

CURRICULUM VITAE

STEFAN BOES

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CONTACT

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EDUCATION

12/2007	Dr. oec. publ. (summa cum laude), University of Zurich
10/2003	M.Sc. in Economics, University of Konstanz

PROFESSIONAL EXPERIENCE

02/2016 –	Professor of Health Economics, University of Lucerne
01/2013 – 01/2016	Associate Professor of Health Economics, University of Lucerne
08/2010 – 12/2012	Assistant Professor of Econometrics, University of Bern
04/2010 – 08/2010	Lecturer in Statistics/Econometrics, University of Zurich
04/2008	Lecturer in Statistics, Swiss Finance Institute
11/2007 – 03/2009	Senior Research Associate, University of Zurich

VISITING POSITIONS

10/2018	Visiting Researcher, Harvard T.H. Chan School of Public Health (Host: R. Atun)
2016-2022	Guest lecturer and researcher, University of Münster (Host: S. Nüesch)
05/2012 – 07/2012	Visiting Scholar, Dept. Economics, MIT (Host: J. Angrist)
03/2010	Visiting Scholar, Dept. Economics, Princeton University (Host: B. Honoré)
04/2009 – 04/2010	Visiting Fellow, IQSS, Harvard University (Host: G. Imbens)

RESEARCH INTERESTS

Applied health economics, econometrics, policy evaluation

INSTITUTIONAL RESPONSIBILITIES

03/2024 –	Member of the Board of Directors, medkey AG
02/2023 –	Founding Dean, Faculty of Health Sciences and Medicine (U Lucerne)
08/2022 –	Academic Director, Ph.D. Program in Health Sciences (U Lucerne)
05/2022 –	Member of the Foundation Board, Swiss School of Public Health
07/2021 –	Executive Secretary, European Health Economics Association (EuHEA)
08/2019 –	Academic Director, Bachelor/Master Program in Health Sciences (U Lucerne)
12/2016 –	Vice President, Swiss Society of Health Economics
07/2015 –	Director, Center for Health, Policy, and Economics (U Lucerne)
08/2019 – 01/2023	Vice Principal and Head of Division Health Sciences and Health Policy, Department of Health Sciences and Medicine (U Lucerne)
08/2017 – 12/2019	Academic Director, Intl. Doctoral Courses in Health Economics and Policy, Swiss Society of Health Economics, Swiss School of Public Health
08/2017 – 07/2019	Academic Co-Director, Ph.D. Program in Health Sciences (U Lucerne)
08/2016 – 07/2019	Vice Dean, Faculty of Humanities and Social Sciences (U Lucerne)
08/2015 – 07/2019	Deputy Chair, Department of Health Sciences and Health Policy, Faculty of Humanities and Social Sciences (U Lucerne)
02/2014 – 08/2017	Academic Director, Master Program in Health Sciences (U Lucerne)

MAIN RESEARCH THEMES

- Demand for health insurance and optimal system design
- Health insurance literacy: framework and measurement tools
- Socio-economic inequalities in health and related behaviors
- Health and social impacts of health interventions in developing countries
- Health care financing and incentives of different payment systems
- Human-centered artificial intelligence for value-based health care
- Machine learning and causal inference for policy evaluation
- Econometric modeling of health and related outcomes

TEACHING EXPERIENCE

- Health Economics (Master, Ph.D.)
- Applied Health Economics and Econometrics (Master, Ph.D.)
- Health Policy Evaluation (Master)
- Economic Evaluation in Health Care (Master)
- Quantitative Methods and Econometrics (Master, Ph.D.)
- Seminars and workshops in health sciences and health economics (Master, Ph.D.)
- Academic writing and good research practice (Ph.D.)
- Curriculum development of health sciences programs on the Bachelor, Master, and Ph.D. levels,
including the implementation of innovative teaching didactics and e-learning teaching environments
- Regular lectures and presentations in continuing education programs at the University of Lucerne,
the University of Michigan Medical School (Department of Learning Health Sciences), and
the Harvard Medical School (Safety, Quality, Informatics and Leadership Program)

