

Table 5. Multiple regression analysis of HDL-cholesterol

Parameter	Univariate			Multivariate		
	β	SE	P value	β	SE	95% CI
Age (years)	0.001	0.002	0.558			
Sex (male=1 / female=2)	0.110	0.034	0.001	0.070	0.034	0.003 to 0.138
BMI (kg/m ²)	-0.017	0.005	0.002			
Family history of DM (yes=1 / no=0)	-0.121	0.033	<0.001	-0.107	0.032	-0.170 to -0.045
AUC insulin (nmol/l min ⁻¹)	-0.008	0.008	0.329			
AUC glucose (mmol/l min ⁻¹)	-0.205	0.179	0.254			
Waist to hip ratio x 100	-0.009	0.002	<0.001	-0.006	0.003	-0.011 to -0.001
Triglycerides (mmol/l)	-0.102	0.027	<0.001	-0.069	0.027	-0.122 to -0.015

β : regression coefficient; SE: standard Error; CI: confidence interval; DM: diabetes mellitus; AUC: area under the curve; BMI: body mass index.