

MG 추정법을 이용한 지역 실업률 결정 요인 분석

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Analysis of Determinants of Regional Unemployment Rate Using MG Estimation Method

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Abstract

This study analyzed the influence of industrial structure diversity as a determinant of the local unemployment rate in Korea from 2000 to 2018. In particular, the heterogeneous slope coefficient of regional unemployment rate panel data was considered and a model including other determinant variables was applied.

The main empirical analysis results are summarized as follows. The higher the industrial structure diversity, the lower the local unemployment rate, and the higher the labor productivity, the lower the local unemployment rate. Considering the results of the analysis, a strategy for increasing diversity rather than specializing the industrial structure is preferable because an industry-specific policy within a region is highly likely to increase the regional unemployment rate. Of course, it is necessary to plan and establish regionally customized industrial structure policies that consider regional characteristics under a diversification rather than simply increasing industrial structure diversity.

Keywords: Regional unemployment rate, Coefficient heterogeneity, Industrial structure diversity, MG estimation method

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