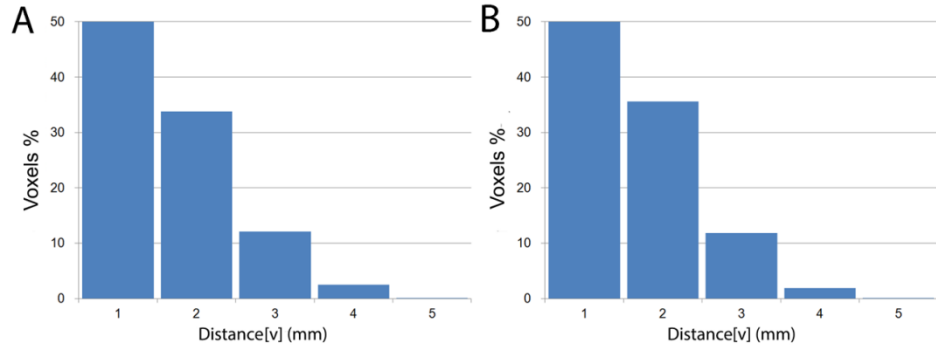


Supplemental Table 1. AD Subject–Wise Mean Neocortical Distance[v] and Voxel Counts for ¹⁸F-THK5117–and ¹¹C-PiB–Positive Voxels (Cutoff, 1.5 SDs)

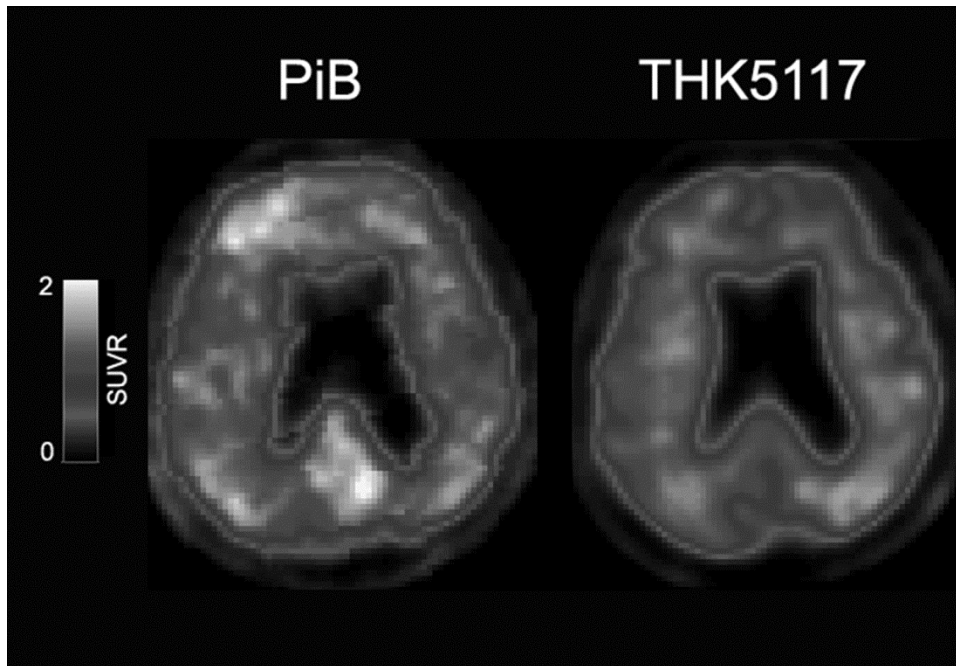
	Total cortex (mm)		Frontal cortex (mm)		Parietal cortex (mm)		Temporal cortex (mm)		Occipital cortex (mm)		Number of positive-voxels (10 ⁴)	
	¹⁸ F-THK	¹¹ C-PiB	¹⁸ F-THK	¹¹ C-PiB	¹⁸ F-THK	¹¹ C-PiB	¹⁸ F-THK	¹¹ C-PiB	¹⁸ F-THK	¹¹ C-PiB	¹⁸ F-THK	¹¹ C-PiB
Subject 1	1.59	1.88	1.42	2.02	1.32	1.58	1.99	2.08	1.41	1.63	5.2	21.3
Subject 2	1.36	1.65	1.35	1.77	1.25	1.45	1.47	1.61	1.33	1.62	4.4	16.1
Subject 3	1.42	1.66	1.38	1.66	1.37	1.51	1.49	1.77	1.4	1.61	2.6	23.1
Subject 4	1.63	1.67	1.51	1.64	1.36	1.47	1.87	2	1.66	1.76	5.2	26.0
Subject 5	1.48	1.78	1.42	1.82	1.28	1.49	1.66	1.99	1.41	1.7	4.6	24.8
Mean (AD)	1.50	1.73	1.42	1.78	1.32	1.50	1.70	1.89	1.44	1.66	4.4	22.3

Supplemental Table 2. Healthy Subject–Wise Mean Neocortical Distance[v] and Voxel Counts for ¹⁸F-THK5117–and ¹¹C-PiB–Positive Voxels (Cutoff, 1.5 SDs)

	Total cortex (mm)		Frontal cortex (mm)		Parietal cortex (mm)		Temporal cortex (mm)		Occipital cortex (mm)		Number of positive voxels (10 ⁵)	
	¹⁸ F-THK	¹¹ C-PiB	¹⁸ F-THK	¹¹ C-PiB	¹⁸ F-THK	¹¹ C-PiB	¹⁸ F-THK	¹¹ C-PiB	¹⁸ F-THK	¹¹ C-PiB	¹⁸ F-THK	¹¹ C-PiB
Subject 1	1.4	1.36	1.41	1.38	1.24	1.33	1.38	1.35	1.27	1.32	2.7	3.9
Subject 2	1.43	1.44	1.37	1.41	1.18	1.35	1.59	1.49	1.28	1.57	1.9	3.4
Subject 3	1.5	1.41	1.21	1.37	1.19	1.37	1.8	1.47	1.16	1.49	1.6	2.1
Subject 4	1.21	1.78	1.16	1.3	1.2	1.72	1.28	1.77	1.24	1.97	1.2	1
Subject 5	1.48	1.49	1.49	1.48	1.02	1.41	1.14	1.53	1.06	1.55	0.2	3.7
Mean (Control)	1.40	1.50	1.33	1.39	1.17	1.44	1.44	1.52	1.20	1.58	1.5	2.8



Supplemental Figure 1. Control distance[v] histogram for neocortical THK5117- and PiB-positive voxels (1.5 SDs). (A) Distance[v] histogram of THK5117-positive voxels in the total neocortex. (B) Distance[v] histogram of PiB-positive voxels in the total neocortex.



Supplemental Figure 2. ^{18}F -THK5117 and ^{11}C -PiB PET in an AD subject.