

**Table 1.** Comparisons between PCOS group and control group and between obese group and lean group for insulin resistance parameters, tumor necrosis factor- $\alpha$ , interleukin-6 and high sensitive C-reactive protein

	PCOS group (n=25)	Control group (n=23)	p	Obese group (n=26)	Lean group (n=22)	p
HOMA-IR	2.2 (0.7 - 7.5)	1.2 (0.5 - 3.6)	<0.001	2.6 (0.7 - 7.5)	0.9 (0.5 - 3.7)	<0.001
AUCi ( $\mu$ IU/ml/min. $10^{-2}$ )	258.5 (32.6 - 1,927.1)	39.4 (8.6 - 404.6)	<0.001	261.1 (13.6 - 1,927.1)	44.2 (8.6 - 402.6)	0.001
TNF- $\alpha$ (pg/ml)	2.1 (0.8 - 7.3)	1.9 (0.6 - 3.8)	0.397	2.1 (0.8 - 7.3)	1.9 (0.6 - 3.8)	0.444
IL-6 (pg/ml)	3.8 (0.4 - 62.0)	5.7 (0.9 - 38.8)	0.805	8.7 (1.3 - 62.0)	2.0 (0.4 - 14.9)	<0.001
hs-CRP (ng/ml)	0.9 (0.1 - 5.7)	0.5 (0.1 - 4.6)	0.361	1.4 (0.2 - 5.7)	0.2 (0.1 - 1.0)	<0.001

Data are expressed as median (min-max); Mann-Whitney *U* test followed by Bonferroni adjustment was used to perform comparisons between PCOS and control groups, regardless of BMI, and between obese and lean groups, regardless of PCOS;  $p < 0.005$  was considered significant ( $p$  corrected); HOMA-IR: homeostatic model assessment of insulin resistance; AUCi: area under the curve of insulin during the oral glucose tolerance test; TNF- $\alpha$ : tumor necrosis factor- $\alpha$ ; IL-6: interleukin-6; hs-CRP: high-sensitive C-reactive protein.