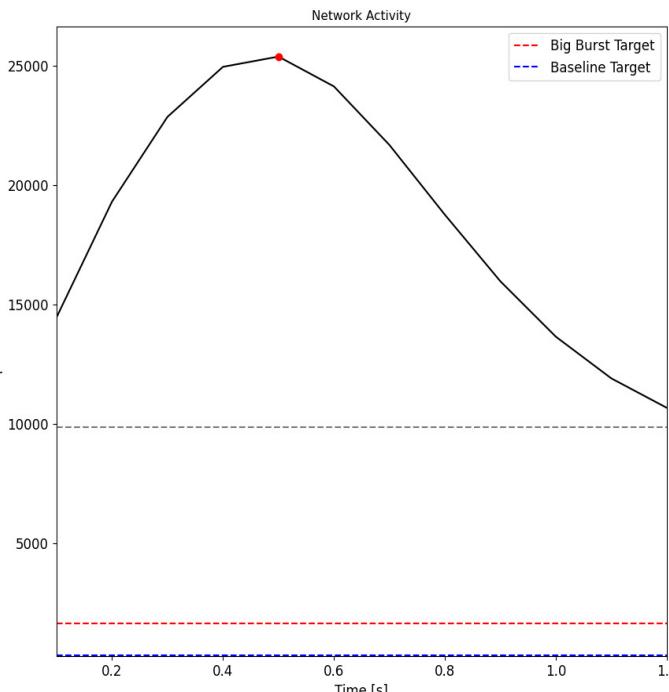
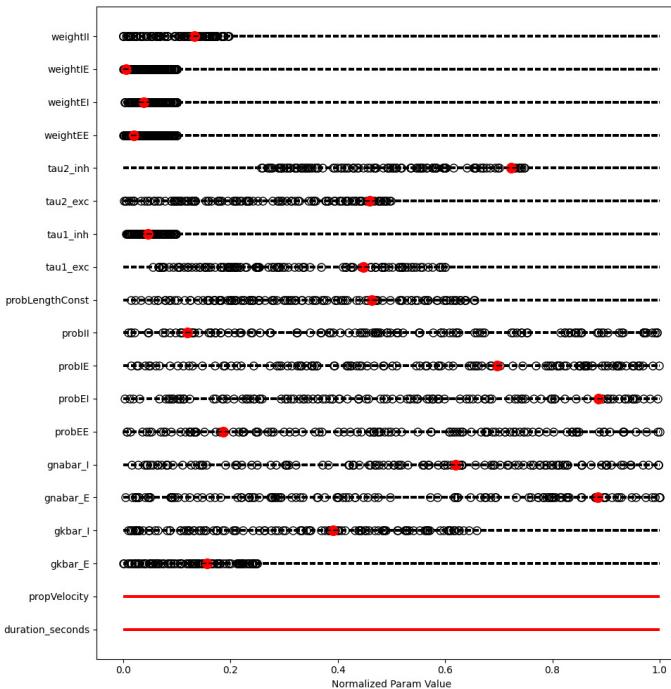
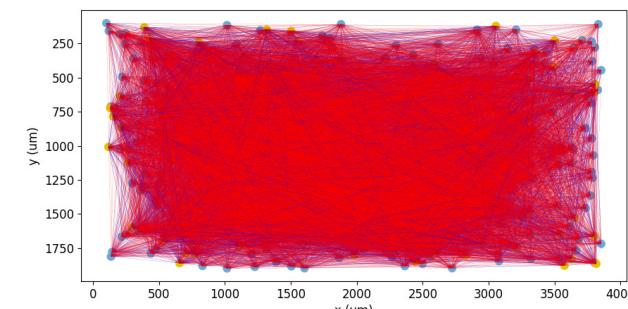


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_109/data.json
SimLabel	gen_0_cand_109
Generation Rank	32/118

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': 25374.71395834871, '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': 0.8333333333333333, 'Fit': 2.048217078598763}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 18634.370223214384, 'Fit': 1000}
slopeFitness	{'Value': -839.2943415172724, 'Fit': 1000}
thresh	{'Value': 9843.901523357434, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 7.9470198675496695, 'Fit': 1000}
E_rate_fitness	{'Value': 77.67857142857143, 'Fit': 1000}
I_rate_fitness	{'Value': 0.4351851851851852, 'Fit': 1000}
maxFitness	1000
average_fitness	916.8373514232165
average_scaled_fitness	0.9166666666666666

