

# Dr. Damian Trilling | CV

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Born in Menden, Germany

**Menden, DE**  
6-4-1983

## Work experience

### Academic work experience

**Universiteit van Amsterdam** **Amsterdam, NL**  
*Assistant Professor (UD), tenured* 2014–present

**Universiteit van Amsterdam** **Amsterdam, NL**  
*Lecturer (docent)* 2012–2014

- Acquired the Dutch Basic Teaching Qualification (Basiskwalificatie Onderwijs) – 7-10-2013
- Received 0.2 FTE research time grant for further qualification – 9/2013

**Universiteit van Amsterdam** **Amsterdam, NL**  
*PhD Candidate* 2009–2012

- Full-time employee as PhD candidate at the Amsterdam School of Communication Research
- Teaching and thesis supervision

**Westfälische Wilhelms-Universität** **Münster, DE**  
*Student assistant* 2007–2009

- Conducting quantitative and qualitative content analyses as student research assistant at the Department of Communication Science

### Journalistic work experience

**Westfalenpost** **Menden, DE**  
*Freelance journalist for Westfalenpost and other regional publications* 2000–2009

## Education

**Universiteit van Amsterdam** **Amsterdam, NL**  
*Doctoral degree (Dr.)* 2009–2013

- Degree in Communication Science, defended at the Faculty of Social and Behavioural Sciences, with a thesis titled “Following the News. Patterns of Online and Offline News Consumption”. In the Netherlands, the German distinction between summa cum laude, magna cum laude, cum laude, and rite does not exist.

**Vrije Universiteit** **Amsterdam, NL**  
*Erasmus exchange* 2006–2007

**Westfälische Wilhelms-Universität** **Münster, DE**  
*Magister degree (M.A.)* 2003–2009

- Degree in Communication Science, minors in Dutch Studies and German Philology (grade: 1.11)
- Thesis on “New Papers for New Readers? Concepts, Profiles and Programs of the Dutch Papers nrc.next, De Pers and DAG” (grade: 1.0)

## Languages

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**German, Dutch:** native-level proficiency

**English:** near-native-level proficiency

**French, Spanish, Norwegian, Latin:** basic skills

## IT skills

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**Statistical software:** R, STATA, SPSS, Amos

**Programming in Python:** data retrieval, text analysis and natural language processing

**Databases:** MySQL, MongoDB, Elasticsearch

**Markup languages:** LaTeX, HTML, CSS, XML

**System administration:** Linux, cloud computing, virtual machines

**Software for qualitative analysis:** AtlasTI

**Office and graphics:** Prevalent office, DTP, and graphic software

## Grants and awards

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**JEDS: Tracking the filter bubble:** I am co-applicant of the project “Tracking the filter bubble”, funded with 244k Euro in cash and 2.5 FTE working time of research engineers in kind. Funded by the Dutch eScience Center and the Netherlands Organisation for Scientific Research (NWO). Resulted in hiring a PhD candidate, who I supervise (in 2018).

**Research time for lecturers:** 0.2 FTE research time funded while working as lecturer, granted in a competitive round for lecturers with the best research proposal. Resulted in publication of article [?] (granted per 9/2013).

**Competitive internal funding:** For the INCA project which I lead (“Infrastructure for Content Analysis”, <https://github.com/uvacw/inca>), we received in competitive funding rounds in total 24250 Euro (2018: 2500, 2017: 16750, 2016: 5000).

**Collegiality award:** I received an award for the most helpful colleague in the department (in 2017).

**Teaching award:** For my Research Master course “Big Data and Automated Content Analysis”, I received an award for the best-evaluated methods course (in 2015).

**Travel grants:** I received more than 15000 Euro for conference travel (from 2010 onwards).

## Project leadership

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I am leader of the INCA project (“Infrastructure for Content Analysis”, <https://github.com/uvacw/inca>), in which we develop and maintain an infrastructure for automated content analysis, used by researchers across the Department of Communication Science. I continuously supervise student assistants, interns, and scientific staff that contribute to the project.

## Current research projects

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**Detecting and analyzing news events**

*Internal project*

2018–

In this project, I try to develop a method to automatically identify “news events” in large corpora of news articles in order to answer questions about intermedia agenda-setting effects, news diffusion, and news diversity.

### **Use of, attitudes towards, and effects of news recommender systems**

*Internal project; project with Volkskrant, NL; project with LMU München, DE* 2017–

We investigated (with Neil Thurman, LMU, Judith Möller, UvA, Natali Helberger, UvA) how media users evaluate the use of algorithmic news recommendations; with Felicia Löcherbach, VU, NL I developed a platform to test their effects, and with Judith Möller, Natali Helberger, Bram van Es (all UvA, NL), I investigated in cooperation with a large Dutch newspaper the impact of news recommendations on content diversity.

