

**Supplementary Table 1.** Baseline characteristics of study subjects according to their duration of living alone

Characteristic	Total	Not living alone	Living alone <5 years	Living alone ≥5 years
Number	2,432,613	1,645,907	531,570	255,136
Age, yr	59.7±12.0	61.2±11.7	56.3±12.1	57.1±11.9
Male sex	1,477,117 (60.7)	984,821 (59.8)	335,960 (63.2)	156,336 (61.3)
Smoking				
Non	1,332,065 (54.7)	927,928 (56.4)	273,653 (51.5)	130,484 (51.1)
Ex	551,677 (22.7)	384,655 (23.4)	117,764 (22.2)	49,258 (19.3)
Current	548,871 (22.6)	333,324 (20.3)	140,153 (26.4)	75,394 (29.6)
Drinking				
Non	1,399,724 (57.5)	977,522 (59.4)	280,693 (52.8)	141,509 (55.5)
Mild	810,413 (33.3)	523,867 (31.8)	198,788 (37.4)	87,758 (34.4)
Heavy	222,476 (9.2)	144,518 (8.8)	52,089 (9.8)	25,869 (10.1)
Regular exercise	529,781 (21.8)	366,254 (22.3)	112,872 (21.2)	50,655 (19.9)
Low income	514,787 (21.2)	223,300 (13.6)	177,581 (33.4)	113,906 (44.7)
Hypertension	1,412,106 (58.1)	983,737 (59.8)	285,855 (53.8)	142,514 (55.9)
Dyslipidemia	1,391,280 (57.2)	958,585 (58.2)	290,602 (54.7)	142,093 (55.7)
CKD	194,858 (8.0)	147,378 (9.0)	29,994 (5.6)	17,486 (6.9)
Height, cm	162.8±9.4	162.5±9.4	163.8±9.1	163.1±9.2
Weight, kg	67.5±12.6	67.0±12.3	68.6±13.1	67.8±13.1
BMI, kg/m <sup>2</sup>	25.3±3.5	25.3±3.5	25.5±3.7	25.4±3.8
Waist circumference, cm	86.2±9.0	86.2±8.8	86.2±9.2	86.1±9.5
Systolic BP, mm Hg	128.5±15.0	128.8±15.0	127.9±14.9	128.1±15.3
Diastolic BP, mm Hg	78.1±9.9	78.0±9.9	78.3±10.0	78.5±10.2
Fasting glucose, mg/dL	144.5±45.6	143.0±44.0	147.3±47.9	147.9±49.8
Total cholesterol, mg/dL	185.1±43.6	183.8±43.3	187.6±44.0	188.3±44.8
HDL-cholesterol, mg/dL	50.9±14.7	50.8±14.5	51.4±15.1	51.2±15.4
LDL-cholesterol, mg/dL	103.0±38.4	102.3±38.1	104.6±38.7	104.5±39.2
Triglyceride, mg/dL	134 (93–197)	133 (93–194)	136 (93–203)	140 (96–208)
eGFR, mL/min/1.73 m <sup>2</sup>	88.2±19.1	86.9±19.0	91.1±18.8	90.1±19.3
Insulin treatment	237,716 (9.8)	164,083 (10.0)	48,317 (9.1)	25,316 (9.9)
Oral antidiabetic medication ≥3	656,275 (27.0)	449,709 (27.3)	139,404 (26.2)	67,162 (26.3)
Duration of diabetes, yr	5.3±5.1	5.6±5.2	4.8±5.0	4.7±4.9

Values are presented as mean±standard deviation, number (%), or median (interquartile range). *P* values for the trend were <0.01 for all variables.

CKD, chronic kidney disease; BMI, body mass index; BP, blood pressure; HDL, high-density lipoprotein; LDL, low-density lipoprotein; eGFR, estimated glomerular filtration rate.