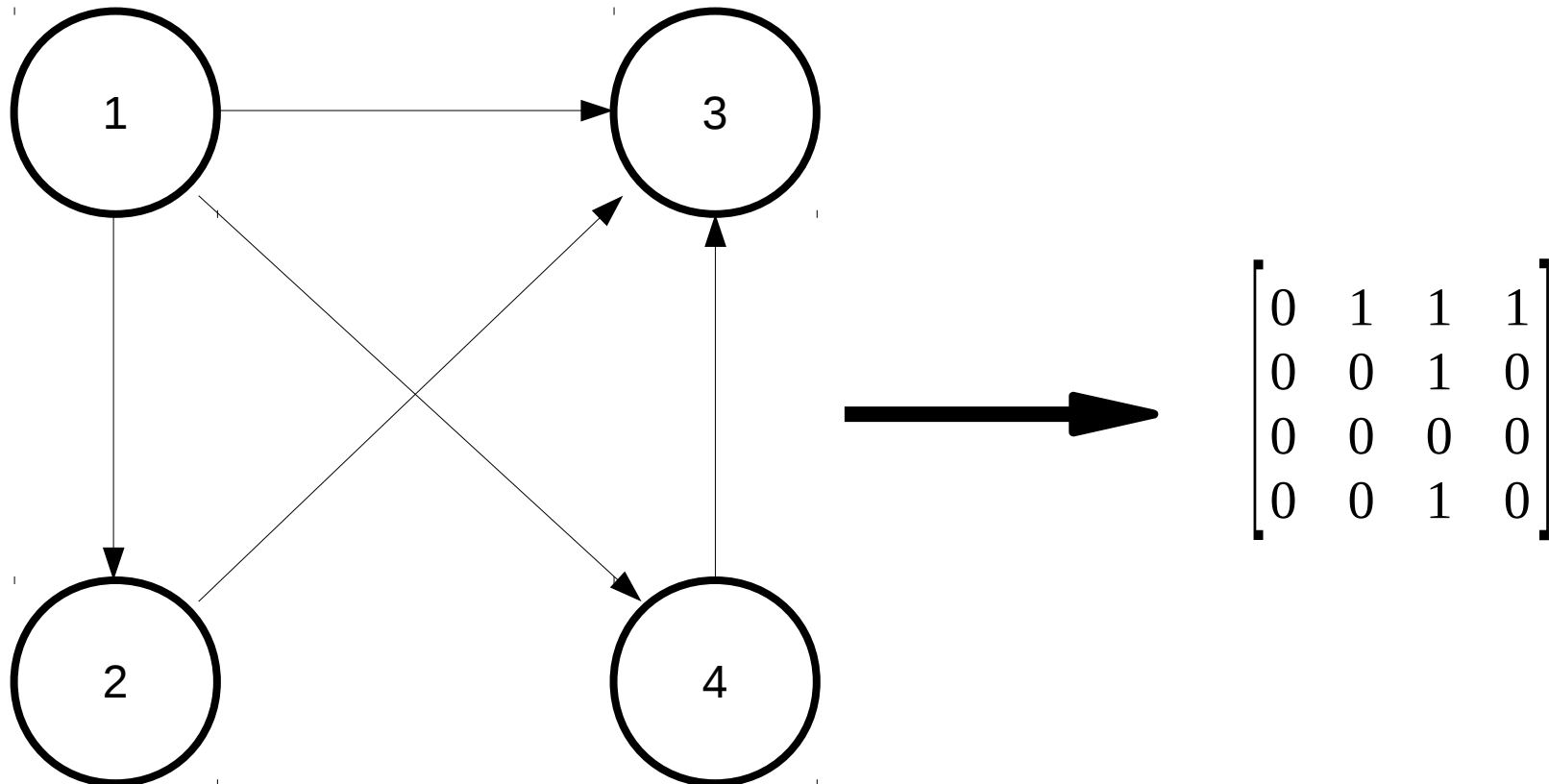
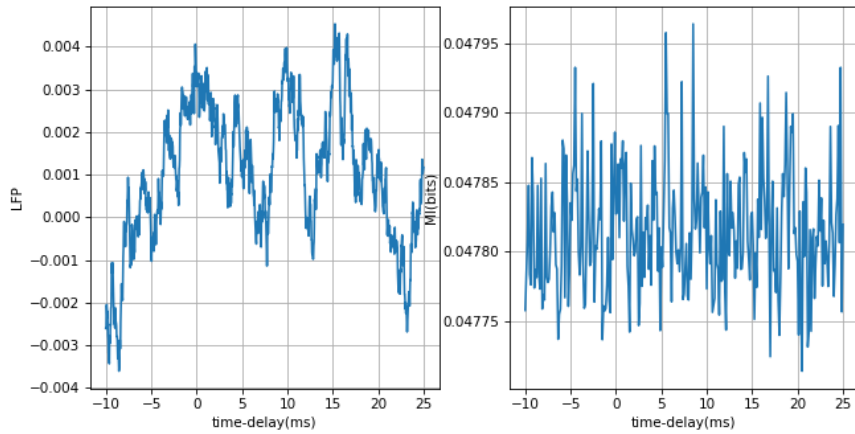


