Table S1. Comparisons of regional thickness across groups

Region-of-interest, L/R	1. Schizophrenia N = 117		2. Bipolar disorder N = 121		3. Healthy controls N = 192		ANCOVA $F_{(2, 425)}$	p	Pairwise comparisons[a]
Frontal regions									
Caudal anterior cingulate	2.48	(0.029)	2.57	(0.029)	2.59	(0.023)	4.66	*0.011*	1 < 2,3
	2.48	(0.021)	2.50	(0.021)	2.52	(0.017)	0.85	0.429	
Caudal middle frontal	2.24	(0.014)	2.25	(0.014)	2.31	(0.011)	8.99	*<0.001*	1,2 < 3
	2.23	(0.015)	2.23	(0.014)	2.28	(0.011)	5.14	*0.006*	1,2 < 3
Pars opercularis	2.21	(0.014)	2.23	(0.014)	2.28	(0.011)	7.72	*0.001*	1,2 < 3
	2.22	(0.015)	2.25	(0.015)	2.30	(0.012)	8.48	*<0.001*	1,2 < 3
Rostral anterior cingulate	2.62	(0.022)	2.63	(0.022)	2.67	(0.017)	2.30	0.101	
	2.55	(0.024)	2.52	(0.023)	2.57	(0.018)	1.86	0.157	
Rostral middle frontal	2.04	(0.012)	2.06	(0.011)	2.11	(0.009)	11.52	*<0.001*	1,2 < 3
	1.99	(0.011)	2.01	(0.011)	2.05	(0.009)	9.01	*<0.001*	1,2 < 3
Superior frontal	2.49	(0.013)	2.50	(0.013)	2.56	(0.010)	12.60	*<0.001*	1,2 < 3
	2.48	(0.012)	2.47	(0.012)	2.53	(0.009)	9.63	*<0.001*	1,2 < 3
Temporal regions									
Fusiform	2.39	(0.012)	2.42	(0.012)	2.43	(0.010)	3.27	0.039	
	2.46	(0.012)	2.48	(0.012)	2.52	(0.009)	8.94	*<0.001*	1,2 < 3
Inferior temporal	2.51	(0.016)	2.54	(0.016)	2.56	(0.012)	2.52	0.082	
	2.58	(0.013)	2.61	(0.013)	2.66	(0.010)	12.46	*<0.001*	1,2 < 3
Middle temporal	2.56	(0.015)	2.58	(0.015)	2.61	(0.012)	3.95	0.020	

	2.63	(0.015)	2.68	(0.015)	2.72	(0.012)	10.67	**<0.001**	1 < 2 < 3
Superior temporal	2.53	(0.015)	2.57	(0.015)	2.59	(0.012)	5.64	**0.004**	1 < 3
	2.60	(0.015)	2.62	(0.015)	2.66	(0.012)	5.04	**0.007**	1,2 < 3
Temporal pole	3.49	(0.028)	3.54	(0.027)	3.55	(0.021)	1.40	0.247	
	3.62	(0.027)	3.65	(0.026)	3.69	(0.021)	2.02	0.133	
Transverse temporal	2.03	(0.020)	2.07	(0.019)	2.04	(0.015)	0.96	0.384	
	2.07	(0.024)	2.06	(0.023)	2.09	(0.019)	0.92	0.401	
Parietal regions									
Superior parietal	1.86	(0.010)	1.85	(0.010)	1.87	(0.008)	1.32	0.270	
	1.84	(0.011)	1.84	(0.011)	1.87	(0.008)	3.71	0.025	
Occipital regions									
Lateral occipital	1.93	(0.011)	1.95	(0.010)	1.97	(0.008)	4.43	**0.013**	1 < 3
	1.95	(0.011)	1.95	(0.011)	1.97	(0.009)	2.08	0.127	

Adjusted means and SE are reported. Age (age = 34.5 years) and sex were included as covariates. Abbreviations: L/R, Left/Right; ANCOVA, univariate analysis of covariance. Pairwise comparisons are based on adjusted marginal means.

Bold; overall group differences (Bonferroni corrected).

[a] Post-hoc pairwise comparisons for schizophrenia vs. controls demonstrated cortical thickness reduction in schizophrenia in widespread regions in the frontal, temporal and occipital regions, for bipolar disorder vs. controls demonstrated cortical thickness reduction in bipolar disorder in several bilateral frontal regions and the right temporal regions. Schizophrenia patients displayed cortical thickness reduction in the left caudal anterior cingulate and right middle temporal regions as compared with bipolar disorder.

