

Table 5. Correlations between serum SHBG levels, cFT, bioavailable testosterone or FAI and selective study parameters.

Parameter		SHBG (nmol/L)	cFT (ng/dL)	Bioavailable testosterone (ng/dL)	FAI
Age (years)	r_s	0.098	-0.359	-0.335	-0.299
	p-value	0.555	0.025	0.037	0.064
Waist circumference (cm)	r_s	-0.294	0.351	0.346	0.361
	p-value	0.069	0.028	0.031	0.024
AST (U/L)	r_s	-0.455	0.259	0.272	0.359
	p-value	0.004	0.111	0.093	0.025
ALT (U/L)	r_s	-0.509	0.254	0.268	0.365
	p-value	0.001	0.119	0.099	0.022
GGT (U/L)	r_s	-0.640	0.311	0.352	0.460
	p-value	<0.001	0.154	0.028	0.003
Triglycerides (mg/dL)	r_s	-0.639	0.218	0.266	0.401
	p-value	<0.001	0.182	0.101	0.011
HDL-C (mg/dL)	r_s	0.440	-0.256	-0.308	-0.358
	p-value	0.006	0.116	0.057	0.025
Ferritin (ng/mL)	r_s	-0.453	0.340	0.387	0.448
	p-value	0.004	0.034	0.015	0.004
Glucose (mg/dL)	r_s	-0.354	0.083	0.132	0.195
	p-value	0.027	0.616	0.425	0.233
Insulin (μ U/mL)	r_s	-0.437	0.340	0.389	0.425
	p-value	0.006	0.037	0.016	0.008
HOMA-IR	r_s	-0.441	0.296	0.349	0.394
	p-value	0.006	0.071	0.032	0.014
DHEAS (μ g/dL)	r_s	-0.110	0.490	0.496	0.398
	p-value	0.506	0.002	0.001	0.012
Total adiponectin (μ g/mL)	r_s	0.507	-0.273	-0.314	-0.379
	p-value	0.001	0.092	0.052	0.017
HMW adiponectin (μ g/mL)	r_s	0.444	-0.288	-0.319	-0.365
	p-value	0.005	0.075	0.048	0.022

Data are presented as Spearman's coefficient of correlation (r_s) and p-value

ALT: alanine transaminase; AST: aspartate transaminase; BMI: body mass index; cFT: calculated free testosterone; GGT: gamma-glutamyl transferase; FAI: free androgen index; HDL-C: high density lipoprotein cholesterol; HMW: high molecular weight; HOMA-IR: homeostatic model of assessment insulin resistance; SHBG: sex hormone-binding globulin.