Network synaptic structure

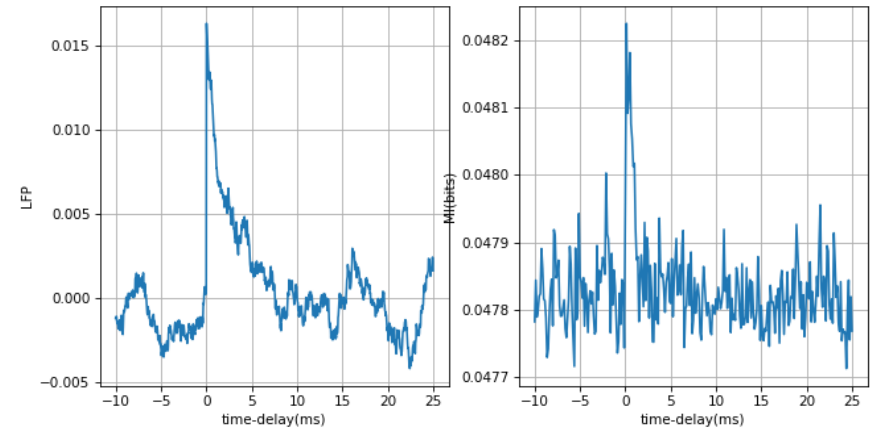


Spike-LFP Correlation

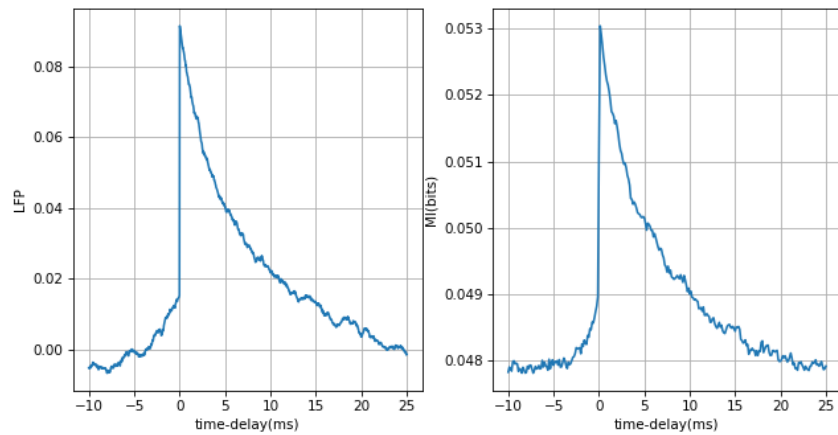
2 to 1



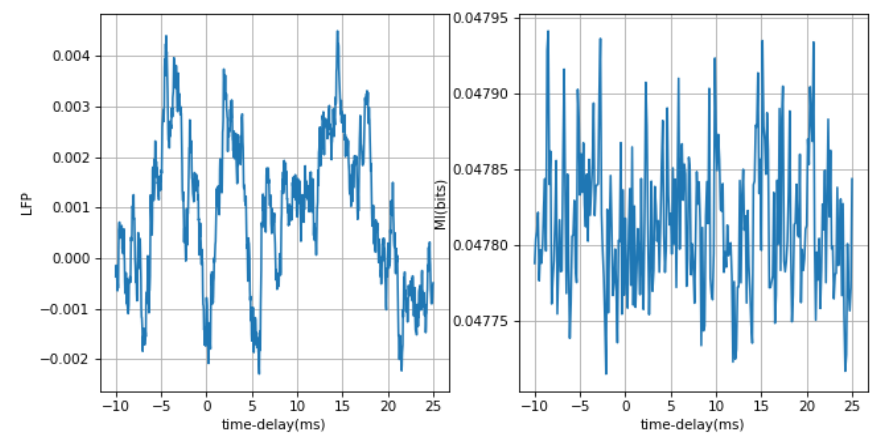
2 to 3



2 to 2

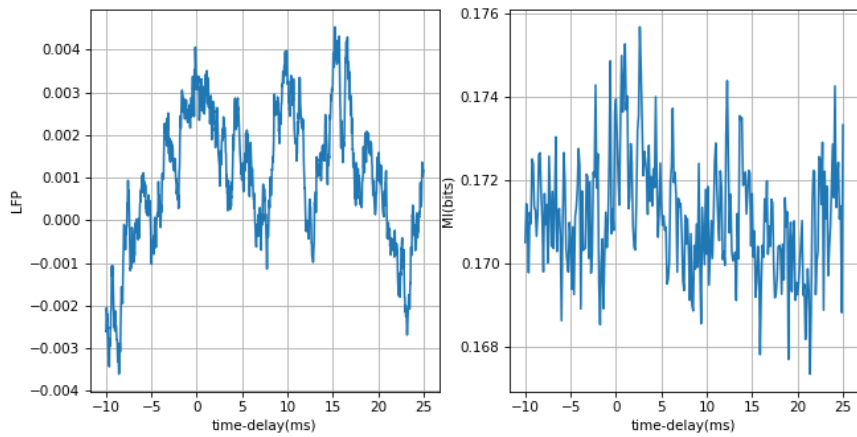


2 to 4

