

Curriculum Vitae

Professional experience

- since Apr 2019: Group risk management Talanx AG
Hannover
- since Apr 2019: Adjunct lecturer Institute of Probability and Statistics
Leibniz University Hannover
- Sept 2016 - Mar 2019: Research fellow Institute of Probability and Statistics
Leibniz University Hannover
- Oct 2015 - Sept 2016: Research fellow Chair of Mathematical Statistics and Probability
University of Düsseldorf
- Jan 2013 - Sept 2015: Research fellow Institute of Probability and Statistics
Leibniz University Hannover
- Oct 2012 - Dec 2012: Research assistant Institute of Probability and Statistics
Leibniz University Hannover
- Apr 2010 - July 2012: Student assistant Institute of Probability and Statistics
Leibniz University Hannover
- Feb 2010 - Mar 2010: Internship banking supervision
Bundesbank Hannover

Education

- Oct 2012 - Feb 2016: Ph.D. student mathematics Leibniz University Hannover
Feb 2016: Dr. rer. nat., grade 1.0 (or 4.0 in GPA)
- Oct 2010 - Oct 2012: Master student mathematics Leibniz University Hannover
Oct 2012: M.Sc., grade 1.3 (or 3.7 in GPA)
- Oct 2007 - Oct 2010: Bachelor student mathematics and physics Leibniz University Hannover
Sept 2010: B.Sc., grade 1.8 (or 3.0 in GPA)
- Aug 2004 - July 2007: High school Hannover
June 2007: Abitur, grade 1.1 (or 4.0 in GPA)

Dr. Daniel Gaigall
Leibniz University Hannover
Institute of Probability and Statistics
Welfengarten 1
30167 Hannover
Germany

E-Mail: gaigall@stochastik.uni-hannover.de

Fundings

- Oct 2012 - Feb 2016: Ph.D. funding
Hans-Böckler-Stiftung
- Oct 2007 - Sept 2012: B.Sc. and M.Sc. funding
Hans-Böckler-Stiftung
- Oct 2007 - Sept 2008: B.Sc. funding
Niedersachsenstipendium

Research interests

- Multivariate and high dimensional statistics
- Nonparametric statistics
- Aspects of experimental design

Activities as a reviewer

- Journal of Statistical Planning and Inference, Elsevier
- Journal of Statistical Computation and Simulation, Taylor & Francis
- Metrika, Springer
- TEST, Springer
- Conference Proceedings of the International Society of Nonparametric Statistics
- Journal of Mathematical and Statistical Analysis
- Hacettepe Journal of Mathematics and Statistics, Hacettepe University Faculty of Science

Publications

- Ditzhaus, M., Gaigall, D. (2018). A consistent goodness-of-fit test for huge dimensional and functional data. *Journal of Nonparametric Statistics*, Vol. 30, 834–859
- Baringhaus, L., Gaigall, D., Thiele, J. P. (2018). Statistical inference for L^2 -distances to uniformity. *Computational Statistics & Data Analysis*, Vol. 33, 1863–1896
- Baringhaus, L., Gaigall, D. (2018). Efficiency comparison of the Wilcoxon tests in paired and independent survey samples. *Metrika*, Vol. 81, 891–930
- Baringhaus, L., Gaigall, D. (2017). Hotelling's T^2 test in a special paired sample case. *Communications in Statistics - Theory and Methods*, 1–11
- Baringhaus, L., Gaigall, D. (2017). Hotelling's T^2 tests in paired and independent survey samples - an efficiency comparison. *Journal of Multivariate Analysis*, Vol. 144, 177–198
- Gaigall, D. (2016). Vergleich von statistischen Tests im verbundenen und unabhängigen Stichprobenfall. *Dissertation. Gottfried Wilhelm Leibniz Universität Hannover*
- Baringhaus, L., Gaigall, D. (2015). On an independence test approach to the goodness-of-fit problem. *Journal of Multivariate Analysis*, Vol. 140, 193–208

Presentations

- Invited to CMStatistics 2019, London
- CMStatistics 2018, Pisa
- Invited to a seminar at the Karlsruhe Institute of Technology
- Invited to the 4th conference of the International Society for Nonparametric Statistics, Salerno
- CMStatistics 2016, Sevilla.
- 12th German Probability and Statistics Days, Bochum
- CMStatistics 2015, London
- Ph.D. student meeting of the German Mathematical Society, Berlin
- Ph.D. student meeting of the German Mathematical Society, Halle
- 11th German Probability and Statistics Days, Ulm
- Ph.D. student meeting of the German Mathematical Society, Göttingen

Read lectures and seminars

- Lecture linear models in statistics (regression analysis and analysis of variance)
- Lecture probability and statistics for student teachers
- Lecture combinatorial procedures in statistics
- Lecture probability and statistics A
- Lecture probability and statistics B
- Seminar advanced probability and statistics

Organized exercise classes

- Exercise linear models in statistics (regression analysis and analysis of variance)
- Exercise probability and statistics for student teachers
- Exercise probability and statistics A
- Exercise probability and statistics B
- Exercise probability and statistics I
- Exercise probability and statistics II
- Exercise game theory
- Exercise Monte-Carlo and simulation procedures
- Exercise probability theory
- Exercise processes (Markov chains)
- Exercise practical statistical procedures
- Exercise combinatorial procedures in statistics