

Review of: "Differences in Regional Productivity and Imbalance in Regional Growth"

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Potential competing interests: No potential competing interests to declare.

Title: Differences in Regional Productivity and Imbalance in Regional Growth

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1.-Suggestions

There is no taxonomy (numbers) in sections and disorder in the sections content:

-The title of the Section (order 3) 'Spatiality, Trends and Data' matches better with 'Study area trends'. Data sources are not enounced.

-Statistics are included both in section 'Spatiality, Trends and Data' (num. 3) and in section 'Description of Sectors Selection for Experiment' (order 4)

-In doing so, the section 'Methods and Assumptions' (order 5) should be before 'Description...', because the latter includes one (the first) methodologic step

2.-Main shortcomings

a) As long as this paper is based on "Danish inter-regional macroeconomic model", the availability of discussion and application to another study cases is low.

Evidence: "The scenario experiment is implemented in the SAM-K/LINE model, which is a Danish inter-regional macroeconomic model with frameworks of computable general equilibrium (CGE) and the social accounting matrix (SAM) by municipality, model is hereafter called LINE (Madsen & Jensen-Butler, 2004 & 2005; Madsen & Zhang, 2010)".

b) I can't understand why do the authors draw a scenario for 2020 if the paper is being reviewed in 2023, is there some mistake?

3. Main contributions

a) One of de main contribution is to demonstrate that the concentration of economic activity in any sectors implies low inter-regional spillovers.

Evidences: "However, nearly all the economic gains from the increased productivity in such a sector remain in the urban

areas with a unidirectional link from rural to urban as well as from peripheral to urban, and not the reverse". "This phenomenon can demonstrate how the gap between the urban and the rural municipalities is constantly widening in both the local economy and the demography".

b) The authors become aware of the consequences of this demonstration regarding to regional politics in the Conclusions section: "This study provides the evidence to consider different policy approaches to maintain the balanced economic growth, both in urban and rural/peripheral areas in a country".