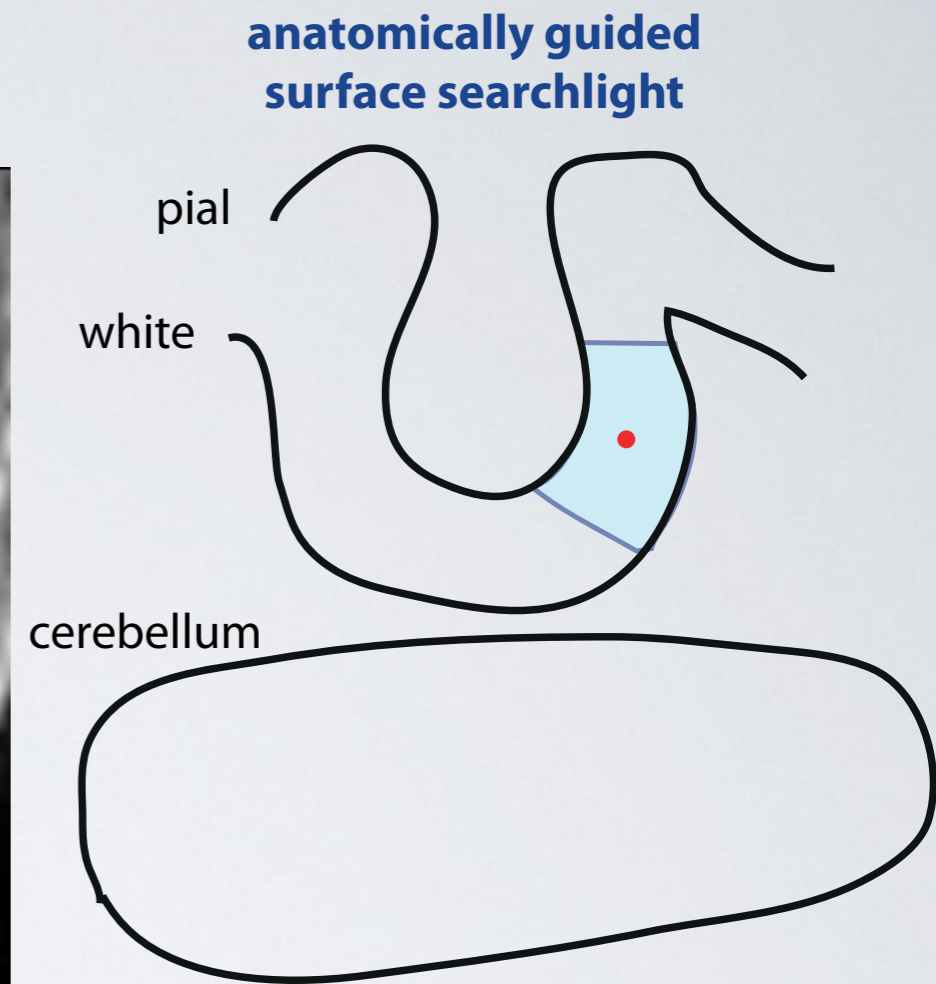
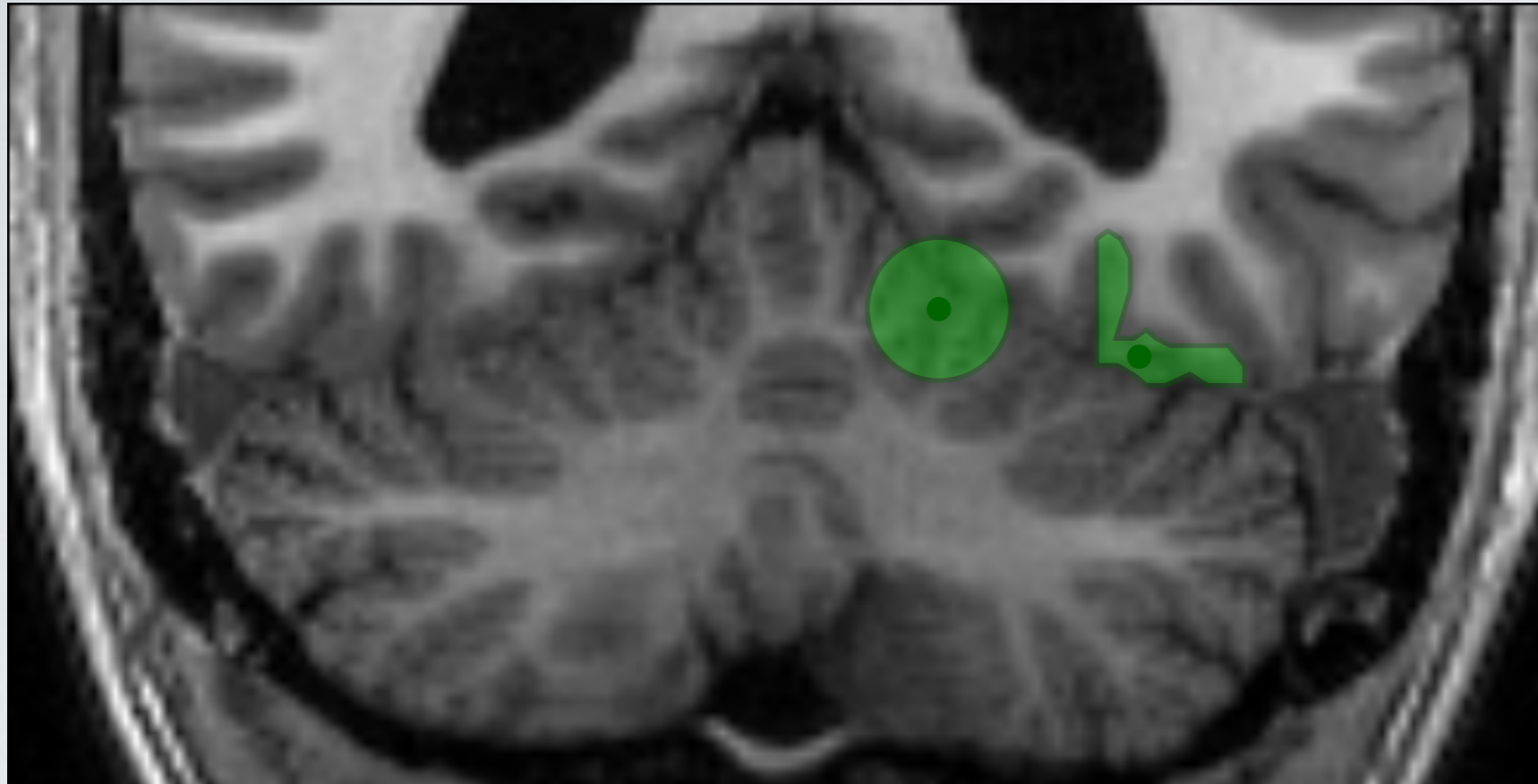


