

Supplementary Table 5. Correlation of YMRS score with cortical surface area in patients with BD

Cortical regions	YMRS score	
	R	p
Left hemisphere		
L Pars orbitalis	0.071	0.559
L Long insular gyrus	0.142	0.242
Right hemisphere		
R Frontomarginal gyrus	-0.184	0.127
R Subcentral gyrus	0.077	0.525
R Transverse frontopolar gyrus	-0.123	0.312
R Anterior cingulate gyrus	0.117	0.337
R Posterior mid-cingulate gyrus	0.114	0.346
R Ventral posterior cingulate gyrus	-0.097	0.423
R Cuneus	0.066	0.588
R Pars opercularis	0.190	0.116
R Pars orbitalis	-0.072	0.551
R Pars triangularis	-0.105	0.388
R Middle frontal gyrus	-0.173	0.152
R Superior frontal gyrus	0.077	0.524
R Long insular gyrus	0.244	0.042
R Short insular gyrus	-0.132	0.277
R Superior occipital gyrus	-0.119	0.328
R Lingual gyrus	0.040	0.741
R Parahippocampal gyrus	-0.090	0.461
R Precuneus	0.135	0.264
R Straight gyrus	0.097	0.423
R Anterior transverse temporal gyrus	-0.085	0.484
R Lateral superior temporal gyrus	0.122	0.315
R Planum temporale	-0.112	0.355

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; YMRS, Young Mania Rating Scale