

Supplementary Table 1 — Multiple regression analyses evaluating the association between maximal ACh-stimulated FBF, anthropometric and metabolic variables and myocardial MEEi as dependent variable. HDL-C: high-density lipoprotein- cholesterol, hsCRP: high sensitivity C reactive protein, Ach: acetylcholine, FBF: forearm blood flow.

Multiple linear regression model	<i>R</i>	<i>R</i>²	<i>SE</i>	<i>P value</i>
Model 2: age, sex, smoking status, waist circumference, total cholesterol, HDL, triglycerides, glucose tolerance status, HOMA-IR, hsCRP and ACh-stimulated FBF at 30 $\mu\text{g}/\text{mL}^{-1} \times \text{min}^{-1}$	0.298	0.08	0.09	0.08
Covariates	Standardized Coefficient β	SE	<i>P value</i>	VIF
ACh-stimulated FBF at 30 $\mu\text{g}/\text{mL}^{-1} \times \text{min}^{-1}$	0.19	0.001	0.02	1.53
hsCRP (mg/l)	0.03	0.010	0.62	1.08
Glucose tolerance status (NGT/IFG/IGT/type 2 diabetes)	-0.13	0.006	0.08	1.31
HOMA-IR index	-0.61	0.013	0.46	1.45
Smoking status (never smokers/current smokers/ex-smokers)	0.09	0.008	0.21	1.22
Gender (men/women)	-0.03	0.015	0.62	1.35
Age (yr)	0.12	0.001	0.10	1.25
Waist circumference (cm)	-0.005	0.001	0.94	1.16
Total cholesterol (mg/dl)	0.01	0.001	0.82	1.05
HDL (mg/dl)	-0.01	0.001	0.79	1.18
Triglycerides (mg/dl)	0.33	0.001	0.65	1.16