**S1 Table.**

|  |  |  |
| --- | --- | --- |
| **Anatomical label** |  **MNI coordinates** | **Peak’s *Z*-value** |
| ***x y z*** |  **SS** |  **CS** |
| Right primary motor cortex, BA4 | 38 | -20 | 50 | 6.8 | 6.9 |
| Right dorsal premotor cortex, BA6 | 36 | -10 | 58 | 6.1 | 6.0 |
| Right ventral premotor cortex, BA6 | 28 | -6 | 48 | 4.5 | 3.9 |
| Supplementary motor area (SMA) | -2 | -4 | 56 | 5.9 | 5.8 |
| Right anterior cingulate cortex | 4 | 8 | 42 | 4.5 | 4.6 |
| Right primary somatosensory cortex, BA3 | 42 | -28 | 60 | 6.0 | 5.5 |
| Left Cerebellum, lobule VI | -24 | -54 | -28 | 5.4 | 5.0 |
| Left primary motor cortex, BA4 | -38 | -16 | 56 | 4.8 | 4.3 |