

**Supplementary Table 1.** Characteristics of the study population classified as having type 2 diabetes mellitus according to KNHANES and NHIS criteria (algorithm 2)

NHIS criteria (algorithm 2)	KNHANES criteria			
	Yes		No	
	Yes	No	Yes	No
Number	1,569 (12.1)	274 (2.1)	1,138 (8.7)	10,025 (77.1)
Age, yr	63.5±9.5	60.2±11.3	61.2±10.2	55.9±10.9
Age ≥65 years	798 (50.9)	100 (36.5)	462 (40.6)	2,446 (24.4)
Male sex	849 (54.1)	140 (51.1)	407 (35.8)	4,469 (44.6)
Height, cm	156.6±9.1	156.6±9.3	154.7±8.8	156.9±9.2
Weight, kg	60.2±10.7	61.7±11.5	56.8±10.4	57.6±10.7
BMI, kg/m <sup>2</sup>	25.0±3.0	25.5±3.3	24.2±2.9	23.8±2.9
Household income				
Quartile 1 (lowest)	467 (29.8)	61 (22.3)	259 (22.8)	1,538 (15.3)
Quartile 2	440 (28.0)	72 (26.3)	315 (27.7)	2,395 (23.9)
Quartile 3	334 (21.3)	79 (28.8)	275 (24.2)	2,837 (28.3)
Quartile 4 (highest)	328 (20.9)	62 (22.6)	289 (25.4)	3,255 (32.5)
Education duration, yr				
<6	658 (41.9)	101 (36.9)	425 (37.4)	2,520 (25.1)
6–9	281 (17.9)	49 (17.9)	204 (17.9)	1,347 (13.4)
10–12	401 (25.6)	72 (26.3)	339 (29.8)	3,326 (33.2)
≥13	229 (14.6)	52 (19.0)	170 (14.9)	2,832 (28.3)
Occupation (yes)	892 (56.9)	173 (63.1)	668 (58.7)	7,028 (70.1)
Smoking				
Current	814 (51.9)	149 (54.4)	762 (67.0)	6,146 (61.3)
Ex-smoker	446 (28.4)	66 (24.1)	219 (19.2)	2,200 (22.0)
Non-smoker	309 (19.7)	59 (21.5)	157 (13.8)	1,679 (16.8)
Alcohol consumption				
Heavy	577 (36.8)	87 (31.8)	403 (35.4)	2,694 (26.9)
Mild	846 (53.9)	164 (59.9)	655 (57.6)	6,619 (66.0)
None	146 (9.3)	23 (8.4)	80 (7.0)	712 (7.1)
Hypertension (yes)	977 (62.3)	149 (54.4)	521 (45.8)	3,285 (32.8)
Dyslipidemia (yes)	220 (14.0)	58 (21.2)	156 (13.7)	1,128 (11.3)
Chronic kidney disease (yes)	129 (8.2)	16 (5.8)	42 (3.7)	210 (2.1)
Laboratory findings				
Fasting glucose, mg/dL	139±40	124±25	98±11	95±9
HbA1c, %	8.2±2.1	7.3±1.3	5.7±0.6	5.6±0.6
Total cholesterol, mg/dL	182±41	206±40	194±39	195±34
HDL-cholesterol, mg/dL	45±11	47±13	50±12	50.4±12
Creatinine, mg/dL	0.88±0.26	0.85±0.2	0.83±0.28	0.83±0.23
eGFR, mL/min/1.73 m <sup>2</sup>	86.8±19.7	88.7±18.0	87.7±17.1	90.6±16.1

Values are presented as number (%) or mean ± standard deviation.

KNHANES, Korea National Health and Nutrition Examination Survey; NHIS, National Health Insurance System; BMI, body mass index; HbA1c, glycosylated hemoglobin; HDL, high-density lipoprotein; eGFR, estimated glomerular filtration rate.