COMPETITIVE RESEARCH FUNDING AND OTHER FUNDING

- State Secretariat for Education, Research and Innovation & Swiss Conference of Higher Education Institutions, Project Coordinator “Swiss Learning Health System” (2021–2024, overall funding volume CHF 4’800’000 as part of the federal project contributions)
- Swiss National Science Foundation Grant #10001C_188851 “Assessing health insurance literacy in Switzerland – towards an operational framework and measurement tool” (2020–2024, CHF 388’000)
- Swiss National Science Foundation Grant #100018_185153 “Premium subsidies and their impact on health plan choices and health care demand in mandatory health insurance systems: Evidence from Switzerland and an international comparison of health systems” (2019–2023, CHF 350’000)
- Horizon 2020 FP, project partner in “PanCareFollowUp: Novel, patient-centred survivorship care to improve care quality, effectiveness, cost-effectiveness and accessibility for survivors and caregivers” (2019–2023, overall funding volume EUR 4’000’000, U Lucerne EUR 220’000)
- University of Lucerne, Research Committee Startup Funding, Project “Social support mechanisms for low-income households in MHI systems” (6/2018 – 4/2019, CHF 41’000)
- University of Lucerne, Research Committee Startup Funding, Project “Health insurance literacy, health insurance choice and demand for health care” (6/2018 – 9/2018, CHF 11’000)
- University of Lucerne, Research Committee Startup Funding, Project “Determinants of care-seeking behavior and identification of potential over- and underutilization of doctor consultations in Switzerland” (6/2016 – 9/2016, CHF 14’000)
- University of Lucerne, Research Committee Startup Funding, Project “Health insurance experiment in Switzerland” (3/2015 – 4/2016, CHF 18’500)
- Swiss Federal Office of Statistics & Swiss Health Observatory, Project “Health Behaviors Switzerland” (4/2014 – 12/2015, CHF 50’000)
- Swiss National Science Foundation Grant #100014_150155 “Perception of the workplace after disability onset: A longitudinal analysis for Switzerland” (2015–2017, CHF 170’000)
- University of Lucerne, Research Committee Startup Funding, Project “Physician induced demand and the effects of supply-side regulation in Switzerland” (3/2014 – 2/2015, CHF 13’000)
- Swiss National Science Foundation Grant #100018_152798 “Education and individual risk behavior: A quasi-experimental study” (2014–2015, CHF 108’000, with D. Hangartner and M. Steenbergen)
- Swiss National Science Foundation Grant #IZK0Z1_146027 “Impact of user fees on health care utilisation”, to host S. Stillman as visitor at the University of Bern (12/2012 – 2/2013, CHF 9’300)
- Swiss National Science Foundation Grant #IZK0Z1_139984 “Identifying the causal effects of education on labor market outcomes”, to visit the MIT (5/2012 – 7/2012, CHF 8’500)
- Jacobs Foundation Grant #2012-1001 “Does education affect risk preferences? Evidence using quasi-experimental data” (2012–2014, CHF 150’000, with D. Hangartner and L. Schmid)
- Swiss National Science Foundation Grant #100013_141333 “Returns to education: new evidence from a discontinuity in school entry tests” (2012–2014, CHF 214’000, with D. Hangartner and M. Steenbergen)
- Swiss National Science Foundation Grant #100014_134526 “Identification and estimation of treatment effects under monotonicity constraints” (2011–2014, CHF 165’000)
- Swiss National Science Foundation Grant #PBZHP1-124191 to visit Harvard University (4/2009 – 4/2010, CHF 72’000)
- Participation as “Young Researcher” of the Swiss National Science Foundation at the 3rd Nobel Laureate Meeting in Economic Sciences 2008 in Lindau
- SOI Prize 2007 for the dissertation entitled “Three essays on the econometric analysis of discrete dependent variables”
- Swiss National Science Foundation Grant #10SO11-106334 to participate in the 2004 Essex Summer School (7/2004 – 8/2004, CHF 5’600)

PUBLICATIONS

A. BOOKS

Winkelmann R, Boes S (2009) *Analysis of Microdata 2e*. Berlin: Springer.

