

# Curriculum vitae: Martijn Wieling

---

## Personal information

Date of birth: March 18, 1981  
Place of birth: Emmen  
Nationality: Dutch  
Phone: +31 6 100 950 21  
E-mail: m.b.wieling@rug.nl  
Website: <http://www.martijnwieling.nl>



Photo: Jérôme Schlomoff

## Summary

- **2007:** MSc in Computing Science, University of Groningen, *cum laude*
- **2007:** MSc in Behavioral Cognitive Neurosciences, University of Groningen, *cum laude*
- **2012:** PhD in Linguistics, *cum laude* (top 5%)
- **Since 2012:** Research grants worth over € 600.000, among which
  - NWO Rubicon grant (€ 60.000)
  - NWO Veni grant (€ 250.000)
- **Since 2015:** Assistant professor (tenured, now UD1) Information Science, Univ. of Groningen
  - Supervision: 1 postdoc, 5 PhD students, several MA students
  - Teaching (with UTQ): Several statistics courses at BA, MA and PhD-level
- **2015:** Member of *De Jonge Akademie*, Royal Netherlands Academy of Arts and Sciences
- **2016:** Founding member of the Young Academy Groningen, University of Groningen
- **2016:** European Young Research Award, EuroScience
- **2017:** Committee member for the Canada Foundation for Innovation (total grants: M\$550)
- **2018:** Vice-chairman of *De Jonge Akademie*, KNAW (as of the end of March 2018)
- **Outreach:** Presentations and publications (including a *comic*), and 70 media items/interviews
- **Scientific output:**
  - **Over 65 peer-reviewed publications** (half as first author, h-index: 17), several in top journals in Linguistics, such as *Journal of Phonetics* (twice), *Language*, *Journal of the Acoustical Society of America*, *Computer Speech and Language*, *Computers and Education*, *PLOS ONE*, and by invitation in *Annual Review of Linguistics* (only internationally respected scientists are invited to submit to this journal)
  - **Book contract at Cambridge University Press:** *Regional Dialectology: Quantitative Approaches using R* (with Jack Grieve, University of Birmingham)
  - **80 scientific presentations and courses** (28 by invitation, such as in Cambridge, Toulouse and Montréal; 1 at the prestigious biennial *LSA Institute*)

## Education

- 2017 **University Teaching Qualification (UTQ)**, University of Groningen
- 2012 **PhD degree in Linguistics** (*cum laude*: top 5%), Faculty of Arts, University of Groningen  
Dissertation title: *A Quantitative Approach to Social and Geographical Dialect Variation*. Promotors: Prof. John Nerbonne (University of Groningen / Universität Freiburg) and Prof. R. Harald Baayen (Universität Tübingen / University of Alberta).
- 2007 **Master of Science (MSc) Computing Science – Intelligent Systems** (*cum laude*), University of Groningen.
- 2007 **Master of Science (MSc) Behavioral Cognitive Neurosciences (BCN) – Computational Modeling of Cognition** (*cum laude*), University of Groningen.
- 2005 **Bachelor of Science (BSc) degree Computing Science** (*cum laude*), University of Groningen.

## University positions

Since 9/2017 **Assistant Professor** (UD1, 0.75 fte, with tenure), Department of Information Science, Faculty of Arts, University of Groningen.

- Since 8/2017 **Affiliated Research Scientist**, Haskins Laboratories, Yale, New Haven, USA.
- 2015 – 2017 **Assistant Professor** (UD2, 0.75 fte, with tenure), Department of Information Science, Faculty of Arts, University of Groningen.
- 2015 – 2016 **Post-doc** (0.10 fte, 6 months) on Monika Schmid's NWO Vici project *The age effect in bilingual development: grammatical gender in second language acquisition and first language attrition*.
- 2013 – 2015 **Post-doc** (0.75 fte) during the first two years of my four-year **NWO Veni grant project** *Improving speech learning models and English pronunciation with articulatory feedback*. Faculty of Arts, University of Groningen.
- 2013 – 2014 **Post-doc** (0.20 fte) with Prof. R. Harald Baayen at the Department of Quantitative Linguistics, University of Tübingen, Germany.
- 2012 – 2013 **Post-doc** on a one-year **NWO Rubicon grant project** collaborating with Prof. R. Harald Baayen. Project title: *Investigating language variation physically*. Department of Quantitative Linguistics, University of Tübingen, Germany.

### Research grants and fellowships (total: > € 600,000)

- 2017 **CIT Data Science Grant** (€ 35,000; with Dr. Nanna Hilton), University of Groningen. Project title: *Automatic recognition of Frisian speakers*.
- 2017 **Stichting Groninger Universiteitsfonds grant** (€ 13,750) for purchasing a high-speed ultrasound device and control laptop.
- 2017 **De Jonge Akademie project grant** (€ 4000) for conducting a study on the effectiveness for pronunciation training of visual feedback of the tongue using ultrasound.
- 2017 **Nvidia Hardware Grant**, Titan X Pascal GPU (value: € 1400).
- 2017 **Interdisciplinary PhD position Young Academy Groningen** (€ 120,000; with Prof. Michel Vols, Faculty of Law), University of Groningen. Project title: *Automatic detection of linguistic patterns in legal big data*.
- 2016 **Digital Humanities Exploratory Project Grant** (€ 50,000), University of Groningen. Project title: *Identifying Dutch accents automatically*.
- 2016 **Nvidia Hardware Grant**, Titan X GPU (value: € 1000).
- 2016 **De Jonge Akademie project grant** (€ 4000) for the creation and publication of a comic to illustrate one of the results of my articulatory research to the general public. The result can be seen at <http://www.martijnwieling.nl/comic>.
- 2016 **Research proposal writing grant** (€ 5000), Faculty of Arts, University of Groningen.
- 2015 **De Jonge Akademie project grant** (€ 6000; co-applicant) for a collaborative project with Dr. Marleen Kamperman, Prof. Johan van Leeuwen and Prof. Jan-Willem Veening. The goal of this project is to create a comic (drawn by Eva Hilhorst) illustrating the diversity among scientists and scientific fields in order to counter the stereotype of a scientist as being a male scientist in a lab coat.
- 2015 **Vereniging van Instellingen voor mensen met een Visuele beperking (VIVIS) project grant** (€50,000). Project title: *Automatic speech recognition for congenitally blind speakers*.
- 2015 **Short Term Mobility Grant** (€ 1700) of the *Consiglio Nazionale delle Ricerche* awarded for a research visit to *Istituto di Linguistica Computazionale*, CNR, Pisa, Italy.
- 2015 **De Jonge Akademie project grant** (€ 8000) for a collaborative project on visualizing dialect data with Prof. Bettina Speckmann, Eindhoven University of Technology.
- 2013 **NWO (Netherlands Organisation for Scientific Research) Veni Award** (€ 250,000 + € 50,000 contributed by the Faculty of Arts, University of Groningen). Project title: *Improving speech learning models and English pronunciation with articulatory feedback*.
- 2013 **Short Term Mobility Grant** (€ 2100) of the *Consiglio Nazionale delle Ricerche* awarded for a two-week research visit to *Istituto di Linguistica Computazionale*, CNR, Pisa, Italy.
- 2012 **NWO (Netherlands Organisation for Scientific Research) Rubicon Grant** (€ 60,000) for a one-year post-doc appointment at the University of Tübingen, Germany. Project title: *Investigating language physically*.

