

PETER EIBICH

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Curriculum Vitae

ACADEMIC POSITIONS

Since Dec 2017	Deputy Head of the Research Group “Labor Demography”, Max Planck Institute for Demographic Research, Rostock, Germany
Jan 2015 to Nov 2017	Senior Researcher, Health Economics Research Centre, Nuffield Department of Population Health, University of Oxford, UK
Oct 2012 to Feb 2015	Research Associate (part-time) Department Socio-Economic Panel Study, DIW Berlin, Berlin, Germany
Jun 2011 to Sep 2012	Research Assistant (part-time) Department Socio-Economic Panel Study, DIW Berlin, Berlin, Germany

EDUCATION

Jun 2015	PhD (Dr. rer. pol.) in Economics University of Hamburg Grade: with distinction (“summa cum laude”) Supervisors: Thomas Siedler (University of Hamburg) and Nicolas R. Ziebarth (Cornell University, NY)
Oct 2012	Master of Science, Statistics Humboldt University Berlin, Free University Berlin, Technische Universität Berlin
Sep 2010	Bachelor of Arts, Business Administration Berlin School of Law and Economics

RESEARCH INTERESTS

Health Economics:	small area variation, economics of aging and retirement, preventive care use
Applied Econometrics:	Bayesian econometrics, spatial econometrics, regression discontinuity design

Refereed journals

1. Pedron, S., Maier, W., Peters, A., Linkohr, B., Meisinger, C., Rathmann, W., **Eibich***, P., and Schwettmann*, L., 2020. The effect of retirement on biomedical and behavioral risk factors for cardiovascular and metabolic disease, *Economics & Human Biology*, 38, 100893.
2. **Eibich, P.**, and Siedler, T., 2020. Retirement, Intergenerational Time Transfers, and Fertility, *European Economic Review*, 124, 103392.
3. Dakin, H., **Eibich, P.**, Gray, A., Beard, D. and Price, A., 2020. The use of patient-reported outcome measures to guide referral for hip and knee replacement: Part 2 – a cost-effectiveness analysis, *The Bone & Joint Journal*, 102-B(7):950–958.
4. Dakin, H., **Eibich, P.**, Gray, A., Smith, J., Barker, K., Beard, D., and Price, A., 2020. Who gets referred for joint replacement? A retrospective review of clinic records assessing the potential impact of an evidence-based referral tool in a musculoskeletal hub, *BMJ Open*, 10:e028915.
5. Gerstorff, D., Drewelies, J., Duezel, S., Smith, J., Wahl, H-W., Schilling, O., Kunzmann, U., Siebert, J.S., Katzorreck, M., **Eibich, P.**, Demuth, I., Steinhagen-Thiessen, E., Wagner, G.G., Lindenberger, U., Heckhausen, J. and Ram, N., 2019. Cohort Differences in Adult-Life Trajectories of Internal and External Control Beliefs: A Tale of More and Better Maintained Internal Control and Fewer External Constraints, *Psychology and Aging*, 34(8), 1090-1108.
6. Roope, L.S.J., Smith, R.D., Pouwels, K.B., Buchanan, J., Abel, L., **Eibich, P.**, Butler, C.C., Tan, P.S., Walker, A.S., Robotham, J.V. and Wordsworth, S., 2019. The challenge of Antimicrobial Resistance: What economics can contribute, *Science*, 364(6435).
7. Kolodziejczak, K., Rosada, A., Drewelies, J., Düzel, D., **Eibich, P.**, Tegeler, C., Wagner, G.G., Beier, K.M., Ram, N., Demuth, I., Steinhagen-Thiessen, E. and Gerstorff, D., 2019. Sexual Activity, Sexual Thoughts, and Intimacy among Older Adults: Links with Physical Health and Psychosocial Resources for Successful Aging, *Psychology and Aging*, 34(3), 389-404.
8. Linnér, R.K., Biroli, P., Kong, E., et al., 2019. Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences, *Nature Genetics*, 51, 245-257.
9. **Eibich, P.**, Dakin, H., Price, A., Beard, D., Arden, N. and Gray, A.M., 2018. Association between pre-operative Oxford hip and knee scores and costs and quality-of-life of patients undergoing primary total joint replacement in the NHS England: An observational study, *BMJ Open*, 8:e019477.
10. König, M., Drewelies, J., Norman, K., Spira, D., Buchmann, N., Hülür, G., **Eibich, P.**, Wagner, G.G., Lindenberger, U., Steinhagen-Thiessen, E., Gerstorff, D. and Demuth, J., 2018. Historical trends in modifiable indicators of cardiovascular health and self-rated health among older adults: Cohort differences over 20 years between the Berlin Aging Study (BASE) and the Berlin Aging Study II (BASE-II), *PLOS ONE*, doi: 10.1371/journal.pone.0191699.
11. **Eibich, P.**, Green, A., Hattersley, A.T., Jennison, C., Lonergan, M., Pearson, E.R. and Gray, A.M., 2017. Costs and Treatment Pathways for Type 2 Diabetes in the UK: A Mastermind Cohort Study, *Diabetes Therapy*, 8(5), 1031-1045.
12. Kühn, S., Düzel, S., **Eibich, P.**, Krekel, C., Wüstemann, H., Kolbe, J., Martensson, J., Goebel, J., Gallinat, J., Wagner, G.G. and Lindenberger, U., 2017. In search of features that constitute an "enriched environment" in humans. Associations between geographical properties and brain structure, *Scientific Reports*, 7:11920.
13. Barban, N., Jansen, R., de Vlaming, R., et al., 2016. Genome-wide analysis identifies 12 loci influencing human reproductive behavior, *Nature Genetics*, 48, 1462-1472.
14. Müller, S., Wagner, J., Drewelies, J., Duezel, S., **Eibich, P.**, Specht, J., Demuth, I., Steinhagen-Thiessen, E., Wagner, G.G. and Gerstorff, D., 2016. Personality development in old age relates to physical health and cognitive performance: Evidence from the Berlin Aging Study II, *Journal of Research in Personality*, 65, 94-108.

