

Spatial Policy and Analysis Laboratory



Understanding health inequalities from a spatial planning perspective

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Where the Story
begins?



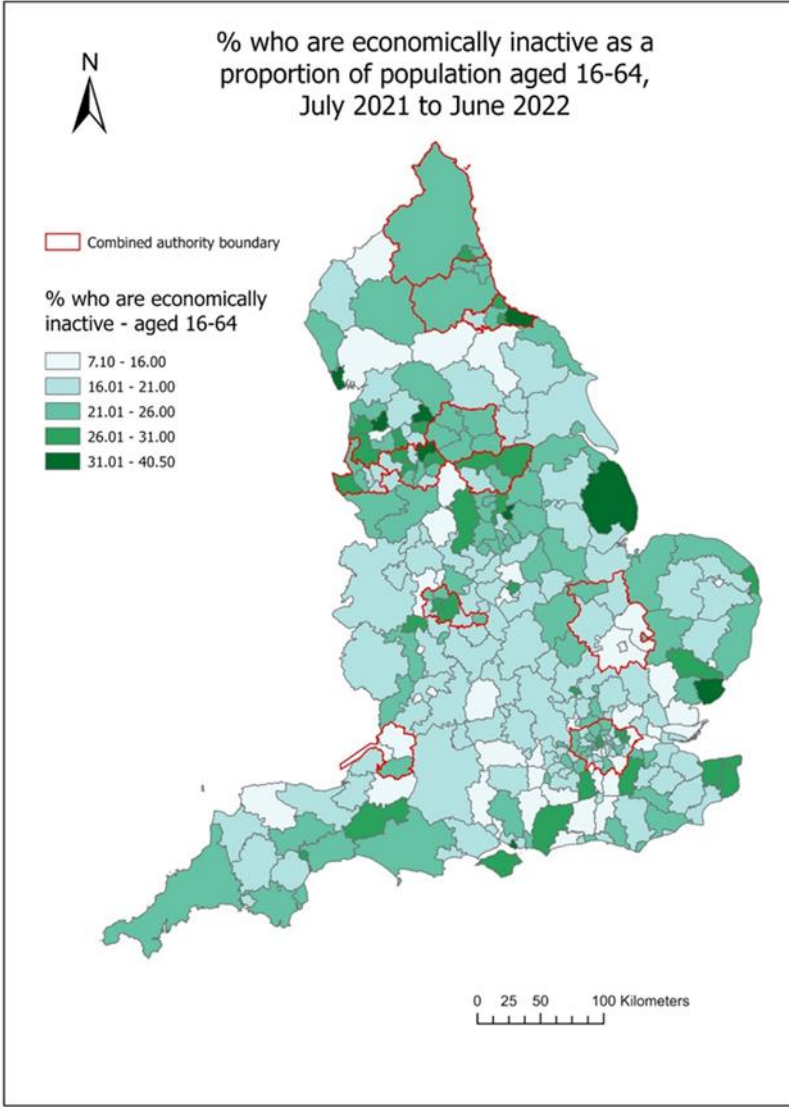
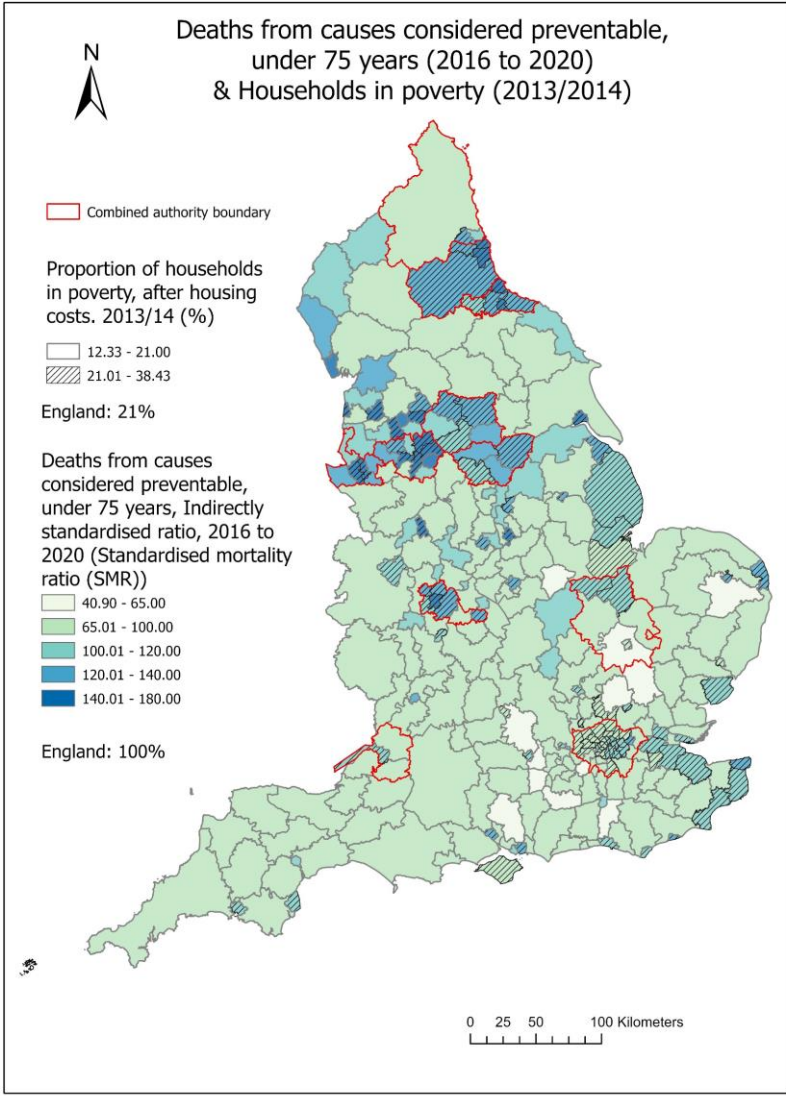
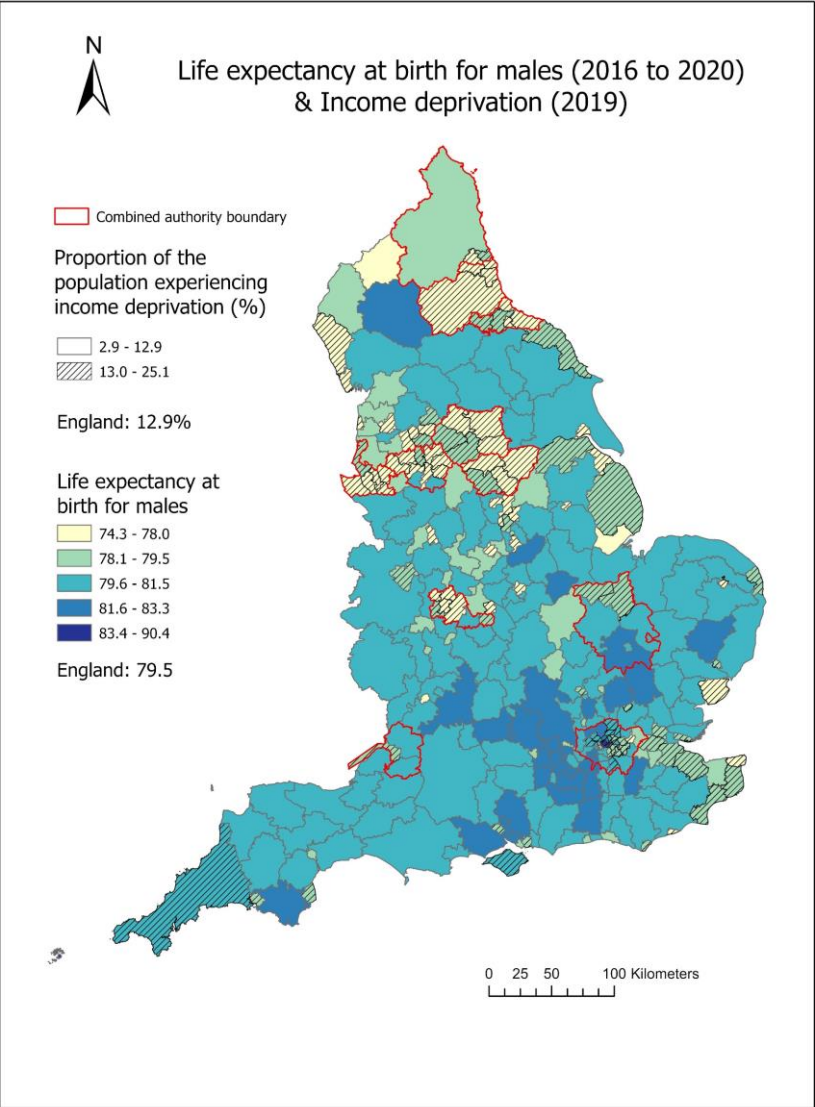
**UK2070 Commission *Go Local*:
The socio-economic landscape of combined
and local authority areas in England**

