Lab meeting 5/28/13

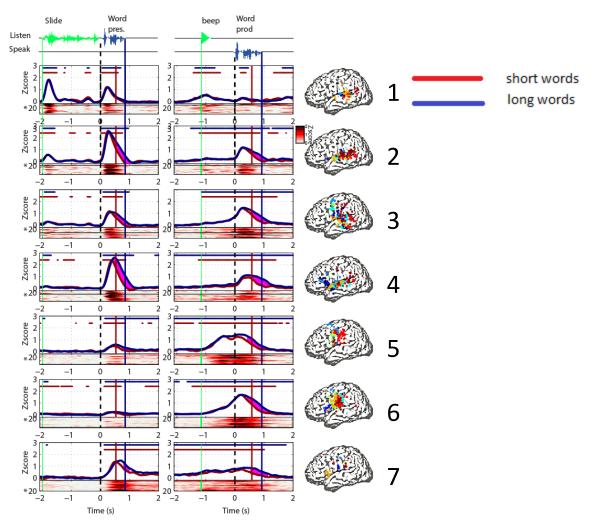
Questions

- What are the spatiotemporal dynamics involved in repetition task?
- What role does each region play?
- How does activity differ by word type?

Experimental Design

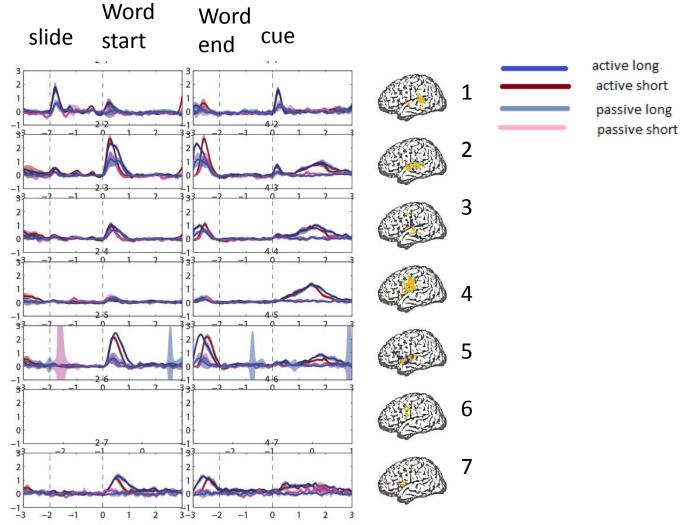
- 28 real words presented by speakers (vary by length, frequency, and articulatory difficulty)
- 2 second delay
- Go Cue
- Subject repeat word

Average Electrode ERPs



*Stacked Averaged ERPs per channel (above horizontal line are electrodes above SF). Responses to long words

