

S1 Table: Baseline MANOVA output for influence of age and sex on metabolite profiles

Variable	F value	Hypothesis/Total df	Error df	Partial Eta- squared	p-value
Intercept	0	64	16	0	1.000
Age	1.259	64	16	0.834	0.314
Sex	2.736	64	16	0.916	0.014
Age * Sex	0.619	64	16	0.712	0.910

Equation: Intercept + Age + Sex + Age * Sex

Model to obtain residuals					
Variable	F value	Hypothesis/Total df	Error df	Partial Eta- squared	p-value
Intercept	1.066	64	18	0.791	0.462
Age	1.133	64	18	0.801	0.400

Equation: Intercept + Age

df, degrees of freedom.