OSM Table 1 Change in plasma lipid concentrations after dietary interventions

Phenotype	HS		LF		P diet x gene
	Pro/Pro	Pro/Ala + Ala/Ala	Pro/Pro	Pro/Ala + Ala/Ala	
	(n = 47)	(n =7)	(n = 102)	(n = 37)	
Total cholesterol	-0.04 (-0.2,0.1)	-0.04 (-0.5,0.4)	-0.4 (-0.5,-0.3)	-0.5 (-0.7,-0.6)	0.72
Triglycerides	0.04 (-0.04,0.11)	-0.07 (-0.31,0.16)	-0.01 (-0.06,0.04)	-0.06 (-0.16,0.05)	0.69
LDL cholesterol	-0.03 (-0.2,0.10)	0.1 (-0.3,0.5)	-0.3 (-0.4,-0.2)	-0.3 (-0.4,-0.1)	0.60

Phenotype	HM		LF		P diet x gene
	Pro/Pro	Pro/Ala + Ala/Ala	Pro/Pro	Pro/Ala + Ala/Ala	
	(n = 109)	(n =20)	(n = 102)	(n = 37)	
Total cholesterol	-0.3 (-0.4,-0.2)	-0.4 (-0.6,-0.1)	-0.4 (-0.5,-0.3)	-0.5 (-0.6,-0.3)	0.74
Triglycerides	-0.01 (-0.06,0.04)	0.00 (-0.14,0.14)	-0.01 (-0.06,0.04)	-0.06 (-0.15,0.04)	0.43
LDL cholesterol	-0.3 (-0.4,-0.2)	-0.3 (-0.6,-0.1)	-0.3 (-0.4,-0.2)	-0.3 (-0.4,-0.1)	0.94

Change in mean plasma total cholesterol and LDL-cholesterol and mean log triglyceride concentrations (95% CI) (mmol/L) after dietary interventions, stratified by *PPARG* Pro12Ala genotype are shown. *P*-values for pairwise comparisons adjusted for change in BMI, age and gender. HS High saturated fat diet, HM High MUFA diet, LF low fat diet.