- 2011 **Short Term Mobility Grant** (€ 2100) of the *Consiglio Nazionale delle Ricerche* awarded for a research visit to *Istituto di Linguistica Computatazionale*, CNR, Pisa, Italy.
- 2010 **Travel grant** (€ 400) of the University College London to attend the AHRC CECD 2010 Summer School in London.
- 2006 **Individual monthly stipend** (total: € 2220) awarded to the best four students of the BCN research master.

### Honors and awards

- 2018 **Elected vice-chairman of *De Jonge Akademie***, KNAW (as of March 2018).
- 2016 **European Young Research Award**, EuroScience, see <http://www.euroscience.org/news/european-young-researchers-award-eyra-2016>. This biennial prize is meant for post-docs with excellent research performance and leadership, and who exhibit a clear European dimension in their work. This was the first time someone from the humanities was awarded this prestigious prize.
- 2016 **Founding member of the Young Academy Groningen**, a group of about 25 of the best young researchers of the University of Groningen.
- 2015 **Member of the *De Jonge Akademie***, a national group of 50 young (up to 10 years after PhD) top scientists. *De Jonge Akademie* is a part of the Royal Netherlands Academy of Arts and Sciences (KNAW).
- 2014 **Lisa Lena Opas-Hänninen prize for best young scholar's poster** at the Methods in Dialectology XV conference, Groningen.
- 2012 **Best Poster Award** at the BCN New Year's Meeting.

### International collaboration

- Since 2018 Research collaboration with **Dr. Aude Noiray**, University of Potsdam on her DFG-funded project: *Relation between phonological awareness and the maturation of spoken language organization*.
- Since 2017 Research collaboration with **Dr. Stefanie Keulen**, University of Brussels, Belgium on her FWO-funded project: *Investigating feedback mechanisms in Childhood Apraxia of Speech*.
- Since 2014 Research collaboration with **Prof. Simon Wood** (University of Bristol, United Kingdom), **Prof. R. Harald Baayen** (University of Tübingen, Germany) and **Dr. Jacolien van Rij** (University of Groningen) on writing a book on using generalized additive modeling in Linguistics (several weeks in Groningen, Tübingen, and Bristol).
- May 2017 Research collaboration (automatic identification of lip movement using video recordings of speakers) in Groningen with **Dr. Helen L. Bear**, University of East London, UK (1 week in Groningen)
- June – August 2016 Research collaboration (acoustic-to-articulatory inversion) in Groningen with **Ganesh Sivaraman**, PhD student at the University of Maryland, USA (3 months in Groningen).
- June – August 2016 Research collaboration (articulography) in Groningen with **Sean Veld**, PhD student at Macquarie University, Sydney, Australia (3 months in Groningen).
- April 2016 Research collaboration (articulography) with **Dr. Mark Tiede**, Haskins Laboratories, New Haven, United States (1 week).
- October 2015 Research collaboration (Tuscan dialectology) with **Dr. Simonetta Montemagni**, Istituto di Linguistica Computatazionale, Consiglio Nazionale Ricerche, Pisa, Italy (2 weeks).
- September 2014 Research collaboration (articulography) with **Dr. Mark Tiede**, Haskins Laboratories, New Haven, United States (1 week).
- April 2014 Research collaboration (articulography experiment) with **Dr. Patti Adank**, University College London, United Kingdom (2 weeks).

- July 2013                      Research collaboration (sentence readability assessment) with **Dr. Simonetta Montemagni**, Istituto di Linguistica Computazionale, Consiglio Nazionale Ricerche, Pisa, Italy (2 weeks).
- February 2012                Research collaboration (English dialectology) with **Prof. Clive Upton**, **University of Leeds, United Kingdom** (1 week).
- May 2011                      Research collaboration (Tuscan dialectology) with **Dr. Simonetta Montemagni**, Istituto di Linguistica Computazionale, Consiglio Nazionale Ricerche, Pisa, Italy (2 weeks).
- Feb. 2011                      Research collaboration (Catalan dialectology) with **Dr. Esteve Valls**, **University of Barcelona, Spain** (2 weeks).
- July – August 2010        Research collaboration (Dutch dialectology) with **Prof. R. Harald Baayen**, **University of Alberta, Edmonton, Canada** (6 weeks).

### Conference organization

- 2018            **Co-organizer** (supervising staff member) of the 39<sup>th</sup> *TABU Dag* international linguistics conference (Groningen: June 14 and 15, 2018).
- 2017            **Co-organizer** (supervising staff member) of the 38<sup>th</sup> *TABU Dag* international linguistics conference (Groningen: June 22 and 23, 2017; about 150 participants).
- 2017            **Co-organizer** of the *International Workshop on Statistical Modeling* (Groningen: July 3-7, 2017; about 150 participants).
- 2014            **Member of the local committee** assisting in the organization of the *Methods in Dialectology XV* conference (Groningen: August 11-15, 2014; about 200 participants).
- 2012            **Co-organizer** of the *Generalized Additive Modeling – Mixed-Effects Regression (GAM-MER) Workshop* (Tübingen: November 12 and 13, 2012; about 40 participants).
- 2012            **Co-organizer** of the *Workshop on Quantitative Linguistics and Dialectology* (Groningen: June 29, 2012; about 30 participants).
- 2010            **Co-organizer** of the workshop *Bloomsday 2010: Echoes of Albion* about English-American speech relationships (Groningen: June 16, 2010; about 30 participants).
- 2009            **Co-organizer** of the 30<sup>th</sup> *TABU Dag* international linguistics conference (Groningen: June 11 and 12, 2009; about 175 participants).

### Commissions of trust and coordination

- Since 2018            **Vice-chairman of *De Jonge Akademie***, Royal Netherlands Academy of Arts and Sciences (KNAW).
- Since 2017            **Member of the Curriculum Committee CIW**, University of Groningen (UG).
- Since 2017            **Initiator and chair of the Young ARts Network**, UG
- Since 2017            **Member of the scientific advisory committee of “Sprekend Nederland”**, NPO.
- Since 2016            **Chair of the science policy committee of the *De Jonge Akademie***, KNAW.
- Since 2016            **Member of the CLCG Linguistics Lunches committee**, Faculty of Arts, UG.
- Since 2015            **Member of the Research Data Committee** of the Faculty of Arts, UG.
- Since 2014            **Member of the international steering committee of the *Methods in Dialectology* conference series** (the next conference will be held in Mainz, 2020).
- 2015 – 2017        **Member of the grant decision committee of *De Jonge Akademie***, KNAW.
- 2015 – 2016        **Member of the selection committee for the Young Academy Groningen**, UG.
- 2011                **Member of the selection committee** for three PhD positions at the Center for Language and Cognition Groningen, UG.
- 2010 – 2011        **Member of the CLCG colloquium organization committee**, UG.
- 2008 – 2012        **Member of the editorial advisory board** of the university newspaper (UK), UG.
- 2005 – 2012        **Initiator and Coordinator** of the ‘*Examentraining VWO*’ of the *UG/Progress Onderwijsondersteuning*. Since 2010, the project had a yearly budget of about € 200,000 with a yearly profit of approximately € 60,000. I was responsible for the management of the entire project (e.g., hiring teachers, PR, etc.).
- 2003 – 2004        **Student member of the University Council**, UG.
- 2002 – 2007        **Member of several UG committees**, such as the UG ICT Strategy committee.



