Curriculum vitae: Martijn Wieling

Personal information

Date of birth: March 18, 1981
Place of birth: Emmen
Nationality: Dutch
Phone: +31 6 100 950 21
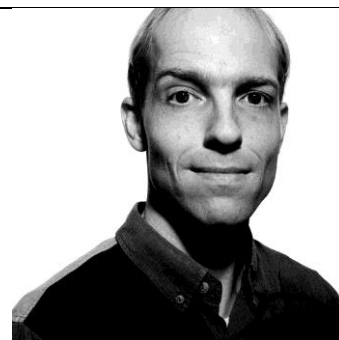E-mail: m.b.wieling@rug.nl
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Photo: Jérôme Schlomoff

Education

2017   **University Teaching Qualification**, University of Groningen
2012   **PhD degree in Linguistics** (*cum laude*), Faculty of Arts, University of Groningen
        Dissertation title: *A Quantitative Approach to Social and Geographical Dialect Variation*.
        Promotores: Prof.dr.ir. John Nerbonne (University of Groningen / Universität Freiburg)
        and Prof.dr. R. Harald Baayen (Eberhard Karls 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.

Current university position

Since 6/2015   **Assistant Professor** (0.75 fte, with tenure), Department of Information Science, Faculty
                of Arts, University of Groningen, the Netherlands. Until August 2017, I am working
                on my four-year **NWO Veni grant post-doctoral research project** *Improving
                speech learning models and English pronunciation with articulography*.

Previous university positions

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*. My task was to help with the data analysis using generalized
               additive modeling.
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 articulography.
               Faculty of Arts, University of Groningen, the Netherlands.
2013 – 2014   **Post-doc** (0.20 fte) with Prof.dr. 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.dr. R.
               Harald Baayen. Project title: *Investigating language variation physically*.
               Department of Quantitative Linguistics, University of Tübingen, Germany.
2005 – 2012   **Initiator and Coordinator** of the *'Examentraining VWO'* of the University of
               Groningen (http://www.examentrainingvwo.nl). UOCG Market BV / University of
               Groningen. *Since 2010, the project had a yearly budget of about € 200,000 with a
               yearly profit of approximately € 60,000. Together with a colleague (and alone since
               2011), I was responsible for the management of the entire project (e.g., hiring
               teachers, public relations and coordinating study material development).*

Research grants, fellowships, honors and awards (> €550.000)

2017   *Stichting Groninger Universiteitsfonds* **grant** for purchasing a high-speed ultrasound
               device and control laptop **(~ € 13,750**; PI).

