

Simon Reif

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Current Positions

- since 10/2023 Professor of Economics (Health Care Markets)
University of Erlangen-Nürnberg
- since 01/2021 Head of Health Care Markets and Health Policy Research Group
ZEW – Leibniz Centre for European Economic Research

Research Interest: Health Care Market Structure, Reimbursement Schemes, Digital Health

Education

- 09/2014 - 09/2018 Economics, *PhD*, **University of Erlangen-Nuremberg**
- 10/2012 - 08/2014 Economics, *Master of Science (Research Track)*, **University of Munich**
- 10/2008 - 08/2012 Sozialökonomik, *Bachelor of Arts*, **University of Erlangen-Nuremberg**
- 09/2010 - 07/2011 Economics, *Bachelor of Science*, **University of Hull**

Visits & Affiliations

- since 06/2020 Member, **Leibniz Science Campus Ruhr**, Essen.
- since 06/2017 Affiliate, **Health, Econometrics and Data Group**, University of York.
- since 08/2015 Visiting Researcher, **RWI - Leibniz Institute for Economic Research**, Essen.
- 10/2015 - 11/2018 Affiliate, **IDK Evidence Based Economics**, Graduate Program of the Universities of Munich, Erlangen-Nuremberg and Regensburg by the Elite Network of Bavaria.
- 04/2017 - 06/2017 Visiting Researcher, **Center for Health Economics**, University of York.
Hosts: Hugh Gravelle and Giuseppe Moscelli

Research

Journal Articles

- ▶ Brönneke, J., A. Herr, A. Stern and S. Reif (2023), **"Dynamic HTA for Digital Health Solutions: Opportunities and Challenges for Patient-Centered Evaluation"** accepted at *International Journal of Technology Assessment in Health Care*.
- ▶ Reif, S., S. Schubert, F. Husri, M. Pauschinger, T. Fischlein, J. Stiefel and J. Klucken (2022) **"Supporting heart failure patients with digital therapeutics - A Pilot Study in Germany"** In *Digital Health*, Vol. 8, 1-8.
- ▶ Stern, A., J. Broenneke, J. Debatin, J. Hagen, H. Matthies, S. Patel, I. Clay, B. Eskofier, A. Herr, K. Hoeller, A. Jaksa, D. Kramer, M. Kyhlstedt, K. Lofgren, N. Mahendraratnam, H. Muehlan, S. Reif, L. Riedemann and J. Goldsack (2022) **"Advancing digital health applications: Priorities for innovation in real-world evidence generation"** In *The Lancet Digital Health*, Vol. 4: pp. e200-06.
- ▶ Billner, M., S. Reif, German Burn Registry and B. Reichert (2022) **"The Effect of Self-Inflicted Burns on ABSI Score Prediction Power: a four-year prospective multicenter study of the German Burn Registry"** In *Burns*, Vol. 48(7): pp. 1710-1718.
- ▶ Bünnings, C., L. Hafner, S. Reif and H. Tauchmann (2021) **"In Sickness and in Health? Health Shocks and Relationship Breakdown: Empirical Evidence from Germany"**, In *Journal of Economic Behavior & Organization*, Vol. 190: pp. 164-190.
- ▶ Reif, S, L. Hafner and M. Seebauer (2020) **"Physician behavior under prospective payment schemes - Evidence from artefactual field and lab experiments"**, In *International Journal of Environmental Research and Public Health*. Vol. 17, 5540.

- ▶ Marcus, J., S. Reif, A. Wuppermann and A. Rouche (2020) **”Increased instruction time and stress-related health problems among school children”**, In *Journal of Health Economics*, Vol. 70, 102256.
- ▶ Reif, S., S. Wichert and A. Wuppermann (2018) **”Is it good to be too light? Birth weight thresholds in hospital reimbursement systems”**, In *Journal of Health Economics*, Vol. 59: pp. 1-25.
- ▶ Billner, M., A. Wirthmann, S. Reif and U. Rieger (2016) **”Poly Implant Prothèse and Rofil substandard breast implant explantations from a large German single center from 2011 to 2014 – a comparative study”** In *Aesthetic Plastic Surgery*, Vol. 40: pp. 507-513.

Discussion Papers.....