### **Infrastructure for content analysis**

*Internal project* 2014–

Development and maintenance of software and hardware infrastructure for automated content analysis.

### **Online news use**

*Projects funded by NWO (Dutch Science Foundaton) and ASCoR* 2018–2022

Together with two PhD students that I co-supervise (see sections *PhD supervision* and *grants and awards*), I analyze the use of online news use.

### **The credibility of credibility measures**

*Project with U of Missouri, US, and U Luzern, CH* 2012–2019

The project with Lea Hellmüller and Anina Hanimann aims at creating an extensive review of the use of credibility measures in the communication science literature.

## **Completed research projects**

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### **The State of automated content analysis**

*Internal project* 2016–2018

In this project, we mapped the state of the art of automated content analysis and developed suggestions for further methodological development.

### **Personalised Communiation**

*Interdisciplinary project* 2015–2018

I participated in this large interdisciplinary project (PIs: Natali Helberger and Claes de Vreese) with 0.2 FTE for three years. Using both tracking data and survey data, I focused on the analysis of personalised news use.

### **Economic news**

*Internal project* 2016–2017

With several colleagues, I looked into coverage about companies, including the relationship with stock exchange rates.

### **News values and news sharing**

*Internal project* 2015–2017

In this project, I analyzed news values in online and offline news, and how these are related to news sharing.

### **Incivility in online comments**

*Internal project* 2015

Together with Linda Bos, I investigated the deliberativeness and incivility of comments on online news sites.

### **Twitter and the public sphere**

*Project with TU Dortmund, DE, FU Berlin, DE, and RU Nijmegen, NL* 2013–2018

I investigated debates on Twitter in Brazil and the Netherlands, together with Mariella Bastian, Débora Maria Moura Medeiros, Judith Möller, and Marijn van Klingeren.

### **Selective exposure in a multi-party system**

*Project with U of Haifa, IL and RU Nijmegen, NL* 2013–2015

In this project with Yariv Tsfat, University of Haifa, and Marijn van Klinger, Radboud Universiteit Nijmegen, I conducted an online experiment on the effects of selective exposure in the Dutch multi-party system. The project was funded in kind with 0.2 FTE research time by the Graduate School of Communication and with  $\approx$  2000 euro in cash for data collection costs by the University of Haifa.

## Second screen usage

*Internal project*

2012–2017

In this project, I investigated how Twitter content reflects television content. The second part was done together with Mark Boukes.

## Patterns of online and offline news consumption

*PhD project*

2009–2013

In this project funded by the Amsterdam School of Communication Research and the Dutch Press Fund, I conducted survey research on news media use in the Netherlands and Austria.

## Supervision

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### PhD supervision

**Felicia Löcherbach:** “Tracking the filter bubble”

2018–2022

(co-supervision with Judith Möller and Wouter van Atteveldt)

**Susan Vermeer:** “News for you!”

2018–2021

(co-supervision with Sanne Kruikemeier and Claes de Vreese)

**Tom Dobber:** “Extent and consequences of political behavioral targeting”

2016–2019

(co-supervision with Natali Helberger and Claes de Vreese)

### Membership in PhD dissertation committees

**Carlos Brenes Peralta:** “Two sides to every story”

19-9-2017

(supervisors Claes de Vreese, Magdalena Wojcieszak, and Yphtach Lelkes)

### Bachelor and Master supervision

I supervised 98 Bachelor and Master theses (available at <http://scriptiesonline.uba.uva.nl/>).

I additionally regularly serve as second reader.

## Service to the discipline

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### Founding associate editor

*Computational Communication Research*

2018–present

### Member of Programme Committee (Opleidingscomissie)

*Journalism, Media and Globalisation (Erasmus Mundus Master's joint degree)*

2017–present

### Member of Committee “Thesis Quality Master”

*Second reader to guarantee quality of master theses*

2017–present

### Member of Methods Committee

*Advising College and Graduate School regarding the methods curriculum*

2015–present

**Member of the curriculum committee MSc Data Science**

*Developing curriculum for new Master program at the Faculty of Science*

2016

**Member of Social Committee**

*JongUvA – committee to organize social events for young colleagues*

2015–2016

**Ad-hoc reviewer**

*Regular reviewer of manuscripts for conferences and journals, including:* continuously

Journal of Communication, Social Science Computer Review, New Media & Society, Mass Communication and Society, Communication Methods and Measures, Medien & Kommunikationswissenschaft, Tijdschrift voor Communicatiewetenschap, International Journal of Public Opinion Research, International Journal of Communication, Communications: The European Journal of Communication Research, Journal of Broadcasting and Electronic Media, Mobile Media & Communication, Journal of Computer-Mediated Communication, First Monday; ICA, ECREA, WAPOR, Etmaal van de Communicatiewetenschap.

