

Supplementary Table 3. Brain activation for group comparison of the Wisconsin Card Sorting Task condition (obsessive-compulsive disorder>healthy controls)

| Region | Cluster size | Coordinates (mm) | | | Peak T |
|-------------------------------|--------------|------------------|-----|-----|--------|
| | | x | y | z | |
| Superior parietal lobule | | | | | |
| L | 277 | -16 | -58 | 54 | 3.63 |
| R | 571 | 30 | -58 | 54 | 4.28 |
| Inferior parietal lobule | | | | | |
| L | 161 | -36 | -40 | 52 | 3.90 |
| R | 449 | 46 | -34 | 52 | 4.27 |
| Precuneus | | | | | |
| L | 52 | -12 | -60 | 56 | 3.57 |
| R | 39 | 14 | -56 | 60 | 3.23 |
| Supplementary motor area | | | | | |
| L | 60 | 0 | -8 | 54 | 3.60 |
| R | 96 | 4 | -6 | 56 | 3.67 |
| Medial frontal gyrus | | | | | |
| L | 59 | -10 | 40 | 32 | 3.29 |
| Superior frontal gyrus | | | | | |
| L | 153 | -26 | -8 | 62 | 4.69 |
| R | 343 | 26 | 0 | 62 | 5.09 |
| Middle frontal gyrus | | | | | |
| L | 217 | -32 | 34 | 38 | 3.98 |
| R | 884 | 52 | 16 | 40 | 4.64 |
| Inferior frontal gyrus | | | | | |
| L | 97 | -48 | 8 | 38 | 3.89 |
| R | 296 | 52 | 18 | 38 | 4.94 |
| Inferior orbito-frontal gyrus | | | | | |
| R | 17 | 32 | 22 | -12 | 3.22 |
| Precentral gyrus | | | | | |
| L | 471 | -26 | -10 | 64 | 4.68 |
| R | 568 | 34 | -10 | 62 | 4.74 |
| Postcentral gyrus | | | | | |
| L | 125 | -36 | -40 | 54 | 3.92 |
| R | 874 | 46 | -26 | 54 | 4.82 |
| Angular gyrus | | | | | |
| R | 142 | 30 | -50 | 38 | 4.11 |
| Supramarginal gyrus | | | | | |
| L | 24 | -50 | -22 | 24 | 3.82 |
| R | 46 | 52 | -16 | 24 | 4.07 |
| Corpus callosum | | | | | |
| L/R | 59 | -6 | 0 | 26 | 3.58 |
| Superior temporal gyrus | | | | | |
| L | 48 | -54 | -14 | 0 | 3.28 |
| Middle temporal gyrus | | | | | |
| R | 291 | 48 | -70 | 12 | 3.79 |
| Insula | | | | | |
| R | 18 | 40 | 18 | 4 | 3.04 |
| Superior occipital gyrus | | | | | |
| R | 95 | 26 | -62 | 44 | 3.45 |
| Middle occipital gyrus | | | | | |
| L | 15 | -24 | -58 | 38 | 3.11 |
| R | 80 | 44 | -74 | 12 | 3.45 |
| Cerebellum, posterior lobe | | | | | |
| L | 45 | -24 | -72 | -42 | 3.29 |

p<0.05, False discovery rate corrected for multiple comparison and minimum cluster size of 5.