## Scientific reviewer

- Ext. member supervisory committee of Stefano De Pascale, KU Leuven (since 2018).
- Reviewer for the *Fonds Wetenschappelijk Onderzoek – Vlaanderen* (2018).
- Reviewer for the *Social Sciences and Humanities Research Council of Canada* (2018).
- Referee for the *Netherlands Institute for Advanced Study* (since 2017).
- International member of one of 11 Multidisciplinary Assessment Committee (MAC) of the *Canada Foundation for Innovation*. In the 2017 round, the MACs were in charge of evaluating interdisciplinary research investment proposals with the goal of distributing over **550 million CAD\$** in funding.
- Reviewer for the European Research Council (ERC Starting Grant, 2016).
- Member of the dissertation reading committee of Dr. Junru Wu (Leiden, promotores: Prof. Niels Schiller and Prof. Vincent van Heuven, co-promotor: Dr. Yiya Chen; promotion: 2015).
- Reviewer for the German Research Foundation (DFG; 2014 and 2015).
- International member of the Linguistics review panel, Hungarian Scientific Research Fund (2014, invited in 2015).
- Reviewer for the Hungarian Scientific Research Fund (2012 and 2013).
- Ad-hoc reviewer for various journals, including: *Cognitive Linguistics*, *IEEE Transactions on Education*, *Journal of Phonetics*, *Journal of the Acoustical Society of America*, *Language*, *Language Variation and Change*, *Language Dynamics and Change*, *LLC/Literary and Linguistic Computing*, *Molecular Autism*, *PLOS ONE*, *Psychophysiology* and *PNAS*.

## Research supervision

- Since Oct. 2017      **Co-promotor** of PhD student Masha Medvedeva together with Prof. Michel Vols, University of Groningen.
- Since Sept. 2017      **Co-promotor** of IDEALAB PhD student Jidde Jacobi together with Prof. Ben Maassen, Dr. Roel Jonkers, Dr. Michael Proctor (Macquarie University, Sydney, Australia).
- Since March 2017      **Supervisor** of post-doc Dr. Aki Kunikoshi, University of Groningen.
- Since Jan. 2017      **Co-promotor** of PhD student Bregtje Seton Veld (promotor: Prof. Monika Schmid, University of Essex, United Kingdom).
- Since Jan. 2017      **Co-promotor** of PhD student Sanne Berends (promotor: Prof. Monika Schmid, University of Essex, United Kingdom).
- Since July 2015      **Co-promotor** of PhD student Nienke Meulman (promotor: Prof. Monika Schmid, University of Essex, United Kingdom).
- Since Sept. 2013      **(Co-)supervisor of several bachelor and master students**. Presently, I have (co-)supervised the thesis of master students Pauline Veenstra (MA Applied Linguistics), Kristy James (ReMA Language and Communication Technologies), Obada Zaidany (European Research Master in Clinical Linguistics, EMCL) and Mart Busger op Vollenbroek (MA Information Science, IS), Marita Everhardt (ReMA Language and Cognition) and am supervising Jaap Nanninga (MA IS) and Ryssa Moffat (EMCL).
- 2014 – 2017      **Scientific supervisor** of clinical psychologist in training, Ellen Jas (research report grade 8.5/10, this project also resulted in a collaborative publication).

## Teaching

- Since Feb. 2018      **Methodology and Statistics for Linguistic Research**, Research Master level, about 15 students per year (together with Dr. Antonio Toral)
- Since Oct. 2017      **BCN Advanced (non)linear regression techniques in R**, PhD level, about 30 students per year.
- Since June 2016      **BCN Statistics Course**, PhD level, about 50 students per year.
- Since Feb. 2016      **Statistiek I**, BA level, about 150-250 students per year.
- Since Sept. 2013      **Supervision of PhD and Master students** in individual sessions about how to conduct an appropriate statistical analysis of their data.

## Outreach

### (i) Popular science publications

- "Wie zeggen het vaakst EUHM? Jongens of meisjes?", *Science box*, [Experiment Event](#), De Jonge Akademie, 2018.
- Several contributions (with others), *Young Scientist Wetenschapskalender 2018*, New Scientist.
- Martin & Emma investigate the Dutch dialect landscape, comic, The Young Academy, 2017. Available at <http://www.martijnwieling.nl/comic>.
- Martin & Emma onderzoeken het Nederlandse dialectlandschap, comic, De Jonge Akademie, 2017. Available at <http://www.martijnwieling.nl/strip>.
- "Gebruiken mensen hun ogen om te luisteren?", *Wetenschapskalender kids 2017*, New Scientist.
- "Dialectometrische indeling van de Nederlandse dialecten" (with Peter Kleiweg and John Nerbonne), Nicoline van der Sijs (ed.) *Dialectatlas van het Nederlands*, Prometheus Bert Bakker, Amsterdam, pp. 60-61, 2011.

### (ii) Popular science presentations

- *Taalvariatie en taalverandering in Nederland* (invited), CSG Guido de Brès, Amersfoort, March 10, 2017.
- *My career as a scientist* (invited), KEI to your future event, Groningen, August 16, 2016.
- *Taalvariatie en taalverandering in Nederland* (invited), Theatre festival Oerol, Terschelling, June 13, 2016.
- *Taalvariatie op de tong*, NWO Bessensap, Amsterdam, June 10, 2016.
- *Het verstrijken van de taal*, De Jonge Akademie interscience symposium "Tijd", Amsterdam, April 4, 2016 [with John Nerbonne].
- *Van dialecten tot accenten: variatie en verandering in uitspraak en tongbewegingen*, Nacht van de Kunst en Wetenschap (pop-up lecture), Groningen, June 6, 2015.
- *Talkshow guest* (invited), Stand van Stad, Groningen, September 28, 2014.

### (iii) Media coverage (10 out of 71; see [www.martijnwieling.nl/media](http://www.martijnwieling.nl/media))

1. Taalwetenschapper verstript zijn onderzoek (newspaper), *Dagblad van het Noorden*, December 8, 2017.
2. De stille opmars van ...ehm (newspaper), *NRC & nrc.next*, January 5, 2017.
3. The best age to learn a second language (online), *The Independent*, February 8, 2016.
4. Hoe bewegen tong en lippen bij het spreken? (magazine), *New Scientist*, September 1, 2015.
5. Het dialectverschil zit 'm in de tong (TV), *RTV Noord: Noord Vandaag*, May 12, 2015.
6. Dit is waarom jouw Engels niet goed klinkt (online), *NOS op 3*, May 12, 2015.
7. Nieuw gezicht (newspaper), *De Volkskrant*, May 9, 2015.
8. Wetenschap: de mysteries van de spraak (radio), *NPO Radio 1: NOS - Wetenschap op woensdag*, April 8, 2015.
9. Why we are saying 'uh' less and 'um' more (online), *BBC*, February 8, 2015.
10. To um or to er? Studies probe how brains fill the speech-thought gap (online), *The Times*, October 4, 2014.