*Also reviewing for several funding agencies, including the Czech Science Foundation and the Flemish Science Foundation.*

## Teaching

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**Big Data and Automated Content Analysis:** Research Master methods course. Co-teaching every academic year since 2013/2014, in semester 2.

**Innovating Journalism:** Master course on data journalism. Co-teaching with Penny Sheets in academic year 2018/19, semester 1.

**Journalistic Product:** Practical course to turn Master's thesis into a journalistic product. Co-teaching in academic year 2016/17, semester 2, and academic year 2017/18, semester 2.

**Media Ethics:** MOOC (Massive Open Online Course). Developed with Rutger de Graaf, Elgin Blankwater, Annemarie van Oosten, Sandra Jacobs, Lotte Salome. Continuously available online.

**Introduction to Research Methods:** Seminar group in the pre-master program. Co-teaching in academic year 2014/15, semester 1.

**Hot topics in political communication:** Bachelor graduation project (Afstudeerproject). Co-teaching with Linda Bos in academic year 2014/15, semester 1.

**Graduation project Excellence track (Afstudeerproject Excellentietraject):** Bachelor graduation project for excellent students. Co-teaching in academic year 2013/14, semester 2 and academic year 2014/15, semester 2.

**Citizens and Public Opinion:** Master specialization seminar. Co-teaching with Anouk van Drunen and Regula Hänggli in academic year 2012/13, semester 2.

**Journalism and the Media:** Master specialization seminar. Co-teaching with Richard van der Wurff in academic year 2012/13, semester 1.

**New Media, New Politics?:** Master elective. Co-teaching in academic year 2012/13, semester 1 and academic year 2012/13, semester 2.

**Domain Module Political Communication and Journalism:** Bachelor seminar groups (Werkgroepen Domeinmodule politieke communicatie en journalistiek). Two groups taught in academic year 2012/13, semester 1; two groups taught in academic year 2015/16, semester 1.

**Dead Trees and Digital Citizens: News and Journalism in an Online Era:** Bachelor graduation

seminar (Afstudeerseminar Dode bomen en digitale burgers: Nieuws en journalistiek in het online tijdperk). Co-teaching with Tom Bakker in academic year 2011/12, semester 2; taught as graduation project (afstudeerproject) in academic year 2012/13, semester 2 and academic year 2013/14, semester 1.

**Introduction to Communication Science:** Bachelor seminar group (Werkgroep Inleiding Communicatiewetenschap). Co-teaching in academic year 2010/11, semester 1.

## Invited talks and workshops (selection)

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### **Universiteit Antwerpen**

*Four-day workshop Automated Content Analysis with Python* 9-2017

### **Schader-Forum, Darmstadt.**

*Invited speaker at Workshop Medien in Konflikten.* 14-9-2017

### **Radboud Universiteit, Nijmegen**

*Two-day workshop Automated Content Analysis with Python* 5-2017

### **Vrije Universiteit, Amsterdam.**

*Invited presentation: "Filter bubbles are overrated"* 10-4-2017

### **Pakhuis de Zwijger, "Sign of Time" series, Amsterdam**

*Participant in a panel discussion on filter bubbles and algorithmic news selection* 27-3-2017

### **Amsterdam Institute for Social Science Research, Universiteit van Amsterdam**

*Two-day workshop Automated Content Analysis with Python* 2/2017

### **Geneva, Switzerland**

*Session at PhD training workshop: "Data analysis in the digital age"* 12-5-2016

### **Schloss Dagstuhl, Germany**

*Invited participant at expert workshop "Analysis, Interpretation and Benefit of User-Generated Data: Computer Science Meets Communication Studies"* 4-2016

### **Utrecht School of Governance, Utrecht University**

*Invited talk: "Inductive automated frame analysis"* 1-3-2016

### **Computational Social Science Meetup, Freie Universität Berlin**

*Invited talk: "Setting up an infrastructure for large-scale automated content analysis"* 24-2-2016

### **Radboud Universiteit, Nijmegen**

*Guest lecture: "Big Data & network analysis"* 8-12-2015

### **GESIS Computational Social Science Winter Symposium, Cologne**

*Invited talk at pre-symposium workshop: "From word frequencies to topic modeling: Applying automated content analysis techniques to short social media messages"* 1-12-2015

