

**Additional file** Correlation matrix presenting Pearson correlation coefficient (95% CI) between the five outcome variables

	Temporal lobe atrophy	Frontal lobe atrophy	Parietal lobe atrophy	Occipital lobe atrophy
Frontal lobe atrophy	0.49 (0.41-0.57) ***			
Parietal lobe atrophy	0.52 (0.44-0.59) ***	0.55 (0.47-0.62) ***		
Occipital lobe atrophy	0.54 (0.46-0.61) ***	0.48 (0.39-0.55) ***	0.70 (0.64-0.75) ***	
White matter lesions	0.23 (0.13-0.32) ***	0.15 (0.05-0.25) **	0.15 (0.05-0.25) **	0.21 (0.12-0.31) ***

The Pearson correlation coefficient (95% CI), \*\*\* = p value <0.001, \*\* = p value <0.01