## Presentations (80)

### (i) Invited presentations and courses (28)

1. *Generalized additive modeling for phonetics* (course). Humboldt-Universität zu Berlin, Institut für deutsche Sprache und Linguistik, Berlin, Germany, September 3 - 4, 2018.
2. *Statistics for Linguistics* (course). LOT Winter School, Amsterdam, January 8 - 12, 2018.
3. *Generalized additive modeling* (presentation). Institut für Phonetik und Sprachverarbeitung, Ludwig-Maximilians-Universität München, Munich, Germany, December 20, 2017.
4. *Generalized additive modeling* (presentation). Winter School on Multilingualism, Groningen, November 9 - 10, 2017.
5. *Quantitative analyses of dialect variation* (presentation). Meertens Instituut, Amsterdam, October 24, 2017.
6. *Discovering articulatory patterns using generalized additive modeling* (presentation). Dynamic Modeling III workshop, Cologne, Germany, July 18 - 19, 2017.
7. *Generalized additive modeling as a useful tool for dialectometry* (presentation). Sociolectometry Panel, ICLaVE, Málaga, Spain, June 6 - 9, 2017.
8. *Statistics for linguists in R* (course). Istituto di Linguistica Computazionale, Consiglio Nazionale delle Ricerche, Pisa, Italy, May 2 - 5, 2017.
9. *Mixed-effects regression and generalized additive modeling* (course). Centre de Recherche Cerveau & Cognition, Toulouse, France, March 30 - 31, 2017.
10. *Using generalized additive modeling for analyzing articulatory data (and other time series data)* (presentation). 5th International Winterschool "Speech Perception and Production", Chorin, Germany, January 9 - 13, 2017.
11. *Modeling the influence of geography in dialect variation* (presentation). FLAMES-colloquium "Topics for Spatial Statistics", Leuven, Belgium, November 28, 2016.
12. *Investigating language variation quantitatively* (presentation). EuroScience Open Forum 2016, Manchester, United Kingdom, July 23 - 27, 2016.
13. *Pronunciation variation on the tip of the tongue* (presentation). BCN Winter meeting, Groningen, February 11, 2016.
14. *Investigating language variation using articulatory data* (presentation). Netherlands Cancer Institute, Amsterdam, October 13, 2015.
15. *Generalized additive modeling* (course). McGill, Neurocognition of Language Lab, Montréal, Canada, March 20 - 22, 2015.
16. *Mixed-effects regression and generalized additive modeling for linguists* (course). Universität Tübingen, Englisches Seminar, Tübingen, Germany, February 9 - 10, 2015.
17. *Mixed-effects regression and generalized additive modeling for linguists* (course). Universität Oldenburg, Institut für Niederlandistik, Oldenburg, Germany, February 2 - 3, 2015.
18. *Mixed-effects regression and generalized additive modeling for linguists* (course). University of Cambridge, Department of Theoretical and Applied Linguistics, Cambridge, United Kingdom, January 13 - 14, 2015.
19. *Methods in Dialectometry* (presentation). Ghent University, Department of Linguistics, Ghent, Belgium, October 16, 2014.
20. *Comparing pronunciations on the basis of transcriptions and articulatory data* (presentation). Radboud University, Centre for Language Studies, Nijmegen, October 15, 2014.
21. *What the tongue can tell us about dialects?* (presentation). Frontiers of Language Variation Workshop, Methods in Dialectology XV, Groningen, August 11 - 14, 2014.
22. *Generalized additive modeling for linguists* (course). University Leiden, Center of Linguistics, Leiden, July 10 - 11, 2014.
23. *Mixed-effects regression and generalized additive modeling for linguists* (course). Universität Oldenburg, Institut für Niederlandistik, Oldenburg, Germany, June 30 - July 1, 2014.
24. *Introduction to mixed-effects regression for (psycho)linguists* (presentation). IMS Stuttgart, Stuttgart, Germany, December 16, 2013.
25. *Integrating traditional dialectology and sociolinguistics: generalized additive modeling*

- (presentation). New Ways of Analyzing Variation (NWAV) 42, Pittsburgh, USA, October 17 - 20, 2013 [with R. Harald Baayen].
26. *Inducing and using phonetic similarity* (presentation). Language Diversity Conference, Groningen, July 20, 2013 [with John Nerbonne].
  27. *A sociolinguistic analysis of linguistically sensitive dialectal word pronunciation distances* (presentation). Workshop on Computational Approaches to the Study of Dialectal and Typological Variation, ESSLLI 2012, Opole, Poland, August 6 - 10, 2012.
  28. *Mixed-effects regression analyses of eyetracking data* (presentation). Eye-tracking and EEG workshop, Groningen, July 7, 2011.

**(ii) Presentations at conferences, guest lectures and courses (52)**

1. *Introductory course on Advanced Regression Methods for Linguistics* (course). ESSLLI 2018, Sofia, Bulgaria, August 6 - 10, 2018.
2. *Articulatory differences between L1 and L2 speakers of English* (presentation). Conference on Multilingualism, Groningen, November 6 - 9, 2017.
3. *Articulatory differences between L1 and L2 speakers of English* (presentation). 11th International Seminar on Speech Production, Tianjin, China, October 16 - 19, 2017.
4. *Dialect-specific articulatory settings* (presentation). Methods in Dialectology XVI, Tokyo, Japan, August 7 - 11, 2017.
5. *Articulatory differences between L1 and L2 speakers of English* (poster presentation). 7th International Conference on Speech Motor Control, Groningen, July 5 - 8, 2017.
6. *Determinants of English Accents* (presentation). 6th Conference on Quantitative Investigations in Theoretical Linguistics, Tübingen, Germany, November 4 - 6, 2015.
7. *Taalvariatie: patronen in uitspraak en tongbewegingen* (guest lecture). De Jonge Akademie meeting, Groningen, September 21, 2015.
8. *Investigating dialectal differences using articulography* (poster presentation). 18th International Congress of Phonetic Sciences, Glasgow, United Kingdom, August 10 - 14, 2015.
9. *Analyzing time series data using generalized additive modeling* (course). LSA Institute, Chicago, USA, July 6 - 17, 2015 [with Jacolien van Rij].
10. *Measuring foreign accent strength* (guest lecture). University of Cambridge, Department of Theoretical and Applied Linguistics, Cambridge, United Kingdom, January 13, 2015.
11. *Patterns of language variation* (guest lecture). Digital Humanities Day 2014, Groningen, October 31, 2014.
12. *Gabmap tutorial* (guest lecture). Ghent University, Department of Linguistics, Ghent, Belgium, October 15, 2014.
13. *Comparing dialect and accented pronunciations on the basis of transcriptions and articulography* (guest lecture). McGill, Center of Research on Brain, Language and Music, Montréal, Canada, September 18, 2014.
14. *Analyzing linguistic time-series data with generalized additive modeling in R: a case study using ERP data* (guest lecture). McGill, Motor Control Laboratory, Montréal, Canada, September 17, 2014.
15. *Comparing dialect and accented pronunciations on the basis of transcriptions and articulography* (guest lecture). Linguistic Data Consortium, Philadelphia, USA, September 12, 2014.
16. *Generalized additive models in R* (guest lecture). Haskins Laboratories, New Haven, USA, September 9, 2014.
17. *Validating and using the PMI-based Levenshtein distance as a measure of foreign accent strength* (poster presentation). Methods in Dialectology XV, Groningen, August 11 - 15, 2014 [best poster award].



