Appendix 2: Pearson correlation coefficients between daily concentrations of air pollutants, temperature and relative humidity in Calgary between 1999 and 2006

Variable*	Sulfur dioxide	Nitrogen dioxide	Carbon monoxide	Ozone	$PM_{2.5}$	PM_{10}	Temperature	Relative humidity
Sulfur dioxide	1	0.539	0.604	−0.253	0.256	0.250	−0.221	−0.077
Nitrogen dioxide	–	1	0.816	−0.412	0.332	0.423	−0.520	−0.025†
Carbon monoxide	–	–	1	−0.409	0.343	0.418	−0.318	0.003†
Ozone	–	–	–	1	0.021†	0.091	0.575	−0.485
$PM_{2.5}$	–	–	–	–	1	0.645	0.031†	0.056
PM_{10}	–	–	–	–	–	1	0.174	−0.250
Temperature	–	–	–	–	–	–	1	−0.381
Relative humidity	–	–	–	–	–	–	–	1

Note: $PM_{2.5}$ = particulate matter < 2.5 μ in diameter, PM_{10} = particulate matter < 10 μ in diameter.
*The daily maximum was determined for ozone; daily means were determined for the other pollutants.
†p value = not significant.