

Table S1

Comparisons of brain region of interest (ROI) volumes between individuals with chronic kidney disease (CKD) and healthy controls without adjustment for other covariates.

Region of interest	Normalized ROI volume, mm ³ *				P	Q [#]
	CKD N=82		Control N=63			
	Mean	SD	Mean	SD		
Whole brain GM	818,409	49,719	832,509	33,615	0.04	0.2
Whole brain WM	513,876	23,676	511,231	24,023	0.5	0.6
Cortex GM	637,820	46,218	651,611	33,149	0.04	0.2
Frontal GM, total	241,463	21,683	247,295	15,401	0.06	0.2
Frontal GM, left	120,709	11,012	123,673	7,950	0.06	0.2
Frontal GM, right	120,754	10,823	123,622	7,662	0.06	0.2
Frontal WM	198,645	10,547	197,622	12,441	0.6	0.7
Temporal GM, left	67,104	4,062	68,153	4,128	0.1	0.2
Temporal GM, right	67,601	4,446	68,591	3,968	0.2	0.3
Parietal GM, left	61,523	6,617	63,539	5,126	0.04	0.2
Parietal GM, right	61,585	6,745	63,353	5,188	0.08	0.2
Occipital GM, left	46,089	3,235	46,934	3,724	0.2	0.3
Occipital GM, right	46,193	3,433	47,231	3,548	0.1	0.2
Limbic GM, left	23,476	1,991	23,610	1,722	0.7	0.7
Limbic GM, right	22,785	1,801	22,904	1,695	0.7	0.7
Amygdala	2,329	230	2,280	213	0.2	0.3
Hippocampus	8,332	728	8,351	652	0.9	0.9
Thalamus Proper	16,987	956	17,105	1,037	0.5	0.6
Lateral Ventricles	11,676	5,506	10,230	4,259	0.08	0.2

*ROI volumes calculated in cubic millimeters (mm³). Raw ROI volumes normalized for intracranial volume (ICV) by dividing ROI volume by ICV, then multiplying by a constant of 1,500,000 mm³ (which represents the approximate average ICV) to scale to a larger value.

#False discovery rate-adjusted P values

GM: Gray matter; WM: White matter; SD: Standard deviation