Table S2. Comparisons of regional area across groups

Regions-of-interest L/R	1.Schizophrenia N = 117		2. Bipolar disorder N = 121		3. Healthy controls N = 192		ANCOVA $F_{(2, 425)}$	p	Pairwise comparisons[a]
Frontal regions									
Caudal anterior cingulate	531.3	(11.9)	539.1	(11.6)	549.8	(9.2)	0.8	0.456	
	595.1	(9.9)	589.1	(9.6)	600.3	(7.6)	0.4	0.662	
Caudal middle frontal	2608.9	(36.4)	2698.1	(35.5)	2671.8	(28.2)	1.6	0.199	
	2399.1	(37.2)	2568.2	(36.2)	2524.3	(28.8)	5.7	**0.004**	1 < 2,3
Pars Opercularis	1847.2	(26.4)	1905.0	(25.7)	1911.2	(20.4)	2.0	0.140	
	4960.3	(51.1)	5102.1	(49.8)	5100.1	(39.6)	2.7	0.067	
Rostral anterior cingulate	643.3	(11.5)	662.8	(11.2)	654.2	(8.9)	0.7	0.483	
	554.2	(12.9)	544.2	(12.6)	530.9	(10.0)	1.1	0.350	
Rostral middle frontal	3722.8	(49.9)	3876.1	(48.6)	3794.3	(38.6)	2.4	0.091	
	4422.2	(57.0)	4665.7	(55.6)	4580.0	(44.1)	4.8	**0.009**	1 < 2,3
Superior frontal	8264.1	(81.5)	8589.3	(79.4)	8381.2	(63.1)	4.2	**0.015**	1,3 < 2
	7788.4	(77.2)	8057.0	(75.2)	7943.0	(59.8)	3.1	0.046	
Temporal regions									
Fusiform	3721.3	(40.4)	3863.1	(39.4)	3820.8	(31.3)	3.3	0.037	
	3982.0	(40.5)	4202.6	(39.5)	4111.5	(31.4)	7.6	**0.001**	1 < 2,3
Inferior temporal	3191.2	(40.8)	3330.3	(39.7)	3276.7	(31.5)	3.0	0.050	
	3282.2	(43.5)	3393.6	(42.4)	3365.3	(33.7)	1.8	0.163	
Middle temporal	3424.8	(39.0)	3569.4	(38.0)	3560.5	(30.2)	4.6	**0.011**	1 < 2,3

						F	p	
	3544.4	(37.0)	3665.2	(36.0)	3661.7	(28.6)	3.7	0.025	
Superior temporal	4152.5	(41.7)	4249.3	(40.6)	4172.7	(32.3)	1.6	0.202	
	3764.5	(37.2)	3900.3	(36.2)	3794.4	(28.8)	3.9	0.020	
Temporal pole	546.8	(6.7)	564.5	(6.5)	556.3	(5.2)	1.8	0.174	
	499.5	(5.8)	521.6	(5.7)	499.3	(4.5)	5.5	***0.004***	1,3 < 2
Transverse temporal	489.8	(7.3)	505.8	(7.1)	498.4	(5.7)	1.2	0.297	
	357.7	(5.5)	367.4	(5.3)	360.3	(4.2)	0.9	0.412	
Parietal regions									
Superior parietal	4899.9	(51.4)	5025.7	(50.1)	4933.7	(39.8)	1.7	0.185	
	1520.6	(24.5)	1560.4	(23.9)	1546.8	(19.0)	0.7	0.502	
Occipital regions									
Lateral occipital	4762.7	(51.0)	4901.4	(49.7)	4882.8	(39.5)	2.3	0.103	
	4098.0	(49.8)	4267.0	(48.5)	4212.9	(38.5)	3.1	0.048	

Adjusted means and SE are reported. Age (age = 34.5 years) and sex were included as covariates. Abbreviations: L/R, Left/Right; ANCOVA, univariate analysis of covariance;

Pairwise comparisons are based on adjusted marginal means

Bold; overall group differences (Bonferroni corrected).

[a] Post-hoc pairwise comparisons for schizophrenia vs. controls demonstrated cortical area reduction in schizophrenia in the right middle frontal regions, the right fusiform and left middle temporal regions, for bipolar disorder vs. schizophrenia demonstrated larger cortical area in bipolar disorder in several frontal and temporal regions. Bipolar disorder patients displayed cortical area increase in the left superior frontal and right temporal pole regions as compared with healthy controls.