2017	*De Jonge Akademie* **project grant** for conducting a study on the effectiveness for pronunciation training of visual feedback of the tongue using ultrasound (€ 4000; PI).
2017	**Nvidia Hardware Grant**, Titan X Pascal GPU (~€ 1400).
2017	**Interdisciplinary PhD position**, Young Academy of Groningen, **(~ € 120,000**; co-PI (50%) together with Michel Vols, Faculty of Law), University of Groningen.
2016	**Digital Humanities Explored Project Grant**, University of Groningen **(€ 35,000**; PI).
2016	**Nvidia Hardware Grant**, Titan X GPU (~€ 1000).
2016	**European Young Research Award**, EuroScience, see http://www.euroscience.org/news/european-young-researchers-award-eyra-2016.
2016	Founding member of the **Young Academy of Groningen**.
2016	*De Jonge Akademie* **project grant** for the creation and publication of a comic to illustrate one of the results of my articulography research to the general public (€ 4000; PI).
2016	**Research proposal writing grant**, Faculty of Arts, University of Groningen (€ 5000; PI).
2015	*De Jonge Akademie* **project grant** for a collaborative project with Marleen Kamperman, Johan van Leeuwaarden and Jan-Willem Veening. The goal of this project is to illustrate 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 (€ 6000; co-applicant).
2015	**VIVIS project grant** (*Vereniging van Instellingen voor mensen met een Visuele beperking*) to investigate the efficacy of automatic speech recognition software for people who have been blind since their birth. I am supervising researcher Pauline Veenstra, MA, who is conducting the research **(€50,000**; PI).
2015	**Short Term Mobility Grant** of the Consiglio Nazionale delle Ricerche awarded for a two-week research visit to Istituto di Linguistica Computatazionale, Consiglio Nazionale Ricerche, Pisa (€ 2100; PI).
2015	*De Jonge Akademie* **project grant** for a collaborative project on mapping with Bettina Speckmann (€ 8000; PI).
2015	**Member** of the Young Academy (*De Jonge Akademie*).
2014	**Opas-Hänninen prize for best young scholar's poster** at the Methods in Dialectology XV conference, Groningen (€ 500).
2013	**NWO Veni Award** (Netherlands Organisation for Scientific Research) for a four-year post-doc appointment at the University of Groningen **(€ 250,000**; an additional € 50,000 was contributed by the Faculty of Arts of the University of Groningen; PI).
2013	**Short Term Mobility Grant** of the Consiglio Nazionale delle Ricerche awarded for a two-week research visit to Istituto di Linguistica Computatazionale, Consiglio Nazionale Ricerche, Pisa (€ 2,100; PI).
2012	**NWO Rubicon Fellowship** (Netherlands Organisation for Scientific Research) for a one-year post-doc appointment at the University of Tübingen (~ **€ 60,000**; PI).
2012	**Best Poster Award** at the BCN New Year's Meeting (€ 50).
2011	**Short Term Mobility Grant** of the Consiglio Nazionale delle Ricerche awarded for a two-week research visit to Istituto di Linguistica Computatazionale, Consiglio Nazionale Ricerche, Pisa (€ 2,100; PI).
2010	**Contribution awarded by UCL to attend the AHRC CECD 2010 Summer School** in London on Modelling of spatial diffusion and dispersal processes in social science (€ 400).
2006	**Individual monthly scholarship** awarded by the board of BCN to the best four students for the duration of the second year of the MSc Behavioral Cognitive Neurosciences (total: € 2,220).

International collaborations

2017 – 2020	Research collaboration with **Dr. Stefanie Keulen**, University of Brussels, Belgium, investigating feedback mechanisms in Childhood Apraxia of Speech patients. This project is funded by the Flemish Research Organization (postdoctoral fellowship grant).

May 2017	Research collaboration in Groningen on automatic detection of lip movement using video recordings of speakers with **Dr. Helen L. Bear**, University of East London, UK.
June – August 2016	Research collaboration in Groningen on acoustic-to-articulatory inversion with **Ganesh Sivaraman**, PhD student at the University of Maryland, USA.
June – August 2016	Research collaboration in Groningen on analysis of articulatory data with **Sean Veld**, PhD student at Macquarie University, Sydney, Australia.
April 2016	Research collaboration on articulography with **Dr. Mark Tiede, Haskins Laboratories, New Haven, United States** (1 week).
April 2016	Research collaboration on generalized additive modeling analysis with **Prof.dr. Simon Wood, University of Bristol, United Kingdom** (together with Prof.dr. R. Harald Baayen and Dr. Jacolien van Rij; 1 week).
October 2015	Research collaboration on Tuscan dialectology with **Dr. Simonetta Montemagni, Istituto di Linguistica Computatazionale, Consiglio Nazionale Ricerche, Pisa, Italy** (2 weeks).
September 2014	Research collaboration analyzing articulography data with **Dr. Mark Tiede, Haskins Laboratories, New Haven, United States** (1 week).
April 2014	Research collaboration running articulography experiments with **Dr. Patti Adank, University College London, United Kingdom** (2 weeks).
March 2014	Research collaboration conducting generalized additive modeling statistical analysis with **Prof.dr. Simon Wood, University of Bath, United Kingdom** (together with Prof.dr. R. Harald Baayen and Dr. Jacolien van Rij; 3 days).
July 2013	Research collaboration on sentence readability assessment with **Dr. Simonetta Montemagni, Istituto di Linguistica Computatazionale, Consiglio Nazionale Ricerche, Pisa, Italy** (2 weeks).
February 2012	Research collaboration on English dialectology with **Prof.dr. Clive Upton, University of Leeds, United Kingdom** (1 week).
May 2011	Research collaboration on Tuscan dialectology with **Dr. Simonetta Montemagni, Istituto di Linguistica Computatazionale, Consiglio Nazionale Ricerche, Pisa, Italy** (2 weeks).
February/March 2011	Research collaboration on Catalan dialectology with **Dr. Esteve Valls, University of Barcelona, Spain** (2 weeks).
July/August 2010	Research collaboration on Dutch dialectology with **Prof.dr. R. Harald Baayen, University of Alberta, Edmonton, Canada** (6 weeks).

