Table S3

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

Region of interest	Normalized ROI volume, mm^3*				F value‡	*P*
	CKD N=82		Control N=63			
	Least squares mean	Standard error	Least squares mean	Standard error		
Whole brain GM	820,443	3,536	829,862	4,040	3.05	0.08
Whole brain WM	512,691	1,789	512,774	2,044	0.00	1.0
Cortex GM	639,811	3,367	649,019	3,846	3.20	0.08
Frontal GM, total	242,495	1,639	245,953	1,872	1.91	0.2
Frontal GM, left	121,229	840	122,997	959	1.90	0.2
Frontal GM, right	121,266	824	122,956	941	1.81	0.2
Frontal WM	198,404	998	197,936	1,140	0.09	0.8
Temporal GM, left	67,186	413	68,045	472	1.85	0.2
Temporal GM, right	67,672	420	68,499	480	1.67	0.2
Parietal GM, left	61,805	500	63,172	572	3.20	0.08
Parietal GM, right	61,841	522	63,020	597	2.19	0.1
Occipital GM, left	46,165	355	46,835	406	1.52	0.2
Occipital GM, right	46,285	360	47111	411	2.26	0.1
Limbic GM, left	23,536	191	23,533	218	0.00	1.0
Limbic GM, right	22,826	185	22,852	211	0.01	1.0
Amygdala	2,326	25	2.284	28	1.27	0.3
Hippocampus	8,326	77	8,359	88	0.08	0.8
Thalamus Proper	16,991	111	17,101	126	0.43	0.5
Lateral Ventricles	11,542	539	10,404	615	1.92	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 1,500,000 mm^3 (a constant representing the approximate average ICV) to scale to a larger value.

‡Degrees of freedom = 144

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