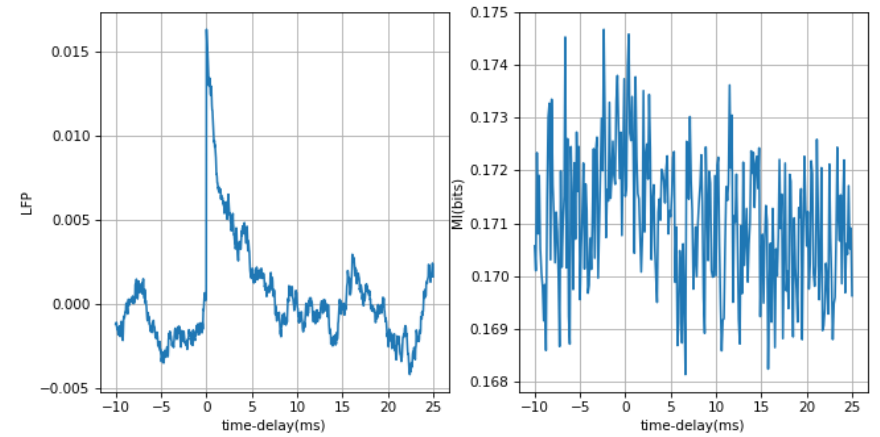


LFP-LFP Correlation

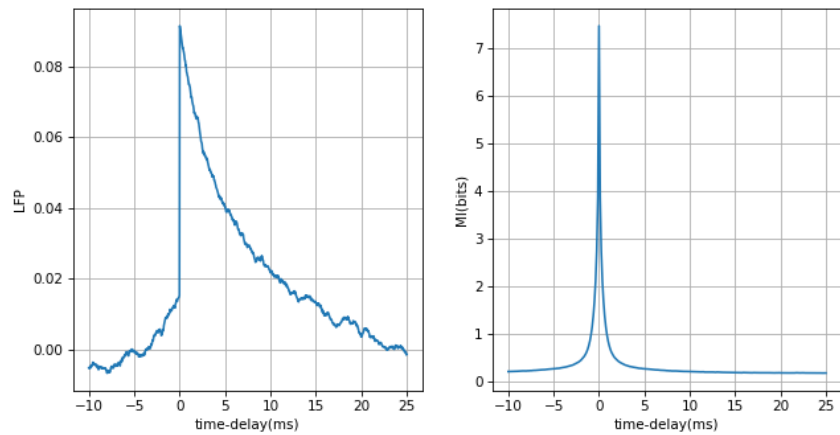
2 to 1



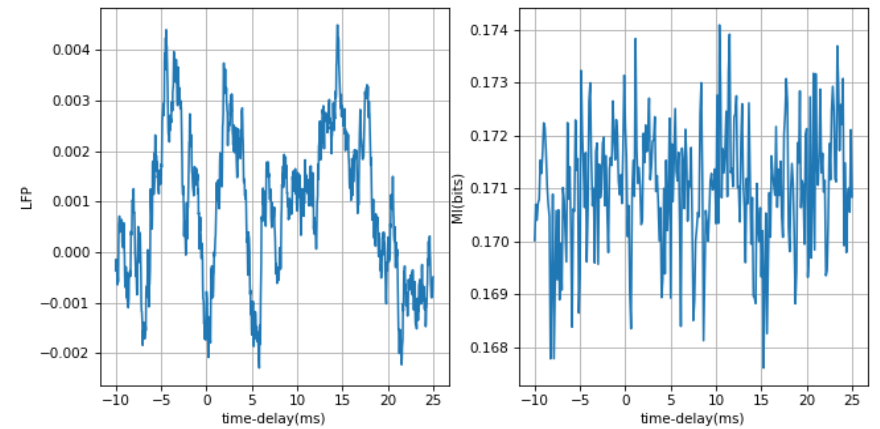
2 to 3



2 to 2

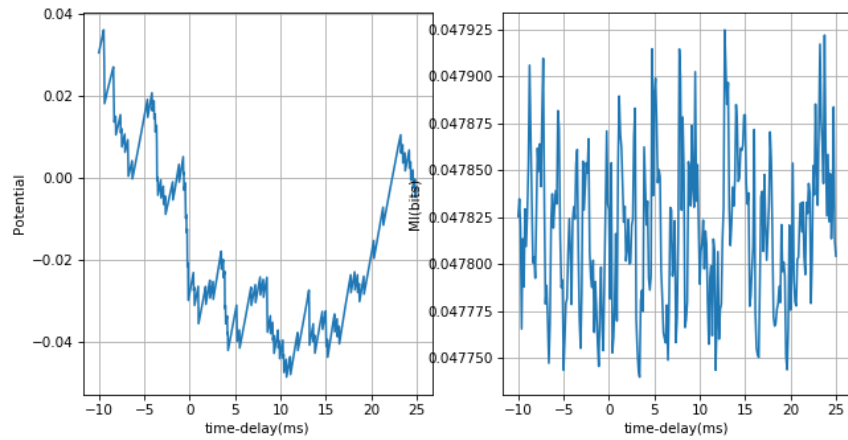


2 to 4

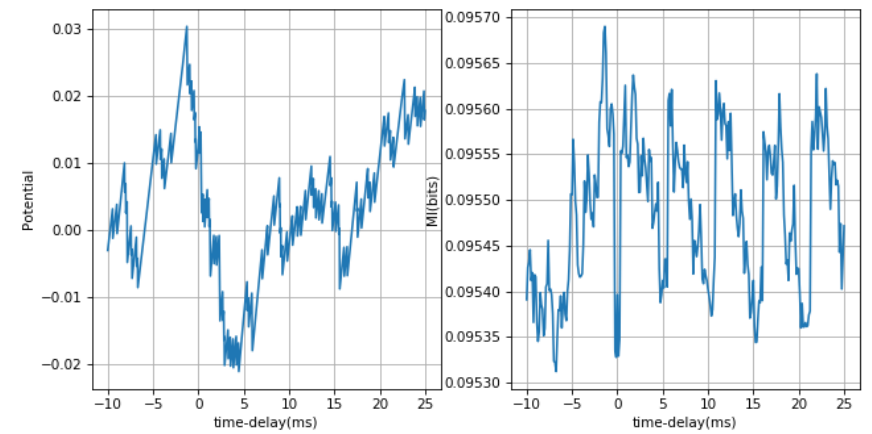


Spike-Potential Correlation

