

SUPPLEMENTARY MATERIAL

We present the parameter estimates table for the final model below:

Table S1 Parameter estimates for the final spatial moving average (SMA) model

Model Parameter	Parameter Estimate	Standard Error	P-value
Intercept	16.813	13.171	0.20
Cig/Alcohol Expenditure	2.426	1.479	0.10
Age>65 %	2.994	0.341	<0.0001
Nitrogen Dioxide	0.121	0.061	0.046
Temperature	-1.489	0.391	0.0001
Lemon Consumption	-1.809	0.908	0.046
_lambda	-13.221	4.261	0.0019
_sigma2	72.026	11.938	<0.0001