

Table 2. Mean \pm standard deviation (SD) of hormones and sex hormone-binding globulin (SHBG) concentrations in nonsmokers and smokers after grouping based on potential confounding factors

Variable	Sample		SHBG (nmol/l)		TT (nmol/l)		FT (ng/dl)	
	Nonsmokers	Smokers	Nonsmokers	Smokers	Nonsmokers	Smokers	Nonsmokers	Smokers
Age								
20-34	442 (48.2%)	475 (51.8%)	36.45 \pm 15.03	37.72 \pm 16.43	22.32 \pm 6.15	23.00 \pm 6.89	13.43 \pm 3.28	13.75 \pm 4.20
35-49	362 (44.6%)	449 (55.4%)	39.87 \pm 20.11	43.10 \pm 19.26	19.59 \pm 6.12	21.60 \pm 6.30	10.92 \pm 2.66	11.65 \pm 2.72
\geq 50	185 (63.1%)	108 (36.9%)	54.46 \pm 23.54	56.60 \pm 25.34	20.12 \pm 6.40	22.40 \pm 7.13	9.15 \pm 2.59	10.03 \pm 2.54
<i>P</i> [†] -value	—		0.023		<0.001		<0.001	
<i>P</i> [‡] -value			<0.001		<0.001		<0.001	
BMI (kg/m²)								
<24	595 (47.9%)	647 (52.1%)	46.88 \pm 20.40	47.85 \pm 20.03	23.07 \pm 6.12	24.15 \pm 6.41	12.13 \pm 3.47	12.61 \pm 3.60
\geq 24	394 (50.6%)	385 (49.4%)	32.29 \pm 15.39	32.27 \pm 14.20	17.65 \pm 5.09	19.27 \pm 6.01	11.08 \pm 3.13	12.18 \pm 3.83
<i>P</i> [†] -value	—		0.573		<0.001		<0.001	
<i>P</i> [‡] -value			<0.001		<0.001		<0.001	
Alcohol consumption								
No	170 (59.4%)	116 (40.6%)	45.45 \pm 22.53	47.40 \pm 25.60	21.09 \pm 6.52	22.35 \pm 6.17	11.18 \pm 3.45	11.65 \pm 3.12
Yes	819 (47.2%)	916 (52.8%)	40.16 \pm 19.18	41.36 \pm 18.58	20.87 \pm 6.28	22.32 \pm 6.76	11.84 \pm 3.33	12.55 \pm 3.75
<i>P</i> [†] -value	—		0.216		0.001		0.007	
<i>P</i> [‡] -value			<0.001		0.787		<0.001	
Triglycerides (mmol/l)								
<1.7	742 (51%)	712 (49%)	44.65 \pm 20.12	46.40 \pm 18.97	22.09 \pm 6.16	23.77 \pm 6.41	11.88 \pm 3.36	12.58 \pm 3.53
\geq 1.7	232 (43.4%)	303 (56.6%)	30.13 \pm 15.04	31.52 \pm 16.22	16.89 \pm 5.02	18.83 \pm 6.10	10.95 \pm 3.14	12.05 \pm 3.99
<i>P</i> [†] -value	—		0.089		<0.001		<0.001	
<i>P</i> [‡] -value			<0.001		<0.001		<0.001	

P-values were obtained in two way ANOVA.

[†] Significances of effects of smoking.

[‡] Significances of effects of age, BMI alcohol consumption and triglycerides.