

Supplementary Table 1. The clinical characteristics of diabetic patients based on HIRI

Characteristic	HIRI				P value	P for trend
	Q1	Q2	Q3	Q4		
Age, yr	51.03±9.50	49.66±8.90	50.54±8.73	50.43±9.59	0.566	0.767
BMI, kg/m ²	24.90±2.23	25.36±2.53	25.60±2.48	26.63±2.53	<0.001	<0.001
SBP, mm Hg	124.88±11.87	124.05±12.75	125.06±12.13	125.16±12.93	0.830	0.658
DBP, mm Hg	79.48±7.30	79.69±8.46	80.21±7.36	80.46±7.60	0.609	0.183
AST, mmol/L	22.47±7.66	23.09±8.23	23.99±8.80	26.13±10.08	<0.001	0.005
ALT, IU/L	27.23±14.06	27.32±13.88	28.35±14.08	31.49±16.09	0.020	<0.001
eGFR, IU/L	99.86±30.74	107.53±34.54	115.98±91.98	119.49±38.03	0.004	<0.001
TC, mmol/L	5.10 (4.31–5.86)	5.09 (4.46–5.72)	5.11 (4.40–6.01)	5.44 (4.83–6.04)	0.008	0.006
TG, mmol/L	1.70 (1.20–2.44)	1.71 (1.26–2.65)	1.99 (1.28–2.74)	2.17 (1.50–3.02)	<0.001	<0.001
HDL-C, mmol/L	1.22 (1.03–2.41)	1.18 (1.04–1.42)	1.21 (1.04–1.39)	1.18 (1.01–1.40)	0.839	0.695
LDL-C, mmol/L	3.15±1.00	3.00±0.85	3.01±0.92	3.10±0.88	0.347	0.620

Values are presented as mean \pm standard deviation or median (interquartile range).

HIRI, hepatic insulin resistance index; BMI, body mass index; SBP, systolic blood pressure; DBP, diastolic blood pressure; AST, aspartate aminotransferase; ALT, alanine aminotransferase; eGFR, estimated glomerular filtration rate; TC, total cholesterol; TG, triglyceride; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol.