



Prof. Dr. Heiko Rauhut

Institute of Sociology, University of Zurich
Andreasstrasse 15, CH-8050 Zurich
+41 (44) 635 2354, heiko.rauhut@uzh.ch

Zurich: June 11, 2019

Born on May 27, 1977
in Konstanz, Germany

Heiko Rauhut

Prof., Dr. rer. pol.

Professional Experience

2018–	Full Professor of Social Theory and Quantitative Methods, University of Zurich
2017-18	Associate Professor of Social Theory and Quantitative Methods, University of Zurich
2016-17	SNSF Research Professor, Institute of Sociology, University of Zurich
2012-16	Senior research and teaching fellow (“Oberassistent”), Chair of Sociology, University of Zurich
2012–	Private lecturer, ETH Zurich (“Privatdozent”), Department D-GESS
2007-11	Post-Doc, ETH Zurich, Chair of Sociology, in particular of Modeling and Simulation
2004-07	Scientific assistant, University of Leipzig, Chair of Sociological Theory
2002-03	Fellow, London School of Economics and Political Science (DAAD scholarship holder for M.Sc.)

Education

2014	“Teaching Skills”: certificate of advanced studies in didactics, University of Zurich (6 ECTS)
2012	Habilitation, Sociology, ETH Zurich (Referees: Profs. Helbing, Diekmann, Hegselmann, Lindenberg)
2008	Dr. rer. pol., Sociology, summa cum laude, Universität Leipzig (Referees: Profs. Voss, Opp, Flache)
2003	M.Sc., Social Research Methods (Sociology), with distinction, London School of Economics and Political Science (LSE). (Referee: Prof. Kuha)
1999-02	Diplom-program Sociology, Universität Leipzig, intermediate exam (grade 1.4–“very good”)
1998-99	Diplom-program Social Sciences, Humboldt University of Berlin

Research Interests

- Social theory, analytical sociology, social norms, cooperation, network formation, sociology of science
- Experimental game theory, survey methodology, quantitative methods

Citation and Publication Metrics

citations:	1594, link , http://scholar.google.com/citations?user=M742GOYAAAAJ&hl=en
h-index:	15 (Google Scholar)
articles:	peer-reviewed journal articles (and book contributions) see below
books:	1 book dissertation (Dr. rer. pol.), 1 cumulative dissertation (Habilitation)

All publications

Peer-reviewed journal articles (and contributions to edited books)

2019

- [39] Nan Zhang, Amelie Aidenberger, Heiko Rauhut, Fabian Winter: *Prosocial Behaviour in Interethnic Encounters: Evidence from a Field Experiment with High- and Low-Status Immigrants*, EUROPEAN SOCIOLOGICAL REVIEW, <https://doi.org/10.1093/esr/jcz030>
- [38] Büchel, B., Klössner, S., Lochmüller, M., Rauhut, H.: *The strength of weak leaders: an experiment on social influence and social learning in teams*. EXPERIMENTAL ECONOMICS. (2019). <https://doi.org/10.1007/s10683-019-09614-1>
- [37] Julia Jerke, David Johann, Heiko Rauhut, Kathrin Thomas: *Too sophisticated even for highly educated survey respondents? A qualitative assessment of indirect question formats for sensitive questions*. Accepted at SURVEY RESEARCH METHODS.
- [36] Kindschi, M., Cieciuch, J., Davidov, E., Ehlert, A., Rauhut, H., Tessone, C.J., Algesheimer, R. (2019): *Values in adolescent friendship networks*. Accepted at NETWORK SCIENCE.
- [35] Justus Rathmann, Heiko Rauhut (2019): *Teams Prevent Misconduct: A Study of Retracted Articles from the Web of Science*. INTERNATIONAL CONFERENCE ON SCIENTOMETRICS AND INFORMETRICS: Conference Paper 168

All publications (continued)

