Requirements and remarks

This document consists of 6 pages overall. Please make sure that you read all of them carefully.

Seminar Personnel Economics / Seminar zur Personalökonomik (170705, 273017)
Topic Assignment: online via Stud-IP starting from 01.09.2026
Begin: 05.10.2026
Registration: until **05.10.2026**
Submission: until **16.11.2026** (any time during that day) via e-mail to seminare@aoek.uni-hannover.de
Supervisors: Prof. Dr. Patrick Puhani, Dr. Hamed Moghadam, for questions regarding formalities please contact seminare@aoek.uni-hannover.de

Colloquium for presentation: 23/24.11.2026

Seminar Labour Economics / Seminar zur Arbeitsökonomik (171517, 272012)
Topic Assignment: online via Stud-IP starting from 01.09.2026
Begin: 08.10.2026
Registration: until **08.10.2026**
Submission: until **19.11.2026** (any time during that day) via e-mail to seminare@aoek.uni-hannover.de
Supervisor: Prof. Dr. Patrick Puhani, M.Sc. Anika Ewald, for questions regarding formalities please contact seminare@aoek.uni-hannover.de

Colloquium for presentation: 26/27.11.2026

Bachelor Students: Please note that you may take only take only ONE seminar in "VWL (Economics)" and one in "BWL (Business Administration)".

Seminar Population Economics (379003)
Topic assignment: online via Stud-IP starting from 01.09.2026
Begin: 12.10.2026
Registration: until **12.10.2026**
Submission: until **23.11.2026** (any time during that day) via e-mail to seminare@aoek.uni-hannover.de
Supervisor: Prof. Dr. Patrick Puhani, M.Sc. Anika Ewald, for questions regarding formalities please contact seminare@aoek.uni-hannover.de

Colloquium for presentation: 30.11./01.12.2026

Seminar Data Analytics (379064)
Topic assignment: online via Stud-IP starting from tba in the course syllabus in StudIP
Begin: To be announced in StudIP
Registration: until **16.10.2026**
Feedback Meeting: Around KW46, announced in StudIP
Submission Paper: until **27.11.2026** (any time during that day) via e-mail to seminare@aoek.uni-hannover.de
Submission Presentation: until **27.11.2026** (any time during that day) via e-mail to seminare@aoek.uni-hannover.de
Supervisor: M.Sc. Vangjel Bita, M.Sc. Brajan Gruszka

Note: See the link “Course Syllabus” on the seminar website or in the seminar’s StudIP for more information about this seminar.

Colloquium for presentation: 02/03.12.2026

Learning Objective of the Course

Based on the main paper and own literature research the students should be able to discuss an economically relevant issue. As part of the assignment the students should demonstrate their ability to work scientifically. Furthermore, they need to show a profound understanding of the given study and to relate it to the current literature in the field. In particular, students need to be able to explain regression analyses from their study. The executive summary as well as the presentation should be well-structured and logically organized. Every described aspect should be conducive to readers‘ and listeners‘ understanding. In the context of a critical evaluation the students should demonstrate their analytic thinking and their ability to identify potential methodological weaknesses of a scientific paper. A good and a very good piece of work is characterized by the students ability to develop and communicate own plausible reasoning.

Composition of the Examination (All Seminars except Data Analytics)

1. Written Part:
   - Executive summary: digital version **in PDF-format**
   - Slides: digital version **in PDF-format**
2. Presentation in Colloquium:
   - 15 minutes presentation
   - Plus about 5 minutes discussion, in which the students should be able to show that they are well informed concerning different facets of the topic (includes the ability to give appropriate information in case of questions)

Criteria for the Presentation (All Seminars except Data Analytics)

a. Formal Aspects
   - Keep your time limit; key rule: about 1.5 to 2 minutes per slide; you may prepare slides with additional content as an appendix (if you expect certain questions)
   - Concise and precise phrasing on the slides
   - Readability of tables and diagrams
   - References at the end of the presentation
   - Language: German or English

b. Structure
   - Brief introduction to the topic
   - Presentation of the main paper's key aspects (**estimation methods** and **regression outputs** or **theoretical methodology**) and a brief critical evaluation. Other literature, such as econometrics textbooks, might help in understanding and explaining the methodology applied in a research article.
   - Presentation of the main results of related articles within the related field of literature
   - Presentation of your personal judgement
   - Conclusion

Note: Many of the papers on which the seminar topics are based use one of the following estimation methods: “fixed effects regression”, “instrumental variables regression”, “regression discontinuity design”, “difference in differences”. Information on these methods can be found in the following book: Joshua D. Angrist and Jörn-Steffen Pischke (2009): Mostly Harmless Econometrics: An Empiricist's Companion, Princeton University Press.

