

Table 1. Characteristics of patient (typical and atypical AN^a) and control groups

	Total participants <i>n</i> =37	Typical AN <i>n</i> =17	Atypical AN <i>n</i> =5	Controls <i>n</i> =15	<i>P</i> [*]	<i>P</i> [†]	<i>P</i> [‡]	<i>P</i> [¶]
Age, years (median, range)	14.7 (12.8-19.5)	15.1 (13.6-17.3)	14.5 (13.3-17.1)	14.3 (12.8-19.5)	0.217	0.086	0.793	0.388
BMI ^b , kg/m ² (median, range)	17.2 (13.6-23.3)	15.9 (13.6-17.2)	18.3 (16.0-22.9)	19.8 (17.2-23.4)	<0.001	<0.001	0.266	0.009
Amenorrhea, months (median, range)		8.5 (4.1-30)	6.1 (4-10.2)					0.614
LS ^c z-score (median, range)	-0.8 (-2.5-1.0)	-1.4 (-2.5-0.3)	-0.8 (-1.7-0.2)	0.1 (-1.0-1.0)	0.050	0.016	0.317	0.551
WB ^d z-score (median, range)	0.2 (-1.7-1.2)	-1.0 (-1.7-0.5)	0.6 (-0.3-0.6)	0.5 (-0.2-1.2)	0.256	0.212	0.480	0.180
Kisspeptin, ng/L (median, range)	229.6 (101.9-709.1)	208.2 (110.0-586.0)	436.9 (167.3-641.4)	232.8 (101.9-709.1)	0.169	0.546	0.176	0.055
LH ^e , mIU/mL (median, range)	2.85 (0.01-24.47)	0.65 (0.01-9.2)	5.20 (3.6-6.0)	4.86 (0.07-24.40)	0.028	0.016	0.938	0.069
FSH ^f , mIU/mL (median, range)	4.04 (0.05-11.81)	3.78 (0.39-11.81)	4.40 (3.6-5.0)	4.56 (0.05-6.50)	0.664	0.401	0.696	0.638
PRL ^g , ng/mL (median, range)	9.4 (3.3-31.4)	6.7 (3.3-17.3)	12.5 (6.7-18.3)	12.6 (6.2-31.4)	0.092	0.034	0.830	0.283
TSH ^h , mU/mL (median, range)	1.96 (0.67-8.15)	1.43 (0.67-2.49)	2.48 (1.46-4.70)	2.21 (0.94-8.15)	0.042	0.045	0.598	0.027
FT4 ⁱ , ng/dL (median, range)	1.1 (0.85-1.31)	1.06 (0.85-1.27)	1.10 (0.91-1.22)	1.22 (0.97-1.31)	0.248	0.150	0.197	0.606
T3 ^j , ng/mL (median, range)	1.22 (0.43-1.55)	1.18 (0.43-1.37)	1.43 (0.47-1.51)	1.22 (1.06-1.55)	0.505	0.357	0.683	0.275
E ₂ ^k , pg/mL (median, range)	23 (5-270)	12.7 (5.0-28.0)	44.3 (12.0-74.0)	42.1 (23.0-270)	<0.001	<0.001	0.926	0.086
17OHP ^l , ng/mL (median, range)	1.20 (0.62-1.85)	1.16 (0.62-1.50)	0.94 (0.70-1.18)	1.34 (0.90-1.85)	0.16	0.18	0.37	0.12

P^{*} represents *P*-value among the three groups; *P*[†] represents *P*-value between typical AN and controls; *P*[‡] represents *P*-value between atypical AN and controls; *P*[¶] represents *P*-value between typical and atypical AN.

^aAN: anorexia nervosa; ^bBMI: body mass index; ^cLS: lumbar spine; ^dWB: whole body; ^eLH: luteinizing hormone; ^fFSH: follicle stimulating hormone; ^gPRL: prolactin; ^hTSH: thyroid stimulating hormone; ⁱFT4: free thyroxine; ^jT3: triiodothyronine; ^kE₂: estradiol;

^l17OHP: 17-hydroxyprogesterone.