



PROF. DR. ALEXANDER W. SCHMIDT-CATRAN

- Current Position:** **Professor (W3) of “Sociology with a focus on Quantitative Empirical Social Research” at the Goethe-University Frankfurt**
- Education:**
- 1991 – 1994:** **Katholische Grundschule Neukirchen (primary school)**
- 1994 – 2003:** **Pascal Gymnasium Grevenbroich (secondary school)**
- 2004 – 2009:** **University of Cologne**
Social Science Diploma (equivalent to Master’s degree) at the Faculty of Management, Economics and Social Sciences
- grade: 1.6
 - elective courses:
 1. Empirical Economic and Social Science Research
 2. Economic and Social Psychology
- 10/2009 – 10/2012** **Cologne Graduate School (CGS)**
Member of the Research Training Group SOCLIFE
- dissertation topic: Public Demand for Redistribution in Context
 - funding: 3-year scholarship from the German Research Foundation (DFG)
 - 04/2013 successful doctoral examination; grade: summa cum laude
- 07/2010 – 08/2010:** **University of Essex**
Essex Summer School in Social Science Data Analysis
- Confirmatory factor analysis and structural equation modelling (Lecturer: Prof. Peter Schmidt)

Professional Experience:

- 10/2003 – 08/2004:** **Werkstatt für Behinderte Hemmerden**
(therapeutic workshop for disabled people)
Community service with handicapped adults (full time)
- 05/2006 – 12/2006:** **Psychonomics AG** (market research institute)
Student assistant (part time)
- 01/2007 – 08/2017:** **Chair for Empirical Social and Economic Research,
University of Cologne (Prof. Hans-Jürgen Andreß)**
- 01/2007 – 09/2009: Student assistant and tutor (part time)
- research assistant for various projects; responsibilities: data management and multivariate analysis of survey data
 - supported publishing process of four books in sociology and political science; responsibilities: proof-reading in English and German, development of index, typesetting in LaTeX
- 10/2009 – 07/2011: Research assistant (part time)
- designed accompanying work books for lectures in advanced multivariate data analysis
 - class tutor for lectures in multivariate statistics
- 08/2011 – 08/2017: Full research associate [Akademischer Rat]
- holding lectures in survey methodology, advanced statistics and applied research
 - supervising MA and BA students on BA/MA-thesis
 - managing the IT-infrastructure
 - supervising student assistants
- 04/2008 – 08/2008:** **Seminar of Personnel Economics, University of Cologne**
Freelance consultant
- private coaching to an external PhD student (including: statistics, STATA and scientific working)
- 08/2008 – 12/2008:** **Institute of Cooperative Studies, University of Cologne**
Consultant
- consultant for the research project “micro insurance in developing countries”; responsibilities: methodology (survey design; data quality, management and analysis)
- 03/2011 – 05/2011:** **First Entertainment (TV Production)**
Consultant
- consultant for two science shows in German television; responsibilities: designing questionnaires, data collection (via online-survey), data analysis

- 08/2012 – 09/2012** **Sociology Department at the University of Umeå, Sweden**
Visiting researcher. Host: Jan Mewes
- invited talk “Do Parties “Playing the Race Card” Undermine Support for Welfare?”
- 09/2012 – 10/2012** **Sociology Department at the University of Tilburg, Netherlands.**
Visiting researcher. Host professor: Wim van Oorschot
- invited talk “How Attitudes towards Migrants Influence Welfare Attitudes”
- 03/2013 – 07/2013** **Institute of Energy Economics at the University of Cologne**
Freelance consultant
- evaluation of the institute based on an expert survey
 - responsibilities: questionnaire design and programming, data collection, data analysis, final report
- 03/2014** **School of Geographical Science at the University of Bristol, United Kingdom**
Visiting researcher. Host: Malcolm Fairbrother
- working on a joint project
 - invited talk “Migration and Natives’ Welfare Attitudes”
- 03/2016** **German Institute for Economic Research (DIW), Berlin, Germany**
Visiting researcher. Host: Prof. Marco Giesselmann
- working on a joint project
- 09/2017 – 01/2018** **Chair for Sociology of the Welfare State, University of Mannheim**
Full W3 Professor
- lectured on welfare states, migration and research design
 - supervising BA, MA and PhD students
- From 02/2018** **Chair for Sociology with a focus on Quantitative Empirical Social Research**
Full W3 Professor
- taught introduction to statistics to BA students (~500 students)
 - coordinating the methods curriculum of BA and MA students
 - leading the project “fair exams”
 - board member of the methods center
 - supervising BA, MA and PhD students

