

**Table S2**

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

Region of interest	Normalized ROI volume, mm <sup>3</sup> * [mean (SD)]				P
	CKD (excluding transplant) N=61		Control N=63		
	Mean	SD	Mean	SD	
Whole brain GM	827,660	44,634	832,509	33,615	0.5
Whole brain WM	510,012	44,634	511,231	24,023	0.8
Cortex GM	644,638	43,290	651,611	33,149	0.3
Frontal GM, total	245,283	20,495	247,295	15,401	0.5
Frontal GM, left	122,603	10,355	123,673	7,950	0.5
Frontal GM, right	122,680	10,313	123,622	7,662	0.6
Frontal WM	197,170	9,832	197,622	12,441	0.8
Temporal GM, left	67,033	3,797	68,153	4,129	0.1
Temporal GM, right	67,560	4,248	68,592	3,968	0.2
Parietal GM, left	62,742	6,159	63,539	5,126	0.4
Parietal GM, right	62,727	6,088	63,353	5,188	0.5
Occipital GM, left	46,357	3,152	46,934	3,724	0.4
Occipital GM, right	46,294	3,504	47,231	3,548	0.1
Limbic GM, left	23,637	1,979	23,610	1,722	0.9
Limbic GM, right	23,006	1,735	22,904	1,695	0.7
Amygdala	2,319	239	2,280	213	0.3
Hippocampus	8,279	804	8,351	652	0.6
Thalamus Proper	16,998	952	17,106	1,037	0.5
Lateral Ventricles	11,551	5,825	10,230	4,259	0.2

\*ROI volumes calculated in cubic millimeters (mm<sup>3</sup>). Raw ROI volumes normalized for intracranial volume (ICV) by dividing ROI volume by ICV, then multiplying by a constant of 1,500,000 mm<sup>3</sup> (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