

Appendix

Geospatial Health #736

Socioeconomic status and deaths due to unintentional injury among children: A socio-spatial analysis in Taiwan

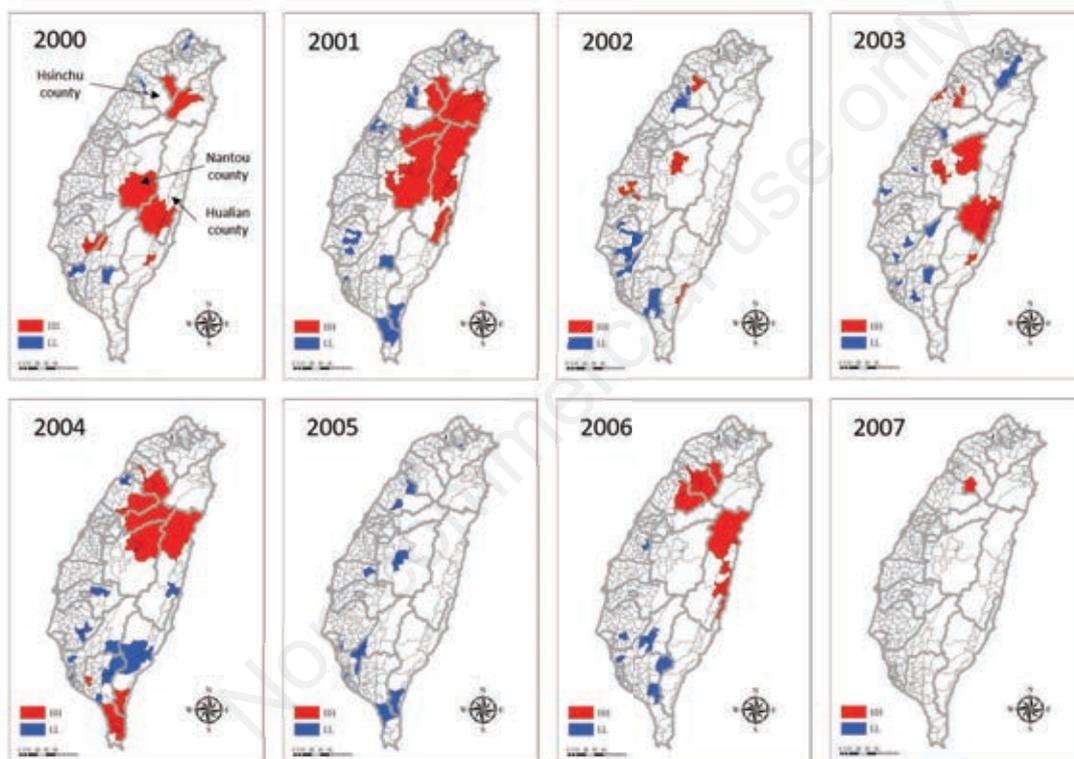


Figure A1. Set of annual cluster graphs of childhood death due to unintentional injury covering the period 2000-2007.

The Moran's I varied as follows: in 2000 - 0.0342 ($P=0.247$); B) in 2001 - 0.2253 ($P<0.01$); in 2002 - 0.1080 ($P<0.01$); in 2003 - 0.1272 ($P<0.01$); in 2004 - 0.1757 ($P<0.01$); in 2005 - 0.1411 ($P<0.01$); in 2006 - 0.1431 ($P<0.01$); in 2007 - 0.0196 ($P=0.242$).

