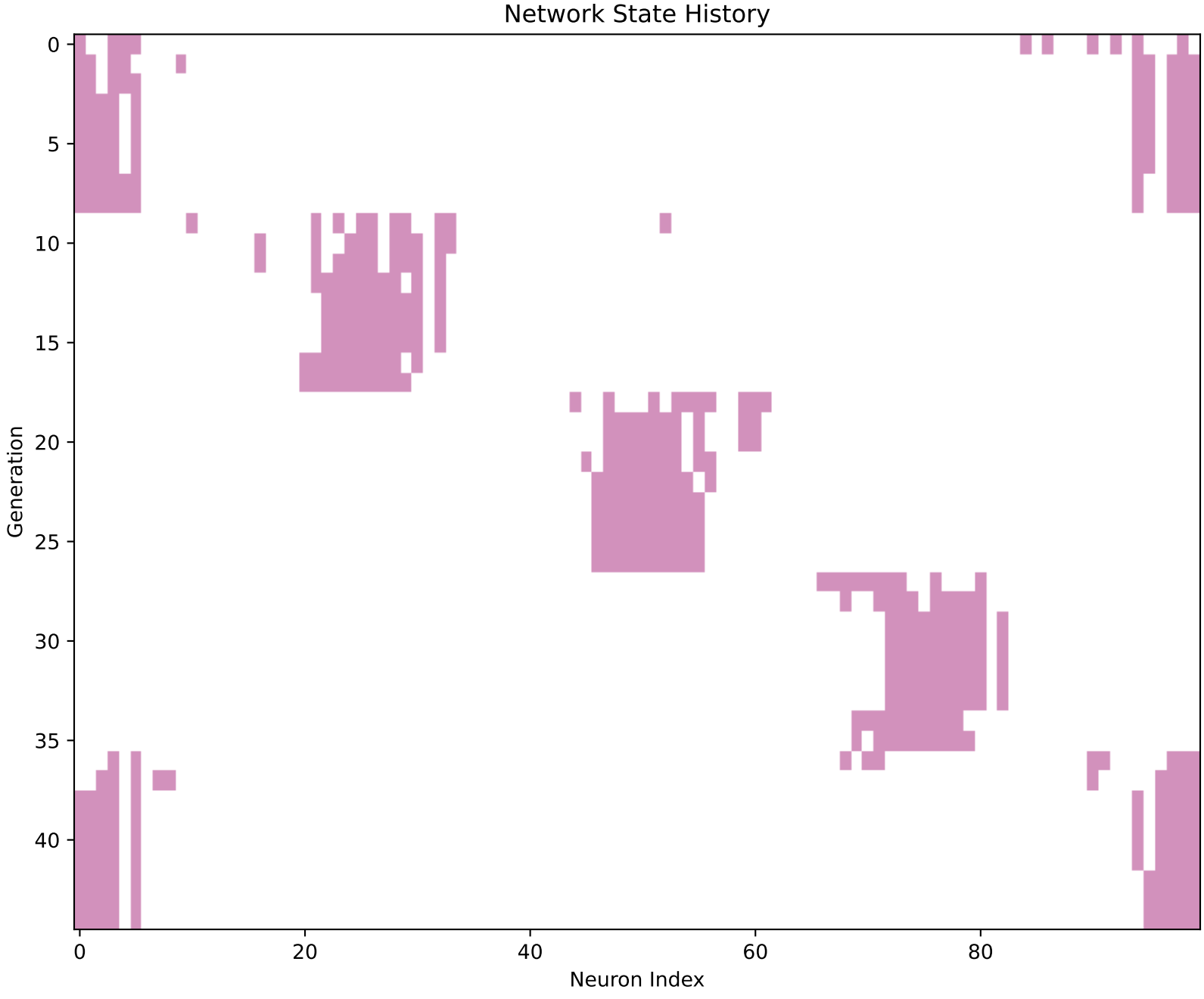
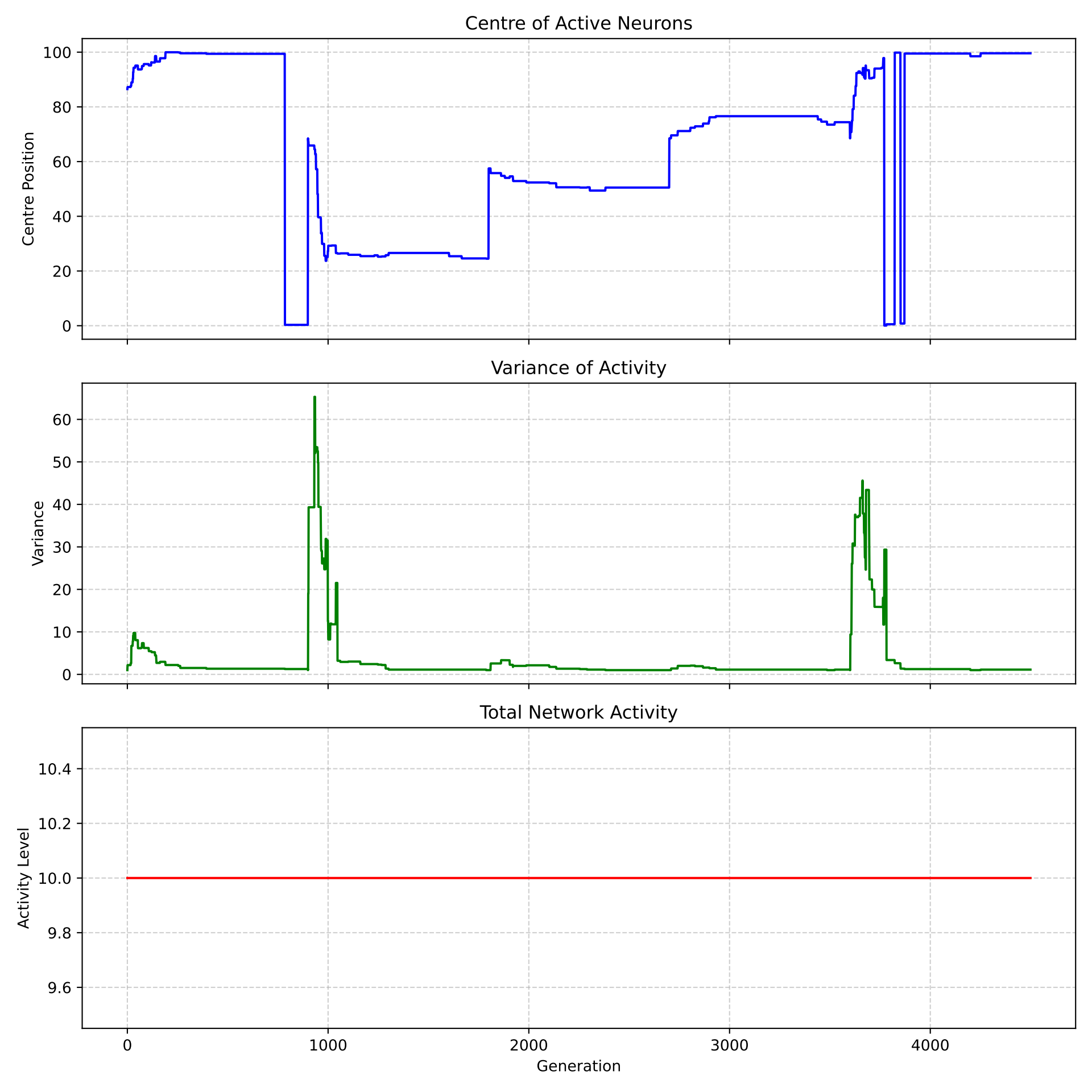
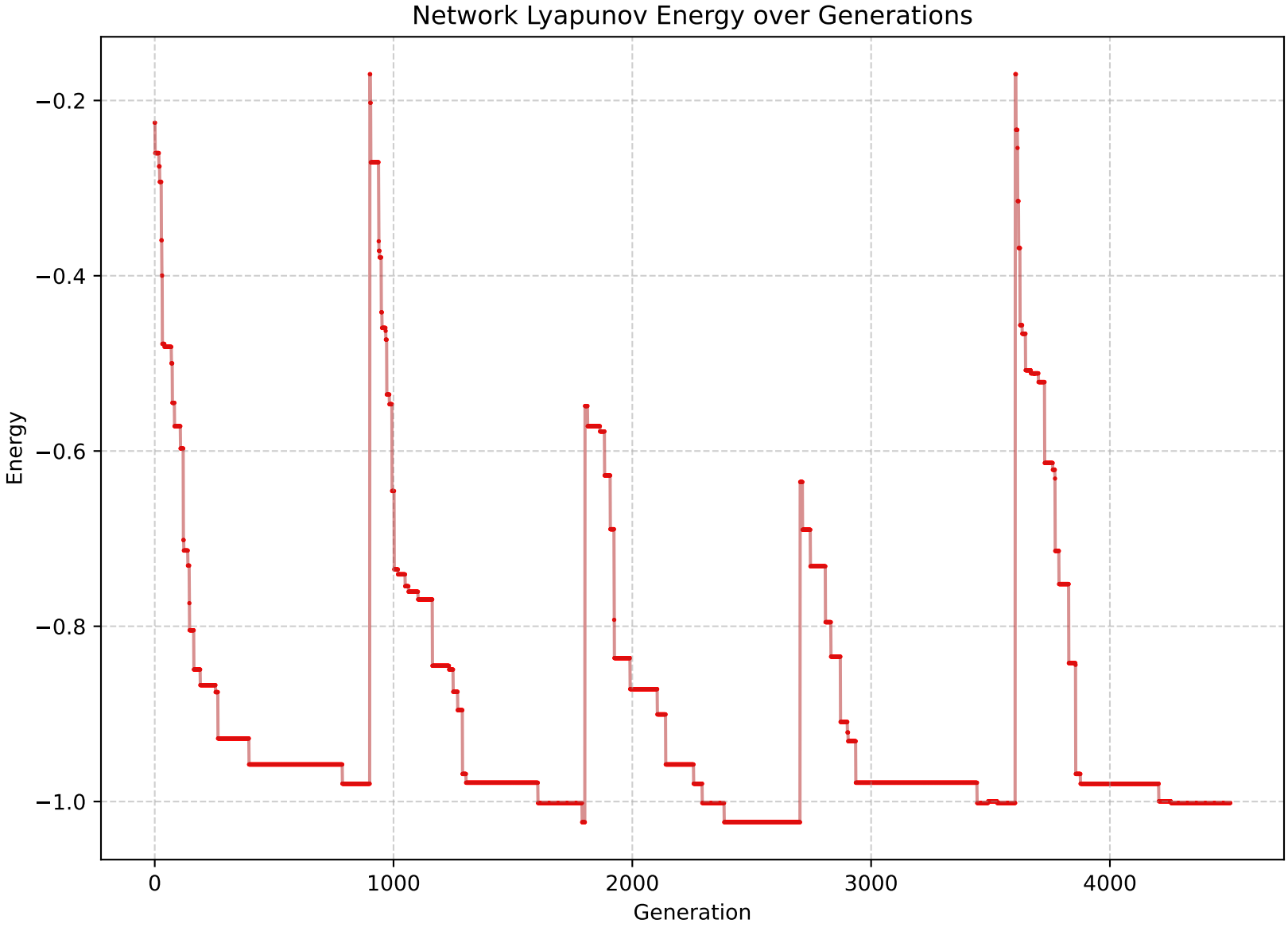
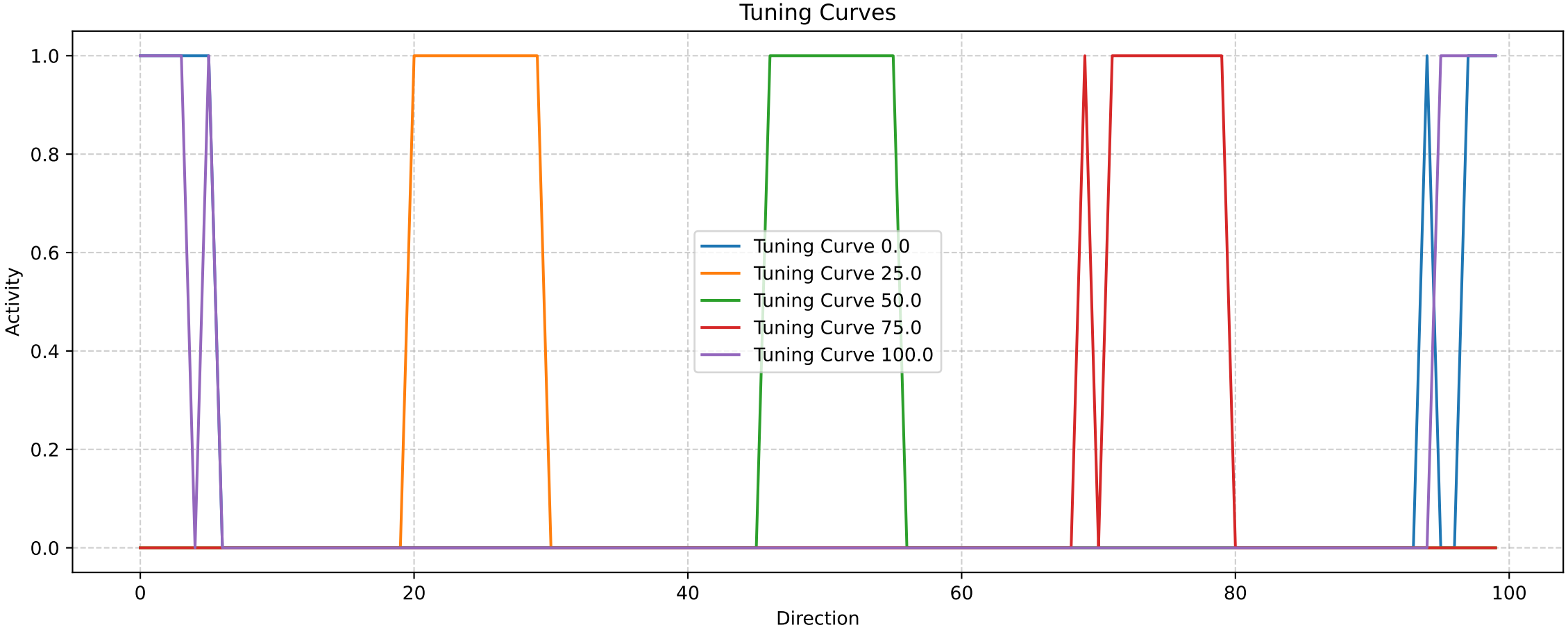

Network State History
Generation
Neuron Index
0
5
10
15
20
25
30
35
40
0
20
40
60
80


Centre of Active Neurons
Centre Position
100
80
60
40
20
0
Variance of Activity
Variance
60
50
40
30
20
10
0
Total Network Activity
Activity Level
10.4
10.2
10.0
9.8
9.6
0
1000
2000
3000
4000
Generation


Network Lyapunov Energy over Generations
Energy
−0.2
−0.4
−0.6
−0.8
−1.0
0
1000
2000
3000
4000
Generation


Tuning Curves
Activity
Direction
0.0
0.2
0.4
0.6
0.8
1.0
0
20
40
60
80
100
Tuning Curve 0.0
Tuning Curve 25.0
Tuning Curve 50.0
Tuning Curve 75.0
Tuning Curve 100.0

Network Parameters:

Number of Neurons: 100
Noise: 0.001
Field Width: 0.05
Synaptic Failure: 0.0
Spontaneous Release: 0.0
Constriction: 1.0
Fraction Active: 0.1