Thilo Klein CV

Contact Heilbronn University e-mail: thilo.klein@hs-heilbronn.de 🛂

Am Europaplatz 11 phone: +49 (0)7131 504 6771 74076 Heilbronn, Germany web: https://klein.uk

Positions Heilbronn University

Professor for Quantitative Methods and Business Economics 2019 – date

ZEW | Leibniz-Centre for European Economic Research, Mannheim

Head, Research Area 'Design of Matching Markets' 2017 – date

OECD | Organisation for Economic Co-operation and Development, Paris

Economist, Statistics Directorate 2014 – 2017

University of Cambridge, UK

Research Assistant, Cambridge Judge Business School 2010 – 2014

ILO | International Labour Organization, Geneva

Carlo-Schmid-Fellow, Enterprises Department 2012 – 2013

Spandana Financial Ltd., Hyderabad

Statistical Analyst, Business Development 🔁 2009

Bayer AG, Leverkusen

Trainee, Supply Chain Management 2002 - 2004

EDUCATION University of Cambridge, UK

Ph.D. in Business Economics 
2010 - 2014

M.Phil. in Management Science & Operations 
2009 - 2010

Friedrich-Schiller-University Jena

Diploma in Business Education & Mathematics 2004 – 2009

EXECUTIVE Université Paris-Dauphine

EDUCATION Certificate in Data Science 2016

Publications
- Articles

Gretschko, V. et al. (2019). Die Regeln machen den Unterschied: Marktdesign, Wirtschaftswissenschaftliches Studium # 4/2019, forthcoming.

Avendano, R. et al. (2019). Use of statistics in policy making: A text-mining framework for measurement and monitoring, *PARIS21 Discussion Paper*, forthcoming.

Klein, T. (2017). Intermediation in Peer-to-Peer Markets: Evidence from Auctions for Private Loans, ZEW Discussion Paper #17-073 .

Klein, T. (2017). Analysis of Stable Matchings in R: Package matchingMarkets, Vignette to R package matchingMarkets, The Comprehensive R Archive Network  $\stackrel{\sim}{\square}$ .

Klein, T. and S. Verhulst (2017). Access to New Data Sources for Statistics: Business Models and Incentives for the Corporate Sector, OECD Statistics Working Paper #17/01

Robin, N., T. Klein and J. Jütting (2016). Public-Private Partnerships for Statistics. Lessons Learned, Future Steps, OECD Development Co-operation Working Paper #27 .

Greenwell, G. et al. (2016). Making Data Portals Work for SDGs: A View on Deployment, Design and Technology, *PARIS21 Discussion Paper #8* .

Klein, T., A. Galdin and E. Mohamedou (2016). An Indicator for Statistical Literacy Based on National Newspaper Archives, *IASE 2016 Roundtable Paper* .

Klein, T. (2015). Does Anti-Diversification Pay? A One-Sided Matching Model of Microcredit, Cambridge Working Papers in Economics #1521, University of Cambridge .

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Policy Briefs (selected)

Klein, T. (2018). Matching for Microcredit – Market Design Approaches to Financial Integration, ZEW News, Economic Policy Analysis, Issue 12/2018 .

Klein, T. (2018). How Market Design Can Make Food Donations More Efficient, ZEW News, Economic Policy Analysis, Issue 06/2018 .

Klein, T. (2018). How Big Data Generated by Companies Can Be Used to Protect the Environment, ZEW News, Economic Policy Analysis, Issue 02/2018 .

Herzog, S. and T. Klein (2018). Matching Practices for Childcare in Germany, Matching-in-Practice Country Profile # 26 .

Klein, T. (2017). How to Measure Global Statistical Literacy, OECD Statistics Newsletter, Issue 66, OECD Publishing  $^{\smile}$ .

Jütting, J. and T. Klein (2016). Measuring Support to Statistics in Developing Countries, OECD Statistics Newsletter, Issue 65, OECD Publishing .

- Reports

Badiee, S., J. Jütting and T. Klein (2017). The Role of National Statistical Systems in the Data Revolution, Chapter 3: Development Co-operation Report, OECD Publishing .

Badiee, S., T. Klein and E. Mohamedou (2017). Rethinking Donor Support for Statistical Capacity Development, Chapter 4: Dev. Co-operation Report, OECD Publishing .

Klein, T. and P. van de Ven (2017). Measuring the Value of Official Statistics, Chapter 5: UNECE Report on Recommendations for Promoting, Measuring and Communicating the Value of Official Statistics, United Nations ECE .

PARIS21 (2015-17). Partner Report on Support to Statistics, OECD Publishing .

Espey, J. et al. (2015). Data for Development: A Needs Assessment for SDG Monitoring and Statistical Capacity Development, *Technical Report*, *United Nations SDSN* .

– Books

Klein, T. (2015). Matching for Credit: Implications for Market Design and Econometric Analysis, Dissertation, University of Cambridge.

Klein, T. (2012). Why Do India's Urban Poor Choose to Go Private? Health Policy Simulations in Slums of Hyderabad, *Ibidem Verlag: Stuttgart*, *ISBN 978-3-8382-0238-9* .

Klein, T. (2010). Microfinance 2.0: Group Formation & Repayment Performance in Online Lending Platforms, *Ibidem Verlag: Stuttgart*, *ISBN 978-3-8382-0118-4* .

Press Coverage WDR: 06/2018; Welt: 06/2018 ; FAZ: 06/2017 ; 11/2010 ; 01/2010 ; Westfälische Nachrichten: 03/2018 ; Significance Magazine: 02/2017 ; OECD Statistics Newsletter: 06/2017 ; 11/2016 ; ZEW News: 11-12/2018 ; 11/2018 ; 05-06/2018 ; 05-06/2018 ; 01-02/2018 ; 01-02/2018 ; 07-08/2017 ; Ökonomenstimme: 12/2018 ; 05/2018 ; 07/2018 ; 07/2017 ; ;

### Teaching

# Heilbronn University

| Introduction to Digital Economy 🛅     | 2019 - | $\mathbf{date}$ |
|---------------------------------------|--------|-----------------|
| Models and Methods of Data Assessment | 2019 - | $\mathbf{date}$ |
| Introduction to Academic Writing      | 2019 - | $_{ m date}$    |

#### University of Mannheim

Market Design: Auctions and Matching Algorithms 🖰 2018 – date

## Cooperative State University Baden-Württemberg, Mannheim

Statistics and Business Mathematics 2017/18

#### **OECD**, Paris

Data Visualisation  $^{\prime}$  2014/15 - 2016/17

## University of Cambridge

| Game Theory 🖰 Replication Lab 🖰                     | $\frac{2013/14-2014/15}{2013/14}$       |
|---|---|
| Econometrics I + II 🖆 Quantitative Methods I + II 管 | $2010/11 - 2011/12 \ 2010/11 - 2011/12$ |