Cecilia Wong and Wei Zheng

Spatial Policy & Analysis Lab, Manchester Urban Institute,
University of Manchester

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Urban Planning: deprivation, poor environment and health



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Tackling Root causes Upstream of
Unhealthy Urban Development



GMCA GREATER
MANCHESTER
COMBINED
AUTHORITY



Case study: Greater Manchester

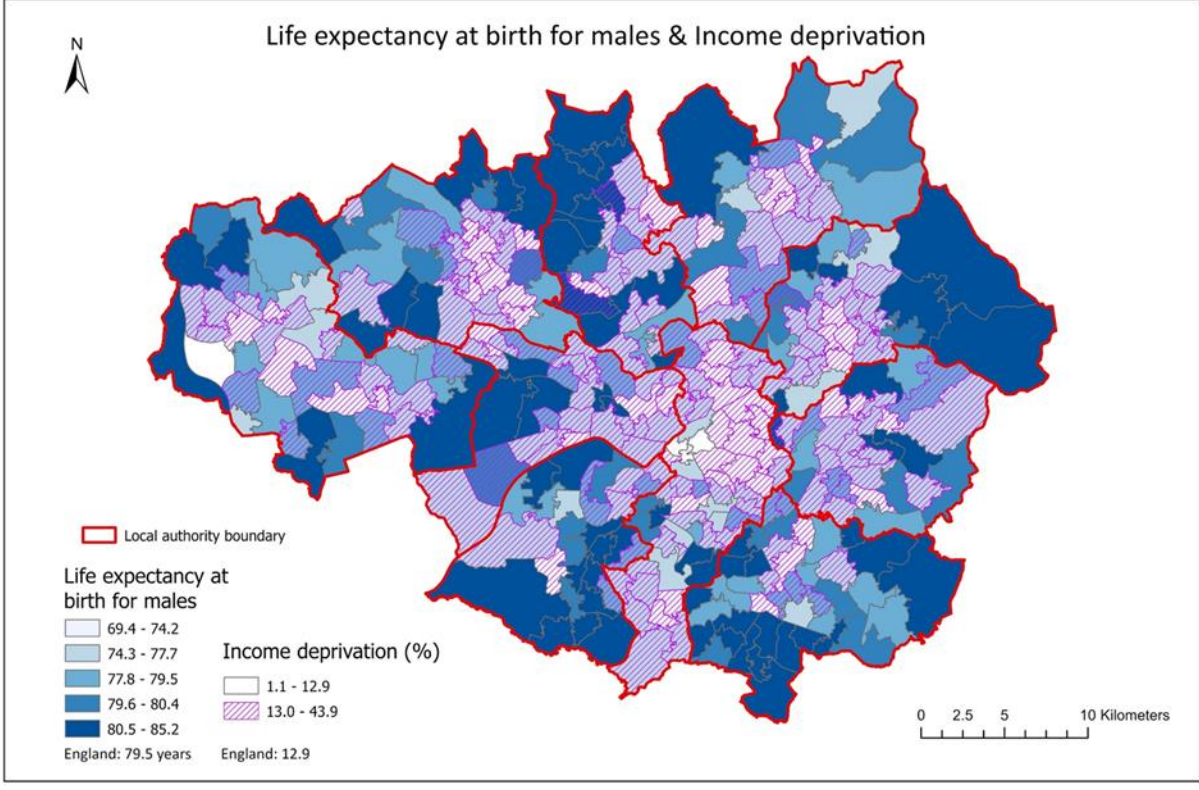
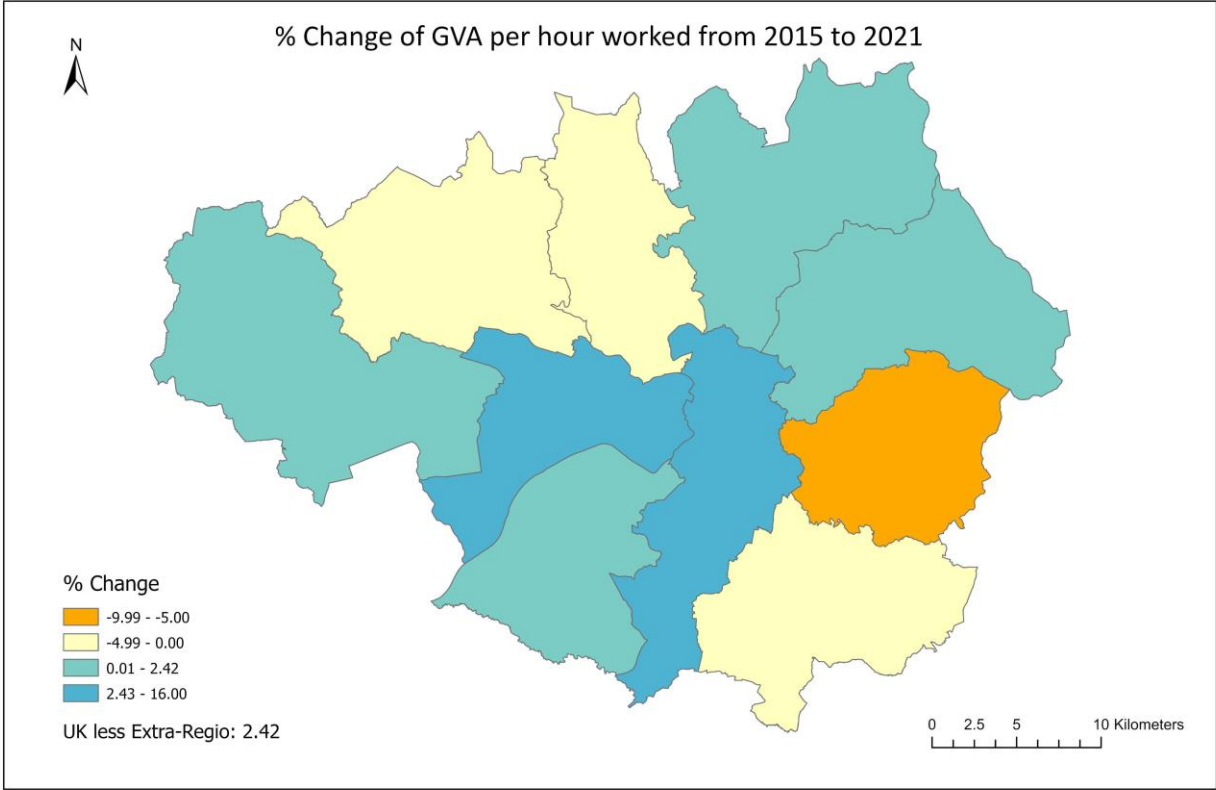
- The trailblazer model of policy, governance and service integration in the most recent chapter of English politics
- Only combined authority with devolved powers for spatial planning and health and social care + four decades of partnership and cooperation between policymakers in the region (not without its discontents though!)
- most strategic public health and planning policymaking decisions rest at the sub-regional level in England
- Place-based leadership remains key to tackling the grand challenges of our century