### **IdeaLabsSymposium, "Social media: incubators of a renewed news media landscape?", KU Leuven, Belgium**

*Invited lecture: "Packing and unpacking the bag of words: Introducing a toolkit for inductive automated frame analysis."* 27-11-2015

**Nederlandstalig Platform voor Surveyonderzoek (NPSO), Amsterdam**

Invited talk: "Meer dan sentiment scores: Inzichten destilleren uit een enorme hoeveelheid data" 22-9-2015

**Utrecht Data School, Utrecht University**

Workshop "Python in the Social Sciences" 8-10-2014

**Coding Culture, Utrecht**

Workshop "Python in the Social Sciences" 5-3-2014

**Department of Communication Science, Universiteit van Amsterdam**

Hands-on-Workshop Analyzing Big (Twitter) Data. 3-2014

## Publications

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### Manuscripts under review.....

### Peer-reviewed articles.....

- [A 1] BOUMANS, Jelle W.; TRILLING, Damian; Vliegenthart, Rens; BOOMGAARDEN, Hajo G.: The agency makes the (online) news world go round: The impact of news agency content on print and online news. In: *International Journal of Communication* 12 (2018), pp. 1768–1789
- [A 2] DOBBER, Tom; TRILLING, Damian; HELBERGER, Natali; DE VREESE, Claes H.: Spiraling downwards: the reciprocal relation between attitude towards political behavioral targeting and privacy concerns. In: *New Media & Society* (in press)
- [A 3] JONKMAN, Jeroen G.; TRILLING, Damian; VERHOEVEN, Piet; Vliegenthart, Rens: More or less diverse: An assessment of the effect of attention to media salient company types on media agenda diversity in Dutch news paper coverage between 2007 and 2013. In: *Journalism* 19 (2018), pp. 1608–1627. – DOI 10.1177/1464884916680371
- [A 4] KROON, Anne C.; TRILLING, Damian; Vliegenthart, Rens; VAN SELM, Martine: Biased media? How news content influences age discrimination claims. In: *European Journal of Ageing* online first (2018)
- [A 5] MÖLLER, Judith; TRILLING, Damian; HELBERGER, Natali; VAN ES, Bram: Do not blame it on the algorithm: An empirical assessment of multiple recommender systems and their impact on content diversity. In: *Information, Communication & Society* 21 (2018), Nr. 7, pp. 959–977. – DOI 10.1080/1369118X.2018.1444076
- [A 6] STRYCHARZ, Joanna; STRAUSS, Nadine; TRILLING, Damian: The Role of Media Coverage in Explaining Stock Market Fluctuations: Insights for Strategic Financial Communication. In: *International Journal of Strategic Communication* 12 (2018), Nr. 1, pp. 67–85. – DOI 10.1080/1553118X.2017.1378220
- [A 7] THURMAN, Neil; MÖLLER, Judith; HELBERGER, Natali; TRILLING, Damian: My Friends, Editors, Algorithms, and I: Examining audience attitudes to news selection. In: *Digital Journalism* online first (2018). – DOI 10.1080/21670811.2018.1493936
- [A 8] TRILLING, Damian; BOUMANS, Jelle W.: Automatische inhoudsanalyse van Nederlandstalige data: Een overzicht en onderzoeksagenda. In: *Tijdschrift voor Communicatiewetenschap* 46 (2018), Nr. 1, pp. 5–24

