**2nd Level Clusters**

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| **Table 1**  Significant clusters revealed during stimulation of the left hand (p < 0.01 uncorrected) | | | | | |
| Anatomical region | | Cluster size (voxels) | MNI coordinates (peak) | *t-*score | *z*-score | |
|  | |  | X Y Z |  |  | |
| Right Putamen | | 283 | 30 2 12 | 7.57 | 3.99 | |
| Right Supramarginal Gyrus | | 244 | 54 -36 18 | 5.14 | 3.32 | |
| Right Frontal Pole | | 109 | 56 38 6 | 3.49 | 2.64 | |
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| **Table 2**  Significant clusters revealed during stimulation of the right hand (p < 0.01 uncorrected) | | | | | |
| Anatomical region | | Cluster size (voxels) | MNI coordinates (peak) | *t-*score | *z*-score | |
|  | |  | X Y Z |  |  | |
| **Left Central Opercular Cortex (SII)** | | **1942** | **-46 -8 4** | **12.26** | **4.77** | |
| Right Postcentral Gyrus | | 82 | 60 -18 20 | 6.90 | 3.84 | |
| Right Precentral Gyrus | | 51 | 64 4 16 | 4.72 | 3.17 | |
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| **Table 3**  Significant clusters revealed during perceiving alternating stimuli (p < 0.01 uncorrected) | | | | | |
| Anatomical region | | Cluster size (voxels) | MNI coordinates (peak) | *t-*score | *z*-score | |
|  | |  | X Y Z |  |  | |
| Right Precentral Gyrus | | 171 | 22 -14 54 | 4.62 | 3.14 | |
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| **Table 4**  Significant clusters revealed during perceiving simultaneous stimuli (p < 0.01 uncorrected) | | | | | |
| Anatomical region | | Cluster size (voxels) | MNI coordinates (peak) | *t-*score | *z*-score | |
|  | |  | X Y Z |  |  | |
| Right Occipital Pole | | 4687 | 36 -84 18 | 15.69 | 5.14 | |
| Right Hippocampus | | 309 | 32 -20 -10 | 7.78 | 4.04 | |
| Left Precentral Gyrus | | 186 | -40 -6 62 | 7.24 | 3.92 | |
| Brain Stem | | 166 | 6 -40 -2 | 5.18 | 3.34 | |
| Left Cerebellum | | 109 | -16 -50 -40 | 5.81 | 3.54 | |
| Right Cerebellum | | 86 | 22 -56 -44 | 3.90 | 2.84 | |
| Left Cerebellum | | 84 | -46 -70 -24 | 5.64 | 3.49 | |
| Left Putamen | | 69 | -24 4 -10 | 3.73 | 2.76 | |
| Brain Stem | | 63 | 8 -44 -30 | 5.82 | 3.54 | |
| Right Precentral Gyrus | | 54 | 56 6 44 | 4.48 | 3.08 | |
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| **Table 5**  Significant clusters revealed during switching (p < 0.01 uncorrected) | | | | | |
| Anatomical region | | Cluster size (voxels) | MNI coordinates (peak) | *t-*score | *z*-score | |
|  | |  | X Y Z |  |  | |
| Right Cerebellum | | 59623 | 42 -54 -38 | 22.36 | 5.76 | |
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