

Seminar (Bachelor)

Migration, Mobility, and the Knowledge Economy

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Summer Term 2018

Time & Location: 12.04.2018 – 12.07.2018; Thursday 8:30 – 12:00 am; Arnold-Bode-Str. 10, Room: 0104.

6 Credits: a short presentation (5-10 minutes), explaining the planned project; a fully commented R-Script; a short (3-4 page) description of the main research question, the chosen strategy and main findings.

Scope and Format:

In this seminar, we will highlight one aspect of migration: the transmission and generation of knowledge. Migrants and mobile workers are carrier of valuable knowledge. They transmit knowledge across borders, regions, economic sectors and firms. Since our economy is increasingly depending on the generation of new ideas, migration and mobility of knowledge workers are increasingly present in the political debate. In this lecture, we will discuss a number of papers recently published in the field of economics and innovation dealing with migration and mobility. Specifically, we are interested in the identification of causal mechanisms.

We plan to go on a **guided city tour** through Kassel, discovering the lasting impact of the mass arrival of Huguenots in the 18th century on Kassel's industrial development.

Credit requirements:

Instead of a seminar paper, students are required to conduct an empirical data project. In the seminar, we provide all necessary data. Students will get an introduction and guidance on how to conduct the data project. We will use the open source program R.

Background reading:

Bodvarsson, Ö. B., & Van den Berg, H. (2013). *The economics of immigration*. Springer New York.

Chiswick, B., & Miller, P. W. (Eds.). (2014). *Handbook of the Economics of International Migration*. Elsevier.

Lissoni, F. (2017). International migration and innovation diffusion: an eclectic survey. *Regional Studies*, 0(0), 1–13. <https://doi.org/10.1080/00343404.2017.1346370>

Angrist, J. D., & Pischke, J. S. (2008). *Mostly harmless econometrics: An empiricist's companion*. Princeton University Press.

Adler, J. (2010). *R in a nutshell: A desktop quick reference*. O'Reilly Media, Inc.

Outline

1. Introduction

- 1.1. Knowledge Economy
- 1.2. Human Capital and Tacit Knowledge

2. Migration

- 2.1. Causes, Reasons, Impact
- 2.2. Migration and Technological Change

3. Destination Countries

- 3.1. Innovation and Knowledge Creation
- 3.2. Diffusion and Direction, Brain Gain
- 3.3. Diaspora Effects

4. Source Countries

- 4.1. Brain Drain
- 4.2. Return Migration

5. Mobility

- 5.1. Regional Mobility
- 5.2. Between Firms and Sectors
- 5.3. Mobility Constraints

6. Migration and Economic Policy

- 6.1. (Open) Borders
- 6.2. Other Restrictions