Active very passive



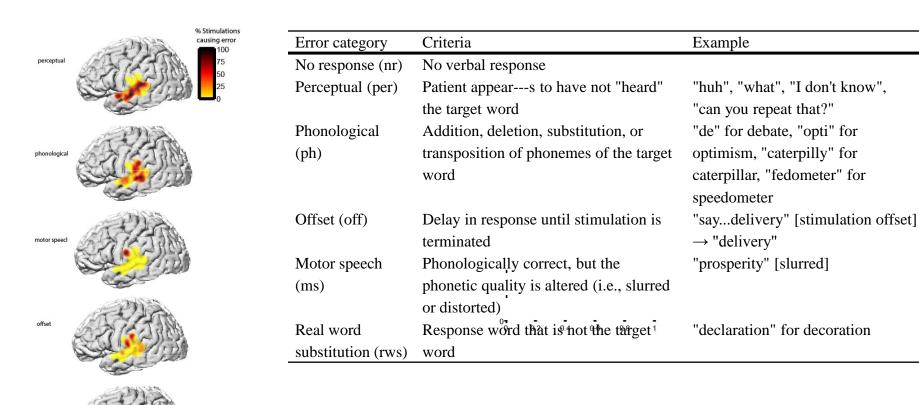
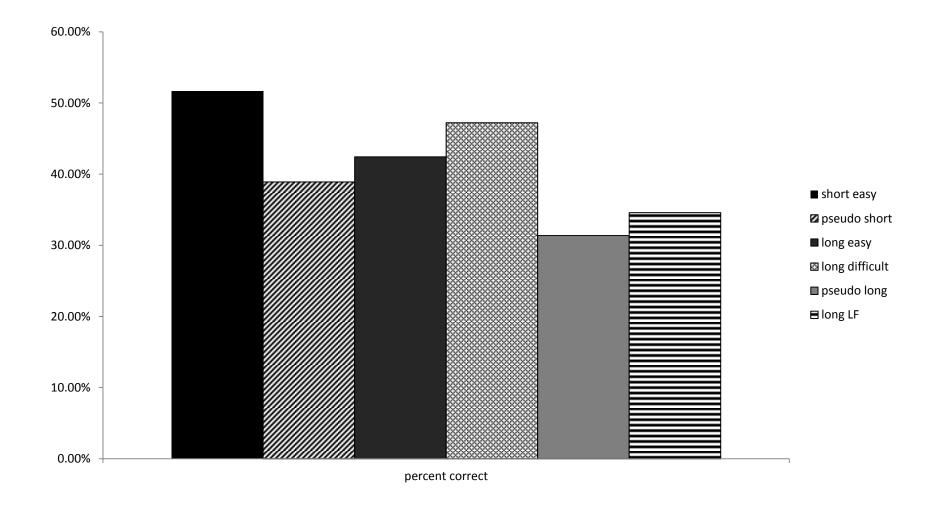
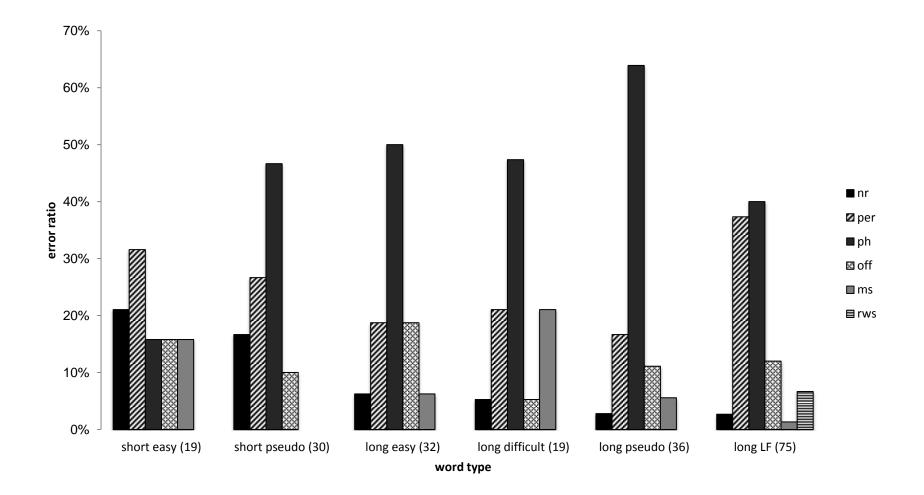
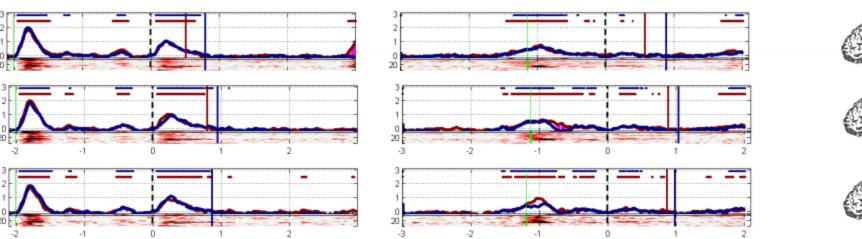


FIGURE 4: ERROR RATES FOR EACH ERROR TYPE WITHIN FIRST FIVE STIMULATIONS AND THEIR LOCATIONS.



