

Arne Bethmann

Curriculum Vitae

Kirchenstraße 5
90478 Nuremberg
Germany

☎ +49 (0) 176 22849999
✉ arne.bethmann@gmx.de

Education

- 2013 **Ph.D. in Social Sciences** (*summa cum laude*), *Friedrich-Alexander-Universität, Erlangen-Nuremberg*.
Thesis: Aspects of occupation and family under economic insecurity
(translated title, partially in German)
Supervisors: Prof. Martin Abraham and Prof. Monika Jungbauer-Gans
- 2007 **Master of Arts in Social Sciences**, *Friedrich-Alexander-Universität, Erlangen-Nuremberg*.
Thesis: Involuntary absent fathers? Separated fathers with disputed child custody or visitation rights (in German)
Supervisor: Dr. Reinhard Wittenberg
- 1996–1997 **School year abroad**, *Marist College, Athlone, Ireland*.

Awards

- 2007 **Master Thesis Award**, *Social Science Research Center, Friedrich-Alexander-Universität, Erlangen-Nuremberg*.

Professional Experience

- since 2014 **Postdoctoral Researcher**, *Chair of Statistics and Methodology, University of Mannheim*.
(Prof. Frauke Kreuter)
- since 2007 **Senior Researcher**, *Institute for Employment Research, Nuremberg*.
- Head of IAB Working Group on Data Quality
 - Research Department E3 Panel Study “Labour Market and Social Security” (PASS)
(Prof. Mark Trappmann), since 7/2008
 - Research Department C1 Active Labour Market Policies and Integration
(Prof. Gesine Stefan), 8/2013–12/2013
 - Research Data Center
(Stefan Bender), 4/2013–6/2013
 - Research Group Occupational Labour Markets
(Prof. Martin Abraham), 7/2009–1/2010
 - IT Services and Information Management
(Dr. Jürgen Passenberger), 4/2007–6/2008
- 2007–2008 **Lecturer**, *Chair of Sociology and Empirical Social Research, Sociology of the Labour Market, Friedrich-Alexander University Erlangen-Nuremberg*.
(Prof. Bernhard Prosch)
- 2007 **Freelancer**, *IT Services and Information Management, Institute for Employment Research, Nuremberg*.

Consulting Experience

- 2014 **Statistical Consulting**, *University of Vechta and German Youth Institute*, Munich.
(Prof. Anke König)
- 2000–2006 **Freelance IT Consultant**.

Student Jobs & Internships

- 2002–2006 **Student Assistant**, *Chair of Sociology and Empirical Social Research*, Friedrich-Alexander University Erlangen-Nuremberg.
(Prof. Johann Bacher and Prof. Petra Deger)
- 2003 **Intern**, *Staff Department*, Municipality of Wolfenbüttel.
- 2003 **Assistant**, *Bundesakademie für kulturelle Bildung*, Wolfenbüttel.
- 2001 **Assistant Director**, *Staatstheater Braunschweig*.
- 2001 **Assistant Director**, *Theaterfalle*, Basel.
- 2001 **Software Developer**, *SUSE Linux AG*, Nuremberg.

Teaching (all in German, translated titles)

- 2015 **Empirical Family Research**, Chair of Statistics and Methodology, University of Mannheim.
- 2014 **Practical Course – Data Collection**, with Barbara Felderer, Dr. Nikki Graf, and Jan Guijarro Usobiga, Chair of Statistics and Methodology, University of Mannheim.
- 2013 **Working with the PASS Data**, with Jonas Beste, Johannes Eggs, and Dr. Claudia Wenzig, Workshop on IAB panel datasets, IAB Establishment Panel and Panel Study “Labour Market and Social Security”, Institute of Labour Market and Socio-Economics, Friedrich-Alexander University Erlangen-Nuremberg.
- 2011 **Introduction to the use of longitudinal social science datasets. Basic and advanced methods of longitudinal analysis and their application. PASS module**, with Jonas Beste and Johannes Eggs, datalab2011@uni-bielefeld, Bielefeld University.
- 2010 **Practical Research: Computer Assisted Data Analysis using Stata**, with Jonas Beste and Malte Reichelt, Chair of Sociology and Empirical Social Research, Friedrich-Alexander University Erlangen-Nuremberg.
- Return to Sociology? Or: The Economic Crisis and its Consequences for Job and Family**, with Anne Berngruber, Chair of Empirical Economic Sociology, Friedrich-Alexander University Erlangen-Nuremberg.
- 2009 **Occupational Sociology**, Chair of Sociology and Empirical Social Research, Friedrich-Alexander University Erlangen-Nuremberg.
- We All Play Games – Game Theoretical Analyses in Science and Everyday Life**, with Anne Berngruber, Chair of Empirical Economic Sociology, Friedrich-Alexander University Erlangen-Nuremberg.
- 2008–2009 **Sociology**, with Simon Haagen and Prof. Bernhard Prosch, HFH Hamburger Fernhochschule University of Applied Sciences at Friedrich-Alexander University Erlangen-Nuremberg.