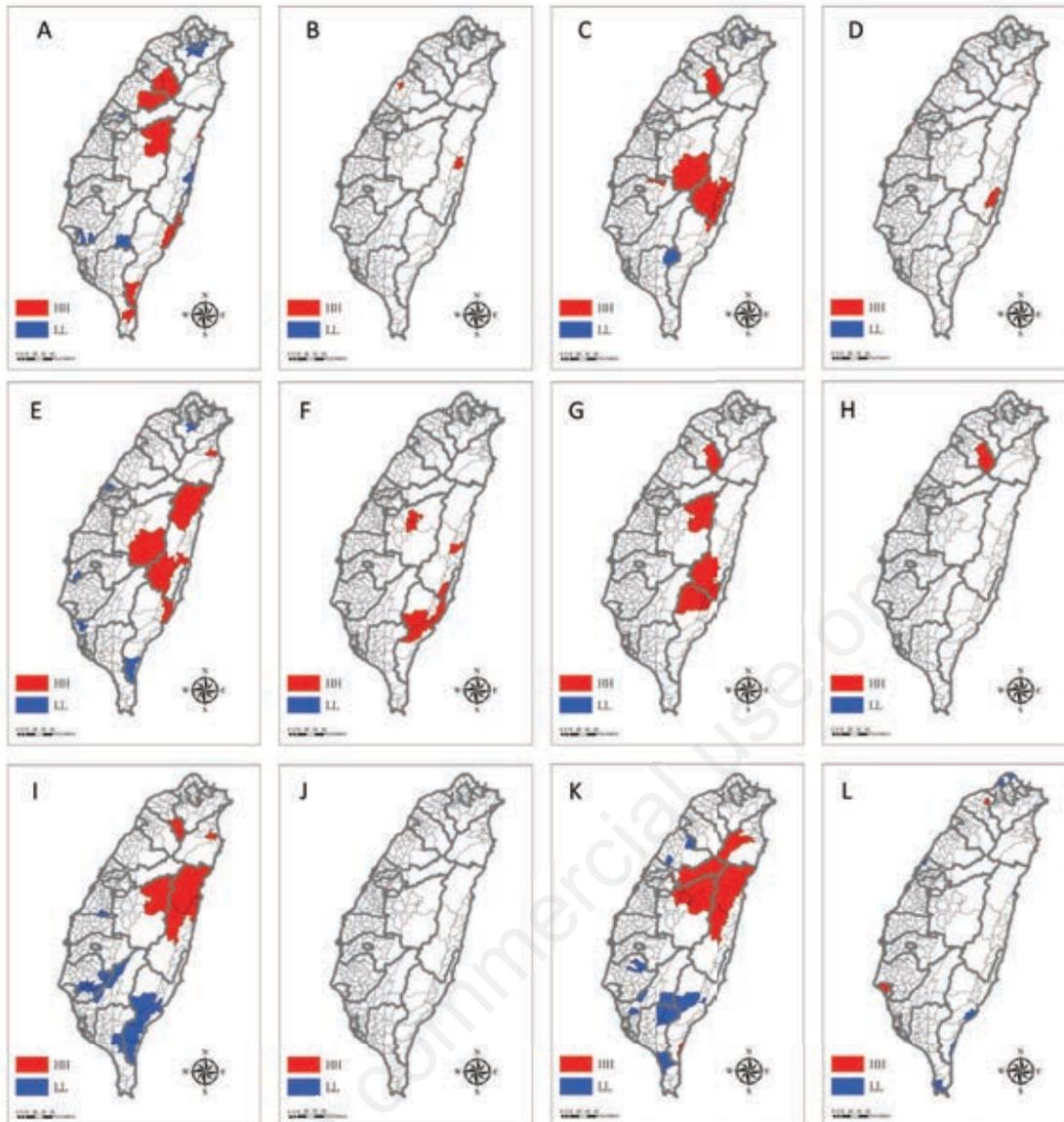


Figure A2. Cluster graph of childhood death by diagnosis, age and gender in 2000-2007
Deaths due to traffic accidents: A) Moran's I in males aged 0-4 years was 0.086 ($P=0.014$) and LISA analysis identified 11 HH regions. B) Spatial clustering did not occur in the male group aged 5-9 years. C) Moran's I in females aged 0-4 years was 0.066 ($P=0.022$) and LISA analysis identified 8 HH regions. D) Spatial clustering did not occur in the female group aged 5-9 years.

Deaths due to drowning: E) Moran's I in males ages 0-4 years was 0.088 ($P=0.003$) and LISA analysis identified 7 HH regions. F) No spatial clustering occurred in males aged 5-9 years. G) Moran's I in females aged 0-4 years was 0.1485 and LISA analysis identified 7 HH regions with significant spatial clustering. H) No spatial clustering occurred in females aged 5-9 years.

Deaths due to suffocation: I) Moran's I in males aged 0-4 years was 0.072 ($P=0.015$) and LISA analysis identified 11 HH regions. J) No spatial clustering occurred in males aged

5-9 years. K) Moran's I in females aged 0-4 years was 0.100 (P=0.005) and LISA analysis identified 9 HH regions. L) In females aged 5-9 years, the value of Moran's I was 0.093 (P=0.013) and LISA analysis identified 3 HH regions.

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