

Table 2 Interrelation between anthropometric indices and their correlation with lipid profile in overweight and obese women (n = 728)

Variable	BMI		WHR		WC	
	r	P-value	r	P-value	r	P-value
Age	0.17	< 0.001	0.04	0.2	0.18	< 0.001
WHR	0.11	0.003	–	–	0.3	< 0.001
WC	0.49	< 0.001	0.3	< 0.001	–	–
TC (mg/dL)	0.17	< 0.001	0.05*	0.2	0.16*	< 0.001
TG (mg/dL)	0.17	< 0.001	0.05*	0.2	0.18*	< 0.001
HDL-C (mg/dL)	0.05	0.17	0.06	0.1	–0.004	0.92
LDL-C (mg/dL)	0.11	0.003	0.03 ^a	0.4	0.11 ^a	0.004

*Difference between the 2 coefficients significant ($P < 0.05$) with z-test for Fisher's zeta transformation.

^aDifference between the 2 coefficients not significant ($P \geq 0.05$) with z-test for Fisher's zeta transformation.

BMI = body mass index; WHR = waist-to-hip ratio; WC = waist circumference; TC = total cholesterol; TG = triglycerides; HDL-C = high-density lipoprotein cholesterol; LDL-C = low-density lipoprotein cholesterol.