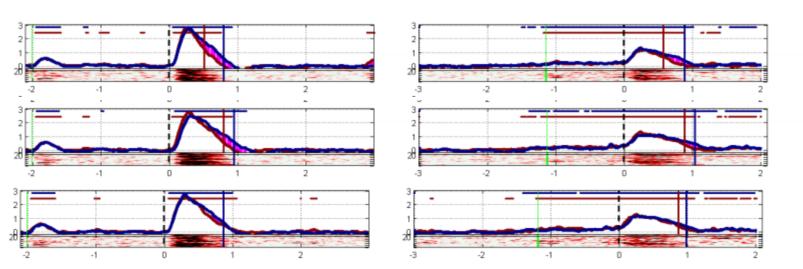








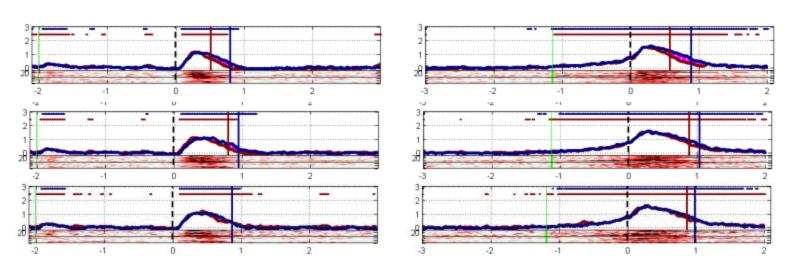








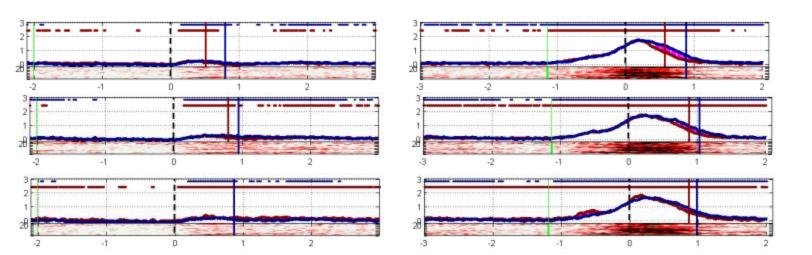








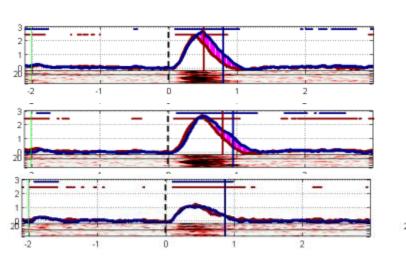


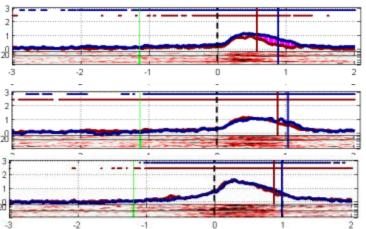








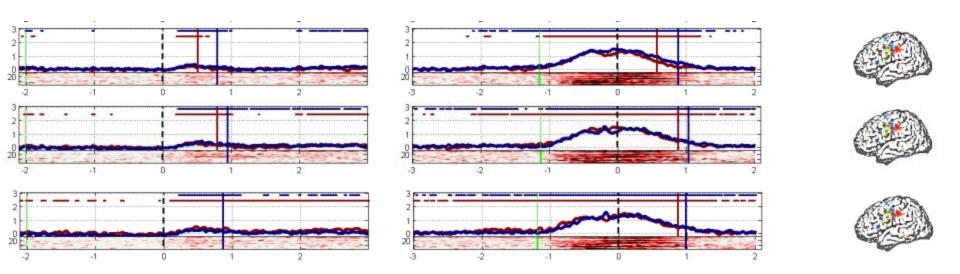


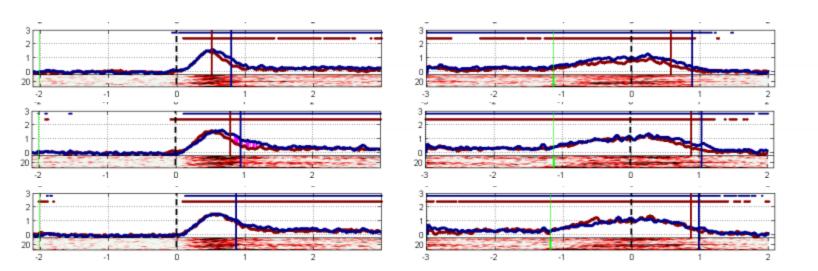