15. Okbay, A., Baselmans, B., De Neve, J.-E. et al., 2016. Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses, *Nature Genetics*, 48, 624-633.
16. Okbay, A., Beauchamp, J., Fontana, M. et al., 2016. Genome-wide association study identifies 74 loci associated with educational attainment, *Nature*, 533, 539-542.
17. **Eibich*, P.**, Buchmann*, N., Kroh, M., Wagner, G.G., Steinhagen-Thiessen, E., Demuth, I. and Norman, K., 2016. Exercise at different ages and appendicular lean mass and strength in later life – Results from the Berlin Aging Study II. *Journals of Gerontology, Series A: Medical Sciences*, 71(4), 515-520.
18. Hülür, G., Drewelies, J., **Eibich, P.**, Duezel, S., Demuth, I., Ghisletta, P., Steinhagen-Thiessen, E., Wagner, G.G., Lindenberger, U. and Gerstorf, D., 2016. Cohort Differences in Psychosocial Function over 20 Years: Current Older Adults Feel Less Lonely and Less Dependent on External Circumstances, *Gerontology*, 62, 354-361.
19. **Eibich, P.**, Krekel, C., Demuth, I. and Wagner, G.G., 2016. Associations between neighborhood characteristics, health and well-being vary over the life course. *Gerontology*, 62, 362-370.
20. **Eibich, P.**, 2015 Understanding the effect of retirement on health: Mechanisms and Heterogeneity, *Journal of Health Economics*, 43, 1-12.
21. Gerstorf, D., Hülür, G., Drewelies, J., **Eibich, P.**, Duezel, S., Demuth, I., Ghisletta, P., Steinhagen-Thiessen, E., Wagner, G.G. and Lindenberger, U., 2015. Secular Changes in Late-life Cognition and Well-being: Towards a Long Bright Future with a Short Brisk Ending?, *Psychology and Aging*, 30(2), 301-310.
22. **Eibich, P.** and N.R. Ziebarth, 2014. Examining the structure of spatial health effects in Germany using Hierarchical Bayes Models. *Regional Science and Urban Economics*, 49, 305-320.
23. **Eibich, P.** and N.R. Ziebarth, 2014. Analyzing Regional Variation in Health Care Utilization Using (Rich) Household Microdata. *Health Policy*, 114(1), 41-53.

