

**Supplementary Table 6.** Correlation between serum levels of C4BPA and C4BPB and axial diffusivity values in patients with MDD

WM tracts	C4BPA		C4BPB	
	r	p	r	p
Forceps major	-0.052	0.742	-0.052	0.744
Forceps minor	-0.229	0.145	-0.176	0.265
L ATR	-0.388	0.011*	-0.371	0.016*
L CAB	-0.244	0.120	-0.199	0.206
L CCG	-0.382	0.013*	-0.360	0.019*
L CST	-0.133	0.402	-0.091	0.566
L ILF	-0.077	0.627	-0.028	0.861
L SLFp	0.065	0.681	0.086	0.590
L SLFt	0.106	0.504	0.137	0.388
L UF	-0.196	0.213	-0.114	0.472
R ATR	-0.397	0.009	-0.333	0.031
R CAB	-0.108	0.496	-0.052	0.742
R CCG	0.076	0.633	0.070	0.661
R CST	-0.239	0.127	-0.181	0.250
R ILF	0.019	0.904	0.044	0.781
R SLFp	-0.187	0.237	-0.111	0.484
R SLFt	-0.006	0.969	0.068	0.669
R UF	-0.310	0.046	-0.249	0.112

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