

Table 4. Anthropometric and laboratory data of overweight/obese ($25 < \text{BMI} \leq 30 \text{ kg/m}^2$) women with PCOS, classified in two categories based on HOMA Score (HOMA-IR \leq 2: insulin-sensitive women, HOMA-IR $>$ 2: insulin-resistant women)

	PCOS - $25 < \text{BMI} \leq 30 \text{ kg/m}^2$		P
	Insulin Sensitive (N=13)	Insulin Resistant (N=18)	
Age (years)	24.92 \pm 5.70	22.28 \pm 5.88	0.220
BMI (kg/m ²)	26.85 \pm 1.36	27.35 \pm 1.32	0.315
WBC(x10 ⁹ /L)	6.71 \pm 1.44	7.03 \pm 1.52	0.565
WHR	0.83 \pm 0.09	0.81 \pm 0.05	0.386
Total Testosterone (nmol/L)	2.8 \pm 1.2	3.9 \pm 1.4	0.028
D4A (nmol/L)	13.33 \pm 4.74	11.93 \pm 5.51	0.476
DHEAS (nmol/L)	5778 \pm 2646	6318 \pm 3450	0.628
SHBG(nmol/L)	35.36 \pm 11.90	36.75 \pm 32.27	0.875
FSH (mIU/ml)	5.01 \pm 1.72	4.64 \pm 1.35	0.516
LH (mIU/ml)	8.86 \pm 1.09	6.97 \pm 4.68	0.525
Insulin (pmol/L)	50.55 \pm 20.27	113.62 \pm 56.11	<0.001
Glucose (mmol/L)	4.44 \pm 0.4	4.61 \pm 0.38	0.245
SGOT (U/L)	17.62 \pm 3.68	16.56 \pm 3.16	0.398
SGPT(U/L)	15.31 \pm 5.96	17.50 \pm 7.50	0.373
γ GT(U/L)	14.08 \pm 7.55	17.24 \pm 18.68	0.588
Total cholesterol (mmol/L)	4.31 \pm 0.63	4.31 \pm 0.70	0.977
HDL (mmol/L)	1.45 \pm 0.42	1.40 \pm 0.40	0.761
TGL (mmol/L)	0.73 \pm 0.28	0.76 \pm 0.30	0.805
FAI	2.66 \pm 1.6	4.95 \pm 3.25	0.021