

**Table S1 Pearson correlation matrix of air pollutants and temperature in Taipei and Kaohsiung**

<b>Taipei</b>	<b>PM<sub>2.5</sub></b>	<b>PM<sub>10</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>2</sub></b>	<b>O<sub>3</sub></b>	<b>Temperature</b>
PM <sub>2.5</sub>	1					
PM <sub>10</sub>	0.858**	1				
SO <sub>2</sub>	0.545**	0.548**	1			
NO <sub>2</sub>	0.492**	0.460**	0.461**	1		
O <sub>3</sub>	0.367**	0.356**	0.072**	-0.039**	1	
Temperature	-0.105**	-0.163**	0.001	-0.245**	-0.064**	1

  

<b>Kaohsiung</b>	<b>PM<sub>2.5</sub></b>	<b>PM<sub>10</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>2</sub></b>	<b>O<sub>3</sub></b>	<b>Temperature</b>
PM <sub>2.5</sub>	1					
PM <sub>10</sub>	0.855**	1				
SO <sub>2</sub>	0.443**	0.525**	1			
NO <sub>2</sub>	0.768**	0.767**	0.705**	1		
O <sub>3</sub>	0.372**	0.368**	-0.020	0.052**	1	
Temperature	-0.518**	-0.557**	-0.488**	-0.748**	0.136**	1

Note:\*\*p-value &lt;0.01