Electronic supplementary material

ESM 3. Model comparison of spatial regression models

Model	AIC	-2LL	LL ratio	df	p
Spatial Durbin error model (SDEM)	1553.4	-767.72	-	-	-
Spatially-lagged X model (SLX)	1555.48	-775.50	15.56	1	**<0.0001**
Spatial error model (SEM)	1555.5	-771.74	8.04	3	**0.045**
Ordinary linear least-squares model	1569.80	-779.90	24.36	4	**<0.001**

Notes. Abbreviations: AIC = Akaike information criterion; df = degrees of freedom; LL = log-likelihood. Bold numbers indicate p values below the statistical significance threshold of 0.05.