

On-line Table: FreeSurfer regional volume differences between mTBI and healthy control cohorts^a

	Left			Right		
	BIMA (n = 66)		NORMAL (n = 73)	BIMA (n = 66)		NORMAL (n = 73)
	Mean (SD)	Mean (SD)		Mean (SD)	Mean (SD)	
Cortical gray matter volume						
Insula	0.431 (0.036)	0.459 (0.061)	<.001	0.444 (0.038)	0.462 (0.060)	.01
Lateral orbitofrontal cortex	0.462 (0.046)	0.481 (0.067)	<.001	0.476 (0.053)	0.499 (0.077)	<.001
Medial orbitofrontal cortex	0.354 (0.041)	0.362 (0.055)	.039	0.338 (0.038)	0.359 (0.051)	<.001
Postcentral gyrus	0.619 (0.088)	0.658 (0.098)	.002	0.586 (0.064)	0.631 (0.108)	<.001
Precentral gyrus	0.851 (0.109)	0.899 (0.136)	.002	0.850 (0.103)	0.912 (0.135)	<.001
Rostral anterior cingulate cortex	0.173 (0.032)	0.186 (0.038)	<.001	0.147 (0.030)	0.156 (0.039)	.056
Transverse temporal gyrus	0.075 (0.012)	0.083 (0.019)	<.001	0.059 (0.010)	0.063 (0.016)	.005
Subcortical gray matter volume						
Cerebellum cortical	3.460 (0.417)	3.673 (0.564)	.001	3.616 (0.462)	3.795 (0.578)	.006
Thalamus	0.521 (0.046)	0.546 (0.071)	.004	0.452 (0.041)	0.474 (0.064)	.002
White matter volume						
Transverse temporal gyrus	0.053 (0.009)	0.059 (0.010)	<.001	0.039 (0.007)	0.041 (0.007)	.101
						>.999

^a Note:—Adj. indicates adjusted; n, number with non-missing data.

^b FreeSurfer volumes expressed as a percentage of total intracranial volume.

^c Study group P value from the general linear model adjusted for age.

^d Holm-Bonferroni adjusted P values; table includes regions where either hemisphere showed a significant difference.

^e P < 0.05.