

What works for what region?

Thomas de Graaff^{1*}

Abstract

Regions are ...

Keywords

Regional science — spatial heterogeneity — conditional robustness

¹ Department of Spatial Economics, Vrije Universiteit Amsterdam, Amsterdam, The Netherlands

*Corresponding author: ✉ t.de.graaff@vu.nl; 📧 thomasdegraaff.nl

Contents

Introduction	1
1 Literature review	1
2 Methodology	1
3 Research Agenda	1
3.1 Regional heterogeneity	1
3.2 Conditional robustness	1
3.3 Regional sorting models	1
References	1

Introduction

In recent years, the urban economics literature witnessed large growth; not only noticed in a wider economic acceptance, but as well in scientific rigour and robustness. Remarkably, the empirical regional economics (or regional science in general) literature lagged behind, although many concepts and challenges in both disciplines are conceptually similar and are derived from similar theoretical backgrounds.

1. Literature review

2. Methodology

3. Research Agenda

3.1 Regional heterogeneity

(Thissen et al., 2016; de Graaff et al., 2012b,a)

3.2 Conditional robustness

In regional science in general and in regional economics in specific, remarkably little attention has been given to reproducibility and robustness of results (with some exceptions as, amongst some others, by Rey, 2014; Arribas-Bel and de Graaff, 2015; Arribas-Bel et al., Forthcoming).

3.3 Regional sorting models

As in Bayer et al., (2004) and Bayer and Timmins, (2007) and recently by Zhiling et al., (2016) and Bernasco et al., (Forthcoming).

References

- Arribas-Bel, D. and T. de Graaff (2015). “WooW-II: Workshop on open workflows”. In: *REGION 2.2*, pp. 1–2.
- Arribas-Bel, D., T. de Graaff, and S. Rey (Forthcoming). “Looking at John Snow’s cholera map from the XXist Century: a practical primer on reproducibility and Open Science”. In: *Regional Research Frontiers: The Next 50 Years*. Ed. by R. Jackson and P. Schaeffer. Berlin: Springer.
- Bayer, P. and C. Timmins (2007). “Estimating Equilibrium Models Of Sorting Across Locations”. In: *The Economic Journal* 117.518, pp. 353–374.
- Bayer, P., R. McMillan, and K. Rueben (2004). “An Equilibrium Model of Sorting in an Urban Housing Market”. NBER working paper: No. w10865.
- Bernasco, W., T. de Graaff, J. Rouwendal, and W. Steenbeek (Forthcoming). “Social Interactions and Crime Revisited: An Investigation Using Individual Offender Rates”. In: *Review of Economics and Statistics*.
- De Graaff, T., F. G. van Oort, and R. J. Florax (2012a). “Regional Population-Employment Dynamics Across Different Sectors of the Economy”. In: *Journal of Regional Science* 52.1, pp. 60–84.
- (2012b). “Sectoral heterogeneity, accessibility and population-employment dynamics in Dutch cities”. In: *Journal of Transport Geography* 25, pp. 115–127.
- Rey, S. J. (2014). “Open regional science”. In: *Annals of Regional Science* 52.3, pp. 825–837.
- Thissen, M., T. de Graaff, and F. G. van Oort (2016). “Competitive network positions in trade and structural economic growth: A geographically weighted regression analysis for European regions”. In: *Papers in Regional Science* 95.1, pp. 159–180.

Zhiling, W., T. de Graaff, and P. Nijkamp (2016). “Cultural Diversity and Cultural Distance as Choice Determinants of Migration Destination”. In: *Spatial Economic Analysis* 11.2, pp. 176–200.