Criteria for the Executive Summary (All Seminars)

a. Essential components of the Executive summary (overall 6-7 pages)

   - Cover page (1 page)
   - 3 pages of text
   - References (1 page)
   - 2 (main) figures or tables from the study (1-2 pages)

b. Formal Aspects

   - Text font and size: Times New Roman 12 point, Arial or Calibri or LaTeX 11 point
   - 1.5 - line spacing
   - Alignment: justified text with hyphenation (dt.: Blocksatz mit Silbentrennung)
   - Margins: upper, lower, and right 2.5cm; left 3cm
   - Page numbers centered in the footer
   - Citation: Harvard citation style, i.e. in the text as 'surname (year)' for indirect quotes and 'surname (year, p. xy)' for direct quotes. Please note that you also need to include a reference for each table or figure that you copy from your main paper (use the direct quote here).
   - References: Should contain every reference that is quoted in the text and nothing else. Please make sure that you use a consistent style.
   - Language: German or English

c. Structure of the Executive Summary

   - Introduction to the topic; presentation of the general relevance of the analyzed question;
   - Presentation of the main paper; useful prioritization of comprehensive articles; discussion of the paper's key results and methodology
   - Embedding in related literature; compare relevant aspects and results of related literature;
   - Conclusion

Note: We do not require that the executive summary be structured by the use of chapters. Instead please use well placed paragraphs to optimise the use of space. Spaces between paragraphs should not exceed one line.

Literature Research

Besides the presentation of the original paper, embedding it in the related literature is important so that an appropriate literature research is **mandatory**.
The following options are conceivable:

- libraries (e.g. TIB): The network of the university provides access to all electronically available resources (journals etc.), for which Leibniz Universität Hannover acquired the rights of access.
- Google-Scholar / EconLit / Scopus: By use of the advanced search. If the research is conducted on a PC outside of the university network, many articles are not free of charge. A free usage of the articles offered within the university's network however is also possible from outside the university network by using the VPN-client.

To better understand the estimation methods used in your main paper, we recommend the book "Angrist, J. D., & Pischke, J. S. (2015). Mastering 'Metrics: The path from cause to effect. Princeton University Press. ISBN: 9780691152844". The book is targeted at bachelor students and available at the library (TIB).

Note: Not only external literature sources, but also the use of computer-generated texts, e.g. by ChatGPT, have to be be cited if they are adopted or translated into German. However, since your work must be a significant written contribution of your own, it is strongly discouraged to have longer texts translated and/or generated by a computer.

Framework for Analyzing Empirical Work

The following framework aims to break down the parts of empirical research and it can be used to understand scientific papers by looking for the answers to the following questions.

a. Main Research Question and Motivation
   - What is the main research question being asked in this paper?
   - Why should we care? What are the main contributions of the paper to the literature?
   - How do the findings resonate with theories discussed in your classes?

b. How do the Authors Identify the Causal Effect of X on Y?
   - What is the main causal question being asked in the paper?
   - What type of data is used in the paper?
   - Why could it be difficult to estimate the causal effect of X on Y?
   - What is the main estimation method used? What is the key identifying assumption in order to obtain an unbiased estimate of X? Under what circumstances will it be violated?
   - Which is the identification strategy employed by the authors (e.g. a natural experiment)?
   - In case of theoretical models: What are the model‘s assumptions and the priors that support them?

c. Findings, Internal and External Validity
   - What are the key findings of the paper? How do we interpret the coefficient estimates of the main variables of interest? Are these effects economically and statistically significant?
   - What additional results do the authors present? Can we say anything about the underlying mechanism?

d. Literature Review
   - Which are the (at least 2 or 3) most closely related and complementary papers to your main paper? In what way do they differ or complement it?
   - How do the results of your paper fit into the relevant literature?

Gender-Sensitive Language

We do not require the use of gender-sensitive language. However, if you wish to address this issue in your work, you have the following options:

- **Consistently** use gender-sensitive language (dt.: ”Gendern”) or gender-neutral alternatives where possible.
- Include a **footnote** explaining your approach. For example: ”For ease of reading, the gender asterisk (or gender gap) is used in the text. This always refers to all genders.” Or: ”For the sake of readability, the simultaneous use of masculine, feminine and other-gender forms has been avoided. All personal references apply to all genders.” Feel free to find your own wording that best suits your approach.

Submission of Your Work

Please submit your executive summary and your presentation **on time** in **pdf format** by e-mail to the following address: **seminare@aoek.uni-hannover.de**.

Please write "Submission (or in German: Abgabe) Seminar AOEK / PERS / POPECON" in the subject line of the email. Please name only the seminar for which you would like to submit your presentation and summary.

Please name your assignments as follows:

TopicNumber_SeminarCode_YourLastName_s (for your summary)

TopicNumber_SeminarCode_YourLastName_p (for your presentation)

with the following codes for our seminars:

AOEK for Labour Economics
PERS for Personnel Economics
POPECON for Population Economics

It should look similar to this example for the Labour Economics Seminar:

13_AOEK_Mustermann_s
13_AOEK_Mustermann_p