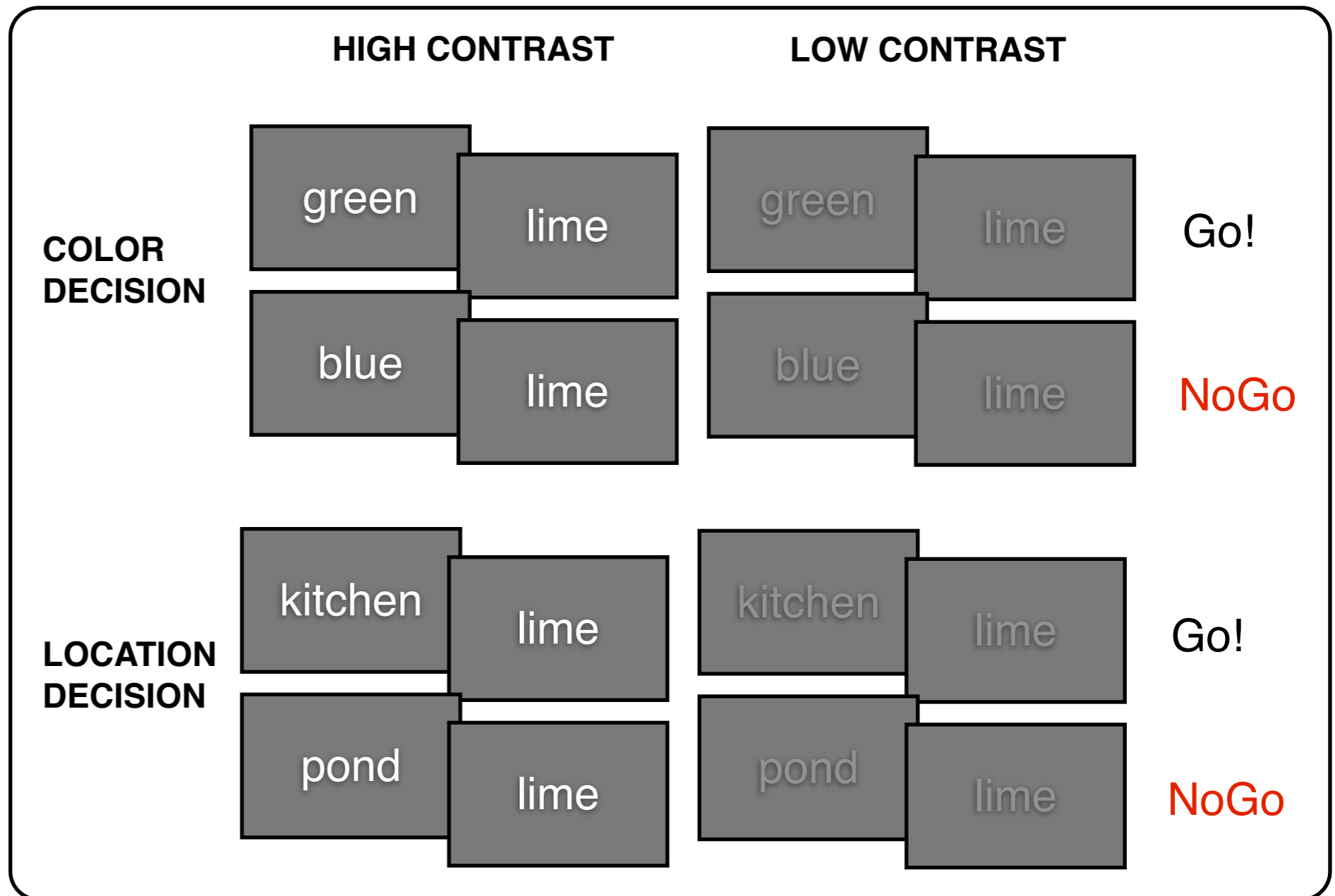
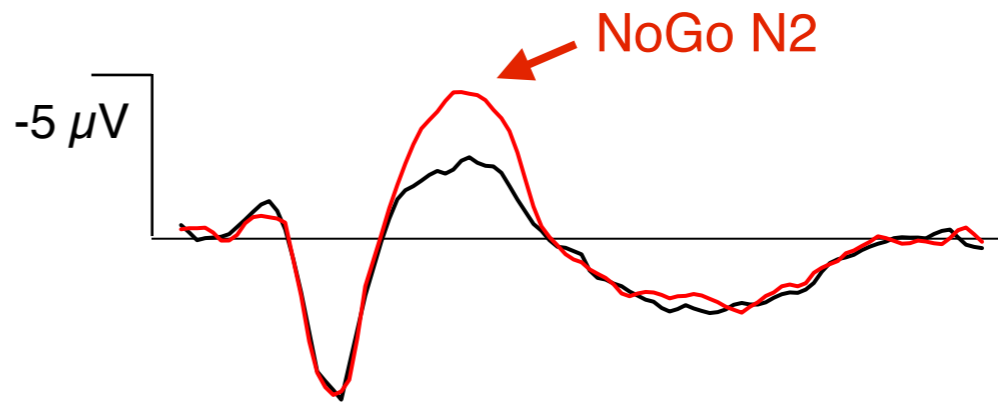
