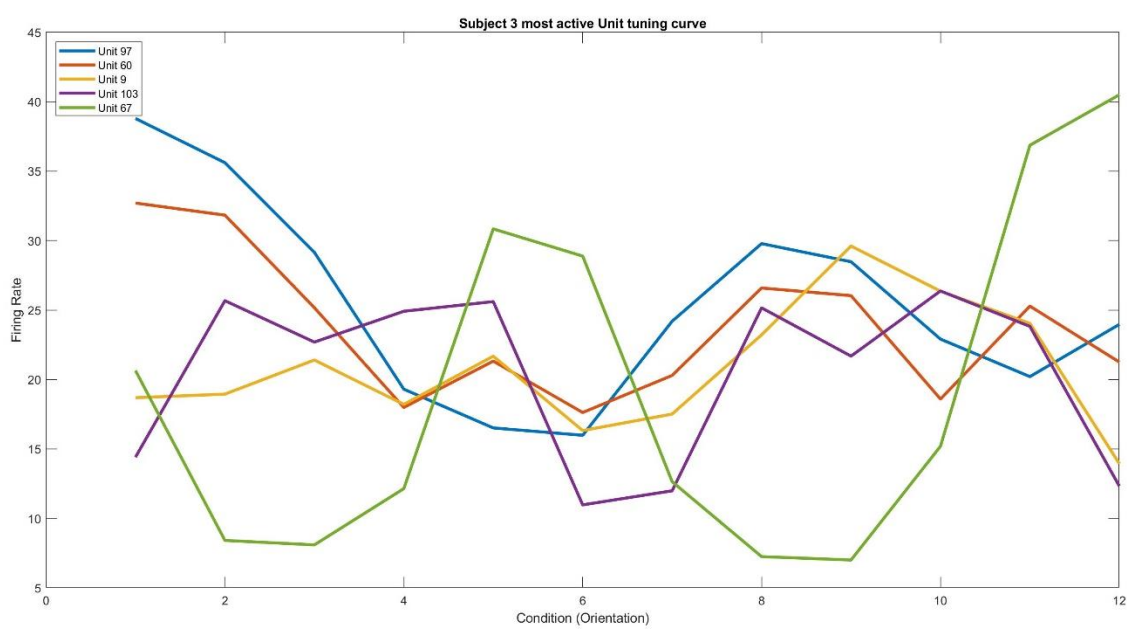
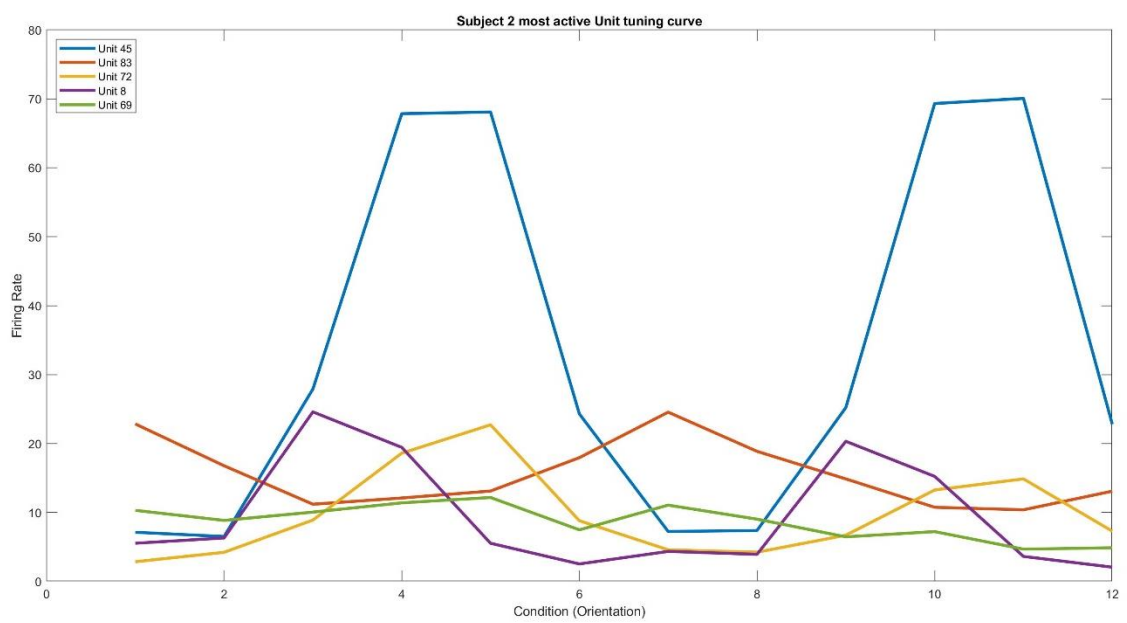
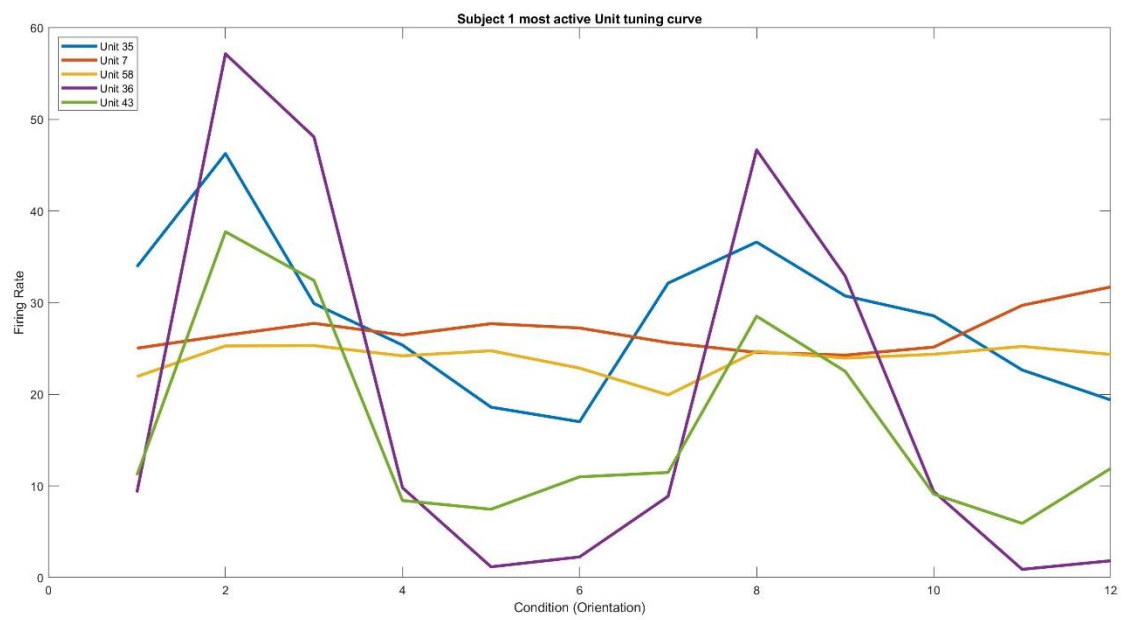
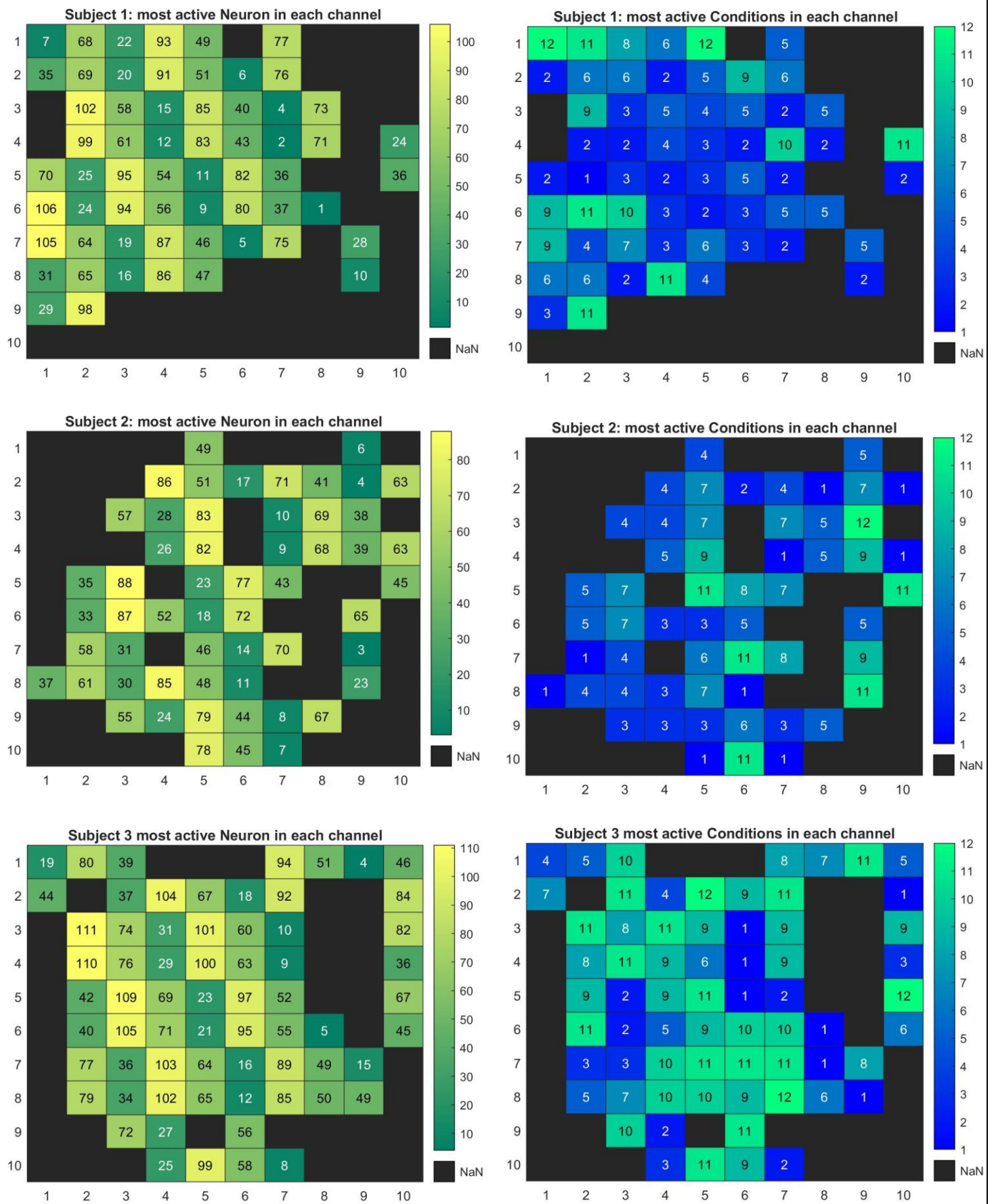


