

University of Mannheim  
Chair of Microeconometrics  
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**Helmut Farbmacher**

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### Academic positions

- 08/2017 - 07/2018 Stand-In Professor (W3) “Microeconometrics”,  
Department of Economics, University of Mannheim.
- 2014 - present Head of Research Unit “Health Econometrics”.
- 2011 - present Senior Researcher, Munich Center for the Economics of Aging (MEA),  
Max Planck Society.
- 04 - 06/2013 Visiting Research Fellow, Department of Economics,  
University of Bristol.
- 2007 - 2011 Research and Teaching Assistant, Seminar for Empirical Research,  
Department of Economics, University of Munich.

### Academic education and degrees

- May 2012 PhD (Dr. oec. publ.; summa cum laude), University of Munich,  
Thesis Title: Financial Incentives and Behavior.  
Four Essays in Applied Health and Labor Economics.
- 2007 - 2012 Munich Graduate School of Economics (Supervisor: Joachim Winter).
- January 2007 Diploma (Economics), University of Munich.

### Research Interests

Applied Econometrics; Statistical Learning; Health, Labor and Experimental Economics

### Papers in refereed journals

- Farbmacher H., Bach P., Spindler M. (2018) “Semiparametric Count Data Modeling with an Application to Health Service Demand” *Econometrics and Statistics*, forthcoming.
- Farbmacher H., Guber R., Vikstroem J. (2018) “Increasing the credibility of the twin birth instrument.” *Journal of Applied Econometrics*, 33(3), 457–472.
- Farbmacher H., Ihle P., Schubert I., Winter J., Wuppermann A. (2017) “Heterogeneous Effects of a Nonlinear Price Schedule for Outpatient Care.” *Health Economics*, 26(10), 1234–1248.
- Farbmacher H., Kögel H. (2017) “Testing under a special form of heteroskedasticity.” *Applied Economics Letters*, 24(4), 264–268.
- Farbmacher H., Burgess S., Davies N.M., Smith G.D., Scholder S.v.H.K., Windmeijer F. (2015) “The many weak instrument problem and Mendelian randomization.” *Statistics in Medicine*, 34(3), 454–468.
- Farbmacher H. (2013) “Extensions of hurdle models for overdispersed count data.” *Health Economics*, 22(11), 1398–1404.

Farbmacher H., Winter J. (2013) “Per-period co-payments and the demand for health care: Evidence from survey and claims data.” *Health Economics*, 22(9), 1111–1123.

Farbmacher H. (2012) “GMM with many weak moment conditions: Replication and application of Newey and Windmeijer (2009).” *Journal of Applied Econometrics*, 27(2), 343–346.

Farbmacher H. (2011) “Estimation of hurdle models for overdispersed count data.” *Stata Journal*, 11(1), 82–94.

### Work in progress

Farbmacher H., Windmeijer F., Davies N.M., Smith G.D. “On the Use of the Lasso for Instrumental Variables Estimation with Some Invalid Instruments”, *Discussion Paper 16/674*, University of Bristol. Revise and resubmit (2nd round) *Journal of the American Statistical Association*.

Farbmacher H., Bun M., Poldermans R. “Finite sample properties of the Anderson and Rubin (1949) test”, unpublished manuscript. Revise and resubmit *Econometric Reviews*.

Farbmacher H. “A modification of the CUE when some parameters are weakly identified”, unpublished manuscript.

Farbmacher H., Bucher-Koenen T., Guber R., Vikstroem J. “Double trouble: The burden of child rearing and working on maternal mortality”, unpublished manuscript.

Farbmacher H., Bordt S. “The econometrics of contributions, beliefs and social preferences in public goods experiments”, unpublished manuscript.

### Commands in Stata

`sivreg` - (Adaptive) Lasso with some invalid instruments, 2017.

`nwind` - module to compute Newey-Windmeijer VCE after `ivreg2` GMM-CUE estimation, 2014.

