

Supplementary Table 2. Differences of mean diffusivity values in the WM tracts between MDD and HCs

WM tracts	MDD		HC		F value	p
	Mean	SD	Mean	SD		
Forceps major	7.60E-04	2.53E-05	7.63E-04	2.65E-05	0.180	0.673
Forceps minor	7.72E-04	2.57E-05	7.71E-04	2.76E-05	0.079	0.780
L ATR	7.37E-04	2.82E-05	7.35E-04	2.54E-05	0.150	0.699
L CAB	7.63E-04	3.97E-05	7.73E-04	4.09E-05	0.059	0.809
L CCG	7.22E-04	3.53E-05	7.22E-04	3.32E-05	0.158	0.692
L CST	7.18E-04	2.48E-05	7.18E-04	2.43E-05	0.981	0.325
L ILF	7.89E-04	2.96E-05	7.81E-04	3.00E-05	0.104	0.748
L SLFp	7.45E-04	2.95E-05	7.35E-04	3.09E-05	0.314	0.577
L SLFt	7.50E-04	2.64E-05	7.41E-04	2.91E-05	0.002	0.967
L UF	7.86E-04	2.81E-05	7.79E-04	2.38E-05	0.421	0.518
R ATR	7.30E-04	2.55E-05	7.25E-04	2.87E-05	0.301	0.585
R CAB	7.09E-04	4.92E-05	7.49E-04	8.33E-05	1.292	0.259
R CCG	7.21E-04	3.05E-05	7.17E-04	3.29E-05	0.092	0.762
R CST	6.91E-04	2.67E-05	7.01E-04	3.47E-05	0.230	0.633
R ILF	7.70E-04	3.22E-05	7.74E-04	2.92E-05	0.862	0.356
R SLFp	7.13E-04	2.77E-05	7.12E-04	3.03E-05	0.234	0.630
R SLFt	7.18E-04	2.60E-05	7.17E-04	2.68E-05	0.026	0.872
R UF	7.34E-04	2.91E-05	7.47E-04	4.64E-05	1.708	0.195

The F and p-values were obtained using one-way analysis of covariance adjusted for age and sex as covariates. The Bonferroni correction was applied in 18 WM tracts: 18 comparisons in both hemispheres, $p < 0.00278$ ($0.05/18$). WM, white matter; MDD, major depressive disorder; HC, healthy control; SD, standard deviation; 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, uncinata fasciculus