

David Izydorczyk

Doctoral Candidate
Research Training Group Statistical Modeling in Psychology
Chair of Experimental Psychology
Center for Doctoral Studies in Social and Behavioral Sciences
University of Mannheim

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EDUCATION

since 10/2018

Doctoral (Ph.D.) Candidate

Chair of Experimental Psychology

DFG Research Training Group “Statistical Modeling in Psychology” (SMiP) University of Mannheim

Thesis Topic: Measuring Rule- And Exemplar-Based Processes in Numerical Judgments

Advisors: Arndt Bröder, Benjamin Hilbig, Jeff Rouder

10/2016 –09/2018

Master of Science in Research-Oriented Psychology

University of Cologne

Specialization: Cognitive Psychology, Media Psychology, Neuroscience

Thesis Topic: Simulating the Ecology: Using the BIAS model to simulate and explain contradicting evidence of the out-group homogeneity effect, the intergroup bias, and the density hypothesis

Advisors: Christian Unkelbach, Jan Peters

10/2012 –09/2016

Bachelor of Science in Psychology

University of Koblenz-Landau, Campus Landau

Thesis Topic: Structuring the Uncanny Valley: Investigating the Effect of the Personal Need for Structure on the Uncanny Valley Phenomenon by using Mixed-Effects Modelling with Partially Crossed Random Effects

Advisors: Markus Appel, Tanja Lischetzke

10/2011 –09/2012

Bachelor of Science in Electrical Engineering

Technical University of Kaiserslautern

Semester I and II

RESEARCH EXPERIENCES

03/2017 –09/2018

Student Research Assistant

Max Planck Institute - Research on Collective Goods, Bonn

Projects: Moral Courage

Supervisor: Prof. Anna Baumert

07/2017 –08/2018

Lead Statistician

Junior Researcher Programme

Projects: From identity leadership to work commitment

Supervisor: Dr. Lemoine

- 05/2017 –10/2017 **Student Research Assistant**
 Institute of Human-Computer-Media, University of Würzburg
Projects: Uncanny Valley, Mind Perception
Supervisor: Prof. Appel
- 06/2016 –08/2016 **Student Research Assistant**
 Cognitive Psychology Lab, University Koblenz-Landau
Projects: Bayesian Design Analysis, Simulation and Validation of Reaction Time Measurements
Supervisor: Dr. Henninger
- 05/2016 –07/2017 **Student Research Assistant**
 Institute for Communication Psychology and Media Pedagogy, University of Koblenz-Landau
Projects: Uncanny Valley, Mind Perception
Supervisor: Prof. Appel
- 10/2013 –09/2015 **Student Research Assistant**
 Department for Methods and Evaluation , University of Koblenz-Landau
Projects: Occupational Health Psychology, Mood regulation processes
Supervisor: Dr. Reis
- 02/2014 –04/2014 **Research Internship**
 Institute for Neuropsychology and Clinical Psychology, Mannheim
Projects: Uncanny Valley, Mind Perception
Supervisor: Prof. Appel
- 08/2013 –12/2013 **Research Internship**
 University of Koblenz-Landau
Projects: DFG-Graduiertenkolleg Unterrichtsprozesse“
Supervisor: Dr. Mihalca

PROFESSIONAL EXPERIENCES

- 01/2016 –03/2016 **Internship - Marketing Science and Data Science**
 GfK , Nürnberg
Task focus: Prediction of demographic information from internet usage data (Big Data)
Supervisor: Dr. Gaffert
- 10/2015 –12/2015 **Internship - Online Research and Data Analysis**
 .companion, Berlin
Task focus: Analysis of advertisement effects, Sentiment Analysis

TEACHING EXPERIENCES

- 2020 **Advanced R: An Introduction to Benchmarking, Profiling and Parallelization in R**
 Level: Ph.D. Psychology
 Research Training Group “Statistical Modeling in Psychology” (SMiP)