2018

- [34] Heiko Rauhut, Fabian Winter, David Johann: *Does the winner take it all? Increasing inequality in scientific authorship.* EMERGING TRENDS IN THE SOCIAL AND BEHAVIORAL SCIENCES: 2018, 1-14.
- [33] Rauhut, Heiko, Winter, Fabian (2018). *Der Markt der Aufmerksamkeit in der Soziologie: Trends im Publizieren, Zitieren und Netzwerken.* SSRN, <https://dx.doi.org/10.2139/ssrn.3264134>
- [32] Fabian Winter, Heiko Rauhut, Luis Miller: *Dynamic Bargaining and Normative Conflict.* JOURNAL OF BEHAVIORAL AND EXPERIMENTAL ECONOMICS, 74, 112 - 126.
- [31] Heiko Rauhut: Spieltheoretische Modelle und Experimente zur Erklärung von Kriminalität. Special Issue “Kriminelles Handeln aus der Perspektive von Rational Choice und Spieltheorie”, Monatsschrift für Kriminologie und Strafrechtsreform. 101 (3-4), 2018: 272-296.

2017

- [30] Heiko Rauhut: *Game theory.* Contribution to “The Oxford Handbook on Offender Decision Making”, edited by Wim Bernasco, Henk Elffers and Jean-Louis van Gelder. 2017.
- [29] Heiko Rauhut, Fabian Winter: Vernetzung und Positionierung der Kölner Zeitschrift für Soziologie (KZfSS) in der länder-, disziplinen- und sprachübergreifenden Diskussion. KÖLNER ZEITSCHRIFT FÜR SOZIOLOGIE UND SOZIALPSYCHOLOGIE
- [28] Heiko Rauhut, Fabian Winter: *Types of normative conflict and the effectiveness of punishment.* In: Ben Jann and Wojtek Przepiorka: Social dilemmas, institutions, and the evolution of cooperation. De Gruyter, 2017.
- [27] Buechel, Berno, Klössner, Stefan, Lochmüller, Martin, Rauhut, Heiko, The Strength of Weak Leaders. An Experiment on Social Influence and Social Learning in Teams. SSRN [link](#)

2015

- [26] Heiko Rauhut: *Stronger inspection incentives, less crime? Further experimental evidence on inspection games.* RATIONALITY AND SOCIETY, 1, 1-41, 2015.
- [25] Andreas Diekmann*, Wojtek Przepiorka*, Heiko Rauhut*: *Lifting the veil of ignorance: An experiment on the contagiousness of norm violations.* RATIONALITY AND SOCIETY, 27(3), 309–333, 2015. (* shared first authorship)
- [24] Jan Lorenz, Heiko Rauhut, Bernhard Kittel: *Majoritarian democracy undermines truth-finding in deliberative committees.* RESEARCH & POLITICS, (2) 1–10.

2014

- [23] Heiko Rauhut, Silvana Jud: *Avoiding detection or reciprocating norm violations? An experimental comparison of self- and other-regarding mechanisms for norm adherence.* In special Issue “Experimente in den Sozialwissenschaften”, edited by Marc Keuschnigg and Tobias Wolbring, SOZIALE WELT, 65(1), 2014, 153-184.
- [22] Dirk Helbing, Wenjian Yu, Karl-Dieter Opp, Heiko Rauhut *Conditions for the Emergence of Shared Norms in Populations with Incompatible Preferences.* Forthcoming in PLoS ONE, 9(8), 1-14, e104207. Roger Berger*, Heiko Rauhut*: *Reziprozität und Reputation.* Handbuch Modellbildung und Simulation. Edited by Norman Braun and Nicole J. Saam, 2014. (* shared first authorship)

2013

- [21] Heiko Rauhut: *Beliefs about lying and spreading of dishonesty: Undetected lies and their constructive and destructive social dynamics in dice experiments.* PLoS One, 8(11), 1-8, 2013
- [20] Christine Horne* and Heiko Rauhut*: *Using Laboratory experiments to study law and crime.* QUALITY & QUANTITY, 47, pp. 1639–1655, 2013 (* shared first authorship)

2012

- [19] Fabian Winter, Heiko Rauhut and Dirk Helbing: *How norms can generate conflict: An experiment on the failure of cooperative micro-motives on the macro-level.* SOCIAL FORCES, 90(3) 919-948, 2012.
- [18] Roger Berger*, Heiko Rauhut*, Sandra Prade and Dirk Helbing: Bargaining over waiting time in ultimatum game experiments. SOCIAL SCIENCE RESEARCH, 41, 372-379, 2012. (* shared first authorship).
- [17] Heiko Rauhut and Fabian Winter: *On the Validity of Laboratory Research in the Political and Social Sciences. The Example of Crime and Punishment.* In: Bernhard Kittel, Wolfgang Luhmann and Rebecca Morton (ed.): Experimental Political Science. Practice and Principles. Palgrave Research Methods Series, 2012.