Teaching Experience:

- 10/2007 – 08/2009:** **“From students to students” program of the Student Council of Sociology**
Tutor for the class “*Data Analysis using STATA*”
- two introductory STATA courses each term
 - designed a new course; compiled learning material and corrected assignments
- 04/2008 – 08/2017:** **Chair for Empirical Social and Economic Research**
- 04/2008 – 03/2010: Class tutor for the research lab “*Secondary Analysis of International Survey Data*” (lecturer: Dr. Achim Goerres)
- held STATA exercises
 - designed teaching material
 - individual support of participants’ empirical projects
- 04/2008 – 07/2011: Class tutor for the lectures “*Linear Models*” and “*Causal Analysis*” (in English, lecturer: Prof. Dr. Hans-Jürgen Andreß)
- taught theory of linear regression models and STATA
 - designed two complete courses of practical exercises and work books for these exercises
 - administered e-learning platform
- 10/2011-03/2012 Lecturer for the course “*Spezielle Erhebungsverfahren: Onlineumfragen*” (data collection via online surveys)
- taught questionnaire design and questionnaire programming
 - designed practical exercises and graded written examination
- 04/2012-04/2016 Lecturer for the research lab „*Secondary Data Analysis with Cross-national Survey Data*“
- taught scientific working, research designs, advanced regression analysis and structural equation modelling
 - supervised students on their projects in different research areas: comparative welfare state analysis, welfare attitudes, social trust, migration, attitudes towards migrants, happiness and life satisfaction, etc.
- 11/2014 Lecturer for the PhD-level course “*Advanced Research Methods*”
- with Prof. Hans-Jürgen Andreß and Will Lowe we designed a course entailing structural equation modelling, Bayesian statistics and event history analysis
 - I taught advanced structural equation modelling
- 04/2016-10/2016 Lecturer for MA seminar “*Welfare States in Times of Increasing Migration*”
- graded assignments

- 04/2016-10/2016 Lecturer for the BA course “*Integration of Immigrants – Collecting Primary Data*”
- taught general survey methodology and face-to-face data collection in particular
 - coordinated complete primary survey data collection, incl. bilingual questionnaire design, sampling, interviewer instructions, organization of field period, etc.
- 10/2016-03/2017 Lecturer for the MA course “*Analysis of Cross-sectional Data*”
- taught basic statistics course in the MA, about 100 students
 - designed exam and analysed its quality with IRT models and improved exam for next semester
- 04/2017-08/2017 Lecturer for the MA course “*Longitudinal Data Analysis*”
- taught advanced statistics course in the MA, about 100 students
 - designed exam and analysed its quality with IRT models and improved exam for next semester
- 08/2008 – 12/2008:** **Institute of Cooperative Studies**
Freelancer
- in coordination with the members of the institute, I designed a new course “*Advanced STATA*”
 - compiled exercises and supporting material
- From 03/2014** **Cologne Graduate School**
- 03/2014 Lecturer for the PhD-level course “*Panel Data Analysis in Stata*”
- designed and taught a complete course with lectures and practical exercises for PhD-students from economics, management, politics and social science
 - graded assignments
- 04/2015-07/2015 Lecturer for the PhD-level course “*Concepts and Data*”
- together with Prof. Lea Ellwardt
 - I taught measurement models and talked about issues of cross-national comparability
- 08/2015** **Sociology Department at the University of Düsseldorf**
Lecturer for the PhD-level workshop “*Structural Equation Modelling in Stata*”
- gave lectures on structural equation modelling
 - supervised PhD-students on how to apply the method to their own data and models