Conference organization

2017	**Co-organizer** (staff member) of the 38th 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 4 – 8, 2017; about 150 participants). I was in charge of fund raising.
2014	**Member of the local committee** assisting in the organization of the "Methods in Dialectology XV" conference (Groningen: August 11 – 15; 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 30th TABU Dag international linguistics conference (Groningen: June 11 and 12, 2009; about 175 participants).

Scientific reviewer: research proposals

2017	Referee for the *Netherlands Institute for Advanced Study*
2017	International member of one of 11 Multidisciplinary Assessment Committee (MAC) of the *Canada Foundation for Innovation*. In the 2017 round, the MACs are in charge of evaluating interdisciplinary research investment proposals with the goal of distributing

over **550 million CAD$** in funding. The MAC I was in received 30 research proposals requesting over 74 million CAD$ in funding.

2016   International reviewer (1 proposal) for the ERC (Starting Grant).
2015   International reviewer (1 proposal) for the German Research Foundation.
2014   International member of the Linguistics review panel, Hungarian Scientific Research Fund.
2014   International reviewer (1 proposal) for the German Research Foundation.
2013   International reviewer (1 proposal) for the Hungarian Scientific Research Fund.
2012   International reviewer (1 proposal) for the Hungarian Scientific Research Fund.

Scientific reviewer: journal manuscripts (ad hoc) / dissertation reading committee

- Member of the dissertation reading committee of Dr. Junru Wu (Leiden)
- *Cognitive Linguistics*
- *IEEE Transactions on Education*
- *Journal of the Dictionary Society of North America*
- *Journal of the Acoustical Society of America*
- *Language*
- *Language in Society*
- *Language Variation and Change*
- *Language Dynamics and Change*
- *LLC/Literary and Linguistic Computing*
- *Molecular Autism*
- *PLOS ONE*
- *Proceedings of the National Academy of Sciences (PNAS)*
- *Psychophysiology*

Commissions of trust

2016 – present   **Chair of the science policy committee** of the Dutch Young Academy (DJA).
2015 – present   **Member of the Research Data Committee** of the Faculty of Arts, University of Groningen.
2015 – 2017   **Member of the grant decision committee** (*beurzencommissie*) of the Dutch Young Academy (DJA).
2015 – 2016   **Member of the selection committee** for the Young Academy of Groningen.
2014 – present   **Member of the international steering committee** of the Methods in Dialectology conference series.
2013 – 2015   **Member of the scientific data committee** of the Center for Language and Cognition Groningen (CLCG), University of Groningen.
2008 – 2012   **Member of the editorial advisory board** of the university newspaper (UK).
2010 – 2011   **Member of the CLCG colloquium organization committee**.
2010   **Member of the selection committee** for three PhD positions at the Center for Language and Cognition Groningen.
2002 – 2008   **Member of several committees** within the University of Groningen, such as the program committee of Mathematics and Computing Science, two selection committees for tenure track positions within the Department of Computing Science, and the university-wide ICT strategy committee.
2003 – 2004   **Student member** of the University Council, the Committee for Education and Research, and the Committee for Finances.

