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SPATIAL ANALYSIS ON GERMAN ECONOMIC STRUCTURE AND ITS CHANGES IN TIME

Abstract:

Next year, Germany is going to celebrate the thirties anniversary of its reunification. Several years of separation into two part had huge impact on their economic development. Former western Germany entered the new republic as economically much stronger member. According to observation of main macroeconomic variables such as GDP, unemployment rate or household income, this gap is definitely narrowing but has not disappear completely yet. This contribution aims to bring a descriptive insigne of current economic structure of the country using choropleths which is an irreplaceable tool of regional analysis. The differences and significance of the former division are analysed using spatio-temporal approaches. Spatial econometrics considers geographical location of observed units that could bring important additional information into the analysis. Development in time is observed as well. As a measurement of prosperity, GDP, purchasing power standard or level of education are used. Diversity of industry and several demographic variables are supporting this analysis. Assumptions of changes in economic structure and existence of persistence former parts differences are proved by suitable spatial econometric models for panel data.

Keywords:

spatial analysis, economic structure, Germany reunification, choropleth