Spatial Economics – Assignment 2

Gustav Pirich (h11910449)   Peter Prlleshi ()   Filip Lukijanovic ()

April 2, 2024

Contents

> *The code that was used in compiling the assignment is available on GitHub at*
> *https://github.com/gustavpirich/spatial_econ/blob/main/02_assignment/02_assignmnet.Rmd.*

Exercise A

Calculate the growth rate of productivity from 1980 to 2013 and create a map that shows the productivity growth for each region.

The map shows the productivity growth rates in the NUTS-2 regions for the selected countries. We can see that many regions especially in Germany, Austria, and France exhibited negative productivity growth over the time period. Portugals productivity has been growing quickly. We suspect that the negative growth rates can be explained by the fact that high-income countries were comparably rich productive to being with, while Portugal was fairly unproductive.