

Table 3. Association of serum adiponectin, VAT and SAT adiponectin mRNA expression levels with metabolic risk factors (TG, TC and HDL) by multiple linear regression analysis after adjustment for age and BMI

Independent variables	TG			TC			HDL		
	B	95% CI	p value	B	95% CI	p value	B	95% CI	p value
*Serum adiponectin	-0.01	-0.02 to 0.00	0.103	0.00	-0.02 to 0.02	0.855	0.00	-0.00 to 0.01	0.222
**Serum adiponectin + BMI	-0.00	-0.01 to 0.01	0.515	0.01	-0.01 to 0.02	0.596	0.00	-0.00 to 0.01	0.619
*VAT mRNA	-0.54	-0.85 to -0.23	0.001	-0.22	-0.69 to 0.25	0.357	0.25	0.09 to 0.41	0.003
**VAT mRNA + BMI	-0.34	-0.64 to -0.04	0.027	-0.13	-0.63 to 0.37	0.607	0.18	0.01 to 0.34	0.034
*SAT mRNA	-1.11	-1.91 to -0.31	0.007	-0.40	-1.59 to 0.78	0.497	-0.01	-0.44 to 0.42	0.960
**SAT mRNA + BMI	-0.53	-1.30 to 0.24	0.176	-0.14	-1.41 to 1.13	0.822	-0.29	-0.71 to 0.14	0.182

*- unadjusted with BMI (adjusted with **age**), **- adjusted with age and BMI, ^{ns}p>0.05- VAT vs. SAT
 BMI: body mass index, VAT: visceral adipose tissue, SAT: subcutaneous adipose tissue.