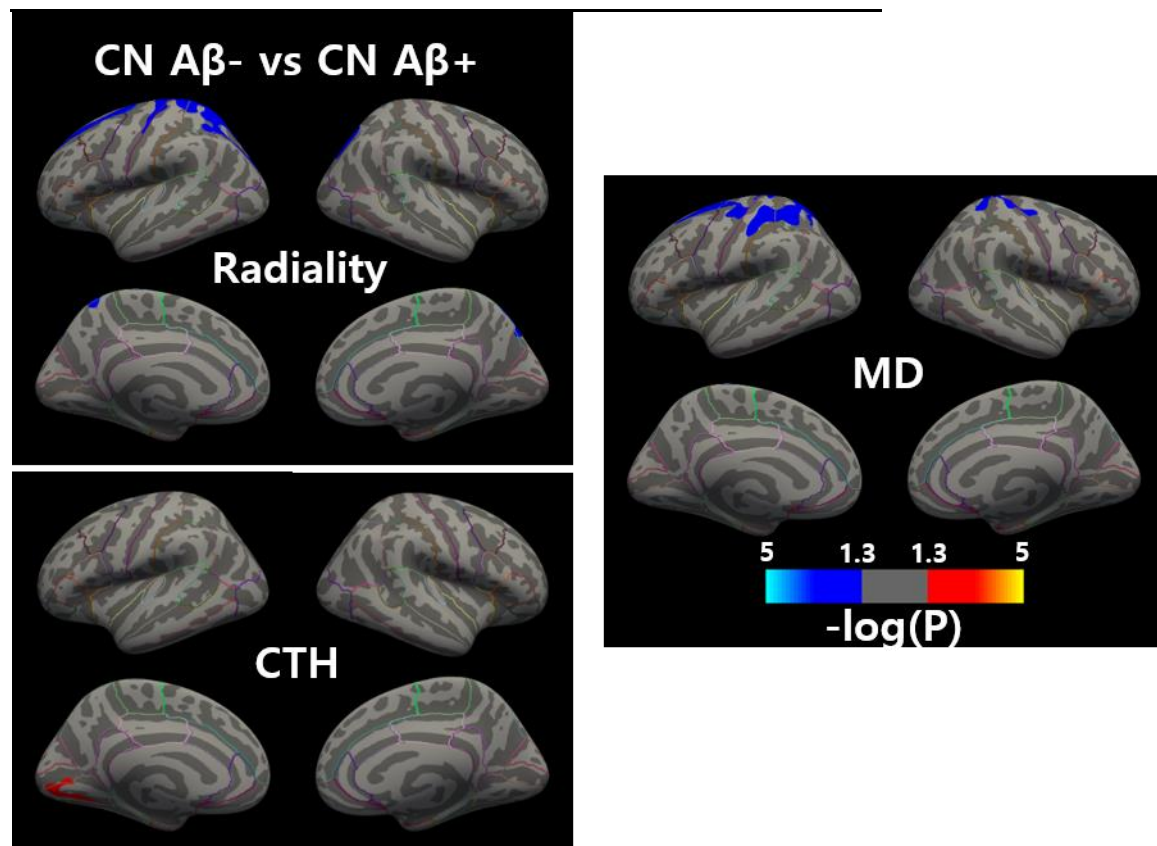


Supplementary information

Supplementary Table 1. Amyloid positive cognitive normal

	CN A β - (n=78)	CN A β + (n=28)
Female, n (%)	42 (53.8)	20 (71.4)
Age (SD) (y)	72.7 \pm 5.9	75.1 \pm 4.86
Education (SD) (y)	16.67 \pm 2.5	16.4 \pm 2.6
GCDR (SD)	0.0	0.0
MMSE (SD)	29.3 \pm 1.5	29.0 \pm 1.0
MADAS-Cog (SD)	9.7 \pm 6.8	10.6 \pm 4.4
Logical memory I: Immediate recall (SD)	14.2 \pm 2.9	13.8 \pm 3.0
Logical memory II: Delayed recall (SD)	12.8 \pm 3.4	13.0 \pm 3.1
Subjects with Amyloid positive	0 (0)	28 (100)



Supplementary Figure 1. Comparison of amyloid negative CN and amyloid positive CN

Group difference in radiality, cortical thickness and mean diffusivity from cognitive normal amyloid negative and positive. Radiality showed decrease in postcentral, CTh showed increase in insula, and MD showed decrease in postcentral cortex. Color bar indicates *p*-value interval of 0.05 to 10^{-5}

Supplementary Table 1. Results of cut-off analysis

	N	Accuracy	Sensitivity	Specificity	AUC
CN vs EMCI	78 vs 50	70.5%	70.2%	72.7%	0.766
CN vs LMCI	78 vs 34	67.9%	70.6%	66.7%	0.757
CN vs (EMCI+LMCI)	78 vs 84	70.5%	69.4%	66.7%	0.766
CN vs AD	78 vs 39	78.6%	79.5%	78.1%	0.867
CN vs (EMCI+LMCI+AD)	78 vs 123	72.8%	72.3%	73.1%	0.798