**Supplementary Table 1.** Comparison of diffusion indices of the cerebello-thalamic tract between patients with OCD presenting with depressive disorder and those presenting without depressive disorder

| Diffusion indices | OCD with depression | OCD without depression | F | p | Bonferroni-corrected p |
|---|---|---|---|---|---|
| FA | | | | | |
|    Left | 0.501±0.041 | 0.492±0.055 | 0.75 | 0.389 | >0.999 |
|    Right | 0.478±0.075 | 0.472±0.064 | 0.21 | 0.652 | >0.999 |
| MD ($\times10^{-3}$ mm$^2$/s) | | | | | |
|    Left | 0.891±0.009 | 0.923±0.158 | 1.22 | 0.272 | >0.999 |
|    Right | 0.959±0.181 | 0.966±0.142 | 0.05 | 0.817 | >0.999 |
| RD ($\times10^{-3}$ mm$^2$/s) | | | | | |
|    Left | 0.642±0.010 | 0.671±0.164 | 0.97 | 0.327 | >0.999 |
|    Right | 0.713±0.197 | 0.724±0.153 | 0.10 | 0.753 | >0.999 |

The data are presented as the means±standard deviations. OCD, obsessive-compulsive disorder; OCD with depression, patients with OCD presenting with depressive disorder; OCD without depression, patients with OCD without depressive disorder; FA, fractional anisotropy; MD, mean diffusivity; RD, radial diffusivity