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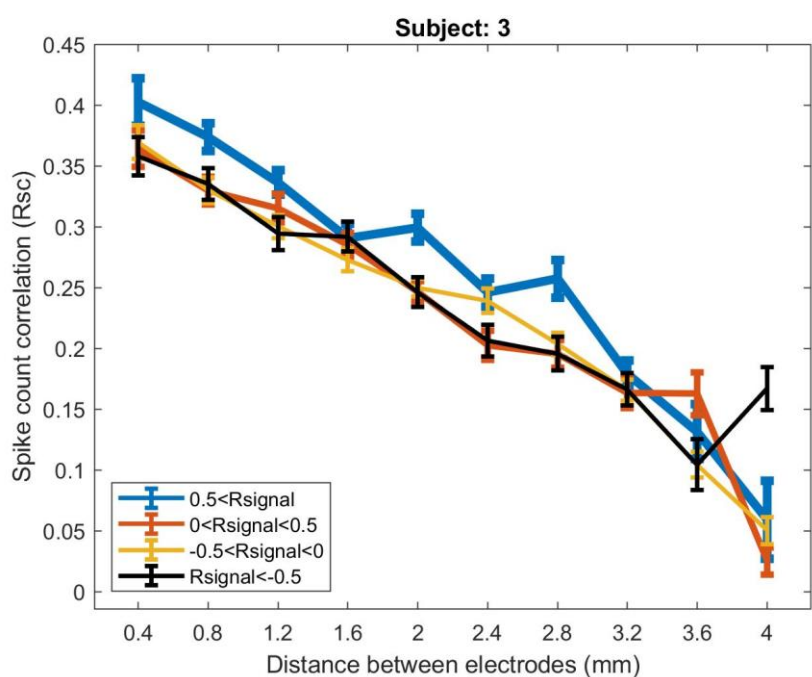
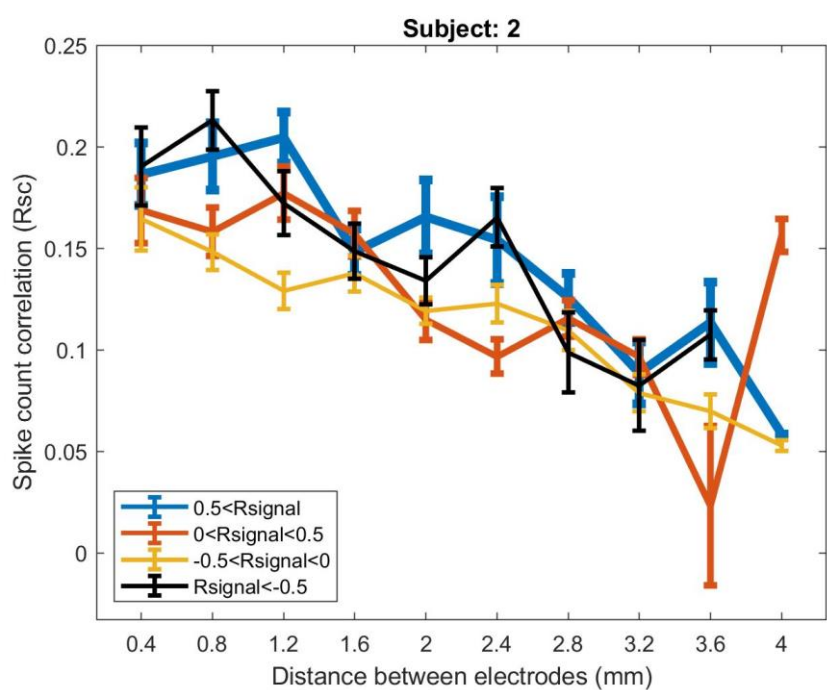
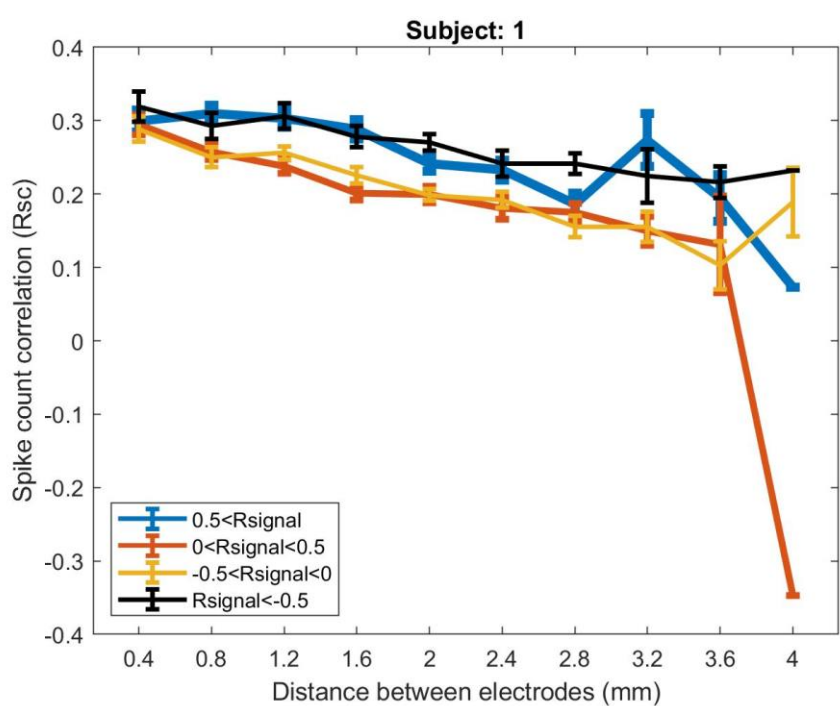
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