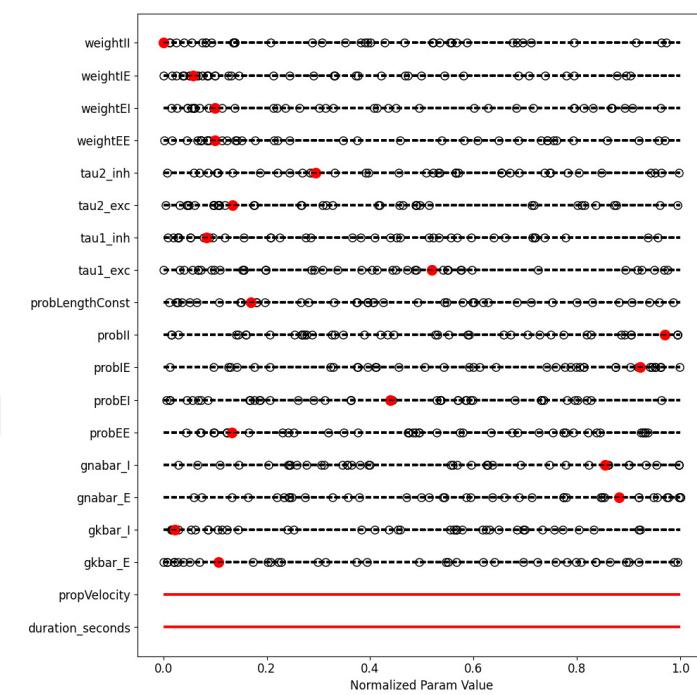
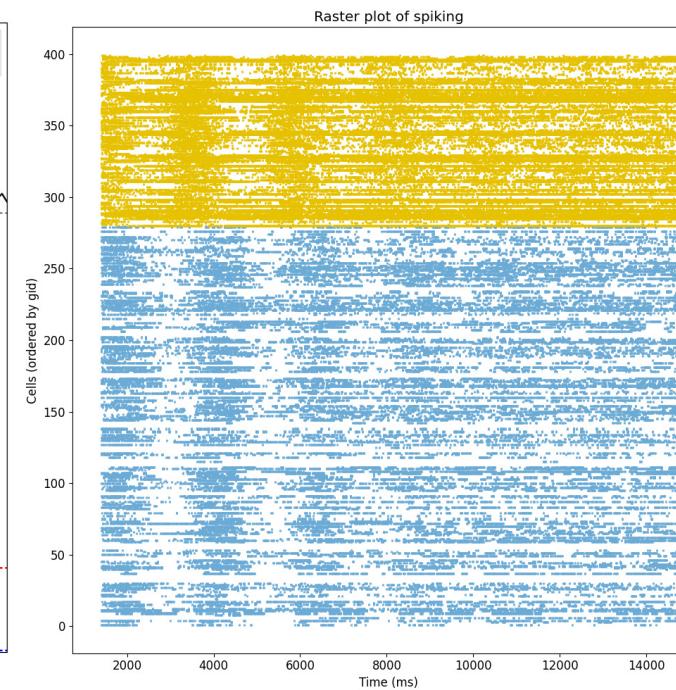
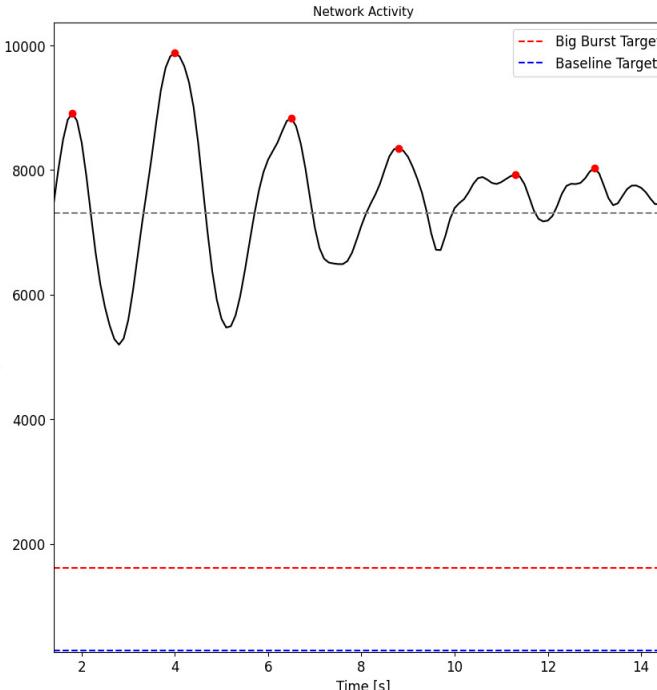


