Hannes Rosenbusch

*address omitted

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EDUCATION

Tilburg University
Ph.D. in Social Psychology | "Unstructured data and machine learning in psychological research"

Supervisors:	Prof. Marcel Zeelenberg & Dr. Anthony Evans
Abstract:	The Ph.D. project investigates how data science methods like social media analyses, text mining, and machine learning can be integrated into social psychological research.

University of Groningen
Research Master in Behavioral and Social Sciences | Track: Social and Organizational Psychology
Grade Average: 8.9 (1 – 10)

(Thesis-) Supervisor:	Prof. Russell Spears
Thesis title:	Integrating psychological theories on moderate and radical collective action: A lab experiment uncovering the effects of group efficacy and group outrage

University of Queensland
Psychology/Non-award program
Grade Average: 6.75 (1 – 7)

Leuphana University
B.Sc. Business Psychology
Grade Average: 1.6 (6 – 1)

RESEARCH INTERESTS

Computer Science Methods, Machine Learning, Psychometrics, Social Media, Intergroup Relations

PUBLICATIONS AND CONFERENCE CONTRIBUTIONS

Rosenbusch, H., Evans, A. M., Zeelenberg, M. (in press). Multilevel emotion transfer on YouTube: Disentangling the effects of emotional contagion and homophily on video audiences. *Social Psychological and Personality Science.*

Rosenbusch, H., Wanders, F., Pit, I. (in press). The Semantic Scale Network: An online tool to   detect semantic overlap of psychological scales and prevent scale redundancies. *Psychological Methods.*

Rosenbusch, H., Evans, A. M., Zeelenberg, M. (under review). Inter- and intra-regional variability of intergroup bias predicts online hostility.

Rosenbusch, H., Soldner, F., Evans, A. M., Zeelenberg, M. (under review). Supervised machine learning methods in psychology: A practical introduction with annotated R code.

Rosenbusch, H., Evans, A. M., Zeelenberg, M. (in preparation). StatBreak: Probing statistical robustness through genetic algorithms.

Rosenbusch, H., Aghaei, M., Evans, A. M., Zeelenberg, M. (in preparation). Predicting psychological associations to women's clothes: A database and computer vision model.

Rosenbusch, H., Aghaei, M., Evans, A. M., Zeelenberg, M. (2019). Predicting psychological associations to women's clothes: A database and computer vision model. Presented at *Economic and Consumer Psychology Workshop Cologne*.

Rosenbusch, H., Wanders, F., Pit, I. (2019). The Semantic Scale Network: An online tool to detect semantic overlap of psychological scales and prevent scale redundancies. Presented at *IC2S2 2019.*

Rosenbusch, H., Evans, A. M., Zeelenberg, M. (2018). Distinguishing trust and gullibility through Twitter language. Presented at *TIBER 2018*.

Kuppens, T., Spears, R., Manstead, A., & Rosenbusch, H. (2018). Political correctness: Red light or red rag to prejudice? *Presented by Kuppens at BPS social psychology section annual conference*.

TEACHING

I taught in several Bachelor level courses including: Introduction to Psychology, Social Psychology, Cultural Psychology, Consumer Behavior and Big Data, and Attitudes and Advertising. Further, I regularly supervise Bachelor theses.

Additionally, I presented at a research colloquium on machine learning for social scientists and gave a workshop on machine learning with Python for economists.

AWARDS AND SCHOLARSHIPS

Research Talent Grant 2017

This grant was awarded to me by the Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO) in order to finance a joint Ph.D. project between the University of Groningen and the University of St Andrews. The title of the project was "Explaining intergroup violence and radicalism: Integrating cognitive and emotion pathways". I decided to not accept the grant and instead start my Ph.D. project at the University of Tilburg.

Excellent Student Grant 2016

This grant was awarded to me by the Groningen University Fund (GUF) in order to support my research traineeship at the University of St Andrews.

PROMOS Scholarship 2014

This scholarship was awarded to me by the Deutscher Akademischer Austauschdienst (DAAD) in order to finance my studies at the University of Queensland.

RESEARCH STAYS AND ASSISTANTSHIPS

06/2019 – present   Member of PhD Council for Social and Behavioral Sciences, Tilburg University

	Organization of research colloquia
	Representation of Social Psychology Department
08/2016 – 10/2016	School of Psychology & Neuroscience, St Andrews University
	Research Traineeship, Supervision by Dr. Nicole Tausch
	- Research project on intergroup emotions and radical collective action
	- Lit review, experimental design, supervision, data analysis, and reporting
09/2015 – 07/2016	Faculty of Behavioural and Social Sciences, University of Groningen
	Research Assistant of Prof. Russell Spears
	- Research projects on political correctness and intergroup perceptions
	- Lit review, experimental design, supervision, data analysis, and reporting
10/2014 – 8/2015	Institute of Experimental Industrial Psychology, Leuphana University
	Student Assistant/Research Assistant of Prof. Dr. Hans-Rüdiger Pfister
	- Lit review, documentation, and questionnaire translation (English-German)
	- Experimental design (EEG studies) and experiment supervision
09/2014 – 12/2014	Institute of Strategic Human Resource Management, Leuphana University
	Research Internship
	- Research assistance in various fields e.g. stereotyping, organizational culture
	- Consulting of a large aircraft manufacturer regarding expatriation policies
08/2014 – 09/2014	Research Project 'Silver Worker Index', Leuphana University
	Assistant of Prof. Jürgen Deller
	- Data research & statistical analysis in the field of demographic change
	- Co-design of an advisory presentation for German politicians

CONFERENCES / SUMMER SCHOOLS

- 2017 ASPO Conference (Amsterdam)

- 2017 Summer school on Decisions, Law, and the Big Data Revolution (Haifa)

- 2018 TIBER conference (Tilburg)

- 2018 Summer Institute in Computational Social Science (Helsinki)

SKILLS

IT-Skills:

CURRICULUM VITAE – HANNES ROSENBUSCH – MICROSOFT RESEARCH

R, Python, Git, SQL, SPSS, NetLogo, Qualtrics, Kaggle, EFS Survey, CITAVI/Endnote/Refworks, Adobe CC, MTurk/Prolific, Basic knowledge in: C, HTML, CSS

Languages:

German (native)

English (fluent)

French (medium)

Dutch, Spanish (basic)

Memberships/Engagement:

Training and practice as conflict mediator

Member of Kalliope Groningen Debating Society

Co-founder and editor of The Amnesty Post in Groningen (human rights magazine)

<u>REFEREES</u>

Prof. Marcel Zeelenberg, University of Tilburg, Email: m.zeelenberg@uvt.nl, Tel: +31 13 466 8276

Prof. Russell Spears, University of Groningen, Email: r.spears@rug.nl, Tel: +31 50 36 39355

Dr. Nicole Tausch, University of St Andrews, Email: nt20@st-andrews.ac.uk, Tel: +44 1334 462069