Neural Mechanisms of Memory Control and Selection
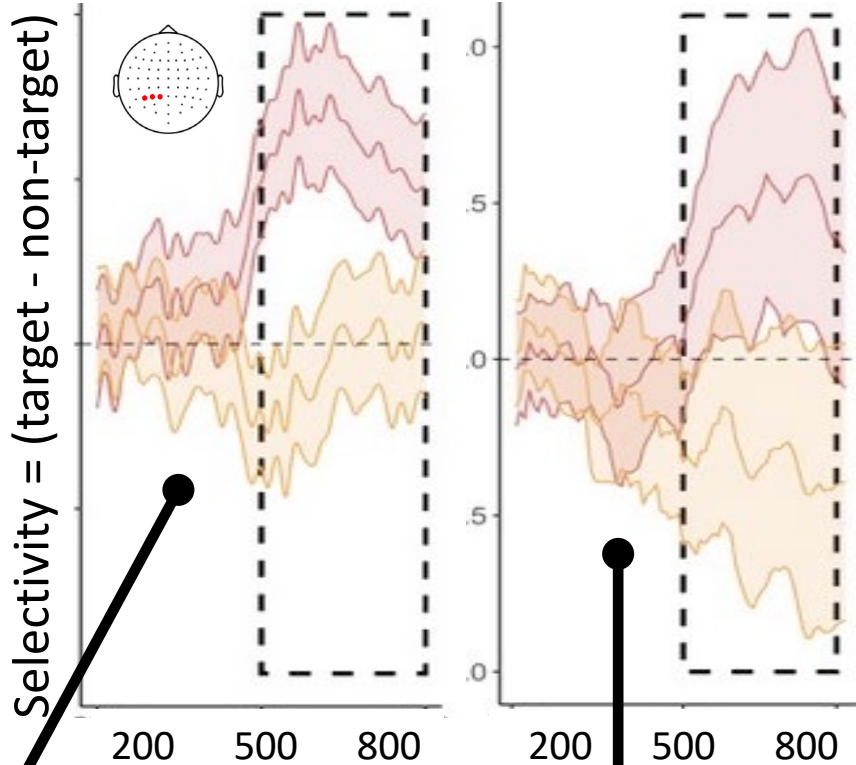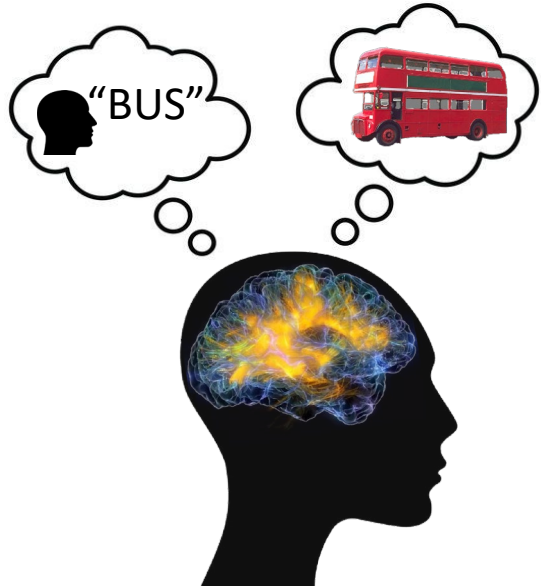Arianna Moccia, Matthew Plummer and Alexa M. Morcom (Grant 169/18)

Selectivity = (target - non-target)

Test targets = audio or pictures and cues overlap with **TARGET** or **NON-TARGET** memories

BUS?

External cues that strongly overlap targeted memories support goal-driven remembering

But retrieval of reinstated information from studied events is driven by external cues

May be multiple stages of selection

Left parietal ERP (recollection) target-selective if cues overlap **TARGETS** and non-selective if cues overlap **NON-TARGETS**

Study-test neural pattern reinstatement is target-selective if cues overlap **TARGETS** but reverse-selective if the cues overlap **NON-TARGETS**