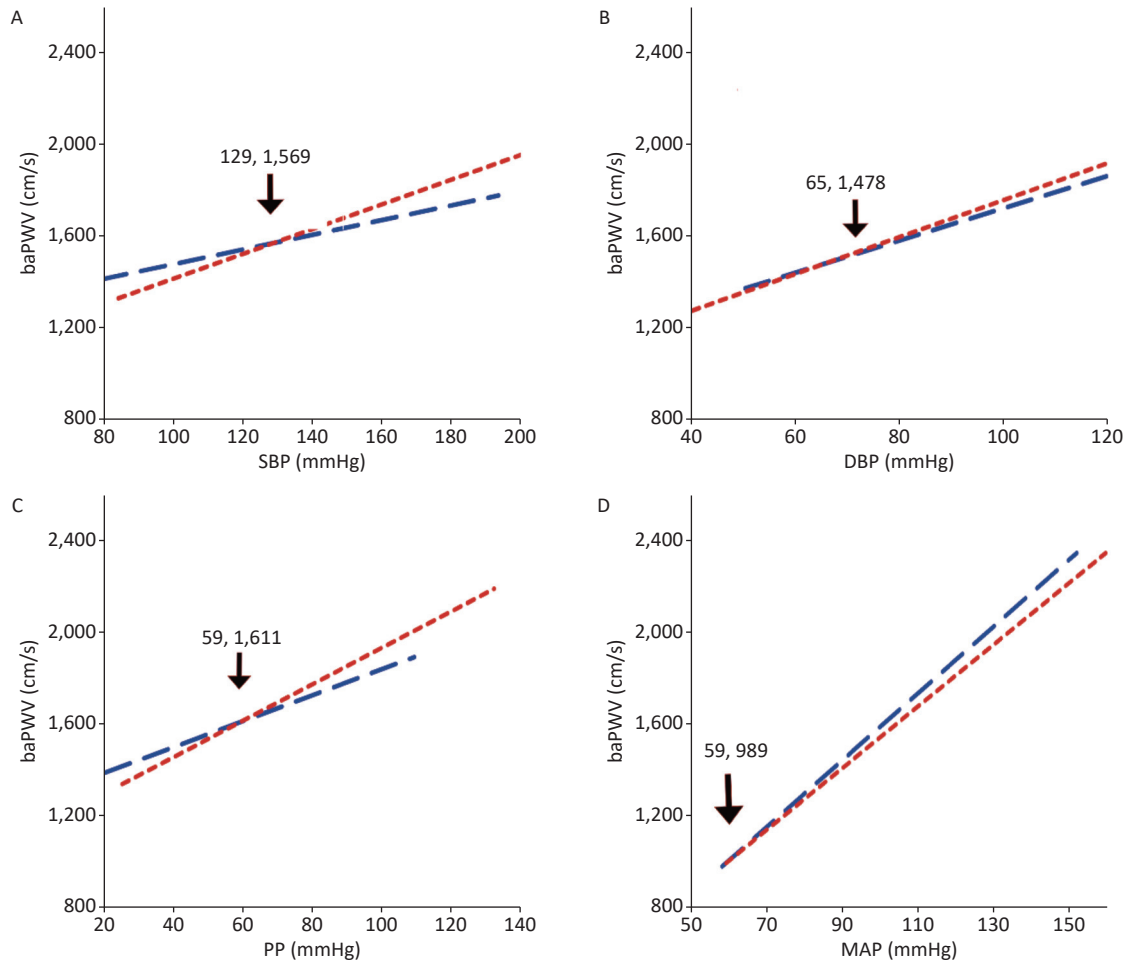


Supplementary Table S1. Baseline characteristics of eligible study participants

Characteristics	Non-AS (N = 1,593)	AS (N = 398)	Statistics	P value
Male, n (%)	584 (36.66)	139 (34.92)	0.415	0.520
High school or above, n (%)	165 (10.47)	28 (7.22)	3.716	0.054
Smoking, n (%)			7.143	0.028
Never	1,139 (72.32)	286 (73.71)		
Ever	160 (10.16)	52 (13.40)		
Currently	276 (17.52)	50 (12.89)		
Alcohol drinking, n (%)	195 (12.42)	24 (6.19)	12.168	0.001
Physical activity (MET min/week)	8361.75 (4,863–1,3440)	5047.5 (2624.12–7862.17)	127.941	< 0.001
Hypertension (%)	654 (41.05)	322 (80.90)	202.251	< 0.001
Age (years)	58.06 (51.31–66.35)	69.78 (64.4–75.01)	312.297	< 0.001
FPG (mmol/L)	5.39 (5.09–5.98)	5.61 (5.15–6.39)	16.268	< 0.001
BMI (kg/m ²)	25.36 (22.80–27.89)	24.81 (22.60–27.18)	7.529	0.006
SBP (mmHg)	121.33 (111.33–133.00)	141.00 (128.67–151.33)	291.235	< 0.001
DBP (mmHg)	73.33 (67.00–80.67)	78.33 (70.33–85.00)	53.100	< 0.001
PP (mmHg)	46.33 (40.67–54.67)	60.33 (52.00–71.33)	306.255	< 0.001
MAP (mmHg)	94.98 (87.55–104.18)	111.09 (103.80–120.05)	381.282	< 0.001
TC (mmol/L)	4.37 (3.81–4.96)	4.35 (3.77–5.07)	0.144	0.704
TG (mmol/L)	1.46 (1.07–2.13)	1.52 (1.11–2.28)	3.762	0.052
HDL-C (mmol/L)	1.32 (1.11–1.56)	1.32 (1.12–1.53)	0.001	0.970
LDL-C (mmol/L)	2.42 (1.99–2.85)	2.40 (1.95–2.99)	0.081	0.777
baPWV (cm/s)	1,436 (1,286–1,586)	1979.5 (1,887–2,111)	954.843	< 0.001
ABI	1.10 (1.05–1.14)	1.12 (1.07–1.17)	27.346	< 0.001

Note. AS, Arterial sclerosis; SBP, systolic blood pressure; DBP, diastolic blood pressure; PP, pulse pressure; MAP, mean arterial pressure; FPG, fasting plasma glucose; TC, total cholesterol; TG, triglycerides; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol; baPWV, brachial-ankle pulse wave velocity; ABI, ankle-brachial index.



Supplementary Figure S1. Linear interaction between sex and blood pressures at baPWV levels. SBP, systolic blood pressure; DBP, diastolic blood pressure; PP, pulse pressure; MAP, mean arterial pressure; baPWV, brachial-ankle pulse wave velocity. The dashed blue line represents the male and the dashed red line represents the female.