

**Supplemental Table S1.** General Characteristics of the Participants according to Presence or Absence of Steatotic Liver Disease

Characteristic	Total	Without steatotic liver disease	With steatotic liver disease	<i>P</i> value
Number	353,607	250,630 (70.9)	102,977 (29.1)	<0.01
Age, yr	42.4±10.4	41.5±10.4	44.3±10.4	<0.01
Male sex	175,809 (49.7)	101,302 (40.4)	74,507 (72.4)	<0.01
Body mass index, kg/m <sup>2</sup>	23.4±3.5	22.3±2.8	26.2±3.3	<0.01
Waist circumference, cm	81.3±10.0	77.9±8.4	89.6±8.5	<0.01
Systolic blood pressure, mm Hg	109.9±13.0	107.4±12.4	115.9±12.3	<0.01
Diastolic blood pressure, mm Hg	70.1±9.3	68.4±8.8	74.1±9.1	<0.01
Fasting blood glucose, mg/dL	93 (88–99)	92 (87–97)	97 (92–105)	<0.01
HbA1c, %	5.5 (5.3–5.7)	5.4 (5.3–5.6)	5.6 (5.4–5.9)	<0.01
Aspartate aminotransaminase, IU/L	20 (16–25)	19 (16–23)	23 (19–29)	<0.01
Alanine aminotransaminase, IU/L	18 (13–26)	15 (11–21)	27 (19–39)	<0.01
Total cholesterol, mg/dL	196.1±35.4	193.1±33.7	203.2±38.2	<0.01
Triglyceride, mg/dL	91 (65–133)	79 (60–110)	134 (96–189)	<0.01
High-density lipoprotein cholesterol, mg/dL	62.1±16.3	66.2±16.0	52.3±12.6	<0.01
Low-density lipoprotein cholesterol, mg/dL	125.2±33.6	121.0±31.9	135.5±35.4	<0.01
HOMA-IR	1.4 (0.9–2.1)	1.2 (0.8–1.7)	2.1 (1.4–3)	<0.01
High sensitivity C-reactive protein, mg/L	0.04 (0.03–0.09)	0.04 (0.02–0.06)	0.07 (0.04–0.14)	<0.01
Prevalence of diabetes mellitus	17,630 (5.0)	6,199 (2.5)	11,431 (11.1)	<0.01
Prevalence of hypertension	35,980 (10.2)	17,496 (7.0)	18,484 (17.9)	<0.01
Prevalence of steatotic liver disease	102,977 (29.1)	-	-	-
Prevalence of NAFLD	92,506 (26.2)	-	-	-
Prevalence of MAFLD	82,691 (23.4)	-	-	-
Prevalence of MASLD	98,806 (27.9)	-	-	-
Retinal disorder	27,005 (7.6)	17,575 (7.0)	9,430 (9.2)	<0.01
Macular degeneration	11,862 (3.4)	7,753 (3.1)	4,109 (4.0)	<0.01
Retinal vessel occlusion	512 (0.1)	305 (0.1)	207 (0.2)	<0.01
Diabetic retinopathy	431 (0.1)	207 (0.1)	224 (0.2)	<0.01
Epiretinal membrane	4,196 (1.2)	2,768 (1.1)	1,428 (1.4)	<0.01

Values are expressed as mean ± standard deviation, number (%), or median (interquartile range).

HbA1c, glycosylated hemoglobin; HOMA-IR, homeostasis model assessment index-insulin resistance; NAFLD, non-alcoholic fatty liver disease; MAFLD, metabolic dysfunction-associated fatty liver disease; MASLD, metabolic dysfunction-associated steatotic liver disease.