| Feature | Temporal decoding | Spatial decoding | Mass univariate |
| --- | --- | --- | --- |
| Stimulus side | avg t-value = 11.741-1500 msp < .001 p\_fc < .005 | **Left Hemisphere:**avg t-value = 9.42p < .001 p\_fc < .005**Right Hemisphere:**avg t-value = 9.97p < .001 p\_fc < .005 | **Left Hemisphere:**avg t-value = 2.8720-1560 msp < .001 p\_fc < .005**Right Hemisphere:**avg t-value = 2.9240-1560 msp < .001 p\_fc < .005 |
| Stimulus identity | avg t-value = 7.4120-845 msp < .001 p\_fc < .005 | **Left Hemisphere:**avg t-value = 8.p < .001 p\_fc < .005**Right Hemisphere:**avg t-value = 7.8p < .001 p\_fc < .005 | **Left Hemisphere:**avg t-value = 2.54100-840 msp < .001 p\_fc < .005**Right Hemisphere:**avg t-value = 2.48120-860 msp < .001 p\_fc < .005 |
| Decision | avg t-value = 6.2150-940 msp < .001 p\_fc < .005 | **Left Hemisphere:**avg t-value = 5.54p < .001 p\_fc < .005**Right Hemisphere:**avg t-value = 4.1p < .001 p\_fc < .005 | **Left Hemisphere:**avg t-value = 1.79210-320 msp = .21p\_fc = 1. |
| Uncertainty | avg t-value = 3.270-1485 msp < .01p\_fc < .05 | **Left Hemisphere:**avg t-value = 2.72p = .002p\_fc = .01**Right Hemisphere:**avg t-value = 3.1p < .001 p\_fc < .005 | **Left Hemisphere:**avg t-value = 2.42280-1560 msp = .001 p\_fc = .005**Right Hemisphere:**avg t-value = 2.4340-1560 msp = .008 p\_fc = .04 |
| Motor side | avg t-value = 4.9458-1500 msp < .001 p\_fc = < .005 | **Left Hemisphere:**avg t-value = 4.2p < .001 p\_fc < .005**Right Hemisphere:**avg t-value = 4p < .001 p\_fc < .005 | **Left Hemisphere:**avg t-value = 2.56280-1560 msp < .001 p\_fc < .005**Right Hemisphere:**avg t-value = 2.66280-1560 msp < .001p\_fc < .005 |

**Table 1.** Summary table showing the timing and significance of the results across the five features across the three statistical analyses (temporal decoding, spatial decoding and mass univariate). p\_fc corresponds to the p-value after Bonferroni correction across the 5 features. Average t-value corresponds to the average t-value in the cluster.