

The paper's title is "Carbon Emission Effect of Urbanization at Regional Level: Empirical Evidence from China". It focuses the impact of urbanization on carbon emissions, expanding the relative research in some respects. The empirical analysis framework in this paper is enough to support the research content. I think it is good enough to be published in Economics E-journal for the reasons below.

1. Its topic is interesting and meaningful. The rapid urbanization process threatens sustainable development, when the population migration from rural areas to cities or towns. China with the world's highest national carbon emission is going through the accelerating urbanization, and so its urbanization effect on carbon emission is very typical and representative as a case study in this area.

2. The Spatial Durbin Panel Data Models are newly introduced to this field in the paper, which are set up to cover spatial and temporal characteristics as well as spatial effect. What is even more unusual is that they cover the spatial effects of both dependent variable and independent variable and are applicable for global or local scope, which aren't expressed in most of the other models. And there may be incomplete dependence of energy consumption and carbon emission between neighboring provinces or regions resulted from the chain reaction of population transfer, this spatial correlation can't be omitted.

3. This paper is aimed specially at the analysis of urbanization's influence rather than extensive analysis of all factors. And it is useful to make an all-round and deep-going analysis on the carbon emission effect of urbanization. More importantly, the new variable which is city size distribution is brought into the model, and in the former studies, urbanization variable was denoted only by urbanization rate. I think it is necessary to add the new variable, because many research conclusions show that in the further development we need to measure the holistic level of city size, and then empirically analyze its influences on carbon emission during the urbanization.

Of course, there is no denying that several aspects of the paper need to be improved. 1. It is necessary to explain "why we should look at spatial effects" in more details. 2. It need more explanation for the underlying theory of urbanization and city

size distribution. However, I think the paper's demerits are much smaller than its merits.

On the whole, I think this article is good enough to be published in your journal.