

Table S1. Sensitivity analysis on excess mortality due to the severe smog events declared as the red-alert periods (8–12 and 19–22 December 2015) in the whole Beijing city.

	Reference I		Reference II	
	Δ Mortality	95% CI	Δ Mortality	95% CI
<i>December 8-12, 2015</i>				
All-cause mortality				
Guo, 2013	45	11-80	42	10-74
Li, 2014	71	50-93	67	47-87
Li, 2015	48	31-70	44	29-65
CVD mortality				
Dong, 2013	58	5-110	54	5-103
Li, 2015	24	12-35	22	11-33
RESP mortality				
Li, 2013	27	21-33	26	20-31
Li, 2015	6	0-13	6	0-12
<i>December 19-22, 2015</i>				
All-cause mortality				
Guo, 2013	68	17-122	59	14-105
Li, 2014	109	77-143	94	66-122
Li, 2015	73	47-107	62	40-91
CVD mortality				
Dong, 2013	89	8-169	76	7-144
Li, 2015	36	18-53	31	16-46
Respiratory mortality				
Li, 2013	42	32-51	36	28-44
Li, 2015	10	0-20	8	0-17