

Supplementary Table 5. Correlation between serum levels of C4BPA and C4BPB and radial diffusivity values in patients with MDD

WM tracts	C4BPA		C4BPB	
	r	p	r	p
Forceps major	-0.154	0.335	-0.118	0.463
Forceps minor	-0.134	0.404	-0.145	0.366
L ATR	-0.258	0.103	-0.238	0.133
L CAB	-0.148	0.356	-0.135	0.400
L CCG	-0.371	0.017*	-0.369	0.018*
L CST	-0.274	0.082	-0.264	0.095
L ILF	-0.193	0.227	-0.170	0.289
L SLFp	-0.181	0.257	-0.155	0.332
L SLFt	-0.237	0.135	-0.218	0.171
L UF	-0.220	0.167	-0.232	0.144
R ATR	-0.173	0.279	-0.167	0.298
R CAB	-0.111	0.491	-0.122	0.449
R CCG	-0.492	0.001*	-0.511	0.001*
R CST	-0.320	0.041	-0.350	0.025
R ILF	-0.134	0.403	-0.144	0.370
R SLFp	-0.278	0.079	-0.247	0.119
R SLFt	-0.382	0.014*	-0.359	0.021*
R UF	-0.120	0.454	-0.155	0.332

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, uncinate fasciculus