- ▶ Reif, S. and S. Schubert (2023) **”Hospital Capacity Reporting in Germany During COVID-19”**, *ZEW Discussion Paper No. 23-021*.
- ▶ Quis, J. S. and S. Reif **”Does length really matter? New evidence on the link between years of education and health”**. Previous version **”Health Effects of Instruction Intensity - Evidence from a Natural Experiment in German High-Schools”** circulated as *FAU Discussion Papers in Economics No. 12-2017*

Work in Progress.....

- ▶ Valder, F., Reif, S. and H. Tauchmann **”Diagnosis Related Payment for Inpatient Mental Health Care: Hospital Selection and Effects on Length of Stay”**
- ▶ Reif, S. **”The life saving effects of Emergency Medical Services”**
- ▶ Reif, S., H. Tauchmann und F. Zorzi. **”Rebate contracts and waiting times for drugs”**

Reports in German.....

- ▶ Andres, R., J. Axenbeck, I. Bertschek, P. Breithaupt, R. Janßen, E. Kollmann, T. Niebel, S. Reif and M. Seifried (2021), **”Metastudie – Chancen und Herausforderungen der Digitalisierung in Baden-Württemberg”**. Ministerium für Inneres, Digitalisierung und Migration Baden-Württemberg, Mannheim.
- ▶ Reif, S. and S. Schubert (2021) **”Vorsorgelücke während der Coronavirus-Pandemie – Vorsorgeuntersuchungen in der Krise”**, ZEW-Kurzexpertise Nr. 21-02, Mannheim.
- ▶ Augurzky, B., S. Decker, A. Mensen and S. Reif (2020) **”BARMER Krankenhausreport 2020 - Volume Outcome im Krankenhaus ”**. bifg Schriftreihe zum Gesundheitswesen - Band 25.
- ▶ Augurzky, B., T. Korfhage, S. Reif and D. Reifferscheid (2019) **”Reformvorschläge für die Krankenhausabrechnung und MDK-Abrechnungsprüfung”**. Projektbericht im Auftrag des Verband der Ersatzkassen e. V. (vdek).
- ▶ Augurzky, B., Haering, A. and S. Reif (2019) **”Ausbildungspauschalen für die generalistische Pflegeausbildung in NRW - Endbericht”**. RWI Projektbericht im Auftrag der Krankenhausgesellschaft Nordrhein-Westfalen.

Academic Presentations

Invited Keynotes and Panels.....

”Reimbursement for VR in Medicine” at VR4Rehab Conference (Amsterdam, 07/2023); ”Digital Health in Germany” at APACMed Policy Forum (Online, 05/2023); ”Economics of Medical Devices and Diagnostics” at the InfectoGnostics Research Campus (Jena, 05/2023); ”Health Insurance Perspective on Patient-Centric Drug Development” at APV Winter Conference (01/2023, Salzburg); ISPOR Conference Plenary Session ”HTA on the Run” (Washington D.C., 05/2022); Harvard-MIT RegSci Workshop (Online, 10/2021);

