

Table S1 Baseline characteristics of the study population in women and men

Variables	Female (n=8029)				P value	Males (n=5980)				P value
	MPV(fL)					MPV(fL)				
	Q1	Q2	Q3	Q4		Q1	Q2	Q3	Q4	
Participants	<7.50	7.50-8.50	8.50-9.80	≥9.80		<7.40	7.40-8.33	8.33-9.52	≥9.52	
	2037	1980	2036	1976		1501	1498	1493	1488	
Age, years	59.57(7.10)	59.80(7.61)	60.12(7.77)	59.75(7.81)	0.376	65.71(6.70)	65.76(6.87)	65.21(6.74)	65.26(6.78)	0.04
Education, %					0.593					0.18
Primary or below	27.5	27.4	26.1	28.9		30.0	29.9	28.0	31.9	
Junior high school	37.6	38.1	39.0	36.4		35.8	34.4	34.8	35.2	
High school	28.6	27.9	28.0	27.6		22	21.8	23.0	18.9	
College or above	6.2	6.6	7.0	7.1		12.2	13.9	14.2	14.1	
Body mass index, kg/m²	24.37(3.62)	24.11(3.39)	24.00(3.31)	23.97(3.31)	0.008	24.11(3.28)	24.07(3.29)	24.10(3.07)	24.14(3.07)	0.976
Smoking (yes, %)	2.4	2.0	2.5	2.0	0.645	41.6	43.8	41.2	40.0	0.211
Drinking (yes, %)	7.5	6.6	6.7	7.2	0.584	44.0	43.8	44.7	43.5	0.925
Physical activity (yes, %)	87.9	87.2	88.5	88.8	0.411	88.6	87.7	90.5	91.8	0.001
Family history of diabetes (yes, %)	6.0	5.9	5.6	4.4	0.056	1.8	1.8	1.7	1.5	0.934
Hypertension (yes, %)	24.5	22.9	22.6	23.2	0.791	28.5	24.6	27.6	26.2	0.093
Hyperlipidemia (yes, %)	12.3	13.3	13.6	13.2	0.890	13.5	15.0	15.5	13.0	0.217
Incident diabetes (yes, %)	7.2	7.1	7.5	6.9	0.147	6.0	6.7	7.9	7.5	0.365
Menopause (yes, %)	10.5	12.5	10.6	12.3	0.085	-	-	-	-	-
Systolic blood pressure (mmHg)	126.27(18.26)	125.58(18.58)	124.55(18.11)	126.36(18.87)	0.006	130.34(18.62)	129.24(17.96)	129.67(18.23)	128.70(18.24)	0.093
Diastolic blood pressure (mmHg)	78.29(10.44)	76.74(10.79)	75.88(10.44)	77.01(10.68)	<0.001	79.36(11.27)	77.89(10.66)	77.77(11.14)	77.25(11.08)	<0.001

Total cholesterol (mmol/L)	5.32(0.89)	5.34(0.96)	5.33(0.98)	5.25(0.92)	0.042	4.99(0.86)	4.98(0.86)	4.96(0.89)	4.89(0.88)	0.007
Triglycerides (mmol/L)	1.38(0.79)	1.37(1.05)	1.37(0.99)	1.41(0.92)	0.534	1.32(0.93)	1.28(0.80)	1.31(0.89)	1.29(0.79)	0.693
HDL-cholesterol (mmol/L)	1.45(0.39)	1.45(0.37)	1.54(0.40)	1.58(0.46)	<0.001	1.42(0.38)	1.34(0.35)	1.39(0.40)	1.46(0.43)	<0.001
LDL-cholesterol (mmol/L)	3.11(0.78)	3.17(0.81)	3.06(0.77)	2.96(0.77)	<0.001	2.93(0.80)	3.01(0.76)	2.95(1.07)	2.84(0.76)	<0.001
Fasting blood glucose (mmol/L)	5.48(0.54)	5.49(0.52)	5.49(0.57)	5.43(0.61)	0.064	5.58(0.55)	5.62(0.56)	5.59(0.59)	5.47(0.66)	<0.001
Mean platelet volume, fL	6.81(0.56)	8.03(0.29)	9.11(0.37)	11.28(1.46)	<0.001	6.75(0.53)	7.88(0.26)	8.89(0.35)	11.02(1.52)	<0.001
Platelet counts, 10E9/L	209.59(55.52)	203.86(53.10)	197.43(54.16)	176.87(50.30)	<0.001	189.63(56.02)	189.29(51.45)	180.85(51.17)	164.45(51.25)	<0.001
White blood cell count, 10E9/L	5.43(1.49)	5.57(1.39)	5.80(1.48)	5.82(1.62)	0.001	5.99(2.30)	6.21(1.64)	6.27(1.55)	6.32(1.58)	<0.001

Continuous variables were presented as mean (SD). Dichotomous variables were presented as n (%).