

## Master and MAGKS Course **Spatial Econometrics**

### **Instructor**

Prof. Dr. Reinhold Kosfeld  
Head of Statistics, Institute of Economics  
Nora-Platiel-Str. 4, 34127 Kassel

Consultation hours: Wednesday, 14 – 15 h (Room 2103)

### **Schedule**

Online course with Zoom  
(Access provided timely before the weekly sessions)

Lecture and computer exercises with R

November 04, 2020 – January 27, 2021, 10 – 14 h

The last two January sessions are reserved for presentations.

### **Objectives**

Understanding spatial econometric methods and their application with R

### **Topics**

Spatial spillovers, Spatial weights matrix, spatial autocorrelation analysis, spatial regression models, spatial panel data models, spatial econometrics applications

### **Proof of performance**

Writing exam or seminar paper with presentation

### **Working materials**

Working materials are available on the website <http://www.uni-kassel.de/fb07/institute/ivwl/faculty-chairs/kosfeld-apl-prof-dr/lehre/spatial-econometrics.html>

- Script „Spatial Econometrics“ (Power Point slides)

- Script „Spatial Econometrics with R“

In the course exercises are conducted with the program R. Please use your laptop in the online sessions!