

**Table 3.** Anthropometric and hormonal features of PCOS women of Phenotype II regarding the levels of Androstenedione. Mann-Whitney test was used to assess the differences in the hormonal and metabolic profile of PCOS sub-groups

	Phenotype II			p value
	PCOS (n=401)	$\Delta 4 > 3.8$ (n=35)	$\Delta 4 \leq 3.8$ (n=366)	
Age	25.55±6.19	23.10±4.55	24.68±6.31	0.177
BMI (Kgr/m <sup>2</sup> )	27.18±7.39	25.61±5.54	27.33±7.53	0.332
Waist to Hip ratio	0.78±0.07	0.78±0.06	0.78±0.07	0.944
FSH (mIU/ml)	6.06±1.89	5.95±1.43	6.08±1.93	0.711†
LH (mIU/ml)	6.98±5.09	8.95±5.09	6.79±5.05	0.004
R	1.20±0.82	1.69±1.40	1.15±0.73	0.012
PRL (ng/ml)	13.76±7.04	15.58±8.70	13.59±6.85	0.298
Testo (ng/dl)	74.06±28.57	89.49±31.57	72.58±27.57	0.000†
$\Delta 4$ Andro (ng/ml)	2.59±0.98	4.79±0.83	2.38±0.70	0.000
Testo/ $\Delta 4$	30.58±12.22	18.75±6.15	31.71±12.06	0.000
DHEAS ( $\mu$ g/dl)	2995±1265	3663±1146	2931±1258	0.004†
17OH (ng/ml)	1.06±0.52	1.49±0.51	1.02±0.50	0.000
SHBG (nmol/l))	41.05±25.90	36.19±18.00	41.52±26.51	0.602
FAI	8.66±6.93	11.11±8.37	8.42±6.74	0.028
Insulin ( $\mu$ IU/ml)	12.45±10.26	11.89±7.15	12.51±10.52	1.000
Glucose (mg/dl)	96.06±11.86	94.54±11.23	96.20±11.93	0.310†
HOMA2-IR	1.61±1.23	1.54±0.93	1.61±1.26	0.800
Quicki	0.34±0.03	0.34±0.03	0.34±0.03	0.764†
Glucose/ Insulin	11.25±6.77	9.99±4.34	11.37±6.95	0.522
Mean Follicular Number	6.96±2.06	7.06±1.73	6.95±2.10	0.699†
Mean Ovarian Volume (cm <sup>3</sup> )	5.55±1.91	5.32±1.46	5.58±1.95	0.488

† The independent t-test was used.