Boes S (2007) *Three essays on the econometric analysis of discrete dependent variables*. Dissertation, University of Zurich, Faculty of Economics. <https://doi.org/10.5167/uzh-32103>

B. JOURNAL ARTICLES (PEER REVIEWED)

Bardy TLC, Boes S (2024). Does targeted information impact consumers' preferences for value-based health insurance? Evidence from a survey experiment. *Health Economics Review* 14, 94. <https://doi.org/10.1186/s13561-024-00573-9>

Farcher R, Graber SM, Boes S, Huber CA (2024). Are integrated care models associated with improved drug safety in Swiss primary care? an observational analysis using healthcare claims data. *PLOS ONE* 19(9): e0311099. <https://doi.org/10.1371/journal.pone.0311099>

Boes S, Stillman S (2024). Drink and drive? Understanding the dynamics of youth risk-taking. *Health Economics* 33(10), 2381-2398. <https://doi.org/10.1002/hec.4875>

Quiroga Gutierrez AC, Boes S (2024). Bridging the gap: Experimental evidence on information provision and health insurance choices. *Health Economics* 33(6), 1368-1386. <https://doi.org/10.1002/hec.4820>

Giese A, Khanam R, Nghiem S, Staines A, Rosemann T, Boes S, Havranek M (2024) Assessing the excess costs of the in-hospital adverse events covered by the AHRQ's Patient Safety Indicators in Switzerland. *PLOS ONE* 19(2): e0285285. <https://doi.org/10.1371/journal.pone.0285285>

Boes S, Liu Y (2023) Do individuals with better health insurance system knowledge make better decisions about their health plans? *Applied Economics*, 1-17. <https://doi.org/10.1080/00036846.2023.2295303>

Wehrli D, Gilljam H, Koh DM, Matoori S, Sartoretti T, Boes S, Hartmann M, Roser K, Ort A, Wanner P, Harder D, Bech-Hohenberger R, Froehlich JM, Fröhlich GM, Mutschler J, Plümecke T and Gutzeit A (2023) Smoking trends and health equity in Switzerland between 1992 and 2017: dependence of smoking prevalence on educational level and social determinants. *Frontiers in Psychiatry* 14:1258272. <https://doi.org/10.3389/fpsy.2023.1258272>

Wirth K, Boes S, Näpflin M, Huber C, Blozik E (2023) Initial prescriptions and medication switches of biological products: an analysis of prescription pathways and determinants in the Swiss healthcare setting. *BMJ Open* 13(11):e077454. <https://doi.org/10.1136/bmjopen-2023-077454>.

Wirth K, Bähler C, Boes S, Näpflin M, Huber CA, Blozik E (2023) Opioid prescriptions after knee replacement: a retrospective study of pathways and prognostic factors in the Swiss healthcare setting. *BMJ Open* 13(3):e067542. <https://doi.org/10.1136/bmjopen-2022-067542>.

Havranek MM, Ondrej J, Widmer PK, Bollmann S, Spika S, Boes S (2023) Using exogenous organizational and regional hospital attributes to explain differences in case-mix adjusted hospital costs. *Health Economics* 32(8), 1733-1748. <https://doi.org/10.1002/hec.4686>

Liu Y, Boes S (2022) On the relative importance of different factors explaining health plan choices: evidence from mandatory health insurance in Switzerland. *Frontiers in Health Services* 2:847486. <https://doi.org/10.3389/frhs.2022.847486>

Havranek MM, Ondrej J, Bollmann S, Widmer PK, Spika S, Boes S (2022) Identification and assessment of a comprehensive set of structural factors associated with hospital costs in Switzerland. *PLOS ONE* 17(2): e0264212. <https://doi.org/10.1371/journal.pone.0264212>

