Dr Martin Wersing

University of Aberdeen
Business School
Edward Wright Building
United Kingdom
Email: martin.wersing@abdn.ac.uk
Web: https://www.abdn.ac.uk/business/disciplines/accountancy/profiles/martin.wersing

Curriculum Vitae
October 2022

Educational Background

Doctor of Economics

Technische Universität Berlin, 2010

Advisors: Prof. Axel Werwatz, PhD and Prof. Dr Wolfgang Härdle

M.Sc. Business Economics (Majors: Finance, Management, Public Economics, Statistics)

Freie Universität Berlin, 2004

Research Interests

Applied econometrics & statistics, urban economics, housing economics

Academic Positions

January 2013 to present: Lecturer in Real Estate and Finance, University of Aberdeen Business School (equivalent to Assistant Professor, tenured in March 2016).

January 2011 to December 2012: Research fellow, Chair of Econometrics and Business Statistics, Technische Universität Berlin and Collaborative Research Center 649 Economic Risk, Humboldt-Universität zu Berlin.

January 2009 to December 2010: Research assistant, Chair of Econometrics and Business Statistics, Technische Universität Berlin and Collaborative Research Center 649 Economic Risk, Humboldt-Universität zu Berlin.

January 2005 to December 2008: Research assistant, Heinz-Nixdorf Chair of Management Science and Collaborative Research Center 649 Economic, Humboldt-Universität zu Berlin.

June 2004 to December 2004: Research assistant, German Institute for Economic Research.

Memberships of professional bodies

American Real Estate and Urban Economics Association (AREUEA), Scottish Economic Society (SES), Scottish Institute for Research in Economics (SIRE)

Bibliography

Refereed journals

Schulz, R. and Wersing, M (2021) Automated Valuation Services: A case study for Aberdeen in Scotland, *Journal of Property Research*, 38, pp. 154-172.

Kolbe, J., Schulz, R., Wersing, M. and Werwatz, A. (2021) Real Estate Listings and their usefulness for hedonic regressions, *Empirical Economics,* 61, pp. 3239-3269.

Kolbe, J., Schulz, R., Wersing, M. and Werwatz, A. (2019) Land value appraisal using statistical methods, *German Journal of Real Estate Research*, 5, pp. 131-154.

Schulz, R. and Wersing, M. (2018) The revival of East Berlin's land market after the German reunification, *Journal of Housing Economics*, 42, pp. 19-29.

Kolbe, J., Schulz, R., Wersing, M. and Werwatz, A. (2015) Identifying Berlin's land value map using adaptive weights smoothing, *Computational Statistics*, 30, pp. 767-790.

Schulz, R., Wersing, M. and Werwatz, A. (2014) Renting versus owning and the role of human capital: evidence from Germany, *Journal of Real Estate Finance and Economics*, 31, pp. 754-788.

Schulz, R., Wersing, M. and Werwatz, A. (2014) Automated valuation modelling: a specification exercise, *Journal of Property Research,* 31, pp. 131-153.

Book contributions

Schulz, R., Staiber, M., Wersing, M. and Werwatz, A. (2008) The accuracy of long term real estate valuations, in: Härdle, W. and Hautsch, N., *Applied Quantitative Finance*, 2nd Edition, Springer Verlag, Heidelberg.

Discussion and working papers

Kolbe, J., Schulz, R., Wersing, M. and Werwatz, A. (2019) Land value appraisal using statistical methods, FORLand Working Paper 2019-007, DFG Research Unit 2569 FORLand, Humboldt-Universität zu Berlin.

Schulz, R. and Wersing, M. (2015) Forecasting the oil price using house prices, SFB 649 Discussion Paper 2015-041, Sonderforschungsbereich 649, Humboldt-Universität zu Berlin.

Kolbe, J., Schulz, R., Wersing, M. and Werwatz, A. (2015) Identifying Berlin's land value map using adaptive weights smoothing, SFB 649 Discussion Paper 2015-003, Sonderforschungsbereich 649, Humboldt-Universität zu Berlin.