02/2016

GESIS Spring Seminar 2016

- gave a one-week workshop “*Introduction into the Analysis of Panel Data with Stata*”
- supervised PhD-students and post-docs on how to apply the method to their own data and models

09/2017-02/2018

School of Social Sciences, University of Mannheim

Lecturer for MA seminar “*Migration, Globalization and the Future of the Welfare State*”

Organizing the colloquium “*European Societies in Comparison*” for BA students

- supervising and grading BA students’ theses

Organizing the colloquium “*Economy and Welfare States*” for MA students

- supervising and grading MA students’ theses

Held a PhD Workshop for sociology students

- taught research design
- gave feedback on dissertation proposals

From 02/2018

Faculty of Social Sciences, Goethe-University Frankfurt

04/2018-02/2019

Lecturer for BA class “*Introduction into statistics for social scientists*”

- designed a complete course, using modern interactive feedback systems and e-learning modules
- constructed exams using Item-Response-Theory
- coordinated 9 tutorials

10/2018-02/2019

Organized the research colloquium of the Institute for Empirical-analytical Research

Scholarships, Prizes and Grants:

- 10/2009 – 07/2011:** **Full PhD scholarship (~50,000 €)**
3-Year scholarship from the German Science Foundation (DFG)
- 07/2010 - 08/2010:** **German Academic Exchange Service scholarship (1,500 €)**
Travel grant and course fee for study in the UK
- 03/2013** **Best PhD Paper Award (300 €)**
9th International Multilevel Conference in Utrecht, Netherlands
- 09/2014** **Publication Prize of the University of Cologne (1,500 €)**
Publication prize for outstanding publications of PhD students
- 08/2016** **ALLBUS-Preis 2016 (1,000 €)**
Prize for the best publication with ALLBUS data in 2016
- 07/2017** **Hans-Kelsen-Nachwuchs-Preis 2016 (98,000 €)**
Prize for the best postdoc of the social science, business, economics and law faculties at the University of Cologne
- 07/2017** **Fritz Thyssen Preis für sozialwissenschaftliche Aufsätze des Jahrgangs 2016 (1,500 €)**
Prize for the best social science publication in German speaking journals

Publications:

Peer Reviewed Journals

Schmidt-Catran, A.W., Fairbrother, M. and Andress, H.-J. (*forthcoming*): Mixed Models for the Analysis of Multilevel Data: Common Problems and Some Solutions. *Kölner Zeitschrift für Soziologie und Sozialpsychologie*.

Schmidt-Catran, A.W. and Giesslemann, M. (2018): Getting the within estimator of cross-level interactions in multilevel models with pooled cross-sections: Why country dummies (sometimes) do not do the job. *Sociological Methodology* (*online first*).

Czymara, C. and Schmidt-Catran, A.W. (2018): Konfundierungen in Vignettenanalysen mit einzelnen d-effizienten Vignettenstichproben. *Kölner Zeitschrift für Soziologie und Sozialpsychologie*, 70(1), pp. 93-103.

Czymara, C. and Schmidt-Catran, A.W. (2017): Refugees Unwelcome? Changes in the Public Acceptance of Immigrants and Refugees in Germany during the Course of Europe's „Immigration Crisis“; *European Sociological Review*, 33(6), pp. 735-751.

Reibling, N.; Beckfield, J.; Huijts, T.; Schmidt-Catran, A.W.; Thomson, K. and Wendt, C. (2017): Depressed during the Depression: Has the Economic Crisis Affected Mental Health Inequalities in Europe? *European Journal of Public Health*, Suppl. 1, pp. 47-54.

Pförtner, T. and Schmidt-Catran, A.W. (2017): In-work Poverty and Self-rated Health in a Cohort of Working Germans: A Hybrid Approach for Decomposing Within-person and Between-person Estimates of In-work Poverty Status. *American Journal of Epidemiology*, 185(4), pp. 274-282.

