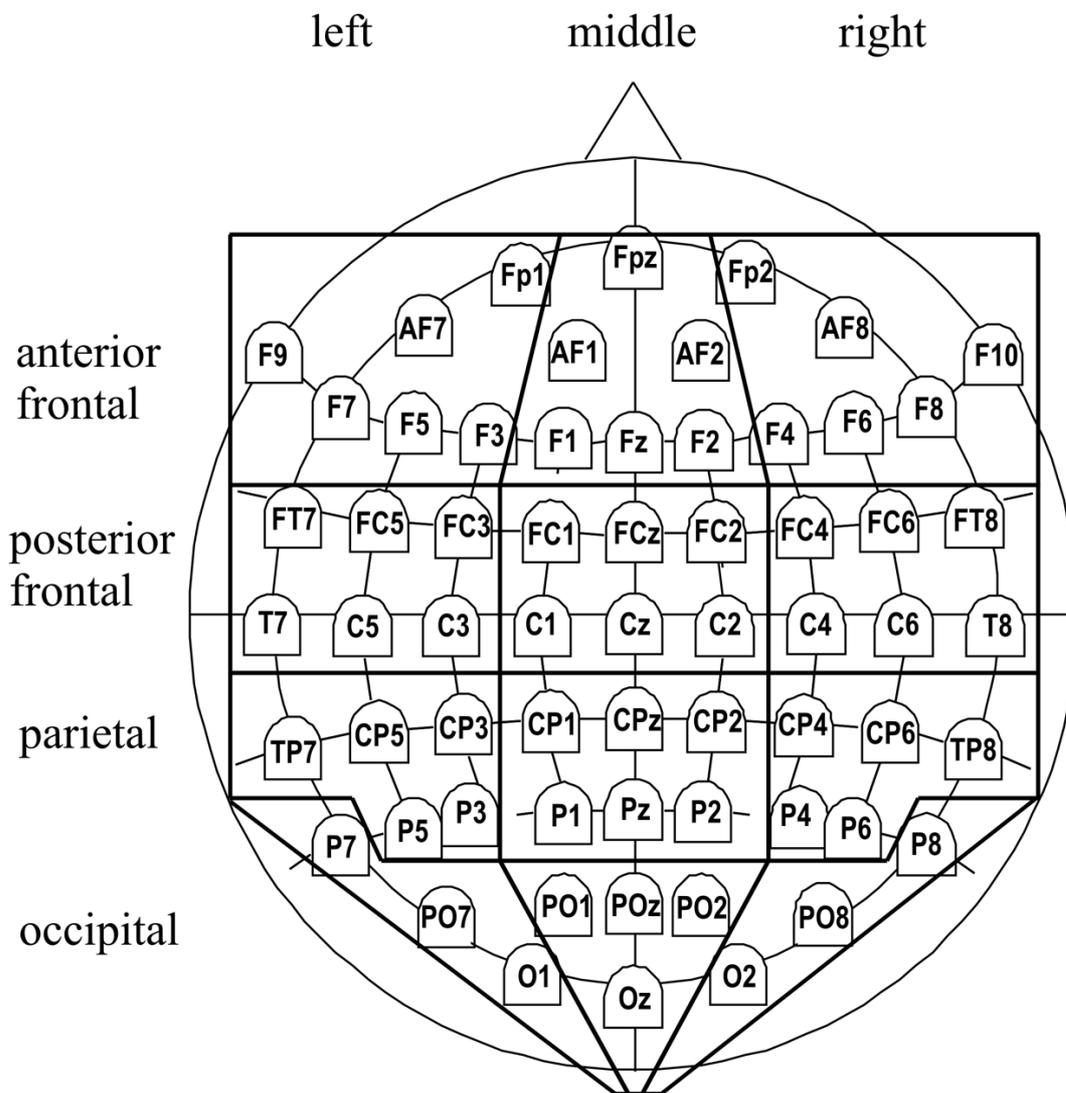