Owusu-Ansah, A., Roberts, D., Schulz, R. and Wersing, M. (2013) Developing a local house price index: The case of Aberdeen, Scotland, University of Aberdeen Business School.

Schulz, R., Wersing, M. & Werwatz, A. (2013). Automated valuation modelling: A specification exercise'. SFB 649 Discussion Paper 2013-046, Humboldt-Universität zu Berlin.

Kolbe, J., Schulz, R., Wersing, M. and Werwatz, A. (2012) Location, location, location: Extracting location value from house prices, SFB 649 Discussion Paper 2012-040, Sonderforschungsbereich 649, Humboldt-Universität zu Berlin.

Schulz, R. and Wersing, M. (2012) A slab in the face: Neighbourhood effects and building quality, SFB 649 Discussion Paper 2012-020, Sonderforschungsbereich 649, Humboldt-Universität zu Berlin.

Schulz, R., Wersing, M. and Werwatz, A. (2009) Renting versus owning and the role of income risk: The Case of Germany, SFB 649 Discussion Paper 2009-060, Sonderforschungsbereich 649, Humboldt-Universität zu Berlin.

Schulz, R., Staiber, M., Wersing, M. & Werwatz, A. (2008). The accuracy of long-term real estate valuations. SFB 649 Discussion Paper 2008-019, Humboldt-Universität zu Berlin.

Work in progress

Teleworking and Housing Demand (with R. Schulz and V. Watson), revise and resubmit, Regional Science and Urban Economics

Residential real estate auctions: evidence from Sweden (with Gunnelin, Hungria-Gunnelin, and MacGregor)

Land value extraction (with R. Schulz and A. Werwatx)

<u>Conference, seminar and workshop presentations</u>

Teleworking and Housing Demand. (with R.Schulz and V. Watson): AREUEA International Conference, Dublin 2022, Technische Universität Berlin, 2022.

What can we learn from listings data about house prices? (with J. Kolbe, R. Schulz, and A. Werwatz): KTH Stockholm 2019, University of Aberdeen, 2019, CRC 649 Annual Conference, Motzen, 2016.

Building quality feedback (with R. Schulz): Humboldt-Universität zu Berlin, 2015; IWH, Halle, 2012; Verein für Socialpolitik Annual Conference, Goettingen, 2012; AREUEA Annual Conference, Chicago, 2012; Statistische Woche, Leipzig, 2011; SFB649 Annual Conference, 2011; Technische Universität Berlin, 2010.

Forecasting the oil price using house prices (with R. Schulz): University of British Columbia, 2015; Workshop on Petroleum Energy Aberdeen, 2015; Scottish Economic Society Conference, Perth, 2015; Freie Universität Berlin, 2015; University of Aberdeen, 2014; Humboldt-Universität zu Berlin, 2014.

Tobin's Q in the housing market (with R. Schulz): University of Aberdeen, 2016.

Location, location, location. Extracting location value from house prices (with J. Kolbe, R. Schulz and A. Werwatz): EC² Conference, Edinburgh, 2015; RWI, Essen, 2013.

Combining sales comparison and cost values (with R. Schulz and A. Werwatz): University of Aberdeen, 2015; Humboldt Universität zu Berlin, 2013.

Identifying Berlin's land value map using adaptive weights smoothing (with J. Kolbe, R. Schulz and A. Werwatz): AREUEA International Conference, Reading, 2014.

Automated valuation modelling: A specification exercise (with R. Schulz and A. Werwatz)**:** AREUEA International Conference, Jerusalem, 2013.

The efficiency of the urban land market (with R. Schulz and A. Werwatz): SFB649 Annual Conference, 2012.

Renting versus owning and the role of income risk: The case of Germany (with R. Schulz and A. Werwatz): SFB649 Annual Conference, 2009; AREUEA Annual Conference, San Francisco, 2009; ERES Conference, Krakow, 2008; Conference on Real Estate Economics and Finance, Regensburg, 2007; DIW, Berlin, 2007; SFB649 Jour Fixe, 2006.

