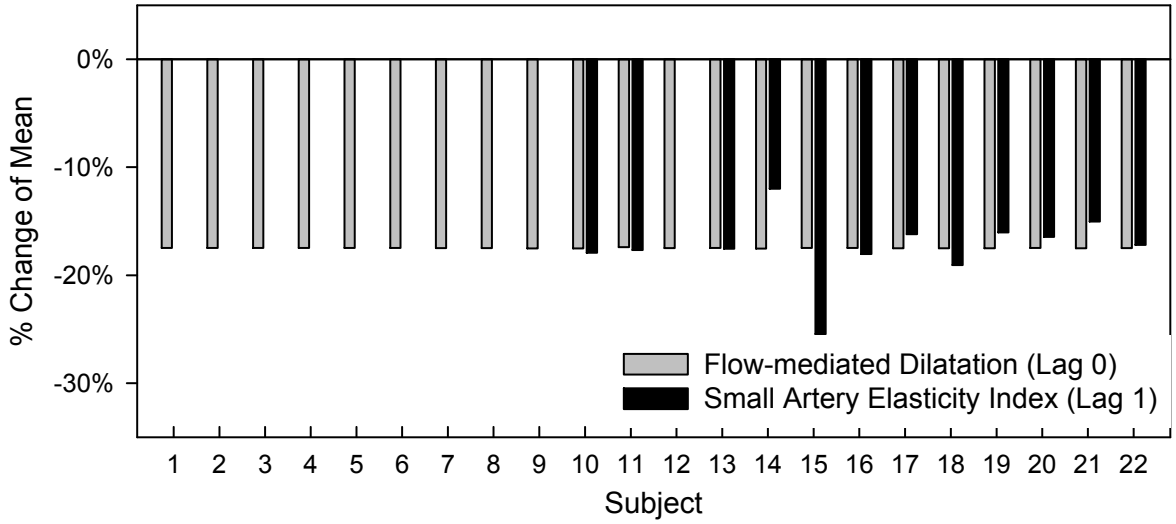
Supplemental Material, Table 1. Median Within-patient Spearman Correlation for All Variables Involved in the Statistical Modeling Process.

	FMD[a]	NTGMD[a]	LAEI[a]	SAEI[a]	SVR[a]	$PM_{2.5}$[a]	Temp. [a]	Rel. hum. [a]	Bar. press.[a]
FMD[a]	1	0.09	0.06	-0.17	0.40	-0.44	0.25	0.38	0.02
NTGMD[a]		1	0.00	0.21	-0.43	0.31	0.27	-0.02	-0.52
LAEI[a]			1	0.04	-0.40	-0.18	0.49	0.15	-0.36
SAEI[a]				1	-0.66	0.11	-0.07	0.24	-0.09
SVR[a]					1	-0.23	-0.48	0.14	0.35
$PM_{2.5}$[a]						1	0.77	-0.42	0.38
Temp.[a]							1	-0.26	0.03
Rel. hum.[a]								1	-0.76
Bar. press.[a]									1

Brachial artery ultrasound measurements (FMD, NTGMD): n=22 participants
Pulsewave measurements (LAEI, SAEI, SVR): n=13 participants (for SAEI only n=12)

[a] FMD: flow-mediated dilatation
NTGMD: nitroglycerin-mediated dilatation
LAEI: large artery elasticity index
SAEI: small artery elasticity index
SVR: systemic vascular resistance
$PM_{2.5}$: particulate matter with aerodynamique diameter < 2.5µm
Temp.: air temperature
Rel. hum.: relative humidity
Bar. press.: barometric pressure

Supplemental Material, Figure 1. Participant-specific Associations of FMD and SAEI per 10 μg/m³ increment in $PM_{2.5}$.



Changes in FMD are for lag 0 and changes in SAEI are for lag 1.
P-values for heterogeneity were p=1.0 for FMD and p=0.4 for SAEI.