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

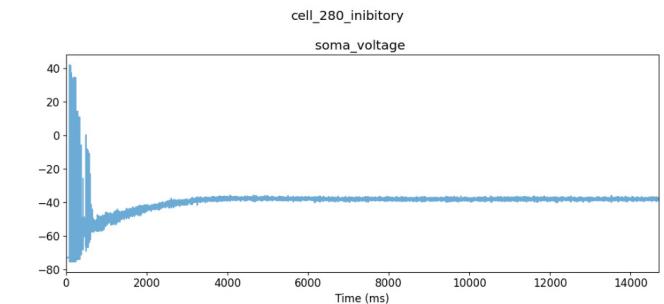
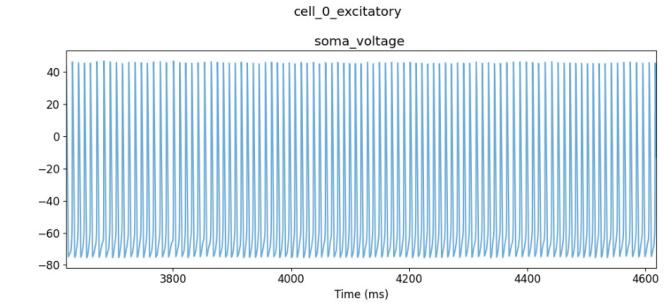
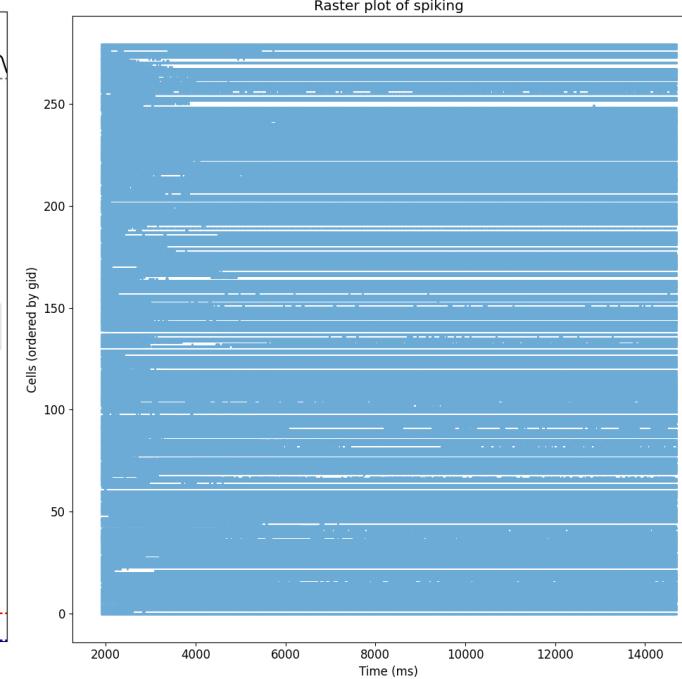
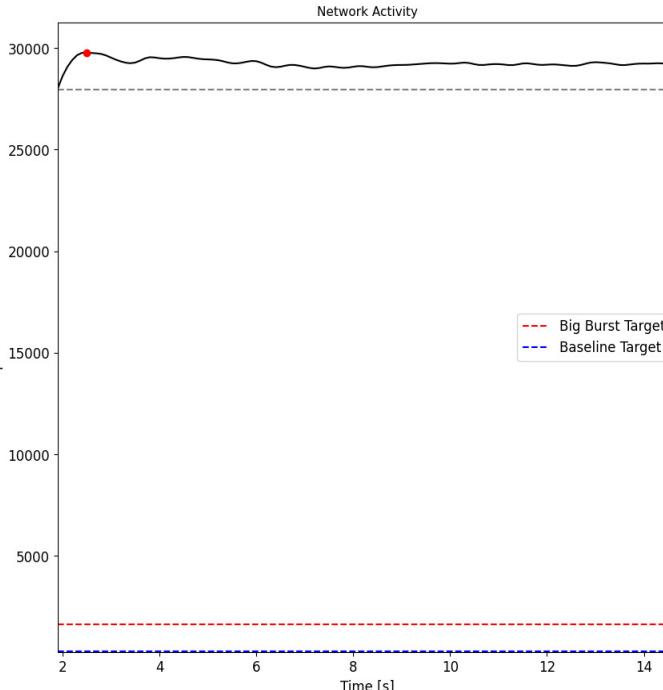
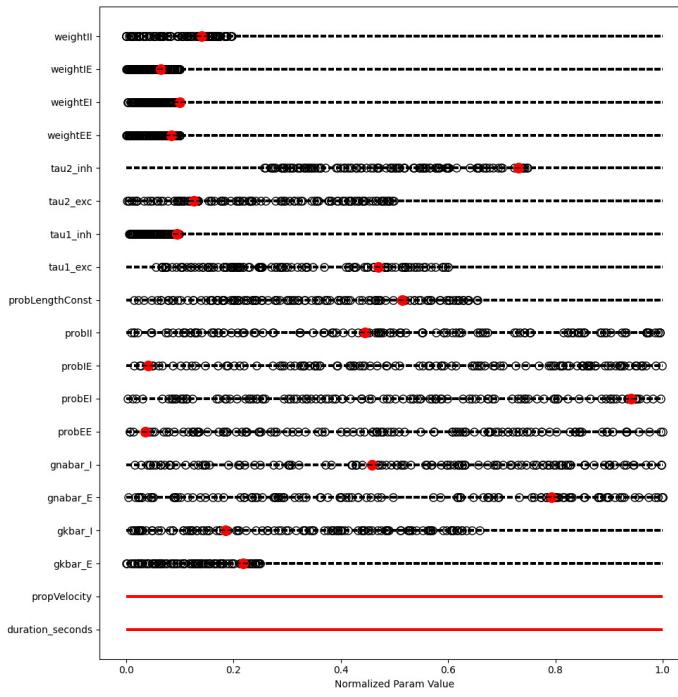
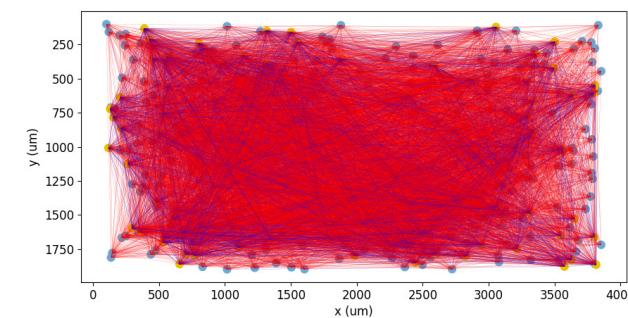