18. *Accessing large dialect databases on RADAR* (presentation). Methods in Dialectology XV, Groningen, August 11 - 14, 2014 [with Clive Upton].
19. *Large-scale analysis of articulatory trajectories using generalized additive modeling* (poster presentation). 10th International Seminar on Speech Production, Cologne, Germany, May 5 - 8, 2014.
20. *Comparing pronunciations on the basis of transcriptions and articulography* (guest lecture). University College London, Department of Speech Hearing and Phonetic Sciences, London, United Kingdom, April 8, 2014.
21. *Articulography for studying language variation* (guest lecture). Haskins Laboratories, New Haven, USA, October 24, 2013.
22. *Articulography for studying language variation* (guest lecture). City University New York, Speech Production, Acoustics and Perception Laboratory, New York, USA, October 16, 2013.
23. *A cognitively grounded measure of pronunciation distance* (presentation). Donders Workshop, Radboud University, Nijmegen, September 23, 2013 - March 13, 2018.
24. *A cognitively grounded automatic measure of pronunciation distance* (presentation). 5th Conference on Quantitative Investigations in Theoretical Linguistics, Leuven, Belgium, September 12 - 14, 2013.
25. *Hierarchical spectral partitioning of bipartite graphs to cluster dialects and identify distinguishing features* (guest lecture). Istituto di Linguistica Computazionale, Consiglio Nazionale delle Ricerche, Pisa, Italy, July 17, 2013.
26. *Comparing pronunciation on the basis of transcriptions and articulography* (guest lecture). Università di Pisa, Dipartimento di Filologia, Letteratura e Linguistica, Pisa, Italy, July 16, 2013.
27. *Mixed-effects regression and generalized additive modeling in linguistics* (course). LOT Summer School, Groningen, June 24 - 28, 2013 [with Jacolien van Rij].
28. *Co-clustering varieties and linguistic features using bipartite spectral graph partitioning* (poster presentation). Forum Sprachvariation, Erlangen, Germany, October 14 - 15, 2012.
29. *Lexical differences between Tuscan dialects and standard Italian: a sociolinguistic analysis using generalized additive mixed modeling* (presentation). Leuven Statistics Days, Leuven, Belgium, June 7 - 8, 2012.
30. *A quantitative investigation of English accents* (poster presentation). BCN New Year's Meeting, Groningen, February 2, 2012 [**best poster award**].
31. *Segment distances and foreign accents* (guest lecture). LOT Winter School, Tilburg, January 12, 2012.
32. *Gabmap tutorial* (guest lecture). Göteborgs Universitet, Gothenburg, Sweden, October 26, 2011 [with John Nerbonne and Therese Leinonen].
33. *Inducing a measure of phonetic similarity from dialect variation* (presentation). Workshop on Comparing Approaches to Measuring Linguistic Differences, Gothenburg, Sweden, October 24 - 25, 2011.
34. *A sociolinguistic analysis of aggregate dialect distances* (presentation). Methods in Dialectology XIV, London (ON), Canada, August 1 - 5, 2011.
35. *A sociolinguistic analysis of dialect distances* (poster presentation). BCN New Year's Meeting, Groningen, February 17, 2011.
36. *On the sublinear distribution of linguistic variation with respect to geography* (presentation). Forum Sprachvariation, Erlangen, Germany, October 14 - 15, 2010.
37. *Dialectometry and hierarchical bipartite spectral graph partitioning* (guest lecture). Makerere University, Department of Machine Learning, Kampala, Uganda, September 23, 2010.
38. *Text Manipulation and Hidden Markov Models* (course). Makerere University, College of Computing and Information Sciences, Kampala, Uganda, September 20 - 22, 2010.
39. *Modelling geography's influence on language variation: calibrating linguistic measurements*

- (presentation). Cultural Evolution in Spatially Structured Populations Conference, London, United Kingdom, September 13 - 15, 2010.
40. *Dialectometry in Groningen* (guest lecture). University of Alberta, Department of Linguistics, Edmonton, Canada, August 11, 2010.
  41. *Hierarchical bipartite spectral graph partitioning to cluster dialect varieties and determine their most important linguistic features* (presentation). TextGraphs-5 ACL Workshop, Uppsala, Sweden, July 16, 2010.
  42. *A graph-theoretic analysis of English dialects* (presentation). Bloomsday 2010: Echoes of Albion Workshop, Groningen, June 16, 2010.
  43. *On the sublinear distribution of linguistic variation with respect to geography* (presentation). 31st TABU Dag, Groningen, June 3 - 4, 2010.
  44. *Co-clustering varieties and linguistic features using bipartite spectral graph partitioning* (presentation). Computational Linguistics in The Netherlands 20, Utrecht, February 5, 2010 - March 13, 2018.
  45. *Understanding Séguý's law: on the sublinear distribution of linguistic variation with respect to geography* (presentation). Past and Present Processes of Dialect Convergence: Data and Methods, Amsterdam, February 4, 2010 [with John Nerbonne].
  46. *Bipartite spectral graph partitioning to co-cluster varieties and sound correspondences in dialectology* (presentation). TextGraphs-4 ACL Workshop, Singapore, August 7, 2009.
  47. *Tools for detecting geographical and structural affinities* (presentation). Workshop on Small Tools for Cross-Linguistic Research, Utrecht, June 15 - 16, 2009.
  48. *Evaluating the pairwise string alignment of pronunciation* (presentation). EACL Workshop on Language Technology and Resources for Cultural Heritage, Social Sciences, Humanities, and Education, Athens, Greece, March 30, 2009.
  49. *Evaluation of pairwise string alignment methods* (presentation). Computational Linguistics in the Netherlands 19, Groningen, January 22, 2009.
  50. *Dialect pronunciation comparison using the Goeman-Taeldeman-Van Reenen-project data* (presentation). Computational Linguistics in the Netherlands 17, Leuven, Belgium, January 12, 2007.
  51. *Parsing partially bracketed input* (presentation). Computational Linguistics in the Netherlands 16, Amsterdam, December 16, 2005.
  52. *Gabor filtering augmented with surround inhibition for improved contour detection by texture suppression* (poster presentation). 27th Annual Meeting of the European Conference on Visual Perception, Budapest, Hungary, August 22 - 26, 2004.

