

Neuroimaging Methods for Human Research

We will split into groups to dissect Figure 6 from Tong et al., 1998. This will act as a “graded” in-class challenge assignment. Instructors will review each group’s work in this document at the end of the class.

How to dissect a figure:

1. What does the x-axis show?
2. What does the y-axis show?
3. Are there different colors or types of lines in the figure? What do those mean?
4. State the findings in scientific language as you would describe the figure in one or two sentences in a research article
5. State the findings in NON-scientific language; how would you describe this to a friend or family member?
6. What are the theoretical / conceptual implications of these findings?
7. Food for thought: What are the difficulties associated with conducting neuroscience research in humans? Is it important for the non-scientific community to understand these difficulties?