

Supplementary Materials

Supplementary S1: Q-AIC value for seasonal and long-term trend control.

df	Hospital Admission
3	48471.77
4	47362.45
5	46038.78
6	44980.31
7	43641.34

Supplementary S2: Q-AIC value for the best combination of degree of freedom (*df*) between air pollutants and lag with 7 *df* of seasonal and long-term trend control for respiratory admissions.

<i>df</i> of PM ₁₀	<i>df</i> of lag					
	2	3	4	5	6	7
3	52826.04	48471.77	47362.45	46038.78	44980.31	43641.34
4	52848.11	48501.1	47393.19	46063.34	44990.57	43658.68
5	52830.09	48465.01	47360.43	46050.05	44972.27	43660.04
6	52872.42	48502.11	47397.16	46085.91	45003.38	43690.95
7	52914.98	48540.84	47435.09	46121.73	45037.7	43723.85

Supplementary S3: The cumulative relative according to respiratory diseases