SEARCHLIGHTS TUTORIAL

Naveed Ejaz
Motor Control Group
Institute of Cognitive Neuroscience, UCL

Searchlights ...



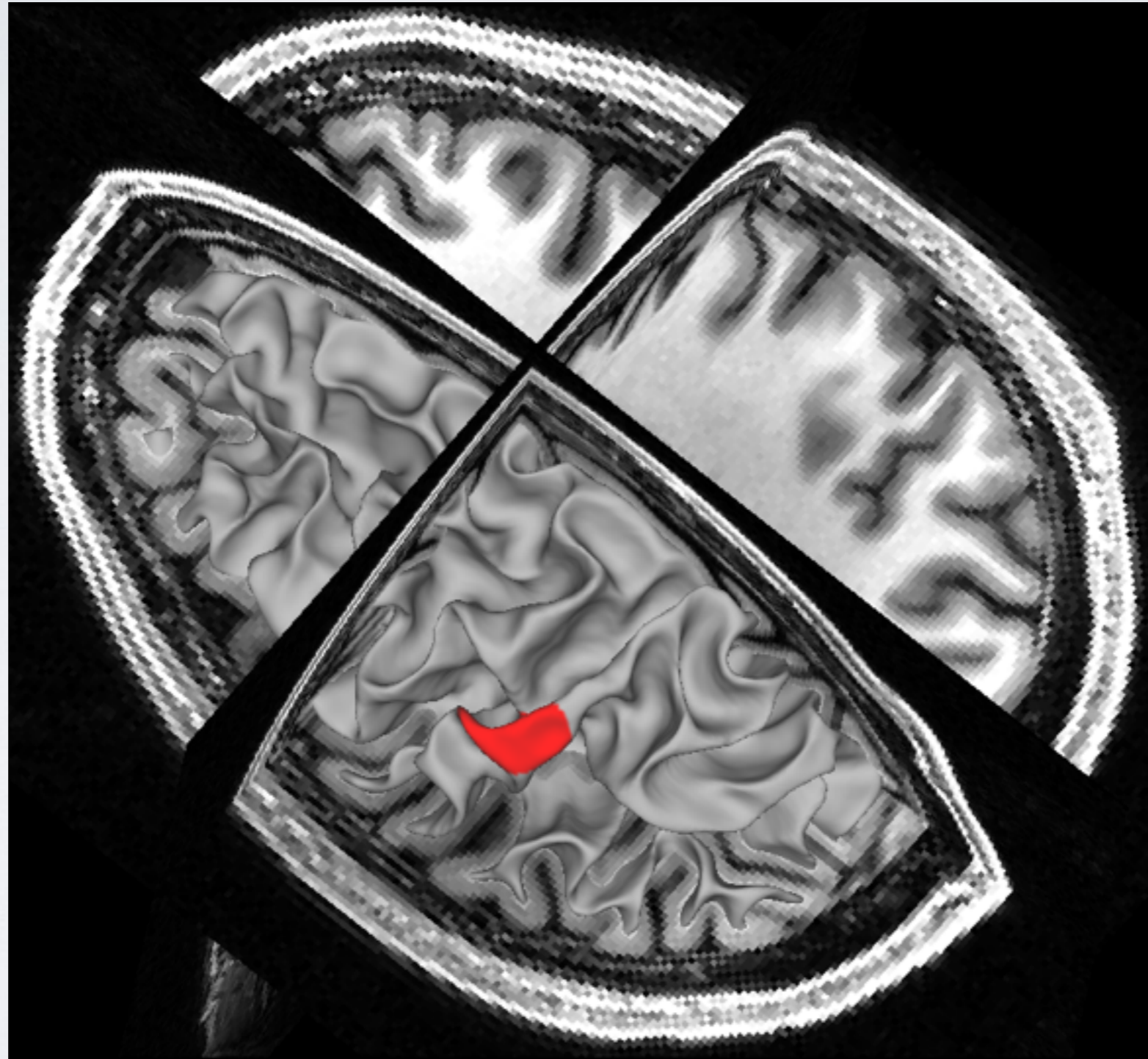
Anatomically Naive Searchlight

Volume-based spherical searchlights (Kriegeskorte et al., 2006)

