

# Dr. Sebastian Schneider

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## Research Interests

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- Behavioral economics, with a focus on decision making under risk and uncertainty
- Development economics, with a focus on experiments and household finance
- Stochastics and (computational) statistics, particularly treatment assignment and data-driven analysis

## Employment

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<b>Max Planck Institute for Research on Collective Goods</b>	<b>Bonn (Germany)</b>
<i>Senior Research Fellow, Unit Matthias Sutter (Experimental Economics Group)</i>	<i>12/2017–Present</i>
<b>University of Goettingen</b>	<b>Goettingen (Germany)</b>
<i>Research Fellow</i>	<i>05/2014 – 11/2017</i>

## Education

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<b>PhD in (Behavioral Development) Economics</b>	<b>University of Goettingen (Germany)</b>
<i>Final grade: Summa cum laude</i>	<i>2014–2017</i>
Supervision: Prof. M. Ibanez and Prof. M. Schlather (University of Mannheim)	
<b>M. Sc. Mathematics in Business and Economics</b>	<b>University of Mannheim (Germany)</b>
<i>Major in Stochastics, final grade: 1.3 (scale 1-5, 1 being best), ranked 2nd</i>	<i>2011–2014</i>
<b>B. Sc. Mathematics in Business and Economics</b>	<b>University of Mannheim (Germany)</b>
<i>Major in Mathematical Finance</i>	<i>2008–2011</i>

## Research Visits and Stays Abroad

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University of California Santa Barbara (USA), invited by Gary Charness	10/2019
University of California Berkeley (USA), invited by Elisabeth Sadoulet	10/2017–11/2017
Exchange semesters in Nice (France) and Lima (Peru)	2010, 2012

## Working Papers

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- **Schneider S**, Sutter M: (Higher Order) Risk Preferences: Experimental Measures, Determinants and Related Field Behavior, November 2019
- Riener G, **Schneider S**, Wagner V: Self-Selection and Treatment Assignment in Field Experiments, November 2019
- Ibanez M, **Schneider S**: Income Risk, Precautionary Saving, and Loss Aversion – An Empirical Test, August 2019
- **Schneider S**, Ibanez M, Riener G: Measuring Utility – An Application to Higher Order Risk and Saving in Bogota, May 2019
- **Schneider S**, Schlather M: Treatment Assignment for One and Multiple Treatment Groups, February 2018

## Work in Progress

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- Social Preferences in Jordanian and Syrian Refugee Children: A Large-Scale Experiment in Jordanian Double-Shift Schools, with K. Barron, H. Hargart, S. Huck, and M. Sutter. Draft in preparation
- oTree: Ready-made Apps for Elicitation of Higher Order Risk Preferences due to Eeckhoudt & Schlesinger, Ebert & Wiesen, and Schneider et al. Draft in preparation
- Heterogeneity in Effort Provision: Evidence from a Lab-in-the-field Experiment, with Z. Bašić, S. Bortolotti, A. Cappelen, U. Gneezy, D. Salicath, S. Schmidt, M. Sutter, and B. Tungodden. Data collection ongoing

## Software

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- **Schneider S.** Software Package for Treatment Assignment for One And Multiple Treatment Groups (realized as R package), November 2019, available from the author
- **Schneider S,** Baldini G, Külper M. Software Package for Elicitation of Higher Order Risk Preferences (realized in Python for use with oTree), October 2019, available from the author
- **Schneider S.** Code for Estimating Utility Curves and Higher Order Risk Preferences from Utility Points, accompanying Schneider et al. (realized in R), July 2019, available from the author
- **Schneider S.** Software Package for Treatment Assignment for One And Multiple Treatment Groups (realized as Stata ado-package), November 2017, available at <http://minmse.sebastianschneider.eu>

## Dissertation

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- **Schneider S** (2017). "Advances and Applications of Experimental Measures to Test Behavioral Saving Theories and a Method to Increase Efficiency in Binary and Multiple Treatment Assignment", available at <http://hdl.handle.net/11858/00-1735-0000-002E-E306-0>

