

Variable	Univariate logistic regression			Multivariate logistic regression		
	OR	95% CI	P value	OR	95% CI	P value
Male						
Age	1.114	(1.086, 1.044)	<0.01			
SBP	1.041	(1.03, 1.05)	<0.01			
Current smoking	1.191	(0.75, 1.88)	0.454	1.077	(0.60, 1.94)	0.805
Diabetes duration	1.099	(1.06, 1.14)	<0.01	1.070	(1.03, 1.12)	<0.01
Hypertension	2.308	(1.50, 3.55)	<0.01	2.231	(1.25, 3.98)	<0.01
Antihypertensive therapy	3.614	(2.37, 5.52)	<0.01	2.215	(1.24, 3.95)	<0.01
Fatty liver	0.572	(0.38, 0.86)	<0.01			
Ferritin	0.998	(0.998, 0.999)	<0.01			
Creatinine	1.016	(1.00, 1.03)	<0.05			
Ca	0.125	(0.02, 0.78)	<0.05			
TG	0.833	(0.74, 0.94)	<0.01	0.771	(0.64, 0.92)	<0.01
leukocyte counts	1.093	(0.96, 1.24)	0.180	1.213	(1.02, 1.44)	<0.05
DR	1.771	(1.16, 2.69)	<0.01			
CKD	4.784	(1.09, 20.91)	<0.05			
eGFR	0.976	(0.97, 0.98)	<0.01	0.975	(0.97, 0.99)	<0.01
osteocalcin	0.947	(0.91, 0.98)	<0.01	0.958	(0.92, 1.00)	<0.05
CVAI	1.003	(1.00, 1.008)	0.342	1.011	(1.003, 1.02)	<0.01
Female						
Age	1.105	(1.06, 1.15)	<0.01			
Menopause status	8.205	(2.65, 25.38)	<0.01	7.252	(1.31, 40.12)	<0.05
WC	1.045	(1.01, 1.09)	<0.05			
SBP	1.041	(1.02, 1.06)	<0.01			
Antihypertensive therapy	2.896	(1.49, 5.64)	<0.01			
Diabetes duration	1.141	(1.07, 1.22)	<0.01			
Hypertension	2.538	(1.30, 4.95)	<0.01	3.274	(1.40, 7.65)	<0.01
HOME-IR	1.266	(1.04, 1.54)	<0.05			
HOMA-β	1.005	(0.99, 1.01)	0.322	0.995	(0.98, 1.01)	0.434
FINS	1.094	(1.01, 1.19)	<0.05			
Creatinine	1.046	(1.01, 1.08)	<0.01	1.018	(0.99, 1.05)	0.258
VFA	1.009	(1.001, 1.02)	<0.05			
eGFR	0.983	(0.97, 1.00)	<0.01	0.985	(0.97, 1.00)	<0.05
osteocalcin	0.985	(0.94, 1.03)	0.507	0.925	(0.86, 0.99)	<0.05
CVAI	1.026	(1.01, 1.04)	<0.01	1.017	(1.00, 1.03)	<0.05

Table6: Logistic regression analysis correlation between general characteristics with arterial stiffness. SBP: Systolic blood pressure; Triglycerides; DR: Diabetic retinopathy; CKD: Chronic kidney disease; CVAI: Chinese visceral adiposity index; WC: Waist HOME-IR: Insulin resistance index; HOMA-β: Insulin secretion index; FINS: Fasting insulin; VFA: Visceral fat area.