All publications (continued)

2011

- [16] Jan Lorenz*, Heiko Rauhut*, Frank Schweitzer, Dirk Helbing: *How social influence can undermine the wisdom of crowd effect.* PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES USA (PNAS), 108(22), 9020-9025, 2011. (* shared first authorship).
- [15] Heiko Rauhut, Jan Lorenz, Frank Schweitzer, Dirk Helbing: Reply to Farrell: Improved individual estimation success can imply collective tunnel vision. Reply to a comment by S. Farrell. PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES USA (PNAS), 108(36), p. 626, 2011.
- [14] Heiko Rauhut and Jan Lorenz: *The wisdom of crowds in one mind: How individuals can simulate the knowledge of diverse societies to reach better decision.* JOURNAL OF MATHEMATICAL PSYCHOLOGY, 2011, 55, p. 191-197.
- [13] Andreas Diekmann*, Wojtek Przepiorka*, Heiko Rauhut*: Die Präventivwirkung des Nichtwissens im Experiment. ZEITSCHRIFT FÜR SOZIOLOGIE, 2011, vol. 40, no. 1, p. 74-84. (* shared first authorship)
- [12] Dirk Helbing, Wenjian Yu and Heiko Rauhut: *Self-organization and emergence in social systems. Modeling the coevolution of social environments and cooperative behavior.* In: Special double issue "Micro-Macro Links and Micro-Foundations" edited by Marcel A. L. M. van Assen, Vincent Buskens, and Werner Raub, JOURNAL OF MATHEMATICAL SOCIOLOGY, 2011, vol. 35, no. 1-2, p. 177-208.
- [11] Ivar Krumpal, Heiko Rauhut, Dorothea Böhr, Elias Naumann: *The Framing of Risks and the Communication of Subjective Probabilities for Victimization.* QUALITY AND QUANTITY, 2011, 6, 1331-1348.

2010

- [10] Heiko Rauhut and Fabian Winter: *A sociological perspective on measuring social norms by means of strategy method experiments.* SOCIAL SCIENCE RESEARCH, 2010, vol. 39, p. 1181-1194.
- [9] Patrick Groeber and Heiko Rauhut: *Does ignorance promote norm compliance?* COMPUTATIONAL AND MATHEMATICAL ORGANIZATION THEORY. 2010, vol. 16, no. 1, p. 1-28.

2009

- [8] Heiko Rauhut: *Higher punishment, less control? Experimental Evidence on the Inspection Game.* RATIONALITY & SOCIETY, 2009, vol 21, no. 3, p. 359-392.
- [7] Heiko Rauhut and Marcel Junker: *Punishment deters crime because humans are bounded in their strategic decision-making.* JASSS - THE JOURNAL OF ARTIFICIAL SOCIETIES AND SOCIAL SIMULATION. 12 (3), 2009.

