

Table S1 Specific levels of indicators in different groups

Author	Year	Country	Group (BMI kg/m ²)	N	Mean	SD
LH (mIU/mL)						
Karamazak	2018	Turkey	<25	101	9.3	6.1
			25–30	141	9.9	7.8
			>30	40	8.1	5.9
Li	2019	China	<25	355	5.13	3.24
			25–30	206	5.39	4.47
			>30	144	5.65	7.41
FSH (mIU/mL)						
Karamazak	2018	Turkey	<25	101	20.9	15.7
			25–30	141	21.4	19.3
			>30	40	18.4	13.8
Li	2019	China	<25	355	7.95	6.82
			25–30	206	7.05	5.58
			>30	144	8.80	8.47
TT (ng/mL)						
Karamazak	2018	Turkey	<25	101	4	2
			25–30	141	3.6	3.2
			>30	40	2.8	1.6
Li	2019	China	<25	355	5.81	5.63
			25–30	206	4.28	2.42
			>30	144	3.33	1.34
FT (pg/mL)						
Iwatsuki	2017	Japan	<25	151	8.45	3.99
			≥25	66	6.59	4.08
cBAT (ng/mL)						
Iwatsuki	2017	Japan	<25	151	1.84	0.9
			≥25	66	1.33	0.81
SHBG (nmol/mL)						
Iwatsuki	2017	Japan	<25	151	53.9	19.6
			≥25	66	41.3	25.2
PRL (ng/mL)						
Li	2019	China	<25	355	13.07	8
			25–30	206	12.81	7.3
			>30	144	13.17	6.91

LH, luteinizing hormone; FSH, follicle-stimulating hormone; TT, total testosterone; FT, free testosterone; cBAT, calculated bioavailable testosterone; SHBG, sex hormone-binding globulin; PRL, prolactin; N, sample size; SD, standard deviation.