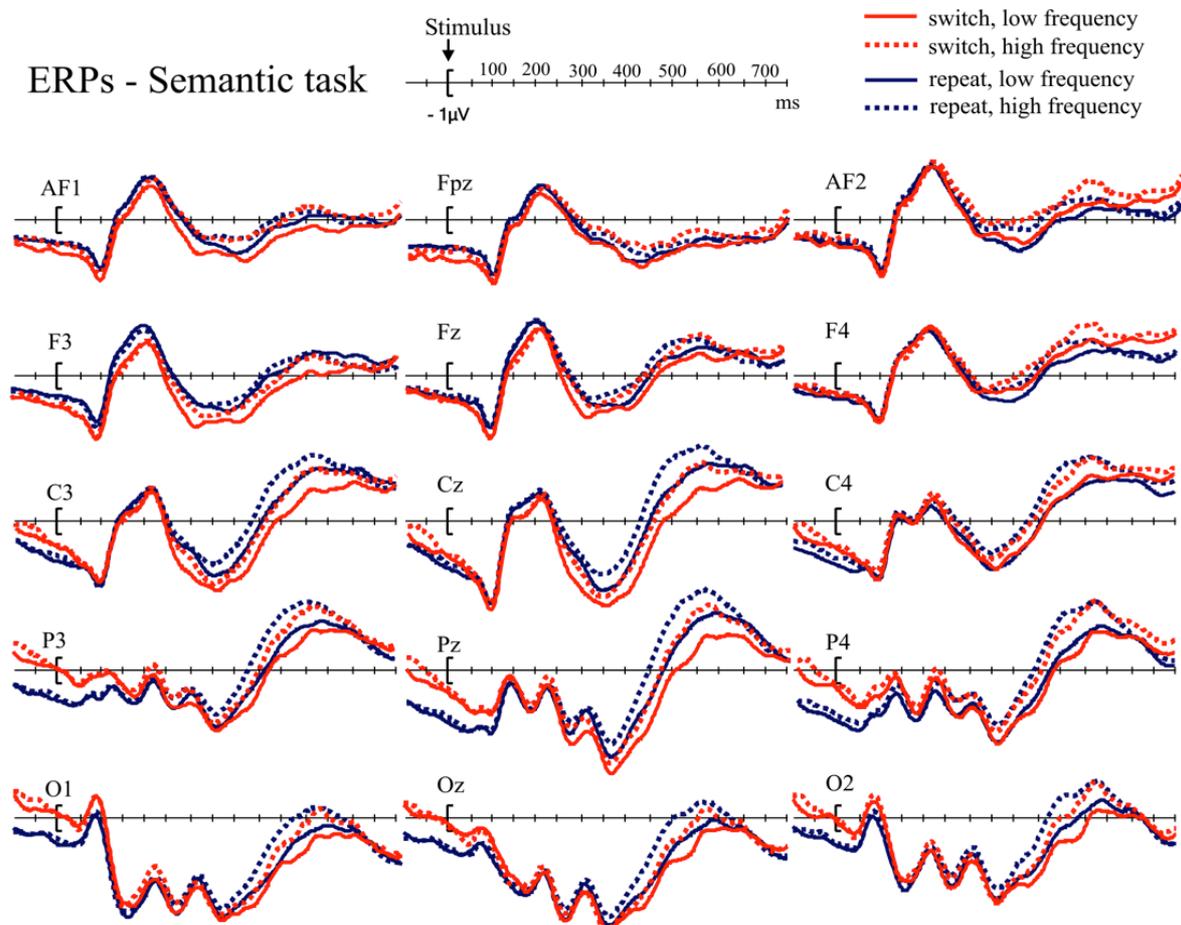


