**Supplementary Table S1**

*Outcomes of the three cluster-based permutation analyses*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Time cluster | Direction | Sum statistic | Range in ms | Probability |
| Analysis 1 (L1 only) | | | | |
| 1 | Positive | 2.14 | 200 – 250 | 0.924 |
| 2 | Positive | 2.46 | 1850 – 1900 | 0.847 |
| 3 | Positive | 9.55 | 3150 – 3350 | 0.445 |
| **4** | **Positive** | **473.10** | **5050 – 6650** | **0.000** |
| 5 | Negative | -2.49 | 2500 – 2550 | 0.844 |
| **6** | **Negative** | **-119.34** | **6800 – 8700** | **0.001** |
| Analysis 2 (L2 only) | | | | |
| **1** | **Positive** | **256.07** | **5200 – 6650** | **0.000** |
| 2 | Negative | -7.19 | 350 – 500 | 0.608 |
| 3 | Negative | -4.84 | 4500 – 4600 | 0.745 |
| 4 | Negative | -7.92 | 4950 – 5100 | 0.556 |
| 5 | Negative | -4.97 | 6800 – 6900 | 0.733 |
| 6 | Negative | -2.06 | 6950 – 7000 | 0.955 |
| **7** | **Negative** | **-40.88** | **7150 – 7950** | **0.036** |
| 8 | Negative | -11.98 | 8050 – 8300 | 0.339 |
| Analysis 3 (L1 vs. L2) | | | | |
| 1 | Positive | 2.10 | 450 – 500 | 0.935 |
| 2 | Positive | 2.20 | 1850 – 1900 | 0.912 |
| 3 | Positive | 2.14 | 4500 – 4550 | 0.924 |
| 4 | Positive | 2.05 | 4800 – 4850 | 0.949 |
| 5 | Positive | 25.10 | 4950 – 5400 | 0.064 |

*Note*. Summary of all identified time clusters; significant clusters are marked in bold. The dependent variable of analyses 1 and 2 was the proportion of looks towards the target image, and the factor was Trial condition (Prediction, Baseline); positive clusters overlapping with the prediction time frame (4710 ms – 6210 ms) indicate prediction. The dependent variable of analysis 3 was the difference between the proportion of looks towards target in prediction and in baseline trials, and the factor was Group (L1, L2).