

Supplementary Table 4. Correlation between serum levels of C4BPA and C4BPB and mean diffusivity values in patients with MDD

| WM tracts | C4BPA | | C4BPB | |
|---------------|--------|--------|--------|--------|
| | r | p | r | p |
| Forceps major | -0.162 | 0.311 | -0.122 | 0.449 |
| Forceps minor | -0.064 | 0.693 | -0.057 | 0.721 |
| L ATR | -0.326 | 0.037 | -0.296 | 0.061 |
| L CAB | -0.259 | 0.103 | -0.227 | 0.154 |
| L CCG | -0.318 | 0.043 | -0.306 | 0.052 |
| L CST | -0.231 | 0.147 | -0.198 | 0.215 |
| L ILF | -0.241 | 0.129 | -0.208 | 0.192 |
| L SLFp | -0.186 | 0.244 | -0.156 | 0.331 |
| L SLFt | -0.254 | 0.108 | -0.228 | 0.151 |
| L UF | -0.138 | 0.388 | -0.136 | 0.398 |
| R ATR | -0.219 | 0.170 | -0.206 | 0.195 |
| R CAB | -0.159 | 0.319 | -0.171 | 0.286 |
| R CCG | -0.384 | 0.013* | -0.353 | 0.024* |
| R CST | -0.371 | 0.017* | -0.371 | 0.017* |
| R ILF | -0.225 | 0.157 | -0.218 | 0.171 |
| R SLFp | -0.304 | 0.053 | -0.276 | 0.081 |
| R SLFt | -0.356 | 0.022* | -0.328 | 0.036* |
| R UF | -0.084 | 0.603 | -0.103 | 0.521 |

The r and p-value were obtained using Pearson's correlation analysis including covariates for age and sex. The Bonferroni correction was applied in 18 WM tracts: 18 comparisons in both hemispheres, $p < 0.00278$ (0.05/18). *denotes WM tracts that remained significant after Bonferroni correction. MDD, major depressive disorder; C4BPA, C4b-binding protein alpha chain; C4BPB, C4b-binding protein beta chain; L, left hemisphere; R, right hemisphere; ATR, anterior thalamic radiation; CAB, cingular-angulum bundle; CCG, cingulum-cingulate gyrus bundle; CST, corticospinal tract; ILF, inferior longitudinal fasciculus; SLFp, superior longitudinal fasciculus-parietal terminations; SLFt, superior longitudinal fasciculus-temporal terminations; UF, uncinat fasciculus