Conferences, Workshops and Seminars

- 2023: EuHEA PhD Conference (Discussant, Bologna, 08/2023); Copenhagen Business School (06/2023); Conference of the Competition Law and Economics European Network (Discussant, Mannheim, 05/2023);
- 2022: dggö section "Allocation & Distribution" Workshop (Halle, 11/2022); Digital Medicine Conference Luxembourg (Esch-sur-Alzette, 10/2022); Health Economics Committee VfS (Mannheim, 10/2022); EuHEA PhD Conference (Discussant, Galway, 08/2022); EuHEA Conference (Oslo, 07/2022); University of Southern Denmark (virtual, 05/2022); dggö Conference (Hamburg, 03/2022);
- 2021: dggö section "Allocation & Distribution" Workshop (Mannheim, 11/2021); ; SHIFT Medical 2021 (online, 09/2021); EuHEA PhD Conference (Discussant, online, 08/2021); Essen Economics of Mental Health Workshop (Discussant, online, 07/2021); 19th ZEW Conference on the Economics of Information and Communication Technologies (Discussant, online, 06/2021)
- 2020: dggö section "Health Econometrics" Workshop (Discussant, online, 11/2020); dggö section "Allocation & Distribution" Workshop (Discussant, online, 11/2020); University of Hannover (online, 06/2020);
- 2019: dggö section "Health Econometrics" Workshop (Nürnberg, 11/2019); European Workshop on Econometrics and Health Economics (Leuven, 09/2019); EuHEA PhD Student-Supervisor Conference (Discussant, Porto, 09/2019); Essen Economics of Mental Health Workshop (Essen, 06/2019); TU Munich (Munich, 06/2019); CINCH Academy (Essen, 04/2019);
- 2018: dggö section "Health Econometrics" Workshop (Essen, 11/2018); BGPE Research Workshop (Ingolstadt, 06/2018); TU Berlin (04/2018); RWI - Leibniz Institute for Economic Research (Essen, 04/2018); dggö Conference (Hamburg, 03/2018);
- 2017: CINCH Monday Seminar (Essen, 11/2017); European Workshop on Econometrics and Health Economics (Prague, 09/2017); Jahrestagung Verein für Socialpolitik (Vienna, 09/2017); ESPE Conference (Glasgow, 06/2017); Center for Health Economics (York, 06/2017); dggö Conference (Basel, 03/2017); Auswirkungen der G8-Schulreform (Berlin, 03/2017);
- 2016: 4th Workshop in Behavioral and Experimental Health Economics (Poster, Cologne, 12/2016); dggö section "Health Econometrics" Workshop (Discussant, Munich, 12/2016); EuHEA Conference (Hamburg, 07/2016); dggö Conference (Berlin 03/2016);
- 2015: dggö section "Health Econometrics" Workshop (Essen, 12/2015); Essen Workshop on Experimental Economics (Essen, 10/2015); European Workshop on Econometrics and Health Economics (Discussant, Paris, 09/2015); IIPF Congress (Dublin, 08/2015); BGPE Research Workshop (Passau, 07/2015); ESPE Conference (Izmir, 06/2015); dggö Conference (Bielefeld, 03/2015);

Knowledge Transfer

Opinion in the legislative process

"Stellungnahme der dggö zum Referentenentwurf des BMG des Gesundheitsdatennutzungsgesetz – GDNG" (08/2023, with Amelie Wuppermann).

Guest contributions

"Im Gesundheitswesen braucht es mehr Ökonomie" (Frankfurter Allgemeine Zeitung, 06/2023, with Achim Wambach); "Wege zu einem klugen Gesundheitssystem" (Makronom, 03/2022);

Selected Coverage

Deutsches Ärzteblatt, Focus Online, Frankfurter Allgemeine Sonntagszeitung, Handelsblatt, heute.de, MDR, Rheinische Post, RTL Punkt12, Stuttgarter Zeitung, SWR, t-online.de, tagesschau.de, Tagesthemen, Tagesspiegel, Wirtschaftswoche.

General Interest Talks

"Zukunft der Krankenhausfinanzierung" (Leibniz Book a Scientist, 11/2021); "Digitale Medizin - zwischen Hype und Evidenz" (Lions Club Nürnberg, 9/2021); "Wie wissen wir ob Gesundheitsapps etwas bringen?" (Leibniz Book a Scientist, 03/2021); "Evaluation of Digital Health" (H+ Healthcare Deep Dive, 11/2020);

Science Slam

Ludwigsburg (10/2018); Karlsruhe (09/2018); Karlsruhe (03/2018); Frankfurt am Main (11/2017); Mannheim (10/2017); Berlin (08/2017); Mainz (02/2017); Frankfurt am Main (01/2017); Hannover (11/2016); Ulm (05/2016); Berlin (03/2016); München (01/2016); Darmstadt, Düsseldorf (11/2015); Tübingen, Würzburg (10/2015); Karlsruhe, München (06/2015); Berlin (03/2015); Hamburg (02/2015); Erlangen, Nürnberg (01/2015); Berlin (12/2014); Künzelsau, Köln (11/2014); Esslingen (10/2014); Erlangen, München (07/2014); Karlsruhe (06/2014); Berlin, Ulm (05/2014); Hamburg (12/2013); Bamberg, Nürnberg (10/2013);

Service to the Profession

Journal Reviews

International Journal of Environmental Research and Public Health (2×); *Journal of Health Economics* (2×); *Health Economics* (4×); *Health Policy* (2×); *PLOS ONE*;

