

S1 Table. Pearson’s correlation analysis for air pollutants at baseline from July 1, 1993 to December 31, 2013

	SO ₂	O ₃	CO	CO ₂	NO _x	NO	NO ₂	PM ₁₀	PM _{2.5}	THC	NMHC	CH ₄
SO ₂	1	-0.069 [†]	0.379 [†]	0.306 [†]	0.378 [†]	0.264 [†]	0.007 [†]	0.384 [†]	0.484 [†]	0.257 [†]	0.294 [†]	0.124 [†]
O ₃		1	-0.247 [†]	-0.178 [†]	-0.346 [†]	-0.399 [†]	-0.001	0.221 [†]	0.268 [†]	-0.103 [†]	-0.184 [†]	-0.010 [†]
CO			1	0.378 [†]	0.911 [†]	0.863 [†]	0.750 [†]	0.343 [†]	0.383 [†]	0.717 [†]	0.850 [†]	0.303 [†]
CO ₂				1	0.451 [†]	0.342 [†]	0.465 [†]	0.425 [†]	0.528 [†]	0.434 [†]	0.532 [†]	0.176 [†]
NO _x					1	0.935 [†]	0.010 [†]	0.351 [†]	0.323 [†]	0.686 [†]	0.826 [†]	0.277 [†]
NO						1	0.007 [†]	0.180 [†]	0.134 [†]	0.612 [†]	0.779 [†]	0.203 [†]
NO ₂							1	0.007 [†]	0.519 [†]	0.006 [†]	0.006 [†]	0.347 [†]
PM ₁₀								1	0.859 [†]	0.334 [†]	0.307 [†]	0.235 [†]
PM _{2.5}									1	0.363 [†]	0.284 [†]	0.321 [†]
THC										1	0.828 [†]	0.799 [†]
NMHC											1	0.335 [†]
CH ₄												1

SO₂, sulfur dioxide; O₃, ozone; CO, carbon monoxide; CO₂, carbon dioxide; NO_x, nitrogen oxides; NO, nitrogen monoxide; NO₂, nitrogen dioxide; PM₁₀, fine particulate matter < 10 µm in size; PM_{2.5}, fine particulate matter < 2.5 µm in size; THC, total hydrocarbons; NMHC, nonmethane hydrocarbons; CH₄, methane.

[†]Correlation significant at the 0.01 level (two-tailed).

Correlation coefficient values of <0.3 denote a low strength of correlation, which qualified as the controlling pollutant in multiple-pollutant models of targeted pollutants.