Research outputs

Journal articles

Modeling interregional research collaborations in German biotechnology using industry directory data
Mitze, T. & Strotebeck, F., 1 Feb 2019, In : Data in Brief. 22, p. 169-180

When interaction matters: the contingent effects of spatial knowledge spillovers and internal R&I on firm productivity
Mitze, T. & Makkonen, T., 1 Jan 2019, In : Journal of Technology Transfer.

A look behind the curtain: Measuring the complex economic effects of regional structural funds in Germany

Determining factors of interregional research collaboration in Germany's biotech network: Capacity, proximity, policy?
Mitze, T. & Strotebeck, F., 2019, In : Technovation. 80-81, p. 40-53

EU regional policy and the neighbour's curse: Analyzing the income convergence effects of ESIF funding in the presence of spatial spillovers

The migration response to local labour market shocks: Evidence from EU regions during the global economic crisis

Centrality and get-richer mechanisms in interregional knowledge networks
Mitze, T. & Strotebeck, F., 2 Nov 2018, In : Regional Studies. 52, 11, p. 1477-1489

Ageing shocks and short-run regional labour market dynamics in a spatial panel VAR approach

Deconstructing the education-Innovation-development nexus in the EU-28 using panel causality and poolability tests

Science and technology cooperation in cross-border regions: A proximity approach with evidence for Northern Europe

Going offshore or better staying in? Spatial relocation strategies and their impact on firm innovativeness

Is there a curse of relocation? Analysing the causal link between offshoring and the innovation performance of (small) firms

Timo Friedel Mitze
Department of Business and Economics
Econometrics and Economic History
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Alsion 2
6400 Sønderborg
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Phone: 65501770
International, intersectoral, or unobservable? Measuring R&D spillovers under weak and strong cross-sectional dependence

Scientific collaboration between ‘old’ and ‘new’ member states: Did joining the European Union make a difference?

The Long Shadow of Port Infrastructure in Germany: Cause or Consequence of Regional Economic Prosperity?

Internal migration, regional labor markets and the role of agglomeration economies

Is There a Purchase Limit on Regional Growth? A Quasi-experimental Evaluation of Investment Grants Using Matching Techniques

Linking collaborative R&D strategies with the research and innovation performance of SMEs in peripheral regions: Do spatial and organizational choices make a difference?

Public debt and growth in German federal states: What can Europe learn?

The tuition fee ‘shock’: Analysing the response of first-year students to a spatially discontinuous policy change in Germany

Measuring Regional Spillovers in Long- and Short-Run Models of Total Factor Productivity, Trade, and FDI
Mitze, T. F., 1 Jul 2014, In : International Regional Science Review. 37, 3, p. 365-389

Does regional science need an experimentalist buzz?

Exploring the spatial variation in quality-adjusted rental prices and identifying hot spots in Berlin’s residential property market
Meulen, P. A. D. & Mitze, T. F., 2014, In : Regional Studies, Regional Science. 1, 1, p. 310-328

The impact of aging on regional employment: Linking spatial econometrics and population projections for a scenario analysis of future labor market outcomes in Nordic regions

The Spatial Dimension of Trade- and FDI-driven Productivity Growth in Chinese Provinces: A Global Cointegration Approach

Does cluster policy trigger R&D activity? Evidence from German biotech contests

Growth effects of regional policy in Germany: Results from a spatially augmented multiplicative interaction model

Does firm size make a difference? Analysing the Effectiveness of Public R&D Subsidies in East Germany
Studiengebühren und das Wanderungsverhalten von Studienanfängern: Eine panel-ökonometrische Wirkungsanalyse

Welche Rolle spielt externes Wissen für das eigene Technologiewachstum? Eine empirische Schätzung von Intersektoralen FuE-Spillovereffekten für OECD Volkswirtschaften

Within and Between Panel Cointegration in the German Regional Output-Trade-FDI Nexus

Mapping Clusters: To see or not to see?
Mitze, T. F., 2011, In: Regional Insights. 2, 2, p. 4

Testing the Neoclassical Migration Model: Overall and Age-Group Specific Results for German Regions

