

Supplemental table 1. Circulating hormonal levels of study patients<sup>a</sup>.

	<b>PCOS (n=1371)</b>	<b>UI (n=878)</b>	<b>p value<sup>b</sup></b>
Total testosterone(ng/dL)	53.0 (38.7–71.5)	22.4 (15.9–30.3)	<0.001
SHBG (nmol/L)	26.2 (18.4–38.5)	55.6 (38.5–75.3)	<0.001
Calculated free androgen index	7.1 (4.2–10.9)	1.4 (0.9–2.2)	<0.001
Fasting insulin (μIU/mL)	15.4 (7.8–25.7)	5.0 (2.0–10.8)	<0.001
Proinsulin (pmol/L)	14.9 (9.8–24.1)	11.1 (8.1–14.7)	<0.001
Fasting glucose (mg/dL)	86.9 (79.6–93.8)	85.7 (79.1–91.7)	0.003
HOMA-IR	3.3 (1.5–5.6)	1.0 (0.4–2.3)	<0.001

SHBG, sex hormone-binding globulin; HOMA-IR, homeostatic model assessment-insulin resistance;

<sup>a</sup>Data were shown as median (Interquartile range, IQR). HOMA-IR was calculated according to the following formula: (insulin × glucose) ÷ 405.

<sup>b</sup> A Wilcoxon rank sum test was used for testing differences between the two groups.