- Wettstein D, Boes S (2022) How value-based policy interventions influence price negotiations for new medicines: an experimental approach and initial evidence. *Health Policy* 126(2), 112-121. <https://doi.org/10.1016/j.healthpol.2021.12.007>
- Hwang AB, Schuepfer G, Pietrini M, Boes S (2021) External validation of EPIC's Risk of Unplanned Readmission model, the LACE+ index and SQLape as predictors of unplanned hospital readmissions: A monocentric, retrospective, diagnostic cohort study in Switzerland. *PLOS ONE* 16(11): e0258338. <https://doi.org/10.1371/journal.pone.0258338>
- Boes S, Sabariego C, Bickenbach J, Stucki G (2021) How to capture the individual and societal impacts of syndemics: the lived experience of COVID-19. *BMJ Global Health* 6:e006735. <https://dx.doi.org/10.1136/bmjgh-2021-006735>
- Napierala C, Boes S (2021) Assessment of the introduction of DRG-based reimbursement in Switzerland: Evidence on the short-term effects on length of stay compliance in university hospitals. *Health Policy* 125(6), 739-750. <https://doi.org/10.1016/j.healthpol.2021.01.010>
- Migliazza K, Bähler C, Liedtke D, Signorell A, Boes S, Blozik E (2021) Potentially inappropriate medications and medication combinations before, during and after hospitalizations: an analysis of pathways and determinants in the Swiss healthcare setting. *BMC Health Services Research* 21, 522. <https://doi.org/10.1186/s12913-021-06550-w>
- Vaidya S, Boes S (2021) Strategies to mitigate inequity within mandatory health insurance systems: A systematic review. *World Medical & Health Policy* 13, 272-292. <https://doi.org/10.1002/wmh3.446>
- Wettstein D, Boes S (2021) Assessing social preferences in reimbursement negotiations for new Pharmaceuticals in Oncology: an experimental design to analyse willingness to pay and willingness to accept. *BMC Health Services Research* 21, 234. <https://doi.org/10.1186/s12913-021-06231-8>
- Tzogiou C, Boes S, Brunner B (2021) What explains the inequalities in health care utilization between immigrants and non-migrants in Switzerland? *BMC Public Health* 21, 530. <https://doi.org/10.1186/s12889-021-10393-9>
- Müller T, Boes S (2020) Disability insurance benefits and labor supply decisions: evidence from a discontinuity in benefit awards. *Empirical Economics* 58, 2513-2544. <https://doi.org/10.1007/s00181-018-1587-4>
- Wettstein DJ, Boes S (2020) The impact of reimbursement negotiations on cost and availability of new pharmaceuticals: evidence from an online experiment. *Health Economics Review* 10, 13. <https://doi.org/10.1186/s13561-020-00267-y>
- Hwang AB, Boes S, Nyffeler T, Schuepfer G (2019) Validity of screening instruments for the detection of dementia and mild cognitive impairment in hospital inpatients: A systematic review of diagnostic accuracy studies. *PLOS ONE* 14(7): e0219569. <https://doi.org/10.1371/journal.pone.0219569>
- Wettstein D, Boes S (2019) Effectiveness of national pricing policies for patent-protected pharmaceuticals in the OECD: A systematic literature review. *Applied Health Economics and Health Policy* 17(2), 143-162. <https://doi.org/10.1007/s40258-018-0437-z>
- Boes S, Mantwill S, Kaufmann C, Brach M, Bickenbach J, Rubinelli S, Stucki G (2018) Swiss Learning Health System - A national initiative to establish learning cycles for continuous health system improvement. *Learning Health Systems* 2:e10059. <https://doi.org/10.1002/lrh2.10059>
- Vaidya S, Boes S (2018) Measuring Quality of Life in Children and Infants with Spinal Muscular Atrophy: A Systematic Literature Review. *Quality of Life Research*, July 2018, 1-8. <https://doi.org/10.1007/s11136-018-1945-x>
- Kaufmann C, Müller T, Hefti A, Boes S (2018) Does personalized information improve health plan choices when individuals are distracted? *Journal of Economic Behavior and Organization* 149, 197-214. <https://doi.org/10.1016/j.jebo.2018.03.013>