Internal migration, regional labour market dynamics and implications for German East-West disparities: results from a Panel VAR

Trade-FDI linkages in a simultaneous equations system of gravity models for german regional data

20 Jahre deutsche Einheit: ist die ostdeutsche Wirtschaft immer noch "krank"?

Der deutsche Aussenhandel mit den neuen EU-Mitgliedsländern aus Mittel- und Osteuropa: Ein Überblick

Das Handelsvolumen der ostdeutschen Bundesländer mit Polen und Tschechien im Zuge der EU-Osterweiterung: Ergebnisse auf Basis eines Gravitationsmodells

Books and reports
A look behind the curtain: measuring the complex economic effects of regional structural funds in Germany

On the Mutual Dynamics of Interregional Gross Migration Flows in Space and Time

Regional labor market disparities and the evolution of net migration rates among EU regions: how large is the response to the global recession "Shock"?

Books and reports
Simultaneous-equations analysis in regional science and economic geography
Research output: Chapter in Book/Report/Conference proceeding › Book chapter › Research › peer-review

Simultaneous-equations analysis in regional science and economic geography
Research output: Chapter in Book/Report/Conference proceeding › Book chapter › Research › peer-review

The difference that the membership makes: analyzing the impacts of EU accession on cross-border scientific collaboration
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings › Research › peer-review

It's the Debt-Growth Nexus Again – Evidence from a Long Panel of Regional-Government Liabilities
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Simultaneous-equations Analysis in Regional Science and Economic Geography
Research output: Book/anthology/thesis/report › Report › Research › peer-review

The Effect of Tuition Fees on Student Enrollment and Location Choice – Interregional Migration, Border Effects and Gender Differences
Research output: Book/anthology/thesis/report › Report › Research › peer-review

The Effect of Tuition Fees on Student Enrollment and Location Choice: Interregional Migration, Border Effects and Gender Differences
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Does Cluster Policy Trigger R&D Activity? – Evidence from German Biotech Contests
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Empirical Modelling in Regional Science: Towards a Global Time-Space-Structural Analysis
Research output: Book/anthology/thesis/report › Book › Research › peer-review

Parameters of Regional Cooperative Behavior in the German Biotech Industry – A Quantitative Social Network Analysis
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Research output: Book/anthology/thesis/report › Report › Research › peer-review
The Spatial Dimension of Trade- and FDI-driven Productivity Growth in Chinese Provinces – A Global Cointegration Approach
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Evaluating EU Regional Policy: Many Empirical Specifications, One (Unpleasant) Result
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Regional heterogeneity in consumption due to current income shocks: New evidence from the Permanent Income Hypothesis
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Regionale Wachstumseffekte der GRW-Förderung? - Eine räumlich-ökonometrische Analyse auf Basis deutscher Arbeitsmarktrregionen
Research output: Chapter in Book/Report/Conference proceeding › Book chapter › Research › peer-review

Network Dependency in Migration Flows – A Space-time Analysis for Germany since Re-unification
Mitze, T., 2010, Rheinisch-Westfälisches Institut für Wirtschaftsforschung, Ruhr-Universität Bochum, Universität Dortmund, Universität Duisburg-Essen.
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Testing the Neoclassical Migration Model: Overall and Age-Group Specific Results for German Regions
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Within and Between Panel Cointegration in the German Regional Output-Trade-FDI Nexus
Mitze, T., 2010, Rheinisch-Westfälisches Institut für Wirtschaftsforschung, Ruhr-Universität Bochum, Universität Dortmund, Universität Duisburg-Essen.
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Endogeneity in Panel Data Models with Time-Varying and Time-Fixed Regressors: To IV or not IV?
Mitze, T., 2009, Rheinisch-Westfälisches Institut für Wirtschaftsforschung, Ruhr-Universität Bochum, Universität Dortmund, Universität Duisburg-Essen.
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Internal Migration, Regional Labour Market Dynamics and Implications for German East-West Disparities – Results from a Panel VAR
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Trade-FDI Linkages in a System of Gravity Equations for German Regional Data
Research output: Book/anthology/thesis/report › Report › Research › peer-review

