

LASARE SAMARTZIDIS

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PROFESSIONAL SUMMARY

A highly motivated and data-driven, code first researcher with a soon-finished PhD in Economics. Experienced in conducting complex research, data and geo-spatial analyses, and working in cross-functional remote teams. Adept at applying open science principles to real-world problems and collaborating with stakeholders across disciplines and domains.

KEY SKILLS

Research & Analysis: Expertise in applying novel perspectives to established problems via quantitative research, including data collection, statistical and geo-spatial analysis, and machine learning methods with a focus on reproducibility.

Project Management: Proven track record of coordinating research projects, timelines, and resources effectively.

Technical Proficiency: Highly skilled in R (including *tidyverse*, *ggplot2*, and *shiny*), with transferable knowledge to Python coding via large language models.

Problem Solving: Strong ability to identify problems and develop innovative, data-driven solutions.

Communication: Experienced in writing reproducible and interactive reports, scientific papers, and presenting findings in 18 international and national conferences.

Team Collaboration: Excellent team player with a focus on achieving common goals and cross-disciplinary work.

Industry Collaboration and Policy-Relevance: Experience working in industry-focused and policy-oriented contexts on applied research projects.

EXPERIENCE

Leibniz Institute of Ecological Urban & Regional Development

11/2020 – Present
Dresden

Scientific Coordinator for the Leibniz Lab Systemic Sustainability (05/2024 – Present)

- Initiated, led and coordinated a cross-institutional team producing inter- and transdisciplinary research.
- Ensured knowledge flows across a wide range of participants and institutions.
- Organised hybrid General Assemblies and workshops.
- Initiated the establishment of an ongoing seminar series.

Scientific Coordinator for the Leibniz Lab Systemic Sustainability (07/2023 – 04/2024)

- Organised and effectively documented meetings.
- Managed and secured information flows.

Doctoral Researcher (11/2020 – Present)

- Independently conceptualised novel research on sustainable regional development.
- Developed reproducible code-first workflows using Git for highly data-driven research.

WIG2 – Scientific Institute for Health Economics and Health System Research

02/2022 – 07/2023
Leipzig

Researcher

- Contributed to a report on hospices in Saxony, Germany, providing geo-spatial computation and visualisation expertise.
- Initiated the development of a Shiny Dashboard.

Researcher

- Contributed to a report on the potentials of a green regional gas industry in Central Germany.
- Contributed to the development of a regional input-output model.
- Coded a Shiny app for the estimation of regional induced demand effects from industrial investments.
- Led student assistants.

EDUCATION

Technical University Dresden

Expected submission end 2025

PhD in Economics

Dresden, Germany

- Dissertation: "Sustainable Regional Development – a complexity economics analysis"
- Relevant Coursework: Macroeconomics of Climate Change, Econometrics, Causal Inference in Applied Economics and Business Economics, Agent-Based Modelling, Writing, Research Data Management, Academic Presentations

Kiel University

2019

Master of Science in Economics

Kiel, Germany

- Thesis: "Who finds what repugnant and why?"
- Supervisors: Prof. Dr. Dennis Snower & Prof. Dr. Ralph Hertwig

Friedrich Schiller University Jena

2014

Bachelor of Science in Business and Economics

Jena, Germany

PUBLICATIONS

Leuker, C., Samartzidis, L., Hertwig, R., and Pleskac, T. J. (2020). When money talks: Judging risk and coercion in high-paying clinical trials. *PloS one*, 15(1):e0227898. doi: [10.1371/journal.pone.0227898](https://doi.org/10.1371/journal.pone.0227898)

Leuker, C., Samartzidis, L., and Hertwig, R. (2021). What makes a market transaction morally repugnant? *Cognition*, 212:104644. doi: [10.1016/j.cognition.2021.104644](https://doi.org/10.1016/j.cognition.2021.104644)

De Castro Mazarro, A., Joshi, N., and Samartzidis, L. (2024). Disrupting comfort: From low-carbon to low-impact cities. *Raumforschung und Raumordnung | Spatial Research and Planning*, 82(4):289–293. doi: [10.14512/rur.2567](https://doi.org/10.14512/rur.2567)

