

Table S1. Characteristics of healthy women included to the study population.

Parameter	Total n= 408	Caucasians n=285	Asians n=123	p-value
Mean \pm SD				
Median (Lower Q; Upper Q)				
Age, years	34.32 \pm 5.96 35.00 (30.00;39.00)	34.04 \pm 6.01 34.00 (30.00;39.00)	34.98 \pm 5.81 35.00 (31.00;40.00)	$p_u=0.680$
Anthropometry and vital signs				
Mean \pm SD				
Median (Lower Q; Upper Q)				
WC, cm	74.14 \pm 8.85 73.00 (67.00;80.00)	73.86 \pm 8.95 73.00 (67.00;80.00)	74.80 \pm 8.63 74.00 (68.00;81.00)	$p_u=0.649$
BMI, kg/m ²	23.79 \pm 3.30 23.70 (21.15;26.60)	23.90 \pm 3.29 23.90 (21.20;26.70)	23.54 \pm 3.31 23.70 (20.90;26.30)	$p_u=0.916$
Systolic blood pressure, mm Hg	119.51 \pm 11.52 119.00 (112.00;126.00)	119.40 \pm 11.02 120.00 (112.00;125.00)	119.75 \pm 12.64 117.00 (111.00;126.00)	$p_u=0.066$
Diastolic blood pressure, mm Hg	76.51 \pm 8.61 76.00 (70.00;81.500)	76.00 \pm 8.39 76.00 (70.00;81.00)	77.71 \pm 9.05 77.00 (71.00;83.00)	$p_u=0.307$
Education n/N (%)				$p_{KW}<0.001$
Doctoral degree	27/408 (6.62%)	15/285 (5.26%)	12/123 (9.76%)	$p_z=0.093$
Master's degree	286/408 (70.10%)	185/285 (64.91%)	101/123 (82.11 %)	$p_z=0.001$
Incomplete high school	16/408 (3.92%)	13/285 (4.56%)	3/123 (2.44%)	$p_z=0.311$
Bachelor's degree	58/408 (14.22%)	52/285 (18.25%)	6/123 (4.88%)	$p_z<0.001$
Some college	1/408 (0.25%)	1/285 (0.35%)	0/123 (0.00%)	$p_z=0.511$
High school or equivalent	14/408 (3.43%)	13/285 (4.56%)	1/123 (0.81%)	$p_z=0.056$
Middle school only	5/408 (1.23%)	5/285 (1.75%)	0/123 (0.00%)	$p_z=0.140$
Elementary school	0/408 (0.00%)	0/285 (0.00%)	0/123 (0.00%)	NA
No degree	1/408 (0.25%)	1/285 (0.35%)	0/123 (0.00%)	$p_z=0.511$
Occupation, n/N (%)				$p_{KW}<0.001$
Legislators. senior officials and managers	9/408 (2.22%)	8/285 (2.83%)	1/123 (0.82%)	$p_z=0.511$
Professionals	179/408 (44.20%)	108/285 (38.16%)	71/123 (58.20%)	$p_z=0.206$
Technicians and associate professionals	78/408 (19.26%)	62/285 (21.91%)	16/123 (13.11%)	$p_z<0.001$
Office clerks	55/408 (13.58%)	33/285 (11.66%)	22/123 (18.03%)	$p_z=0.039$
Service workers and shop and market sales	21/408 (5.19%)	13/285 (4.59%)	8/123 (6.56%)	$p_z=0.084$
Skilled agricultural and fishery workers	1/408 (0.25%)	1/285 (0.35%)	0/123 (0.00%)	$p_z=0.511$
Craft and related trades workers	41/408 (10.12%)	38/285 (13.43%)	3/123 (2.46%)	$p_z=0.001$
Plant and machine operators and assemblers	8/408 (1.98%)	8/285 (2.83%)	0/123 (0.00%)	$p_z=0.059$
Elementary occupations	13/408 (3.21%)	12/285 (4.24%)	1/123 (0.82%)	$p_z=0.072$
Marital status n/N (%)				$p_{KW}=0.890$
Single	97/408 (23.89%)	68/285 (23.86%)	29/123 (23.97%)	
Married	220/408 (54.19%)	152/285 (53.33%)	68/123 (56.20%)	
Living with another	38/408 (9.36%)	30/285 (10.53%)	8/123 (6.61%)	
Separated	5/408 (1.23%)	4/285 (1.40%)	1/123 (0.83%)	
Divorced	35/408 (8.62%)	23/285 (8.07%)	12/123 (9.92%)	
Widowed	8/408 (1.97%)	6/285 (2.11%)	2/123 (1.65%)	
Would rather not say	3/408 (0.74%)	2/285 (0.70%)	1/123 (0.83%)	

