

Table 5. Anthropometric and laboratory data of overweight/obese (BMI ≥ 30 kg/m²) women with PCOS, classified in two categories based on HOMA Score (HOMA-IR ≤ 2 : insulin-sensitive women, HOMA-IR > 2 : insulin-resistant women)

	PCOS - BMI ≥ 30 kg/m ²		P
	Insulin Sensitive (N=12)	Insulin Resistant (N=57)	
Age (years)	23.42 \pm 5.01	28.39 \pm 6.71	0.018
BMI (kg/m ²)	34.65 \pm 5.30	37.07 \pm 5.60	0.175
WBC (x10 ⁹ /L)	7.78 \pm 1.8	8.48 \pm 1.8	0.020
WHR	0.86 \pm 0.07	0.89 \pm 0.08	0.270
Total Testosterone (nmol/L)	3.6 \pm 1.6	3.6 \pm 1.7	0.990
D4A (nmol/L)	15.56 \pm 10.95	12.04 \pm 5.33	0.256
DHEAS (nmol/L)	8277.7 \pm 6947.8	5807.9 \pm 3066.8	0.087
SHBG (nmol/L)	29.46 \pm 15.02	26.66 \pm 15.33	0.124
FSH (mIU/ml)	5.70 \pm 1.73	5.53 \pm 3.46	0.882
LH (mIU/ml)	6.99 \pm 3.64	6.79 \pm 3.85	0.878
Insulin (pmol/L)	42.72 \pm 17.04	113.64 \pm 47.88	<0.001
Glucose (mmol/L)	4.72 \pm 0.79	4.90 \pm 0.56	0.354
SGOT (U/L)	21.42 \pm 7.78	22.04 \pm 9.80	0.733
SGPT(U/L)	33.42 \pm 26	29.18 \pm 23.06	0.605
γ GT (U/L)	20 \pm 7.55	24.24 \pm 11.44	0.193
Total cholesterol (mmol/L)	4.96 \pm 0.65	4.88 \pm 0.90	0.760
HDL (mmol/L)	1.26 \pm 0.19	1.19 \pm 0.25	0.429
TGL (mmol/L)	1.20 \pm 0.92	1.16 \pm 0.5	0.855
FAI	12.21 \pm 8.35	13.50 \pm 8.42	0.267