Description	Value
Data Directory	/NERSC/output/240521_Run2_overnight_reg/gen_0/gen_0_cand_2/data.json
SimLabel	gen_0_cand_2
Generation Rank	3/45

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': 7538.92849970213, '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

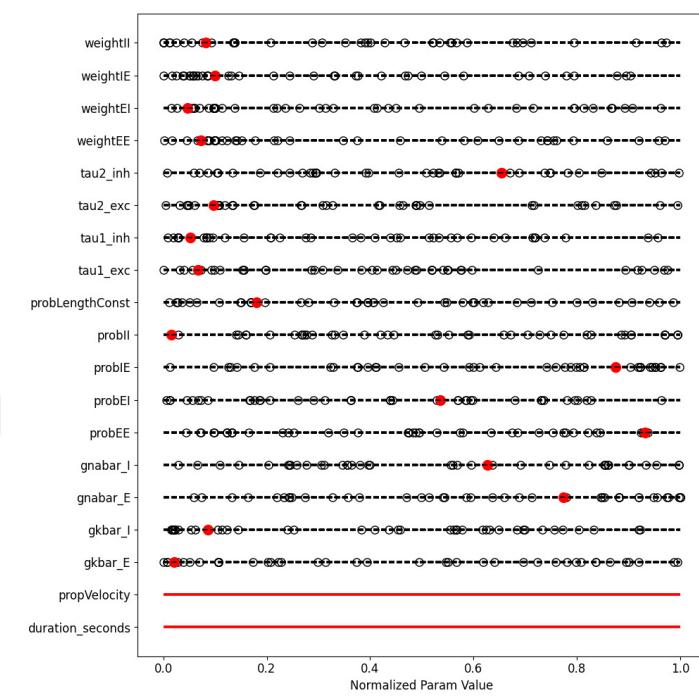
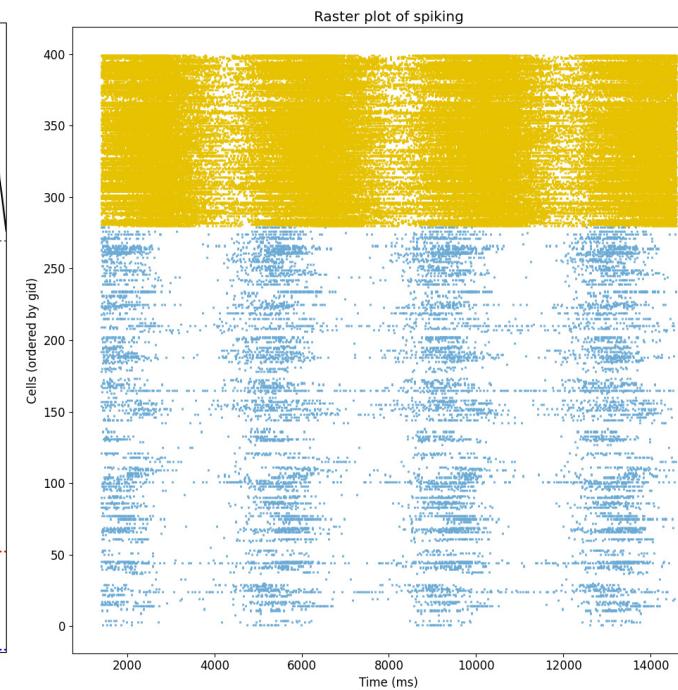
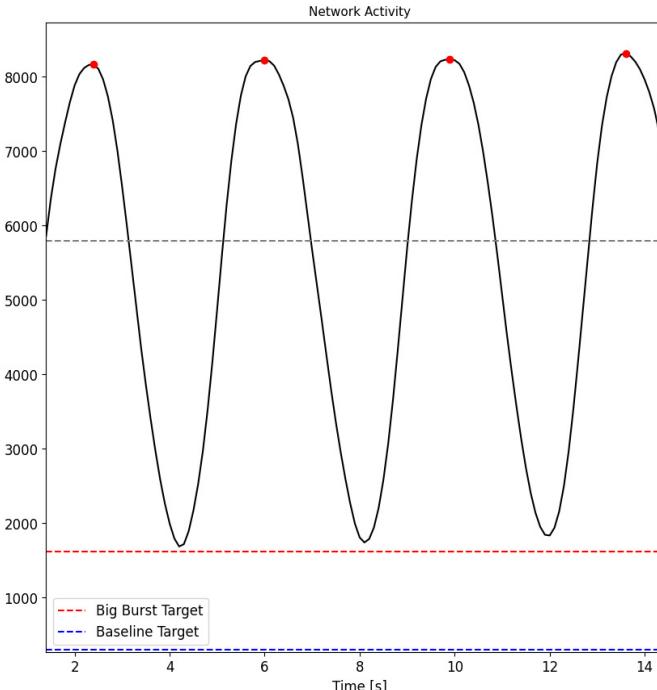