Samartzidis, L., Quatrosi, M., and von Dulong, A. (2025b). Gender and age matter! identifying important predictors for subjective well-being using machine learning methods. *Social Indicators Research*, pages 1–24. doi: [10.1007/s11205-025-03643-5](https://doi.org/10.1007/s11205-025-03643-5)

[\[Data & Code\]](#)

Samartzidis, L. (2025). Synchronisation of regional development - the role of clusters in the regional production network. *Spatial Economic Analysis*, 0(0):1–24. doi: [10.1080/17421772.2025.2532609](https://doi.org/10.1080/17421772.2025.2532609)

[\[Data & Code\]](#)

MANUSCRIPTS UNDER REVIEW

Samartzidis, L., Mundt, P., and Schulz-Gephard, J. (2025a). Input specificity and labour's bargaining power: A production tree approach to functional income distribution. *Economic Modelling*. Under review

[\[Working Paper\]](#) [\[Data & Code\]](#)

MANUSCRIPTS IN PREPARATION

Samartzidis, L. and Van Eynde, R. (2025). Are macroeconomic agent-based models transformation ready? a survey of the current macro abm landscape and its capability to simulate societal transformation via degrowth policies using large language models. Manuscript in preparation

CONFERENCE & WORKSHOP PRESENTATIONS

2019: Wittenberg Interdisciplinary Business Ethics Conference for Young Researchers (WIBEC), Wittenberg, Germany

2020: Cognitive Economics Virtual Conference [\[Summary\]](#)

2021: Advancing Indicators of Regional Structural Change, TechSpace Workshop, Online [\[Programme\]](#); 27th Annual Conference, ISDRS, Online; EAEPE annual conference, Online; 11th Summer Conference in Regional Science of the Gesellschaft für Regionalforschung (GfR), Online [\[Programme\]](#); 2nd Pluralumni Workshop, Bielefeld, 2021

2022: 3rd Pluralumni Workshop, Bielefeld; LNRI Workshop on Regional Economic Inequalities, Paris [\[Programme\]](#)

2023: Winter Seminar - Gesellschaft für Regional Forschung (GfR), Spital am Pyhrn (AT) [\[Programme\]](#); 10th CGDE Doctoral Workshop, Jena [\[Programme\]](#); NetSci annual conference, Vienna (AT) [\[Programme\]](#); EAEPE annual conference, Leeds

2024: Winter Seminar - Gesellschaft für Regional Forschung (GfR), Iglis-Vills (AT) [\[Programme\]](#); 10th International Degrowth Conference/15th Conference of the European Society for Ecological Economics, Pontevedra (ES); 5th Pluralumni Workshop, Duisburg; 28th Conference of the Forum for Macroeconomics and Macroeconomic Policies (FMM), Berlin [\[Programme\]](#)

2025: Guest lecture: University Duisburg-Essen, Online; 11th International Degrowth Conference/18th Conference of the European Society for Ecological Economics, Oslo (BV)

FURTHER EDUCATION

Autumn School InfraTrain 2019: "Applied Econometrics in Environmental and Sustainability Economics", TU Berlin

Seasonal School 2022 on Agent-Based Models in Economics: Theory, Toolkit and Policy Laboratories, Sant'Anna School of Advanced Studies Pisa

Central-German Doctoral Program Economics: Courses on Macroeconomics of Climate Change, Causal Inference in Applied Economics and Business Economics & Econometrics

Graduate Academy of TU Dresden: Workshops on Academic Presentations, Research Data Management, Academic Writing & Third Party Funding

LANGUAGES AND SKILLS

Languages German (native), English (fluent), French (beginner)

Software R (expert), $\text{\LaTeX}$, Python (some experience), LSD (Agent-Based Simulations), Git

SCIENTIFIC INTERESTS

Open Science, Ecological economics, spatial economics, agent-based modeling, economics of structural change, complexity economics, input-output analysis, networks

REFERENCES

Prof. Dr. Artem Korzhenevych

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