

Supplementary Table 3. Correlation of illness duration and HDRS score with cortical surface area in patients with BD I

Cortical regions	Illness duration (months)		HDRS	
	R	p	R	p
Left hemisphere				
L Pars orbitalis	-0.298	0.140	-0.271	0.180
L Long insular gyrus	-0.425	0.030	-0.252	0.214
Right hemisphere				
R Frontomarginal gyrus	-0.072	0.728	0.258	0.203
R Subcentral gyrus	-0.069	0.739	-0.163	0.427
R Transverse frontopolar gyrus	0.022	0.916	0.270	0.182
R Anterior cingulate gyrus	-0.093	0.651	-0.414	0.036
R Posterior mid-cingulate gyrus	-0.022	0.914	-0.331	0.099
R Ventral posterior cingulate gyrus	0.048	0.817	0.208	0.307
R Cuneus	0.017	0.934	-0.257	0.205
R Pars opercularis	0.066	0.749	-0.302	0.134
R Pars orbitalis	-0.142	0.488	0.351	0.079
R Pars triangularis	0.018	0.929	0.378	0.057
R Middle frontal gyrus	-0.018	0.931	0.343	0.086
R Superior frontal gyrus	-0.039	0.851	-0.331	0.099
R Long insular gyrus	-0.339	0.090	-0.188	0.358
R Short insular gyrus	-0.043	0.833	0.236	0.245
R Superior occipital gyrus	0.178	0.385	0.135	0.512
R Lingual gyrus	-0.012	0.954	-0.254	0.210
R Parahippocampal gyrus	0.020	0.924	0.361	0.070
R Precuneus	-0.030	0.883	-0.209	0.304
R Straight gyrus	-0.107	0.602	-0.415	0.035
R Anterior transverse temporal gyrus	-0.005	0.981	0.292	0.148
R Lateral superior temporal gyrus	0.090	0.662	-0.361	0.070
R Planum temporale	-0.029	0.888	0.219	0.282

A two-tailed Pearson's partial correlation analysis was performed that controlled for age, sex, educational level, and intracranial volume. The 24 cortical regions that remained significant after Bonferroni correction are listed (corrected $p=[0.05/24]=2.08\times 10^{-3}$). BD, bipolar disorder; HDRS, Hamilton Depression Rating Scale