

Supplementary Table 1. Anthropometric and endocrine parameters of the participants

Number	Age (Year)	Height (m)	Weight (Kg)	FSH (mIU/mL)	LH (mIU/mL)	E2 (pmol/L)	Progesterone (nmol/L)	VCAM-1 (ng/mL)
Premenopausal Women								
1	24	1.58	48.4	6.76	5.8	384.7	3.65	889.42
2	23	1.54	47.1	4.55	3.2	160.4	2.86	851.86
3	25	1.62	49.1	2.86	4.5	283.5	2.26	858.08
4	25	1.58	50.6	4.26	5.7	202.8	1.58	527.34
5	26	1.61	49.3	6.10	6.7	320.6	3.02	571.94
6	24	1.57	47.2	6.16	4.6	356.4	3.26	447.52
7	23	1.56	48.3	2.67	3.5	121.7	1.67	677.30
8	25	1.59	51.2	7.93	2.6	218.9	2.18	616.28
9	25	1.66	53.4	5.43	4.2	163.2	1.92	668.14
10	25	1.61	48.6	4.07	4.8	221.6	1.22	687.56
11	24	1.56	48.3	5.20	5.3	191.6	1.82	651.6
12	26	1.57	48.4	5.01	4.4	236.5	2.13	745.04
13	25	1.58	49.2	5.30	3.6	210.8	1.96	679.04
14	24	1.56	48.9	5.12	3.2	180.6	1.84	583.64
15	23	1.58	48.4	6.85	4.2	245.6	2.28	591.00
16	25	1.59	50.8	2.53	2.1	196.2	1.03	668.14
17	26	1.59	47.1	6.94	5.4	425.5	4.12	646.28
18	25	1.62	52.3	3.79	3.8	186.2	2.54	690.38
19	24	1.64	54.4	3.70	3.2	204.5	2.82	639.8
20	26	1.59	49.3	5.11	4.3	265.4	3.25	692.46
21	25	1.58	48.8	5.24	4.1	218.9	2.86	646.28
22	25	1.57	47.3	4.33	3.4	302.6	3.63	655.72
23	23	1.58	47.6	9.12	6.8	452.7	4.12	654.42
24	25	1.57	47.8	2.64	2.4	188.6	2.25	721.20
25	25	1.59	49.3	5.61	2.2	212.5	2.68	740.54
26	26	1.57	48.1	6.39	3.8	336.6	3.74	595.92
27	25	1.56	46.8	6.53	7.5	348.2	3.55	741.62
28	24	1.61	49.3	4.79	4.5	308.4	2.61	805.18
29	25	1.59	48.3	5.71	5.1	365.5	2.85	718.98
30	25	1.58	47.4	2.56	2.2	178.6	2.08	735.80
31	25	1.55	46.2	7.18	4.6	355.4	2.37	471.32
32	25	1.58	48.4	8.98	6.3	425.3	4.21	448.72
33	25	1.56	48.1	2.08	2.6	168.4	2.52	434.68
34	24	1.56	48.9	4.78	3.4	290.3	2.84	500.94
35	23	1.57	47.3	6.84	7.6	384.1	3.96	550.50
36	25	1.61	51.2	2.89	2.1	186.5	3.35	510.80
37	25	1.58	48.4	5.08	3.6	342.5	3.88	713.56
38	25	1.60	49.1	6.82	4.4	366.2	4.03	649.90
39	26	1.58	47.6	2.99	2.6	218.4	3.12	666.28

40	25	1.57	47.1	7.86	6.5	379.8	3.84	481.44
41	25	1.58	48.4	6.66	5.2	365.7	3.28	519.92
42	25	1.63	54.3	5.84	4.3	313.2	3.04	456.68
43	24	1.56	47.4	7.32	6.8	379.6	3.75	631.44
44	25	1.58	47.1	9.25	7.9	408.7	4.28	626.78
45	25	1.59	48.4	3.03	2.9	254.6	3.08	526.38
46	26	1.57	49.3	9.34	5.6	321.4	3.92	620.54
47	25	1.61	48.1	8.07	5.4	363.1	3.83	452.48
48	25	1.57	49.2	2.64	2.7	258.5	2.98	443.94
Mean	24.8	1.58	48.86	5.43	4.41	280.64	2.92	627.18
SD	0.83	0.02	1.82	1.98	1.56	86.90	0.85	114.90

Number	Age (Year)	Height (m)	Weight (Kg)	FSH (mIU/mL)	LH (mIU/mL)	E2 (pmol/L)	Progesterone (nmol/L)	VCAM-1 (ng/mL)
Postmenopausal Women								
1	56	1.56	56.3	55.02	52.1	52.6	0.74	1487.30
2	55	1.58	54.4	81.26	31.5	66.1	0.68	794.30
3	52	1.61	57.4	77.44	45.3	78.5	0.82	1032.22
4	56	1.58	58.3	41.03	30.1	82.6	1.25	852.64
5	55	1.59	49.3	47.80	36.5	58.9	0.94	504.54
6	54	1.58	58.3	68.64	22.4	57.3	1.27	803.26
7	56	1.62	56.3	43.61	58.8	54.4	1.15	576.26
8	58	1.59	59.4	106.56	40.1	64.7	1.71	673.78
9	58	1.57	54.8	71.29	46.7	43.3	0.85	1394.44
10	59	1.54	57.5	113.57	24.2	55.9	0.67	1159.30
11	54	1.62	60.3	62.22	19.7	77.8	0.87	686.50
12	53	1.58	56.3	51.14	18.6	116.2	1.58	2105.04
13	55	1.56	58.3	66.51	44.8	72.6	1.42	614.52
14	54	1.57	55.2	52.61	24.1	101.6	1.61	1890.14
15	56	1.55	59.3	85.46	48.7	61.9	0.72	1086.48
Mean	55.4	1.58	56.76	68.28	36.24	69.62	1.09	1044.05
SD	1.92	0.02	2.70	21.71	12.89	19.42	0.37	484.94