**Publications** (71; first author: 34; submitted: 2; book contract: 1)

(i) **Peer-reviewed publications in scientific journals** (38; first author: 17; submitted: 1)

1. Irshad, M., Keijzer, M., **Wieling, M.**, & Verspoor, M. (**submitted**, 2018/03/13). Self-paced second language development vs. teacher directed second language learning. *Language Learning & Technology*.
2. **Wieling, M.** (2018, forthcoming). Analyzing dynamic phonetic data using generalized additive mixed modeling: a tutorial focusing on articulatory differences between L1 and L2 speakers of English. *Journal of Phonetics*.
3. Jas, E., & **Wieling, M.** (2018). Providers' competencies positively affect personal recovery of involuntarily admitted patients with severe mental illness: A prospective observational study. *International Journal of Social Psychiatry*, 64(2), 145 - 155.
4. Gulbinaite, R., van Viegen, T., **Wieling, M.**, Cohen, M., & VanRullen, R. (2017). Individual alpha peak frequency predicts 10 Hz flicker effects on selective attention. *The Journal of*

- Neuroscience*, 37(42), 10173 - 10184.
5. Stec, K., Huiskes, M., [Wieling, M.](#), & Redeker, G. (2017). Multimodal character viewpoint in quoted dialogue sequences. *Glossa: a journal of general linguistics*, 2(1), 39.
  6. Arantzeta, M., Bastiaanse, R., Burchert, F., [Wieling, M.](#), Zabaleta, M. M., & Laka, I. (2017). Eye-tracking the effect of word order in sentence comprehension in aphasia: Evidence from Basque, a free word order ergative language. *Language, Cognition and Neuroscience*, 32(10), 1320 - 1343.
  7. [Wieling, M.](#), & Tiede, M. (2017). Quantitative identification of dialect-specific articulatory settings. *Journal of the Acoustical Society of America*, 142(1), 389 - 394.
  8. Nissim, M., Abzianidze, L., Evang, K., van der Goot, R., Haagsma, H., Plank, B., & [Wieling, M.](#) (2017). Sharing is caring: the future of shared tasks. *Computational Linguistics*, 43(4), 897 - 904.
  9. Winter, B., & [Wieling, M.](#) (2016). How to analyze linguistic change using mixed models, growth curve analysis and generalized additive modeling. *Journal of Language Evolution*, 1(1), 7 - 18.
  10. [Wieling, M.](#), Grieve, J., Bouma, G., Fruehwald, J., Coleman, J., & Liberman, M. (2016). Variation and change in the use of hesitation markers in Germanic languages. *Language Dynamics and Change*, 6(2), 199 - 234.
  11. Sun, H., Steinkrauss, R., [Wieling, M.](#), & de Bot, K. (2016). Individual differences in very young Chinese children's English vocabulary breadth and semantic depth: internal and external factors. *International Journal of Bilingual Education and Bilingualism*, 19(3), 550 - 556.
  12. [Wieling, M.](#), Tomaschek, F., Arnold, D., Tiede, M., Bröker, F., Thiele, S., Wood, S. N., & Baayen, R. H. (2016). Investigating dialectal differences using articulatory data. *Journal of Phonetics*, 59, 122 - 143.
  13. Groenewold, R., Bastiaanse, R., Nickels, L., [Wieling, M.](#), & Huiskes, M. (2015). The differential effects of direct and indirect speech on discourse comprehension in Dutch and English listeners with and without aphasia. *Aphasiology*, 29(6), 685 - 704.
  14. [Wieling, M.](#), & Nerbonne, J. (2015). Advances in dialectometry. *Annual Review of Linguistics*, 1, 243-264.
  15. Meulman, N., [Wieling, M.](#), Sprenger, S., Stowe, L., & Schmid, M. (2015). Age effects in L2 grammar processing as revealed by ERPs and how (not) to study them. *PLOS ONE*, 10(12), e0143328.
  16. Bastiaanse, R., [Wieling, M.](#), & Wolthuis, N. (2015). The role of frequency in the retrieval of nouns and verbs in aphasia. *Aphasiology*, 30(11), 1221 - 1239.
  17. [Wieling, M.](#), Upton, C., & Thompson, A. (2014). Analyzing the BBC Voices data: contemporary English dialect areas and their characteristic lexical variants. *Literary and Linguistic Computing*, 29(1), 107 - 117.
  18. Ko, V., [Wieling, M.](#), Wit, E., Nerbonne, J., & Krijnen, W. (2014). Social, geographical, and lexical influence on Dutch dialect pronunciations. *Computational Linguistics in the Netherlands Journal*, 4(2), 253 - 269.
  19. [Wieling, M.](#), Nerbonne, J., Bloem, J., Gooskens, C., Heeringa, W., & Baayen, R. H. (2014). A cognitively grounded measure of pronunciation distance. *PLOS ONE*, 9(1), e75734.
  20. Groenewold, R., Bastiaanse, R., Nickels, L., [Wieling, M.](#), & Huiskes, M. (2014). The effects of direct and indirect speech on discourse comprehension in Dutch listeners with and without aphasia. *Aphasiology*, 28(7), 862 - 884.
  21. [Wieling, M.](#), Bloem, J., Mignella, K., Timmermeister, M., & Nerbonne, J. (2014). Measuring foreign accent strength in English: validating Levenshtein distance as a measure. *Language Dynamics and Change*, 4(2), 253 - 269.
  22. [Wieling, M.](#), Montemagni, S., Nerbonne, J., & Baayen, R. H. (2014). Lexical differences between Tuscan dialects and standard Italian: accounting for geographic and socio-demographic