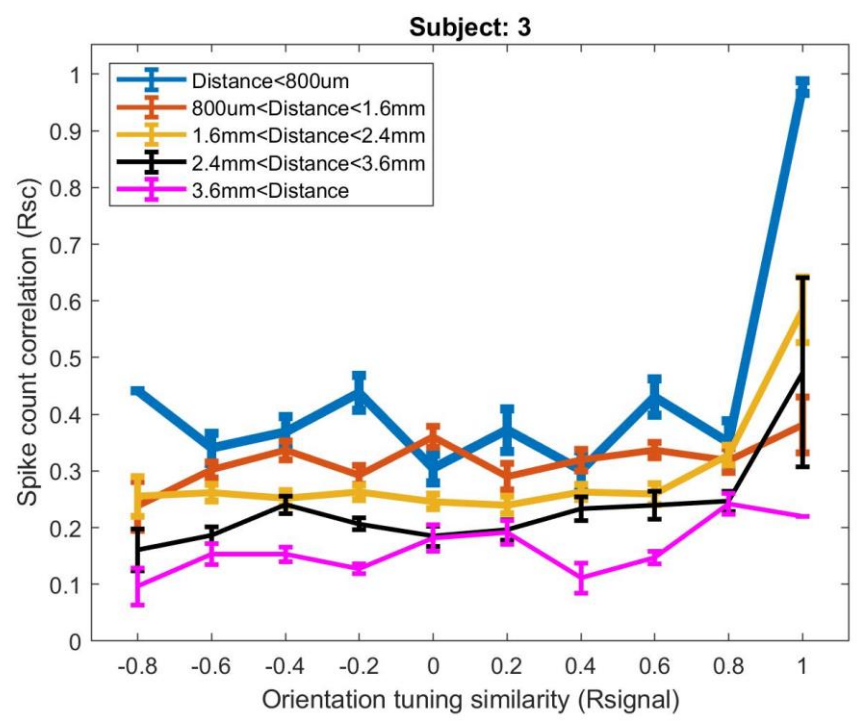
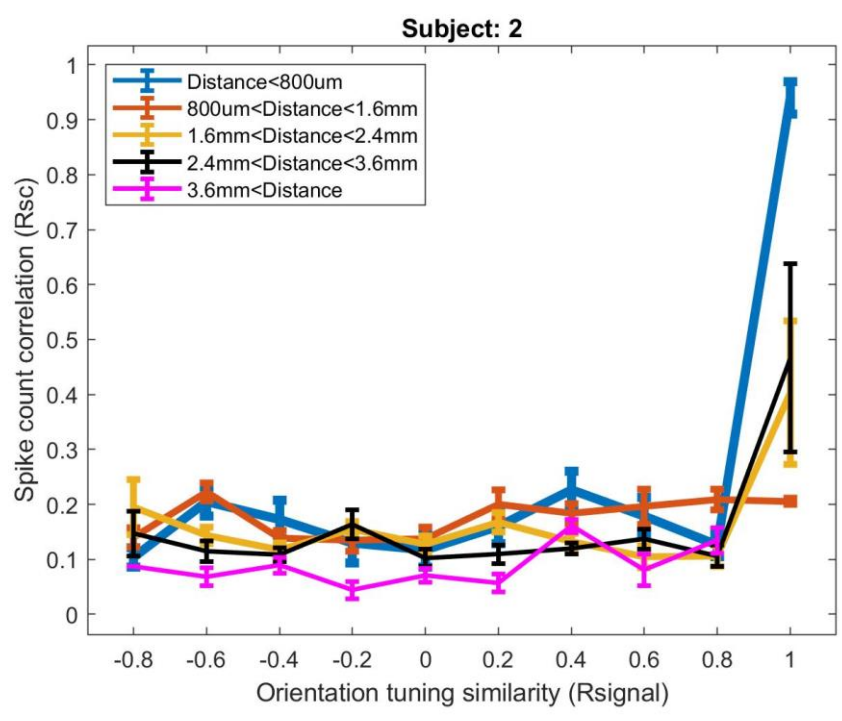
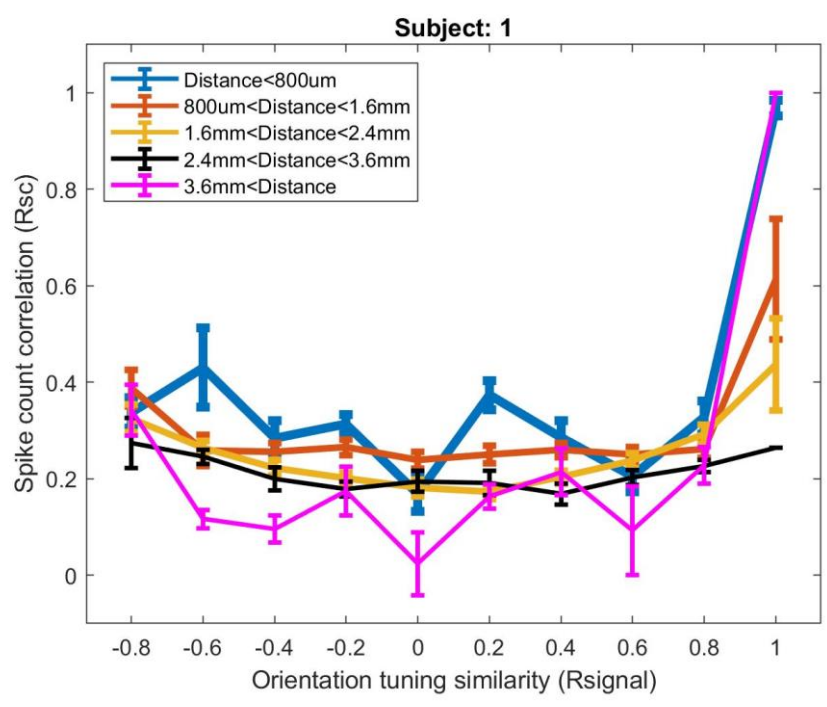


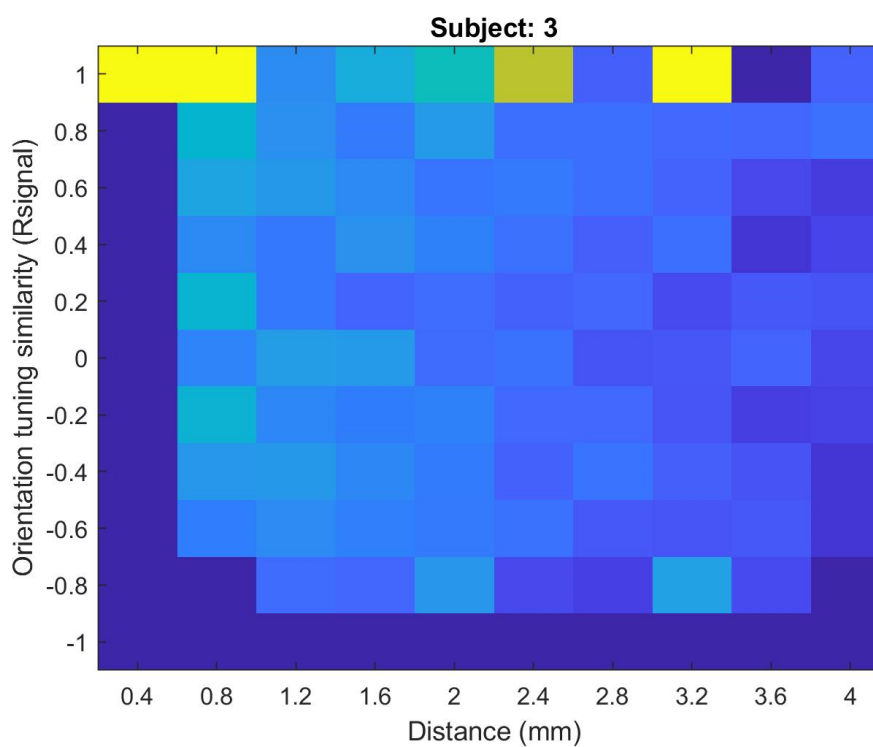
