Table S4

Comparisons of brain region of interest (ROI) volumes between individuals with chronic kidney disease (CKD) (excluding kidney transplant recipients) and healthy controls, adjusted for age and sex.

Region of interest	Normalized ROI volume, mm^3*				F value‡	*P*
	CKD (excluding transplant) N=61		Control N=63			
	Least squares mean	Standard error	Least squares mean	Standard error		
Whole brain GM	828,487	3,676	831,708	3,616	0.39	0.5
Whole brain WM	509,514	2,077	511,714	2,044	0.56	0.5
Cortex GM	645,578	3,642	650,701	3,583	0.99	0.3
Frontal GM, total	245,950	1,784	246,649	1,755	0.08	0.8
Frontal GM, left	122,932	916	123,355	901	0.11	0.7
Frontal GM, right	123,018	900	123,294	885	0.05	0.8
Frontal WM	197,288	1,181	197,508	1,162	0.02	0.9
Temporal GM, left	67,035	463	68,151	455	2.92	0.09
Temporal GM, right	67,545	475	68,606	467	2.51	0.1
Parietal GM, left	62,860	544	63,425	535	0.54	0.5
Parietal GM, right	62,810	568	63,273	559	0.33	0.6
Occipital GM, left	46,371	421	46,920	414	0.85	0.4
Occipital GM, right	46,320	427	47,205	420	2.16	0.1
Limbic GM, left	23,671	217	23,577	213	0.09	0.8
Limbic GM, right	23,016	210	22,895	206	0.17	0.7
Amygdala	2,317	29	2,282	28	0.72	0.4
Hippocampus	8,274	94	8,355	93	0.37	0.5
Thalamus Proper	17,000	129	17,103	127	0.31	0.6
Lateral Ventricles	11,444	629	10,333	619	1.57	0.2

*ROI volumes calculated in cubic millimeters (mm^3). Raw ROI volumes normalized for intracranial volume (ICV) by dividing ROI volume by ICV, then multiplying by multiplying by 1,500,000 mm^3 (a constant representing the approximate average ICV) to scale to a larger value.

‡Degrees of freedom = 123

GM: Gray matter; WM: White matter; SE: standard error