## Conferences, Workshops and Invited Talks

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| <b>2020</b> | 7th Workshop in Behavioral and Experimental Health Economics, Innsbruck ( <i>scheduled</i> )   |
| <b>2019</b> | Brown Bag Seminar, UC Santa Barbara – North-American ESA Meeting and Workshop on Experiments with Children, Los Angeles – Nordic Conference on Behavioural and Experimental Economics, Kiel – European ESA Meeting, Dijon – Workshop Behavioral Insights in Development and Peace Building, Goettingen – TIBER, Tilburg – Brown Bag Seminar, University of Mainz – M-BEPS, Maastricht – IMEBESS, Utrecht             |
| <b>2018</b> | MPI/CREED Workshop, Bonn – Foundations of Utility and Risk, York – Experimental Finance Conference, Heidelberg – M-BEES, Maastricht – Symposium on Economic Experiments in Developing Countries (SEEDEC), Wageningen – Inaugural Conference, Experimental Economics Group, MPI Bonn, Bonn – International Conference on Globalization and Development, Goettingen – German Probability and Statistics Days, Freiburg |
| <b>2017</b> | Development Lunch Seminar, UC Berkeley – North-American ESA Meeting, Richmond (VA) – European ESA Meeting, Vienna – GEA (German Economic Association, VfS) Annual Conference, Vienna – Centre for Statistics (ZfS) University of Goettingen, On-site Evaluation, Goettingen – GEA AEL Annual Conference, Goettingen – Graduate Seminar Applied Statistics and Econometrics, Goettingen                               |
| <b>2016</b> | ZfS, University of Goettingen, Summer School, Goettingen – European ESA Meeting, Bergen – GEA AEL PhD workshop, Freiburg – SEEDEC, Nairobi – Behavioural Finance Working Group Conference, London Seminar "Development Economics", Goettingen  |

## Teaching, Workshops and Supervision

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- WS '17/'18** Advanced Microeconomics (tutorial, Master level), University of Goettingen
- SS '17,**  
**SS '16** Lecture and practice session (self-designed) on Maximum-Likelihood-Estimation for Risk and Time Preferences as part of the course "Behavioral Development Economics" (PhD/Master Level), University of Goettingen
- SS '10** Stock exchange workshop (self-designed), Girls Day, University of Mannheim
- WS '09/'10** Calculus I (tutorial, Bachelor level), University of Mannheim

**Master Thesis Supervision:** 2015, Sonia Triviño, thesis title: "Saving for the old age: an analysis under prospect theory", Co-supervision with Prof. Marcela Ibanez

## Grants and Awards

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- 2015-2017** PhD Scholarship, Stiftung der Deutschen Wirtschaft (Foundation of German Business, merit scholarship)
- 2011-2012** Bronnbacher Stipendium, Kulturkreis der deutschen Wirtschaft im BDI (Association of Arts and Culture of the German Economy at the Federation of German Industries) and University of Mannheim
- 2009-2010** Tuition fee waiver ("Gebuehrenstipendium", merit scholarship), University of Mannheim
- 2009-2014** Study grant, Stiftung der Deutschen Wirtschaft (Foundation of German Business, merit scholarship)

## Additional Qualifications & Competences

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### Languages.....

**German** (native), **English** (fluent, C1/C2), **Spanish** (fluent, B2/C1), **French** (fluent, B1/B2)

### Certifications.....

Certificate Program Applied Statistics and Empirical Methods (2017),  
Centre for Statistics, University of Goettingen

### Software, Programming, and Network.....

Mobile lab & oTree server setup, oTree & Python, C, PHP, MySQL, R, Stata & Mata, Git, Latex, QGIS

## Selected Non-Academic Activities

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### **Mannheimer Versicherung AG**

*Student employee, department for reinsurance*

**Mannheim (Germany)**

*09/2013 – 04/2014*

### **Deloitte & Touche GmbH**

*Intern, quant team, financial risk solutions department*

**Duesseldorf (Germany)**

*02/2013 – 03/2013*

## References

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**Matthias Sutter**, Director, Max Planck Institute for Research on Collective Goods, and Professor of Experimental Economics, Universities Cologne and Innsbruck

**Steffen Huck**, Director of the Research Unit "Economics of Change", Berlin Social Science Center & Professor of Economics, University College London

**Marcela Ibanez**, Professor of Development Economics, University of Goettingen