Table S2. Virtual Lesion Forced Choice Classification

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Map | nVoxels | Emotion - 5 v 1 (SE) | Emotion - 5 v 3 (SE) | Emotion - 3 v 1 (SE) |
| Pattern |  |  |  |  |  |
|  | PINES | 328796 | 100 (0%)+ | 90.7 (4.4%)+ | 100 (0%)+ |
|  | PINES (p < .001) | 5303 | 100 (0%)+ | 90.7 (4.4%)+ | 100 (0%)+ |
| Single Cluster |  |  |  |  |  |
|  | Visual (LOC) | 981 | 97.9 (2.1%)+ | 62.8 (7.4%)\* | 98.2 (1.7%)+ |
|  | Somatosensory/STG | 308 | 68.1 (6.8%)+\* | 53.5 (7.6%)\* | 63.2 (6.4%)\* |
|  | Sensorimotor/V1 | 335 | 61.7 (7.1%)\* | 41.9 (7.5%)\* | 66.7 (6.2%)+\* |
|  | DMPFC/PCC | 318 | 76.6 (6.2%)+\* | 55.8 (7.6%)\* | 87.7 (4.3%)+\* |
|  | Sensorimotor/Cerebellum | 1227 | 95.7 (2.9%)+ | 79.1 (6.2%)+ | 89.5 (4.1%)+\* |
|  | Parahippocampal Gyrus | 1025 | 46.8 (7.3%)\* | 76.7 (6.4%)+ | 28.1 (6%)+\* |
|  | Occipital Pole | 118 | 63.8 (7%)\* | 51.2 (7.6%)\* | 75.4 (5.7%)+\* |
|  | Precuneus/Caudate | 537 | 46.8 (7.3%)\* | 72.1 (6.8%)+ | 19.3 (5.2%)+\* |
|  | Amygdala/Insula | 454 | 72.3 (6.5%)+\* | 46.5 (7.6%)\* | 80.7 (5.2%)+\* |
|  |  |  |  |  |  |
| Virtual Lesion | Visual (LOC) | 4322 | 95.7 (2.9%)+ | 88.4 (4.9%)+ | 77.2 (5.6%)+\* |
|  | Somatosensory/STG | 4995 | 100 (0%)+ | 86 (5.3%)+ | 100 (0%)+ |
|  | Sensorimotor/V1 | 4968 | 100 (0%)+ | 93 (3.9%)+ | 100 (0%)+ |
|  | DMPFC/PCC | 4985 | 100 (0%)+ | 86 (5.3%)+ | 100 (0%)+ |
|  | Sensorimotor/Cerebellum | 4076 | 100 (0%)+ | 81.4 (5.9%)+ | 100 (0%)+ |
|  | Parahippocampal Gyrus | 4278 | 100 (0%)+ | 79.1 (6.2%)+ | 100 (0%)+ |
|  | Occipital Pole | 5185 | 100 (0%)+ | 90.7 (4.4%)+ | 100 (0%)+ |
|  | Precuneus/Caudate | 4766 | 100(0%)+ | 79.1(6.2%)+ | 100(0%)+ |
|  | Amygdala/Insula | 4849 | 100(0%)+ | 93(3.9%)+ | 100(0%)+ |