

Table 1. Baseline characteristics of the study participants

Parameter	Liraglutide (n = 17)	Metformin (n = 15)	P values
Age (yr)	29.5 ± 7.7	25.3 ± 5.2	NS
Menstrual cycles (no./yr)	6.2 ± 4.7	6.4 ± 4.8	NS
FG score	14.8 ± 5.9	14.7 ± 7.1	NS
Weight (kg)	112.3 ± 20.6	105.3 ± 20.1	NS
BMI (kg/m ²)	40.8 ± 6.1	38.2 ± 7	NS
WC (cm)	126.6 ± 14.3	123.1 ± 17.5	NS
SBP (mmHg)	122 ± 13.4	129.9 ± 13.2	NS
DBP (mmHg)	76.5 ± 8.5	83.5 ± 11.4	NS
AST (μkat/L)	0.5 ± 0.3	0.7 ± 0.4	NS
ALT (μkat/L)	0.5 ± 0.2	0.6 ± 0.3	NS
GGT (μkat/L)	0.5 ± 0.3	0.4 ± 0.2	NS
LH (IU/L)	4.9 ± 4	7.4 ± 4	NS
FSH (IU/L)	4.8 ± 1.5 [1]	5.3 ± 2.1	NS
DHEA-S (μmol/L)	6.3 ± 2.9	7 ± 2.7	NS
AND (nmol/L)	10.3 ± 4.5	11.7 ± 3.7	NS
Total T (nmol/L)	2.2 ± 0.9	3 ± 0.9	NS
Free T (nmol/L)	6.2 ± 2.6	7.6 ± 2.9	NS
SHBG (nmol/L)	28.2 ± 13.9	23.1 ± 12.1	NS
FAI	10.7 ± 7.9	17.5 ± 13.6	NS
Cholesterol (mmol/L)	4.9 ± 0.9	4.5 ± 0.9	NS
HDL-C (mmol/L)	1.1 ± 0.3	1.1 ± 0.2	NS
LDL-C (mmol/L)	3.2 ± 0.8	2.9 ± 0.7	NS
TG (mmol/L)	1.6 ± 0.7	1.4 ± 0.6	NS
Glu 0 min OGTT (mmol/L)	5.5 ± 0.8	5.3 ± 0.5	NS
Glu 30 min OGTT (mmol/L)	8.7 ± 1.9	8.9 ± 1.2	NS
Glu 60 min OGTT (mmol/L)	9.2 ± 2.7	9.2 ± 1.9	NS
Glu 90 min OGTT (mmol/L)	8.4 ± 2.2	8.4 ± 2.4	NS
Glu 120 min OGTT (mmol/L)	7 ± 1.9	7.9 ± 2.4	NS
Insulin 0 min OGTT (pmol/L)	15 ± 11.4	12.3 ± 7.6	NS
Insulin 30 min OGTT (pmol/L)	76.1 ± 40.6	97.1 ± 81.8	NS
Insulin 60 min OGTT (pmol/L)	109.2 ± 62.1	125.9 ± 91.3	NS
Insulin 90 min OGTT (pmol/L)	112.7 ± 91.5	107.6 ± 49.8	NS
Insulin 120 min OGTT (pmol/L)	98.6 ± 95.3	112.4 ± 74.3	NS
HOMA-IR score	3.8 ± 3.6	2.9 ± 1.7	NS
Matsuda index	3.4 ± 2.2	3.5 ± 2.3	NS
FM by DXA (%)	42.8 ± 2.8 [1]	43.3 ± 6.4 [2]	NS

NS = not significant. Means ± SD. Bonferroni-adjusted P values. Number of missing values in square brackets [].