

Curriculum Vitae

PERSONAL INFORMATION

Personal Data	Sandro Heiniger Birth date: 30 December 1990 Nationality: Swiss Civil status: Single
Contact	Kanzleistrasse 202 8004 Zürich Switzerland Tel.: +41 (0) 79 270 99 94 Email: sandro.heiniger@unisg.ch Google Scholar: scholar.google.ch/citations?hl=de&user=IrGZRuUAAAAJ Website: heinigersandro.github.io LinkedIn: linkedin.com/in/sandro-heiniger-b53718269/

EDUCATION

02/2019 – 08/2024	Ph.D., Graduate Program in Economics and Finance - Specialization in 'Econometrics' University of St.Gallen, Switzerland Predicate: Magna cum laude Thesis: Essays in Causal Machine Learning 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 – 08/2008	Assessment year, Computer Science ETH Zurich, Switzerland Grade average: 5.2

PROFESSIONAL EXPERIENCE

09/2024 – ongoing	University of St.Gallen Role: Lecturer Responsibilities: Teaching the graduate course 'Big Data Analytics'
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09/2023 – ongoing	UniDistance Schweiz Role: Post-Doc Responsibilities: Teaching undergraduate courses; Collaboration on research projects; Supervision of student projects;
09/2023 – ongoing	Future Food Solutions Role: Co-Founder Responsibilities: Managing director; Product design; Business development; Technical lead;
06/2023 – 08/2023	Study Center Gerzensee Role: Teaching Assistant Responsibilities: Providing academic assistance to courses for central bankers, advanced courses for doctoral students, conferences, and other academic events;
02/2019 – 03/2023	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

HEINIGER, S., KOENIGER, W., AND LECHNER, M. The heterogeneous response of real estate prices during the covid-19 pandemic. *Journal of the Royal Statistical Society Series A: Statistics in Society* (2024), qnae078

GOLLER, D., AND **HEINIGER, S.** A general framework to quantify the event importance in multi-event contests. *Annals of Operations Research* (2023), 1–23

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. Data-driven model selection within the matrix completion method for causal panel data models, 2024. <https://arxiv.org/abs/2402.01069>

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>

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

REFERENCES

Prof. Dr. Anthony Strittmatter (Post-doc supervisor)

Professor at UniDistance Switzerland
Schinerstrasse 18, 3900 Brig, Switzerland
anthony.strittmatter@unidistance.ch

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)

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