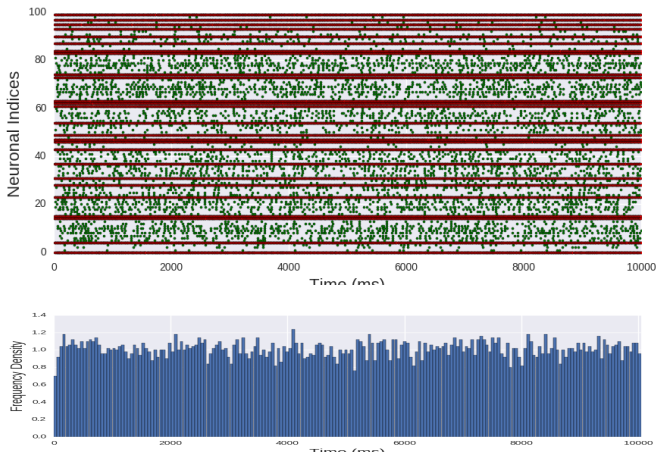# Report for I&F Neuronal Network Simulation
Week 11

Kai Chen
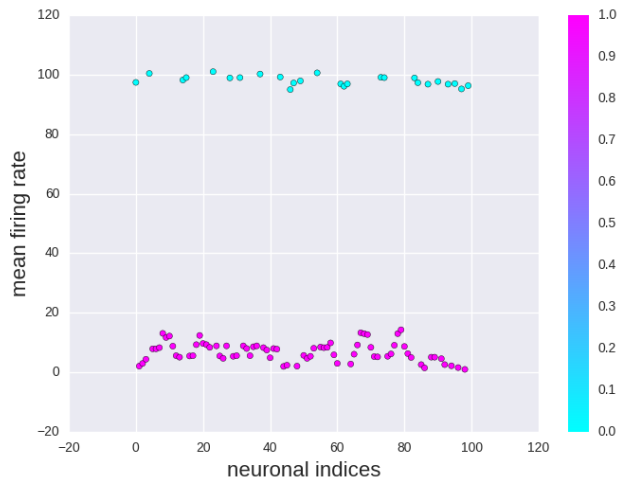
May. 5, 2017

Raster Plots
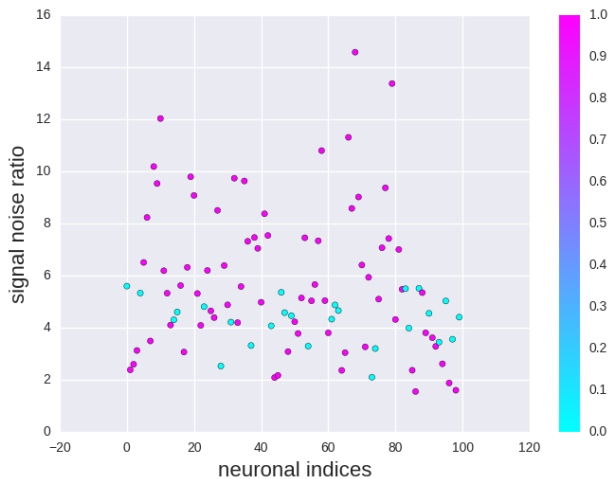

Histogram of spikes. Vertical axis indicates the number of spikes per milisecond.
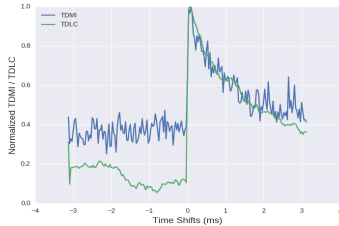
Mean Firing Rate

Signal Noise Ratio
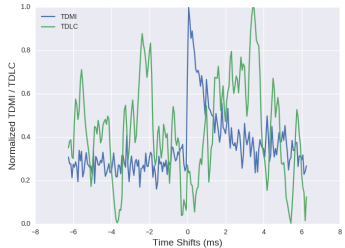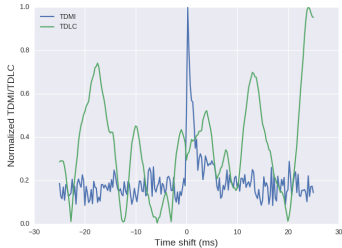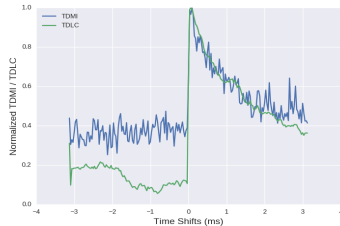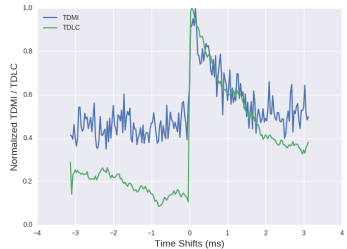

ex

Signal Noise Ratio

Signal Noise Ratio

Strange behavior for fewer Noise Ratio

TDMI #14 1st 1000~10000 ms
Expected Occupancy = 50 timing step = 0.25 ms NTS = 60 PTS = 100
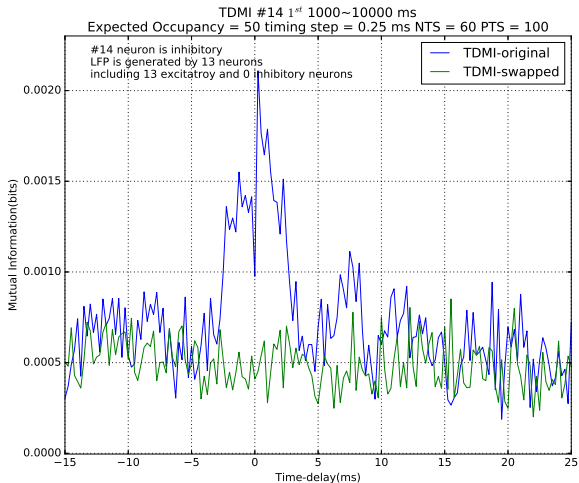
System with spike transmitting delays
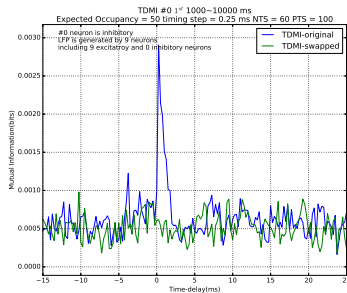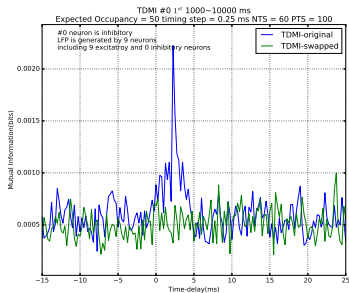
Questions

1. What is the advantage of TDMI analysis of spike and field potentials compared with GC method.
2. About theta dipole;
3. What is ripper oscillation?
4. coherence spectrum analysis?