`ztnbp` - module to estimate zero-truncated NegBin-P regression, 2012.

`ztpflex` - module to estimate zero-truncated Poisson mixture regression, 2012.

`ztpnm` - module to estimate zero-truncated Poisson normal mixture regression, 2011.

### Refereeing

Applied Economics; B.E. Journal of Economic Analysis and Policy; Journal of Economic Behavior and Organization; Journal of Health Economics; Journal of Labour Market Research; Empirical Economics; Fiscal Studies; Health Economics; Journal of Aging and Social Policy; Stata Journal; Tourism Management.

### Awards and grants

Otto Hahn Medal of the Max Planck Society, 2014.

Travel grant from Fritz Thyssen Stiftung for research stay at the University of Bristol, 2013.

## Teaching experience

### *University of Mannheim:*

- Regression Shrinkage Methods (M.Sc. level), seminar, Spring Term 2018.
- Topics in Empirical Economics (M.Sc. level), lecture and tutorial, Spring Term 2018.
- Educational Economics (B.Sc. level), seminar, Spring Term 2018.
- Applied Econometrics (M.Sc. level), lecture and tutorial, Fall Term 2017.
- Topics in Empirical Economics (M.Sc. level), lecture and tutorial, Fall Term 2017.
- Applied Health Economics (B.Sc. level), seminar, Fall Term 2017.

### *University of Augsburg:*

- Causal Inference in the Social Sciences (M.Sc. level), lecture, Winter Term 2015/16 & Winter Term 2016/17.

### *University of Munich:*

- Advanced Topics in Econometrics (PhD & M.Sc. level), lecture and tutorial, Winter Term 2014/15.
- Applied Health Economics (M.Sc. level), lecture and tutorial, Summer Term 2014.
- Microeconometrics (PhD & M.Sc. level), tutorial, Summer Term 2011.
- Advanced Econometrics (PhD & M.Sc. level), tutorial, Winter Term 2010/11.
- Empirische Wirtschaftspolitik (B.Sc. level), tutorial, Winter Term 2009/10 & Winter Term 2008/09.
- Empirische Ökonomie (B.Sc. level), tutorial, Summer Term 2008.

Supervision of seminars and Bachelor-, Master- and Diploma theses in Health Economics and Statistics.

## Conferences

- Verein für Socialpolitik: Vienna, 2017;
- Econometric Study Group Conference: Bristol, 2017;
- Mendelian randomization in the age of large-scale accessible genomics data: Bristol, 2017;
- Annual Conference of the Royal Economic Society: Bristol, 2017;
- DGGÖ-Jahrestagung: Basel, 2017;
- 22nd International Panel Data Conference: Fremantle, 2016;
- North American Summer Meeting of the Econometric Society: Philadelphia, 2016;
- Annual Conference of the Royal Economic Society: Sussex, 2016;
- Tagung der Deutschen Arbeitsgemeinschaft Statistik: Göttingen, 2016;
- UvA-Econometrics Panel Data Workshop: Amsterdam, 2016;
- World Congress of the Econometric Society: Montréal, 2015;
- Frontiers of Theoretical Econometrics: Constance, 2015;
- International Association for Applied Econometrics (Annual Conference): Thessaloniki, 2015;
- German Network of Young Microeconometricians: Mannheim, 2015;
- Workshop dggö-Ausschuss Gesundheitsökonomie: Wuppertal, 2014;
- Augsburg Workshop on the Economics of Health Behaviors and Prevention: Augsburg, 2013;
- European Workshop on Econometrics and Health Economics: Lund, 2012;
- DGGÖ-Jahrestagung: Constance, 2012;
- Econometric Society European Meeting, Oslo 2011;
- European Economic Association: Glasgow, 2010;
- Verein für Socialpolitik: Kiel, 2010.

**Personal Information**

Nationality        German  
Date of Birth      28<sup>th</sup> of May 1979  
Marital Status    married, two children

**References**

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