

Table 3. Subgroup analyses. Diagnostic performance of the novel polygenic risk score for prediction of NASH stratified by diabetes, metabolic syndrome (MetS), age thresholds and sex.

	Percentage	AUROC (95%CI)	Optimal cutoff	Sensitivity	Specificity	PPV	NPV
Chinese cohort							
With diabetes	34.6% (186/538)	0.80 (0.74-0.86)	3.4	0.69	0.77	0.68	0.78
Without diabetes	65.4% (352/538)	0.81 (0.76-0.85)	2.9	0.73	0.75	0.67	0.81
With MetS	73.0% (393/538)	0.78 (0.73-0.83)	3.4	0.68	0.77	0.70	0.75
Without MetS	27.0% (145/538)	0.84 (0.76-0.91)	2.9	0.77	0.84	0.69	0.88
Male	72.9% (392/538)	0.81 (0.76-0.85)	2.9	0.72	0.77	0.66	0.83
Female	27.1% (146/538)	0.77 (0.69-0.84)	3.4	0.70	0.76	0.73	0.72
Age thresholds							
< 40 years	41.4% (223/538)	0.80 (0.74-0.86)	2.9	0.80	0.70	0.78	0.72
40-60 years	49.6% (267/538)	0.81 (0.75-0.86)	2.6	0.87	0.62	0.51	0.91
≥ 60 years	8.9% (48/538)	0.67 (0.48-0.86)	3.6	0.64	0.70	0.39	0.87
Korean cohort							
With diabetes	38.0% (202/532)	0.78 (0.72-0.84)	3.3	0.87	0.62	0.54	0.90
Without diabetes	62.0% (330/532)	0.75 (0.70-0.80)	2.9	0.84	0.61	0.52	0.89
With MetS	73.3% (390/532)	0.74 (0.69-0.78)	3.3	0.84	0.58	0.55	0.86
Without MetS	26.7% (142/532)	0.80 (0.72-0.86)	3.5	0.75	0.78	0.50	0.91
Male	49.8% (265/532)	0.76 (0.70-0.81)	3.1	0.80	0.69	0.50	0.90
Female	50.2% (267/532)	0.74 (0.68-0.79)	3.3	0.85	0.58	0.56	0.86
Age thresholds							
< 40 years	24.2% (129/532)	0.79 (0.71-0.86)	3.1	0.92	0.56	0.56	0.92
40-60 years	38.0% (202/532)	0.78 (0.71-0.83)	3.5	0.79	0.77	0.59	0.89

≥ 60 years	37.8% (201/532)	0.72 (0.65-0.78)	3.3	0.81	0.59	0.50	0.86
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Note: AUROC, area under the receiver operating characteristics; CI, confidence intervals; MetS, metabolic syndrome; NASH, nonalcoholic steatohepatitis; NPV, negative predictive value; PPV, positive predictive value.