2008

- [6] Heiko Rauhut and Ivar Krumpal: *Die Durchsetzung sozialer Normen in Low-Cost und High-Cost Situationen.* ZEITSCHRIFT FÜR SOZIOLOGIE, no. 5, 2008. S. 380-402.
- [5] Heiko Rauhut and Ivar Krumpal: *Rechtfertigungen und sexuelle Gewalt. Eine experimentelle Studie.* SOZIALE PROBLEME, 2009, no. 2, p. 219-237.
- [4] Ivar Krumpal and Heiko Rauhut: *Zum Ausmaß der bundespolitischen Parteipolitikverflechtung bei Landtagswahlen in Deutschland 1996 bis 2000.* ZEITSCHRIFT FÜR PARLAMENTSFRAGEN, 2008, no. 2, p. 234-255.
- [3] Ivar Krumpal, Heiko Rauhut, Dorothea Böhr, Elias Naumann: *Wie wahrscheinlich ist "wahrscheinlich"? Zur subjektiven Einschätzung und Kommunikation von Viktimisierungswahrscheinlichkeiten.* METHODEN, DATEN UND ANALYSEN: ZEITSCHRIFT FÜR EMPIRISCHE SOZIALFORSCHUNG (MDA), Heft 1, 2008, S. 3-27.
- [2] Heiko Rauhut, Ivar Krumpal and Mandy Beuer: *Rechtfertigungen und Bagatelldelikte: Ein experimenteller Test.* In: Peter Kriwy and Christiane Gross (Ed.): "Klein aber fein! Eine Sammlung quantitativer Studien mit kleinen Fallzahlen". VS Verlag für Sozialwissenschaften, S. 373-396, 2008.
- [1] Heiko Rauhut: *Höhere Strafen zur Herstellung sozialer Ordnung?* In: Rehberg, Karl-Siegbert (Hrsg.): "Die Natur der Gesellschaft: Verhandlungen des 33. Kongresses der Deutschen Gesellschaft für Soziologie in Kassel 2006. Teilbd. 1 u. 2. S. 2139-2150. Frankfurt am Main: Campus Verlag GmbH, 2008.

Dissertations

[3]

Habilitation thesis:

Heiko Rauhut: "An Experimental Approach to Social Norms: Beliefs, Behavior and Macro-Level Consequences" ETH Zrich. Venia legendi in Soziologie. Nov. 2011.

All publications (continued)

- [2] Doctoral thesis:
Heiko Rauhut: *Crime and Punishment from a game theoretic perspective*. Universitt Leipzig. Dr. rer. pol. (with summa cum laude). Nov. 2008.
- [1] Master thesis:
Heiko Rauhut: *The individual construction of rationality. A longitudinal analysis of neutralization and rationalization of violent behavior in a national sample of USA*. London School of Economics and Political Science. Master of Science (with distinction). Nov. 2003.

Funding

- 2017 SNSF: Coevolution of prosociality and networks: a longitudinal, cross-country network survey in Swiss schools, 495'000 CHF, role: principal investigator
- 2015 SNSF Starting Grant, Social norms, cooperation and conflict in scientific collaborations, 1'500'000 CHF, role: principal investigator (Swiss equivalent to ERC Starting Grant)
- 2011 SNSF, Decision Science Laboratory, Profs. Murphy, Diekmann, Helbing, 150.000 CHF, role: co-author
- 2008 DFG, Asking Sensitive Questions, Prof. Voss, 46'700 Euro, role: co-author of first stage proposal
- 2007 DFG, ICPSR summer school, Prof. Voss, 10'360 Euro, role: co-author of proposal, participant
- 2006 DFG, ICPSR Summer School, Prof. Voss, 6'550 EUR, role: co-author of proposal, participant
- 2005 DFG, Social norms, Prof. Voss, Dr. Kropp, personell + 22'100 Euro, role: co-author of extension proposal
- 2002 DAAD One year scholarship, 11'200 Euro

Awards and Honors

- 2017 Appointment offer as tenured W3 Professor of Sociology and Quantitative Methods, University of Frankfurt (declined)
- 2016 Rank 2, W3 Professor of Methodology of University and Science Research, University of Hannover
- 2015 Rank 2, W3 Professor of Sociology and Quantitative Methods, LMU Munich
- 2014 SNSF Starting Grant (Swiss equivalent to ERC Starting Grant), 1.5 million CHF
- 2014 European Academy of Sociology: prize for best article (Rauhut 2013: Beliefs about Lying, PLoS One)
- 2012 Rank 2, Associate Professor, Chair in Sustainable Social Development, University of Bern.
- 2010 Anatol-Rapoport Prize of the section modeling and simulation of the German Sociological Association
- 2008 Summa cum laude for Ph.D. dissertation, University of Leipzig
- 2003 Distinction for M.Sc. dissertation, London School of Economics and Political Science (LSE)
- 2002 One year fellowship, DAAD

