

Table 3. Bivariate and independent (partial), controlling for BMI, correlations of serum leptin and ghrelin levels to parameters of obesity and insulin resistance in 11 adolescents studied.

	LEPTIN				GHRELIN			
	Bivariate		Partial for BMI		Bivariate		Partial for BMI	
	r_{Spearman}	P	$r_{\text{p corr}}$	P	r_{Spearman}	P	$r_{\text{p corr}}$	P
BMI	+0.735	<0.001	-----	-----	-0.490	<0.001	-----	-----
BF%	+0.617	<0.001	+0.247	=0.072	-0.445	<0.001	+0.009	=0.948
Insulin	+0.497	<0.001	+0.244	=0.075	-0.497	<0.001	-0.311	=0.022
HOMA-IR	+0.502	<0.001	+0.242	=0.077	-0.454	<0.001	-0.312	=0.022
Leptin	-----	-----	-----	-----	-0.466	<0.001	-0.111	=0.425
Ghrelin	-0.466	<0.001	-0.111	=0.425	-----	-----	-----	-----