

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

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Potential competing interests: No potential competing interests to declare.

Differences in Regional Productivity and Imbalance in Regional Growth:

Recommendation: Accepted (**Minor Revision**)

The paper has an important topic for the relationships between regional productivity and regional economic growth which consider very important in this era of the economic crises in the world.

The topic is very interesting and the research is accepted, developing the following comment will increase the value of the paper.

General Comments:

1. References:

1. Most of the reference is very old, as most of the reference should be around the latest 10 years. Please add new references, as this topic has a lot of updated information and research papers in recent years. As this point will add good value to the paper.
2. The reference format is not the same during the paper, please update the format of the reference.
3. Some mentioned information is mentioned without reference such as on page 5 the analyses of economic structure, it was mentioned without reference.
4. Some references have link for internet pages without following the reference format, such as (www.fm.dk/publikationer).

2. Figures:

2.1. The figures in the paper are not clear, such as figure 1 (Regional concentration by sector) the text is very big with the par-chart, please consider the text scale with the diagrams.

The diagram has data till 2016 please provide an updated date as it is considered old data.

2.2. **Figure 1a.** Municipality Types in Denmark need to be on page 4 with a description of the case studies and the site location for each case. Moreover, the map needs a reference date. The map needs to be more clear and has more information to clarify the case studies' locations, the color scheme for the peripheral does not clarify the bay in the north

sea. Or add a new legend for maxed zones. Analysis of the maps will add value and more description for case studies.

1. Language:

3.1. Please review the grammar, punctuation, and sentence structure.

1. The Results of the paper expect growth in 2020, although we are at 2023. Please check or clarify.
2. The research analysis and diagrams include all the economic activities in the same diagram, although in the economy we have economic productivity and economic service sector.

Such as the Medicine and chemical industries, trade, and tourism are considered productive sectors for the economy, although healthcare, education, and transport are considered service economies. Please clarify.

The paper contains significant information for Danemark economic growth. The paper need demonstrates an adequate understanding of the relevant literature in the field and the case studies cities an appropriate range of literature sources. Table quality needs to be improved to clarify the data and results.