

Supplementary Table SII. The clinical characteristics of participants based on vitamin B₆ tertiles

Variables	All	Tertile 1	Tertile 2	Tertile 3	P-value
Participants	13310	4419	4453	4438	
Vitamin B ₆ [nmol/l]	69.2±84.3	20.6±6.39	44.3±8.78	142±113	< 0.001
Stroke (%)	484(3.6)	240(5.5)	124(2.8)	120(2.7)	< 0.001
Age [year]	49.2 ±18.0	50.7±17.7	47.0 ±17.7	50.0 ±18.3	< 0.001
Gender (%)					< 0.001
Males	6493(48.8)	1768(40.0)	2328 (52.3)	2397(54.0)	
Female	6817 (51.2)	2651 (60.0)	2125 (47.7)	2041 (46.0)	
Race (%)					< 0.001
Mexican American	2387(17.9)	752(17.0)	948 (21.3)	687 (15.5)	
Non-Hispanic White	6745 (50.7)	2122 (48.0)	2066 (46.4)	2557(57.6)	
Non-Hispanic Black	2540(19.1)	1067 (24.1)	823(18.5)	650(14.6)	
Other	1638 (12.3)	478 (10.8)	616 (13.8)	544(12.3)	
Married/live with partner (%)	8190 (61.5)	2509 (56.8)	2794 (62.7)	2887 (65.1)	< 0.001
BMI [kg/m ²]	29.0±6.7	30.4±7.8	28.9±6.3	27.6±5.4	< 0.001
Current smoking (%)	2931 (22.0)	1383 (31.3)	926 (20.8%)	622 (14.0)	< 0.001
Education level, (%)					< 0.001
Below high school, (%)	3712 (27.9)	1499 (33.9)	1298 (29.1)	915 (20.6)	
High school or above	9598 (72.1)	2920 (66.1)	3155 (70.9)	3523 (79.4)	
Poverty income ratio ^a , (%)					< 0.001
< 5	10671(80.2)	3289(74.4)	3561(80.0)	3821(86.1)	
≥ 5	2639(19.8)	1130(25.6)	892(20.0)	617(13.9)	
Physical activity (%)					< 0.001
Mild	6572 (49.4)	2648 (59.9)	2203 (49.6)	1721 (38.7)	
Moderate	3679 (27.6)	1151 (26.1)	1203 (27.0)	1325 (29.9)	

Vigorous	3059 (23.0)	620 (14.0)	1047 (23.4)	1392 (31.4)	
SBP [mm Hg]	123 ±18.7	125 ±20.0	123 ±18.1	123 ±17.9	< 0.001
DBP [mm Hg]	69.4 ±13.3	69.2 ±14.2	69.9 ±13.0	69.2 ±12.6	0.018
Fasting glucose [mg/dl]	107 ±34.2	110 ±37.7	107 ±34.8	105 ±28.9	< 0.001
Creatinine [µmol/l]	80.1 ±35.1	79.5 ±36.9	78.7 ±27.2	82.1 ±39.8	< 0.001
TG [mg/dl]	157 ±124	154 ±120	160 ±133	156 ±120	0.054
TC [mg/dl]	197 ±42.1	196 ±42.6	197 ±42.7	199 ±40.9	0.001
HDL [mg/dl]	53.2 ±16.4	51.6 ±15.8	52.7 ±16.5	55.4 ±16.6	< 0.001
LDL [mg/dl]	115 ±35.9	116 ±36.2	115 ±36.4	115 ±34.8	0.917
Self-reported DM (%)	1461 (11.0)	613 (13.9)	469 (10.5)	379 (8.5)	< 0.001
Self-reported HP (%)	4493 (33.8)	1690 (38.2)	1399 (31.4)	1404 (31.6)	< 0.001
Self-reported HL (%)	4076(30.6)	1301 (29.4)	1319 (29.6)	1456 (32.8)	< 0.001
Antihydiabetes treatment (%)	1171(8.8)	483(10.9)	373(8.4)	315(7.1)	< 0.001
Antihypertensive treatment (%)	3464(26.0)	1321 (29.9)	1045 (23.5)	1098 (24.7)	< 0.001
Lipoprotein-lowering treatment (%)	2732 (20.5)	930 (21.0)	852 (19.1)	950 (21.4)	< 0.001

BMI – body mass index, DBP – diastolic blood pressure, DM – diabetes mellitus, HDL – high-density lipoprotein, HL – hyperlipidaemia, HP – hypertension, LDL – low density lipoprotein, SBP – systolic blood pressure, TC – total cholesterol, TG – Total triglycerides; ^aPoverty income ratio for not poor was defined as ≥ 5 , and for poor was defined as < 5 .