

**Supplemental Material**  
**Brachial Artery Responses to Ambient Pollution,  
Temperature, and Humidity in People with Type 2  
Diabetes: A Repeated-Measures Study**

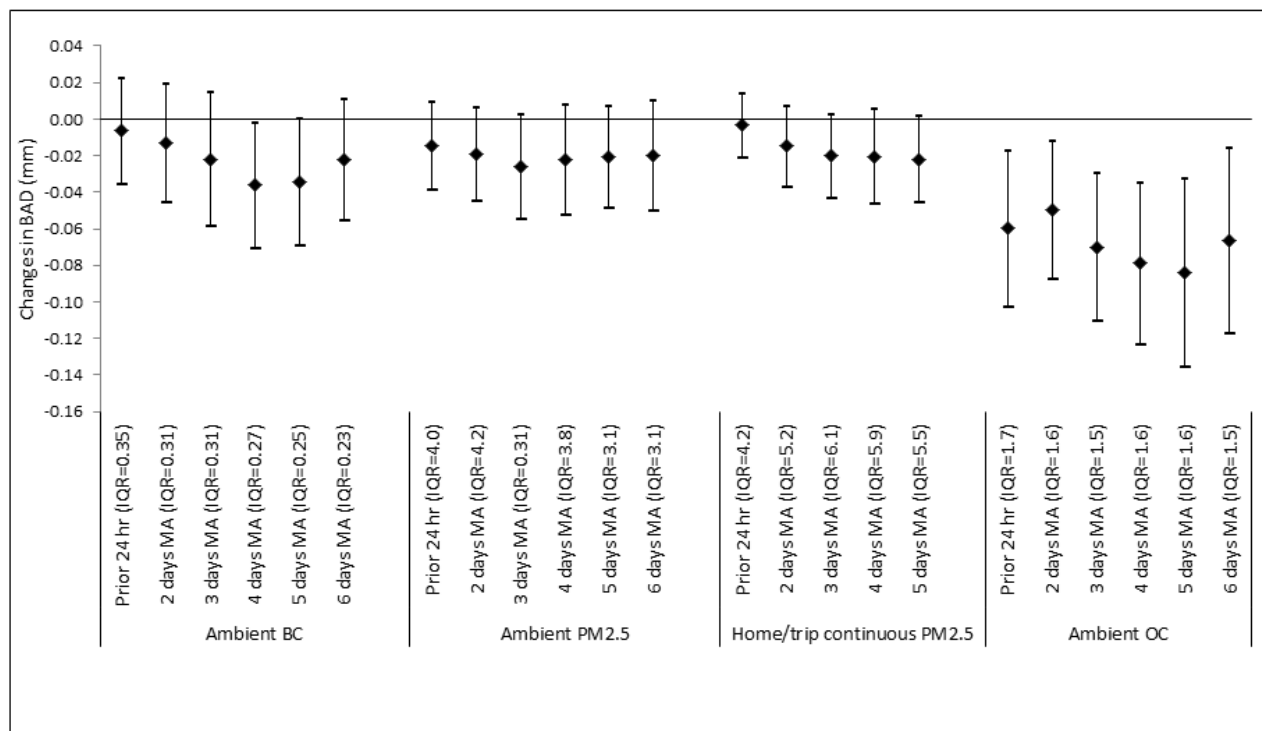
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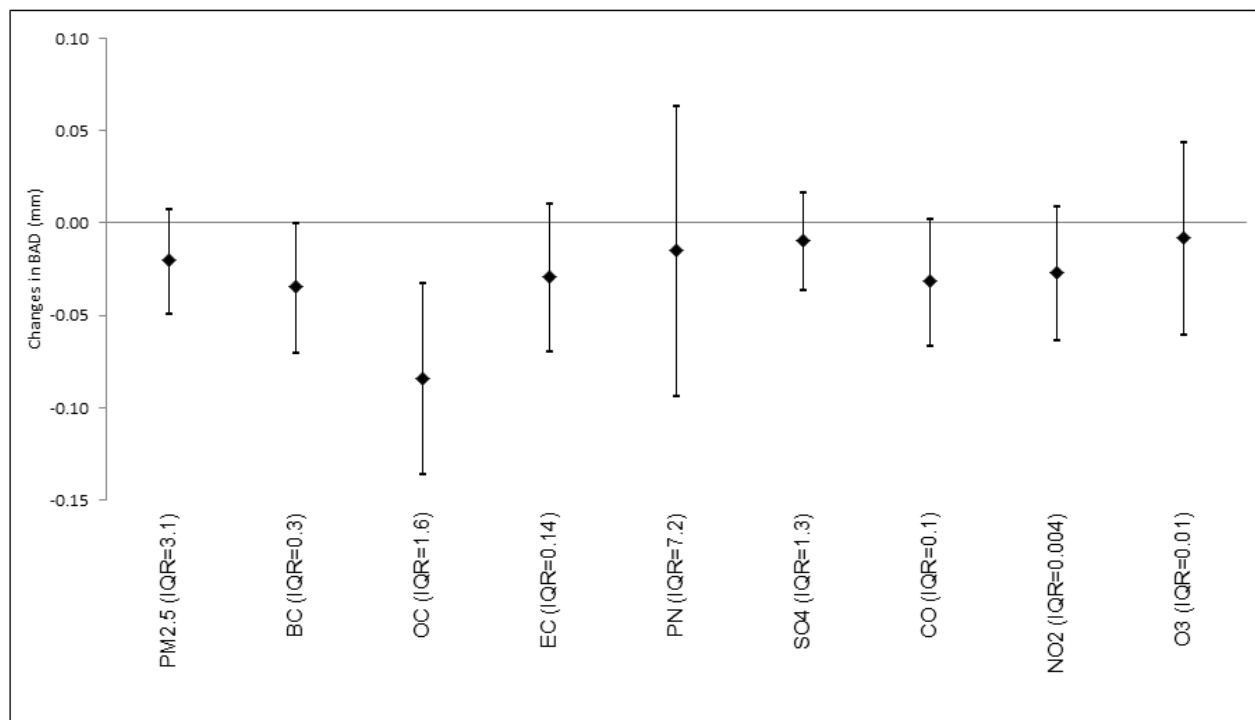
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**Supplemental Material, Table S1.** Correlations among the pollutants and meteorological variables.