Policy Reports

1. Price, A.J., Smith, J., Dakin, H., et al., 2019. The Arthroplasty Candidacy Help Engine Tool to Select Candidates for Hip and Knee Replacement Surgery: Development and Economic Modelling, *Health Technology Assessment*, 23(32), 1-216.
2. Eibich, P., Kholodilin, K., Krekel, C. and Wagner, G.G., 2015. Aircraft Noise in Berlin Affects Quality of Life Even Outside the Airport Grounds, *DIW Economic Bulletin*, 9/2015, 127-133.
3. Eibich, P., 2014. The health effects of retirement. *DIW Roundup* 48.
4. Eibich, P., Schmitz, H. and N.R. Ziebarth, 2012. Add-On Premiums Increase Price Transparency: More Policy Holders Switch Health Plans, *DIW Economic Bulletin*, 2(2), 15-24.

GRANTS

2018/2019

Research funding for the project “Diversification of migrants’ occupational characteristics”. €81,000 awarded for the period 2018-2019 by the Max Planck Society. Role: PI.

2017

GendAge - Sex- and gender-sensitive prevention of cardiovascular and metabolic disease in older adults in Germany. €1,205,801 awarded for the period 2017-2021 by the German Federal Ministry for Education and Research. Role: Consultant.

2016-2017

Wellcome Trust Research Fellowship on “The demand for prevention in middle- and later-life”, £176,150 awarded for the period 2016-2019. Role: PI.

AWARDS

2019

Poster Award for “Retirement, Intergenerational Time Transfers, and Fertility”, Population Association of America Conference, Austin, US.

2015

Scientific prize “Regional Healthcare Research” for “Examining the structure of spatial health effects in Germany using Hierarchical Bayes Models”, Central Research Institute of Ambulatory Health Care in Germany (Zi Berlin), €2,500.

2014

Best Paper Award for “Understanding the effect of retirement on health using Regression Discontinuity Design”, European Health Economics Association Ph.D.-Supervisor Conference, Manchester, UK.

CONFERENCE PRESENTATIONS AND INVITED SEMINARS (* *upcoming*)

2019

European Association of Labor Economists (EALE), Uppsala, Sweden
European Economic Association, Manchester, UK
“Aging, End of Life Care and Social Policy” Workshop, Shanghai and Beijing, China
Essen Health Conference, Essen, Germany
Population Association of America, Austin, US
German Association of Health Economists, Augsburg, Germany

2018

dggö Health Econometrics Workshop, Essen, Germany
Scottish Economic Society, Perth, UK
Newcastle University, Newcastle, UK
European Health Economics Association, Maastricht, Netherlands

2017

German Association for Demography, Rostock, Germany
University of Paderborn, Paderborn, Germany
VAM Workshop, University of Bergen, Bergen, Norway
Scottish Economic Society, Perth, UK
German Association of Health Economists (dggö), Basel, Switzerland

2016

Health Economics Research Unit, University of Aberdeen, Aberdeen, UK
Nuremberg Research Seminar in Economics, Friedrich-Alexander-Universität Erlangen-Nürnberg, Nürnberg, Germany
German Economic Association (Verein für Socialpolitik), Augsburg, Germany
European Health Economics Association, Hamburg, Germany
SOEP User Conference, Berlin, Germany
European Society for Population Economics, Berlin, Germany
Essen Health Conference “Fertility”, Essen, Germany
Diabetes UK Professional Conference, Glasgow, UK

2015

European Health Economic Association PhD/ECR Conference, Paris, France
 European Economic Association, Mannheim, Germany
 International Health Economics Association (iHEA), Milan, Italy
 Scottish Economic Society, Perth, UK
 German Association for Demography, Berlin, Germany

2014

European Association of Labor Economists (EALE), Ljubljana, Slovenia
 European Health Economics Association PhD Conference, Manchester, UK
 International Institute for Public Finance, Lugano, Switzerland
 International Health Economics Association (iHEA), Dublin, Ireland
 American Society of Health Economists (ASHecon), Los Angeles, USA
 Spatial Econometrics Association, Zürich, Switzerland
 German Association of Health Economists (dggö), Munich, Germany
 International Young Scholar German Socio-Economic Panel Symposium,
 Delmenhorst, Germany

