

Gohort	Variable types	Variables	AUC	95%CI	Sensitivity (%)	Specificity (%)	Accuracy (%)
Main cohort	Demographics	ApoEε4	0.757	0.646 - 0.867	94.1	50.7	59.5
	Neurocognitive measures	ADAS-Cog13 + MMSE + ADNI-MEM	0.879	0.772 - 0.985	76.5	88.1	85.7
	MRI imaging						
	Hippocampus	Volumes of left hippocampus	0.723	0.578 - 0.869	58.8	83.6	78.6
	Entorhinal	Cortical thickness standard deviation of right entorhinal + Thickness average of left entorhinal	0.767	0.647 - 0.888	94.1	56.7	64.3
	Temporal pole	Thickness average of right temporal pole + Volumes of left temporal pole + Surface area of left temporal pole + Thickness average of left temporal pole	0.788	0.633 - 0.942	64.7	88.1	83.3

Middle temporal	Thickness average of right middle temporal + Volumes of left middle temporal + Surface area of left middle temporal	0.835	0.733 - 0.937	82.4	70.1	72.6	
Inferior temporal	Surface area of right inferior temporal + Surface area of left inferior temporal + Thickness average of left inferior temporal	0.822	0.700 - 0.944	70.6	86.6	83.3	
Fusiform	Volumes of left fusiform + Surface area of left fusiform + Thickness average of left fusiform	0.755	0.609 - 0.901	52.9	95.5	86.9	
CSF sub-cohort	Demographics	ApoEε4 + gender	0.775	0.657 - 0.892	70.6	73.6	72.9
	CSF biomarkers	Aβ40 + p-tau + t-tau + Aβ42/40	0.922	0.861 - 0.984	94.1	81.1	84.3

Abbreviations: ApoE Apolipoprotein E, ADAS-Cog13 Alzheimer's Disease Assessment Scale-Cognitive Subscale 13, MMSE Mini-Mental State Examination, ADNI-MEM ADNI-Memory summary score, CSF cerebrospinal fluid, p-tau phosphorylated tau, t-tau, total tau, AUC area under curve of receiver operating characteristic, CI confidence intervals