Academic self-administration

- 2017– Director of study programs (“Studienprogrammdirektor”), Institute of Sociology, UZH
- 2017– Chairman of the program committee Bologna 2020 for re-organizing the Sociology BA and MA programs in accordance to the Bologna 2020 principles (“Programmausschuss PA21 Soziologie”)
- 2017– Member of the workgroup social sciences for developing the new study programs Master Minor “Social Sciences” and Master Minor “Methods – Data – Society”
- 2016– Re-organization and development of the Ph.D. program in Sociology, including the development of Ph.D. specific courses, workshops and retreats (together with Prof. Katja Rost)
- 2017 Member of the appointment committee for the professorship of life course and crime, UZH (and author of the appointment proposal)
- 2017– President of the appointment committee for the professorship of ”Differentielle Psychologie und Diagnostik”, UZH (and author of the appointment proposal)
- 2016-17 Member of the organization committee of the congress of the Swiss Sociological Association
- 2012-16 Member of the library commission, Institute of Sociology, UZH

Scientific boards and memberships at UZH

- 2016– Affiliated scholar of the URPP Social Networks
- 2019– Member of the UZH Competence Center ”Center for Reproducible Science”
- 2016– Member of CHESS (Center for Higher Education and Science Studies)
- 2016– Member of the Digital Society Initiative
- 2017– Collaboration with the Z-proso Research Infrastructure (“Life-course development of violence and crime”) at the Institute of Sociology and the Jacobs Center at UZH (Prof. Manuel Eisner, Dr. Denis Ribeaud)
- 2019– Member of the URPP proposal team ”Next Generation Meta-Science”

Ph.D. referee

- 2019 Dieko M. Bakker: Cooperation and Social Control: Effects of Preferences, Institutions, and Social Structure. Department of Sociology, University of Groningen, Interuniversity Center for Social Science Theory and Methodology (ICS). Chair: Prof. Dr. Rafael Wittek
- 2018 Judith Spirig: Inconsistency in Judicial Decision Making at the Swiss Federal Administrative Court. Political Science, UZH. Chair: Prof. Dr. Marco Steenbergen

Candidate Lectures for Chairs

- 2018 Social Sciences in the domain Sustainable Social Development, University of Bern
- 2016 Sociology and Quantitative Methods (W3), University of Frankfurt (offer declined)
- 2016 Methodology of University and Science Research (W3), University of Hannover
- 2014 Sociology and Quantitative Methods (W3), LMU Munich
- 2014 Sociology (W3), Heinrich-Heine University of Düsseldorf.
- 2013 Quantitative Methods in the Social Sciences (W3), University of Mannheim.
- 2012 Sustainable Social Development, Faculty of Business, Economics and Social Sciences, University of Bern
- 2012 Sociology (W3), University of Cologne
- 2011 Social Psychology (tenured), Universität Basel
- 2011 Economic Sociology (tenured), Faculty of Business, Economics and Statistics, University of Vienna.
- 2010 Experimental methods of sociology (W1), Mannheim

Teaching portfolio

Multi-page document, including my teaching philosophy, teaching methods, evaluations from students, peer-feedback from colleagues and didactics experts, prospective goals and exemplary course syllabi:
www.suz.uzh.ch/rauhut/Lehrportfolio_HR.pdf

Teaching

- Lectures
- *Multivariate Data Analysis*
 - *Game theory and strategic interaction* (together with Heinrich Nax)
 - *Foundations and Challenges in the Social Sciences*
 - *Introduction to Sociology* (together with colleagues)
- Guest lectures
- *Mathematical Sociology* (two guest lectures in a lecture series)
 - *Experimental Methods in Sociology* (yearly one lecture in Social Research Methods class)
- Theory Seminars
- *Introduction to Theoretical Sociology*
 - *Rational Choice Theory: Applications, Paradoxes and Anomalies*
 - *Theories of Social Order*
 - *Game Theory: Introduction, Sociological Applications and Experiments*
 - *Simulation of Social Processes: Social Norms and Deviant Behavior*
- Research seminars
- *Social norms and cooperation (experimental methods)*
 - *Survey methods in science studies*
 - *Survey Methodology: Measuring Attitudes towards Crime* (4 hours/week over 2 semesters)
 - *Social Norms* (4 hours/week over 2 semesters)
- Methods Seminars
- *Experimental Methods in Sociology*
- Topical seminars
- *Social norms, crime and control*
 - *Sociology of Science*
 - *Structures of Social Inequality*
- Block courses
- *Controversies in Game Theory* (yearly, together with H. Nax & D. Helbing)
- Colloquia
- *Quantitative Sociology*