With Dr. Wei Zheng

What we found?

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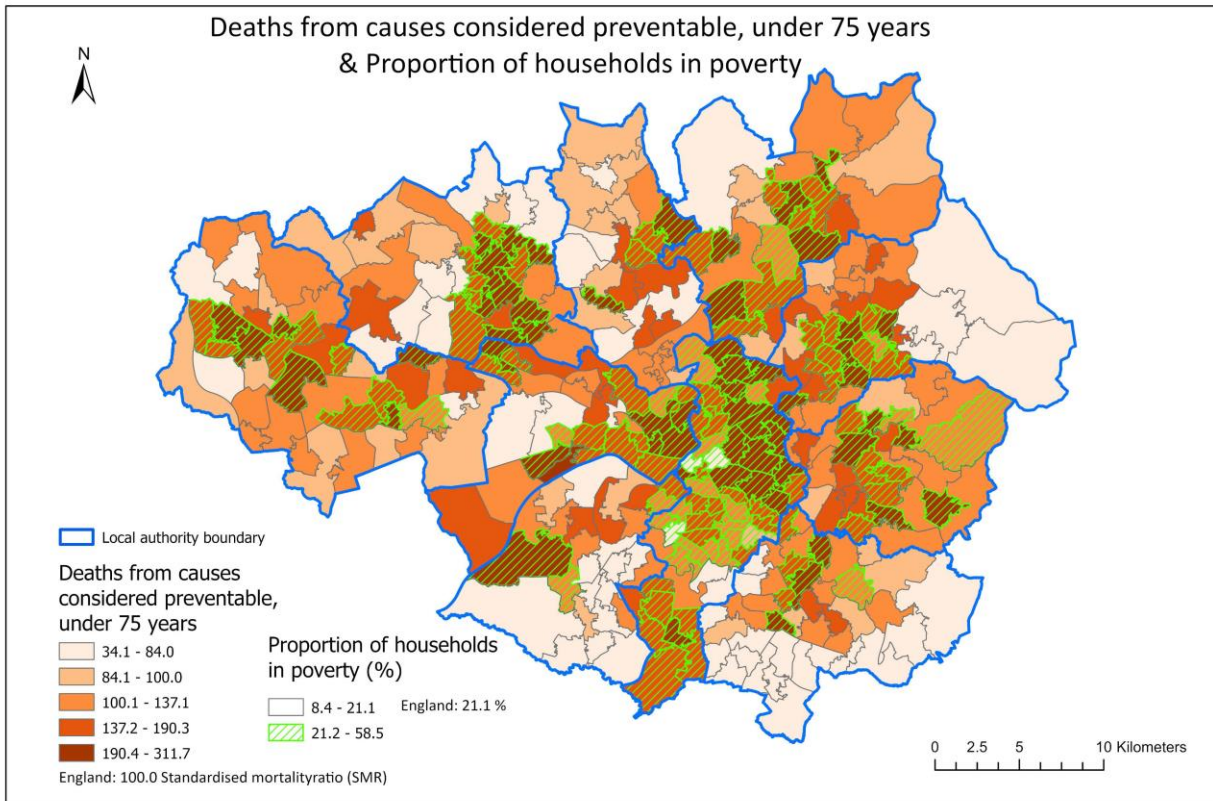
The spatial paradox of growth



