

Supplementary Tables

Table S1. Regression output of PA-aIMT on waist circumference (GLMM)

Parameter	B	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.569849	.082147	3856	31.284	.000	2.408794	2.730904
Waist	.006488	.000639	3856	10.157	.000	.005236	.007740
Triglycerides	-.000366	.000138	3856	-2.662	.008	-.000636	-9.653928E-5
HDL-C (mg/dL)	-.001811	.000645	3856	-2.807	.005	-.003075	-.000546

GLMM= Generalized linear mixed model; HDL-C = High density lipoprotein cholesterol; PA-aIMT = Proximal ascending aortic intima-media thickness.

Table S2. Regression output of PA-aIMT on waist/height ration (GLMM)

Parameter	B	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.517650	.085087	3895	29.589	.000	2.350831	2.684470
WHtR	1.117252	.108062	3895	10.339	.000	.905389	1.329115
[Sex=0]	.082614	.020013	3895	4.128	.000	.043376	.121852
[Sex=1]	0	0
Triglycerides	-.000395	.000138	3895	-2.860	.004	-.000665	-.000124
HDL-C (mg/dL)	-.001593	.000665	3895	-2.396	.017	-.002897	-.000289

GLMM= Generalized linear mixed model; HDL-C = High density lipoprotein cholesterol; PA-aIMT = Proximal ascending aortic intima-media thickness; WHtR = Waist-to-height ratio. (Male = 0)

Table S3. Regression output of PA-aIMT on subcutaneous adipose tissue (linear regression model)

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
Constant	3.095	.078		39.753	.000
Subcutaneous Adipose Tissue (cm ³)	8.468E-5	.000	.140	4.235	.000
Sex	-.121	.043	-.099	-2.837	.005
HDL-C (mg/dL)	-.003	.001	-.070	-2.245	.025

HDL-C = High density lipoprotein cholesterol; PA-aIMT = Proximal ascending aortic intima-media thickness

Table S4. Regression output of PA-aIMT on visceral adipose tissue (linear regression model)

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
Constant	3.155	.085		36.979	.000
Visceral Adipose Tissue (cm ³)	.00011	.000	.065	2.169	.030
HDL-C (mg/dL)	-.00345	.001	-.082	-2.740	.006

HDL-C = High density lipoprotein cholesterol; PA-aIMT = Proximal ascending aortic intima-media thickness