Other Reviews

EFI Jahresgutachten zu Forschung, Innovation und technologischer Leistungsfähigkeit Deutschlands 2022; *EBE Summer Meeting 2018*; *EBE Summer Meeting 2016*;

Workshop Organization

- ▶ 34th VfS Health Economics Workshop, 6-8 November 2022 in Mannheim.
- ▶ 12th dggö Allocation & Distribution Workshop, 12-13 November 2021 in Mannheim.
- ▶ 6th dggö Health Econometrics Workshop, 21-22 November 2019 in Nürnberg.
- ▶ 2nd Evidence-Based-Economics Summer Meeting, 28-30 June 2018 in Herrsching (Ammersee).

Third Party Funded Projects

*Project Leader

- 01/2023 - 11/2023 **Kontaktzeit in der hausärztlichen Versorgung in Europa***
(*Physician-Patient contact time in European GP care*)
Principal: **Strube Stiftung**; Contractor: **ZEW Mannheim**;
Team: J. Köhler, S. Reif, S. Schubert.
- 04/2021 - 04/2024 **Konzeption und Auswertung einer Evaluationsstudie zum Nutzen einer digitalen Gesundheitsanwendung für Patientinnen und Patienten mit Herzinsuffizienz***
(*Evaluation of a digital therapeutic for heart failure patients*)
Principal: **dmac / ProCarent**; Contractor: **ZEW Mannheim**;
Team: S. Reif, S. Schubert.
- 02/2021 - 03/2021 **Chancen und Herausforderungen der Digitalisierung in Baden-Württemberg 2021**
(*Opportunities and Challenges of Digitalisation in Baden-Wuerttemberg 2021*)
Principal: **Ministerium für Inneres, Digitalisierung und Migration Baden-Württemberg** ; Contractor: **ZEW Mannheim**;
Team: I. Bertschek, R.Andres, J. Axenbeck, P. Breithaupt, S. Gottschalk, R. Janßen, E. Kollmann, M. Lauer, T. Niebel, C. Rammer, S. Reif, B. Schuck, M. Seifried.
- 10/2019 - 09/2020 **BARMER-Krankenhausreport 2020***
(*BARMER Hospital Report 2020*)
Principal: **Barmer Ersatzkasse**; Contractor: **RWI Essen**;
Team: B. Augurzky, S. Decker, A. Mensen, S. Reif.

03/2019 - 09/2019 **Reformvorschläge für die Krankenhaus-Abrechnungsprüfung**
(*How to reform hospital reimbursement auditions*)
Principal: **vdek - Verband der Ersatzkassen**;
Contractor: **hcb Institute for Health Care Business & rwi consult**;
Team: B. Augurzky, T. Korfhage, S. Reif, A. Reifferscheid.

05/2018 - 01/2019 **Ausbildungspauschale in der generalistischen Pflegeausbildung**
(*Estimating the costs for generalist nurse education*)
Principal: **Krankenhausgesellschaft NRW**; Contractor: **RWI Essen**;
Team: B. Augurzky, A. Haering, S. Reif.

Teaching Experience

♥FAU Erlangen-Nuremberg; #University of Mannheim; †Lutheran University of Applied Sciences Nuremberg.

Lecturer

Leveling Course Econometrics ♥ (Eng), BA	Winter 2016/17 - 2017/18
Health Economics Seminar ♥ (Ger), BA	Summer 2015, 2016, 2018, 2019, 2020
Introduction to Health Economics † (Ger), BA	Winter 2017/18, 2019/20, 2021/22
Empirical Economics † (Ger), MA	Winter 2018/19 - 2019/20, 2021/22
Introduction to Economics † (Ger), BA	Winter 2019/20 - 2023/24, Summer 2021-2022
Supply of Medical Services ♥ (Eng), MSc	Summer 2018, 2021
Topics in Health Economics # (Eng), MSc	Summer 2021

Teaching Assistant

Applied Econometrics ♥ (Eng), MSc	Winter 2015/16 - 2020/21
Econometrics I ♥ (Ger), MSc	Winter 2014/15
Health Economics I ♥ (Ger), MSc	Winter 2015/16 - 2019/20
Economics of Health Insurance ♥ (Eng), MSc	Summer 2016 - 2019
Health Care Markets ♥ (Ger), BA	Summer 2020

Thesis Advisor

Supervision of 11 Bachelor and 12 Master theses in the area of health economics and applied econometrics.

