

Supplementary Table 1 Correlated risk factors for serum lipid parameters in males and females of the Mulao and Han populations.

Lipid parameter	Risk factor	Unstandardized Coefficient	Standard Error	Standardized Coefficient	t	P
Mulao/Male						
TC	Body mass index	0.073	0.021	0.201	3.459	0.001
	Alcohol consumption	0.003	0.001	0.150	2.572	0.011
TG	Waist circumference	0.049	0.008	0.336	5.979	0.000
	Body mass index	0.054	0.011	0.243	4.919	0.000
HDL-C	Diastolic blood pressure	0.009	0.003	0.133	2.678	0.008
	Weight	-0.015	0.003	-0.256	-4.427	0.000
LDL-C	Alcohol consumption	0.001	0.001	0.148	2.573	0.011
	Body mass index	0.048	0.016	0.175	2.952	0.003
ApoA1	Age	0.005	0.002	0.172	2.955	0.003
	Alcohol consumption	0.001	0.000	0.171	2.944	0.004
ApoB	Waist circumference	0.016	0.004	0.227	3.946	0.000
	Pulse pressure	0.008	0.003	0.168	2.839	0.005
ApoA1/ApoB	Age	-0.007	0.003	-0.158	-2.642	0.009
	Waist circumference	-0.018	0.005	-0.228	-3.888	0.000
Mulao/Female						
TC	Body mass index	0.048	0.019	0.131	2.554	0.011
	Age	0.011	0.004	0.149	2.913	0.004
	Systolic blood pressure	0.006	0.003	0.111	2.098	0.037
TG	Body mass index	0.063	0.011	0.281	5.527	0.000
	Body mass index	-0.033	0.007	-0.245	-4.801	0.000
LDL-C	Waist circumference	0.021	0.005	0.203	3.974	0.000
	Age	0.010	0.003	0.177	3.494	0.001
ApoA1	Systolic blood pressure	0.002	0.001	0.108	2.063	0.040
	Waist circumference	0.015	0.003	0.248	4.980	0.000
ApoB	Cigarette smoking	0.059	0.020	0.145	2.912	0.004
	Fasting blood glucose	0.056	0.017	0.171	3.383	0.001
ApoA1/ApoB	Waist circumference	-0.002	0.005	-0.198	-3.790	0.000
	Height	0.014	0.007	0.106	2.040	0.042
Han/Male						
TC	Alcohol consumption	0.002	0.001	0.107	1.791	0.075
	Diastolic blood pressure	0.023	0.005	0.268	4.434	0.000
	Waist circumference	0.020	0.007	0.170	2.821	0.005
	Fasting blood glucose	0.074	0.032	0.139	2.327	0.021
	Waist circumference	0.070	0.010	0.410	6.968	0.000
TG	Cigarette smoking	0.020	0.008	0.153	2.596	0.010
	Fasting blood glucose	0.116	0.045	0.155	2.605	0.010
	Weight	0.035	0.015	0.228	2.366	0.019
HDL-C	Weight	-0.014	0.003	-0.315	-5.291	0.000
	Alcohol consumption	0.002	0.001	0.252	4.247	0.000
	Diastolic blood pressure	0.007	0.002	0.206	3.428	0.001
	Cigarette smoking	0.007	0.002	0.174	2.946	0.004
LDL-C	Body mass index	0.028	0.013	0.141	2.169	0.031
	Diastolic blood pressure	0.012	0.004	0.170	2.705	0.007
	Fasting blood glucose	0.082	0.027	0.184	3.052	0.003
ApoA1	Alcohol consumption	0.003	0.000	0.479	8.731	0.000
	Cigarette smoking	0.005	0.001	0.220	4.049	0.000
	Weight	-0.005	0.002	-0.162	-2.928	0.004
	Diastolic blood pressure	0.003	0.001	0.134	2.444	0.015
ApoB	Pulse pressure	0.003	0.001	0.129	2.569	0.011
	Waist circumference	0.006	0.002	0.263	3.992	0.000
	Body mass index	0.011	0.003	0.242	3.670	0.000
	Alcohol consumption	0.001	0.000	0.207	3.543	0.000
ApoA1/ApoB	Fasting blood glucose	0.020	0.007	0.176	3.019	0.003
	Height	-0.004	0.001	-0.176	-2.883	0.004
	Diastolic blood pressure	0.002	0.001	0.132	2.193	0.029
	Weight	-0.059	0.012	-1.180	-5.083	0.000
	Cigarette smoking	0.008	0.002	0.203	3.614	0.000
	Height	0.047	0.011	0.910	4.258	0.000
Han/Female	Body mass index	0.087	0.026	0.812	3.395	0.001
	Alcohol consumption	0.002	0.001	0.206	3.601	0.000
	Fasting blood glucose	-0.035	0.015	-0.139	-2.354	0.019
Han/Male						
TC	Body mass index	0.120	0.034	0.330	3.511	0.000
	Age	0.020	0.003	0.292	5.858	0.000
	Weight	-0.031	0.014	-0.200	-2.133	0.034
	Height	-0.047	0.009	-0.260	-5.417	0.000
TG	Waist circumference	0.037	0.006	0.301	6.398	0.000
	Systolic blood pressure	0.008	0.002	0.159	3.422	0.001
	Body mass index	0.048	0.021	0.158	2.245	0.025
LDL-C	Fasting blood glucose	0.138	0.031	0.213	4.500	0.000
	Waist circumference	0.024	0.006	0.197	4.219	0.000
	Age	0.018	0.003	0.319	6.705	0.000
ApoA1	Alcohol consumption	-0.010	0.005	-0.096	-2.065	0.040
	Height	-0.029	0.007	-0.189	-3.912	0.000
	Weight	-0.004	0.002	-0.119	-2.344	0.020
ApoB	Fasting blood glucose	0.020	0.009	0.107	2.111	0.035
	Waist circumference	0.008	0.001	0.319	6.903	0.000
	Age	0.002	0.001	0.181	3.566	0.000
ApoA1/ApoB	Height	-0.005	0.002	-0.140	-2.821	0.005
	Fasting blood glucose	0.024	0.006	0.176	3.850	0.000
	Waist circumference	-0.018	0.004	-0.242	-5.029	0.000
Han/Female	Age	-0.006	0.002	-0.171	-3.558	0.000
	Height	0.011	0.004	0.125	2.598	0.010

TC, total cholesterol; TG, triglyceride; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol; ApoA1, apolipoprotein A1; ApoB, apolipoprotein B; ApoA1/ApoB, the ratio of apolipoprotein A1 to apolipoprotein B.