Menstrual and reproductive history				
	Mean \pm SD			
	Median (Lower Q; Upper Q)			
Age at menarche, years	13.28 \pm 1.35 13.00 (12.00;14.00)	13.22 \pm 1.31 13.00 (12.00;14.0)	13.41 \pm 1.43 13.00 (12.00;14.00)	$p_u=0.223$
Average menstrual cycle length, days	27.71 \pm 2.11 28.00 (27.99;29.00)	27.61 \pm 2.16 28.00 (27.00;28.00)	27.93 \pm 1.97 28.00 (27.00;30.00)	$p_u=0.251$
Parity of pregnancies	2.36 \pm 2.15 2.00 (1.00;3.00)	2.37 \pm 2.19 2.00 (1.00;4.00)	2.33 \pm 2.04 2.00 (1.00;3.00)	$p_u=0.375$
mFG score	0.54 \pm 0.96 0.00 (0.00;1.00)	0.62 \pm 1.02 0.00 (0.00;1.00)	0.37 \pm 0.78 0.00 (0.00;0.00)	$p_u=0.001$
Hormones				
	Mean \pm SD			
	Median (Lower Q; Upper Q)			
Prolactin, mIU/ml	333.91 \pm 153.57 307.00 (218.00;438.50)	303.38 \pm 134.08 277.00 (202.00;382.00)	404.64 \pm 172.07 399.00 (269.00;509.00)	$p_u=0.001$
TSH, mIU/ml	1.56 \pm 0.73 1.50 (1.00;2.00)	1.52 \pm 0.73 1.40 (1.00;1.90)	1.66 \pm 0.72 1.60 (1.20;2.10)	$p_u=0.996$
LH, mIU/ml	7.23 \pm 10.02 5.30 (3.20;7.50)	7.52 \pm 10.16 5.60 (3.30;7.90)	6.57 \pm 9.67 4.80 (3.20;7.00)	$p_u=0.533$
FSH, mIU/ml	5.86 \pm 3.22 5.40 (3.8;7.0)	5.96 \pm 3.22 5.50 (4.00;7.00)	5.67 \pm 3.22 5.10 (3.60;6.90)	$p_u=1.00$
TT, ng/dl	25.02 \pm 13.74 24.69 (14.93;33.61)	26.22 \pm 14.68 25.70 (16.05;34.83)	21.78 \pm 10.65 22.09 (13.64;29.99)	$p_u<0.001$
SHBG, nmol/l	86.23 \pm 56.21 70.35 (47.00;105.70)	90.48 \pm 59.98 71.00 (51.40;115.00)	76.38 \pm 45.00 65.60 (43.50;96.80)	$p_u<0.001$
FAI	1.35 \pm 1.05 1.15 (0.59;1.83)	1.42 \pm 1.17 1.19 (0.59;1.88)	1.19 \pm 0.70 1.07 (0.57;1.62)	$p_u<0.001$
DHEAS, μ g/dl	160.52 \pm 65.36 155.00 (113.00;202.00)	164.65 \pm 68.89 158.00 (118.00;210.00)	150.87 \pm 55.32 145.00 (106.00;187.00)	$p_u=0.006$
17OHP, nmol/l	5.50 \pm 3.37 5.15 (2.50;7.00)	5.63 \pm 3.35 5.40 (2.80;7.00)	5.21 \pm 3.41 5.00 (2.10;7.00)	$p_u=0.810$
AMH, ng/ml	2.85 \pm 2.21 2.20 (1.10;4.40)	2.91 \pm 2.20 2.30 (1.10;4.50)	2.71 \pm 2.22 1.90 (0.57;1.62)	$p_u=0.900$

Abbreviations: WC is waist circumference, BMI is body mass index, mFG score is modified Ferriman-Gallwey score, NA- not applicable; u , z , k_w – U-test; Z test; Kruskal-Wallis ANOVA test, respectively