- variation using generalized additive mixed modeling. *Language*, 90(3), 669 - 692.
23. Loerts, H., [Wieling, M.](#), & Schmid, M. (2013). Neuter is not common in Dutch: eye movements reveal asymmetrical gender processing. *Journal of Psycholinguistic Research*, 42(6), 551 - 570.
  24. Blankevoort, G., Scherder, E., [Wieling, M.](#), Hortobágyi, T., Brouwer, W., Geuze, R., & van Heuvelen, M. (2013). Physical predictors of cognitive performance in healthy older adults: a cross-sectional analysis. *PLOS ONE*, 8(7), e70799.
  25. Valls, E., [Wieling, M.](#), & Nerbonne, J. (2013). Linguistic advergence and divergence in north-western Catalan: a dialectometric investigation of dialect leveling and border effects. *Literary and Linguistic Computing*, 28(1), 119 - 146.
  26. Montemagni, S., [Wieling, M.](#), de Jonge, B., & Nerbonne, J. (2013). Synchronic patterns of Tuscan phonetic variation and diachronic change: evidence from a dialectometric study. *Literary and Linguistic Computing*, 28(1), 157 - 172.
  27. [Wieling, M.](#), Shackleton Jr., R. G., & Nerbonne, J. (2013). Analyzing phonetic variation in the traditional English dialects: simultaneously clustering dialects and phonetic features. *Literary and Linguistic Computing*, 28(1), 31 - 41.
  28. Valls, E., Nerbonne, J., Prokić, J., [Wieling, M.](#), Clua, E., & Lloret, M. (2012). Applying the Levenshtein distance to Catalan dialects: a brief comparison of two dialectometric approaches. *Verba. Anuario Galego de Filoloxía*, 39, 35 - 61.
  29. [Wieling, M.](#), Margaretha, E., & Nerbonne, J. (2012). Inducing a measure of phonetic similarity from pronunciation variation. *Journal of Phonetics*, 40(2), 307 - 314.
  30. [Wieling, M.](#), & Nerbonne, J. (2011). Bipartite spectral graph partitioning for clustering dialect varieties and detecting their linguistic features. *Computer Speech and Language*, 25(3), 700 - 715.
  31. [Wieling, M.](#), & Nerbonne, J. (2011). Measuring linguistic variation commensurably. *Dialectologia*, Special Issue II: Production & Perception and Attitude, 141 - 162.
  32. [Wieling, M.](#), Nerbonne, J., & Baayen, R. H. (2011). Quantitative social dialectology: explaining linguistic variation geographically and socially. *PLOS ONE*, 6(9), e23613.
  33. [Wieling, M.](#), Margaretha, E., & Nerbonne, J. (2011). Inducing phonetic distances from dialect variation. *Computational Linguistics in the Netherlands Journal*, 1, 109 - 118.
  34. [Wieling, M.](#), & Hofman, A. (2010). The impact of online video lecture recordings and automated feedback on student performance. *Computers and Education*, 54(4), 992 - 998.
  35. Williams, K., Park, J., & [Wieling, M.](#) (2010). The face reveals athletic flair: better National Football League quarterbacks are better looking. *Personality and Individual Differences*, 48, 112 - 116.
  36. Park, J., [Wieling, M.](#), Buunk, B., & Massar, K. (2008). Sex-specific relationship between digit ratio (2D:4D) and romantic jealousy. *Personality and Individual Differences*, 44, 1039 - 1045.
  37. [Wieling, M.](#), Heeringa, W., & Nerbonne, J. (2007). An aggregate analysis of pronunciation in the Goeman-Taeldeman-van Reenen-Project data. *Taal en Tongval*, 59, 84 - 116.
  38. Park, J., Buunk, B., & [Wieling, M.](#) (2007). Does the face reveal athletic flair? Positions in team sports and facial attractiveness. *Personality and Individual Differences*, 43, 1960 - 1965.

**(ii) Peer-reviewed publications in edited books** (9; first author: 4)

1. [Wieling, M.](#), Valls, E., Baayen, R. H., & Nerbonne, J. (2018, forthcoming). Border effects among Catalan dialects. In: Dirk Speelman, Kris Heylen, & Dirk Geeraerts (eds.) *Mixed Effects Regression Models in Linguistics*. Berlin: Springer (Quantitative methods in the Humanities and Social Sciences).
2. Nerbonne, J., & [Wieling, M.](#) (2018). Statistics for aggregate variationist analyses. In: Charles Boberg, John Nerbonne, & Dominic Watt (eds.) *Handbook of Dialectology*. Boston: Wiley, pp. 400 - 414.

3. [Wieling, M.](#), & Montemagni, S. (2016). Tracking linguistic features underlying lexical variation patterns: a case study on Tuscan dialects. In: Marie-Hélène Côté, Remco Knooihuizen, & John Nerbonne (eds.) *The Future of Dialects*. Berlin: Language Science Press (Language Variation), pp. 117 - 134.
4. [Wieling, M.](#), & Montemagni, S. (2016). Infrequent forms: noise or not?. In: Marie-Hélène Côté, Remco Knooihuizen, & John Nerbonne (eds.) *The Future of Dialects*. Berlin: Language Science Press (Language Variation), pp. 215 - 224.
5. Bloem, J., [Wieling, M.](#), & Nerbonne, J. (2016). Automatically identifying characteristic features of non-native English accents. In: Marie-Hélène Côté, Remco Knooihuizen, & John Nerbonne (eds.) *The Future of Dialects*. Berlin: Language Science Press (Language Variation), pp. 155 - 172.
6. [Wieling, M.](#) (2013). Voices dialectometry at the University of Groningen. In: Clive Upton, & Bethan Davies (eds.) *Analysing 21st-century British English: Conceptual and Methodological Aspects of the BBC 'Voices' Project*. London: Routledge, pp. 208 - 218.
7. Nerbonne, J., van Ommen, S., Gooskens, C., & [Wieling, M.](#) (2013). Measuring socially motivated pronunciation differences. In: Lars Borin, & Anju Saxena (eds.) *Approaches to Measuring Linguistic Differences*. Berlin: Mouton De Gruyter, pp. 107 - 140.
8. Nerbonne, J., Prokić, J., [Wieling, M.](#), & Gooskens, C. (2010). Some further dialectometrical steps. In: Gotzon Aurrekoexea, & José Luis Ormaetxea (eds.) *Tools for Linguistic Variation*. Bilbao: Supplements of the Anuario de Filologia Vasca "Julio de Urquijo", pp. 41 - 56.
9. Heeringa, W., [Wieling, M.](#), van den Berg, B., & Nerbonne, J. (2009). A quantitative examination of variation in Dutch Low Saxon morphology. In: Alexandra Lenz, Charlotte Gooskens, & Siemon Reker (eds.) *Low Saxon Dialects across Borders - Niedersächsische Dialekte über Grenzen hinweg*. Stuttgart: Franz Steiner Verlag (ZDL-Beiheft 138), pp. 195 - 216.

(iii) *Peer-reviewed publications in conference proceedings (full papers)* (20; first author: 11; submitted: 1)

1. Medvedeva, M., Vols, M., & [Wieling, M.](#) (submitted, 2018/02/28). Judicial decisions of the European Court of Human Rights: looking into the crystal ball. Proceedings of the Conference on Empirical Legal Studies in Europe 2018.
2. Cimino, A., [Wieling, M.](#), Dell'Orletta, F., Montemagni, S., & Venturi, G. (2017). Identifying predictive features for textual genre classification: the key role of syntactic features. Proceedings of the Fourth Italian Conference on Computational Linguistics, Paper 39.
3. Sivaraman, G., Espy-Wilson, C., & [Wieling, M.](#) (2017). Analysis of acoustic-to-articulatory speech inversion across different accents and languages. Proceedings of Interspeech 2017, pp. 974 - 978.
4. Kulmizev, A., Blankers, B., Bjerva, J., Nissim, M., van Noord, G., Plank, B., & [Wieling, M.](#) (2017). The power of character n-grams in native language identification. Proceedings of the 12th Workshop on Innovative Use of NLP for Building Educational Applications, pp. 382 - 389.
5. [Wieling, M.](#), Veenstra, P., Adank, P., & Tiede, M. (2017). Articulatory differences between L1 and L2 speakers of English. Proceedings of the 11th International Seminar on Speech Production, Paper 1.
6. [Wieling, M.](#), Sassolini, E., Cucurullo, N., & Montemagni, S. (2016). ALT Explored: integrating an online dialectometric tool and an online dialect atlas. Proceedings of LREC 2016, pp. 3265 - 3272.
7. James, K., & [Wieling, M.](#) (2016). Read my points: effect of animation type when speech-reading from EMA data. Proceedings of the 14th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology, pp. 87 - 92.