Student / post-doc supervision

Sept. 2017 onwards   **Co-promotor** of IDEALAB PhD student Jidde Jacobi together with Prof.dr. Ben Maassen, Dr. Roel Jonkers, Dr. Michael Proctor (Macquarie University, Sydney, Australia).
Sept. 2017 onwards   **Co-promotor** of PhD student Masha Medvedeva together with Prof.dr. Michel Vols, University of Groningen.
Mar. 2017 – present   **Supervisor** of post-doc Dr. Aki Kunikoshi, University of Groningen

Jan. 2017 – present	**Co-promotor** of PhD student Bregtje Seton Veld (together with Monika Schmid, University of Essex, Wander Lowie, University of Groningen and Susanne Brouwer, University of Utrecht).
Jan. 2017 – present	**Co-promotor** of PhD student Sanne Berends (together with Monika Schmid, University of Essex, Simone Sprenger, University of Groningen, and Susanne Brouwer, University of Utrecht).
Sept. 2016 – present	**Co-promotor** of PhD student Sean Veld (together with Adamantios Gafos, University of Potsdam and Michael Proctor, Macquarie University).
July 2015 – present	**Co-promotor** of PhD student Nienke Meulman, http://www.nienkemeulman.nl (together with Monika Schmid, University of Essex and Simone Sprenger).
Sept. 2013 – present	**Teaching PhD and Master students** in individual sessions how to conduct an appropriate statistical analysis of their data (on average 2 hours per week).
2014 – 2017	**Scientific supervisor** of clinical psychologist in training, Ellen Jas (research report grade 8.5/10).
2011 – present	**(Co-)supervisor of several bachelor and master students**. Presently, I have supervised or am supervising master students Pauline Veenstra (Applied Linguistics), Kristy James (LCT), Obada Zaidany (EMCL), Jaap Nanninga (Information Science; together with Gregory Mills), and Mart Busger op Vollenbroek (Information Science; together with Gosse Bouma).

Teaching experience

Jan. 2018	**Teacher** of a five-day course *Statistics for Linguistics* (invited), LOT Winter School, Amsterdam.
Oct. 2017 onwards	**Teacher** of an advanced BCN PhD Statistics course.
June 2016 - present	**Teacher** of the basic BCN PhD Statistics course.
Jan. 2016 - present	**Teacher** (in 2016: together with Prof.dr. John Nerbonne, from 2017 onwards: with Yfke Ongena) of the undergraduate course *Statistiek I* (about 200 first and second-year students).
July 2015	**Teacher** (together with Dr. Jacolien van Rij) of the course *Analyzing time series data using generalized additive modeling* at the LSA Institute, Chicago. Student satisfaction of both the course and the teachers was graded with an average score of 9.4 (scale from 1 to 10, with 10 being best).
Sept. 2013 – present	**Teacher** of the course *Advanced regression for linguists* at the University of Groningen. I designed the course and taught it four times in five two-hour sessions. The course was graded by the students with an 8.0 on average (scale from 1 to 10, with 10 being best) and the teacher with an 8.5 on average. More than 40 (master and PhD) students and staff members participated in the three course weeks. I've also taught this course at other institutions by invitation.
June 2013	**Teacher** (together with Dr. Jacolien van Rij) of a one-week summer school course *Mixed-effects regression and generalized additive modeling in linguistics*, LOT Summer School, Groningen.
2009 – 2012	**Presenting guest lectures and supervising lab sessions** in SPSS and R for various statistics courses at the University of Groningen.
Sept. 2010	**Teacher** of a three-day course on *Machine learning and text manipulation in Linux* at the Computer Science Department of Makerere University, Kampala, Uganda.

Outreach

Popular science publications

- Contribution to the *NewScientist Wetenschapskalender voor kids* (2016 and 2017)

- Peter Kleiweg, John Nerbonne and Martijn Wieling (2011). Dialectometrische indeling van de Nederlandse dialecten. In: Nicoline van der Sijs (ed.) *Dialectatlas van het Nederlands*. Uitgeverij Bert Bakker, Amsterdam, pp. 60-61.

