Classification Accuracy - Logistic Regression Right versus Left Saccade All Electrodes 100 Classification accuracy Chance Level 90 80 Accuracy (percentage) 70 60 50 40 -200

Figure 1.

200

Time (ms)

300

400

500

600

-100

0

100

Right versus Left Saccade **Electrodes: RHEOG and LHEOG** Accuracy (percentage) Classification accuracy Chance Level 45 -200 -100 Time (ms)

Classification Accuracy - Logistic Regression

Figure 2.

Classification Accuracy - Logistic Regression Stimulus Jump vs No-Jump All Electrodes Classification accuracy Chance Level Accuracy (percentage) -200 -100 Time (ms)

Figure 3.