

S2 Table. SEM Model 2 estimates

Factors/variables		β	β std	S.E	p-value
Family History	AC1	-0.021	-0.05	0.053	0.698
	AA1	-0.084	-0.104	0.094	0.369
	AA2	0.001	0.004	0.038	0.973
	AC2	0.028	0.042	0.09	0.753
	AC3	0.077	0.15	0.074	0.3
	AC4	0.106	0.182	0.09	0.238
	DadFHOB	0.949	0.453	0.345	0.006
	IndFHOB	1.282	0.476	0.458	0.005
	MomFHOB	1	0.429		
	OB	0.14	0.324	0.063	0.027
AA1	INFL	-0.705	-0.3	0.368	0.055
	ARG	1	0.833		
	GLY	0.313	0.528	0.047	<0.001
	LEU	0.801	0.976	0.05	<0.001
	PHE	0.796	0.897	0.058	<0.001
	VAL	0.582	0.878	0.055	<0.001
AA2	ALA	1.241	0.807	0.191	<0.001
	CIT	1	0.543		
	Fatty Liver	0.323	0.208	0.281	0.25
	Matsuda Index	-1.61	-0.367	0.529	0.002
	MET	0.828	0.519	0.168	<0.001
	OB	0.36	0.273	0.222	0.104
	ORN	1.973	0.784	0.308	<0.001
	PRO	1.446	0.634	0.255	<0.001
	TYR	1.553	0.883	0.229	<0.001
AC1	AA2	0.372	0.475	0.093	<0.001
	AA1	0.692	0.355	0.178	<0.001
	C2	2.432	0.82	0.35	<0.001
	C3	2.233	0.967	0.324	<0.001
	C4	1	0.556		
	INFL	1.49	0.326	0.6	0.013
	Matsuda Index	0.362	0.105	0.312	0.247
AC2	AA2	-0.096	-0.197	0.084	0.252

	AA1	-0.088	-0.072	0.195	0.654
	C10	1.26	0.834	0.136	<0.001
	C10:1	0.603	0.711	0.074	<0.001
	C10:2	0.318	0.31	0.091	<0.001
	C12	0.902	0.853	0.095	<0.001
	C12:1	0.668	0.815	0.074	<0.001
	C14	0.692	0.532	0.116	<0.001
	C14:1	0.854	0.865	0.09	<0.001
	C14:2	1	0.699		
	C5	0.584	0.478	0.106	<0.001
	C6	0.557	0.459	0.108	<0.001
	C8	1.076	0.689	0.139	<0.001
	Fatty Liver	-0.696	-0.921	0.441	0.114
	INFL	-0.194	-0.068	0.471	0.68
	OB	-0.492	-0.767	0.36	0.171
AC3	AA2	0.47	0.732	0.351	0.18
	AA1	1.192	0.748	0.767	0.121
	C0	0.694	0.594	0.1	<0.001
	C16	1	0.766		
	C16:1	1.048	0.261	0.35	0.003
	C18:1	1.28	0.869	0.124	<0.001
	C18:2	1.156	0.665	0.149	<0.001
	Fatty Liver	3.506	3.524	1.395	0.012
	OB	2.903	3.436	1.2	0.016
AC4	AA2	-0.137	-0.244	0.265	0.606
	AA1	-0.373	-0.268	0.583	0.523
	C18	1	0.654		
	C18:1OH	3.779	0.273	1.308	0.004
	Fatty Liver	-2.523	-2.91	1.033	0.015
	Matsuda Index	0.428	0.175	0.231	0.064
	OB	-2.142	-2.91	0.91	0.019
Obesity	INFL	5.245	1.184	2.842	0.065
	Abd_circunf	0.905	0.811	0.114	<0.001
	BMI	1.26	0.922	0.146	<0.001
	FAT	1	0.644		

	PCR	3.669	0.907	1.262	0.004
FATTY LIVER	INFL	-4.918	-1.307	2.53	0.052
	ALT	1	0.448		
	AST	0.339	0.258	0.083	<0.001
	Matsuda Index	-1.048	-0.371	0.311	<0.001
	NAFLD	3.405	0.752	0.673	<0.001
	PCR	-0.929	-0.271	1.043	0.373
INFL	IL-6	0.581	0.442	0.219	0.008
	TNFa	1	0.749		