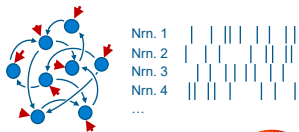
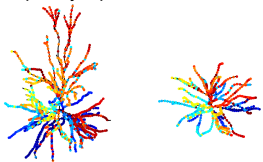


a 1. Simulate network model

2. Embed spiking activity onto sphere using pairwise correlations



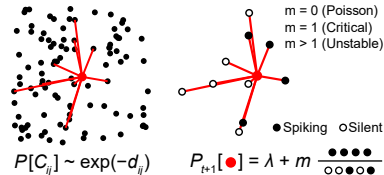
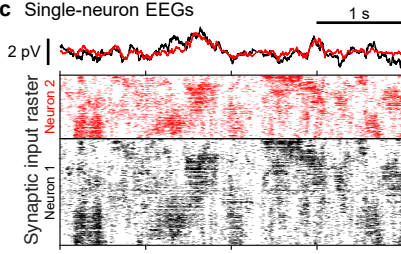
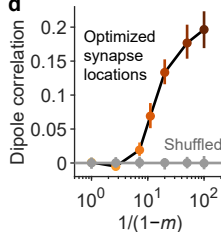
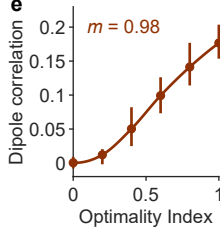
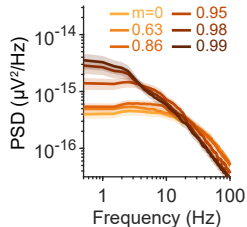
3. Project embedding onto two postsynaptic neurons



► Synapse locations will be optimized for dipole correlation

b Minimal network model

Rule #1 – Spatial corr. Rule #2 – Spike propagation

**c Single-neuron EEGs****d****e****f Unitary spectra****g Model: 25% optimality**