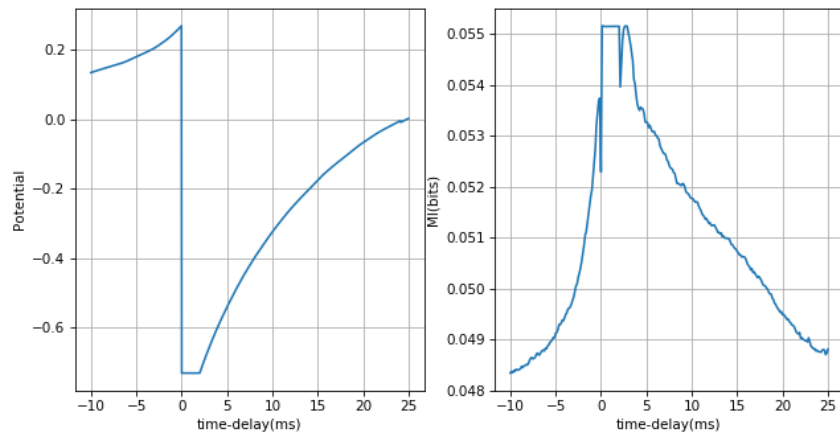
2 to 1



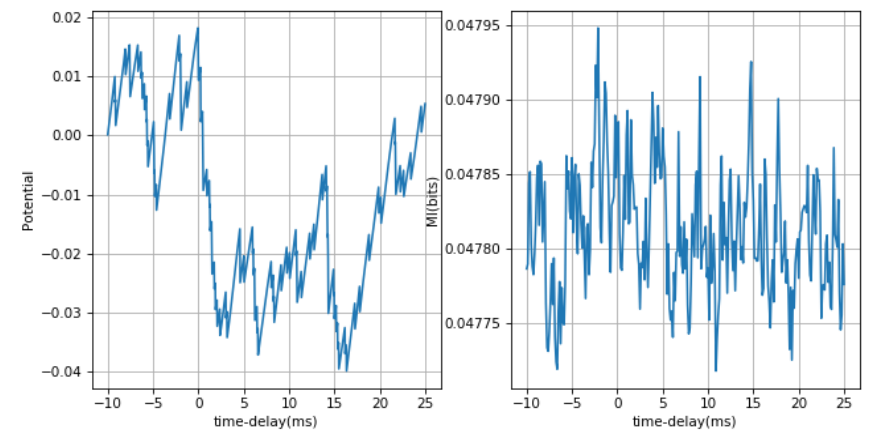
2 to 3



2 to 2

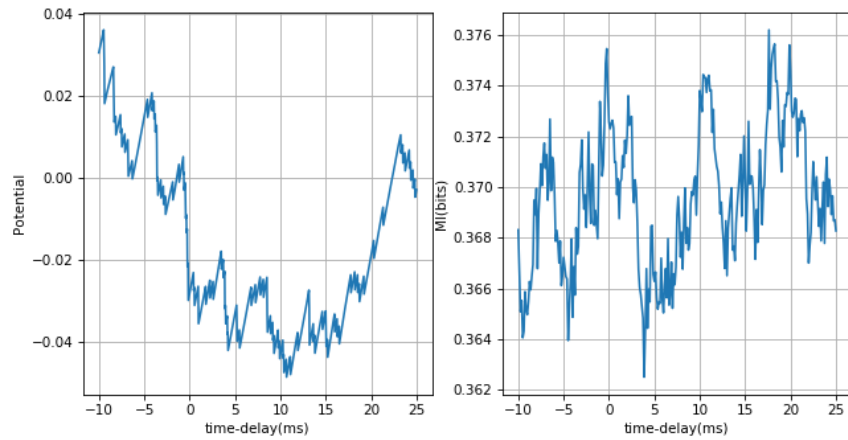


2 to 4

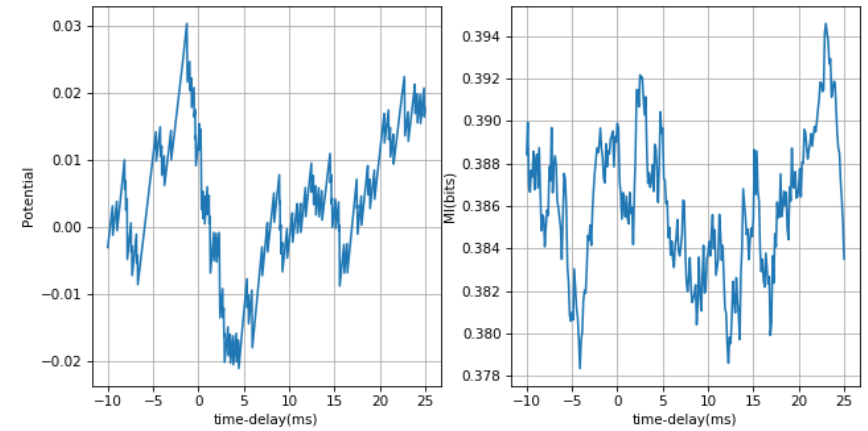


Potential-Potential Correlation

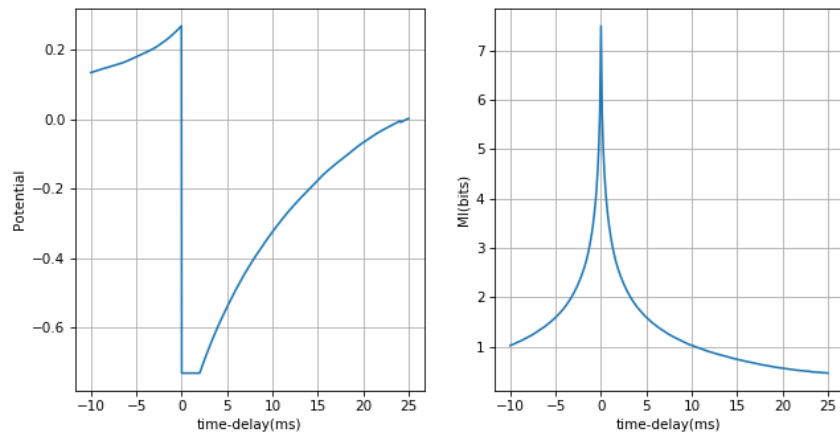
