**Supplementary**

**Table S1**

**Main effect of neutral NoGo > neutral Go based on General Linear Model**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Voxels** | **R/L** | **x** | **y** | **z** | **Peak Z value** |
| **Region** |  |  |  |  |  |  |
| Superior frontal | 6 | R  | 18 | 27 | 57 | 3.26 |
| Medial superior frontal | 5 | R | 12 | 60 | 18 | 3.16 |
| Supplementary motor  | 5 | R  | 6 | -12 | 54 | 3.11 |
| Middle cingulum | 54 | R  | 3 | -33 | 33 | 3.39 |
| **Inferior frontal cortex**  | **16** | **R**  | **36** | **21** | **-9** | **3.23** |
| Middle temporal | 318 | R | 48 | -36 | -3 | 4.38 |
|  | 21 | L  | -45 | -48 | 15 | 3.16 |
| Inferior temporal | 7 | R  | 45 | -72 | -9 | 3.12 |
| Precuneas | 55 | L | -12 | -54 | 54 |  |
| Supra marginal | 27 | L  | -57 | -51 | 27 | 3.22 |
| angular | 26 | L  | -54 | -60 | 39 | 3.27 |
| Occipital  | 32 | L  | -36 | -69 | 39 | 3.45 |
| Lingual | 23 | L  | -12 | -63 | -6 | 3.17 |

**Main effect of Affective Go > neutral Go based on General Linear Model**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Voxels** | **R/L** | **x** | **y** | **z** | **Peak Z value** |
| **Region** |  |  |  |  |  |  |
| Superior frontal | 291 | L  | -12 | 48 | 45 | 4.68 |
| Post central | 7 | L  | -45 | -9 | 36 | 3.66 |
| Inferior frontal  | 6 | L  | -42 | 30 | 3 | 3.61 |
| Anterior cingulate | 14 | L  | -15 | 48 | 0 | 4.12 |
| Temporal pole | 37 | L  | -36 | 9 | -30 | 4.14 |
| Middle temporal | 632 | R  | 54 | -63 | 3 | 6.01 |
| **Caudate**  | **25** | **L**  | **-12** | **9** | **-3** | **3.79** |
| Precuneus | 520 | L  | -9 | -54 | 33 | 5.47 |
| Occipital | 605 | L  | -42 | -78 | -3 | 5.71 |