

Supplementary table 2: Characteristics of the subjects according to MAFLD or NAFLD

Characteristics	Non-MAFLD (n = 443)	MAFLD (n = 262)	P value	Non-NAFLD (n = 473)	NAFLD (n = 232)	P value
Age (year)	45.00 (24.00,61.00)	54.00 (39.25,63.00)	P < 0.001	46.00 (26.00,61.00)	54.00 (39.00,63.00)	P < 0.001
Female (N, %)	239, 54.0%	123, 46.9%	P = 0.072	247, 52.2%	115, 49.6%	P = 0.508
Race (N, %)			P = 0.003			P = 0.032
Mexican American	49, 11.1%	55, 21.00%		57, 12.1%	47, 20.3%	
Other Hispanic	42, 9.5%	28, 10.7%		46, 9.7%	24, 10.3%	
Non-Hispanic	260, 58.7%	130, 49.6%		271, 57.3%	119, 51.3%	
Other Race	92, 20.8%	49, 18.7%		99, 20.9%	42, 18.1%	
Diabetes (N, %)	96, 36.6%	62, 14.0%	P < 0.001	74, 15.6%	84, 36.2%	P < 0.001
Hypertension (N, %)	148, 33.4%	144, 55.0%	P < 0.001	168, 35.5%	124, 53.4%	P < 0.001
Significant fibrosis (N, %)	19, 4.3%	50, 19.1%	P < 0.001	27, 5.7%	42, 18.1%	P < 0.001
Waist circumference (cm)	92.00 (80.90,101.50)	108.75 (97.88,118.50)	P < 0.001	93.40 (82.00,102.80)	108.45 (97.75,118.62)	P < 0.001
BMI (kg/m <sup>2</sup> )	26.00 (22.70,29.70)	32.40 (28.00,36.77)	P < 0.001	26.10 (23.10,30.30)	32.20 (28.00,36.73)	P < 0.001
SBP (mmHg)	117.0 (108.0,130.0)	125.00 (116.00,138.00)	P < 0.001	118.0 (109.0,131.0)	125.00 (115.00,137.00)	P < 0.001
DBP (mmHg)	70.00 (63.00,77.00)	74.00 (66.25,81.00)	P < 0.001	71.00 (64.00,77.00)	74.00 (66.00,81.00)	P < 0.001
ALT (U/L)	16.00	24.00	P < 0.001	16.00	23.00	P < 0.001

		(12.00,22.00)	(16.00,35.00)		(12.00,24.00)	(16.00,34.00)	
AST (U/L)	19.00	21.00	P < 0.001	19.00	20.00	P = 0.015	
		(16.00,23.00)	(17.00,27.75)		(16.00,23.00)	(16.75,27.00)	
HDL (mmol/L)	1.37	1.14	P < 0.001	1.37	1.14	P < 0.001	
		(1.14,1.66)	(0.98,1.34)		(1.14,1.66)	(0.98,1.33)	
TG (mmol/L)	0.88	1.37	P < 0.001	0.90	1.37	P < 0.001	
		(0.63,1.26)	(0.98,1.89)		(0.64,1.32)	(0.97,1.93)	
GGT (U/L)	17.00	26.00	P < 0.001	18.00	24.00	P < 0.001	
		(13.00,27.00)	(19.00,39.00)		(13.00,30.00)	(18.00,34.25)	
Fasting glucose	5.55	6.27	P < 0.001	5.55	6.22	P < 0.001	
(mmol/l)		(5.27,6.05)	(5.72,7.32)		(5.27,6.11)	(5.66,7.12)	
Fasting insulin	8.06	17.07	P < 0.001	8.31	17.07	P < 0.001	
(mU/ml)		(5.74,12.44)	(10.73,24.05)		(5.86,13.07)	(10.93,24.83)	
HbA1c	5.40	5.80	P < 0.001	5.40	5.80	P < 0.001	
		(5.20,5.70)	(5.50,6.60)		(5.20,5.80)	(5.50,6.60)	
hs-CRP (mg/L)	1.31	3.05	P < 0.001	1.36	3.16	P < 0.001	
		(0.62,2.98)	(1.35,5.71)		(0.63,3.08)	(1.46,5.82)	
HOMA - IR	2.04	5.03	P < 0.001	2.16	5.12	P < 0.001	
		(1.41,3.27)	(3.02,7.66)		(1.44,3.60)	(3.00,7.60)	
FLI	30.81	83.74	P < 0.001	36.46	83.15	P < 0.001	
		(8.96,61.77)	(58.27,94.84)		(10.46,65.84)	(56.64,94.91)	
FSI	11.40	47.87	P < 0.001	12.29	47.56	P < 0.001	
		(4.33,23.64)	(23.40,73.65)		(4.70,26.62)	(22.91,74.87)	
ZJU	36.14	45.32	P < 0.001	36.79	45.37	P < 0.001	
		(32.62,41.37)	(41.13,51.25)		(32.99,42.05)	(41.08,51.61)	

LAP	27.09 (14.16,45.52)	66.60 (42.76,102.27)	P < 0.001	29.18 (15.33,49.21)	66.61 (41.93,105.53)	P < 0.001
HSI	33.98 (30.38,39.49)	43.67 (38.52,49.03)	P < 0.001	34.64 (30.70,40.03)	43.79 (38.63,48.92)	P < 0.001
VAI	1.08 (0.67,1.66)	2.02 (1.33,3.04)	P < 0.001	1.10 (0.68,1.73)	2.06 (1.37,3.08)	P < 0.001

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Notes: MAFLD: metabolic dysfunction-associated fatty liver disease; BMI: body mass index; SBP: systolic pressure; DBP: diastolic pressure; ALT: alanine aminotransferase; AST: aspartate aminotransferase; HDL: high-density lipoprotein; TG: triglyceride; GGT: gamma-glutamyl-transferase; HbA1c: Hemoglobin A1c; hs-CRP: high-sensitivity C-reactive protein; HOMA-IR: homeostasis model assessment of insulin resistance; FLI: fatty liver index; FSI: Framingham Steatosis Index; ZJU: Zhejiang University index; LAP: lipid accumulation product; HSI: hepatitis steatosis index; VAI: visceral adiposity index