Popular science presentations
- Invited workshop at the *Taalkunde dag*, CSG Guido de Brès, Amersfoort, March 10, 2017.
- "Taalvariatie en taalverandering in Nederland: Wat de tong te maken heeft met dialecten en hoe taalfouten minder fout worden" . Oerol college (**by invitation**) in conjunction with the performance "De Wachter" of Tryater (Nienke Laverman), Terschelling, June 12, 2016.
- "Taalvariatie op de tong". One of the selected presentations at NWO Bessensap, De Rode Hoed, Amsterdam, June 10, 2016.
- "Het verstrijken van de taal". Presentation (together with John Nerbonne) at the Interscience symposium "Time" of *De Jonge Akademie*, Amsterdam, April 4, 2016.

Selection of research-related news coverage
- "De stille opmars van … ehm", *NRC Handelsblad*, January 5, 2017, https://www.nrc.nl/nieuws/2017/01/04/de-stille-opmars-van-ehm-6024318-a1539726.
- "The best age to learn a second language", *The Independent*, February 8, 2016, http://www.independent.co.uk/news/education/the-best-age-to-learn-a-second-language-a6860886.html.
- "Hoe bewegen tong en lippen bij het spreken?", *NewScientist*, September, 2015, http://martijnwieling.nl/files/NewScientist26-JongeAkademie.pdf.
- "Tongpositie verklaart buitenlands accent", *Het Parool* (August 29, 2015) and *Dagblad van het Noorden* (September 5, 2015).
- "Afscheid van 'eh'", *Vrij Nederland (vn.nl)*, August 21, 2015, http://www.vn.nl/afscheid-van-eh.
- "Uh, why do we say um?", *Braindecoder*, August 12, 2015, https://www.braindecoder.com/the-mystery-of-why-we-say-ummm-1292612993.html.
- "Tong is taal", *Radio 1: Nieuwsshow*, May 16, 2015, http://www.radio1.nl/item/291930-Tong%20is%20taal.html.
- "Dit is waarom jouw Engels niet goed klinkt", *NOS op 3*, May 12, 2015, http://nos.nl/op3/artikel/2035361-dit-is-waarom-jouw-engels-niet-goed-klinkt.html.
- "Het dialectverschil zit 'm in de tong", *RTV Noord* (radio and TV interview), May 12, 2015, http://www.rtvnoord.nl/artikel/artikel.asp?p=148958.
- "Geheimen van de Engelse uitspraak", *de Volkskrant*, May 9, 2015, http://www.volkskrant.nl/wetenschap/geheimen-van-de-engelse-uitspraak~a4008448.
- "Verschil tussen 'eh' en 'ehm', *Radio 1: NOS – Met het oog op morgen (23:52),* February 8, 2015, http://www.radio1.nl/methetoogopmorgen.
- "Why we are saying 'uh' less and 'um' more", *BBC*, February 8, 2015, http://www.bbc.co.uk/news/magazine-31158167.
- "Are we witnessing the death of 'uh? Um maybe – and not just in English", *Public Radio International (PRI)*, February 5, 2015, http://www.pri.org/stories/2015-02-05/across-several-languages-people-are-opting-um-over-uh.
- "Zeg eens uh en ik zeg wie je bent", *De Morgen*, October 8, 2014, http://www.martijnwieling.nl/files/DeMorgen-08-10-2014-UH.pdf.
- "To um or to er? Studies probe how brains fill the speech-thought gap", *The Times*, October 4, 2014, http://www.thetimes.co.uk/tto/news/uk/article4227955.ece.
- Invited guest at the talkshow *Stand van Stad*, September 28, 2014, https://www.youtube.com/watch?v=ztwO42_oYQ4.
- "New linguistic tools can predict your dialect characteristics", *LSA press release*, September 24, 2014, http://www.sciencedaily.com/releases/2014/09/140924113651.htm.
- "Experiment met de articulograaf", *Universiteitskrant*, March 31, 2014, http://www.ukrant.nl/wetenschap-onderwijs/experiment-met-de-articulograaf.html.
- "Revealing the tip of the… tongue", *BCN Newsletter* 93, pp. 9-10, March 2014,