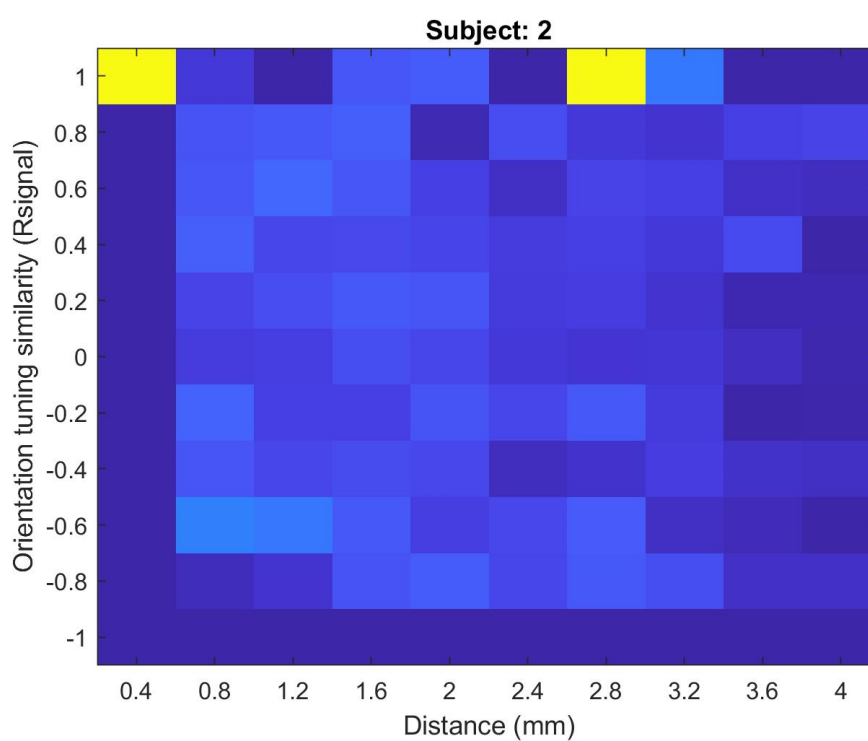
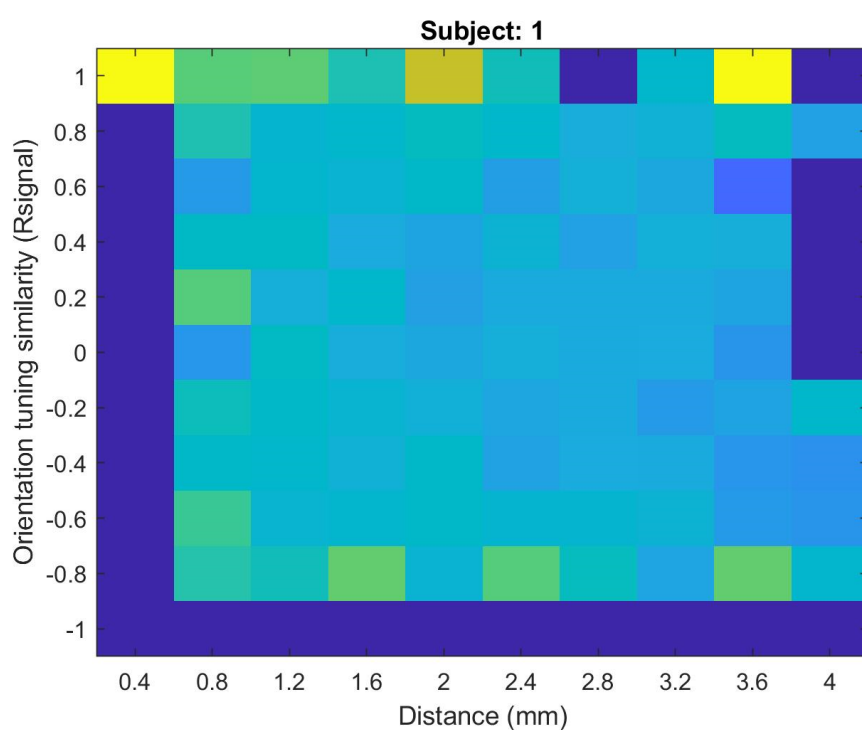
Q1: Is your results similar to pinwheel organization of orientation in the cortex? Why or why not?

Yes, neurons near each other tend to have similar behavior (same orientation in V1), but has lower resolution due to electrodes being too far apart.

• 3-







- **4-**

Neurons have similar activity when there is an active input which lowers noise correlation. While in passive input neuron populations act randomly which increases noise correlation

- **5-**

No, in spontaneous activity there are no stimulus conditions and every single recorded activity can be seen as one single condition (there are no tuning curve or preferred orientations) so correlation between conditions can not be calculated.