

Supplementary Data S1

Correlation of Age, BMI, and Blood pressure variables to serum lipid profile among sickle cell disease (Upper portion) and healthy individuals (Lower Portion).

Parameter		AGE	BMI	SBP	DBP	TC	TG	LDL	VLDL	HDL	Non-HDL	TG/HDL
AGE	R	1	-0.072	0.225	-0.028	0.002	-0.083	-0.085	0.078	0.251	-0.125	-0.184
	P-value		0.621	0.117	0.848	0.991	0.565	0.556	0.591	0.078	0.385	0.201
BMI	R	-0.132	1	-0.145	-0.153	-0.218	-0.155	-0.256	-0.185	0.150	-.353*	-0.175
	P-value	0.360		0.315	0.288	0.128	0.283	0.073	0.197	0.300	0.012	0.225
SBP	R	-0.090	0.138	1	.719**	0.186	-0.074	0.150	-0.147	0.199	0.156	-0.04
	P-value	0.532	0.34		0.000	0.196	0.61	0.300	0.309	0.166	0.279	0.782
DBP	R	0.009	0.112	0.056	1	0.114	0.096	0.103	0.12	-0.029	0.186	0.157
	P-value	0.951	0.439	0.697		0.429	0.507	0.475	0.408	0.842	0.196	0.276
TC	R	0.196	-0.257	0.055	0.009	1	0.075	.871**	-0.099	.496**	.875**	-0.059
	P-value	0.173	0.071	0.706	0.949		0.604	0.000	0.495	0.000	0.000	0.684
TG	R	0.108	-0.187	0.161	0.005	.404**	1	-0.243	.364**	-0.227	0.213	.711**
	P-value	0.454	0.193	0.264	0.975	0.004		0.09	0.009	0.113	0.138	0.000
LDL	R	0.117	0.006	-0.019	0.067	-0.138	0.004	1	-0.186	0.22	.865**	-0.134
	P-value	0.417	0.966	0.897	0.642	0.341	0.978		0.197	0.125	0.000	0.354
VLDL	R	0.110	-0.193	0.159	-0.004	.407**	.999**	0	1	-0.181	-0.028	.300*
	P-value	0.445	0.179	0.271	0.98	0.003	0	0.998		0.209	0.846	0.034
HDL	R	-0.013	-0.127	0.126	0.001	0.156	0.005	-0.044	0.001	1	0.096	-.508**
	P-value	0.930	0.379	0.382	0.993	0.279	0.974	0.763	0.996		0.506	0.000
Non-HDL	R	0.153	-0.18	0.001	-0.025	.899**	.386**	-0.101	.391**	-0.258	1	0.174
	P-value	0.288	0.212	0.995	0.864	0.000	0.006	0.485	0.005	0.07		0.228
TG/HDL	R	0.053	-0.04	0.141	0.082	0.163	.791**	-0.001	.792**	-.543**	.378**	1
	P-value	0.715	0.781	0.328	0.571	0.258	0.000	0.997	0.000	0.000	0.007	