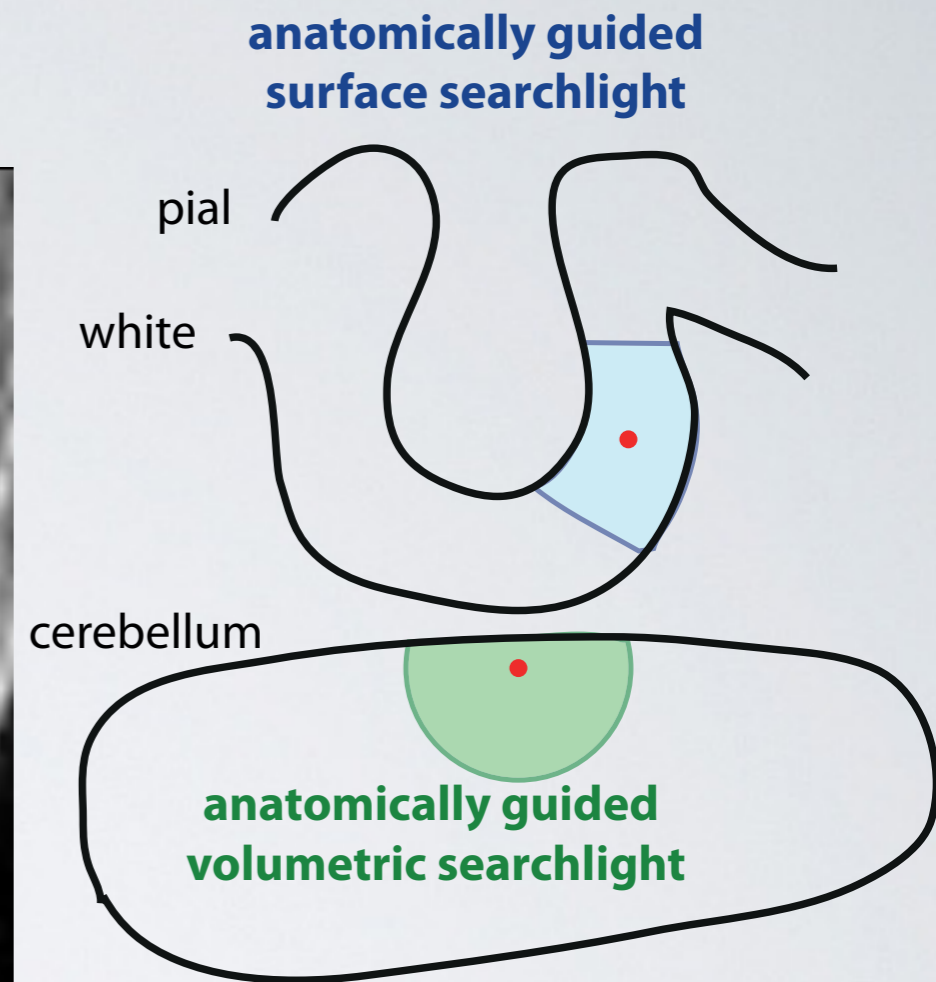