2013

TEPP Conference “Research on Health and Labour,” Le Mans, France
 German Economic Association (Verein für Socialpolitik), Düsseldorf, Germany
 Spatial Econometrics Association, Washington D.C., USA
 European Society for Population Economics (ESPE), Aarhus, Denmark
 Bayesian Young Statistician’s Meeting, Milan, Italy
 German Association of Health Economists (dggö), Essen, Germany

2012

III Health Econometrics Workshop, Siena, Italy

TEACHING

Winter 2019/20	Causality I, Lecture and Tutorial, PHDS Population Health Course, postgraduate level, Max Planck Institute for Demographic Research
Winter 2017/18	Introduction to Health Economic Evaluation, Lecture, University of Oxford
Summer 2017	Applied Methods of Cost-effectiveness Analysis, Lecture, University of Oxford
Winter 2016/17	Applied Methods of Cost-effectiveness Analysis, Lecture, University of Oxford Introduction to Health Economic Evaluation, Lecture, University of Oxford
Summer 2016	Applied Methods of Cost-effectiveness Analysis, Tutorial, University of Oxford
Winter 2015/16	Applied Methods of Cost-effectiveness Analysis, Tutorial, University of Oxford
Winter 2014/15	Estimation and Inference in Econometrics, graduate level, University of Hamburg
Summer 2014	Empirical Labor Economics, graduate level, University of Hamburg
Winter 2013/14	Advanced Econometrics, graduate level, University of Hamburg
Summer 2013	Regression Discontinuity Design in Economics, graduate level, University of Hamburg
Summer 2013	“The German health care system and its perpetual change”, graduate level, School of Public and Environmental Affairs, Indiana University, Summer Course at Hertie School of Governance, Berlin

SUPERVISION OF STUDENTS

Lara Bister, M.Sc. student, University of Groningen (May-July 2019)

Lydia Veronica Palumbo, PhD student, University of Southampton (since 2018)

Luis Adrián Serratos Sotelo, PhD student, Lund University (since 2018)

Shuye Yu, PhD student, University of Groningen (since 2019)

REVIEWING

Academic Journals

Journal of Human Resources, Journal of Health Economics, Health Economics, Social Science and Medicine, The BMJ, Journal of Economic Behavior and Organization, Health Policy, European Economic Review, Journal of the Economics of Ageing, Regional Science and Urban Economics, Journal of Economic Surveys, International Journal of Healthcare Finance and Economics, BMJ Open, Preventive Medicine, PLOS One, International Journal of Technology Assessment in Health Care, Employee Relations, Journal of Occupational and Environmental Medicine, Human Resources For Health, Psychiatry Research, Diabetologia, Journal of Population Aging, Age and Ageing, European Journal of Population, Health and Place, British Medical Bulletin, Health and Quality of Life Outcomes, The B.E. Journal of Economic Analysis and Policy, Research on Aging, Fiscal Studies, Japanese Journal of Statistics and Data Science, NIHR Editorial Reports Only, Journal of Happiness Studies

Grants

ERC Starting Grants, NIHR Health Technology Assessment Programme, National Institute for Academic Anaesthesia Small Grant Scheme

SERVICES FOR THE PROFESSION

Feb 2019	Second opponent, PhD Committee of Otto Sevaldson Lillebø, University of Bergen, Norway
Sep 2018 to July 2019	Seminar organizer, Max Planck Institute for Demographic Research
Sep 2018	Member of Scientific Committee, EuHEA PhD/ECR-Supervisor Conference, Catania, Italy
July 2018	Member of Organizing Committee, Rostock Retreat on Causality
Sep 2015 to Nov 2017	Organizer of the internal seminar, Health Economics Research Centre, University of Oxford
Feb 2015	Member of Scientific Committee: International Health Economics Association, July 12-15, Milan, Italy
Feb 2014	Member of Scientific Committee: International Health Economics Association, July 13-16, Dublin, Ireland
Aug 2013 to Aug 2014	Seminar organizer: Berlin Network of Labour Market Researchers (BeNA), Berlin, Germany

REFERENCES

Upon request.