PhD Student Co-Supervision

Sabrina Schubert (since 02/2021), Yasemin Karamik (since 09/2021), Jan Köhler (since 03/2022), Paul Peters (since 10/2022), Theresa Bolz (since 07/2023).

Awards, Grants & Scholarships

02/2022	Dr. Theo & Friedl Schöller Forschungszentrum , Fellow, € 20,000
12/2021	Hermann-Gutmann-Foundation Publication Award , € 700
09/2021	One of 30 "Vordenker" 2021 (Handelsblatt & Boston Consulting Group)
05/2021	One of ten promising young economists (Wirtschaftswoche)
04/2021	Forum Gesundheitsstandort BW (with A. Wambach), € 498,775
01/2020	FAU Emerging Talents Initiative , € 14,000
12/2019	Hermann-Gutmann-Foundation Publication Award , € 700
10/2019	STAEDTLER Foundation Dissertation Award , € 3,500
03/2019	Research Grant FAU Unibund (with H. Tauchmann), € 5,300
03/2019	dggö Best Paper Award (with S. Wichert and A. Wuppermann), € 2,500
03/2017	Research Grant Hans-Frisch Foundation (with H. Tauchmann), € 4,700
06/2015	Allgäu-Orient-Rallye , 4th Place

Past Professional Experience

03/2020 - 11/2020 Health Economic Consultant, **Digital Health Application Center GmbH**
05/2018 - 08/2020 Senior Researcher, **RWI - Leibniz Institute for Economic Research**
09/2014 - 10/2020 Research & Teaching Assistant, **University of Erlangen-Nuremberg**
10/2017 - 03/2018 M.Sc. Economics Coordinator, **University of Erlangen-Nuremberg**
10/2015 - 09/2016 M.Sc. Economics Coordinator, **University of Erlangen-Nuremberg**
10/2012 - 07/2014 Student Assistant, **University of Munich**
10/2012 - 07/2014 Internship, **GfK SE**
10/2011 - 09/2012 Student Assistant, **University of Erlangen-Nuremberg**
07/2011 - 09/2011 Internship, **City Council Nuremberg**
08/2010 - 09/2010 Internship, **Datev eG**

Postgraduate Courses

Economics

Data science fundamentals (G. McDermott); Hospital Economics (L. Siciliani); Selected Topics in Microeconometrics (C. Cameron); Health Plan Payment in Individual Health Insurance Markets (T. McGuire); Simulation Methods in Microeconometrics (P. Ruud); Machine Learning Methods for Text and Other Count Data (S. Hansen); Specification and estimation of structural models (C. Bellemare); Academic Writing (C. Schnabel); Applied Microeconomics - Topics and Methodological Approaches (I. Rasul and S. Ryan); Incentives and Behavior Change (U. Gneezy); Econometric Methods for Causal Effects and Structural Inference (D. Uysal and J. Winter); Behavioral Theory (A. Roider, F. Englmaier, J. Maier, P. Schwardmann, S. Schudy and T. Murooka); Empirical Evaluation Methods (P. Todd); Advanced Econometrics (A. v. Soest); Effective programming practices for economists (H.-M. v. Gaudecker); Data Visualisation & Health Econometrics (A. M. Jones).

Teaching

Bavarian Certificate for University Teaching - Advanced Level: Pedagogics, Presentation & Communication, Examination & Evaluation, Consulting & Advice.

Professional

Leibniz Leadership Academy - Developing Leadership: Self-leadership, leading people, leadership evaluation.

Memberships

BEH-net: Behavioral Experiments in Health Network

dggö: German Society for Health Economics (Chairman Committee “Health Econometrics” 2022-24)

VfS: Association of German Speaking Economists (Member of the Health Economics Committee since 2022)

Skills

Software: HTML, MaxQDA, \LaTeX , Python, R, SPSS, Stata, z-Tree.

Languages: German (native), English (fluent), French (intermediate).

Music: Electric bass, guitar, tambourine.