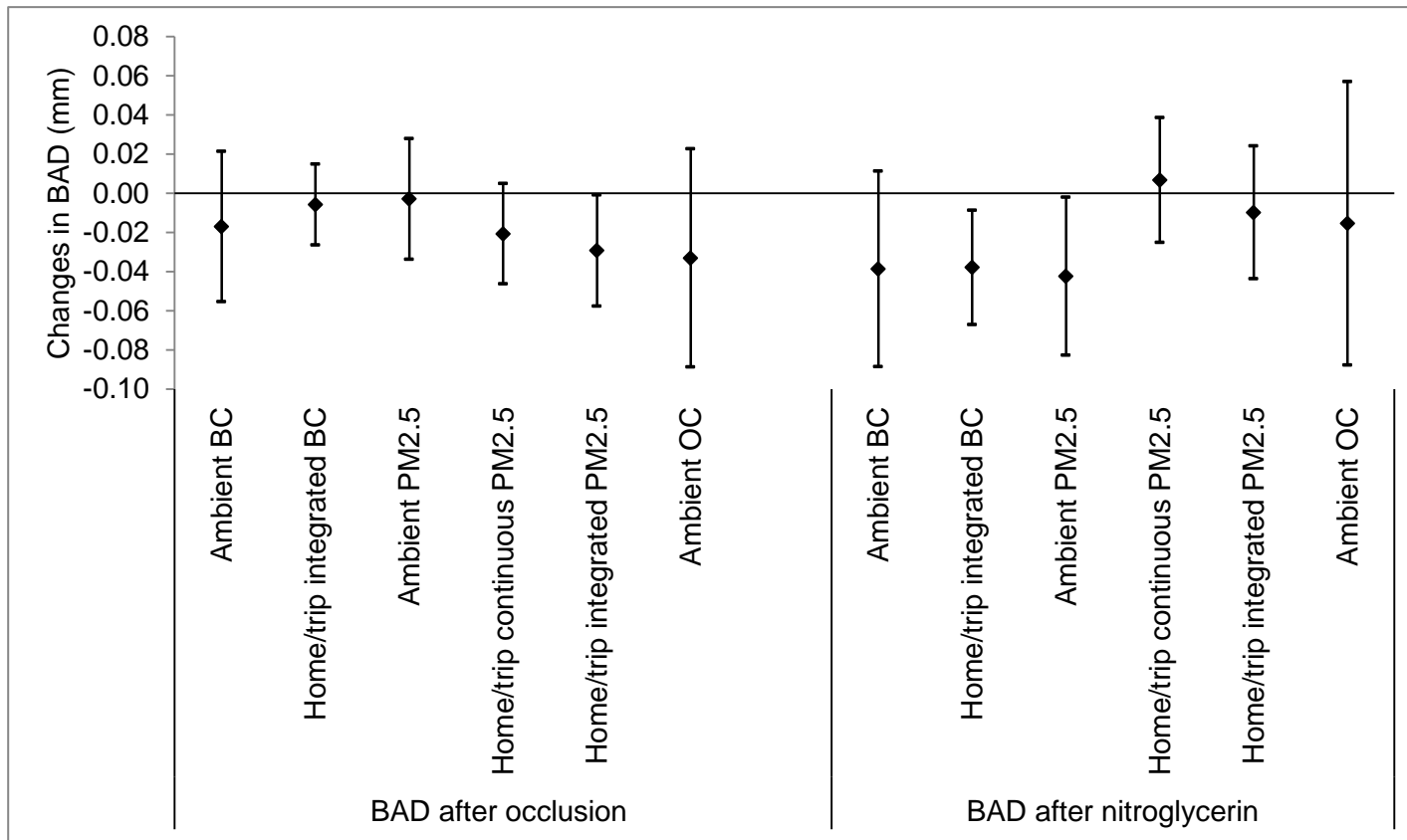
	Ambient PM <sub>2.5</sub> (µg/m <sup>3</sup> )	Indoor continuous PM <sub>2.5</sub> (µg/m <sup>3</sup> )	Home/trip integrated PM <sub>2.5</sub> (µg/m <sup>3</sup> )	Ambient BC (µg/m <sup>3</sup> )	Home/trip integrated BC (µg/m <sup>3</sup> )	OC (µg/m <sup>3</sup> )	EC (µg/m <sup>3</sup> )	PN (1000/cm <sup>3</sup> )	SO <sub>4</sub> (µg/m <sup>3</sup> )	CO (ppm)	NO <sub>2</sub> (ppm)	O <sub>3</sub> (ppm)	Temperature (°C)	Water vapor pressure (hPa)
Ambient PM <sub>2.5</sub> (µg/m <sup>3</sup> )	1	0.39	0.12	0.65	0.08	0.54	0.55	-0.16	0.76	0.34	0.35	0.36	0.32	0.42
Indoor continuous PM <sub>2.5</sub> (µg/m <sup>3</sup> )		1	0.44	0.42	0.14	0.24	0.32	0.05	0.47	0.34	0.27	0.00	0.11	0.19
Home/trip integrated PM <sub>2.5</sub> (µg/m <sup>3</sup> )			1	0.18	0.49	0.07	0.13	0.11	0.13	0.10	0.18	-0.17	0.05	0.06
Ambient BC (µg/m <sup>3</sup> )				1	0.20	0.50	0.86	0.05	0.52	0.52	0.53	-0.07	0.27	0.37
Home/trip integrated BC (µg/m <sup>3</sup> )					1	0.06	0.07	0.16	0.07	0.07	0.21	-0.19	-0.07	-0.09
OC (µg/m <sup>3</sup> )						1	0.55	-0.15	0.43	0.32	0.30	0.26	0.25	0.22