2 to 1



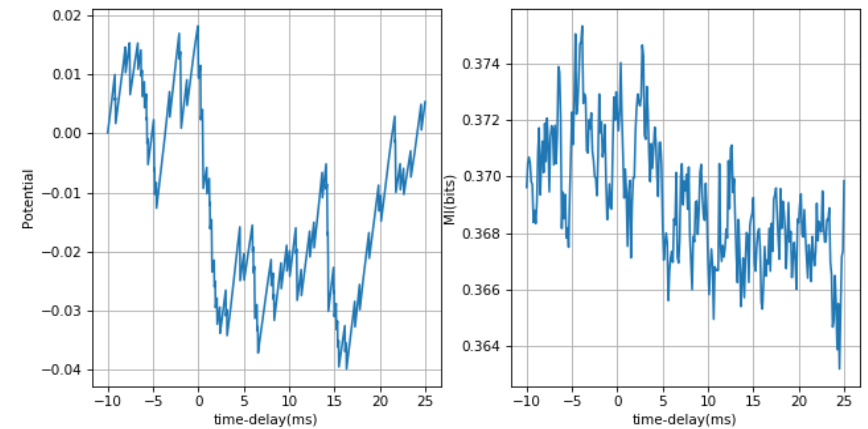
2 to 3



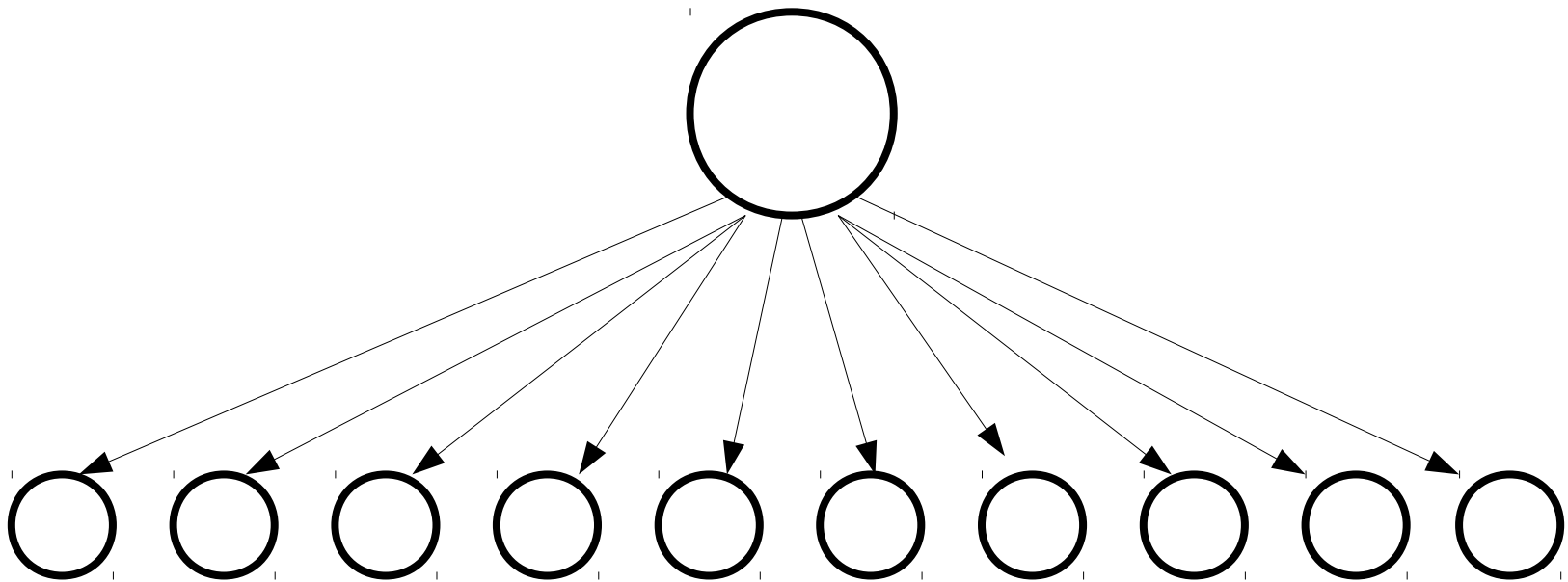
2 to 2



2 to 4



Network synaptic structure



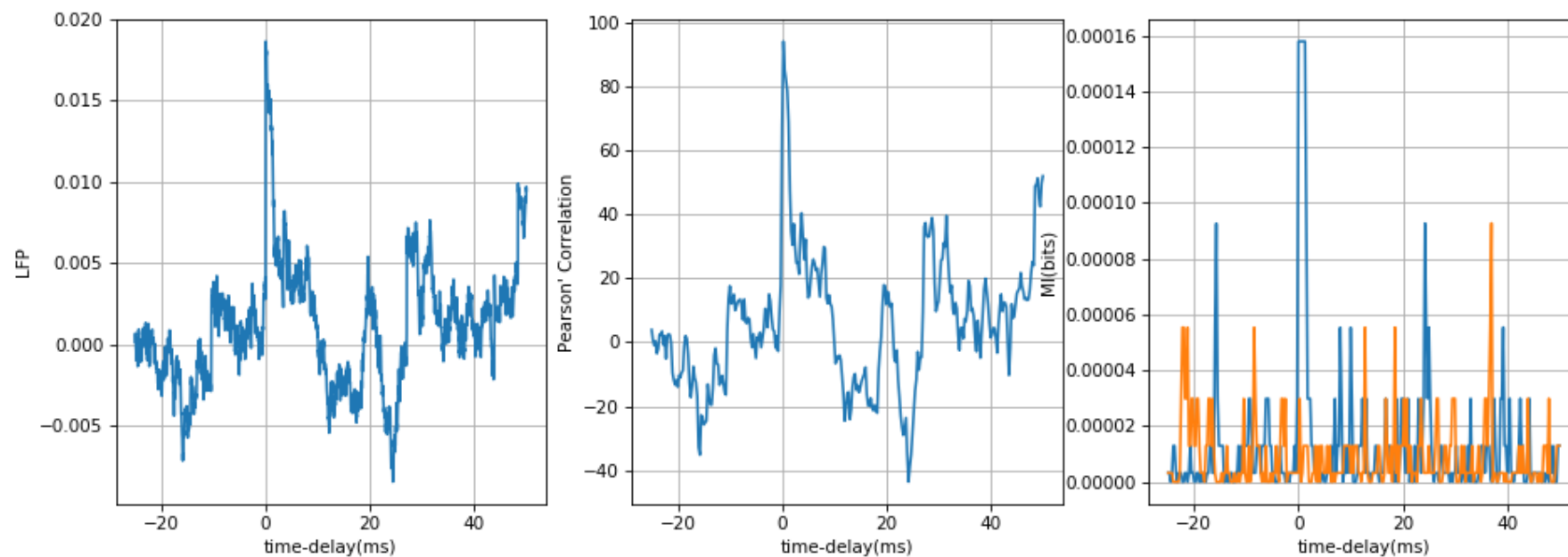
$$uf = 7.5e-3 \text{ ms}^{-2}$$

$$f = 1e-3 \text{ ms}^{-1}$$