- [A 9] TRILLING, Damian; JONKMAN, Jeroen G.: Scaling up content analysis. In: *Communication Methods and Measures* 12 (2018), Nr. 2-3, pp. 158–174. – DOI 10.1080/19312458.2018.1447655
- [A 10] BOUKES, Mark; TRILLING, Damian: Political relevance in the eye of the beholder: Determining the substantiveness of TV shows and political debates with Twitter data. In: *First Monday* 22 (2017), Nr. 4. – DOI 10.5210/fm.v22i4.7031
- [A 11] BURGGRAAFF, Christiaan; TRILLING, Damian: Through a different gate: An automated content analysis of how online news and print news differ. In: *Journalism online first* (2017). – DOI 10.1177/1464884917716699
- [A 12] DOBBER, Tom; TRILLING, Damian; HELBERGER, Natali; DE VREESE, Claes H.: Two crates of beer and 40 pizzas: The adoption of innovative political behavioural targeting techniques. In: *Internet Policy Review* 6 (2017), 12, Nr. 4. – DOI 10.14763/2017.4.777
- [A 13] TRILLING, Damian; VAN KLINGEREN, Marijn; TSFATI, Yariv: Selective exposure, political polarization, and possible mediators: Evidence from the Netherlands. In: *International Journal of Public Opinion Research* 29 (2017), Nr. 2, pp. 189–213. – DOI 10.1093/ijpor/edw003
- [A 14] TRILLING, Damian; TOLOCHKO, Petro; BURSCHER, Björn: From newsworthiness to shareworthiness: How to predict news sharing based on article characteristics. In: *Journalism & Mass Communication Quarterly* 94 (2017), Nr. 1, pp. 38–60. – DOI 10.1177/1077699016654682
- [A 15] BOUMANS, Jelle W.; TRILLING, Damian: Taking stock of the toolkit: an overview of relevant automated content analysis approaches and techniques for digital journalism scholars. In: *Digital Journalism* 4 (2016), Nr. 1, pp. 8–23. – DOI 10.1080/21670811.2015.1096598
- [A 16] MOURA MEDEIROS, Débora Maria; BASTIAN, Mariella; TRILLING, Damian: Talking with and about politicians on Twitter: An analysis of tweets containing @-mentions of candidates in the Brazilian presidential elections. In: *Revista Latinoamericana de Opinión Pública* 6 (2016), pp. 89–115
- [A 17] MOELLER, Judith; TRILLING, Damian; HELBERGER, Natali; IRION, Kristina; DE VREESE, Claes H.: Shrinking core? Exploring the differential agenda setting power of traditional and personalized news media. In: *Info* 18 (2016), Nr. 6, pp. 26–41. – DOI 10.1108/info-05-2016-0020
- [A 18] TRILLING, Damian; BOS, Linda; JANSE VAN RENSBURG, Lara; DE GROOT, Maarten S.: Hufterigheid en democratisch debat in online comments op verschillende platforms. In: *Tijdschrift voor Communicatiewetenschap* 44 (2016), Nr. 3, pp. 210–230
- [A 19] ZUIDERVEEN BORGESIU, Frederik J.; TRILLING, Damian; MÖLLER, Judith; ESKENS, Sarah; BODÓ, Balazs; DE VREESE, Claes H.; HELBERGER, Natali: Algoritmische verzuiling en filter bubbles: een bedreiging voor de democratie? In: *Computerrecht* 2016 (2016), Nr. 5, pp. 255–262
- [A 20] ZUIDERVEEN BORGESIU, Frederik J.; TRILLING, Damian; MÖLLER, Judith; BODÓ, Balazs; DE VREESE, Claes H.; HELBERGER, Natali: Should We Worry about Filter Bubbles? In: *Internet Policy Review* 5 (2016), Nr. 1. – DOI 10.14763/2016.1.401



- [A 21] TRILLING, Damian: Two different debates? Investigating the relationship between a political debate on TV and simultaneous comments on Twitter. In: *Social Science Computer Review* 33 (2015), Nr. 3, pp. 259–276. – DOI 10.1177/0894439314537886
- [A 22] TRILLING, Damian; SCHOENBACH, Klaus: Challenging selective exposure: Do online news users choose sites that match their interests and preferences? In: *Digital Journalism* 3 (2015), Nr. 2, pp. 140–157. – DOI 10.1080/21670811.2014.899749
- [A 23] TRILLING, Damian; SCHOENBACH, Klaus: Investigating people's news diets: How online news users use offline news. In: *Communications: The European Journal of Communication Research* 40 (2015), Nr. 1, pp. 67–91. – DOI 10.1515/commun–2014–0028
- [A 24] BAKKER, Tom P.; TRILLING, Damian; HELFER, Luzia: The context of content: The impact of source and setting on the credibility of news. In: *Recherches en Communication* 40 (2013), pp. 151–168
- [A 25] BASTIAN, Mariella; TRILLING, Damian: An unfulfilled promise: Twitter and the dictatorial past in Brazil. In: *Revista Brasileira de Políticas de Comunicação* 4 (2013), pp. 51–68
- [A 26] TRILLING, Damian; SCHOENBACH, Klaus: Patterns of news consumption in Austria: How fragmented are they? In: *International Journal of Communication* 7 (2013), pp. 929–953
- [A 27] TRILLING, Damian; SCHOENBACH, Klaus: Skipping current affairs: The non-users of online and offline news. In: *European Journal of Communication* 28 (2013), Nr. 1, pp. 35–51. – DOI 10.1177/0267323112453671

Theses.....

Textbooks.....

Book chapters.....

Other publications (selection).....

Conference presentations and posters.....