|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Seed Regions** | **Connection type with shyness** | **Connected Location** | **Voxel number** | **Peak MNI Coordinates** | | | **T** | **p** |
|  |  |  |  | **x** | **y** | **z** |  |  |
| L Cerebellum posterior Lobe | Positive | L Cerebellum posterior lobe | 7912 | -39 | -54 | -45 | 53.70 | <0.001 |
|  |  | R Middle frontal gyrus | 2689 | 39 | 42 | 42 | 10.55 | <0.001 |
|  |  | R Inferior parietal lobule | 1047 | 54 | -45 | 39 | 9.39 | <0.001 |
|  |  | L Thalamus | 430 | -21 | 6 | 21 | 5.85 | 0.003 |
|  | Negative | R Precentral gyrus | 13238 | 48 | -18 | 63 | 8.69 | <0.001 |
|  |  | L Orbital frontal cortex | 492 | -6 | 45 | -24 | 7.11 | <0.001 |
| R Insula | Positive | R Insula | 19249 | 42 | 4 | -3 | 44.23 | <0.001 |
|  |  | L Cerebellum posterior lobe | 161 | -21 | -66 | 51 | 5.63 | 0.005 |
|  | Negative | R Posterior cingulate | 11946 | 3 | -57 | 12 | 16.42 | <0.001 |
|  |  | L Cerebellum posterior lobe | 851 | -3 | -57 | -51 | 13.22 | <0.001 |
|  |  | L Superior frontal gyrus | 5094 | 21 | 42 | 48 | 12.85 | <0.001 |
| L Superior temporal gyrus | Positive | L Superior temporal gyrus | 10798 | -30 | 15 | -30 | 50.04 | <0.001 |
|  |  | R Cerebellum posterior lobe | 241 | 30 | -87 | -36 | 7.76 | <0.001 |
|  |  | R Supramarginal gyrus | 251 | -60 | -57 | 30 | 6.74 | <0.001 |
|  |  | L Precuneus | 277 | -6 | -51 | 30 | 5.64 | 0.012 |
|  | Negative | L Middle frontal gyrus | 15047 | 30 | 6 | 57 | 11.22 | <0.001 |
| R Superior temporal gyrus | Positive | R Superior temporal gyrus | 16179 | 60 | -30 | 12 | 35.64 | <0.001 |
|  | Negative | R Precuneus | 16784 | 33 | -72 | 42 | 12.48 | <0.001 |
|  |  | L Superior frontal gyrus | 2035 | -21 | 66 | 6 | 11.36 | <0.001 |
|  |  | L Middle temporal gyrus | 241 | -57 | -33 | -18 | 6.60 | <0.001 |
| L Parahippocampal gyrus | Positive | L Parahippocampal gyrus | 6339 | -12 | -6 | -21 | 48.96 | <0.001 |
|  | Negative | L Caudate | 117 | 0 | 6 | 9 | 6.55 | 0.001 |
|  |  | R Superior frontal gyrus | 782 | 24 | 39 | 33 | 5.26 | 0.039 |
|  |  | L Precuneus | 1696 | -3 | -73 | 39 | 5.13 | 0.042 |
|  |  | L Middle frontal gyrus | 430 | -27 | 27 | 30 | 5.18 | 0.049 |
| R Parahippocampal gyrus | Positive | R Parahippocampal gyrus | 11058 | 24 | -21 | -27 | 34.52 | <0.001 |
|  |  | L Precuneus | 199 | -39 | -75 | 36 | 6.05 | 0.003 |
|  | Negative | R Superior frontal gyrus | 7562 | 36 | 51 | 18 | 9.37 | <0.001 |
|  |  | L Inferior parietal lobule | 880 | -60 | -42 | 33 | 9.12 | <0.001 |
|  |  | L Cerebellum posterior lobe | 1033 | -24 | -75 | -42 | 7.13 | <0.001 |
|  |  | R Inferior parietal lobule | 633 | 57 | -39 | 39 | 7.07 | <0.001 |
| L Amygdala | Positive | L Amygdala | 15931 | -24 | -3 | -18 | 54.81 | <0.001 |
|  | Negative | R Superior parietal lobule | 10911 | 21 | -66 | 60 | 10.69 | <0.001 |
|  |  | R Middle frontal gyrus | 431 | 30 | 3 | 63 | 5.88 | 0.006 |
|  |  | R Superior frontal gyrus | 449 | 15 | 54 | -24 | 5.76 | 0.008 |
| R Amygdala | Positive | R Amygdala | 16776 | 27 | 0 | -18 | 61.21 | <0.001 |
|  | Negative | L Precuneus | 10058 | 0 | -75 | 54 | 10.95 | <0.001 |
|  |  | L Superior frontal gyrus | 1422 | -24 | 60 | 5 | 6.65 | <0.001 |
|  |  | L Middle frontal gyrus | 738 | -30 | 12 | 51 | 5.86 | 0.006 |