http://www.rug.nl/research/behavioural-cognitive-neurosciences/news/bcn-newsletter93.pdf.
- "Tong en lippen bepalen uitspraak", *Unifocus*, January 8, 2014 (video),
  http://www.unifocus.nl/site/pagina.php?id_item=351.
- "Hoe hard is de harde g precies in Ter Apel?", *Dagblad van het Noorden*, March 6, 2013,
  http://www.dekrantvantoen.nl/vw/article.do?id=DVHN-20130306-GS01030009.
- "Uitspraakverschillen", *Leeuwarder Courant,* September 17, 2011,
  http://www.archiefleeuwardercourant.nl/vw/article.do?id=LC-20110917-NO04012002.

Language Log coverage
- "UH / UM in Norwegian" (guest post), http://languagelog.ldc.upenn.edu/nll/?p=15071, October 8, 2014.
- "Trending in the Media: Um, not exactly…", http://languagelog.ldc.upenn.edu/nll/?p=15048, October 7, 2014.
- "UM / UH in German" (guest post), http://languagelog.ldc.upenn.edu/nll/?p=14894, September 29, 2014.
- "Um and Uh in Dutch" (invited guest post), http://languagelog.ldc.upenn.edu/nll/?p=14638, September 16, 2014.
- "The fruits of your labors", http://languagelog.ldc.upenn.edu/nll/?p=5485, July 26, 2013.
- "Rating American English Accents", http://languagelog.ldc.upenn.edu/nll/?p=3967, May 19, 2012.

Scientific output (summary)
- **60 full peer-reviewed papers in journals, books and proceedings** (see list of publications below), including:
  - > 30 publications as first author.
  - > 6 publications (all as first author) in top journals in the humanities and social sciences: *Journal of Phonetics* (twice), *Journal of the Acoustical Society of America, Language*, *Computer Speech and Language, Computers and Education.*
  - > 4 publications in *PLOS ONE* (2 as first author).
  - > 1 publication by invitation in the *Annual Review of Linguistics* (only internationally recognized scientists receive invitations to submit to the Annual Review journals).
- **70+ lectures and short courses** (see list of presentations), including:
  - > Invited speaker at 15 (inter)national meetings / conferences.
  - > Guest lecturer by invitation of advanced courses in statistics at (the Universities of) Leiden, Amsterdam, Oldenburg (twice), Tübingen, Pisa, Toulouse, Cambridge and Montréal.

R package
- Jacolien van Rij, Martijn Wieling, R. Harald Baayen and Hedderik van Rijn (2016). itsadug: Interpreting Time Series and Autocorrelated Data Using GAMMs. R package version 2.2.

Book under contract
- Jack Grieve and Martijn Wieling (~2019). *Regional Dialectology: Quantitative Approaches using R*. Cambridge University Press.

Publications
(i) Peer-reviewed publications in scientific journals (35)
1. Martijn Wieling and Mark Tiede (forthcoming, 2017). Quantitative identification of dialect-specific articulatory settings. *The Journal of the Acoustical Society of America* (special issue: Advancing Methods for Analyzing Dialect Variation).
2. Malvina Nissim, Lasha Abzianidze, Kilian Evang, Rob van der Goot, Hessel Haagsma, Barbara Plank and Martijn Wieling (forthcoming, 2017). Sharing is Caring: The Future of Shared Tasks. *Computational Linguistics*.
3. Miren Arantzeta, Roelien Bastiaanse, Frank Burchert, Martijn Wieling, Maite Martinez Zabaleta and Itziar Laka (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*. DOI: 10.1080/23273798.2017.1344715.

