

1 Supplementary Table 1. Characteristics of All Participants

Characteristics	Total (n = 2715)	BMI<23kg/m ² (n = 1060)	23≤BMI<25kg/m ² (n = 655)	BMI≥25kg/m ² (n = 1000)	P value
Age (years)	56.73 ± 7.52	55.71 ± 7.91	57.06 ± 7.5	57.38 ± 7.11	0.001
Male sex, n(%)	1192(43.9%)	426(40.2%)	283(43.2%)	483(48.3%)	0.005
BMI (kg/m ²)	24.46 ± 3.09	21.39 ± 1.26	24.02 ± 0.57	27.35 ± 2.44	0.000
Waist circumference (cm)	81.54 ± 8.51	75.56 ± 6.79	80.95 ± 6.47	86.98 ± 7.4	0.000
WHR(waist-to-hip ratio)	0.87 ± 0.07	0.84 ± 0.06	0.87 ± 0.06	0.9 ± 0.08	0.000
WHtR(waist-to-height ratio)	0.52 ± 0.05	0.48 ± 0.04	0.51 ± 0.04	0.55 ± 0.04	0.000
Systolic blood pressure (mm Hg)	136.11 ± 17.99	131.22 ± 17.2	135.65 ± 16.99	140.55 ± 18.21	0.000
Diastolic blood pressure (mm Hg)	83.39 ± 10.06	80.56 ± 9.86	83.45 ± 9.31	85.74 ± 10.11	0.000
Hypertension, n (%)	896(33.0%)	229(21.6%)	223(34.0%)	444(44.4%)	0.000
Mets, n (%)	1006(37.1%)	169(15.9%)	172(26.3%)	665(66.5%)	0.000
NAFLD, n (%)	1100(40.5%)	227(21.4%)	256(39.1%)	617(61.7%)	0.000
WBC	5.45 ± 1.41	5.25 ± 1.41	5.52 ± 1.4	5.56 ± 1.4	0.000
HB	128.61 ± 15.36	127.04 ± 15.08	129.63 ± 14.98	129.28 ± 15.75	0.006
PLT	177.63 ± 51.37	173.96 ± 47.88	178.85 ± 0.29	179.97 ± 54.73	0.249
ALT (U/L)	24.22 ± 15.19	20.51 ± 3.25	23.66 ± 13.92	27.74 ± 16.67	0.000
AST (U/L)	24.42 ± 9.27	23.57 ± 10.87	24.04 ± 7.63	25.38 ± 8.68	0.000

AKP (U/L)	69.15 ± 19.37	67.09 ± 18.82	67.58 ± 15.84	72.61 ± 21.84	0.125
GGT (U/L)	32.13 ± 28.93	20.34 ± 14.11	32.34 ± 26.25	45.22 ± 36.68	0.000
LDH	169.39 ± 27.96	164.67 ± 26.32	169.42 ± 25.71	174.66 ± 30.49	0.032
ALB(g/L)	45.84 ± 3.28	45.77 ± 2.63	45.18 ± 3.07	46.4 ± 3.96	0.130
GLU(mmol/L)	5.78 ± 1.29	5.2 ± 1.22	5.33 ± 1.24	5.81 ± 1.52	0.000
TC(mmol/L)	4.8 ± 0.87	4.75 ± 0.86	4.8 ± 0.85	4.84 ± 0.9	0.381
TG (mmol/L)	1.53 ± 1.3	1.27 ± 0.84	1.58 ± 1.53	1.72 ± 1.41	0.000
LDL-C (mmol/L)	2.83 ± 0.71	2.78 ± 0.7	2.81 ± 0.69	2.89 ± 0.74	0.023
HDL-C (mmol/L)	1.48 ± 0.35	1.55 ± 0.32	1.49 ± 0.41	1.42 ± 0.31	0.000
BUN(mmol/L)	5.3 ± 1.26	5.2 ± 1.22	5.38 ± 1.33	5.33 ± 1.24	0.131
Cr(μmol/L)	63.16 ± 14.1	62.41 ± 2.92	63.53 ± 14.89	63.57 ± 14.52	0.531
UA(mmol/L)	290.41 ± 75.47	273.06 ± 70.36	291.67 ± 77.78	304.36 ± 75.27	0.000
CAP(dB/m)	231.43 ± 54.33	208.01 ± 42.01	231.43 ± 46.65	252.38 ± 60.19	0.000
E(kPa)	5.67 ± 3.83	5.54 ± 3.86	5.58 ± 4.4	5.85 ± 3.36	0.001
FLI score	30.98 ± 24.76	13.23 ± 11.26	29.70 ± 19.46	51.86 ± 23.35	0.000

2 P-values are for chi-square or Kruskal-Wallis tests between boys and girls. Means ± SDs were calculated for variables of normal distribution; median

3 and interquartile range (IQR) are shown for variables of skewed distribution.

4 BMI, body mass index; ALT, alanine amino transferase; AKP, alkaline phosphatase; GGT, gamma-glutamyl transferase; TG, triglyceride; LDL-C, low-
5 density lipoprotein cholesterol; HDL-C, high-density lipoprotein cholesterol.

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