**2nd level**

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| **Table 1**  Significant clusters revealed during the localizer analysis (p < 0.01 uncorrected) | | | | | | |
| Anatomical region | | Cluster size | MNI coordinates (peak) | *t-*score | *z*-score |
|  | |  | X Y Z |  |  |
| Left secondary somatosensory cortex (lSII) | | 1 | -68 -14 30 | 8.59 | 4.21 |
| Right secondary somatosensory cortex (rSII) | | 1 | 54 -36 18 | 5.14 | 3.32 |
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| **Table 2**  Significant clusters revealed during the analysis of the phases ALT (p < 0.01 uncorrected) | | | | | | |
| Anatomical region | | Cluster size | MNI coordinates (peak) | *t-*score | *z*-score |
|  | |  | X Y Z |  |  |
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| **Table 3**  Significant clusters revealed during the analysis of the phases SIM (p < 0.01 uncorrected) | | | | | | |
| Anatomical region | | Cluster size | MNI coordinates (peak) | *t-*score | *z*-score |
|  | |  | X Y Z |  |  |
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| **Table 4**  Significant clusters revealed during the analysis of the switches (p < 0.01 uncorrected) | | | | | | |
| Anatomical region | | Cluster size | MNI coordinates (peak) | *t-*score | *z*-score |
|  | |  | X Y Z |  |  |
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