

Table 3. Multiple regression analysis with ANGPTL2 as the dependent variable

Inflammatory Model			
Model 1	β	P	(R ² : 0.1273)
eGFR (ml/min/1.73 m ²)	-0.2444	0.0237*	
hsCRP (mg/L)	0.2643	0.0359*	
Model 2			
	β	P	(R ² : 0.2378)
eGFR (ml/min/1.73 m ²)	-0.1613	0.1564	
hsCRP (mg/L)	0.0099	0.9400	
Fibrinogen (mg/dL)	0.4186	0.0029*	
Model 3			
	β	P	(R ² : 0.2895)
eGFR (ml/min/1.73 m ²)	-0.2068	0.0681	
hsCRP (mg/L)	0.0095	0.9414	
Fibrinogen (mg/dL)	0.3648	0.0083*	
LAB (ng cs/mL)	0.2389	0.0333*	
Model 4			
	β	P	(R ² : 0.3157)
eGFR (ml/min/1.73 m ²)	-0.2397	0.0365*	
hsCRP (mg/L)	0.0012	0.9922	
Fibrinogen (mg/dL)	0.3434	0.0122*	
LAB (ng cs/mL)	0.2325	0.0363*	
HbA1c (%)	0.1655	0.1224	
Metabolic Model			
Model 1	β	P	(R ² : 0.1117)
eGFR (ml/min/1.73 m ²)	-0.2132	0.0727	
HbA1c (%)	0.2968	0.0134*	

Model 2	β	P	(R ² : 0.1177)
eGFR (ml/min/1.73 m ²)	-0.3023	0.0125*	
HbA1c (%)	0.2114	0.0764	
BMI (kg/m ²)	0.0777	0.5050	
Model 3	β	P	(R ² : 0.0778)
eGFR (ml/min/1.73 m ²)	-0.2567	0.0433*	
HbA1c (%)	0.1339	0.2878	
BMI (kg/m ²)	0.0462	0.7186	
TG (mg/dL)	0.0483	0.7111	
Model 4	β	P	(R ² : 0.0812)
eGFR (ml/min/1.73 m ²)	-0.2659	0.0399*	
HbA1c (%)	0.1210	0.3499	
BMI (kg/m ²)	0.0400	0.7578	
TG (mg/dL)	0.0339	0.8011	
LDL-C (mg/dL)	0.0638	0.6303	

ANGPTL2 and fibrinogen followed the normal distribution confirmed by a χ^2 goodness of fit test and/or Kolmogorov-Smirnov test. All variables except for ANGPTL2, BMI, LDL-C and fibrinogen were log₁₀-transformed because of the skewed distribution. After log₁₀-transforming, these variables followed the normal distribution confirmed.

β : standard partial regression coefficient, P: P value, P < 0.05 is defined as statistical significance (*).

Abbreviations: eGFR: estimated glomerular filtration rate, hsCRP: high-sensitivity C reactive protein, LAB: lectin-like oxidized low density lipoprotein receptor 1 ligands

containing apolipoprotein B, HbA1c: hemoglobin A1c, BMI: body mass index, TG: triglyceride, LDL-C: low-density lipoprotein cholesterol