**Supplementary TableS1**

List of regions associated with interference effect (interference minus neutral) during the Multi-Source Interference Task at age 14

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | |
|  |  |  |  | MNI Coordinates | | |  |
| Cluster # |  | Region | k | *x* | *y* | *z* | *T* |
| 1 |  | L Pre-Supplementary Motor Area | 3082 | -6 | 14 | 49 | 21.79 |
|  |  | L Middle Frontal Gyrus |  | -27 | -7 | 55 | 19.77 |
|  |  | R Middle Frontal Gyrus |  | 27 | -4 | 52 | 18.59 |
| 2 |  | L Inferior Parietal Lobule | 7268 | -45 | -37 | 49 | 21.41 |
|  |  | L Middle Occipital Gyrus |  | -39 | -85 | -2 | 20.51 |
|  |  | L Middle Occipital Gyrus |  | -30 | -91 | -2 | 20.03 |
| 3 |  | R Insular Cortex | 1178 | 33 | 20 | 7 | 15.90 |
|  |  | L Thalamus |  | -9 | -19 | 13 | 15.69 |
|  |  | R Thalamus |  | 9 | -19 | 10 | 13.67 |
| 4 |  | L Insular Cortex | 246 | -30 | 17 | 10 | 14.07 |
|  |  | L Insular Cortex |  | -30 | 23 | 4 | 13.75 |
|  |  | L Putamen |  | -24 | 5 | 10 | 6.99 |
| 5 |  | L Cerebellum | 47 | -27 | -70 | -47 | 9.95 |
|  |  | L Cerebellum |  | -33 | -52 | -50 | 6.75 |
| 6 |  | R Dorsolateral Prefrontal Cortex | 176 | 39 | 38 | 28 | 9.06 |
| 7 |  | Anterior Cingulate Cortex | 27 | -3 | 8 | 25 | 7.48 |
| *Notes.* L = left; R = right; k = number of voxels in cluster; MNI = Montreal Neurological Institute; T = *t*-value reported for peak voxels at *p*(family-wise error) < .05. Table adapted from Kim-Spoon, Herd, Brieant, Elder et al. (2021). | | | | | | | |

**Supplementary TableS2**

List of regions associated with interference effect (interference minus neutral) during the Multi-Source Interference Task at age 17

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | MNI Coordinates | | |  |
| Cluster # |  | Region | k | *x* | *y* | *z* | *T* |
| 1 |  | L Middle Occipital Gyrus | 2268 | -30 | -88 | -2 | 18.61 |
|  |  | L Superior Parietal Lobule |  | -24 | -64 | 49 | 17.01 |
|  |  | L Inferior Parietal Lobule |  | -42 | -37 | 43 | 16.52 |
| 2 |  | R Inferior Occipital Gyrus | 2339 | 30 | -91 | -2 | 18.43 |
|  |  | R Middle Occipital Gyrus |  | 36 | -85 | 7 | 18.00 |
|  |  | R Angular Gyrus |  | 27 | -58 | 52 | 16.84 |
| 3 |  | L Pre-Supplementary Motor Area | 1272 | -3 | 11 | 49 | 16.65 |
|  |  | L Middle Frontal Gyrus |  | -27 | -4 | 58 | 15.15 |
|  |  | L Precentral Gyrus |  | -42 | 2 | 31 | 12.93 |
| 4 |  | L Insular Cortex | 129 | -27 | 20 | 7 | 12.11 |
| 5 |  | R Precentral Gyrus | 92 | 51 | 8 | 31 | 10.79 |
| 6 |  | R Insular Cortex | 150 | 36 | 17 | 7 | 10.42 |
|  |  | R Putamen |  | 24 | 11 | 7 | 8.44 |
| 7 |  | L Thalamus | 154 | -9 | -19 | 10 | 9.51 |
|  |  | L Caudate |  | -18 | -7 | 25 | 8.23 |
|  |  | White Matter; L Caudate Tail |  | -24 | -34 | 10 | 6.54 |
| 8 |  | R Thalamus | 93 | 15 | -13 | 13 | 8.39 |
|  |  | White Matter; R Caudate Tail |  | 24 | -31 | 16 | 7.59 |
|  |  | White Matter; R Caudate |  | 21 | -4 | 22 | 7.34 |
| 9 |  | L Brainstem | 38 | -3 | -28 | -11 | 7.68 |
|  |  | R Brainstem |  | 6 | -25 | -8 | 7.42 |
| 10 |  | L Middle Frontal Gyrus | 21 | -45 | 32 | 28 | 7.41 |
| *Notes.* L = left; R = right; k = number of voxels in cluster; MNI = Montreal Neurological Institute; T = *t*-value reported for peak voxels at *p*(family-wise error) < .05. Table adapted from Kim-Spoon, Herd, Brieant, Elder et al. (2021). | | | | | | | |