

**Table 2.** Anthropometric and hormonal features of PCOS women of Phenotype I regarding the levels of Androstenedione. The PCOS sub-groups significantly differed in BMI, thus the comparison was performed via the multivariate general linear model, adjusting for the effect of BMI

	Phenotype I			p value
	PCOS (n=645)	$\Delta 4 > 3.8$ (n=152)	$\Delta 4 \leq 3.8$ (n=493)	
Age	23.48±5.27	23.04±4.19	23.62±5.56	0.234
BMI (Kgr/m <sup>2</sup> )	26.93±7.13	25.47±5.94	27.40±7.40	0.001
Waist to Hip ratio	0.79±0.26	0.80±0.22	0.79±0.23	0.203
FSH (mIU/ml)	5.70±1.70	5.74±1.71	5.69±1.69	1.000
LH (mIU/ml)	8.801±6.02	11.36±6.59	7.98±5.55	0.000
R	1.65±1.53	2.06±1.23	1.52±1.58	0.002
PRL (ng/ml)	14.28±7.45	15.79±8.57	13.82±7.03	0.070
Testo (ng/dl)	81.13±30.83	100.24±33.95	75.22±27.30	0.000
$\Delta 4$ Andro (ng/ml)	3.07±1.18	4.68±0.81	2.56±0.66	0.000
Testo/ $\Delta 4$	28.37±11.38	21.769±7.66	30.42±11.55	0.000
DHEAS ( $\mu$ g/dl)	3027±1267	3573±1348	2861±1194	0.000
17OH (ng/ml)	1.20±0.57	1.60±0.66	1.08±0.047	0.000
SHBG (nmol/l)	38.48±23.17	36.80±21.06	28.98±23.80	0.104
FAI	9.94±7.72	12.93±9.85	9.02±6.70	0.000
Insulin ( $\mu$ IU/ml)	13.84±14.05	12.61±9.38	14.22±15.20	0.896
Glucose (mg/dl)	97.51±16.21	96.70±12.19	97.74±17.27	0.782
HOMA2-IR	1.76±1.46	1.64±1.18	1.80±1.54	0.877
Quicki	0.34±0.03	0.34±0.03	0.33±0.04	0.227
Glucose/ Insulin	11.04±7.39	11.02±6.29	11.05±7.71	0.190
Mean Follicular Number	13.29±4.66	14.06±4.95	13.04±4.53	0.096
Mean Ovarian Volume (cm <sup>3</sup> )	9.13±3.59	9.31±3.15	9.07±3.71	0.626