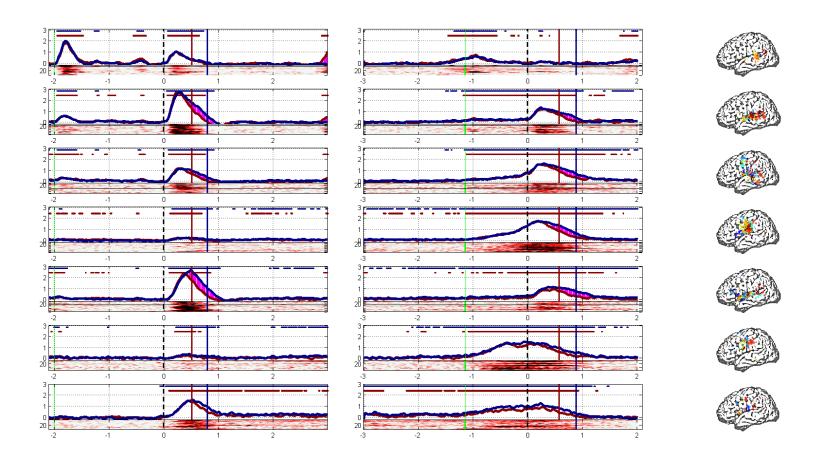




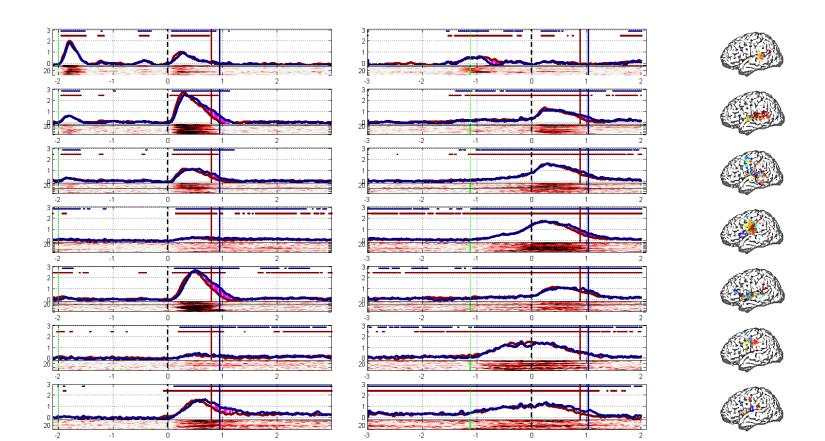




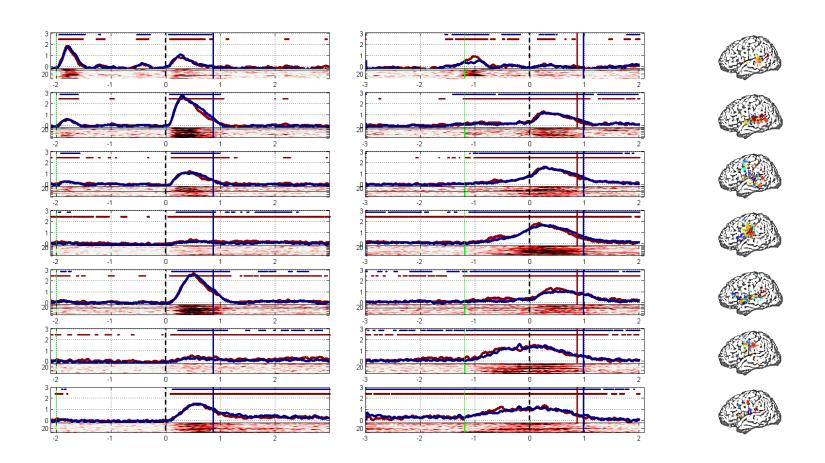
Se vs le



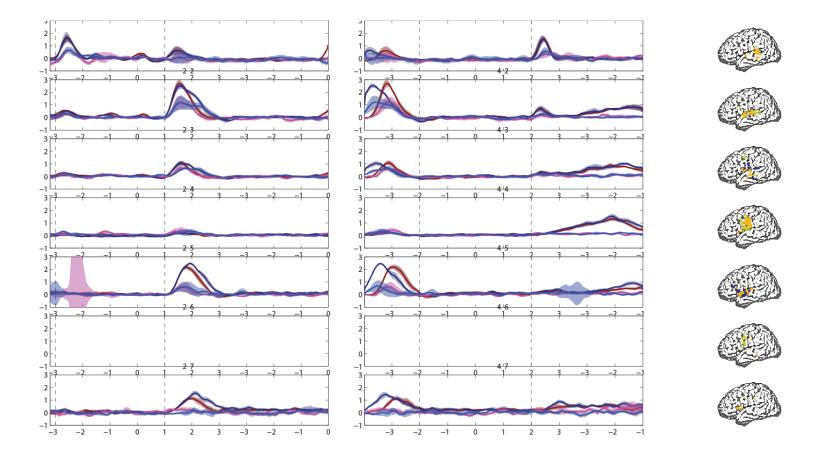
Le vs ld

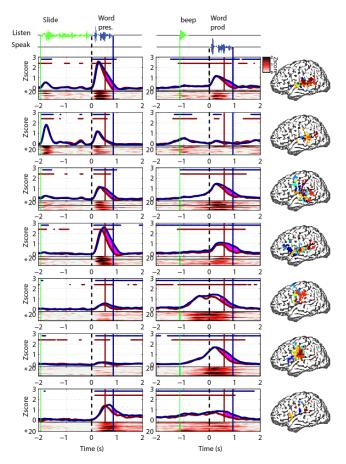


Lf vs li



Appendix





*Stacked Averaged ERPs per channel (above horizontal line are electrodes above SF). Responses to long words

