

**Table S2.** Atrophy results in AD patients

Region	Peak's <i>t</i> value	MNI coordinates			Cluster size
		x	y	z	
L Amygdala	6.50	-24	-1,5	-19.5	49484
R Amygdala	6.44	22.5	-4.5	-16.5	
R Angular	5.13	39	-63	28.5	4836
R Temporal Mid	4.66	52.5	-33	-12	
L Parietal Inf	4.60	-45	-33	40.5	1334
L Angular	3.61	-36	-61.5	33	
L Temporal Mid	4.18	-54	-60	21	400
R Temporal Inf	4.12	42	-60	-6	657
R Occipital Mid	3.63	39	-70.5	0	
R Precuneus	4.10	9	-49.5	25.5	987
L Cingulum Mid	3.60	-9	-39	34.5	
R Precuneus	4.03	6	-63	58.5	303
R Parietal Sup	3.56	18	-63	60	
R Frontal Sup	3.69	21	42	39	183
R Precuneus	3.63	1.5	-61.5	39	195
R Frontal Inf Oper	3.63	39	10.5	31.5	308
R Frontal Mid	3.46	33	21	39	

Voxel-based morphometry results showing regions with significant grey matter loss in AD patients compared to CN matched in sex, age, and years of education. Results are cluster-corrected for multiple comparisons using AlphaSim with an alpha level of  $p < 0.05$  (extent threshold = 172). L: left; R: right.