4. Kashmiri Stec, Mike Huiskes, Martijn Wieling and Gisela Redeker (2017). Multimodal character viewpoint in quoted dialogue sequences. *Glossa*, 2(1), 39.

5. Martijn Wieling, Fabian Tomaschek, Denis Arnold, Mark Tiede, Franziska Bröker, Samuel Thiele, Simon N. Wood and R. Harald Baayen (2016). Investigating dialectal differences using articulography. *Journal of Phonetics*, 59, 122-143.

6. He Sun, Rasmus Steinkrauss, Martijn Wieling and Kees de Bot (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.

7. Martijn Wieling, Jack Grieve, Gosse Bouma, Josef Fruehwald, John Coleman and Mark Liberman (2016). Variation and change in the use of hesitation markers in Germanic languages. *Language Dynamics and Change*, 6(2), 199-234.

8. Bodo Winter and Martijn Wieling (2016). How to analyze linguistic change using mixed models, Growth Curve Analysis and Generalized Additive Modeling. *Journal of Language Evolution*, 1(1), 7-18.

9. Nienke Meulman, Martijn Wieling, Simone Sprenger, Laurie Stowe, and Monika Schmid (2015). Age effects in L2 grammar processing as revealed by ERPs and how (not) to study them. *PLOS ONE*, 10(12), e0143328.

10. Roelien Bastiaanse, Martijn Wieling and Nienke Wolthuis (2015). The role of frequency in the retrieval of nouns and verbs in aphasia. *Aphasiology*, DOI: 10.1080/02687038.2015.1100709.

11. Martijn Wieling and John Nerbonne (2015). Advances in dialectometry. *Annual Review of Linguistics*, 1, 243-264.

12. Rimke Groenewold, Roelien Bastiaanse, Lyndsey Nickels, Martijn Wieling and Mike Huiskes (2015). The effects of direct and indirect speech on discourse comprehension in Dutch and English listeners with and without aphasia. *Aphasiology*, 29(6), 685-704.

13. Vinnie Ko, Martijn Wieling, Ernst Wit, John Nerbonne and Wim Krijnen (2014). Social, geographical, and lexical influence on Dutch dialect pronunciations. *Computational Linguistics in the Netherlands Journal*, 4, 29-38.

14. Martijn Wieling, Simonetta Montemagni, John Nerbonne and R. Harald Baayen (2014). Lexical differences between Tuscan dialects and standard Italian: Accounting for goegraphic and socio-demographic variation using generalized additive mixed modeling. *Language*, 90(3), 669-692.

15. Martijn Wieling, Jelke Bloem, Kaitlin Mignella, Mona Timmermeister and John Nerbonne (2014). Measuring foreign accent strength. *Language Dynamics and Change*, 4(2), 253-269.

16. Rimke Groenewold, Roelien Bastiaanse, Lyndsey Nickels, Martijn Wieling and Mike Huiskes (2014). The effects of direct and indirect speech on discourse comprehension in Dutch listeners with and without aphasia. *Aphasiology*, 28(7), 862-884.

17. Martijn Wieling, John Nerbonne, Jelke Bloem, Charlotte Gooskens, Wilbert Heeringa and R. Harald Baayen (2014). A cognitively grounded measure of pronunciation distance. *PLOS ONE*, 9(1), e75734.

18. Martijn Wieling, Clive Upton and Ann Thompson (2014). Analyzing the BBC Voices data: Contemporary English dialect areas and their characteristic lexical variants. *Literary and Linguistic Computing*, 29(1), 107-117.

19. Gerwin Blankevoort, Erik Scherder, Martijn Wieling, Tibor Hortobágyi, Wiebo Brouwer, Reint Geuze and Marieke van Heuvelen (2013). Physical predictors of cognitive performance in healthy older adults. *PLOS ONE*, 8(7), e70799.