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_111_data.json
SimLabel	gen_0_cand_111
Generation Rank	21/118

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': 29782.617338891632, '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': 29243.32419883635, 'Fit': 1000}
slopeFitness	{'Value': -2.1714191300073673, 'Fit': 8.792654374358952}
thresh	{'Value': 27965.296581528422, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 85.43046357615894, 'Fit': 238.07095188332525}
E_rate_fitness	{'Value': 45.8968253968254, 'Fit': 1000}
I_rate_fitness	{'Value': 5.9907407407407405, 'Fit': 3.597631184010999}
maxFitness	1000
average_fitness	687.6258967603452
average_scaled_fitness	0.6872977082996505

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

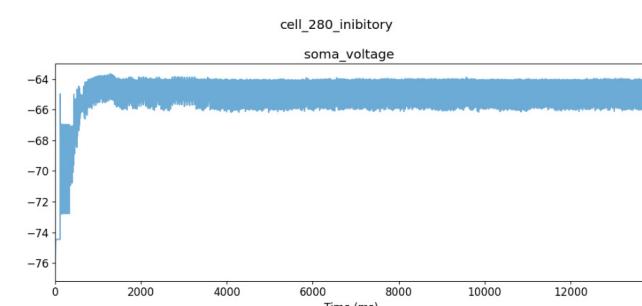
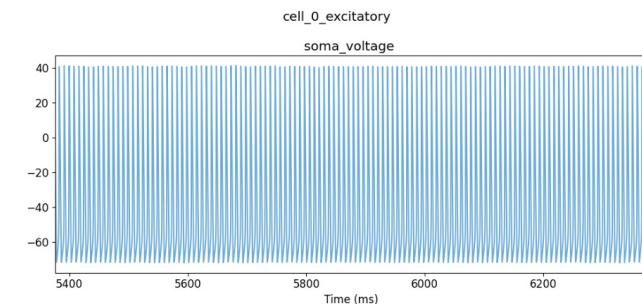
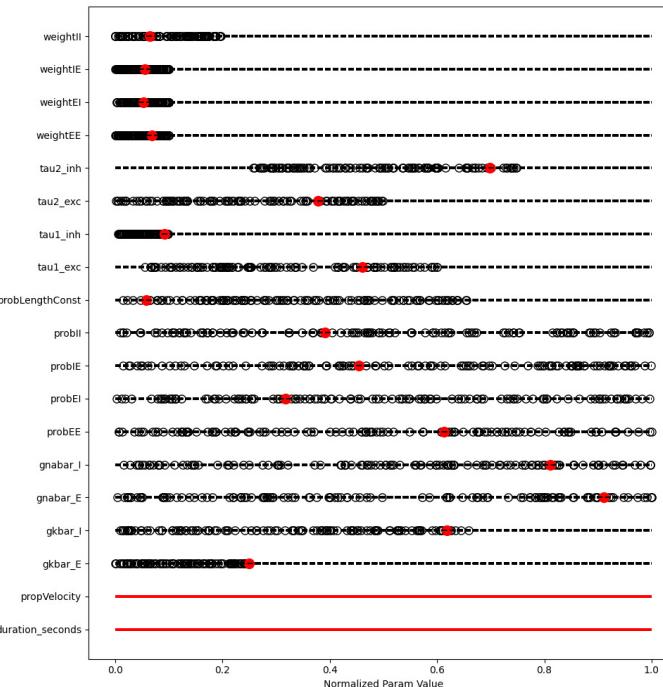
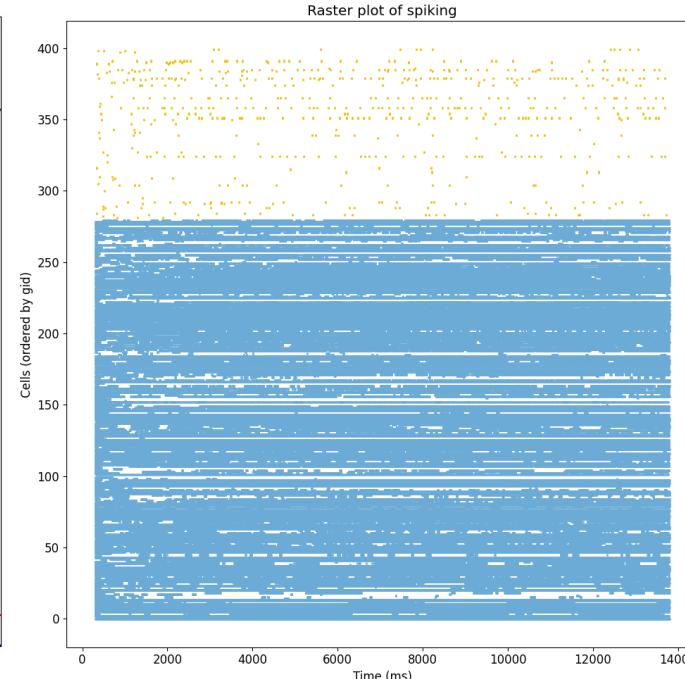
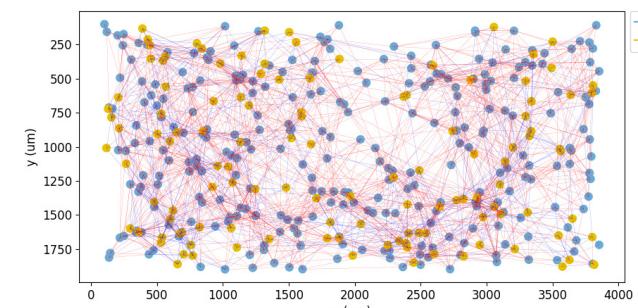