EC (µg/m <sup>3</sup> )							1	0.06	0.53	0.45	0.53	-0.05	0.26	0.35
PN (1000/cm <sup>3</sup> )								1	-0.27	0.25	0.56	-0.39	-0.76	-0.72
SO <sub>4</sub> (µg/m <sup>3</sup> )									1	0.22	0.20	0.33	0.33	0.45
CO (ppm)										1	0.58	-0.05	-0.10	0.00
NO <sub>2</sub> (ppm)											1	-0.26	-0.34	-0.33
O <sub>3</sub> (ppm)												1	0.35	0.27
Temperature (°C)													1	0.88
Water vapor pressure (hPa)														1



**Supplemental Material, Figure S1.** Change in mm (95% CI) in brachial artery diameter (BAD) before occlusion for an IQR increase in the prior 24 hours and for moving averages (MA) over the 2- to 6-days before the study visit of each pollutant.



**Supplemental Material, Figure S2.** Change in mm (95% CI) in brachial artery diameter (BAD) before occlusion for IQR increases in 5-day mean concentrations of each pollutant prior to the study visit.



**Supplemental Material, Figure S3.** Change in mm (95% CI) in brachial artery diameter (BAD) after occlusion and after sublingual nitroglycerin for an IQR increase in 5-day mean concentrations of each pollutant prior to the study visit.