Forecasting the EMU inflation rate: Linear econometric vs. non-linear computational models using genetic neural fuzzy systems
Forecasting the EMU inflation rate - Linear econometric versus non-linear computational models
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings › Research › peer-review

Inflation forecasting: A comparison between econometric methods and a computational approach based on genetic-neural fuzzy rule-bases
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings › Research › peer-review

Other research outputs
More publicly funded research, more knowledge spillovers, more economic growth? An empirical analysis for German regions
Eberle, J., Brenner, T. & Mitze, T. F., 1 Jan 2018, Philippus-University Marburg, 46 p. (Working Papers on Innovation and Space; No. 01.18).
Research output: Working paper › Research › peer-review

Economic integration and growth at the margin: A space-time incremental impact analysis
Research output: Working paper › Research › peer-review

Future employment patterns in the regions of the Nordic countries: Forecasting and testing regional employment
Research output: Contribution to conference without publisher/journal › Conference abstract for conference › Research

Communication
The EU is good for collaboration but doesn't level the playing field
Research output: Contribution to journal › Contribution to newspaper - Comment/debate › Communication

Arbejdskraftens vandringer i Danmark - regionale forskelle set i lyset af den seneste recession
Research output: Contribution to journal › Journal article › Communication

Activities
Editorial work
Emerging Markets Finance and Trade (Journal)
Timo Friedel Mitze (Peer reviewer)
25 Jun 2018 → 25 Jul 2018
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Regional Studies (Journal)
Timo Friedel Mitze (Peer reviewer)
1 Jun 2018 → 1 Jul 2018
Activity: Editorial work and peer review › Peer review of manuscripts › Research
Regional Studies (Journal)
Timo Friedel Mitze (Peer reviewer)
15 Nov 2017 → 15 Dec 2017
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Economic Systems Research (Journal)
Timo Friedel Mitze (Peer reviewer)
1 Nov 2017 → 1 Dec 2017
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Economics and Business Letters (Journal)
Timo Friedel Mitze (Peer reviewer)
1 Oct 2017 → 1 Nov 2017
Activity: Editorial work and peer review › Peer review of manuscripts › Research

European Planning Studies (Journal)
Timo Friedel Mitze (Peer reviewer)
15 Aug 2017 → 15 Sep 2017
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Regional Studies (Journal)
Timo Friedel Mitze (Peer reviewer)
1 Aug 2017 → 1 Sep 2017
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Applied Economics (Journal)
Timo Friedel Mitze (Peer reviewer)
1 Jun 2017 → 1 Jul 2017
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Papers in Regional Science (Journal)
Timo Friedel Mitze (Peer reviewer)
1 Feb 2017 → 1 Mar 2017
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Applied Economics (Journal)
Timo Friedel Mitze (Peer reviewer)
15 Oct 2016 → 15 Nov 2016
Activity: Editorial work and peer review › Peer review of manuscripts › Research

China Economic Review (Journal)
Timo Friedel Mitze (Peer reviewer)
1 Sep 2016 → 1 Oct 2016
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Growth and Change (Journal)
Timo Friedel Mitze (Peer reviewer)
15 Aug 2016 → 15 Sep 2016
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Regional Studies (Journal)
Timo Friedel Mitze (Peer reviewer)
1 Aug 2015 → 1 Sep 2015
Activity: Editorial work and peer review › Peer review of manuscripts › Research
Bulletin of Economic Research (Journal)
Timo Friedel Mitze (Peer reviewer)
15 Jun 2015 → 15 Jul 2015
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Journal of Common Market Studies (Journal)
Timo Friedel Mitze (Peer reviewer)
1 Jan 2015 → 1 Feb 2015
Activity: Editorial work and peer review › Peer review of manuscripts › Research

Memberships and boards
Verein für Socialpolitik (External organisation)
Timo Friedel Mitze (Member)
3 Oct 2015 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Review committees
Kiel University (External organisation)
Timo Friedel Mitze (Participant)
1 May 2015 → 1 Oct 2016
Activity: Membership › Membership of review committee

