

Supplementary Table 1. Baseline characteristics of study population according to comorbidities

Characteristic	CKD		HT		Obesity		DM ≥ 5 years	
	No	Yes	No	Yes	No	Yes	No	Yes
Number	184,316	63,686	88,225	159,777	130,509	117,493	102,810	145,192
Age, yr	56.49±9.96	68.7±8	55.75±10.95	61.76±10.26	60.49±10.77	58.66±10.95	57.35±11.43	61.23±10.2
Male sex	115,652 (62.75)	26,914 (42.26)	53,998 (61.2)	88,568 (55.43)	77,133 (59.1)	65,433 (55.69)	61,006 (59.34)	81,560 (56.17)
BMI, kg/m ²	25.47±3.23	23.54±2.94	24.2±3.05	25.4±3.3	22.58±1.75	27.63±2.39	25.28±3.38	24.75±3.16
SBP, mm Hg	128.36±15.39	129.76±16.7	120.32±10.84	133.36±16.11	127±15.89	130.63±15.37	128.42±15.6	128.93±15.85
DBP, mm Hg	78.83±9.91	77.23±10.34	74.42±7.65	80.62±10.52	77.2±9.99	79.77±9.93	79.15±10.1	77.9±9.98
GLU, mg/dL	144.21±53.45	135.37±53.02	146.93±58.16	139.18±50.49	143.14±56.56	140.6±49.8	136.42±52.36	145.84±53.92
eGFR, mL/min/1.73 m ²	87.5±26.62	47.51±9.66	81.95±28.11	74.62±29.55	69.48±24.62	85.83±31.5	82.03±30.2	73.83±28.07
Total cholesterol, mg/dL	193.43±41.4	192.04±43.09	195.16±41.28	191.92±42.11	191.31±41.79	195.03±41.82	197.56±42.55	189.9±41.05
TG, mg/dL	145.88 (145.5-146.27)	135.92 (135.35-136.49)	136.17 (135.65-136.7)	147.33 (146.92-147.73)	131.88 (131.47-132.29)	157.05 (156.55-157.54)	148.64 (148.12-149.17)	139.56 (139.16-139.97)
HDL-C, mg/dL	52.13±29.45	52.34±30.32	52.63±30.02	51.93±29.49	53.25±30.93	51±28.18	52.52±29.67	51.94±29.69
LDL-C, mg/dL	107.79±37.74	109.26±38.04	111.19±36.97	106.5±38.19	108.01±37.34	108.35±38.35	110.81±38.73	106.3±37.05
Duration of diabetes ≥ 5 years	101,891 (55.28)	43,301 (67.99)	47,475 (53.81)	97,717 (61.16)	80,692 (61.83)	64,500 (54.9)		
Current smoking	46,896 (25.44)	8,177 (12.84)	23,686 (26.85)	31,387 (19.64)	31,090 (23.82)	23,983 (20.41)	25,530 (24.83)	29,543 (20.35)
Alcohol intake								
Non-drinker	105,444 (57.21)	50,167 (78.77)	53,736 (60.91)	101,875 (63.76)	82,213 (62.99)	73,398 (62.47)	60,918 (59.25)	94,693 (65.22)
Mild drinker ^a	60,600 (32.88)	11,226 (17.63)	27,407 (31.06)	44,419 (27.8)	37,949 (29.08)	33,877 (28.83)	32,102 (31.22)	39,724 (27.36)
Heavy drinker	18,272 (9.91)	2,293 (3.6)	7,082 (8.03)	13,483 (8.44)	10,347 (7.93)	10,218 (8.7)	9,790 (9.52)	10,775 (7.42)
Regular physical activity	44,823 (24.32)	12,968 (20.36)	20,999 (23.8)	36,792 (23.03)	31,486 (24.13)	26,305 (22.39)	22,478 (21.86)	35,313 (24.32)
Statin use	65,410 (35.49)	23,726 (37.25)	25,055 (28.4)	64,081 (40.11)	42,164 (32.31)	46,972 (39.98)	36,224 (35.23)	52,912 (36.44)

Values are presented as mean ± standard deviation, number (%), or median (interquartile range). Risk factors: age (male ≥ 45 years, female ≥ 55 years), family history of cardiovascular disease, HT (systolic blood pressure ≥ 140 mm Hg or diastolic blood pressure ≥ 90 mm Hg or taking antihypertensive drugs), current smoking, low high-density lipoprotein cholesterol (< 40 mg/dL). CKD, chronic kidney disease; HT, hypertension; DM, diabetes mellitus; BMI, body mass index; SBP, systolic blood pressure; DBP, diastolic blood pressure; GLU, glucose; eGFR, estimated glomerular filtration rate; TG, triglyceride; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol.

^aMild drinkers; daily alcohol intake < 30 g/day; heavy drinkers; daily alcohol intake ≥ 30 g/day.