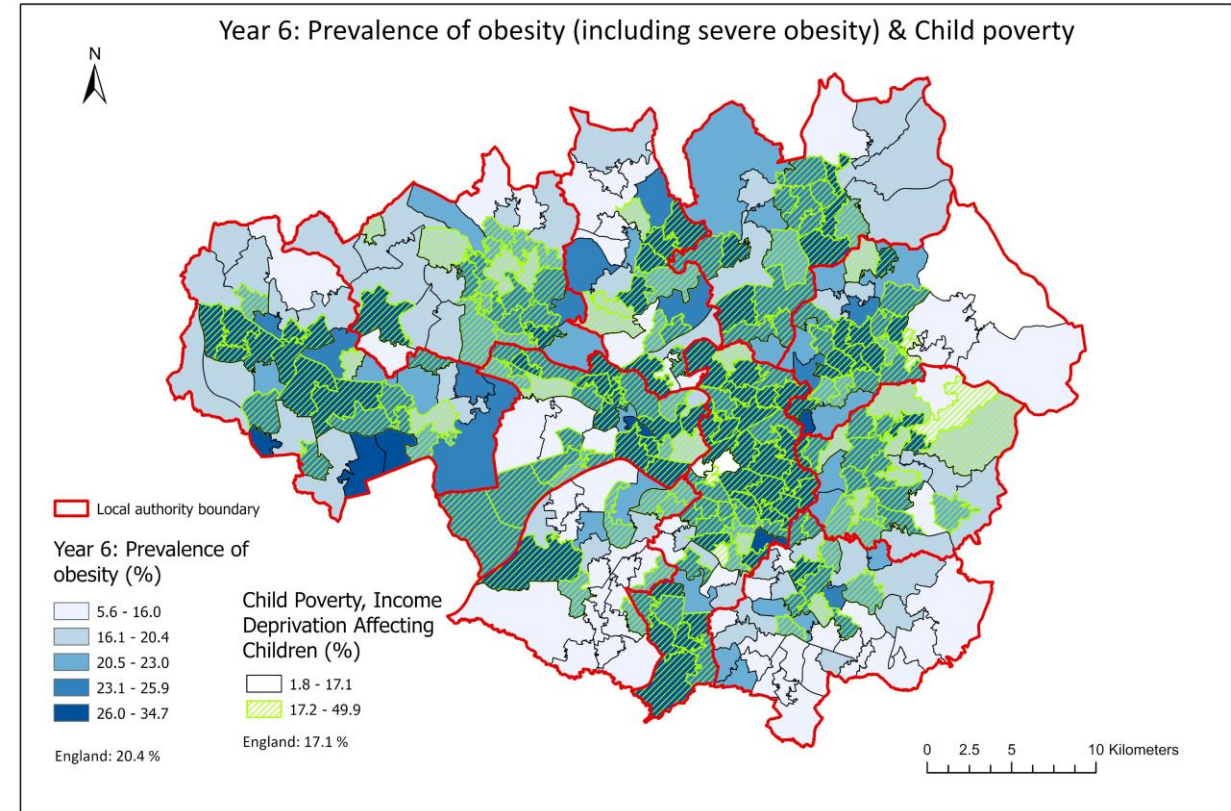
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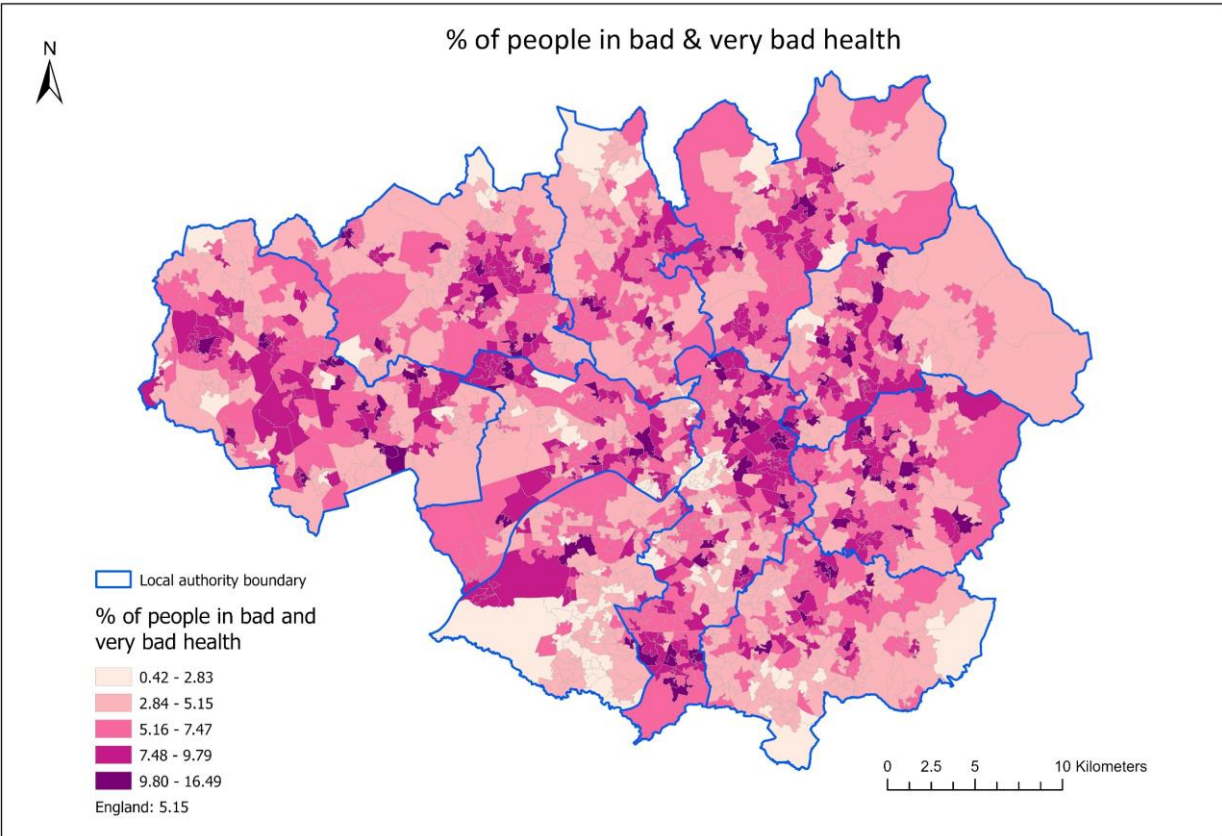
The broken link between growth and health outcomes for local residents