- Kaufmann C, Schmid C, Boes S (2017) Health insurance subsidies and deductible choice: Evidence from regional variation in subsidy schemes. *Journal of Health Economics* 55, 262-273. <https://doi.org/10.1016/j.jhealeco.2017.08.002>
- Almer C, Boes S, Nüesch S (2017) Adjustments in the housing market after an environmental shock? Evidence from online advertisements. *Oxford Economic Papers* 69(4), 918-938. <https://doi.org/10.1093/oep/gpw071>
- Vaidya S, Hibbert CL, Kinter E, Boes S (2017) Identification of key cost generating events for idiopathic pulmonary fibrosis: A systematic review. *Lung* 195(1), 1-8. <https://link.springer.com/article/10.1007/s00408-016-9960-6>
- Röthlisberger F, Boes S, Rubinelli S, Schmitt K, Scheel-Sailer A (2017) Challenges and potential improvements in the admission process of patients with spinal cord injury in a specialized rehabilitation clinic - an interview based qualitative study of an interdisciplinary team. *BMC Health Services Research* 17, 443. <https://doi.org/10.1186/s12913-017-2399-5>
- Napierala C, Boes S (2017) Is the timing of radiological intervention and treatment day associated with economic outcomes in DRG-financed health care systems: a case study. *BMC Health Services Research* 17, 168. <https://doi.org/10.1186/s12913-017-2055-0>
- Boes S, Gerfin M (2016) Does full insurance increase the demand for health care? *Health Economics* 25(11), 1483-1496. <https://dx.doi.org/10.1002/hec.3266>
- Thurneysen N, Plank T, Boes S (2016) Analysis of costs and benefits of a re-accreditation of a Swiss acute care hospital. *Safety in Health* 2:2. <https://dx.doi.org/10.1186/s40886-016-0013-x>
- Marti A, Boes S, Lay V, Reuben Escorpizo PT, Trezzini B (2016) The association between chronological age, age at injury and employment: Is there a mediating effect of secondary health conditions? *Spinal Cord* 54, 239-244. <https://dx.doi.org/10.1038/sc.2015.159>
- Boes S, Marti J, Maclean JC (2015) The impact of smoking bans on smoking and consumer behavior: Quasi-experimental evidence from Switzerland. *Health Economics* 24(11), 1502-1516. <https://dx.doi.org/10.1002/hec.3108>
- Boes S, Nüesch S, Wüthrich K (2015) Hedonic valuation of the perceived risks of nuclear power plants. *Economics Letters* 133, 109-111. <https://dx.doi.org/10.1016/j.econlet.2015.05.033>
- Bachmann A, Boes S (2014) Private transfers and college students' decision to work. *Economics of Education Review* 42, 34-42. <https://dx.doi.org/10.1016/j.econedurev.2014.05.005>
- Boes S, Nüesch S, Stillman S (2013) Aircraft noise, health, and residential sorting: evidence from two quasi-experiments. *Health Economics* 22(9), 1037-1051. <https://dx.doi.org/10.1002/hec.2948>
- Boes S (2013) Nonparametric analysis of treatment effects in ordered response models. *Empirical Economics* 44(1), 81-109. <https://dx.doi.org/10.1007/s00181-010-0354-y>
- Boes S, Nüesch S (2011) Quasi-experimental evidence on the effect of aircraft noise on apartment rents. *Journal of Urban Economics* 69(2), 196-204. <https://dx.doi.org/10.1016/j.jue.2010.09.007>
- Boes S, Staub KE, Winkelmann R (2010) Relative status and satisfaction. *Economics Letters* 109(3), 168-170. <https://dx.doi.org/10.1016/j.econlet.2010.08.027>
- Boes S (2010) Count data models with correlated unobserved heterogeneity. *Scandinavian Journal of Statistics* 37(3), 382-402. <https://dx.doi.org/10.1111/j.1467-9469.2010.00689.x>
- Leemann RJ, Dubach P, Boes S (2010) The leaky pipeline in the Swiss university system: identifying gender barriers in postgraduate education and networks using longitudinal data. *Swiss Journal of Sociology* 36(2), 299-323.
- Boes S, Winkelmann R (2010) The effect of income on general life satisfaction and dissatisfaction. *Social Indicators Research* 95(1), 111-128. <https://dx.doi.org/10.1007/s11205-009-9452-7>

- Boes S, Lipp M, Winkelmann R (2007) Money illusion under test. *Economics Letters* 94(3), 332-337. <https://dx.doi.org/10.1016/j.econlet.2006.06.043>
- Boes S, Winkelmann R (2006) Ordered response models. *Allgemeines Statistisches Archiv* 90(1), 165-180. Reprinted in Hübler O, Frohn J (eds) *Modern Econometric Analysis*, Berlin: Springer. <https://dx.doi.org/10.1007/s10182-006-0228-y>