Schmidt-Catran, A.W. and Careja, R. (2017): Institutions, Culture and Migrants' Preferences for State-provided Welfare. Longitudinal Evidence from Germany. *Journal of European Social Policy*, 27(2), pp. 197-212.

Te Grotenhuis, M.; Pelzer, B.; Schmidt-Catran, A.W.; Nieuwenhuis, R.; König, R. and Eisinga, R. (2017): When Size Matters. Advantages of Weighted Effect Coding in Observational Studies. *International Journal of Public Health*, 62(1), pp. 163-167.

Te Grotenhuis, M.; Pelzer, B.; Schmidt-Catran, A.W.; Nieuwenhuis, R.; König, R. and Eisinga, R. (2017): A Novel Method for Modelling Interaction between Categorical Variables. *International Journal of Public Health*, 62(3), pp. 427-431.

Czymara, C. and Schmidt-Catran, A.W. (2016): Wer ist in Deutschland willkommen? Eine Vignettenanalyse zur Akzeptanz von Einwanderern. *Kölner Zeitschrift für Soziologie und Sozialpsychologie*, 68(2), pp. 193-227.

Te Grotenhuis, M.; Luo, L.; Pelzer, B. and Schmidt-Catran, A.W. (2016): Alternative Estimates and Predictions of Mortality Trends: A Comment on Masters, Hummer, Powers, Beck, Lin and Finch. *Demography*, 53(4), pp. 1245-1252.

Schmidt-Catran, A.W. and Spies, D.C. (2016): Immigration and Welfare Support in Germany. *American Sociological Review*, 81(2), pp. 242-261.

Schmidt-Catran, A.W. and Fairbrother, M (2016): The Random Effects in Multilevel Models: Getting Them Wrong and Getting Them Right. *European Sociological Review*, 32(1), pp. 23-38.

Spies, D.C. and Schmidt-Catran, A.W. (2016): Migration, Migrant Integration and Support for Social Spending: The Case of Switzerland. *Journal of European Social Policy*, 26(1), pp. 32-47.

Schmidt-Catran, A.W. (2016): Economic Inequality and Public Demand for Redistribution. Combining Cross-sectional and Longitudinal Evidence. *Socio-economic Review*, 14(1), pp. 119-140.

Pelzer, B.; Te Grotenhuis, M.; Eisinga, R. and Schmidt-Catran, A.W. (2015): The Non-uniqueness Property of the Intrinsic Estimator in APC Models. *Demography*, 52(1), pp. 315-327.

Schmidt, A.W. and Spies, D. (2014): Do Parties “Playing the Race Card” Undermine Natives’ Support for Redistribution? Evidence from Europe. *Comparative Political Studies*, 47(4), pp. 519-545.

Schmidt-Catran, A.W. and Hörstermann, K. (2013): Soziale Präsenz in Onlineumfragen. *Methoden, Daten, Analysen*, 7 (3), pp. 397-432.

Books

Andress, H.-J.; Golsch, K. and Schmidt, A.W. (2013): Applied Panel Data Analysis for Economic and Social Surveys. Springer: Berlin, Heidelberg.

Book Contributions

Pförtner, T. and Schmidt-Catran, A.W. (2017): Lebensstandard und Gesundheit. Ein längsschnittlicher Blick in die individuelle Wohlfahrtsproduktion vor dem Hintergrund gesundheitlicher Ungleichheit, in: Lohmann, H. et al. (Eds.): Lebensbedingungen in Deutschland in der Längsschnittperspektive. Springer VS: Würzburg.

Careja, R. and Schmidt-Catran, A.W. (2017): Feeling German: The Impact of Education on Immigrants’ National Identification, in: Lohmann, H. et al. (Eds.): Lebensbedingungen in Deutschland in der Längsschnittperspektive. Springer VS: Würzburg.

Schaffrin, A. and Schmidt-Catran, A.W. (2016): Changing concern about environmental threats and risks. In: Telesiene and Gross (edt.): Green European. Environmental Behaviour and Attitudes in Europe in a Historical and Cross-Cultural Comparative Perspective. London, New York: Routledge.

