

Supplementary table 4: Diagnostic performances of different steatosis indices

Index systems	AUROC	SEN	SPE	PPV	NPV	Cut-Off Value
Diagnostic ability for MAFLD						
FLI	0.841 (0.812, 0.869)	0.760	0.743	0.636	0.839	58.17
FSI	0.836 (0.806, 0.866)	0.790	0.729	0.633	0.855	21.31
ZJU	0.834 (0.805, 0.864)	0.855	0.650	0.591	0.883	39.15
LAP	0.821 (0.790, 0.851)	0.828	0.670	0.598	0.868	37.00
HSI	0.821 (0.791, 0.852)	0.805	0.677	0.596	0.855	37.74
VAI	0.736 (0.698, 0.774)	0.721	0.688	0.578	0.807	1.45
Diagnostic ability for NAFLD						
FLI	0.803 (0.771,0.836)	0.720	0.706	0.546	0.837	60.00
FSI	0.810 (0.777,0.843)	0.746	0.708	0.556	0.850	23.00
ZJU	0.811 (0.778,0.843)	0.879	0.562	0.496	0.905	38.00
LAP	0.795 (0.762,0.829)	0.789	0.641	0.518	0.861	38.00
HSI	0.803 (0.770,0.836)	0.879	0.550	0.489	0.903	36.00
VAI	0.730 (0.691,0.770)	0.608	0.765	0.560	0.799	1.78

AUROC: area under the receiver operating characteristic; SEN: Sensitivity; SPE: Specificity; PPV: Positive predictive value; NPV: Negative predictive value; FLI: fatty liver index; FSI: Framingham steatosis index; ZJU: Zhejiang University index; LAP: lipid accumulation product; HSI: hepatic steatosis index; VAI: visceral adiposity index.