C. CONTRIBUTIONS TO EDITED VOLUMES (PEER REVIEWED)

- Mantwill S, Boes S (2022) Krankenversicherungskompetenz als Grundstein eines funktionierenden, wahlbasierten Versicherungssystems. In Rathmann K, Dadaczynski K, Okan O, Messer M (eds) *Gesundheitskompetenz. Springer Reference Pflege – Therapie – Gesundheit*. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-662-62800-3_111-1
- Leemann RJ, Boes S (2014) Transnational academic mobility from the perspective of gender inequality – researcher flows and knowledge constructions in Europe. In Lawn M, Normand R (eds) *Shaping of European Education: Interdisciplinary Approaches*. Abingdon: Taylor & Francis: p201-220.
- Leemann RJ, Boes S (2012) Institutionalisierung von Mobilität und Internationalität in wissenschaftlichen Laufbahnen: Neue Barrieren für Frauen auf dem Weg an die Spitze? In Beaufays S, Engels A, Kahlert H (eds) *Einfach Spitze? Neue Geschlechterperspektiven auf Karrieren in der Wissenschaft*. Frankfurt aM, New York: Campus, p174-203.
- Leemann RJ, Da Rin S, Boes S (2011) Katalysatoren und Handicaps wissenschaftlicher Karrieren von Frauen. In B. Blättel-Mink, A. Franzke, and A. Wolde (eds.) *Gleichstellung im Reformprozess der Hochschulen. Neue Karrierewege für Frauen?* Sulzbach: Ulrike Helmer Verlag, p123-142.
- Boes S, Leemann RJ (2010) Scientific achievements of young researchers: does funding make a gender difference? In Leemann RJ, Stutz H (eds) *Forschungsförderung aus Geschlechterperspektive - Zugang, Bedeutung und Wirkung in wissenschaftlichen Laufbahnen*, Zurich: Rüegger, p111-134.
- Leemann RJ, Keck A, Boes S (2010) Geschlecht, Forschungsförderung und Verbleib in der Wissenschaft: Der Schweizerische Nationalfonds im Fokus, in Leemann RJ, Stutz H (eds) *Forschungsförderung aus Geschlechterperspektive - Zugang, Bedeutung und Wirkung in wissenschaftlichen Laufbahnen*, Zurich: Rüegger, p85-109.
- Leemann RJ, Boes S, Da Rin S (2010) La perte plus que proportionnelle des femmes dans les parcours académiques. Quelques résultats quant aux caractéristiques sociales du champ scientifique et à ses processus genrés d'exclusion, in F. Fassa and S. Kradolfer (eds.) *Plafonds de verre à l'université*. Zurich: Seismo, p127-153.

D. REPORTS AND OTHER PUBLICATIONS

- Schmid MK, Sim DA, Boes S, Wolfensberger TJ, Bachmann LM, Hatz K, Thiel M (2024) Between Scylla and Charybdis? Health insurance claims-data to monitor quality of service delivery in ophthalmology. *Eye*. <https://doi.org/10.1038/s41433-024-03333-5>
- Fuchs B, Bode B, Heesen P, Kopf B, Michelitsch C, Odermatt M, Giovanoli P, Breitenstein S, Schneider P, Schüpfer G, Boes S, Studer G (2024) Transdisciplinary sarcoma care: a model for sustainable healthcare transformation. *Swiss Medical Weekly* 154(4), 3473. <https://doi.org/10.57187/s.3473>
- Bouwman E, Hermens RPMG, Brown MC, Araújo-Soares V, Blijlevens NMA, Kepak T, Kepakova K, Kremer LCM, van den Oever SR, van der Pal HJH, Skinner R, Pluijm SMF, Loonen JJ, on behalf of the PanCareFollowUp Consortium (2022) Person-centred online lifestyle coaching in childhood, adolescent, and young adult cancer survivors: protocol of the multicentre PanCareFollowUp

lifestyle intervention feasibility study. *Pilot and Feasibility Studies* 8:260.
<https://doi.org/10.1186/s40814-022-01221-x>

