Table 1. General characteristics of study participants at visit 2 by glycemic status category at visits 1 and 2[*] (n=126,765)

Characteristics	Overall	Normal at visit 1			Prediabetes glucose at visit 1		
		Normal at visit 2	Prediabetes at visit 2	Diabetes at visit 2	Normal at visit 2	Prediabetes at visit 2	Diabetes at visit 2
Number of participants	126,765	53,807	18,952	51	14,627	37,857	1,471
Age (years) [a]	41.3 (7.0)	39.9 (6.3)	41.1 (6.9)	43 (8.8)	41.1 (6.7)	43.2 (7.5)	44.6 (8.4)
Male (%)	74.7	70.4	77.7	64.7	72.3	79.8	83.5
Seoul center(%)	47.0	48.2	48.0	41.2	44.2	46.1	46.2
Current smoker (%)	21.8	19.2	23.1	26.0	21.0	24.8	28.1
Alcohol intake (%)[c]	43.2	38.6	45.8	39.1	42.3	48.4	53.4
Physical activity (%)[d]	15.8	15.0	16.0	8.9	16.9	16.4	15.5
Education level (%)[e]	85.1	87.1	85.0	76.5	84.1	82.7	80.3
Medication for hypertension	5.8	3.3	6.0	17.7	5.1	9.1	16.4
Family history of CVD(%)	12.6	11.8	12.7	11.8	12.2	13.8	13.0
Lipid-lowering medication	3.31	1.86	3.36	1.96	2.68	5.43	7.12
Obesity (%)	38.3	28.9	41.8	72.6	34.9	49.7	73.2
Fatty liver(%)	39.08	28.05	42.47	74.51	34.97	52.95	81.8
BMI (kg/m²)[a]	24.3 (3.3)	23.5 (3.0)	24.6 (3.3)	28.3 (5.7)	24 (3.1)	25.2 (3.4)	27.5 (4.0)
Systolic BP (mmHg)[a]	112.2 (12.4)	109.9 (11.8)	113.7 (12.4)	121.9 (15.7)	111.2 (12.2)	115 (12.6)	121.1 (12.8)
Diastolic BP (mmHg)[a]	72.7 (9.8)	70.9 (9.3)	73.7 (9.7)	79.5 (11.4)	71.9 (9.6)	74.9 (9.9)	79.3 (10.3)
Glucose (mg/dL)[a]	95.9 (9.7)	90.7 (5.4)	98.7 (7.4)	130.1 (21.7)	92.7 (4.9)	101.6 (8.5)	132.2 (28.2)
eGFR(mL/min)	90.9 (15.5)	92.4 (15.7)	90.2 (15.3)	90.3 (17.2)	91.2 (15.6)	89.1 (15.2)	89.8 (16.5)
HbA1c (mg/dL)[a]	5.5 (0.3)	5.3 (0.2)	5.6 (0.2)	6.6 (1.1)	5.5 (0.2)	5.8 (0.2)	6.7 (1.0)
Total cholesterol (mg/dL)[a]	198.5 (34.0)	193.2 (32.3)	200.5 (33.7)	205.6 (44.8)	197.7 (33.3)	204.7 (35.0)	211.5 (40.2)
LDL-C (mg/dl)[a]	129.4 (31.7)	125.1 (30.7)	131.1 (31.5)	134.1 (40.6)	128.5 (31.3)	134.7 (32.3)	140 (36.0)
HDL-C (mg/dL)[a]	55.9 (14.7)	58.1 (15.2)	55 (14.2)	49.1 (14.0)	56.6 (14.8)	53.1 (13.6)	48.2 (12)
Triglycerides (mg/dL)[b]	110 (77-160)	96 (69-139)	117 (83-167)	150 (109-222)	103 (73-148)	128 (90-185)	173 (120-245)
ALT (U/L)[b]	21 (15-31)	19 (14-27)	22 (16-33)	35 (23-87)	20 (14-29)	24 (17-36)	38 (24-64)

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AST (U/L) [b]	20 (17-25)	19 (16-24)	21 (17-26)	26 (21-48)	20 (17-24)	21 (18-27)	27 (21-40)
GTP (U/L) [b]	25 (16-42)	21 (15-34)	28 (18-46)	42 (24-73)	23 (15-38)	32 (20-53)	54 (33-88)
hs-CRP (mg/L) [b]	0.5 (0.3-1.0)	0.4 (0.3-0.8)	0.5 (0.3-1.0)	1.4 (0.7-3.2)	0.5 (0.3-0.9)	0.6 (0.3-1.2)	1.1 (0.6-2.4)
HOMA-IR [b]	1.44 (0.96-2.14)	1.23 (0.83-1.76)	1.65 (1.11-2.42)	5.11 (2.86-7.58)	1.29 (0.89-1.83)	1.78 (1.19-2.61)	3.42 (2.23-5.38)
CAC >0 (%)	11.6	8.1	11.3	15.7	10.5	16.6	26.9
CACS if CAC >0	17 (5-54)	14 (4-43)	17 (5-56)	38 (30-129)	16 (4-48)	20 (5-63)	18 (5-70)

Data are [a] means (standard deviation), [b] median (interquartile range), or percentage.

Abbreviations: ALT, alanine aminotransferase; BP, blood pressure; CAC, coronary artery calcification; CACS, coronary artery calcium score; CVD, cardiovascular disease; GGT, γ-glutamyltransferase; HDL-C, high-density lipoprotein-cholesterol; HOMA-IR, homeostasis model assessment of insulin resistance; hs-CRP, high-sensitivity C-reactive protein; LDL-C, low-density lipoprotein-cholesterol.

[c] ≥ 20 g of ethanol per day

[d] ≥ 3 times /week

[e] ≥ College graduate

[*] visit 1; the visit preceding the baseline (and first) CAC CT scan (CACS-1st), visit 2; the visit at the first CAC CT scan (CACS-1st)