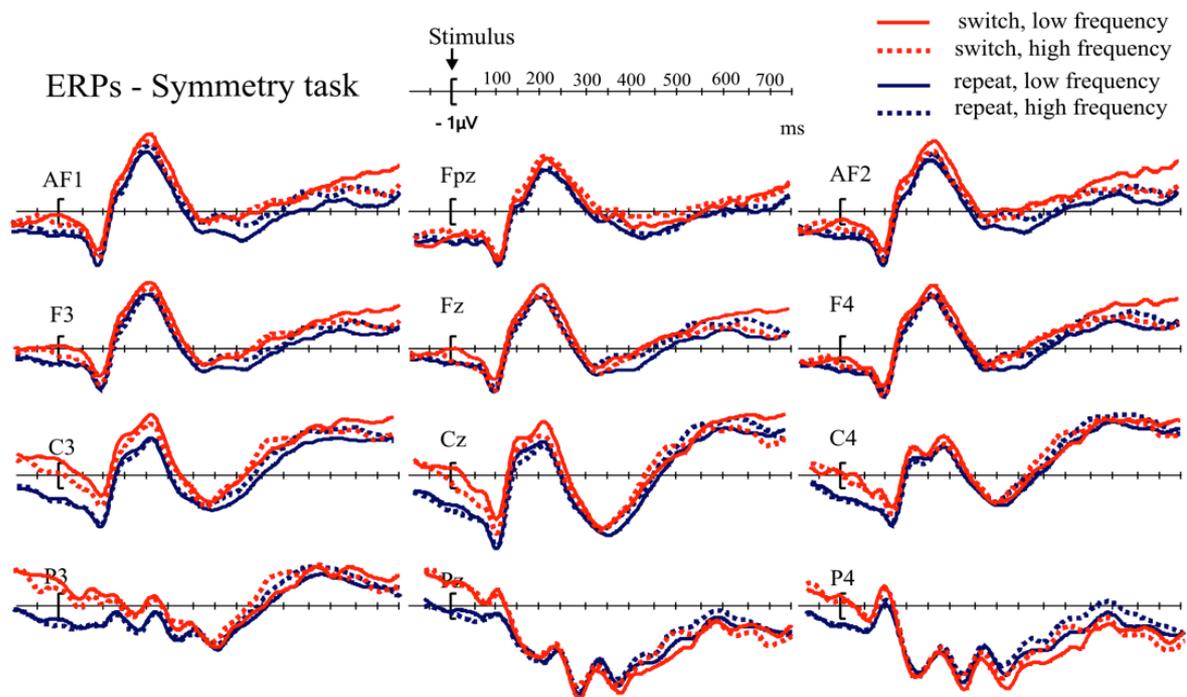
**SUPPLEMENTARY MATERIAL**



**Figure S1.** Grouping of electrodes into 12 regions by the anterior-posterior (4 levels) and laterality (3 levels) dimensions.