- van Kalsbeek RJ, Korevaar JC, Mieke R, Haupt Riccardo, Muraca M, Kepak T, Kepakova K, Blondeel A, Boes S, Frederiksen LE, Essiaf S, Winther JF, Hermens RPMG, Kienesberger A, Loonen JJ, Michel G, Mulder RL, O'Brien KB, van der Pal HJH, Pluijm SMF, Roser K, Skinner R, Renard M, Uyttebroeck A, Follin C, Hjorth L, Kremer LCM (2022) Evaluating the feasibility, effectiveness and costs of implementing person-centred follow-up care for childhood cancer survivors in four European countries: the PanCareFollowUp Care prospective cohort study protocol *BMJ Open* 12:e063134. <https://doi.org/10.1136/bmjopen-2022-063134>
- van Kalsbeek RJ, van der Pal HJH, Hjorth L, Winther JF, Michel G, Haupt R, Uyttebroeck A, O'Brien K, Kepakova K, Follin C, Muraca Monica, Kepak T, Araujo-Soares V, Bardi E, Blondeel A, Bouwman E, Brown MC, Frederiksen LE, Essiaf S, Hermens RPMG, Kienesberger A, Korevaar JC, Mader L, Mangelschots M, Mulder RL, van den Oevera S, Rijken M, Roser K, Skinner R, Pluijm SMF, Loonen JJ, Kremer LCM, on behalf of the PanCareFollowUp Consortium (2021) The European multistakeholder PanCareFollowUp project: novel, person-centred survivorship care to improve care quality, effectiveness, cost-effectiveness and accessibility for cancer survivors and caregivers. *European Journal of Cancer* 153, 74-85. <https://doi.org/10.1016/j.ejca.2021.05.030>
- Dietrich CC, Hague C, Boes S (2021) Solving the problem of financing one-time treatments with evidence uncertainty: which types of outcomes-based payment models could work best for novel CAR-T therapies in multiple myeloma? A systematic review of the published literature. *Cell & Gene Therapy Insights* 7(7), 725-744. <https://doi.org/10.18609/cgti.2021.104>
- Meier C, Boes S, Gemperli A, Gmünder HP, Koligi K, Metzger S, Schaefer DJ, Schmitt K, Schwegmann W, Wettstein R, Scheel-Sailer A (2019): Treatment and cost of pressure injury stage III or IV in four patients with spinal cord injury: the Basel Decubitus Concept. *Spinal Cord Series and Cases* 5:30. <https://doi.org/10.1038/s41394-019-0173-0>
- Boes S, Brach M, Kaufmann C, Mantwill S, Rubinelli S, Stucki G (2018) Swiss Learning Health System - A national initiative to establish learning cycles for continuous health system improvement. *Learning Health Systems* 2:e10059. <https://doi.org/10.1002/lrh2.10059>
- Boes S, Brach M, Kaufmann C, Mantwill S, Rubinelli S, Stucki G (2017) Swiss Learning Health System: Eine nationale Infrastruktur für ein lernendes Gesundheitssystem. *Schweizerische Ärztezeitung*, 98:39. <https://doi.emh.ch/10.4414/saez.2017.05842>
- Boes S, Napierala C (2017) Fehlanreize bei den Ärzten beseitigen. *Die Volkswirtschaft* 03/2017, Artikel im Schwerpunkt "Gesundheitswesen und Kosteneffizienz".
- Boes S, Kaufmann C (2016) Ungleichheiten im Gesundheitsverhalten der Schweizer Bevölkerung. *Suchtmagazin* 03/2016, Artikel im Schwerpunkt "Gesundheitsförderung".
- Boes S, Kaufmann C, Marti J (2016) Sozioökonomische und kulturelle Ungleichheiten im Gesundheitsverhalten der Schweizer Bevölkerung. *Obsan Dossier* 51. ISBN: 978-2-940502-51-6.

E. SOFTWARE COMPONENTS

- Boes S (2006) regoprobit – A Stata module to estimate random effects generalized ordered probit models, <https://econpapers.repec.org/software/bocbocode/s456604.htm>.
- Boes S (2006) goprobit – A Stata module to estimate generalized ordered probit models, <https://econpapers.repec.org/software/bocbocode/s456603.htm>.

REFeree ACTIVITIES

American Economic Journal: Applied Economics; American Journal of Health Economics; Applied Economics Quarterly; Applied Health Economics and Health Policy; BMC Health Services Research; Economic Record; Econometrica; Econometric Reviews; Economics of Education Review; Education Economics; Empirical Economics; Empirische Pädagogik; European Journal of Health Economics; European Journal of Political Economy; Expert Review of Pharmacoeconomics & Outcomes Research; Health Policy; Health Policy and Planning; Health Services Research; Higher Education; Implementation Science; International Regional Science Review; International Journal of Public Health; Journal of Applied Econometrics; Journal of Behavioral and Experimental Economics; Journal of Econometrics; Journal of Economic Behavior & Organization; Journal of Health Economics; Journal of Human Resources; Journal of Labor Economics; Journal of Labor Market Research; Journal of Policy Analysis and Management; Journal of Public Economics; Journal of Socio-Economics; Journal of Urban Economics; Journal of the European Economic Association; Journal of the Royal Statistical Society; Kyklos; Perspektiven der Wirtschaftspolitik; PharmacoEconomics; Portuguese Economic Journal; Quarterly Journal of Economics; Regional Science and Urban Economics; Review of Economics and Statistics; Schmollers Jahrbuch; Substance Abuse Treatment, Prevention, and Policy; Swiss Journal of Economics and Statistics; Swiss National Science Foundation; Value in Health.

