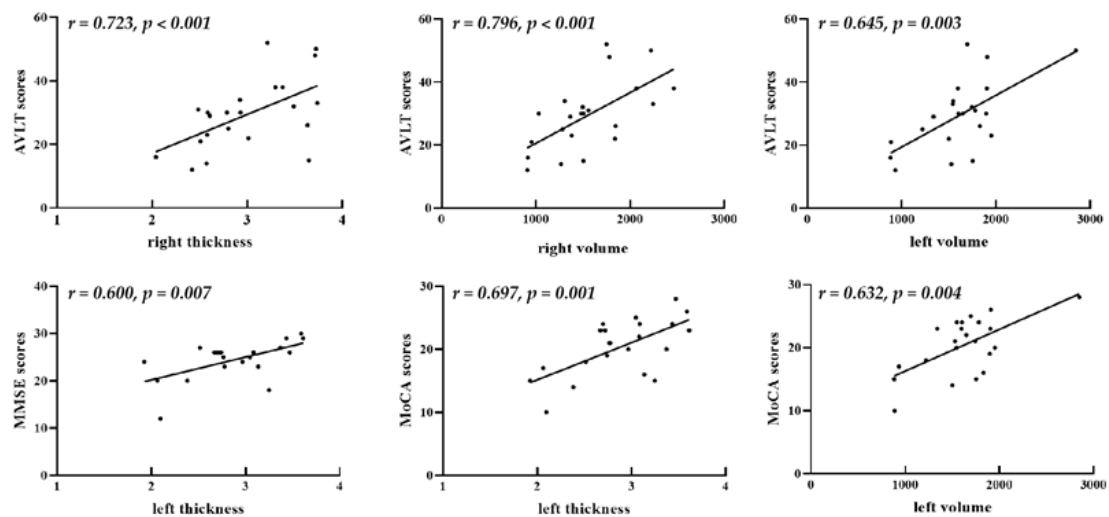


# Supplementary Materials: Magnetic Resonance Imaging Measurement of Entorhinal Cortex in the Diagnosis and Differential Diagnosis of Mild Cognitive Impairment and Alzheimer's Disease

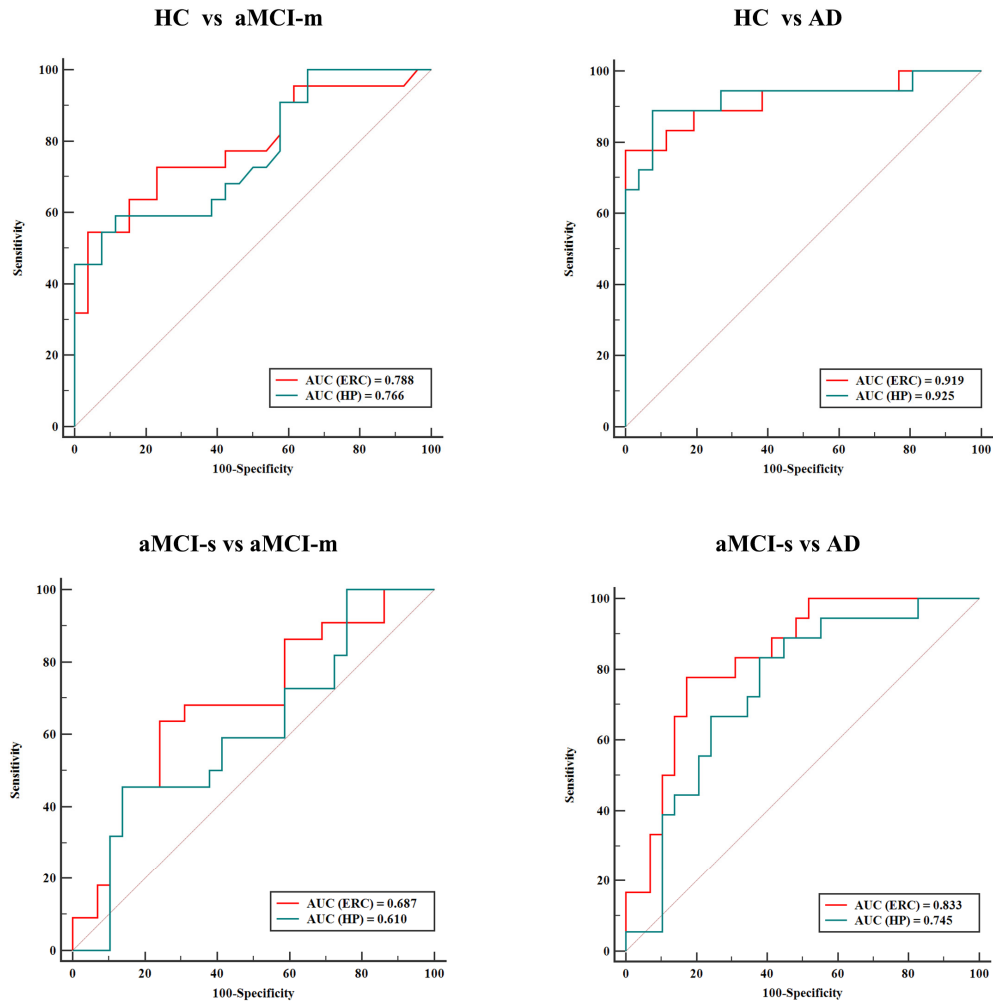
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**Table S1.** The AUCs of thickness, surface area and volume of ERC.

	Thickness		Surface area		Volume	
	right	left	right	left	right	left
HC vs aMCI-s	0.558	0.711	0.580	0.536	0.684	0.639
HC vs aMCI-m	0.736	0.729	0.553	0.510	0.774	0.778
HC vs AD	0.908	0.876	0.579	0.505	0.863	0.860
aMCI-s vs aMCI-m	0.647	0.505	0.513	0.520	0.589	0.527
aMCI-s vs AD	0.824	0.711	0.541	0.510	0.724	0.711
aMCI-m vs AD	0.694	0.707	0.519	0.514	0.654	0.697



**Figure S1.** The relationship between ERC morphometric measurements and memory performance in aMCI-m group. Note: thickness and volume of ERC were measured in millimeters (mm) and cubic millimeters (mm<sup>3</sup>) respectively.



**Figure S2.** The ERC vs HP in discriminating HC from aMCI-m, HC from AD, aMCI-s from aMCI-m and aMCI-s from AD. Red: entorhinal cortex; Green: hippocampus.