Description	Value
Data Directory	/NERSC/output/240521_Run2_overnight_reg/gen_0/gen_0_cand_3/data.json
SimLabel	gen_0_cand_3
Generation Rank	4/45

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': 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

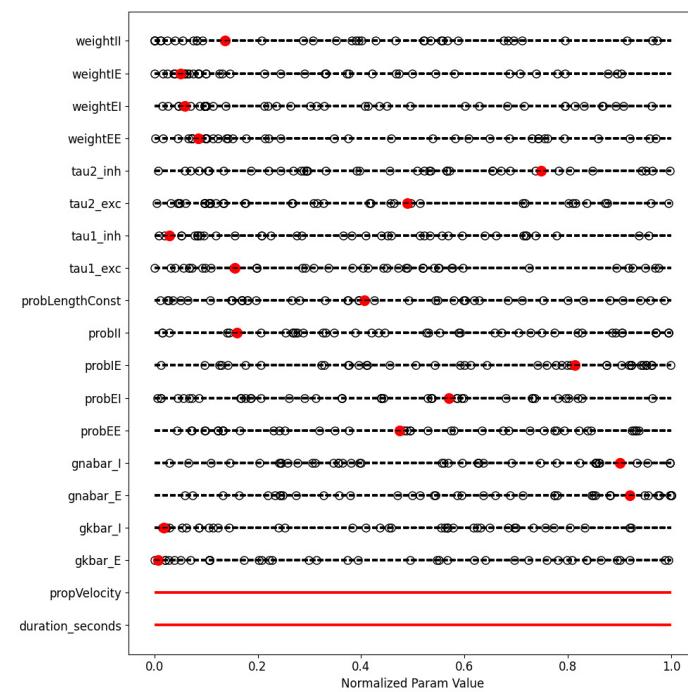
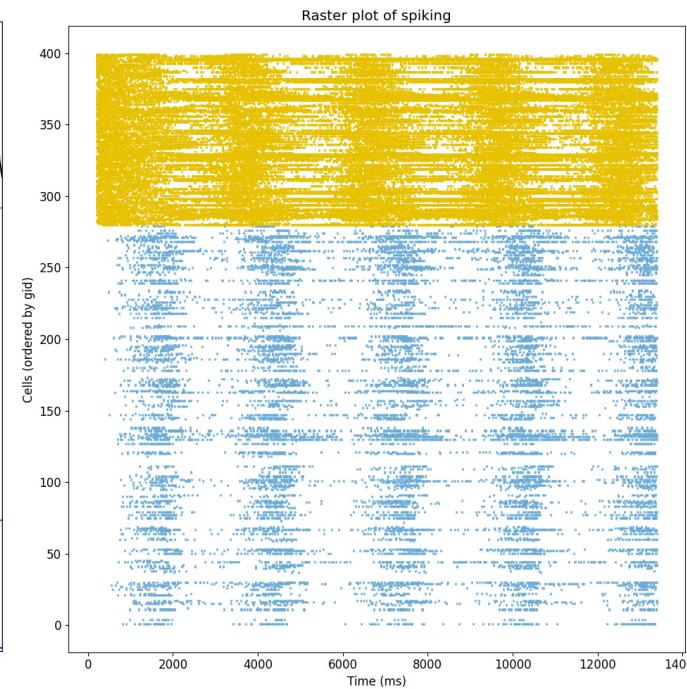
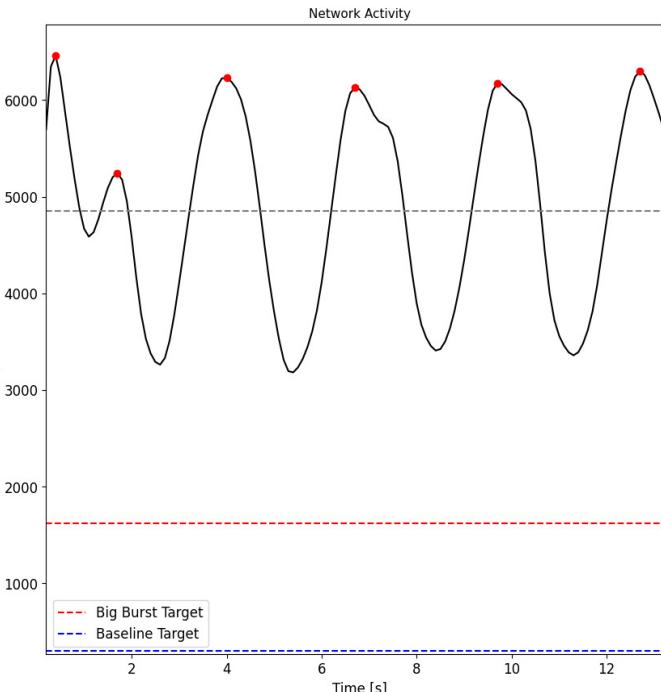