- 2007 **“Gestalten gestalten Gestalten” – From the Textbook onto the Stage**, with Simon Haagen and Prof. Bernhard Prosch, Chair of Sociology and Empirical Social Research, Friedrich-Alexander University Erlangen-Nuremberg.
- 2004–2007 **Introduction: Techniques of Scientific Working**, with Dr. Reinhard Wittenberg and others, Chair of Sociology and Empirical Social Research, Friedrich-Alexander University Erlangen-Nuremberg.
- 2004–2006 **Introductory Course: Preparing Documents using L^AT_EX**, with Dr. Reinhard Wittenberg and others, Chair of Sociology and Empirical Social Research, Friedrich-Alexander University Erlangen-Nuremberg.
- 2005 **Introductory Course: Soft Skills – “Das Studium, der Vortrag und Ich”**, with Thomas Ammon, Chair of Sociology and Empirical Social Research, Friedrich-Alexander University Erlangen-Nuremberg.
- 2004 **Tutorial for Student Research Project – “Augeklärt, doch ahnungslos”**, Chair of Sociology and Empirical Social Research, Friedrich-Alexander University Erlangen-Nuremberg.

Peer-Reviewed Articles

- 2013 **Occupational change and status mobility. The detrimental effects of unemployment and the loss of occupation specific human capital**, Bethmann A, *Journal for Labour Market Research* 46(4), 307–319.
- The PASS panel survey after six waves**, Trappmann M; Beste J; Bethmann A; Müller G, *Journal for Labour Market Research* 46(4), 275–281.
- 2012 **Decision Making within Couples in Deprived Circumstances Concerning Major Purchases and Leisure Time Activities**, Bethmann A; Berngruber A, *Journal of Family Research* 24(3), 319–343 (in German).
- 2011 **Involuntary absent fathers? Separated fathers with disputed child custody or visitation rights**, Trappmann M; Beste J; Bethmann A; Müller G, *Zeitschrift für Soziologie der Erziehung und Sozialisation* 31(2), 169–185 (Master thesis, in German).

Books and Book Chapters

- 2013 **Aspekte von Beruf und Familie unter ökonomischer Unsicherheit. Beiträge zu Familie, Partnerschaft und beruflicher Mobilität**, Bethmann A, Self-published, Nuremberg (Ph.D. thesis, partially in German).
- 2010 **AutoClass**, Bacher J; Bethmann A; Wenzig K, In: Bacher J; Pöge A; Wenzig K, *Clusteranalyse. Anwendungsorientierte Einführung in Klassifikationsverfahren*, 439–446. Oldenbourg, Munich (in German).
- Vergleich ausgewählter Software**, Bethmann A; Wenzig K, In: Bacher J; Pöge A; Wenzig K, *Clusteranalyse. Anwendungsorientierte Einführung in Klassifikationsverfahren*, 451–456. Oldenbourg, Munich (in German).