Selected Supervision

Ph.D.: Julia Jerke, Amelie Aidenberger, Justus Rathmann, Alexander Ehlert, Philipp Chapkovski
M.A. Oliver Brägger, Giorgio Cassina, Antonia Velicu, Tobias Ackermann, Louis Preisig, Silvana Jud, Isabel Kuroczka

Review activity

International Journals: American Journal of Sociology, American Journal of Political Science, Social Forces, Social Networks, Social Science Research, Nature (Human Behavior), Trends in Cognitive Sciences, Journal of Economic Behavior and Organization, Journal of Business Economics, Sociological Methodology, Journal of the Royal Society (Interface), PLoS One, Journal of Mathematical Sociology, Rationality and Society, Acta Sociologica, Journal of Applied Social Psychology, Journal of Theoretical Politics, Games, Cognitive Processing, Journal of Artificial Social Systems and Societies (JASSS), Advances in Complex Systems

German Journals: Zeitschrift für Soziologie, Österreichische Zeitschrift für Soziologie, Soziale Welt

Book Publishers: Springer (Social Sciences Division), , Palgrave (Research Methods Series)

Research Funding: Schweizerischer Nationalfonds, Fritz Thyssen Stiftung

Media response

Scientific American, Wall Street Journal, Ars Technica, Atlantic, The Socionomist, USA Today, Spiegel, Arte, 3 Sat, ORF, Handelszeitung, World Radio Switzerland, 20 Minuten, Wired Science, Les Affaires, De Pers, Television Broadcast, Intern, Bay Windows, Genevalunch, Minyanville, , ETH Life, UZH Magazin

Referees

- Prof. Dr. Thomas Voss
Role: Main Ph.D. supervisor
Chair of Theoretical Sociology, University of Leipzig, Department of Sociology
Beethovenstrasse 15, 04107 Leipzig, Germany, Tel: +49 (341) 9735642, voss@sozio.uni-leipzig.de
- Prof. Dr. Karl-Dieter Opp
Role: Second Ph.D. supervisor
Emeritus of the chair of Social Research Methods at the University of Leipzig, Department of Sociology
Affiliate Professor at the University of Washington (Seattle), Department of Sociology
Private Address: Sulkyweg 22, 22159 Hamburg, Germany, Tel: +49 (40) 6436737, oppkd@u.washington.edu
- Prof. Dr. Andreas Flache
Role: External referee Ph.D. dissertation
Department of Sociology, ICS, University of Groningen
Grote Rozenstraat 31, 9712 TG Groningen, Niederlande
Tel: (+31) 50/3636214, a.flache@rug.nl
- Prof. Dr. Dirk Helbing
Role: Main supervisor of Habilitation
Chair of Sociology, in particular of Modeling and Simulation, ETH Zürich
CLU E1, Clausiusstrasse 50, 8092 Zurich, Switzerland
Tel: +41 44 632 88 80, dhelbing@ethz.ch
- Prof. Dr. Andreas Diekmann
Role: Second supervisor of Habilitation
Chair of Sociology, ETH Zürich
CLU D3, Clausiusstrasse 50, 8092 Zurich, Switzerland
Tel: +41 44 632 55 59, diekmann@soz.gess.ethz.ch
- Prof. Rainer Hegselmann
Role: External referee Habilitation
University of Bayreuth, Institute of Philosophy, D-95440 Bayreuth
Phone: +49 (0) 921/55 41 61, Email: rainer.hegselmann@uni-bayreuth.de
- Prof. Siegwart M. Lindenberg
Role: External referee Habilitation
Department of Sociology / ICS, Grote Rozenstraat 31, 9712 TG Groningen, The Netherlands
Phone: ++31 (0) 50 - 363 73 98, s.m.lindenberg@rug.nl