Spatial differentiation of migration processes in the Czech Republic

Abstract

The aim of this study is to analyze internal migration in the Czech Republic and assess the extent to which selected indicators contribute to internal migration of the population in the municipalities in the Czech Republic. The first part is focused on the theoretical background for this study and on the discussion of literature. On the basis of literature the indicators were selected for subsequent analysis. The selected indicators are: the number of completed dwellings, the number of jobs, unemployment rate and population density. The next part outlines the development of internal migration in the Czech Republic between 1991–2012. After the subsequent evaluation of the development of selected indicators and internal migration at the municipal level, the relationship of migration and selected indicators for determined years is analyzed through linear regression, exploratory spatial data analysis and geographically weighted regression. The result is an assessment of the impact of selected indicators on internal migration in the Czech Republic and evaluation of the contribution of the methods used for exploration of relationships between migration and selected indicators.

Keywords: migration, internal migration, spatial analysis, geographically weighted regression, motivation of migration, Czech Republic