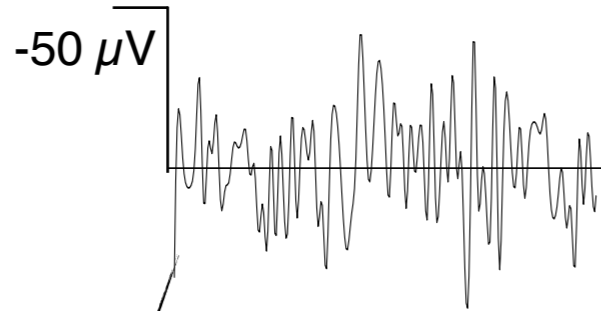
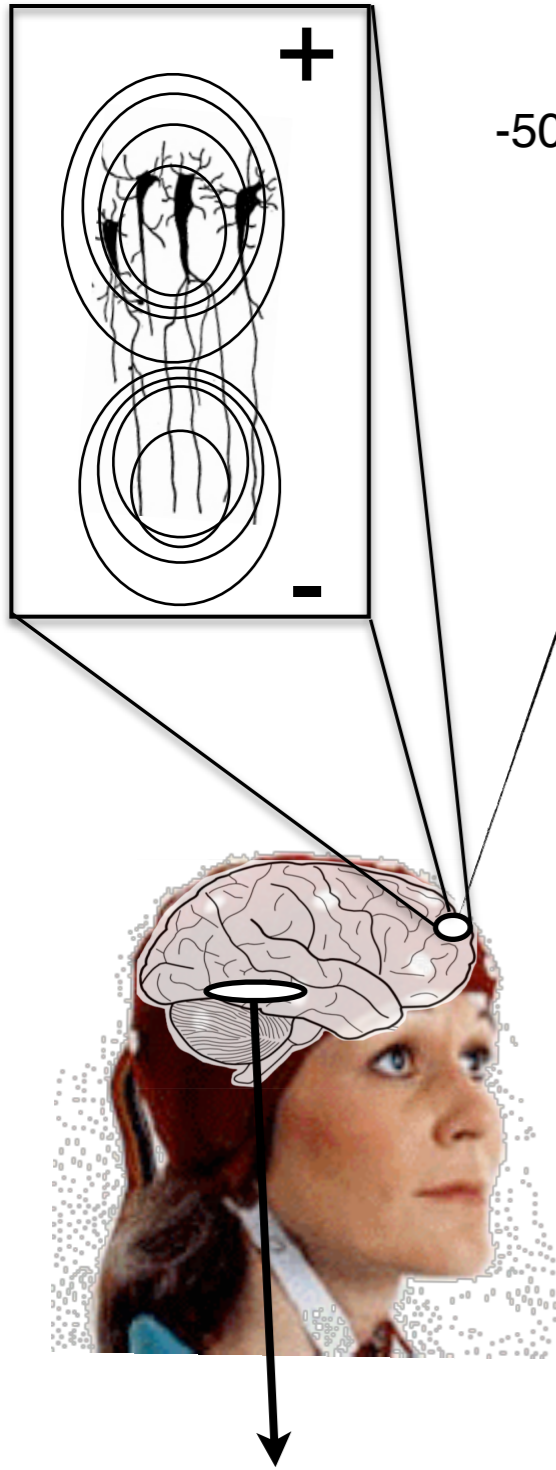