Schaffrin, A. and Schmidt-Catran, A.W. (2016): Energieungleichheit international: Welche Rolle spielen nationale Kontextfaktoren? In: Großmann et al. (edt.): Energie und soziale Ungleichheit. Zur Gesellschaftlichen Dimension der Energiewende in Deutschland und Europa. Wiesbaden: Springer VS.

Editorships

Lohmann, H.; Schmidt-Catran, A.W.; Golsch, K. and Giesselmann, M. (Eds.) (2017): *Lebensbedingungen in Deutschland in der Längsschnittperspektive*. Springer VS: Würzburg.

Software

Schmidt-Catran, A.W. (2018): *AutoExam*. A Stata-ado for the efficient construction of good tests.

Moehring, K. and Schmidt, A.W. (2012): *Multilevel Tools for Stata (mlt-package 1.4beta)*. An Ado-package of Postestimation Commands for Hierarchical Mixed Models. SSC archive, Boston College.

Schmidt-Catran, A.W. (2015): *igenerate*. A Stata-ado for Coding Schemes to Categorical Variables, incl. Orthogonal Interactions. SSC archive, Boston College.

Andress, H.-J.; Hörl, M. and Schmidt-Catran, A.W. (2015): *Catsem*. A Stata-ado for Categorical Data Analysis with Latent Variables.

Working Papers

Giesselmann, M. and Schmidt-Catran, A.W. (2018): *Interactions in fixed effects regression models*. DIW Berlin Discussion Paper No. 1748.

Schmidt, A.W. (2012): *The Development of Public Demand for Redistribution. A Pseudo-panel Model for Decomposing Within- and Between-Effects*. GK SOCLIFE Working Paper Series, WP 10/2012, Cologne.

Schmidt, A.W. (2011): *The Experience of Social Mobility and the Formation of Attitudes toward Redistribution*. GK SOCLIFE Working Paper Series, WP 6/2011, Cologne.

Additional Information:

Computer Skills:

- STATA (advanced, incl. programming)
- MS-Office (advanced)
- LaTeX (good)
- HTML/PHP (good)
- SPSS (good)
- HLM (good)
- AMOS (good)
- MLwiN (basics)
- R (basics)
- JAGS (basics)
- LEM (basics)
- SQL (basics)
- MPlus (basics)

Languages:

- English (fluent), TOEFL Score: 109/120
- Latin (basic knowledge),
- German (mother tongue)

Referee for academic journals:

- American Sociological Review
- American Journal of Sociology
- European Sociological Review
- Journal of Ethnic and Migration Studies
- Journal of European Social Policy
- Survey Research Methods
- Socio-Economic Review
- Social Indicators Research
- Social Science Review
- Kölner Zeitschrift für Soziologie und Sozialpsychologie
- European Journal of Political Research
- European Political Science Review
- British Journal of Political Science
- Journal of Social Policy
- Social Policy and Administration
- International Journal of Comparative Sociology
- European Societies
- Swiss Journal of Sociology
- Schmollers Jahrbuch

Other academic services and memberships:

- Member of the DGS (German Sociological Association): Quantitative Methods Section (Sektion Methoden der Empirischen Sozialforschung)
- Member of the Academy of Sociology (Akademie für Soziologie)
- Representative of the SOCLIFE cohort 2009
- Representative of academic staff at the Institute of Sociology and Social Psychology (09/2014-09/2015)
- Selection committee for two W2 Professorships in Demography and Social Inequality (2014/15)
- Selection committee for W3 Professorship in Methods and Statistics at the University of Cologne (2015)
- Organizer of the German Stata Users Group Meeting 2016 in Cologne
- Member of the advisory council of the DFG-funded project “Fachinformationsdienst Soziologie”
- Member of the organizing team of the RC 28 2019 in Frankfurt
- Organizer of the spring meeting of the quantitative methods section of the DGS 2019 in Ingolstadt

Parental leave:

- 08/2016-10/2016

Personal Information:

Date of Birth: November 1983
Citizenship: German

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