Description	Value
Data Directory	/NERSC/output/240521_Run2_overnight_reg/gen_0/gen_0_cand_6_data.json
SimLabel	gen_0_cand_6
Generation Rank	6/45

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': 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

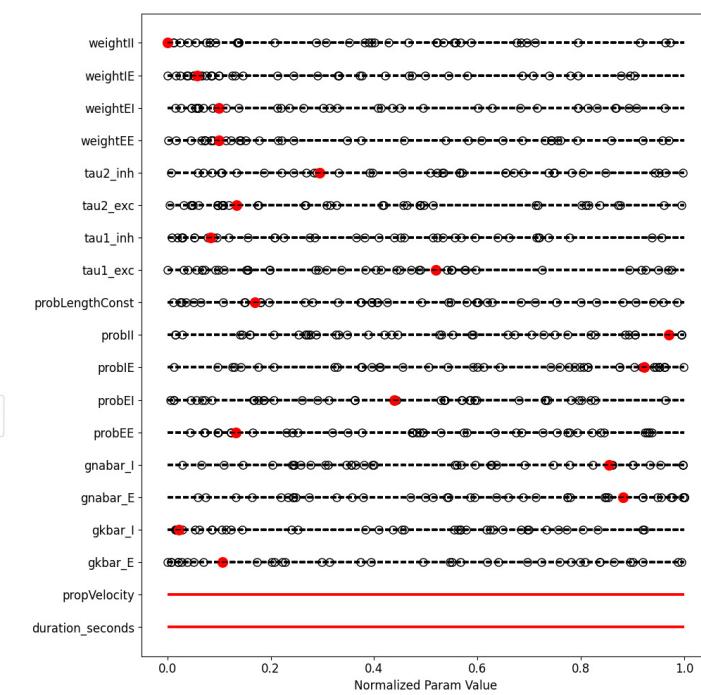
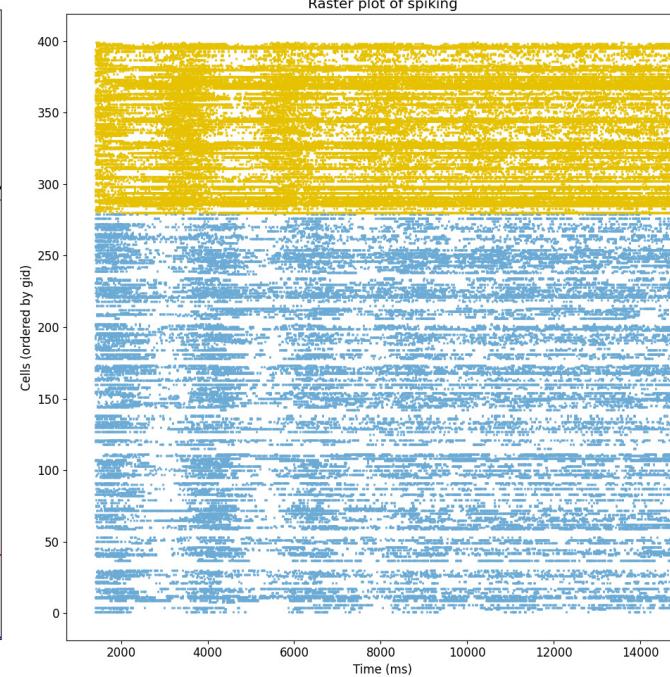
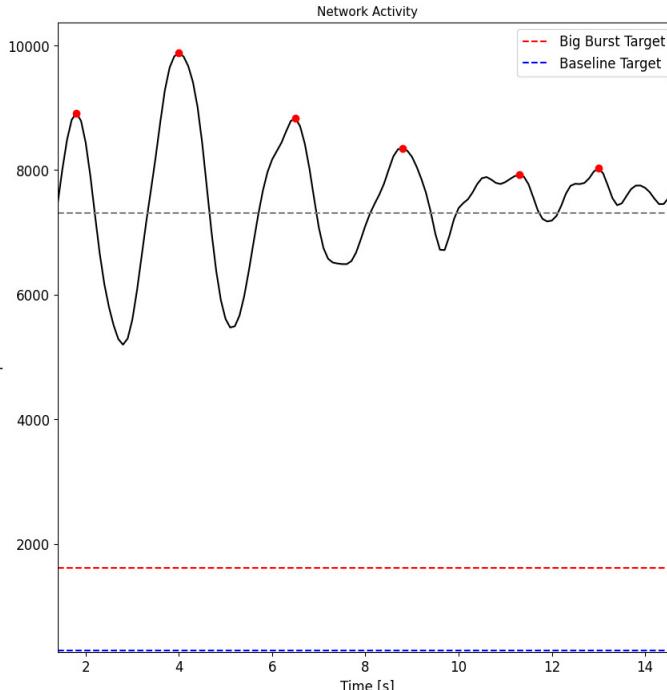
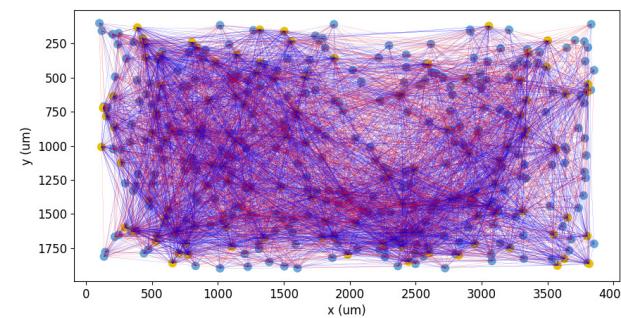


