

## 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

Lecture and computer exercises with R  
October 23, 2024 – February 5, 2025, 10 – 14 h

Nora-Platiel 8 - Raum 0419

The last two 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

For MAGKS doctoral students: presentation (certificate on successfully attending the course), without presentation (certificate on attending the course)

### 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!