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_115_data.json
SimLabel	gen_0_cand_115
Generation Rank	16/118

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': 24511.33643230463, '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': 0.5072463768115941, 'Fit': 1.4782851601940104}
IBI_fitness	{'Value': 1.8666666666666667, 'Fit': 1.000625611258987}
baseline_fitness	{'Value': 23888.41699226119, 'Fit': 1000}
slopeFitness	{'Value': -0.002214975034624822, 'Fit': 1.004723608976762}
thresh	{'Value': 23655.34537291677, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 90.06622516556291, 'Fit': 2.308982974937318}
E_rate_fitness	{'Value': 89.27777777777777, 'Fit': 1000}
I_rate_fitness	{'Value': 0.9814814814814814, 'Fit': 1000}
maxFitness	1000
average_fitness	667.1493847796139
average_scaled_fitness	0.6668159923282757

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

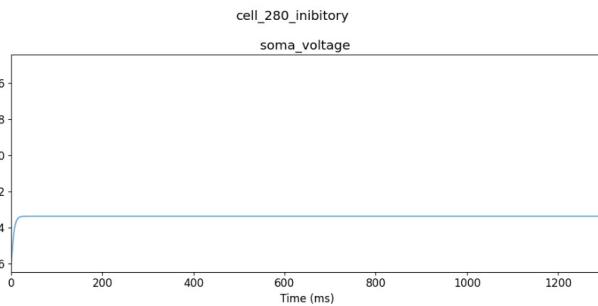
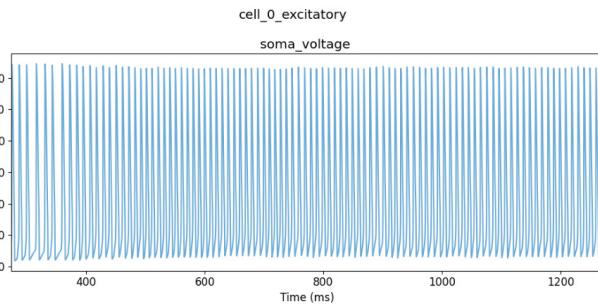
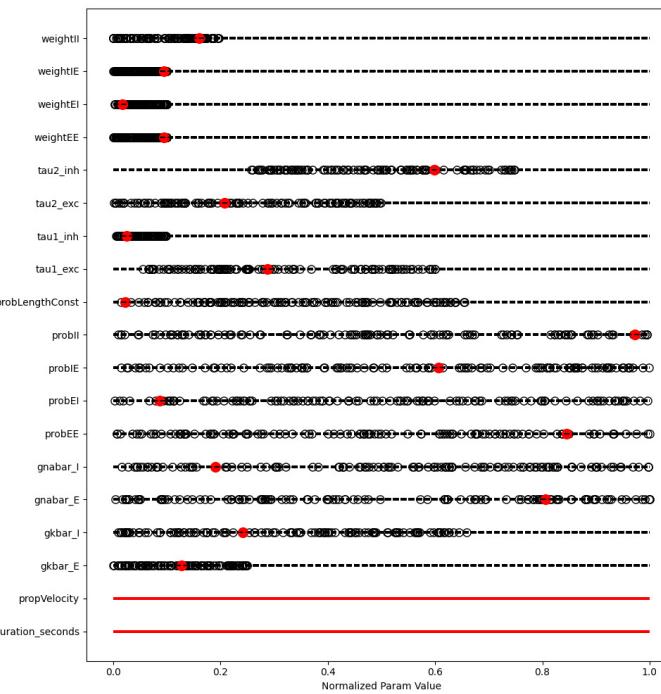
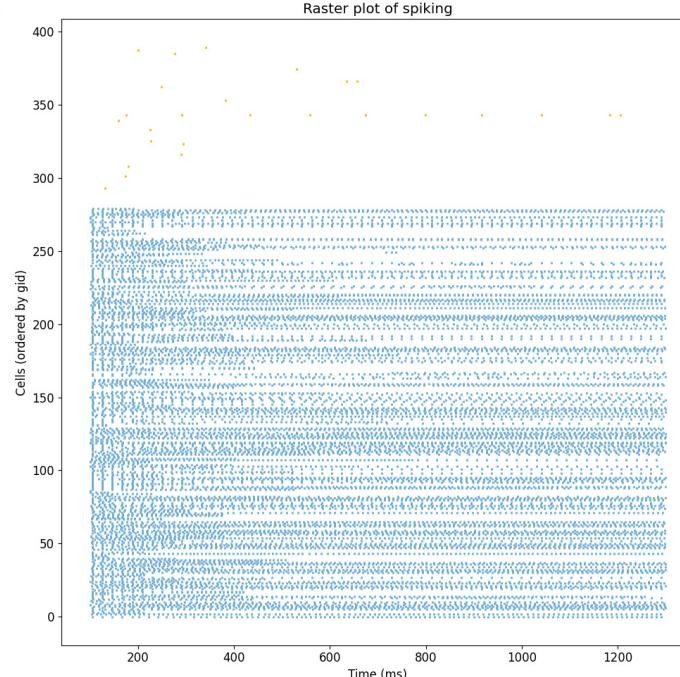
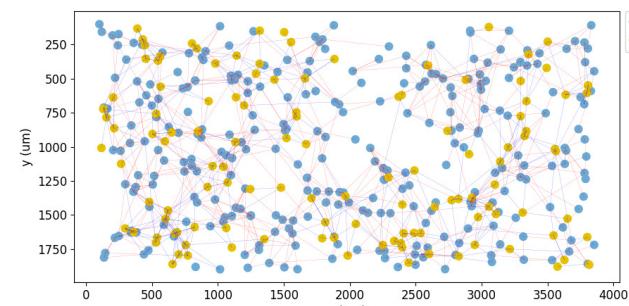


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_117/data.json
SimLabel	gen_0_cand_117
Generation Rank	31/118

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': 14800.31632082448, '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': 0.7692307692307692, 'Fit': 1.9210408199177413}
IBI_fitness	{'Value': None, 'Fit': 1000}
baseline_fitness	{'Value': 11872.587670174913, 'Fit': 1000}
slopeFitness	{'Value': -348.449319570084, 'Fit': 1000}
thresh	{'Value': 10448.58050001312, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 8.609271523178808, 'Fit': 1000}
E_rate_fitness	{'Value': 45.76190476190476, 'Fit': 1000}
I_rate_fitness	{'Value': 0.21296296296296297, 'Fit': 1000}
maxFitness	1000
average_fitness	916.8267534016599
average_scaled_fitness	0.9166666666666666