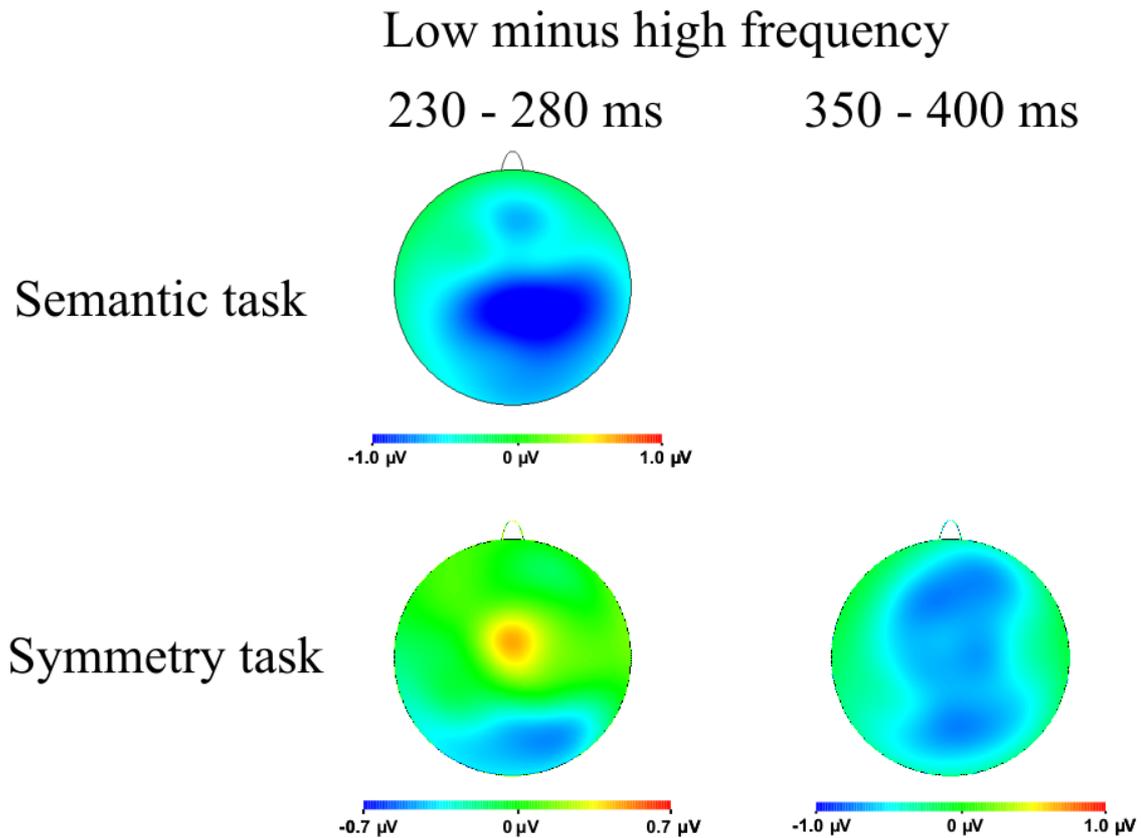
**SUPPLEMENTARY MATERIAL**

**Figure S2.** Experiment 1, semantic task: low and high frequency ERP waveforms for switch and repeat trials in selected electrodes.