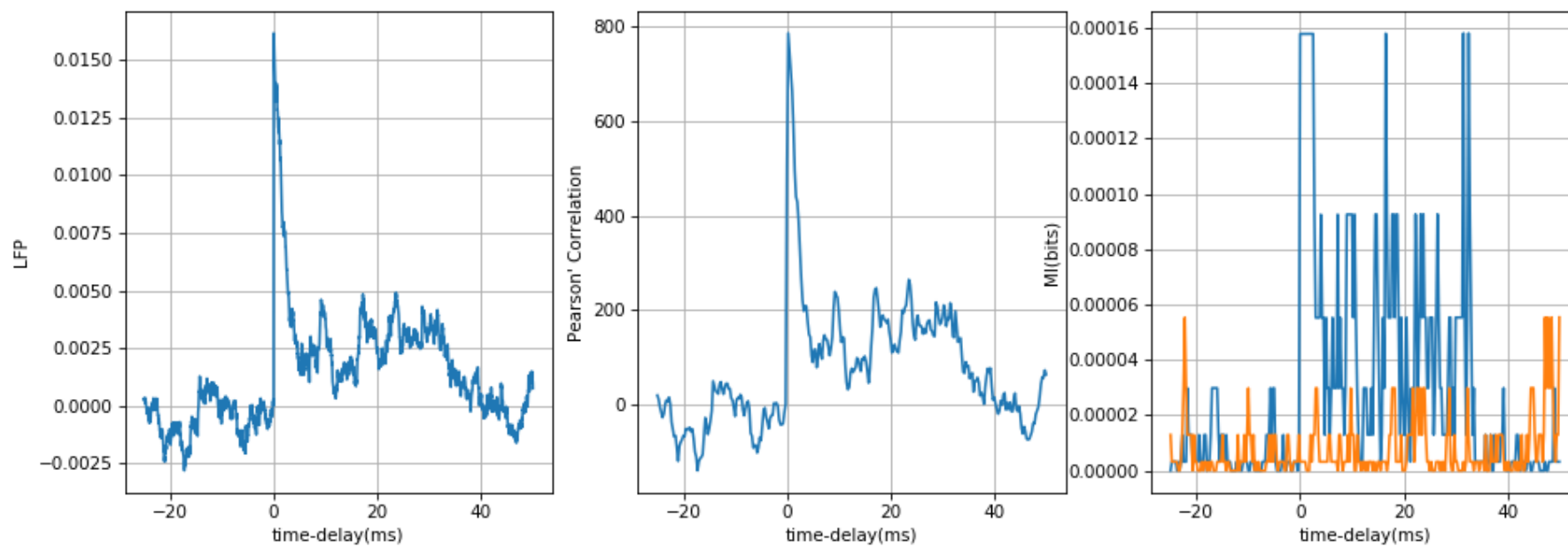
$uf = 6e-3 \text{ ms}^{-2}$

$f = 4e-3 \text{ ms}^{-1}$

LFP contributed by single neuron



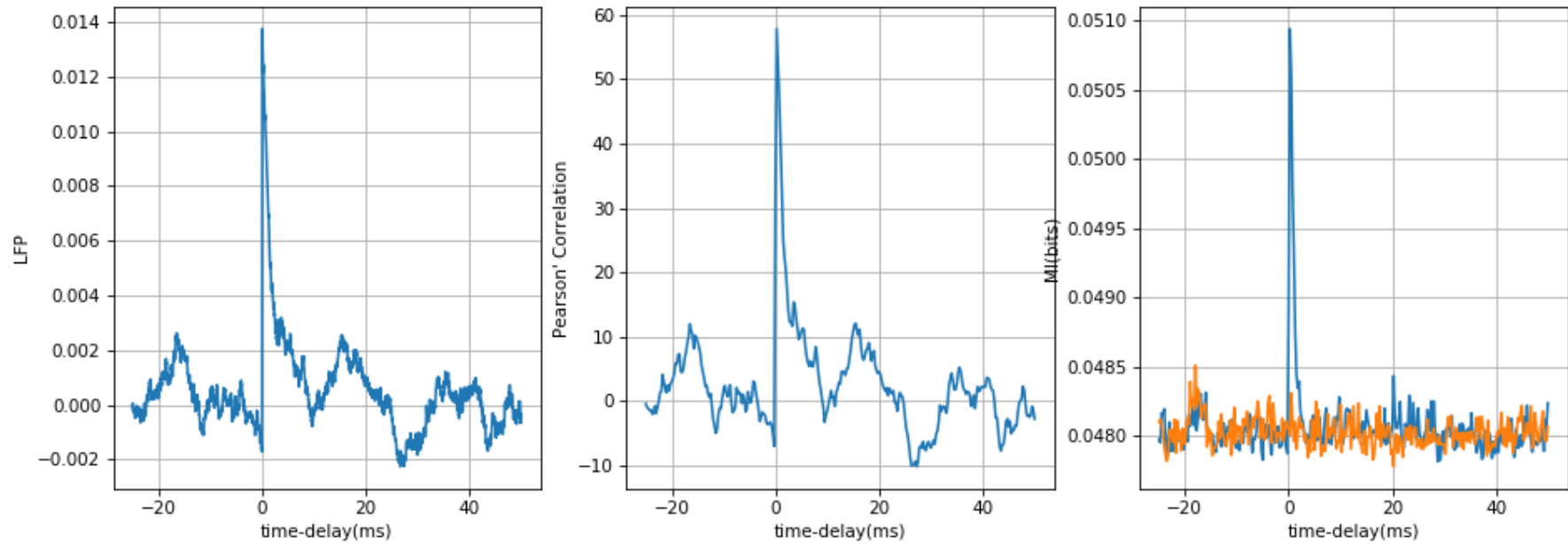
LFP contributed by 10 neurons



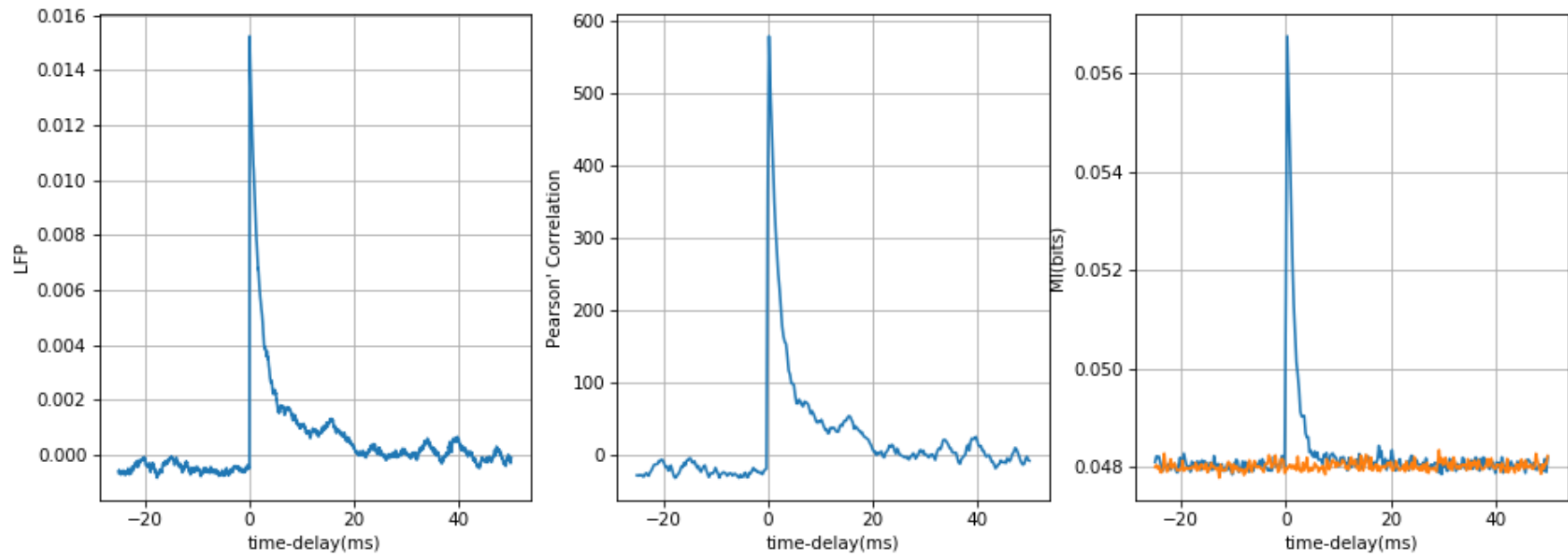
$uf = 7.5e-3 \text{ ms}^{-2}$

