

Supplementary Table 1. Baseline characteristics of the study participants by body mass index categories in male

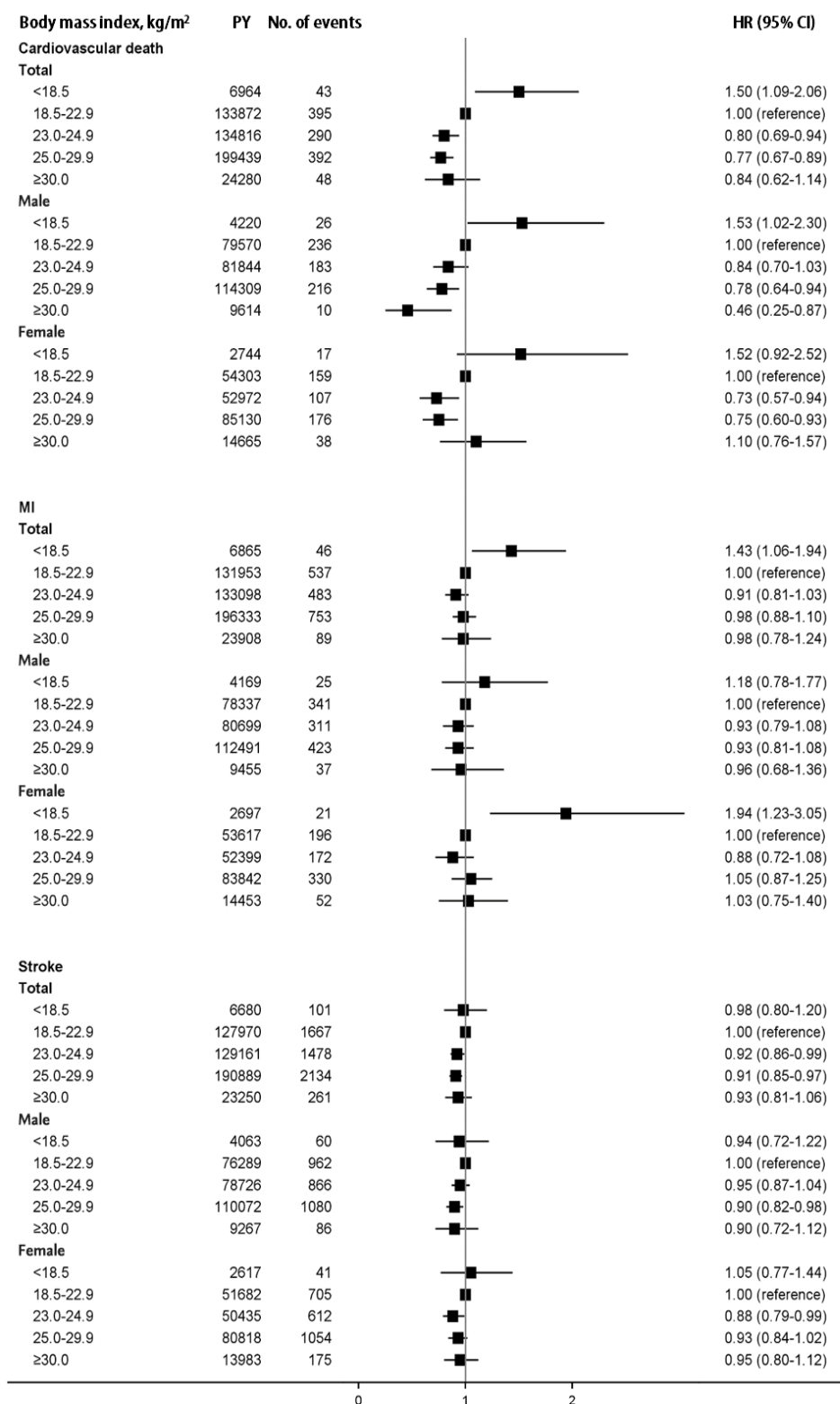
Variable	Body mass index (kg/m ²)					P
	< 18.5 (n=483)	18.5–22.9 (n=7,945)	23.0–24.9 (n=7,890)	25.0–29.9 (n=10,906)	≥ 30.0 (n=916)	
Age (yr)	59.3±10.8	55.9±9.8	54.4±9.2	53.4±8.9	51.7±8.5	<0.001
Systolic blood pressure (mmHg)	126.8±18.7	130.7±18.6	133.3±18.1	135.7±17.9	139.4±17.9	<0.001
Diastolic blood pressure (mmHg)	78.3±11.9	81.0±11.6	83.0±11.3	85.0±11.4	87.3±11.7	<0.001
Total cholesterol (mg/dL)	177.1±41.7	195.0±44.5	203.5±46.4	207.1±43.5	210.9±44.2	<0.001
Fasting glucose (mg/dL)	138.0 (109.0–175.0)	138.0 (112.0–176.0)	137.0 (112.0–172.0)	136.0 (114.0–168.0)	136.0 (116.0–167.0)	0.002
Current smoker	291 (60.3)	3,751 (47.2)	3,337 (42.3)	4,328 (39.7)	382 (41.7)	<0.001
Alcohol drinker	287 (59.4)	4,980 (62.7)	5,009 (63.5)	7,091 (65.0)	573 (62.6)	0.003
Low physical activity	323 (66.9)	4,235 (53.3)	3,729 (47.3)	5,121 (47.0)	432 (47.2)	<0.001
Household income						<0.001
Upper 30%	143 (29.6)	3,196 (40.2)	3,586 (45.5)	5,047 (46.3)	404 (44.1)	
Mid 40%	173 (35.8)	2,838 (35.7)	2,622 (33.2)	3,585 (32.9)	302 (33.0)	
Lower 30%	167 (34.6)	1,911 (24.1)	1,682 (21.3)	2,274 (20.9)	210 (22.9)	
Use of anti-hypertensive drugs	130 (26.9)	2,409 (30.3)	2,828 (35.8)	4,380 (40.2)	454 (49.6)	<0.001
Use of statin drugs	16 (3.3)	510 (6.4)	782 (9.9)	1,302 (11.9)	123 (13.4)	<0.001
Use of anti-platelet drugs	36 (7.5)	753 (9.5)	866 (11.0)	1,402 (12.9)	144 (15.7)	<0.001
Use of glucose-lowering drugs						
Metformin	87 (18.0)	1,795 (22.6)	1,869 (23.7)	2,511 (23.0)	218 (23.8)	0.041
Sulfonylurea	149 (30.9)	2,950 (37.1)	3,171 (40.2)	4,244 (38.9)	339 (37.0)	<0.001
Insulin	50 (10.4)	539 (6.8)	427 (5.4)	502 (4.6)	28 (3.1)	<0.001
Other glucose-lowering drugs	64 (13.3)	1,174 (14.8)	1,111 (14.1)	1,442 (13.2)	114 (12.5)	0.023

