

Table 1. Anthropometric and hormonal features of TOTAL PCOS women regarding the levels of Androstenedione. The PCOS sub-populations significantly differed in age, BMI and WHR, thus the comparison was performed via the multivariate general linear model, adjusting for the effect of these factors

	PCOS (n=1276)	PCOS $\Delta 4 > 3.8$ (n=203)	PCOS $\Delta 4 \leq 3.8$ (n=1073)	p value
Age	24.25±5.79	23.28±4.45	24.43±5.99	0.002
BMI (Kgr/m ²)	26.80±7.03	25.47±5.83	27.05±7.21	0.001
WHR	0.79±0.26	0.81±0.22	0.77±0.23	0.000
FSH (mIU/ml)	5.89±1.80	5.88±1.68	5.87±1.82	0.942
LH (mIU/ml)	7.78±5.53	10.88±6.48	7.20±5.13	0.000
R	1.40±1.23	1.95±1.25	1.23±1.20	0.000
PRL (ng/ml)	14.14±7.28	15.93±8.53	13.81±6.97	0.004
Testo (ng/dl)	74.77±30.81	98.08±33.98	70.36±28.09	0.000
$\Delta 4$ Andro (ng/ml)	2.80±1.12	4.77±0.92	2.43±0.68	0.000
Testo/ $\Delta 4$	28.46±11.69	20.94±7.46	29.88±11.81	0.000
DHEAS (μ g/dl)	2938±1218	3645±1348	2804±1220	0.000
17OH (ng/ml)	1.13±0.55	1.59±0.63	1.05±0.49	0.000
SHBG (nmol/l)	41.78±25.51	37.16±21.24	42.66±26.16	0.008
FAI	8.70±7.15	12.38±9.34	7.99±6.44	0.000
Insulin (μ IU/ml)	12.78±12.04	12.31±8.96	12.86±12.54	0.498
Glucose (mg/dl)	97.08±14.13	96.34±12.14	97.22±14.47	0.827
HOMA2-IR	1.58±1.29	1.60±1.13	1.58±1.32	0.380
Quicki	0.34±0.03	0.34±0.03	0.34±0.03	0.086
Glucose/ Insulin	11.58±7.76	10.99±6.09	11.68±8.03	0.072
Mean Follicular Number	11.06±4.83	12.68±5.15	10.76±4.71	0.012
Mean Ovarian Volume (cm ³)	7.96±3.58	8.62±3.49	7.83±3.58	0.298