Conferences
A look behind the curtain – Measuring the complex economic effects of public investment programmes using a regional economic model
Timo Friedel Mitze (Speaker)
25 Jan 2018 → 26 Jan 2018
Activity: Talks and presentations › Conference presentations

SDU Workshop on "Urban, Regional & International Economics"
Timo Friedel Mitze (Organizer)
11 Oct 2017
Activity: Attending an event › Conference organisation or participation

Heterogeneous migration responses to individual life events and associated demographic change in Denmark
Timo Friedel Mitze (Speaker)
29 Aug 2017 → 1 Sep 2017
Activity: Talks and presentations › Conference presentations

Spread out your gown and fly? Early career effects of graduate migration in the Danish labour market
Timo Friedel Mitze (Speaker)
29 Aug 2017 → 1 Sep 2017
Activity: Talks and presentations › Conference presentations

The nonlinear geography of innovation co-operations among EU regions
Timo Friedel Mitze (Speaker)
28 Nov 2016 → 29 Nov 2016
Activity: Talks and presentations › Conference presentations

SDU Workshop on "Urban, Regional & International Economics"
Timo Friedel Mitze (Organizer)
23 Nov 2016
Activity: Attending an event › Conference organisation or participation

Do too many cooks really spoil the broth? Using spatio-temporal variations of Michelin stars as an indicator for local creative amenities
Timo Friedel Mitze (Speaker)
2 Jul 2015 → 3 Jul 2015
Activity: Talks and presentations › Conference presentations

The impact of ageing "shocks" on regional labor market dynamics in Scandinavian regions
Timo Friedel Mitze (Speaker)
Activity: Talks and presentations › Conference presentations

Talks and presentations

The Empirics of Innovation and Business Clusters
Timo Friedel Mitze (Guest lecturer)
7 Mar 2018 → 13 Mar 2018
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Analysing Panel and Spatial Data
Timo Friedel Mitze (Guest lecturer)
10 Sep 2017 → 15 Sep 2017
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Spatial Data Analysis
Timo Friedel Mitze (Guest lecturer)
11 Jul 2017 → 12 Jul 2017
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

The Empirics of Innovation and Business Clusters
Timo Friedel Mitze (Guest lecturer)
6 Mar 2017 → 11 Mar 2017
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Analysing Panel and Spatial Data
Timo Friedel Mitze (Guest lecturer)
25 Sep 2016 → 30 Sep 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Teaching portfolio

Pedagogical Idea
Educating students in an activating and inspiring way, being a trustworthy supervisor and at the same time being a respectable representative of the higher education system - all these aspects are essential for my self-conception as university professor. And from a personal perspective it is even more: It is a versatile, interesting and demanding day-to-day work challenge, which gives me the opportunity to create values by educating, supervising and mentoring eager students, by translating my research results into teaching materials and providing research-based input for the general public debate.

Being currently positioned as an associate professor at the University of Southern Denmark (SDU) after having worked for
many years as a researcher in private and public research institutions with relatively few teaching obligations, I feel that this broadened job profile of a university professor, which involves the balancing and fruitful exchange of research and education activities, translates into a very high job satisfaction for myself. And I am convinced that this also filters through to my regular teaching activities and my overall teaching philosophy.

Developing a teaching philosophy is a long-lasting process, which never really comes to an end. However, throughout the last years I have built up a stock of teaching skills and competences through regular lecturing and supervision experiences. Moreover, I have successfully gained the SDU certificate for Teaching in English and have completed the SDU’s Lecturer Training Programme (LTP), which provides an important platform to get peer supervision for daily teaching activity, learn about new pedagogical methods and exchange my experience with my fellow colleagues at SDU.

The LTP also helped me to shape a clear vision of my teaching philosophy: To me, teaching means to inspire my students to seize the unique spirit of academic work, to think and act analytically as well as to motivate students to build up and apply the knowledge, skills and competences they need for their own career choices.

