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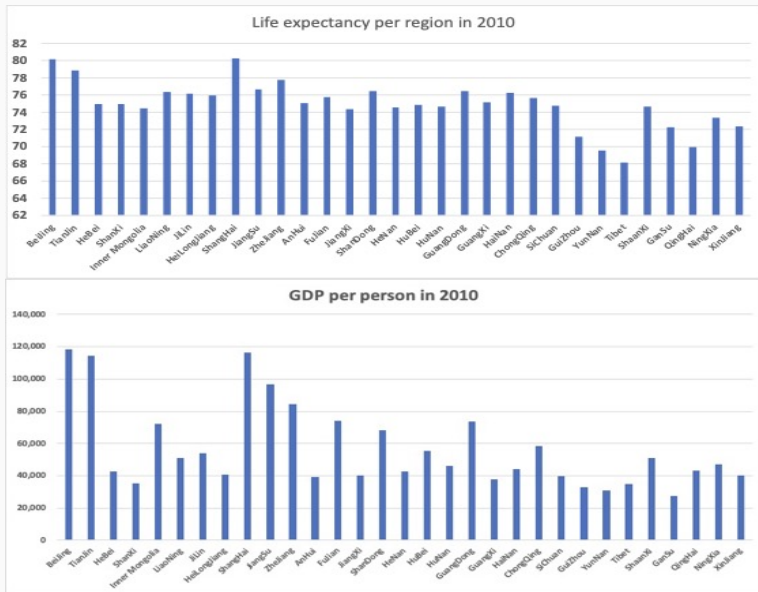
Identifying spatio-temporal mortality clusters in China

Presentation at ATRC2019

Maoqi Hu

Institute for Financial and Actuarial Mathematics

Unbalance in China

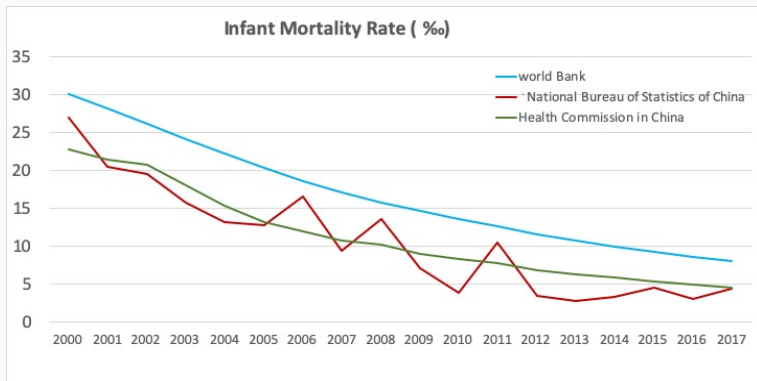


Source from National Bureau of Statistics of China

The assessment of mortality differences in China by spatial statistical tools[1][2]:

- Several statistics will be described in order to quantify the spatial relationship of mortality. For example, Standardized Mortality Ratio(SMR), Global Moran Index, etc.
- To implement a spatial panel data model to model the space dependence of these regions.

Current Research



Sensitivity analysis will be considered in the next step.

[1] [2]



Patricia Carracedo and Ana Debón.

Spatial statistical tools to assess mortality differences in europe.

In *International Congress on Acturial Science and Quantitative Finance*, pages 49–74. Springer, 2016.



Patricia Carracedo, Ana Debón, Adina Iftimi, and Francisco Montes.

Detecting spatio-temporal mortality clusters of european countries by sex and age.

International journal for equity in health, 17(1):38, 2018.

Thank you!