KEY PRESENTATIONS

Federal Office of Statistics (Neuchatel), Federal Office of Public Health (Bern), EuHEA (Oslo, Maastricht, Hamburg), iHEA World Congress (Basel, Boston, Dublin, Milan), Swiss Congress on Health Economics and Health Sciences (Bern), Economics, Health and Happiness (Lugano), Swiss Workshop in Health Economics (Lucerne), American Society of Health Economics (USC Los Angeles), Swiss Society of Economics and Statistics (Bern, Neuchatel, Lucerne, Fribourg), International Atlantic Economic Conference (Philadelphia), Bildungsökonomischer Ausschuss (Zurich), Statistics Colloquium (Bern), Royal Economic Society (RHUL), Econometric Society European Meeting (Oslo), Applied Econometrics Association Annual Meeting (Rome), Econometric Society World Congress (Shanghai), German Statistical Week (Nuremberg), various invited seminar and workshop presentations

GRADUATE STUDENTS (FIRST SUPERVISOR), IN ALPHABETICAL ORDER

Completed: Kathryn Dawson-Townsend, Renata Josi*, Cornel Kaufmann, Rahel Meier*, Tobias Müller, Christoph Napierala*, Yael Rachamin*, Christina Tzogiou*, Shalvaree Vaidya, Dominik Wettstein*

On-going: Noel Ackermann, Tess Bardy, Renato Farcher*, Aljoscha Hwang*, Levy Jäger*, Yanmei Liu, Nahara Martinez*, Andreas Plate*, Ana Cecilia Quiroga Gutierrez, Michael Stucki*, Mélanie Stamm*, Kevin Wirth-Migliazza*

(* external Ph.D. students not employed by the University of Lucerne)

OUTREACH ACTIVITIES AND CONTRIBUTIONS TO SCIENCE

Member of the former Expert Group “Economics” of the *Swiss National COVID-19 Science Task Force*

Lead role in the *Swiss Learning Health System*, a collaborative project between higher education institutions to implement learning cycles for continuous health system improvement and use of research evidence in policy and practice in Switzerland; overall funding volume of CHF 9.2 million for 2017-2021; CHF 9.8 million for 2021-2024; see <https://www.slhs.ch> for details

Founding member of the *Cluster Health Central Switzerland*, a collaboration of the University of Lucerne, the University of Applied Sciences and Arts Lucerne (HSLU), XUND, Swiss Paraplegic Research, and other institutions to strengthen the well-being of the population of Central Switzerland, to coordinate educational offers and education-based health services provision, and to explore synergies in thematic areas related to the health and medical sciences

Founding member and vice president of the *Swiss Society of Health Economics* to foster the promotion of science, research, and scientific consultancy in health economics in Switzerland

Member of the steering committee of a structured Ph.D.-level course program in health economics and policy offered by different partner universities in Switzerland and in the framework of the *Swiss School of Public Health*, administrated by the *Swiss Society of Health Economics*

Member of the executive committee of the *European Health Economics Association* to promote the cooperation among all national health economics associations and groups in Europe, and to profile and foster health economics at European universities

Organization and active membership in scientific committees of conferences and workshops in health economics and policy with the goal of promoting scientific research, including:

- ◇ the EuHEA Seminar Series since 2020 (online, member of the scientific committee)
- ◇ the EuHEA Conference and the EuHEA Ph.D. Student-Supervisor Conference since 2020 (organizational support as Executive Secretary of EuHEA)
- ◇ the iHEA World Congresses 2019, 2021 & 2023 (member of the scientific committee, program chair; in 2019 member of the local organizing committee in Basel)
- ◇ conferences of the Swiss Society of Health Economics (member of the scientific committee; in 2018 chair of the local organizing committee for the conference in Lucerne)
- ◇ the Research Symposium Health Lucerne, first edition on January 31, 2023 (initiator and member of the scientific committee)
- ◇ the Swiss Congress of Health Sciences and Health Economics in Bern (member of the scientific committee 2015-2021)

Member of working groups at the University of Lucerne, e.g., on the development of a best practice guideline for academic hiring and promotion processes, the development of an open science policy, the implementation of a quality management system, and the establishment of a behavioral science lab in cooperation with other faculties at the University of Lucerne

Lead role in the development and implementation of a mentoring and funding program for early career researchers in health and medical sciences at the University of Lucerne to promote the scientific potential of young scientists and support them in building up their academic careers