

Table S1. Spearman correlation coefficients of HDL cholesterol loading capacity (CLC) and HDL cholesterol efflux capacity (CEC) with anthropometric and biochemical variables in the whole population.

	Cholesterol loading capacity (CLC) r (<i>P-value</i>)	Total Cholesterol efflux capacity (CEC) r (<i>P-value</i>)
BMI	0.43 (P=0.007)	-0.61 (P=0.001)
WC	0.46 (P=0.004)	-0.61 (P<0.001)
Systolic BP	0.59 (P<0.001)	-0.41 (P=0.011)
Diastolic BP	0.47 (P=0.004)	-0.34 (P=0.042)
ApoA-I	-0.45 (P=0.005)	0.38 (P=0.019)
HDL	-0.50 (P=0.001)	0.47 (P=0.003)
Total triglycerides	0.59 (P<0.001)	-0.52 (P=0.001)
Fasting glucose	0.49 (P=0.002)	-0.49 (P=0.002)

Fasting Insulin	0.53 (P=0.001)	-0.69 (P<0.001)
HOMA-IR	0.56 (P<0.001)	-0.72 (P<0.001)
ALT	0.55 (P<0.001)	-0.57 (P<0.001)
AST	-0.44 (P=0.005)	0.40 (P=0.011)
HFF%	0.52 (P=0.001)	-0.44 (P=0.005)
ADP	-0.81 (P<0.001)	0.78 (P<0.001)

r, correlation coefficient; ADP, adiponectin; apoA-I, apolipoprotein A-I; BMI, body mass index; HDL-C, high-density lipoprotein cholesterol; AST, aspartate aminotransferase; ALT, alanine aminotransferase; HFF, hepatic fat fraction; HOMA-IR, homeostasis model assessment of insulin resistance; BP, blood pressure; WC, waist circumference.

Spearman correlation analysis. Only significant associations were reported.