**Supplementary File 4**

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| Mean (SE) number of voxels in each ROI. | | | |
| ROI | | Left hemisphere | Right hemisphere |
| IFJ | PEF | 36 (5) | 47 (7) |
| IFJp | 29 (4) | 26 (4) |
| IFJa | 34 (4) | 38 (5) |
| Frontal | FEF | 83 (5) | 86 (5) |
| vLPFC | 269 (11) | 180 (9) |
| dLPFC | 44 (4) | 210 (11) |
| Parietal | SPL | 202 (7) | 205 (10) |
| IPS | 157 (6) | 106 (6) |
| IPL | 119 (5) | 155 (8) |
| Visual | FFA | 65 (6) | 113 (9) |
| PPA | 126 (10) | 163 (11) |
| V1 | 122 (7) | 175 (7) |