**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 | |