From Microvolts to Meaning

Ben D. Amsel, Ph.D.

Postdoctoral Fellow
Institute for Neural Computation



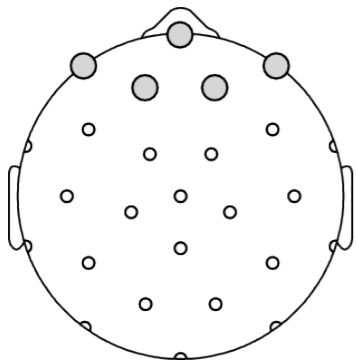
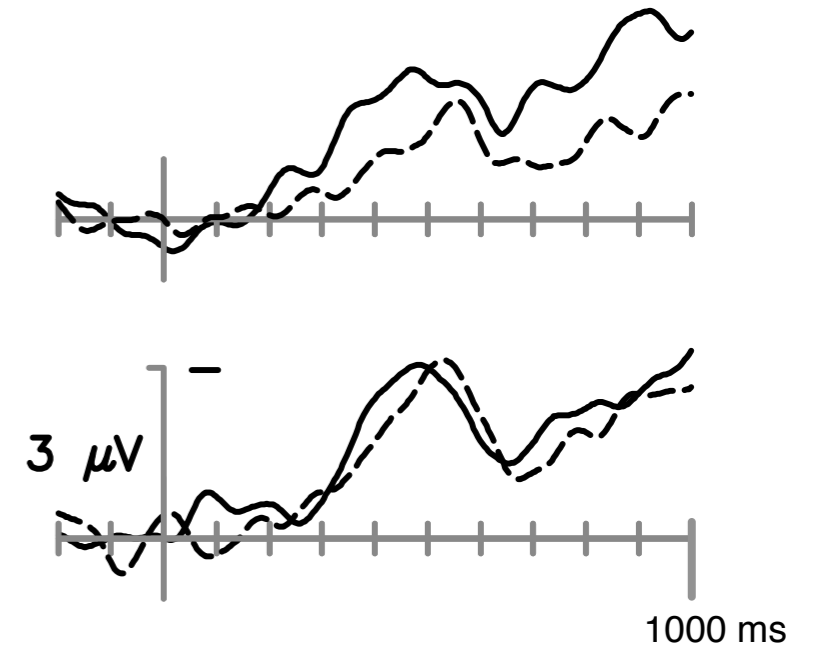
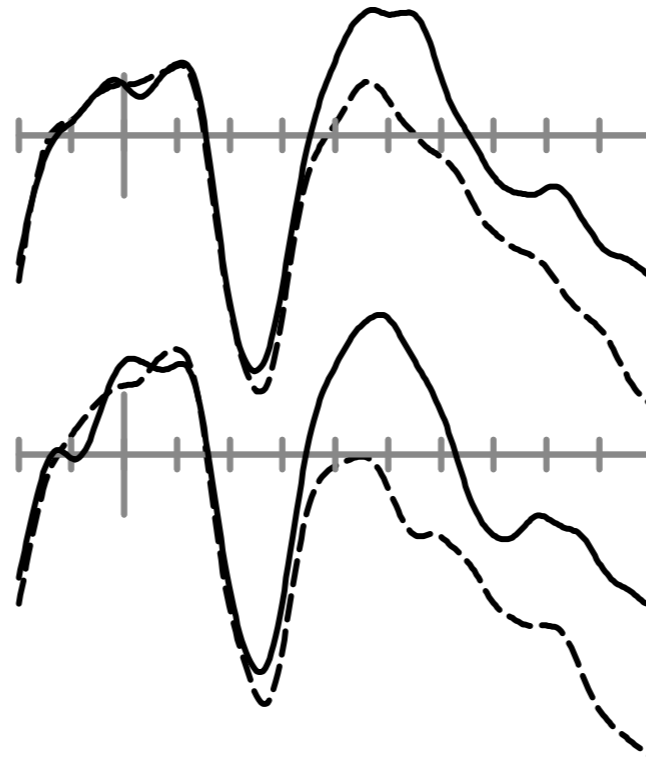
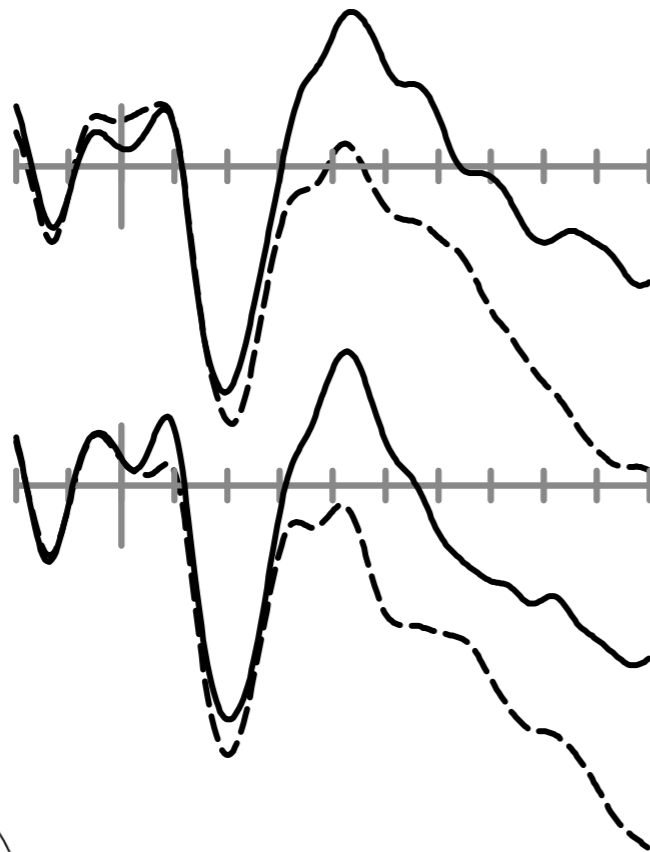
HIGH CONTRAST