$f = 5e-3 \text{ ms}^{-1}$

LFP contributed by single neuron



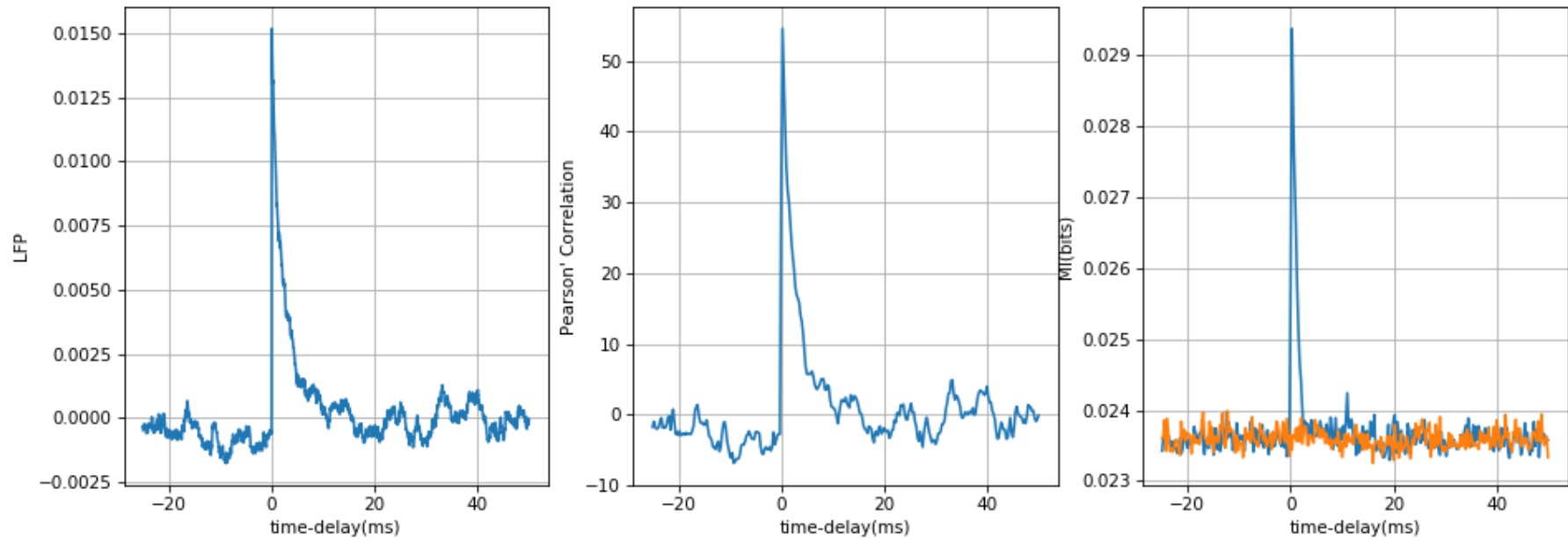
LFP contributed by 10 neurons



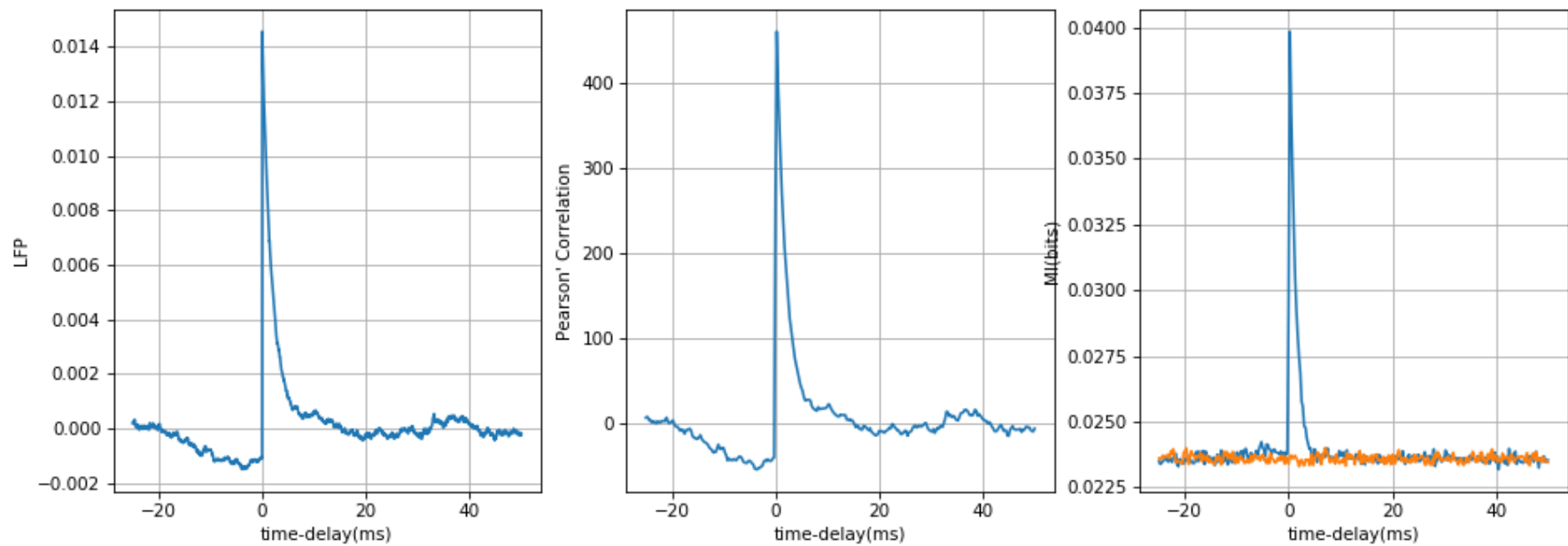
$$uf = 9e-3 \text{ ms}^{-2}$$

$$f = 6e-3 \text{ ms}^{-1}$$

LFP contributed by single neuron