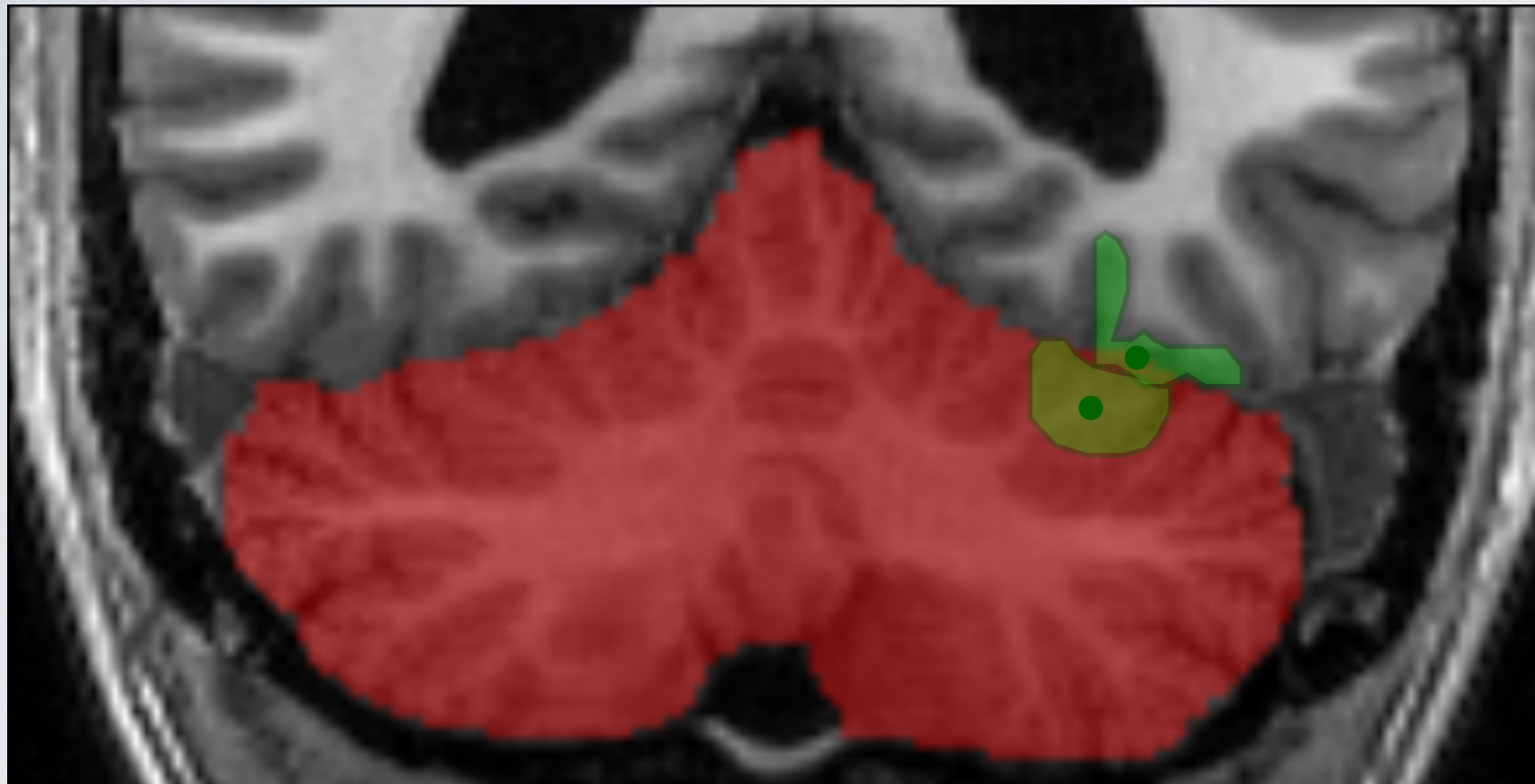
Anatomically Guided Searchlights