8. [Wieling, M.](#), Veenstra, P., Adank, P., Weber, A., & Tiede, M. (2015). Comparing L1 and L2 speakers using articulatory. Proceedings of ICPhS 2015, Paper 551.
9. [Wieling, M.](#), Bloem, J., Baayen, R. H., & Nerbonne, J. (2015). Determinants of English accents. Proceedings of the 6th Conference on Quantitative Investigations in Theoretical Linguistics, doi: 10.15496/publikation-8628.
10. [Wieling, M.](#), Tomaschek, F., Arnold, D., Tiede, M., & Baayen, R. H. (2015). Investigating dialectal differences using articulatory. Proceedings of ICPhS 2015, Paper 231.
11. Dell'Orletta, F., [Wieling, M.](#), Cimino, A., Venturi, G., & Montemagni, S. (2014). Assessing the readability of sentences: which corpora and features?. Proceedings of the 9th Workshop on Innovative Use of NLP for Building Educational Applications, pp. 163 - 173.
12. Tomaschek, F., Tucker, B. V., [Wieling, M.](#), & Baayen, R. H. (2014). Vowel articulation affected by word frequency. Proceedings of the 10th International Seminar on Speech Production, pp. 429 - 432.
13. Tomaschek, F., [Wieling, M.](#), Arnold, D., & Baayen, R. H. (2013). Word frequency, vowel length and vowel quality in speech production: an EMA study of the importance of experience. Proceedings of Interspeech 2013, pp. 1302 - 1306.
14. [Wieling, M.](#), & Nerbonne, J. (2010). Hierarchical spectral partitioning of bipartite graphs to cluster dialects and identify distinguishing features. Proceedings of the 2010 Workshop on Graph-based Methods for Natural Language Processing, pp. 33 - 41.
15. [Wieling, M.](#), Prokić, J., & Nerbonne, J. (2009). Evaluating the pairwise string alignment of pronunciations. Proceedings of the EACL 2009 Workshop on Language Technology and Resources for Cultural Heritage, Social Sciences, Humanities, and Education, pp. 26 - 34.
16. [Wieling, M.](#), & Nerbonne, J. (2009). Bipartite spectral graph partitioning to co-cluster varieties and sound correspondences in dialectology. Proceedings of the 2009 Workshop on Graph-based Methods for Natural Language Processing, pp. 14 - 22.
17. Prokić, J., [Wieling, M.](#), & Nerbonne, J. (2009). Multiple sequence alignments in linguistics. Proceedings of the EACL 2009 Workshop on Language Technology and Resources for Cultural Heritage, Social Sciences, Humanities, and Education, pp. 18 - 25.
18. [Wieling, M.](#), & Nerbonne, J. (2007). Dialect pronunciation comparison and spoken word recognition. Proceedings of the RANLP 2007 Workshop on Computational Phonology, pp. 71 - 78.
19. [Wieling, M.](#), Leinonen, T., & Nerbonne, J. (2007). Inducing Sound Segment Differences using Pair Hidden Markov Models. Proceedings of Ninth Meeting of the ACL Special Interest Group in Computational Morphology and Phonology, pp. 48 - 56.
20. [Wieling, M.](#), Nederhof, M., & van Noord, G. (2006). Parsing partially bracketed input. Proceedings of the Sixteenth Computational Linguistics in the Netherlands, pp. 1 - 16.

(iv) **Books** (3; first author: 2; book contract: 1)

1. Grieve, J., & [Wieling, M.](#) (under contract, ~2020). *Regional Dialectology: Quantitative Approaches using R*. Cambridge University Press. Book contract signed: May 2017.
2. [Wieling, M.](#), Kroon, M., van Noord, G., & Bouma, G. (eds.) (2017). *From Semantics to Dialectometry. Festschrift in Honor of John Nerbonne*. Tributes 32, College Publications. 418 pp.
3. [Wieling, M.](#) (2012). *A Quantitative Approach to Social and Geographical Dialect Variation*. PhD thesis, University of Groningen. 178 pp.


(v) **R package** (1)

1. van Rij, J., [Wieling, M.](#), Baayen, R. H., & van Rij, H. (2017). *itsadug: Interpreting Time Series*

and Autocorrelated Data Using GAMMs. Version 2.3.

## Impact (h-index and most-cited publications)

Google Scholar
Q SIGN IN



### Martijn Wieling

Assistant Professor (tenured), [University of Groningen](#)  
 Verified email at rug.nl - [Homepage](#)  
[Speech production](#) [Statistics](#) [Language variation](#)  
[Dialectometry](#) [Corpus Linguistics](#)

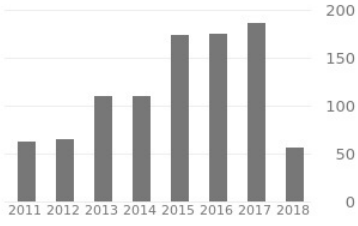
[FOLLOW](#)

[GET MY OWN PROFILE](#)


TITLE	CITED BY	YEAR
<a href="#">The impact of online video lecture recordings and automated feedback on student performance</a> <small>MB Wieling, WHA Hofman Computers &amp; Education 54 (4), 992-998</small>	159	2010
<a href="#">Quantitative Social Dialectology: Explaining Linguistic Variation Geographically and Socially</a> <small>M Wieling, J Nerbonne, RH Baayen PloS one 6 (9), e23613</small>	67	2011
<a href="#">Bipartite spectral graph partitioning for clustering dialect varieties and detecting their linguistic features</a> <small>M Wieling, J Nerbonne Computer Speech &amp; Language 25 (3), 700-715</small>	61	2011
<a href="#">Evaluating the pairwise string alignment of pronunciations</a> <small>M Wieling, J Prokić, J Nerbonne Proceedings of the EACL 2009 Workshop on Language Technology and Resources ...</small>	54	2009
<a href="#">Inducing a measure of phonetic similarity from pronunciation variation</a> <small>M Wieling, E Margaretha, J Nerbonne Journal of Phonetics 40 (2), 307-314</small>	47	2012
<a href="#">Multiple sequence alignments in linguistics</a> <small>J Prokić, M Wieling, J Nerbonne Proceedings of the EACL 2009 Workshop on Language Technology and Resources ...</small>	40	2009

#### Cited by


	All	Since 2013
Citations	1064	820
h-index	17	16
i10-index	34	28




#### Co-authors

- 


**John Nerbonne**  
CLCG, University of Groningen

>
- 


**Harald Baayen**  
Professor of Quantitative Ling...

>
- 

**Simonetta Montemagni**  
Director of Research, Istituto ...

>
- 

**Jelke Bloem**  
University of Amsterdam

>
- 

**Fabian Tomaschek**  
University of Tübingen

>