

Variable	Male				Female			
	Beta ¹	P value	Beta ²	P value	Beta ¹	P value	Beta ²	P value
Age	-0.089	<0.05						
Menopause status					3.117	0.091		
SBP	-0.035	<0.05						
Diabetes duration	-0.131	<0.05	-0.137	<0.05				
Antihypertension	-1.663	<0.05						
Histroy of ASCVD	3.189	<0.01	6.465	<0.05				
HbA1c					-0.800	<0.01		
FBG	-0.249	<0.05	-0.352	<0.05	-0.466	0.000		
FINS	0.316	0.000			0.205	0.000		
2h PG					-0.206	0.010		
HOME-IR	0.471	0.000	0.615	0.000				
HOMA-β	0.031	<0.01						
HDL					3.845	<0.05		
TyG index					-2.411	0.000		
leukocyte counts					-0.591	<0.1	-0.693	<0.05
Creatinine	0.053	0.000	0.060	0.000	0.107	0.000	0.112	<0.01
CKD	5.162	<0.01						
VFA					-0.020	0.062		
eGFR					-0.029	0.095		
ba PWV	-0.002	<0.01						

Table3: Association between general characteristics and osteocalcin. SBP: Systolic blood pressure; ASCVD: atherosclerotic cardiovascular Disease; FBG: Fasting blood glucose; FINS: Fasting insulin; HOME-IR: Insulin resistance index; HOMA-β: Insulin secretion index; HDL: High-density lipoprotein cholesterol; TyG index: The triglyceride-glucose index; CKD: Chronic kidney disease; VFA: Visceral fat area; baPWV: brachial-ankle pulse wave velocity. ¹ indicates: Simple linear regression; ² indicates: Multiple linear regression, all variables that were statistically significant in the simple linear regression analysis were included.