Other Publications

- 2015 **PASS Quick Start File. Spellinformationen im Querschnitt**, Bethmann A; Klawitter M, FDZ Methodenreport 4/2015. Institute for Employment Research, Nuremberg (in German).
- 2014 **Sozialstruktur und Lebensumstände: Materielle und soziale Lage der ALG-II-Empfänger**, Beste J; Bethmann A; Gundert S, IAB-Kurzbericht 24/2014. Institute for Employment Research, Nuremberg (in German).
- PASS-Befragungsdaten verknüpft mit administrativen Daten des IAB. (PASS-ADIAB) 1975-2011**, Antoni M; Bethmann A, FDZ Datenreport 3/2014. Institute for Employment Research, Nuremberg (in German).
- Codebuch und Dokumentation des 'Panel Arbeitsmarkt und soziale Sicherung' (PASS). Datenreport Welle 7**, Berg M; Cramer R; Dickmann C; Gilberg R; Jesske B; Kleudgen M; Bethmann A; Fuchs B; Huber M; Trappmann M, FDZ Datenreport 2/2014. Institute for Employment Research, Nuremberg (in German).
- 2013 **Das Faktorielle Survey-Modul zur Stellenannahmefähigkeit im PASS. 5. Erhebungswelle (2011)**, Frodermann C; Auspurg K; Hinz T; Bähr S; Abraham M; Gundert S; Bethmann A, FDZ-Methodenreport 5/2013. Institute for Employment Research, Nuremberg (in German).
- Codebuch und Dokumentation des 'Panel Arbeitsmarkt und soziale Sicherung' (PASS). Datenreport Welle 6**, Berg M; Cramer R; Dickmann C; Gilberg R; Jesske B; Kleudgen M; Bethmann A; Fuchs B; Trappmann M; Wurdack A, FDZ Datenreport 6/2013. Institute for Employment Research, Nuremberg (in German).
- User Guide "Panel Study Labour Market and Social Security" (PASS). Wave 6**, Bethmann A; Fuchs B; Wurdack A (Eds.), FDZ Datenreport 7/2013. Institute for Employment Research, Nuremberg.
- 2012 **Codebook and documentation of the panel study 'Labour Market and Social Security' (PASS). Datenreport wave 5**, Berg M; Cramer R; Dickmann C; Gilberg R; Jesske B; Kleudgen M; Bethmann A; Fuchs B; Trappmann M; Wurdack A, FDZ Datenreport 6/2012 EN. Institute for Employment Research, Nuremberg.
- Codebuch und Dokumentation des 'Panel Arbeitsmarkt und soziale Sicherung' (PASS). Datenreport Welle 5**, Berg M; Cramer R; Dickmann C; Gilberg R; Jesske B; Kleudgen M; Bethmann A; Fuchs B; Trappmann M; Wurdack A, FDZ Datenreport 6/2012 DE. Institute for Employment Research, Nuremberg (in German).
- 2011 **User Guide "Panel Study Labour Market and Social Security" (PASS). Wave 3**, Gebhardt D; Bethmann A (Eds.), FDZ Datenreport 4/2011. Institute for Employment Research, Nuremberg.
- Codebook and documentation of the panel study 'Labour Market and Social Security' (PASS). Volume I: Datenreport Wave 4**, Berg M; Cramer R; Dickmann C; Gilberg R; Jesske B; Kleudgen M; Bethmann A; Fuchs B; Gebhardt D, FDZ Datenreport 8/2011 EN. Institute for Employment Research, Nuremberg.

- Codebuch und Dokumentation des 'Panel Arbeitsmarkt und soziale Sicherung' (PASS). Band I: Datenreport Welle 4**, Berg M; Cramer R; Dickmann C; Gilberg R; Jesske B; Kleudgen M; Bethmann A; Fuchs B; Gebhardt D, FDZ Datenreport 8/2011 DE. Institute for Employment Research, Nuremberg (in German).
- 2010 **Arbeitsmotivation und Konzessionsbereitschaft: ALG-II-Bezug ist nur selten ein Ruhekissen**, Beste J; Bethmann A; Trappmann M, IAB-Kurzbericht 15/2010. Institute for Employment Research, Nuremberg (in German).
- 2009 **Codebook and documentation of the panel study 'Labour Market and Social Security' (PASS). Volume I: Introduction and overview. Wave 2 (2007/2008)**, Gebhardt D; Müller G; Bethmann A; Trappmann M; Christoph B; Gayer C; Müller B; Tisch A; Siflinger B; Kiesel H; Huyer-May B; Achatz J; Wenzig C; Rudolph H; Graf T; Biedermann A, FDZ Datenreport 6/2009 EN. Institute for Employment Research, Nuremberg.
- Codebuch und Dokumentation des 'Panel Arbeitsmarkt und soziale Sicherung' (PASS). Welle 2 (2007/2008)**, Gebhardt D; Müller G; Bethmann A; Trappmann M; Christoph B; Gayer C; Müller B; Tisch A; Siflinger B; Kiesel H; Huyer-May B; Achatz J; Wenzig C; Rudolph H; Graf T; Biedermann A, FDZ Datenreport 6/2009 DE. Institute for Employment Research, Nuremberg (in German).
- 2006 **Theatergestalten. Versinnlichung als Veranstaltungskonzept in der Hochschullehre**, Bethmann A; Haagen S, In: Prosch B; Christian B (Eds.), *Hilft Gestalt?* Arbeits- und Diskussionspapier 2006-02, 75–78. Chair of Sociology and Empirical Social Research, Nuremberg (in German).

Presentations

- 2014 **Introducing Adaptive Design Elements in the Panel Study "Labour Market and Social Security" (PASS)**, *2014 International Methodology Symposium*, Statistics Canada, Gatineau.
- Automatic Coding of Occupations**, *2014 International Methodology Symposium*, Statistics Canada, Gatineau (poster).
- The Impact of Unemployment on Male Gender Role Attitudes in Germany, Modes, Measurement, Modelling: Achieving Equivalence in Quantitative Research**, GESIS – Leibniz Institute for the Social Sciences, Mannheim.
- Automatic Coding of Occupations**, *67th Annual Conference*, World Association for Public Opinion Research, Nice (with Knut Wenzig).
- Automatic Coding of Occupations**, *VI European Congress of Methodology*, European Association of Methodology, Universität Utrecht (with Malte Schierholz).
- How does SEM make the world look better: Investigation of gender roles in the religious context?**, *VI European Congress of Methodology*, European Association of Methodology, Universität Utrecht.