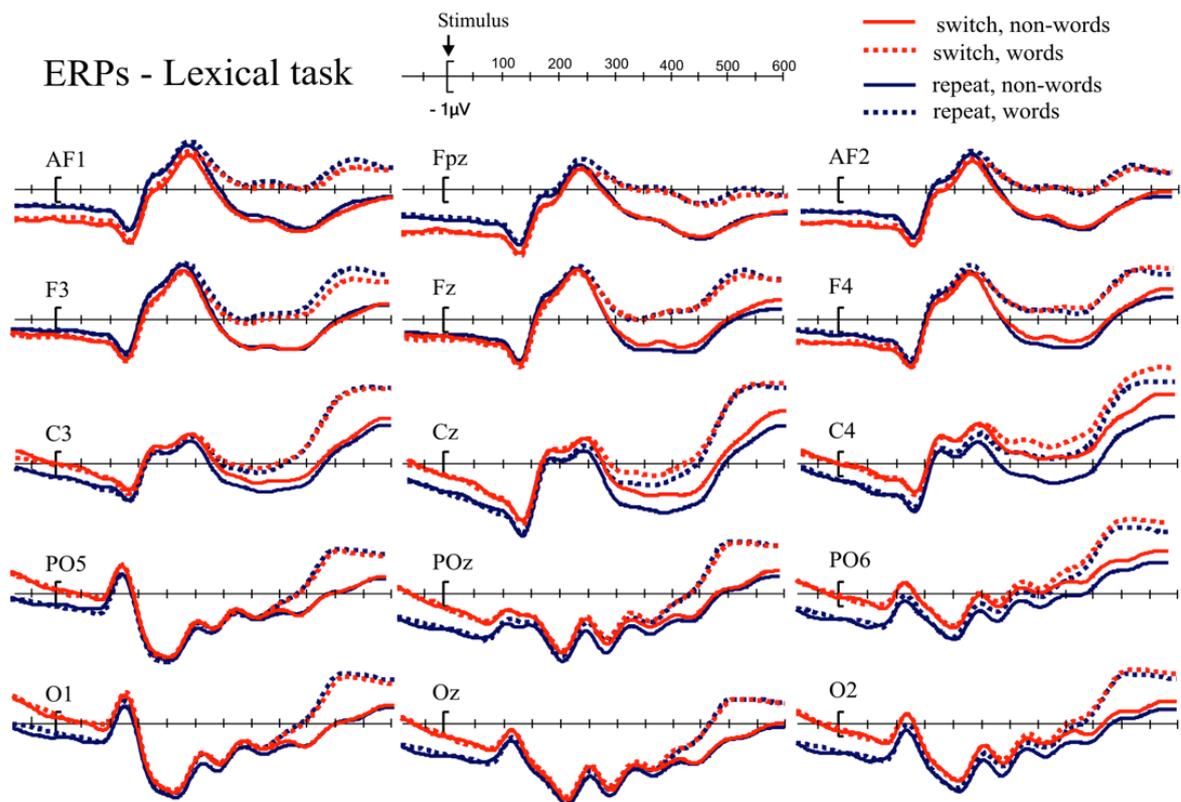
**SUPPLEMENTARY MATERIAL**

**Figure S3.** Experiment 1: symmetry task, low and high frequency ERP waveforms for switch and repeat trials in selected electrodes.

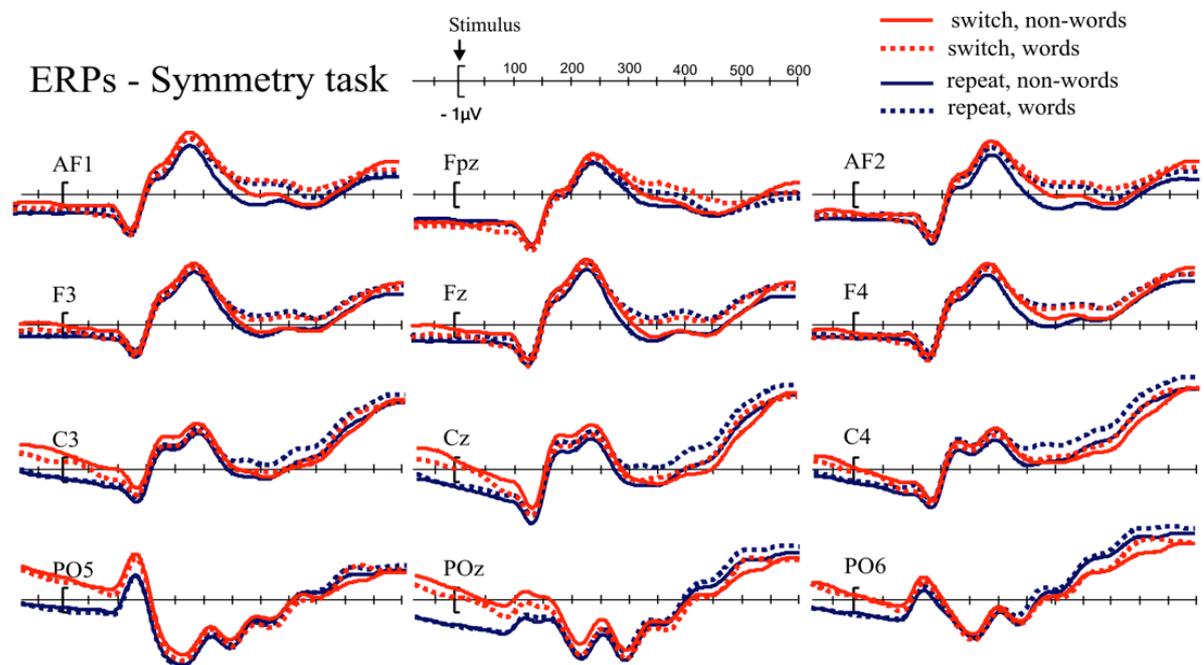
**SUPPLEMENTARY MATERIAL**



**Figure S4.** Experiment 1: scalp distribution of frequency effect by task (pooling over switch and repeat) at intervals around critical peaks in the GFP of the difference waves in Figure 5.

**SUPPLEMENTARY MATERIAL**

**Figure S5.** Experiment 2, lexical decision task: ERP waveforms for non-words and words, for switch and repeat trials, in selected electrodes.

**SUPPLEMENTARY MATERIAL**

**Figure S6.** Experiment 2, symmetry task: ERP waveforms for non-words and words, for switch and repeat trials, in selected electrodes.