LOW CONTRAST

NoGo - Go DIFFERENCE ERPs

COLOR
DECISION

LOCATION
DECISION



— NoGo
- - - Go

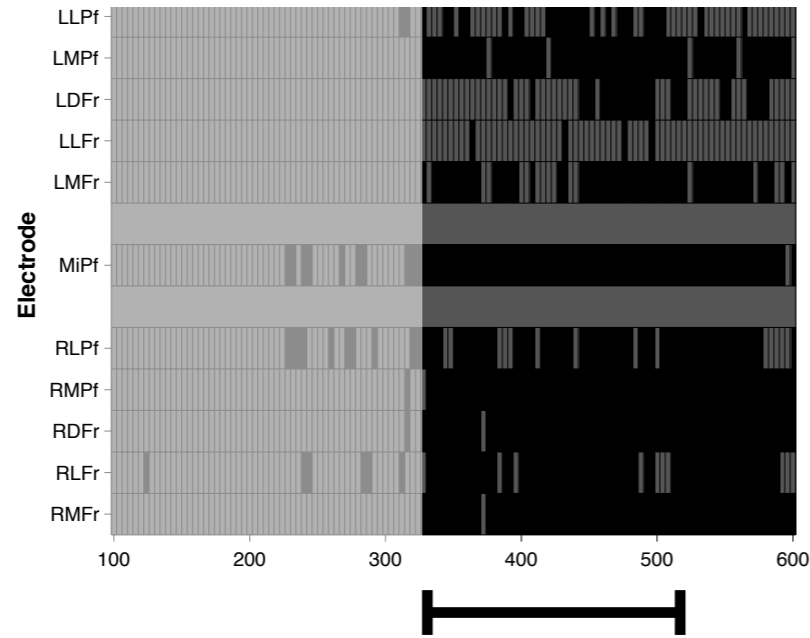
— NoGo
- - - Go

— High Contrast
- - - Low Contrast

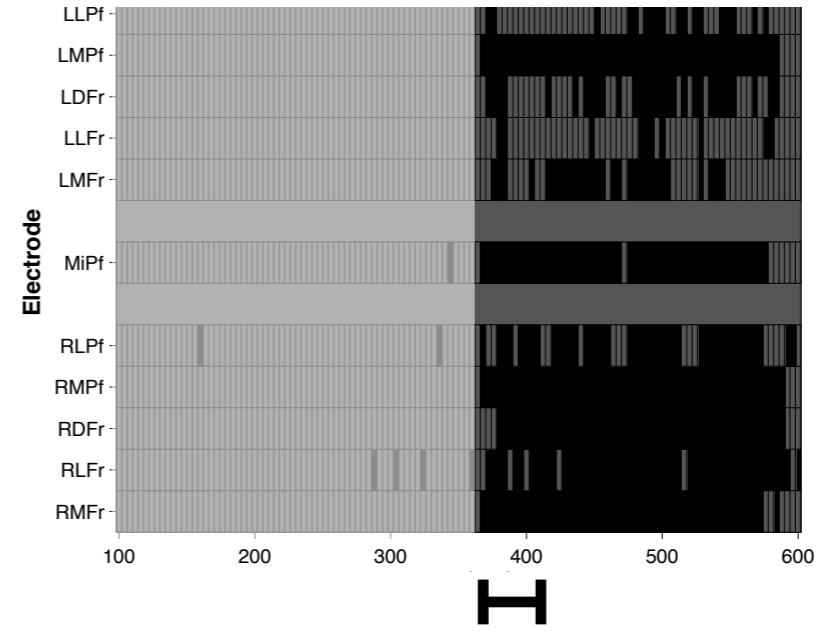
Color

Location

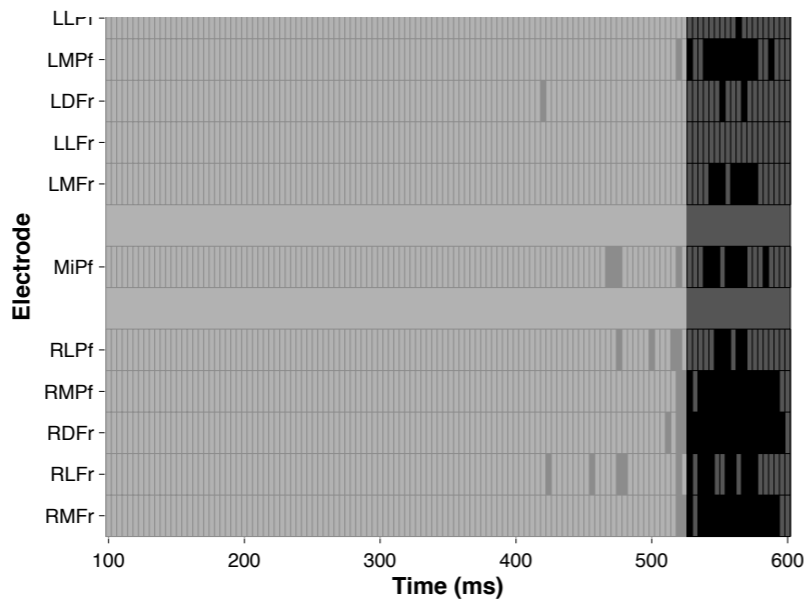