The accuracy of long-term real estate valuations (with M. Staiber, R. Schulz and A. Werwatz). Paper presented at Verein für Socialpolitik, Annual Conference, Graz, 2008; SFB649 Jour Fixe, 2008.

Prizes and grants

Poster award for *Semiparametric Estimation of Land Values*, 26th European Conferences of the Econometrics Society, Spatial Economics & Econometrics Centre (SEEC), Heriot-Watt University, Edinburgh, 2015 (presented by co-author J. Kolbe).

Aareal Award of Excellence in Real Estate Research, Category *Best Research Paper* for *Renting versus Owning and the Role of Human Capital: Evidence from Germany,* 2012.

Academic visits

KTH Stockholm, visiting Dr Ake Gunnelin, May 2019

Technische Universität Berlin, invited by Prof. Axel Werwatz, PhD, January 2015

University of Aberdeen, invited by Dr Rainer Schulz, February 2011, July 2010, July 2009, August 2008, August 2007, January 2006

Teaching

<u>Undergraduate courses</u>

Business School: *Land and Property Economics*, second year, teaching (2016 to 2021)

Business School: *Understanding Statistics*, second year, teaching and course coordination (2013 to 2018)

Business School: *Empirical Methods in Finance*, fourth year, teaching and course coordination (2013 to present)

Business School: *Housing Economics*, fourth year, teaching (2013 to present)

Business School: *Real Estate Portfolio Investment*, fourth year, teaching and course coordination (2015)

South China Normal University: *Land and Property Economics*, second year, teaching and course coordination (2016 to present)

<u>Postgraduate courses</u>

Business School: *Real Estate Economics*, teaching and course coordination (2013 to present)

Business School: *Real Estate Market Modelling*, teaching and course coordination (2013 to 2015)

Supervision of dissertations and case studies

<u>Undergraduate dissertation</u>

Business School: finance, real estate (2013 to present)

<u>Postgraduate dissertation</u>

Business School: real estate (2013 to present)

<u>Case Studies</u>

Business School: Real estate impact case study (2018 to 2021)

Ph.D. Students

Yang Qiu, started in September 2019.

Haidy Amer, Three essays on energy economics, passed with minor corrections in 2020.

Administration

<u>Committee memberships</u>

Senior Examinations Office for Business School (2021 to present)

Examinations Officer for Real Estate (2017 to present).

Member of Business School Academic Integrity Committee, 2013 to present

Member of Business School Research Committee, 2015 to 2017

Co-organiser for Business School Seminar Series, 2017 to present

Diversity in the workplace 2017

Diversity in learning and teaching 2017

Recruitment and selection 2019

Research Ethics and Governance 2021

Other activities

Consultancy

Aberdeen Solicitor Property Centre, ASPC House price index and automated valuation modelling

Gutachterausschuss für Grundstückswerte Berlin, MD*immo automated valuation modelling

Editing for academic journals

Member of Editorial Board Journal of Property Research, Co-editor for special issue on Automated Valuation Systems of the Journal of Property Research

Refereeing for academic journals

Computational Statistics, European Journal of Real Estate Research, International Review of Financial Analysis, International Journal of Strategic Property Management, Journal of Property Research, Land Use Policy, Scottish Journal of Political Economy, International Journal of Housing Markets and Analysis, Zeitschrift fuer Immobilienoekonomie.

Media Coverage

Print & Web: Oil tip-off as safe as houses, The Press and Journal, 30.05.2015, Aberdeen house prices could be used to predict the price of oil, Scottish Financial News, 29.05.2015

Radio & TV: Interview on Aberdeen house prices and oil price, STV, BBC Radio Scotland, and Radio Northsound, 29.05.2015

References

Prof. Axel Werwatz, PhD
Technische Universität Berlin
School of Management and Economics
Chair of Econometrics & Business Statistics
Straße des 17. Juni 135
D-10623 Berlin
E-mail: axel.werwatz@tu-berlin.de

Dr Rainer Schulz, Senior Lecturer
University of Aberdeen Business School
Edward Wright Building
Aberdeen, AB24 3QY
United Kingdom
E-mail: r.schulz@abdn.ac.uk