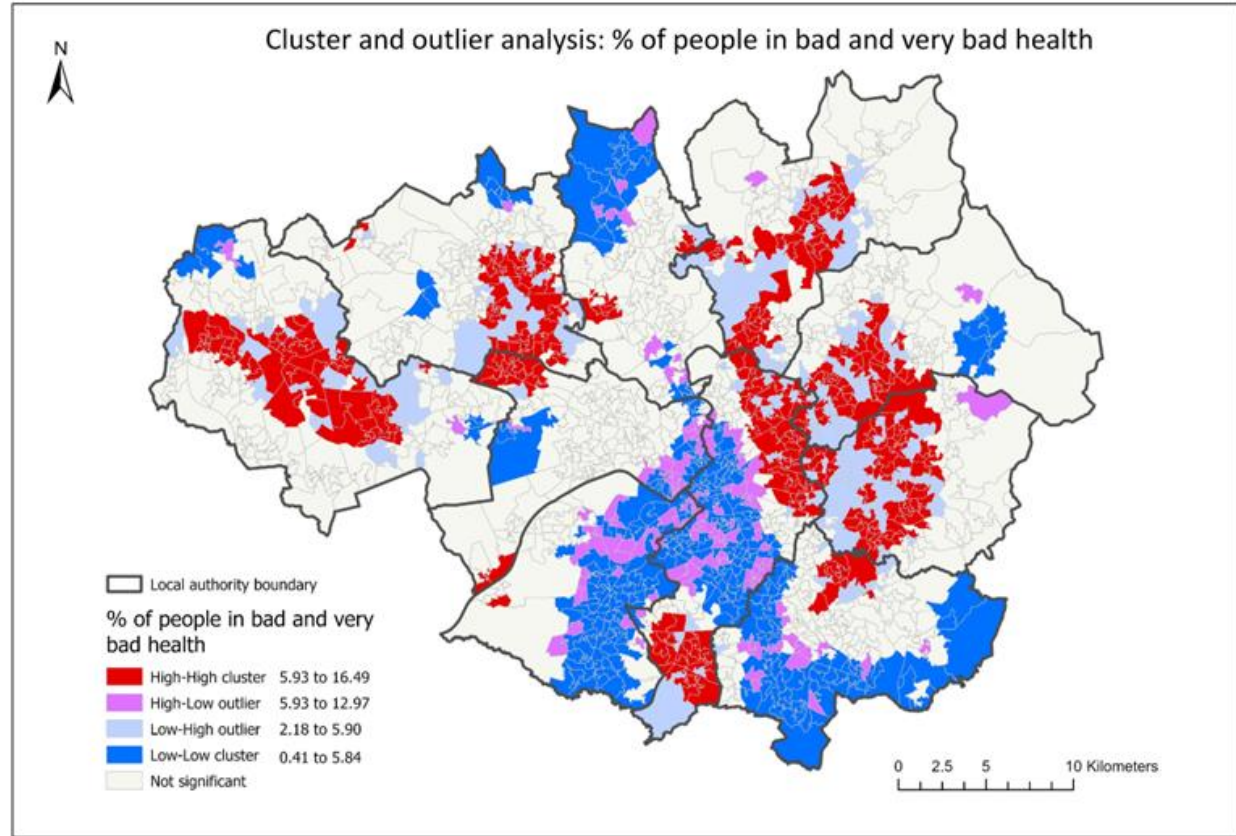
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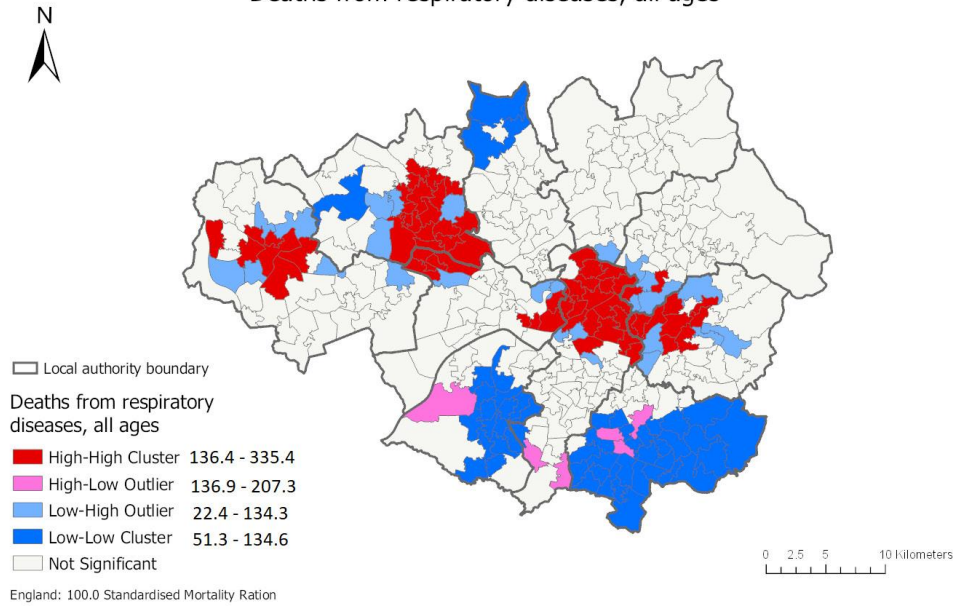