High Contrast



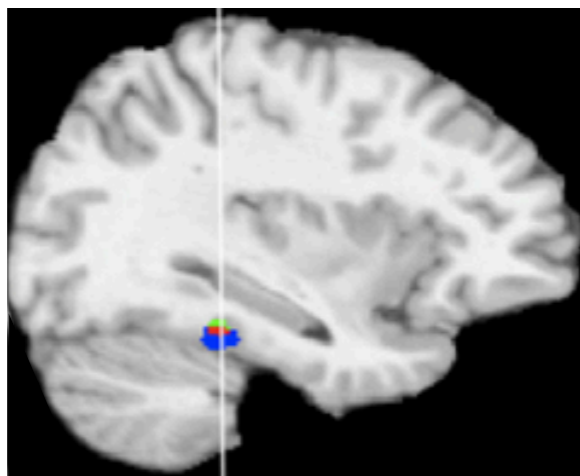
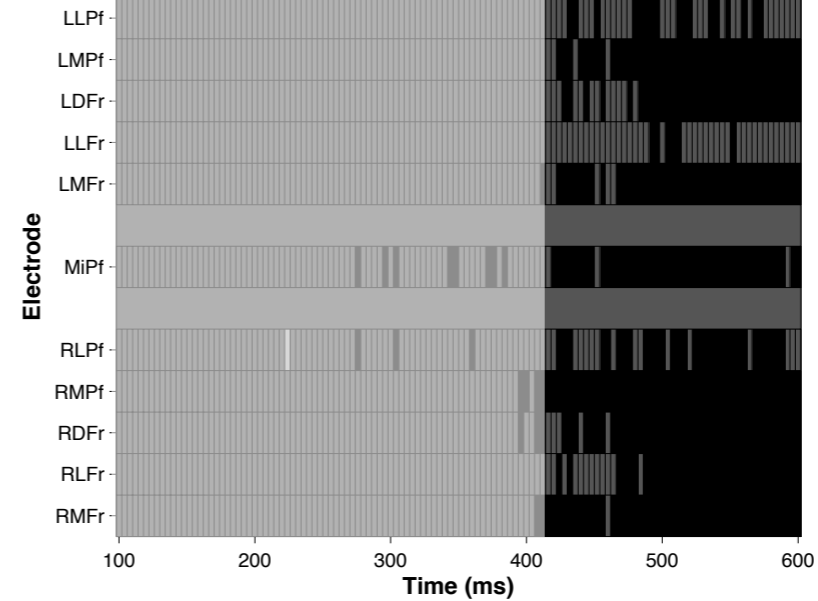
High Contrast



Low Contrast



Low Contrast



The neural processing systems subserving color perception also subserve access to knowledge about an object's typical color from a written word.