

Supplemental Table S4. Comparison of Variables According to Grade of Disability

	Disability grade						P value	
	None-disabled	1	2	3	4	5		6
Number	2,943,719	66,011	117,280	181,451	200,474	323,795	408,795	
Male sex	1,765,103 (60.0)	39,869 (60.4)	71,139 (60.7)	113,275 (62.4)	107,656 (53.7)	178,845 (55.2)	261,686 (64.0)	<0.0001
Age, yr	61.4±13.4	54.3±14.8	57.4±14.4	59.3±13.9	65.8±12.4	64.5±12.1	60.8±12.4	<0.0001
≥65	1,270,144 (43.2)	15,598 (23.6)	36,360 (31.0)	64,883 (35.8)	112,306 (56.0)	166,441 (51.4)	161,002 (39.4)	<0.0001
Height, cm	162.6±9.5	60.5±10.5	161.4±9.7	161.8±9.6	159.6±9.8	160.5±9.8	162.8±9.6	<0.0001
Weight, kg	64.4±11.7	61.1±13.2	62.8±12.4	64.4±12.4	63.3±11.3	63.6±11.5	65.6±12.0	<0.0001
BMI, kg/m ²	24.3±3.2	23.7±4.2	24.1±3.9	24.5±3.8	24.8±3.7	24.6±3.4	24.6±3.3	<0.0001
Obesity (≥25)	1,144,549 (38.9)	22,974 (34.8)	43,815 (37.4)	76,903 (42.4)	91,176 (45.5)	141,974 (43.9)	178,956 (43.8)	<0.0001
Underweight (<18.5)	75,386 (2.6)	6,094 (9.2)	6,432 (5.5)	7,351 (4.1)	5,902 (2.9)	8,329 (2.6)	8,605 (2.1)	<0.0001
WC, cm	83.2±9.9	82.8±19.3	83.4±12.4	84.4±11.2	84.9±10.6	84.5±10.4	84.3±9.7	<0.0001
Abdominal obesity ^a	845,827 (28.7)	20,094 (30.4)	37,633 (32.1)	63,947 (35.2)	77,046 (38.4)	115,846 (35.8)	134,129 (32.8)	<0.0001
FBG, mg/dL	104.6±27.0	102.8±31.3	106.0±34.7	106.3±31.5	106.9±30.0	106.5±29.6	106.2±29.4	<0.0001
SBP, mm Hg	126.3±15.0	122.8±16.5	126.4±17.0	125.7±15.5	128.2±15.6	127.5±15.2	126.5±14.8	<0.0001
DBP, mm Hg	77.0±9.8	75.9±10.6	76.9±10.5	77.0±10.1	77.3±9.9	77.2±9.8	77.4±9.8	<0.0001
TC, mg/dL	193.4±41.4	182.9±42.6	182.9±43.0	188.4±42.1	188.5±42.2	189.3±42.0	191.8±42.0	<0.0001
TG, mg/dL	136.9±97.3	132.2±91.3	133.1±90.2	140.5±100.3	139.3±95.6	138.9±96.5	143.1±104.5	<0.0001
LDL-C, mg/dL	112.4±38.3	106.1±36.9	104.8±37.4	108.5±38.4	108.0±38.3	108.4±42.1	110.4±38.9	<0.0001
HDL-C, mg/dL	54.5±17.5	50.8±14.6	51.9±15.6	52.7±28.0	53.3±15.3	53.9±17.1	53.8±15.5	<0.0001
Alcohol, heavy ^b	206,110 (7.0)	1,695 (2.6)	3,935 (3.4)	9,765 (5.4)	11,762 (5.9)	20,288 (6.3)	35,467 (8.7)	<0.0001
Current smoking	549,112 (18.7)	8,063 (12.2)	17,935 (15.3)	35,504 (19.6)	32,060 (16.0)	53,620 (16.6)	90,172 (22.1)	<0.0001
Regular exercise ^c	674,363 (22.9)	9,400 (14.2)	19,204 (16.4)	33,083 (18.2)	36,890 (18.4)	66,569 (20.6)	91,534 (22.4)	<0.0001
Income ^d	489,690 (16.6)	37,744 (57.2)	51,475 (43.9)	68,248 (37.6)	46,555 (23.2)	69,108 (21.3)	86,650 (21.2)	<0.0001
HTN	1,349,282 (45.8)	27,185 (41.2)	60,966 (52.0)	88,293 (48.7)	118,023 (58.9)	182,779 (56.5)	200,569 (49.1)	<0.0001
Dyslipidemia	1,145,577 (38.9)	21,153 (32.0)	45,528 (38.8)	72,057 (39.7)	90,253 (45.0)	147,894 (45.7)	171,498 (42.0)	<0.0001
DM	542,364 (18.4)	13,184 (20.0)	28,766 (24.5)	40,797 (22.5)	50,280 (25.1)	78,311 (24.2)	88,288 (21.6)	<0.0001
Antidiabetic agent ≥2 ^e	293,449 (10.0)	6,829 (10.4)	14,285 (12.2)	22,638 (12.5)	28,325 (14.1)	43,868 (13.6)	50,133 (12.3)	<0.0001
Use of insulin ^e	43,385 (1.5)	2,276 (3.5)	7,333 (6.3)	4,904 (2.7)	6,112 (3.1)	10,944 (3.4)	10,232 (2.5)	<0.0001

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

BMI, body mass index; WC, waist circumference; FBG, fasting blood glucose; SBP, systolic blood pressure; DBP, diastolic blood pressure; TC, total cholesterol; TG, triglyceride; LDL-C, low-density lipoprotein cholesterol; HDL-C, high density lipoprotein cholesterol; HTN, hypertension; DM, diabetes mellitus.

^aMale ≥90, Female ≥85; ^bHeavy alcohol drinkers were defined as a subject who drank more than 30 g of alcohol per day; ^cRegular exercise was defined as either strenuous physical activity that was performed for at least 20 minutes more than three times per week or moderate intensity of activity at least five times per week; ^dLow 20%, medical aid; ^eWithin 1 year before the index date.