Modern R: An Introduction to Markdown, Papaja and Shiny Applications in R

Level: Ph.D. Psychology

Research Training Group “Statistical Modeling in Psychology” (SMiP)

- 2017 **Tutor Multivariate Statistics**
Level: Master
Department for Research Methods and Experimental Psychology
- 2016 **Tutor Data Collection and Analysis (M.Sc)**
Level: Master
Department for Research Methods and Experimental Psychology
- 2015 **Tutor Empirical Internship**
Level: Bachelor
Department for Methods and Evaluation

**PEER-
REVIEWED
PUBLICATIONS**

- 2020 Appel, M., **Izidorczyk, D.**, Weber, S., Mara, M., Lischetzke, T. (2020). The uncanny of mind in a machine: Humanoid robots as tools, agents, and experiencers. *Computers in Human Behavior*, 102, 274-286.(<https://doi.org/10.1016/j.chb.2019.07.031>)
- 2018 Mascarenhas, M. F., Dübbers, F.,Hoszowska, M., Köseoğlu, A., Karakasheva, R. B. Topal, A. **Izidorczyk, D.**,Lemoine, J.E.(2018). The Power of Choice: A Study Protocol on How Identity Leadership Fosters Commitment Toward the Organization. *Frontiers in Psychology*. (<https://doi.org/10.3389/fpsyg.2018.01677>)
- 2017 Lischetzke, T., **Izidorczyk, D.**, Hüller, C., Appel, M. (2017). The topography of the uncanny valley and individuals' need for structure: A nonlinear mixed effects analysis. *Journal of Research in Personality*, 68, 96-113. (<https://doi.org/10.1016/j.jrp.2017.02.001>)

**TALKS
& POSTERS**

- 2019 **Izidorczyk, D.** & Unkelbach, C. (2019). *Simulating the ecology: Using the BIAS model to simulate and explain contradicting evidence of the out-group homogeneity effect, the intergroup bias, and the density hypothesis*. Poster presented at the 27th Subjective Probability, Utility, and Decision Making Conference (SPUDM27).Amsterdam, Netherlands.
- Izidorczyk, D.** & Unkelbach, C. (2019). *Simulating the ecology: Using the BIAS model to simulate and explain contradicting evidence of the out-group homogeneity effect, the intergroup bias, and the density hypothesis*. Poster presented at the 17th Conference of the Social Psychology Section, September 16-17, Cologne, Germany.
- Izidorczyk, D.** (2019). *Measuring rule- and exemplar-based processes in numerical judgments*. Poster presented at the 34th IOPS Summer Conference, June 14-16, Utrecht, Netherlands.
- 2018 Halmburger, A., Baumert, A., Schmidt, C., **Izidorczyk, D.** (2018). *Perception of and reactions to every-day violations of (moral) norms*. Talk presented at the 2018 Conference of the German Psychological Society (DGPS), September 17-20, Frankfurt a. M., Germany.

Mascarenhas, M. F., Dübbers, F., Hoszowska, M., Köseoğlu, A., Karakasheva, R., Topal, A. B., **Izydorczyk, D.**, Lemoine, J. E. (2018). *Leading us towards more commitment*. Talk presented at the 2018 Junior Researcher Programme Conference, August 13-14, Cambridge, United-Kingdom.

Topal, A. B., Karakasheva, R., Mascarenhas, M. F., Dübbers, F., Hoszowska, M., Köseoğlu, A., **Izydorczyk, D.**, Lemoine, J. E. (2018). *The power of choice: How identity leadership fosters commitment towards the organization*. Poster presented at the 2018 jMeeting, February 2, Madrid, Spain.

**UNIVERSITY
SERVICE**

since 2020

Elected Ph.D. students Spokesperson

Research Training Group “Statistical Modeling in Psychology”

REVIEWING

Ad-hoc reviewer: Computers in Human Behaviour