

## Appendix E. Moran's index using contiguity and inverse squared distance weights matrix

Table E.1 Moran's I test of SO<sub>2</sub> emissions using the contiguity weights matrix

<b>Year</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Moran's I	0.017	0.015	0.022	0.017	0.005	0.004	0.002
Z	3.631	3.275	4.608	3.708	1.477	1.323	0.928
P-value	0.000	0.001	0.000	0.000	0.040	0.018	0.035
<b>Year</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Moran's I	0.001	0.016	0.018	0.032	0.024	0.025	0.017
Z	0.796	3.461	3.825	6.297	4.943	5.022	3.683
P-value	0.026	0.001	0.000	0.000	0.000	0.000	0.000

Table E.2 Moran's I test of SO<sub>2</sub> emissions using the inverse squared distance weights matrix