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

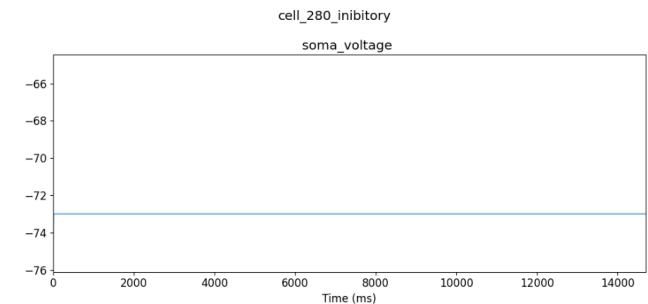
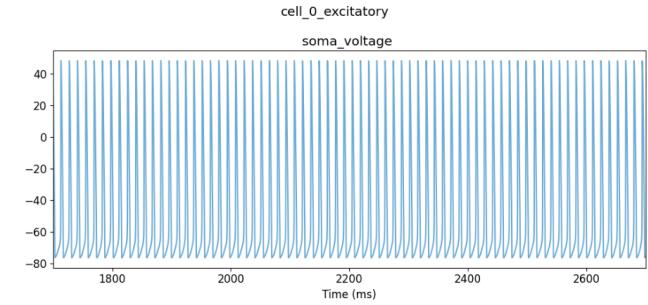
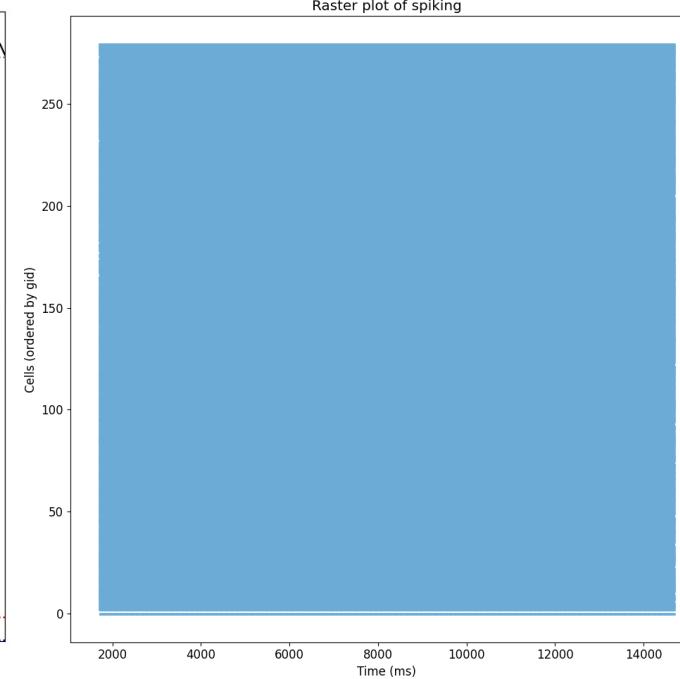
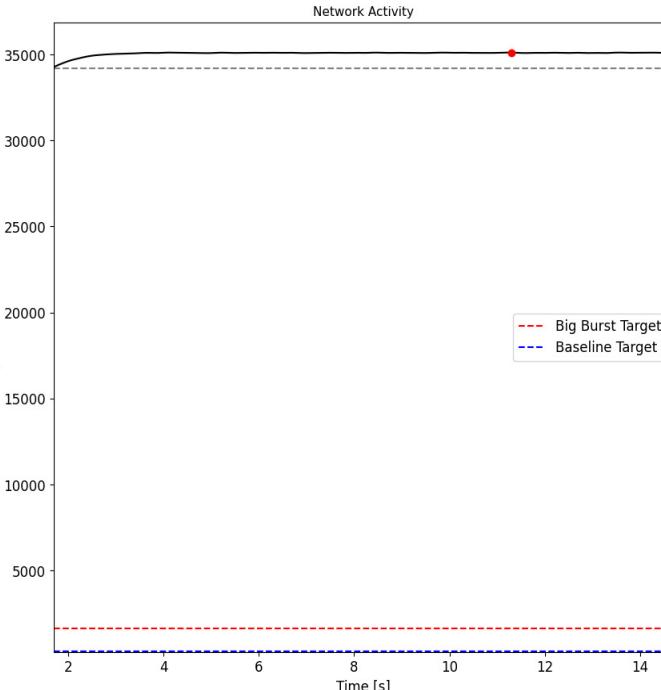
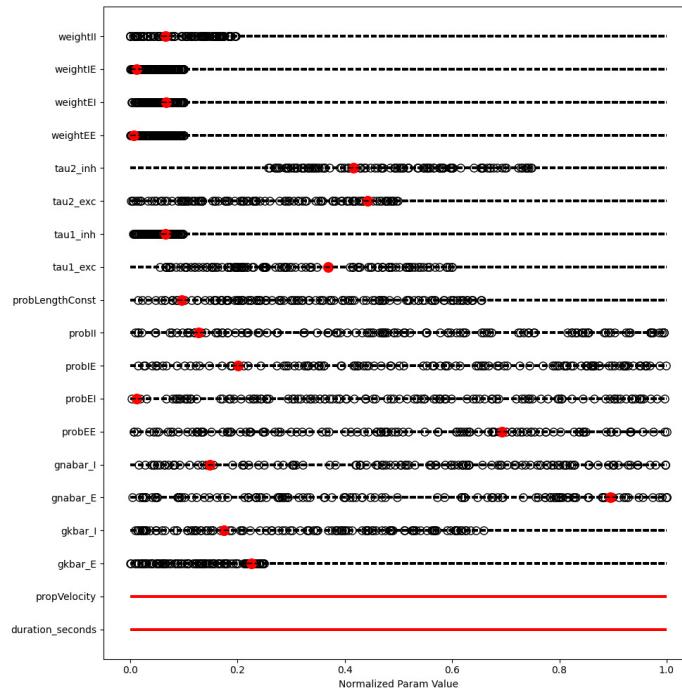
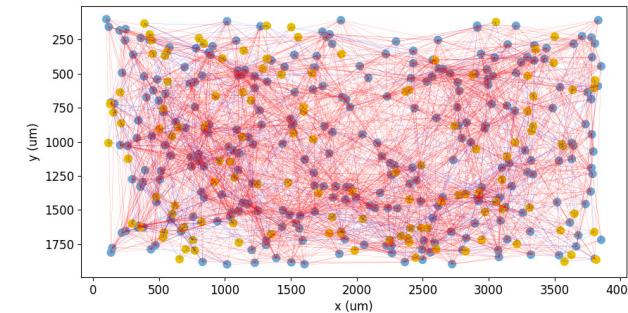