Values are presented as mean ± standard deviation, median (25th–75th percentile), or number (%).

Supplementary Table 2. Baseline characteristics of the study participants by body mass index categories in female

Variable	Body mass index (kg/m ²)					P
	< 18.5 (n=295)	18.5–22.9 (n=5,313)	23.0–24.9 (n=5,100)	25.0–29.9 (n=8,183)	≥ 30.0 (n=1,407)	
Age (yr)	61.9±11.1	58.5±10.3	58.3±9.5	58.6±9.1	57.0±9.1	<0.001
Systolic blood pressure (mmHg)	124.9±20.8	128.4±19.6	131.3±19.4	134.4±19.2	138.5±19.6	<0.001
Diastolic blood pressure (mmHg)	76.7±13.4	78.2±11.8	79.9±11.6	81.9±11.6	84.7±11.7	<0.001
Total cholesterol (mg/dL)	197.9±41.6	206.5±49.9	212.0±46.8	213.6±44.1	214.9±45.0	<0.001
Fasting glucose (mg/dL)	130.0 (98.0–167.0)	129.0 (96.0–160.0)	127.0 (98.0–154.0)	128.0 (100.0–155.0)	129.0 (103.0–156.0)	0.320
Current smoker	29 (9.8)	231 (4.4)	162 (3.2)	259 (3.2)	41 (2.9)	<0.001
Alcohol drinker	29 (9.8)	636 (12.0)	626 (12.3)	1,066 (13.0)	220 (15.6)	0.002
Low physical activity	226 (76.6)	3,596 (67.7)	3,284 (64.4)	5,628 (68.8)	992 (70.5)	<0.001
Household income						0.017
Upper 30%	98 (33.2)	1,949 (36.7)	1,908 (37.4)	2,965 (36.2)	456 (32.4)	
Mid 40%	106 (35.9)	1,779 (33.5)	1,670 (32.8)	2,809 (34.3)	533 (37.9)	
Lower 30%	91 (30.9)	1,585 (29.8)	1,522 (29.8)	2,409 (29.4)	418 (29.7)	
Use of anti-hypertensive drugs	100 (33.9)	2,132 (40.1)	2,471 (48.5)	4,570 (55.9)	908 (64.5)	<0.001
Use of statin drugs	24 (8.1)	621 (11.7)	808 (15.8)	1,369 (16.7)	250 (17.8)	<0.001
Use of anti-platelet drugs	31 (10.5)	661 (12.4)	765 (15.0)	1,320 (16.1)	255 (18.1)	<0.001
Use of glucose-lowering drugs						
Metformin	56 (19.0)	1,353 (25.5)	1,387 (27.2)	2,239 (27.4)	397 (28.2)	0.002
Sulfonylurea	85 (28.8)	2,056 (38.7)	2,115 (41.5)	3,481 (42.5)	633 (45.0)	<0.001
Insulin	25 (8.5)	392 (7.4)	354 (6.9)	513 (6.3)	75 (5.3)	0.014
Other glucose-lowering drugs	45 (15.3)	871 (16.4)	839 (16.5)	1,270 (15.5)	224 (15.9)	0.572

Values are presented as mean ± standard deviation, median (25th–75th percentile), or number (%).



Supplementary Figure 1. The association of body mass index categories with subtypes of major adverse cardiovascular events in people with diabetes. Adjusted for sex, age, systolic blood pressure, fasting glucose, total cholesterol, drinking status, smoking status, physical exercise, household income, use of anti-hypertensive drugs, use of statin drugs, use of anti-platelet drugs, and use of glucose-lowering drugs (metformin, sulfonylurea, insulin, and other glucose-lowering drugs). PY, person-years; HR, hazard ratio; CI, confidence interval; MI, myocardial infarction.