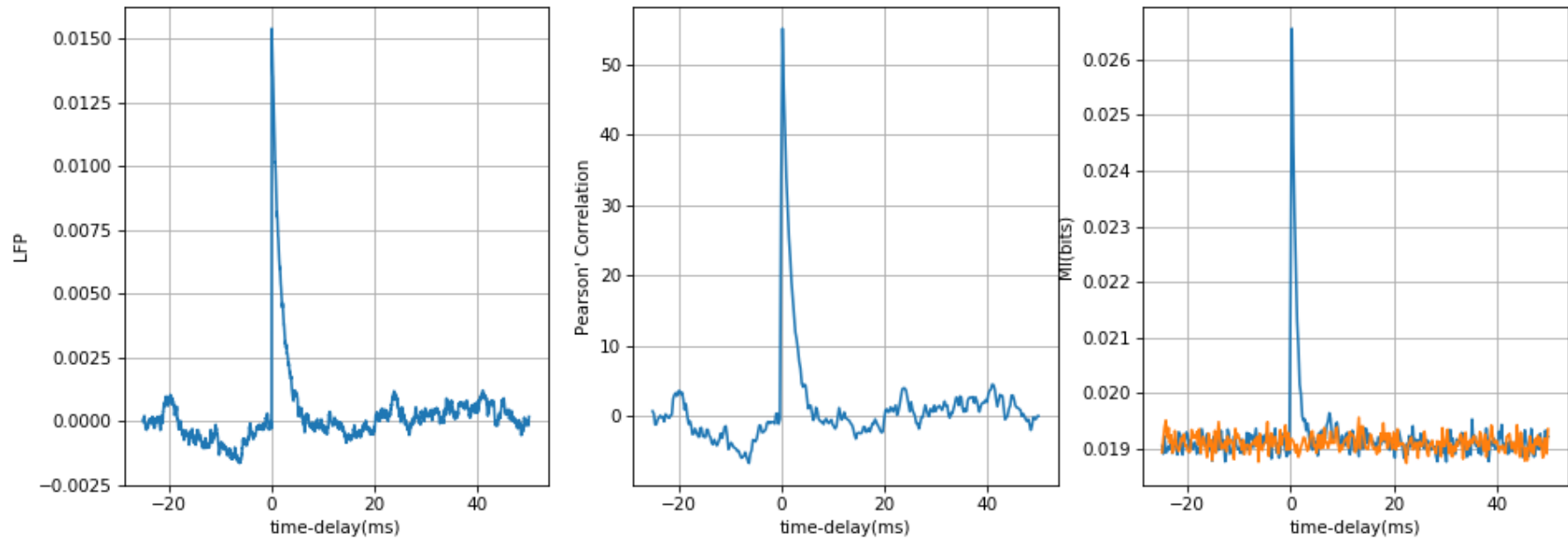
LFP contributed by 10 neurons



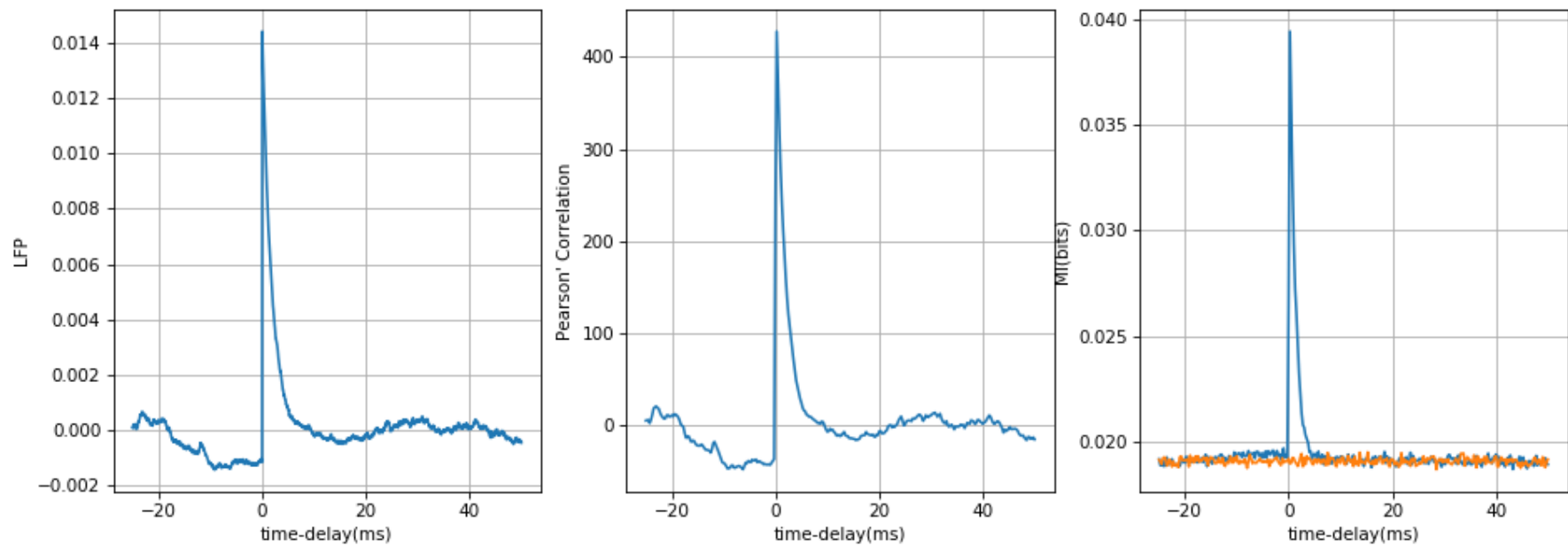
$uf = 9.75e-3 \text{ ms}^{-2}$

$f = 6.5e-3 \text{ ms}^{-1}$

LFP contributed by single neuron



LFP contributed by 10 neurons



Map of neuronal dynamical regime

