Supplemental Table 1. Study variables in healthy control girls (N= 21) and in girls with Polycystic Ovary Syndrome (PCOS, N= 52).

	Controls (N= 21)	PCOS (N= 52)	*P* value
Auxology			
Age (years)	16.0 ± 1.4	15.6 ± 1.3	-
Birth weight Z-score	0.2 ± 0.8	-0.6 ± 1.0	0.03
BMI (kg/m^2)	21.5 ± 2.8	24.3 ± 4.0	0.003
BMI Z-score	0.1 ± 1.0	0.9 ± 1.2	0.02
Δ Z-score birth weight – BMI	-0.2 ± 1.1	1.4 ± 1.5	0.02
Endocrine-Metabolic variables			
Testosterone (nmol/ L)	1.0 ± 0.4	1.3 ± 0.4	0.04
SHBG (nmol/ L) [†]	61.1 ± 26.5	30.9 ± 12.5	<0.0001
FAI [†]	1.8 ± 0.9	4.8 ± 2.5	0.0004
Glucose (mmol/ L)	4.9 ± 0.4	4.6 ± 0.4	0.004
Fasting insulin (pmol/ L)	50.2 ± 28.1	74.5 ± 42.4	NS
HOMA-IR	1.6 ± 0.9	2.3 ± 1.4	NS
HDL-cholesterol (nmol/ L)	1.4 ± 0.2	1.3 ± 0.2	NS
LDL-cholesterol (nmol/ L)	2.2 ± 0.5	2.3 ± 0.5	NS
Triglycerides (nmol/ L)	0.6 ± 0.1	0.7 ± 0.3	NS
HMW adiponectin (mg/ L)	9.1 ± 4.9	6.3 ± 4.7	NS
usCRP (mg/ L) [†]	0.6 ± 0.5	1.5 ± 1.8	NS
Body composition (DXA) [‡]			
Bone mineral density (g/ cm^2)	-	1.18 ± 0.10	-
Lean mass (kg)	-	35.9 ± 4.9	-
Fat mass (kg)	-	22.9 ± 8.6	-
Abdominal fat (kg)	-	6.1 ± 2.1	-
Abdominal fat partitioning (MRI) [†]			
Subcutaneous fat (cm^2)	95 ± 52	184 ± 119	NS
Visceral fat (cm^2)	27 ± 7	42 ± 20	NS
Hepatic fat (%)	10 ± 6	18 ± 6	0.001
Central (hepato-visceral) fat	37 ± 11	60 ± 22	0.01

Values are mean ± standard deviation.

BMI, body mass index; SHBG, sex hormone-binding globulin; FAI, free androgen index; HOMA-IR, homeostasis model assessment insulin resistance; HDL, high-density lipoprotein; LDL, low-density lipoprotein; HMW, high molecular weight; usCRP, ultra-sensitive C-reactive protein; DXA, dual X-ray absorptiometry; MRI, magnetic resonance imaging; NS: not significant.

[†]SHBG, FAI, usCRP and abdominal fat partitioning assessments were performed in 15 out of 21 healthy adolescent girls.

[‡] Indicative DXA values in healthy adolescents, matched for age and height (n=41): lean mass 35.1 ± 1.0 kg; fat mass 17.6 ± 1.4 kg (Ibáñez L, et al. *J Adolesc Health 2017;* 61: 446-453).

P values are adjusted for age and BMI.