Description	Value
Data Directory	/NERSC/output/240521_Run2_overnight_reg/gen_0/gen_0_cand_7/data.json
SimLabel	gen_0_cand_7
Generation Rank	0/45

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': 7538.92849970213, '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

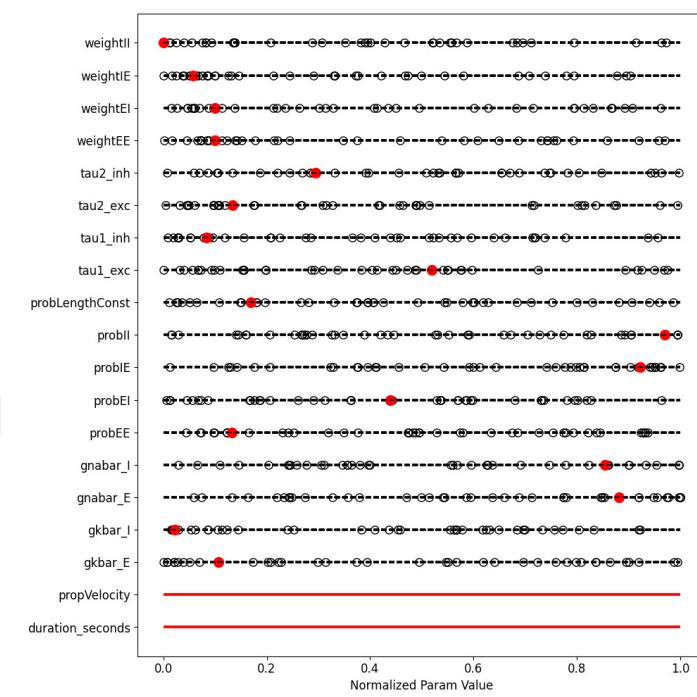
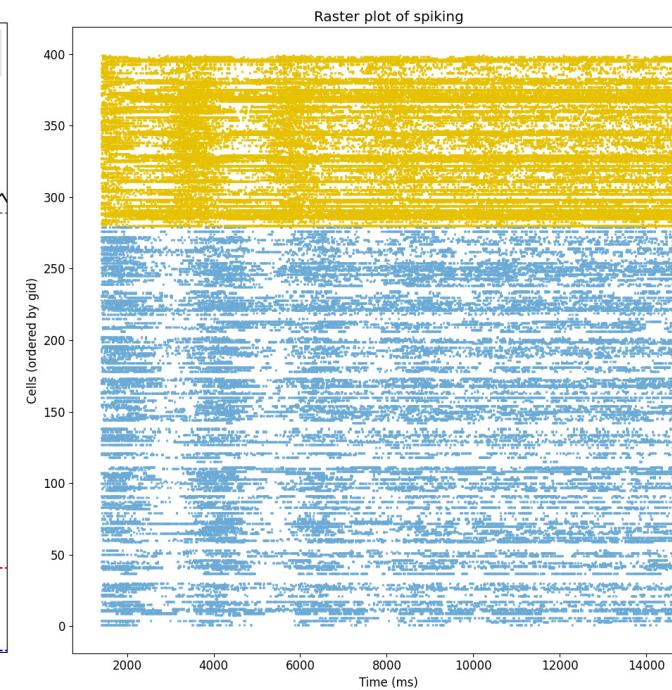
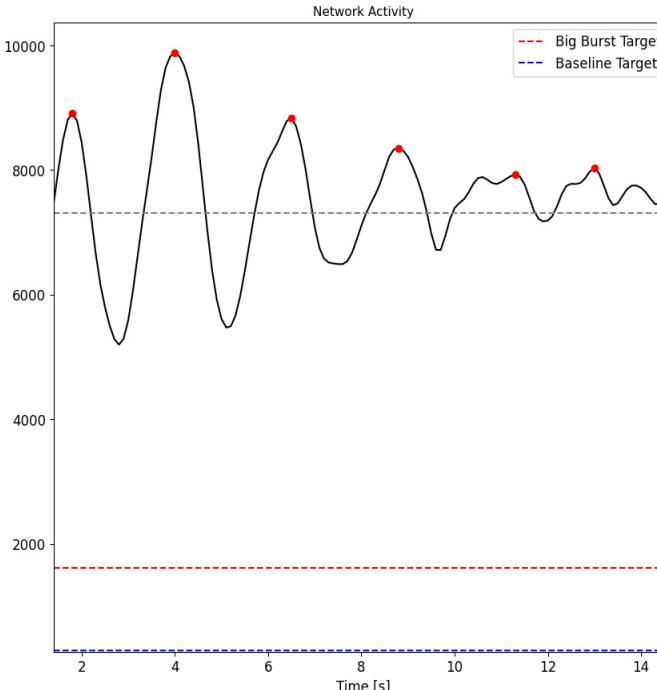


Description	Value
Data Directory	/NERSC/output/240521_Run2_overnight_reg/gen_0/gen_0_cand_9/data.json
SimLabel	gen_0_cand_9
Generation Rank	2/45

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': 7538.92849970213, '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

