

Overview

> Motivation
> Theoretical debate
> Results Meta-analysis 64 empirical studies of the Carlino-Mills model for jobs-follow-people versus people-follow-jobs
> Conclusion and discussion



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Classis question about regional growth still in debate

Literature: do "jobs-follow-people or people-follow-jobs?" (Borts and Stein 1964; Steinnes and Fisher 1974) or related "chicken-or-egg" (Muth 1971). Later *The Determinants of County Growth* by Carlino and Mills (1987) with lagged adjustment framework. The question relates to questions like:

- Do people move for economic factors (jobs) or amenities and quality-of-life factors (e.g. Lowry,1966; Partridge 2010).
- > Is the residential location decision made before or after the job location decision (e.g., Deding et al. 2009).
- Are employment locations of firms really exogenous to residential locations? Or vice-versa (as assumed in the monocentric city model.



- > New Economic Geography (Krugman, 1991): falling
- transport cost lead to concentration

 Amenity migration (Graves, mid1970s): people or
- moving to nice places, warm climates

 > Agglomeration effects, attractiveness of (big) cities
- (Gleaser et al, 2001 etc., Florida, 2003)Storper & Scott (2009): people only move to nice places with suitable employment
- → Partridge (2010): for the US, Graves is the winner!



Policy relevance

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- > The question what determines growth plays a central role in policy discussions: is catering to the wishes of firms by improving the business climate of a place a better strategy than catering to wishes of people and improving the people climate of a place?
- China: changing location patterns of firms (inland move), changing migration patterns, especially of higher educated and richer people with changing preferences
- > Changing policy focus from only economic goals like GDP, income and (un-)employment to broader goals like well-being and quality of life: e.g. OECD-project 'How is life in your region?' and also in China:

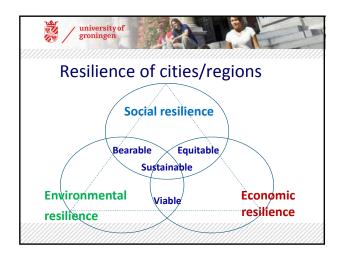


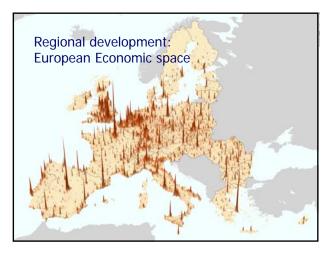


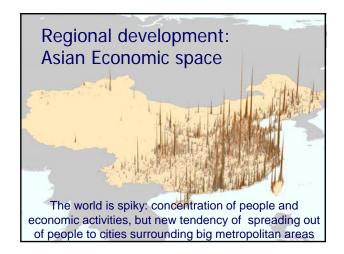


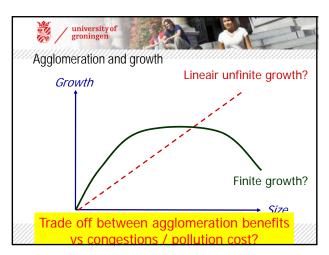


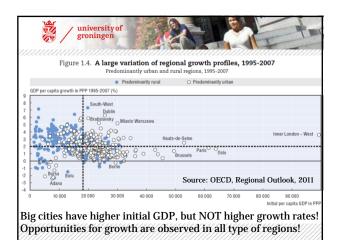


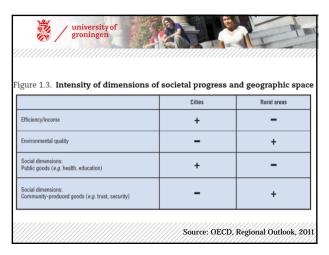




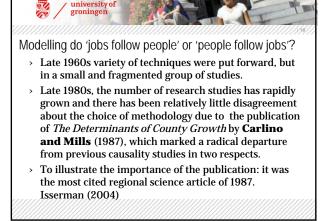


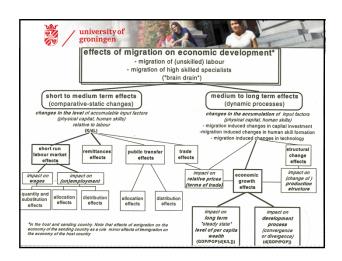


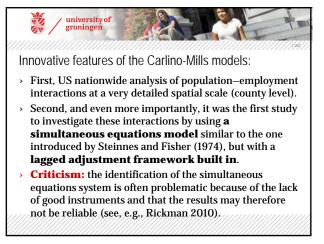


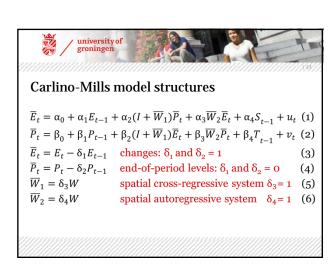


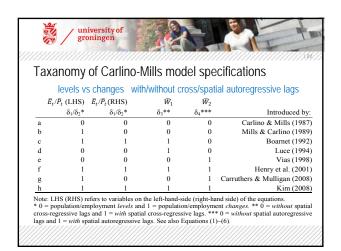


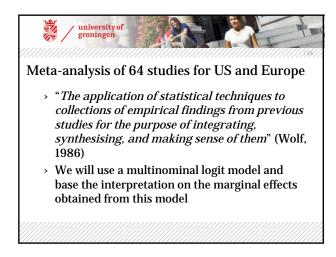


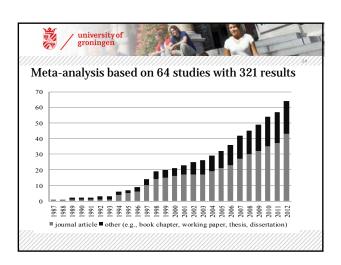




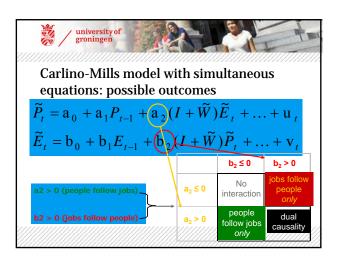


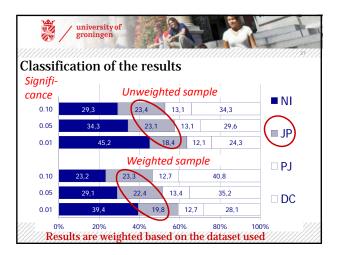


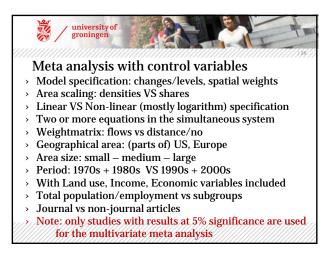


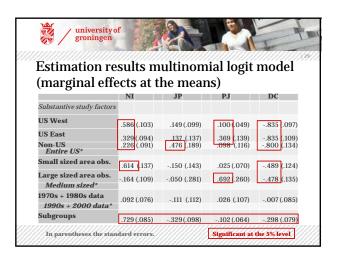


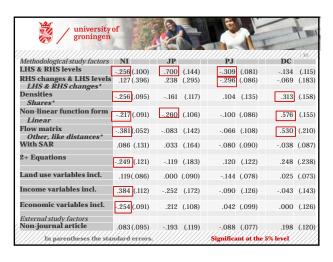














- Empirical evidence from 64 studies for the US and Europe on jfp-pfj: still mixed and inconclusive results
- One third each for no-interaction, jfp+pfj, dual causality
- > Jobs-follow-people > people-follow-jobs (about 2x more)
- > Data matter: results vary by geographic location of the regions, spatial resolution and population and employment characteristics, but not by time period
- Methodology: results vary by levels vs changes, functional form, specification weightmatrix, standardization by density or shares, number of equations, inclusion of other variables; but not by SAR
- > No difference by publication type



- → e.g. CHINA!
- Use models that permit causility running in different directions and test robusstness with alternative models
- Include variables for land use, spatial policies, income and economic conditions. Natural and cultural amenities, location and demographics are less important
- W-matrix with flows is preferred, but less exogenous
- Meta-analysis on size of the parameters instead of sign
- Or: Microlevel analysis of underlying processes based on firm-employee micro-data



> What are effective and efficient policy measures?









