

Variable	Male				Female			
	Beta ¹	P value	Beta ²	P value	Beta ¹	P value	Beta ²	P value
Age					1.781	0.000	1.719	0.000
Menopause					26.052	0.000		
WC	4.188	0.000			1.840	0.000		
WHR	692.011	0.000	715.361	0.000	307.141	0.000	106.753	<0.05
SBP	0.247	<0.01	0.075	0.000	0.265	<0.01		
DBP	0.529	0.000	-0.092	<0.01				
BMI	8.837	0.000	-0.560	<0.01				
Antihypertensive therapy	13.210	0.000			12.250	<0.01		
Hypertension	9.048	<0.05			10.564	<0.05		
Statin use					10.091	<0.05		
Diabetes					0.988	0.000		
HbA1c					1.841	<0.05		
FCP	18.843	0.000	-1.852	<0.01	12.817	0.000		
CP-2	4.244	0.000						
FINS	1.055	0.000			0.387	<0.05		
2-FIN	0.385	0.000			0.402	0.000		
2hPG	-0.768	<0.05						
HOME-IR	1.261	<0.05			2.699	0.000		
HOMA-β	0.157	0.000			0.116	<0.05		
TG	4.574	0.000			8.074	0.000		
HDL	-61.704	0.000	-16.256	0.000	-36.993	0.000	-18.274	<0.05
SFA	0.461	0.000			0.140	0.000		
VFA	0.382	0.000	0.017	<0.05	0.293	0.000		
TyG index	13.656	0.000	6.724	0.000	16.441	0.000		
Ferritin					0.019	<0.05		
leukocyte counts					3.090	<0.05		
Fatty liver	26.779	0.000			12.199	<0.01		
Creatinine					0.136	<0.05		
Uric acid	0.059	<0.01	-0.010	<0.01	0.049	<0.05		
DR					11.453	<0.01		
eGFR	0.367	0.000	-0.101	0.000				
Osteocalcin	-0.442	<0.05						

Table 4: Association between general characteristics and CVAI. WC: Waist circumference; WHR: Weight/Height; SBP: Systolic blood pressure; DBP: Diastolic blood pressure; BMI: Body mass index; FCP: Fasting c-peptide; FINS: Fasting insulin; HOME-IR: Insulin resistance index; HOMA-β: Insulin secretion index; TG: Triglycerides; HDL: High-density lipoprotein; SFA: Subcutaneous fat area; VFA: Visceral fat area; TyG index: The triglyceride-glucose Index. DR: Diabetic retinopathy. ¹ indicates: Simple linear regression; ² indicates: Multiple linear regression, all variables that were statistically significant in the univariate linear regression analysis were included.