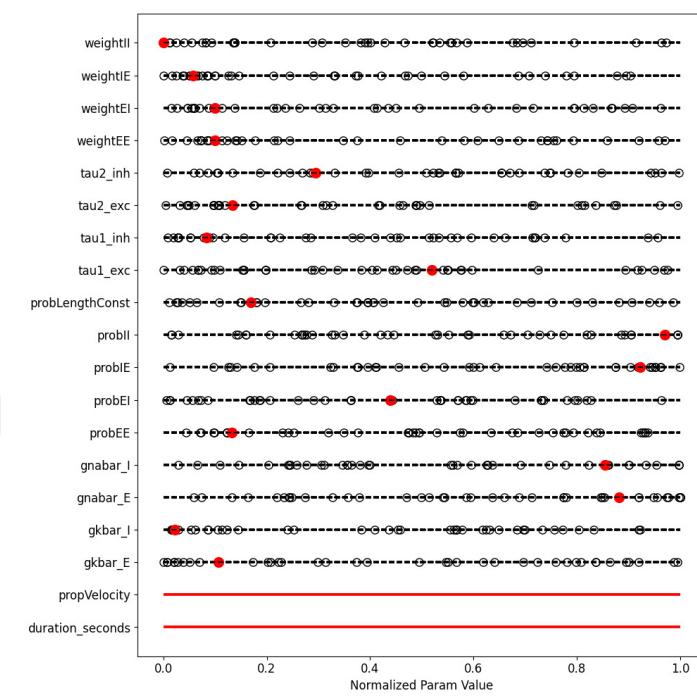
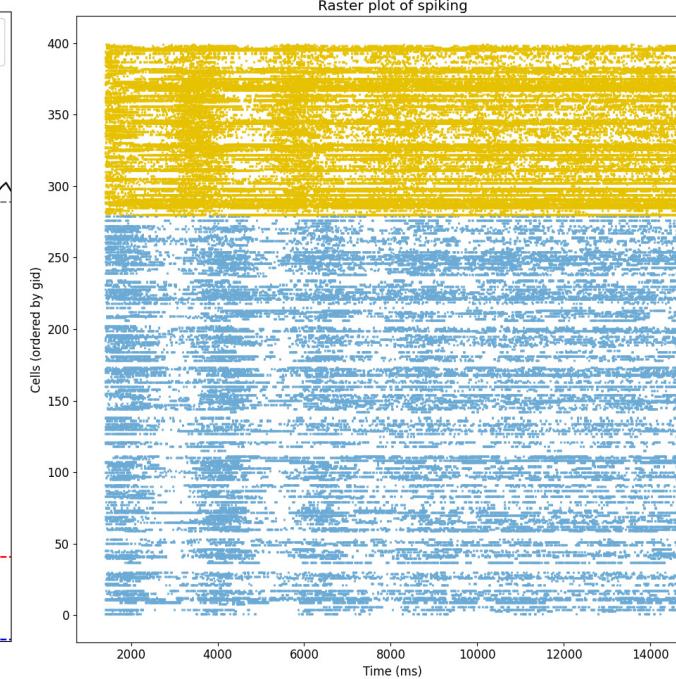
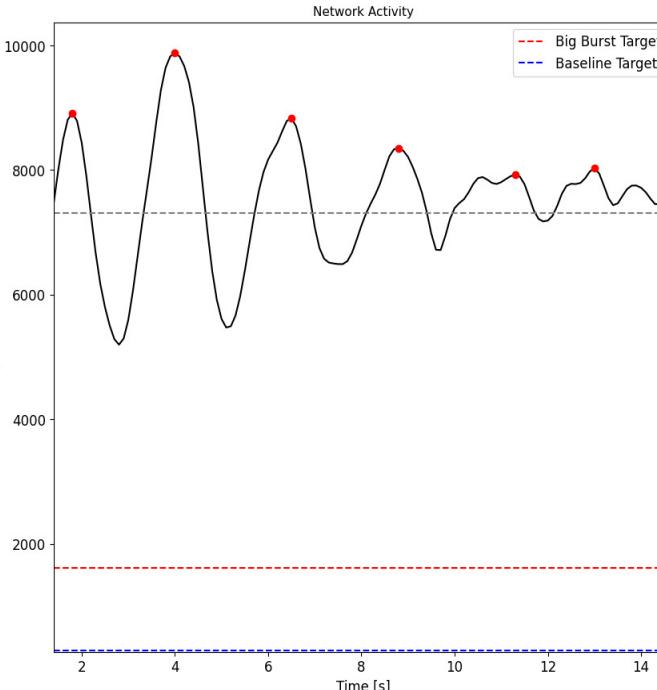


Description	Value
Data Directory	/NERSC/output/240521_Run2_overnight_reg/gen_0/gen_0_cand_11_data.json
SimLabel	gen_0_cand_11
Generation Rank	1/45

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': 7538.92849970213, '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