- 2013 **Stichproben, Gewichtung und Hochrechnung im PASS**, *Workshop on IAB panel datasets, IAB Establishment Panel and Panel Study "Labour Market and Social Security"*, Institute of Labour Market and Socio-Economics, Friedrich-Alexander University Erlangen-Nuremberg (in German).
- Decision Making within Couples in Deprived Circumstances Concerning Major Purchases and Leisure Time Activities**, *Demographic and Institutional Change in Global Families*, RC06 Family Research, International Sociological Association, Academia Sinica, Taipei.
- 2012 **Job Search Intensity and Welfare Benefits Receipt**, *1st User Conference of the PASS panel survey*, Institute for Employment Research, Nuremberg.
- Socio-economic Status and Occupational Mobility among Benefit Recipients**, *International Research Seminar in Sociology, Research Methods and Criminology*, 4th Joint Austrian-German-Macedonian-Polish Seminar, Johannes Kepler University Linz.
- 2011 **Fördern und Fordern – wozu müssen Arbeitslose motiviert werden? Eine empirische Betrachtung auf Basis einer Befragung von Arbeitslosen**, *8. Tagung des DNBGF-Forums Arbeitsmarktintegration und Gesundheitsförderung*, Essen (with Knut Wenzug, in German).
- Stichproben, Gewichtung und Hochrechnung im PASS**, *datalab2011@uni-bielefeld*, Bielefeld University (in German).
- Unemployment Benefits and Occupational Mobility – Individual Consequences of Strict Labour Market Policies in Germany**, *BSA Annual Conference 2011*, The British Sociological Association, London.
- 2010 **Examples for SPSS TwoStep Cluster from Textbooks – reanalysed with AutoClass and LatentGOLD**, *2nd Joint Statistical Meeting*, Deutsche Arbeitsgemeinschaft Statistik "Statistics under one umbrella", TU Dortmund.
- 2009 **SPSS TwoStep-Cluster revisited – kritische Analysen mit Hilfe von AutoClass**, *14. Workshop Angewandte Klassifikationsanalyse*, Rothenberge (with Knut Wenzig, in German).
- Determinanten des Berufswechsels – Explorative Untersuchung mit den PASS-Daten**, *Forschungsseminar*, Universität Erlangen-Nürnberg (in German).
- 2008 **Open Source Clusteranalyse. Ein praktisches Anwendungsbeispiel zur Regionaltypisierung**, *14. Workshop Angewandte Klassifikationsanalyse*, Rothenberge (with Knut Wenzig, in German).
- Open Source Clustering**, *7th International Conference on Social Science Methodology*, RC33 Logic and Methodology in Sociology, International Sociological Association, Naples.

■ Reviewer

Work and Occupations.

Economic Research.

Commission Work

- 2011 **Member of Search Committee**, *Combined post: Chair of Sociology, esp. Survey-Methodology and Head of Research Department – Panel Study “Labour Market and Social Security”*, University of Bamberg and Institute for Employment Research, Nuremberg.
- 2008 **Committee Member**, *Development of Masters Degree Examination Regulations*, School of Business and Economics, Friedrich-Alexander University Erlangen-Nuremberg.
- 2006 **Member of Search Committee**, *Chair of General Sociology and Comparative Social Research*, succession to Prof. Henrik Kreutz, Friedrich-Alexander University Erlangen-Nuremberg.

Additional Training

- 2014 **Understanding and Modeling Measurement Error in Social Surveys**, Prof. Jaak Billiet and Dr. Melanie Revilla, GESIS Summer School, GESIS – Leibniz Institute for the Social Sciences, Cologne.
- 2012 **Qualitative Approaches for Quantitative Researchers**, Dr. Herwig Reiter and Dr. Ulrich Pötter, German Youth Institute, Munich (in German, translated title).
Introduction to Structural Equation Modeling and Advanced Course on Using Mplus, Prof. Joop Hox and others, Utrecht Summer School, Utrecht University.
- 2011 **Psychometric Scales in Surveys**, Dr. Norman Rose, Institute for Employment Research, Nuremberg (in German, translated title).
- 2010 **Analysis of Complex Survey Data**, Dr. Stephanie Eckman, Institute for Employment Research, Nuremberg.
Random Sampling, Prof. Götz Rohwer, German Youth Institute, Munich (in German, translated title).
Mathematical Tools for Social Scientists, Dr. Martin Elff, GESIS Leibniz Institute for the Social Sciences, Cologne.
Event History Analyses with Stata, Prof. Marita Jacob, Institute for Employment Research, Nuremberg.
- 2008 **Computer assisted data analysis using R**, Knut Wenzig, Chair of Sociology and Empirical Social Research, Friedrich-Alexander University Erlangen-Nuremberg.