

Curriculum Vitae

PERSONAL INFORMATION

Personal Data	Sandro Heiniger Birth date: 30 December 1990 Nationality: Swiss Civil status: Single
Work Address	Swiss Institute for Empirical Economic Research University of St.Gallen Varnbühlstrasse 14 9000 St.Gallen Switzerland Email: sandro.heiniger@unisg.ch Google Scholar: scholar.google.ch/citations?hl=de&user=IrGZRuUAAAAJ Website: heinigersandro.github.io
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EDUCATION

02/2019 – ongoing	Ph.D. candidate, Graduate Program in Economics and Finance - Specialization in 'Econometrics' University of St.Gallen, Switzerland Supervisor: Prof. Dr. Michael Lechner
09/2016 – 01/2018	M.Sc., Statistics University of Neuchâtel, Switzerland Grade average: 5.97 Thesis: Judging the Judges: A General Framework for Evaluating the Performance of International Sports Judges. Supervisor: Dr. Hugues Mercier
02/2012 – 08/2013 and 09/2008 – 08/2010	B.Sc., Computational Science and Engineering ETH Zurich, Switzerland Grade average: 4.8 Thesis: A module to generate a population-wide social network for agent-based models. Supervisor: Prof. Dr. Kay Axhausen
09/2007 – 08/2018	Assessment year, Computer Science ETH Zurich, Switzerland Grade average: 5.2

PROFESSIONAL EXPERIENCE

- 02/2019 – ongoing **Swiss Institute for Empirical Economic Research (SEW-HSG)**
Role: Research Assistant
Responsibilities: Collaborate on research projects; Supervision of bachelor and master thesis; Teaching and create/correcting exams;
- 02/2018 – 08/2018 **Quantum Analytics**
Role: Data Analyst
Responsibilities: Digitalization of BI processes; Building and operation of data warehouses;
- 05/2014 – 06/2016 **IQVIA (former IMS Health)**
Role: Analyst
Responsibilities: Market analysis and predictions in the pharmaceutical and health care industry; Processing and visualizing results;

RESEARCH PROJECTS

Completed projects

- HEINIGER, S., AND MERCIER, H. Judging the judges: evaluating the accuracy and national bias of international gymnastics judges. *Journal of Quantitative Analysis in Sports* 17, 4 (2021), 289–305
- HEINIGER, S., KOENIGER, W., AND LECHNER, M. The heterogeneous response of real estate asset prices to a global shock. *CESifo Working paper* (2023). ssrn.com/abstract=4363179
- GOLLER, D., AND HEINIGER, S. A general framework to quantify the event importance in multi-event contests. *arXiv preprint* (2022). <https://arxiv.org/abs/2207.02316>
- HEINIGER, S., AND MERCIER, H. Judging the judges: A general framework for evaluating the performance of international sports judges. *arXiv preprint* (2018). <https://arxiv.org/abs/1807.10055>

Ongoing Research Projects

- Model selection property of the matrix completion method in causal panel data models.
- Common support violations in causal forest estimators (with M. Lechner and F. Muny).
- Identification of factors driving the prevalence of match-fixing in professional sports (with E. Brox and M. Lechner)

Journal Reviews

- Sports Economics Review (02/2023)
- Journal of Sports Analytics (08/2021)
- Journal of Sports Analytics (06/2020)

LANGUAGES

German (native)
English (fluent)
French (proficient)

PROGRAMMING LANGUAGES

R (Proficient Computing and Programming)
Python (Proficient Computing and Programming)
C++ (Proficient Computing and Programming)
SQL (Advanced Computing)
SAS (Advanced Computing)

MILITARY SERVICE

Deputy Commander, Pz Aufkl Stabskp 11/0, First lieutenant
Training: KS 22, Lvb Pz/Art Thun, 11/2010 – 12/2011

REFERENCE

Prof. Dr. Michael Lechner (Ph.D. supervisor)

Professor at University of St.Gallen
Varnbuelstrasse 14, 9000 St.Gallen, Switzerland
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Prof. Dr. Winfried Koeniger (Co-author)

Professor at University of St.Gallen
Varnbuelstrasse 14, 9000 St.Gallen, Switzerland
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Dr. Michael Knaus (Former Co-worker at SEW-HSG)

Assistant Professor at University of Tübingen
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