

Supplementary Table 3. Baseline characteristics of participants stratified by eGFR calculated using CKD-EPI equations

Variable	60 ≤ eGFR < 90 (n = 45,404)	eGFR ≥ 90 (n = 43,095)	30 ≤ eGFR < 60 (n = 3,619)	eGFR < 30 (n = 601)	p value
Sex					< 0.001
Male	23,984 (52.8)	21,166 (49.1)	1,841 (50.9)	306 (50.9)	
Female	21,420 (47.2)	21,929 (50.9)	1,778 (49.1)	295 (49.1)	
Income level					0.110
1st quartile	8,280 (18.2)	7,771 (18.0)	660 (18.2)	112 (18.6)	
2nd quartile	9,556 (21.0)	9,189 (21.3)	826 (22.8)	119 (19.8)	
3rd quartile	13,892 (30.6)	13,439 (31.2)	1,098 (30.3)	192 (31.9)	
4th quartile	13,676 (30.1)	12,696 (29.5)	1,035 (28.6)	178 (29.6)	
Hypertension	28,903 (63.7)	25,438 (59.0)	2,875 (79.4)	473 (78.7)	< 0.001
Diabetes	9,845 (21.7)	8,732 (20.3)	1,321 (36.5)	227 (37.8)	< 0.001
Dyslipidemia	25,494 (56.1)	22,784 (52.9)	2,480 (68.5)	393 (65.4)	< 0.001
Ischemic heart disease	11,806 (26.0)	9,827 (22.8)	1,282 (35.4)	252 (41.9)	< 0.001
Cerebrovascular disease	4,036 (8.9)	3,424 (7.9)	543 (15.0)	86 (14.3)	< 0.001
Chronic obstructive pulmonary disease	19,628 (43.2)	18,916 (43.9)	1,658 (45.8)	275 (45.8)	0.007
Depression	8,976 (19.8)	8,475 (19.7)	806 (22.3)	131 (21.8)	0.001
Charlson Comorbidity Index					< 0.001
0	13,575 (29.9)	13,088 (30.4)	684 (18.9)	103 (17.1)	
1	12,543 (27.6)	12,139 (28.2)	848 (23.4)	121 (20.1)	
2	8,584 (18.9)	8,082 (18.8)	683 (18.9)	100 (16.6)	
≥ 3	10,702 (23.6)	9,786 (22.7)	1,404 (38.8)	277 (46.1)	
Body mass index (kg/m ²)	24.4 ± 2.9	24.0 ± 3.0	24.9 ± 3.1	24.3 ± 3.4	< 0.001
Waist (cm)	83.4 ± 8.1	82.5 ± 8.1	85.0 ± 8.6	84.1 ± 8.7	< 0.001
Systolic blood pressure (mmHg)	127.4 ± 14.6	127.3 ± 14.7	128.0 ± 15.5	130.8 ± 17.8	< 0.001
Diastolic blood pressure (mmHg)	77.5 ± 9.5	77.1 ± 9.5	77.3 ± 9.9	76.7 ± 10.2	< 0.001
Fasting blood glucose (mg/dL)	104.4 ± 25.3	102.9 ± 23.9	111.1 ± 36.3	108.8 ± 37.8	< 0.001
Total cholesterol (mg/dL)	195.2 ± 38.7	193.5 ± 39.0	191.0 ± 43.5	185.6 ± 40.6	< 0.001
Triglyceride (mg/dL)	133.7 ± 78.9	127.0 ± 77.0	149.9 ± 85.9	150.8 ± 112.4	< 0.001
HDL cholesterol (mg/dL)	53.3 ± 16.0	55.0 ± 19.2	51.3 ± 17.2	63.8 ± 86.1	< 0.001
Aspartate aminotransferase (U/L)	27.1 ± 14.4	27.0 ± 16.6	27.8 ± 19.2	25.8 ± 15.7	0.007
Alanine aminotransferase (U/L)	24.6 ± 16.5	24.4 ± 17.0	24.9 ± 18.0	23.3 ± 18.7	0.013
r-Glutamyl transpeptidase (U/L)	35.0 ± 47.7	35.0 ± 52.9	37.1 ± 48.6	37.1 ± 51.6	0.071
Hemoglobin (g/dL)	13.9 ± 1.4	13.8 ± 1.4	13.4 ± 1.6	12.8 ± 2.0	< 0.001
eGFR (mL/min/1.73 m ²)	75.3 ± 7.3	97.6 ± 5.0	51.1 ± 5.9	10.2 ± 8.1	< 0.001
Proteinuria	1,364 (3.0)	918 (2.1)	355 (9.8)	163 (27.1)	< 0.001
Smoking					< 0.001
Non-smoker	30,503 (67.2)	29,785 (69.1)	2,456 (67.9)	415 (69.1)	
Ex-smoker	10,058 (22.2)	8,507 (19.7)	793 (21.9)	133 (22.1)	
Smoker	4,843 (10.7)	4,803 (11.1)	370 (10.2)	53 (8.8)	
Alcohol drinking	14,084 (31.0)	13,545 (31.4)	936 (25.9)	143 (23.8)	< 0.001

Supplementary Table 3. Continued

Variable	60 ≤ eGFR < 90 (n = 45,404)	eGFR ≥ 90 (n = 43,095)	30 ≤ eGFR < 60 (n = 3,619)	eGFR < 30 (n = 601)	p value
Regular exercise					0.001
No	30,760 (67.7)	29,757 (69.0)	2,533 (70.0)	429 (71.4)	
1–2/wk	6,992 (15.4)	6,358 (14.8)	523 (14.5)	84 (14.0)	
3–4/wk	4,262 (9.4)	3,976 (9.2)	318 (8.8)	53 (8.8)	
≥ 5/wk	3,390 (7.5)	3,004 (7.0)	245 (6.8)	35 (5.8)	
Timed up-and-go test (s)	8.0 ± 2.4	8.1 ± 2.4	8.2 ± 2.5	8.4 ± 2.6	< 0.001
Abnormal lower extremity function	3,681 (8.1)	3,753 (8.7)	353 (9.8)	75 (12.5)	< 0.001
Single-leg stance test (s)	18.8 ± 9.0	18.5 ± 9.3	17.7 ± 9.1	17.1 ± 9.7	< 0.001
Abnormal balance function	3,975 (8.8)	4,175 (9.7)	381 (10.5)	85 (14.1)	< 0.001

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

eGFR, estimated glomerular filtration rate; CKD-EPI, chronic kidney disease Epidemiology Collaboration; HDL, high density lipoprotein.