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_118_data.json
SimLabel	gen_0_cand_118
Generation Rank	25/118

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': 35114.186039691434, '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': 35054.10877750355, 'Fit': 1000}
slopeFitness	{'Value': 1.2512242814713883, 'Fit': 3.4859017717063554}
thresh	{'Value': 34176.92134380542, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 86.75496688741721, 'Fit': 63.3114017360115}
E_rate_fitness	{'Value': 92.52380952380952, 'Fit': 1000}
I_rate_fitness	{'Value': 0.2222222222222222, 'Fit': 1000}
maxFitness	1000
average_fitness	755.6539022658468
average_scaled_fitness	0.7553971858195719

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

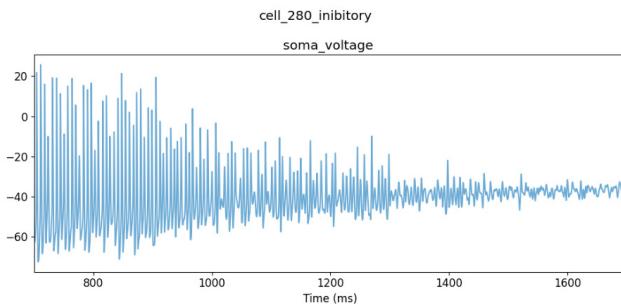
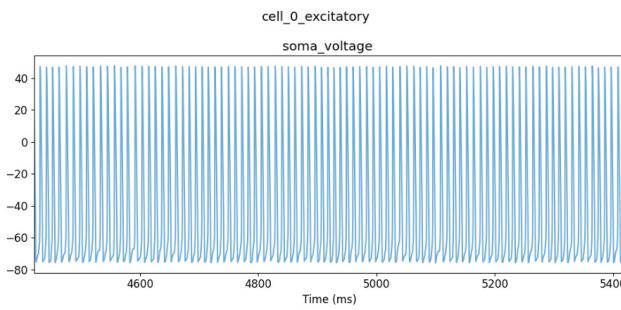
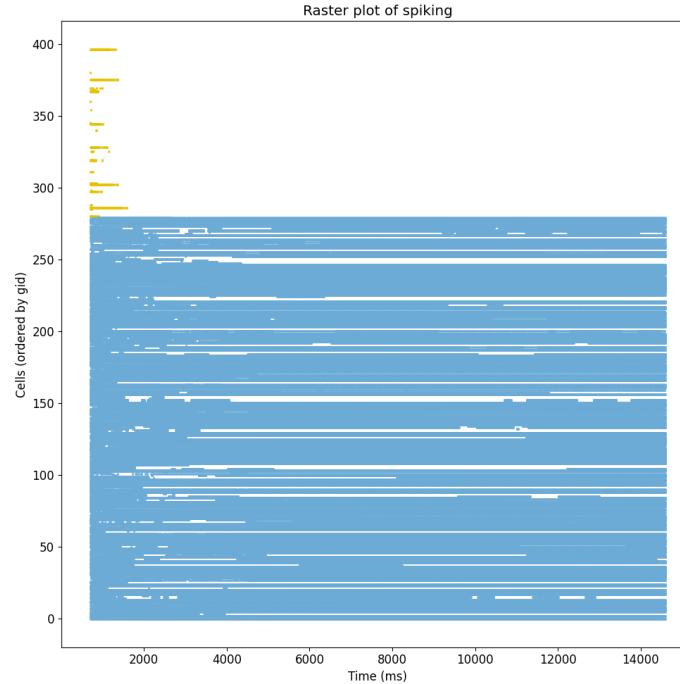
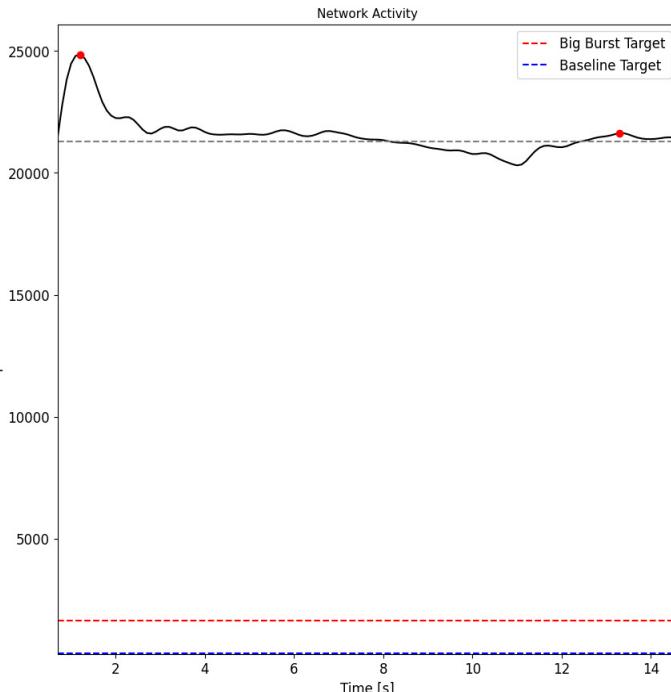
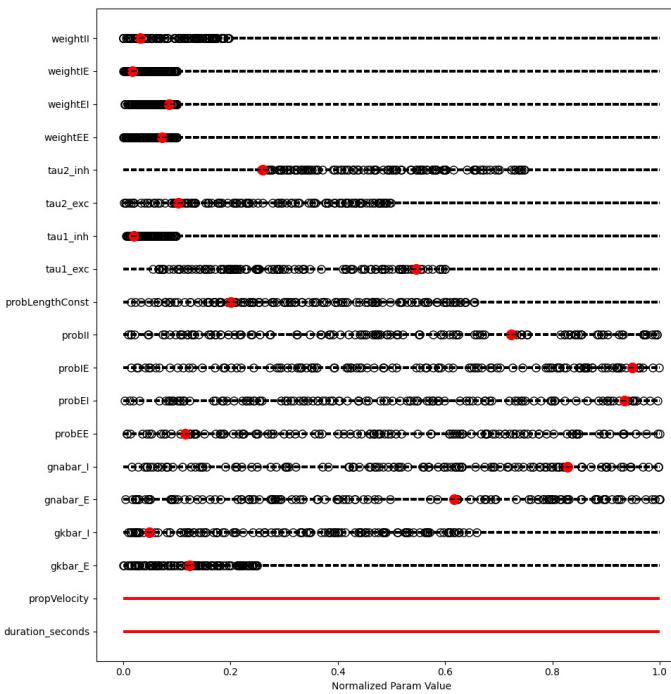
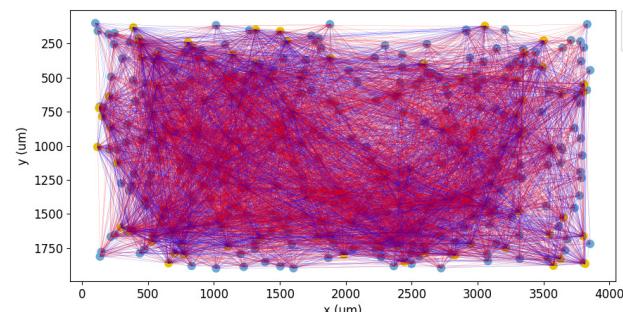


Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_122_data.json
SimLabel	gen_0_cand_122
Generation Rank	24/118

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': 23241.94680227805, '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': 12.100000000000001, 'Fit': 1.000299051030243}
baseline_fitness	{'Value': 21586.106841404868, 'Fit': 1000}
slopeFitness	{'Value': -12.870179711847646, 'Fit': 1000}
thresh	{'Value': 21286.31082279083, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 92.71523178807946, 'Fit': 6.12390194161218}
E_rate_fitness	{'Value': 60.73412698412698, 'Fit': 1000}
I_rate_fitness	{'Value': 28.305555555555557, 'Fit': 1000}
maxFitness	1000
average_fitness	750.6787531478464
average_scaled_fitness	0.7504291076210349

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0



Description	Value
Data Directory	/NERSC/output/240511_Run26_8proc/gen_0/gen_0_cand_123_data.json
SimLabel	gen_0_cand_123
Generation Rank	13/118

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': 0.87736366667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 16167.363683784437, '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': 1.1916666666666667, 'Fit': 1.00006866263052125}
baseline_fitness	{'Value': 15417.451866966265, 'Fit': 1000}
slopeFitness	{'Value': -3.1294564058497722, 'Fit': 22.918717128149705}
thresh	{'Value': 15353.547460468608, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 96.68874172185431, 'Fit': 325.612947795735}
E_rate_fitness	{'Value': 62.039682539682545, 'Fit': 1000}
I_rate_fitness	{'Value': 3.1574074074074074, 'Fit': 4.725898534473574}
maxFitness	1000
average_fitness	613.0355646101958
average_scaled_fitness	0.6126479465906772

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