I regard teaching as being more than just communicating expert knowledge. It incorporates also the provision of hands-on examples to emphasize the knowledge presented in the literature, the provision of appropriate learning and working tools (such as computer software but also general writing skill) as well as opening up the possibility to students to apply their acquired knowledge in real-life settings. And finally, for me it is also important to create a class atmosphere that is stimulating and enables a good communication between the students and the lecturer as well as among the students themselves.

**Pedagogical competences**

Throughout the last years I have gained considerable experience in teaching activities for students at the Bachelor, Master and PhD level. Moreover, I have also presented my research papers at various international conferences. Presenting these findings in front of a large audience also helped me to train and improve my public speaking and presentations skills. With regard to teaching evaluations, I have predominately received a positive feedback (*) from my students and have been awarded with the BHJ Fondens Teaching Award for the best lecturer performance in Business and Social Science programs at SDU Campus Sønderborg in 2013, which is based on student votes.

(*) Obviously, I am aware that pleasing the students in class (and receiving positive course evaluations) should not be the only goal of teaching. It may well be necessary to evoke the students’ displeasure (and thus risk to receive a bad student evaluation) if a heavy workload is needed to achieve the overall course aim. Thus, the teacher’s and students’ objective function is not always identical. Nevertheless, I always try to be in a good communication with the students, respect their needs and feedback. I am well aware that it is them – and their learning outcome – that should be ultimately the key focus of my teaching activity.

I am continuously working on conceptual teaching projects that shall improve my own teaching skills as well as contribute to the steady improvement of the teaching quality at the Department of Business & Economics at the SDU. I will give two recent examples here. A first project Development of an Introductory Toolbox for Spatial Business Development has been funded by the Faculty of Business and Social Sciences. The goal of the project is to build up case studies and associated e-learning materials for courses related to spatial economics and business development being taught at the business management programs at SDU.

In the course of the project, we have formed a project team consisting of two professors and three student assistants. The main task has been to build up self-containing case studies in the area of spatial business development (e.g. logistic and supply chain optimization, location decisions of mobile firms and entrepreneurs). This combination of theoretical case study work and hands-on software application constitutes the toolbox and intends to equip the students with the necessary theories and competences in spatial business development, which they will then need to apply to real-life settings.

Another conceptual teaching project is a spin-off from my LTP activities and has been conducted in cooperation with a fellow professor at the SDU. The project covers teaching experiments and student surveys on the topic of Enterlecturing - Are entertainment activities a proper means to improve the quality of lecturing practice in higher education?

In the course of these teaching experiments, we have introduced different teaching innovations related to the use of entertaining activities such as the use of interactive polls, classroom games, complementary events outside the lecture hours (e.g. movie nights based on documentary films, a European election debate with Danish candidates for the EU parliament), automated PowerPoint presentations with different media elements, writing workshops etc.

The students have then been asked to report their perception of these teaching innovations by means of different surveys. The results of the experiments have been documented in a working paper. They show that students generally perceive education and entertainment as two complementary elements that are jointly able support to the learning outcome and understanding of the topic. The results further show that a sound balance between profound teaching and an interactive and lively class environment is needed to provide a positive stimulus for the overall motivation and in-depth learning outcome of students.
Teaching and supervision

Innovation and Business Clusters

Information
Teaching period 01/09/2018 → 31/12/2018
Target group Bachelor
ECTS credits 5,0 ECTS
Subject Director Mitze, T. F., Schmidt, T. D.
Managing organisational unit Department of Business and Economics

Supervision
Ph.d. Co-Supervisor

Descriptions
Description Nino Javakhishvilli Larsen

Information
Teaching period 01/07/2013 → …
Target group Ph.D
Subject Director Mitze, T. F.
Managing organisational unit Department of Business and Economics

Press/Media

Forsker fik skulderklap af fond
Timo Friedel Mitze, Qi Wang & Lars Duggen
08/02/2014
1 item of media coverage

Pengeregn i Sønderjylland
Torben Dall Schmidt, Elisabeth Vestergaard, Lars Duggen, Qi Wang, Timo Friedel Mitze, Andreas P. Cornett & Svend Hollensen
11/02/2014
1 item of media coverage