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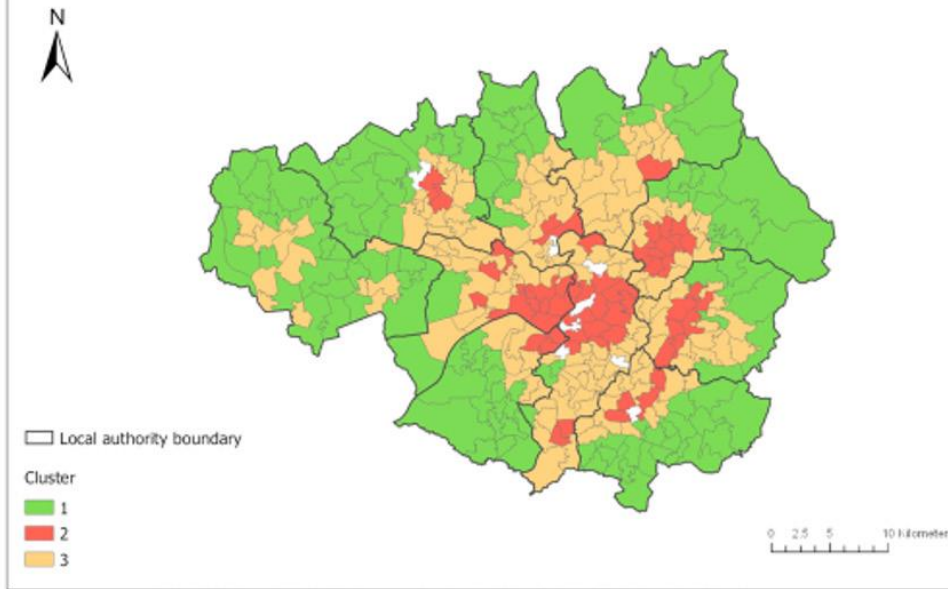
Levelling up requires spatial understanding and targeting