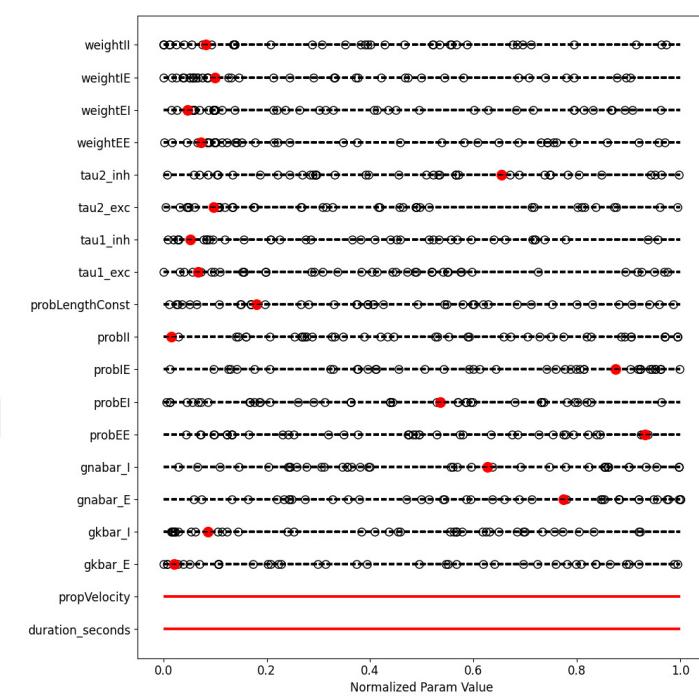
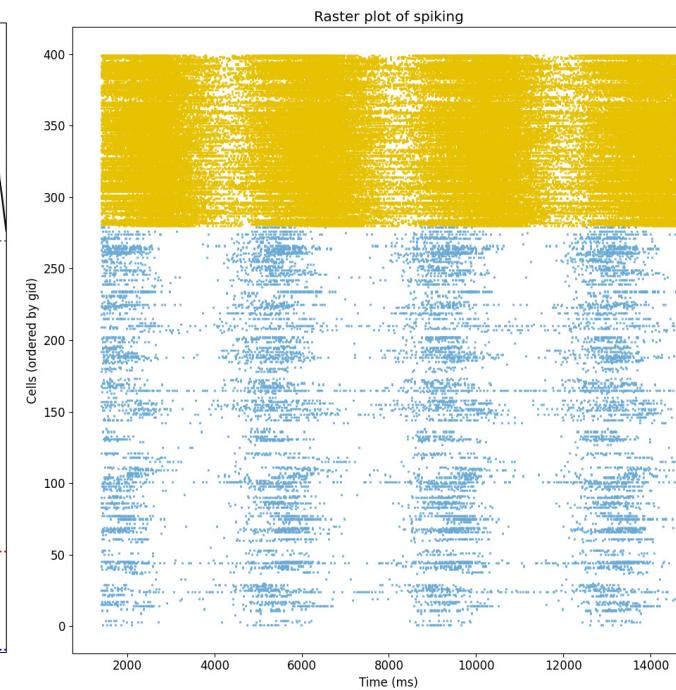
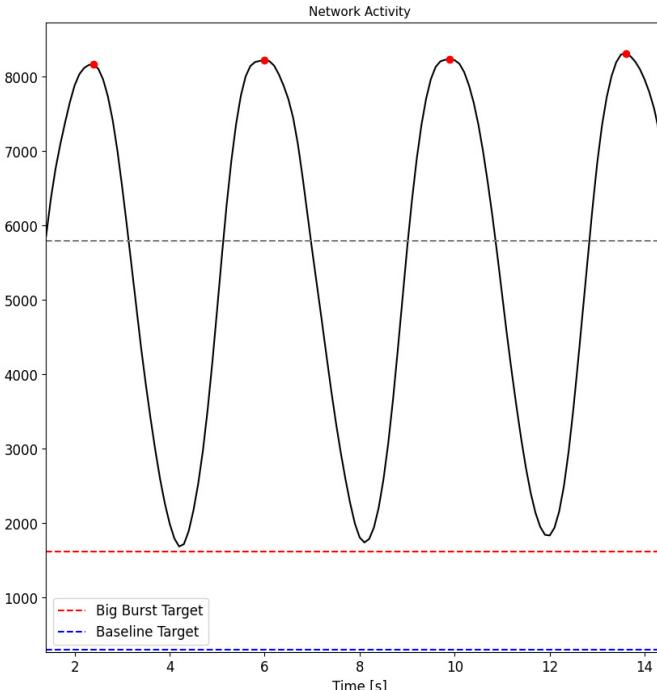


Description	Value
Data Directory	/NERSC/output/240521_Run2_overnight_reg/gen_0/gen_0_cand_12_data.json
SimLabel	gen_0_cand_12
Generation Rank	5/45

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': 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/240521_Run2_overnight_reg/gen_0/gen_0_cand_13 data.json
SimLabel	gen_0_cand_13
Generation Rank	7/45

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': 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

