

## Master and MAGKS Course Spatial Econometrics

### Instructor

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

Consultation hours: Wednesday, 14 – 15 h (Room 2207)

### Schedule

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

Lecture and computer exercises with R

October 20, 2021 – January 26, 2022, 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 <https://www.uni-kassel.de/fb07/ivwl/statistik/lehre/lehrveranstaltungen>

- 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!