Deaths from respiratory diseases, all ages



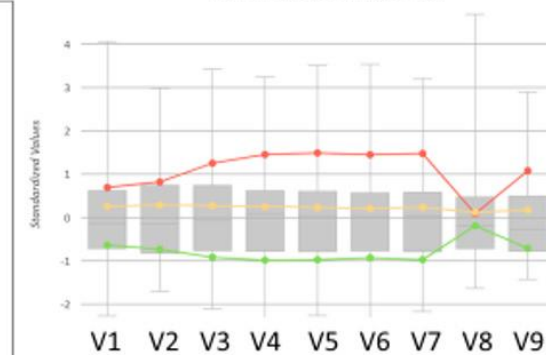
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Multivariate clusters analysis



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Multivariate Clustering Box-Plots



V1: Deaths from respiratory disease

V2: Income deprivation

V3: Average Benzene level

V4: Average NO₂ level

V5: Average NO_x level

V6: Average PM 10 level

V7: Average PM 2.5 level

V8: Average SO₂ level

V9: Proportion of household in poverty



What actions are
needed?

Strengths of urban health policy regime in GM

- **Ideas**

- Acute awareness of problems, strong will of a coalition of actors, but competing priorities undermine collective vision

- **Interests**

- Strong and wide local support from the public and VCSEs but professional partisanship and cultural barriers exist + lack of private sector involvement

BUT

- **Institutions**

- Strong infrastructure as a result of 10+ years of integration and reorganisation but financial constraints and siloed decision-making limit cooperation

Boundary spanning, breaking policy silos

- Spatial and policy sectoral boundaries
- Policy integration across and within different spatial scales
- Central government and devolution deals

References

- TRUUD website: <https://truud.ac.uk/greater-manchester-intervention/>
- Storymap direct link: <https://arcg.is/18e8bm> [arcg.is]
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- Zheng, W. and Wong, C. (2023) Variegated spatial landscape of COVID-19 infection in England, Journal of Public Health, 45 (Supp 1): i45-i5

Thank you for listening