Surface-based searchlights (Oosterhof et al., 2011)

Anatomically-guided searchlight



Searchlights ...



Anatomically Naive Searchlight

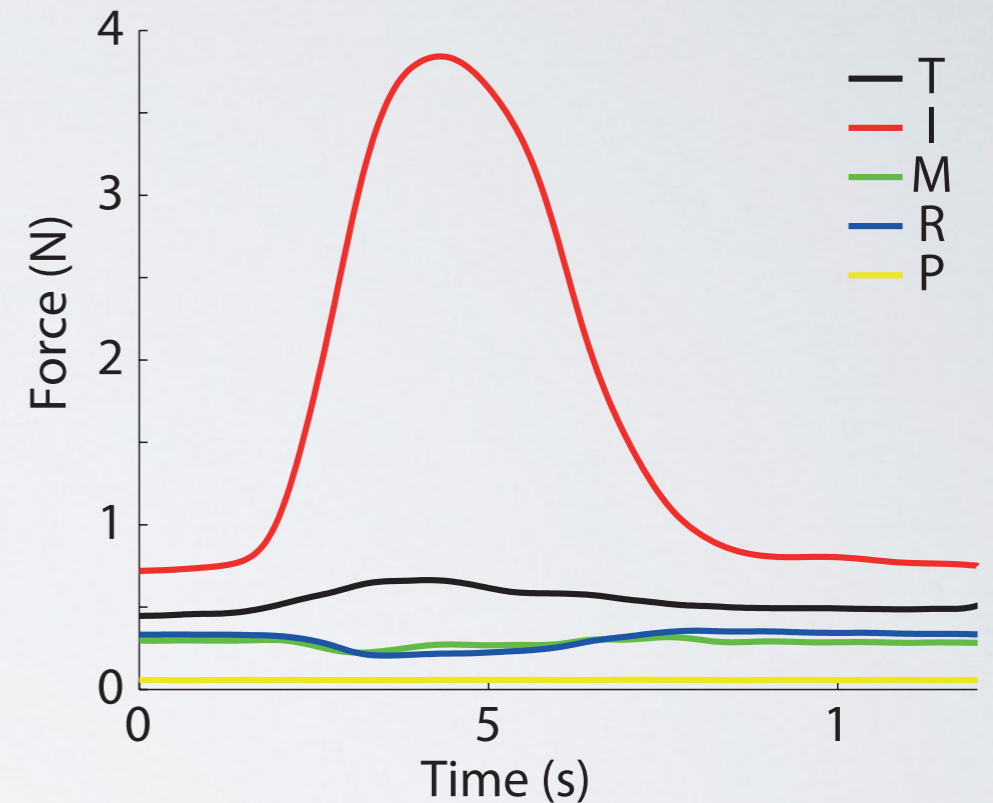
Volume-based spherical searchlights (Kriegeskorte et al., 2006)

Anatomically Guided Searchlights

Surface-based searchlights (Oosterhof et al., 2011)

Volume-based searchlights that remain within anatomical ROIs

Finger movement representations



- focus on right handed movements
- left motor cortical and right cerebellar areas