20. Martijn Wieling, Robert G. Shackleton, Jr. and John Nerbonne (2013). Analyzing phonetic variation in the traditional English dialects: Simultaneously clustering dialects and phonetic features. *Literary and Linguistic Computing*, 28(1), 31-41.

21. Simonetta Montemagni, Martijn Wieling, Bob de Jonge and John Nerbonne (2013). Synchronic patterns of Tuscan phonetic variation and diachronic change: Evidence from a dialectometric study. *Literary and Linguistic Computing*, 28(1), 157-172.

22. Esteve Valls, Martijn Wieling and John Nerbonne (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.

23. Hanneke Loerts, Martijn Wieling and Monika Schmid (2013). Neuter is not common in Dutch: Eye movements reveal asymmetrical gender processing. *Journal of Psycholinguistic Research*, 42(6), 551-570.

24. Esteve Valls, John Nerbonne, Jelena Prokić, Martijn Wieling, Esteve Clua and Maria-Rosa Lloret (2012). Applying Levenshtein Distance to Catalan Dialects. A brief comparison of two dialectometric approaches. *Verba. Anuario Galego de Filoloxía*, 39, 35-61.

25. Martijn Wieling, Eliza Margaretha and John Nerbonne (2012). Inducing a measure of phonetic similarity from pronunciation variation. *Journal of Phonetics*, 40(2), 307-314.

26. Martijn Wieling, Eliza Margaretha and John Nerbonne (2011). Inducing phonetic distances from dialect variation. *Computational Linguistics in the Netherlands Journal*, 1, 109-118.

27. Martijn Wieling, John Nerbonne and R. Harald Baayen (2011). Quantitative social dialectology: Explaining linguistic variation geographically and socially. *PLOS ONE*, 6(9), e23613.

28. Martijn Wieling and John Nerbonne (2011). Measuring linguistic variation commensurably. *Dialectologia*, Special Issue II: Production, Perception and Attitude, 141-162.

29. Martijn Wieling and John Nerbonne (2011). Bipartite spectral graph partitioning for clustering dialect varieties and detecting their linguistic features. *Computer Speech and Language*, 25(3), 700-715.

30. Martijn Wieling and Adriaan Hofman (2010). The impact of online video lecture recordings and automated feedback on student performance. *Computers and Education*, 54(4), 992-998.

31. Kevin Williams, Justin Park and Martijn Wieling (2010). The face reveals athletic flair: Better National Football League quarterbacks are better looking. *Personality and Individual Differences*, 48, 112-116.

32. Justin Park, Martijn Wieling, Bram Buunk, and Karlijn Massar (2008). Sex-specific relationship between digit ratio (2D:4D) and romantic jealousy. *Personality and Individual Differences*, 44, 1039-1045.

33. Martijn Wieling, Wilbert Heeringa and John Nerbonne (2007). An aggregate analysis of pronunciation in the Goeman-Taeldeman-van Reenen-Project data. *Taal en Tongval*, 59, 84-116.

34. Justin Park, Bram Buunk and Martijn Wieling (2007). Does the face reveal athletic flair? Positions in team sports and facial attractiveness. *Personality and Individual Differences*, 43, 1960-1965.

35. Nicolai Petkov and Martijn Wieling (2004). Gabor filtering augmented with surround inhibition for improved contour detection by texture suppression, *Perception*, 33, 68c.

(ii) Peer-reviewed publications in edited books (9)

1. John Nerbonne and Martijn Wieling (forthcoming, 2016). Statistics for aggregate variationist analyses. In: Charles Boberg, John Nerbonne and Dominic Watt (eds.) *Handbook of Dialectology*. Boston: Wiley.

2. Martijn Wieling, Esteve Valls, R. Harald Baayen and John Nerbonne (forthcoming, 2016). Border effects among Catalan dialects. In: Dirk Speelman, Kris Heylen and Dirk Geeraerts (eds.) *Mixed Effects Regression Models in Linguistics.* Springer: Quantitative Methods in the Humanities and Social Sciences.

3. Jelke Bloem, Martijn Wieling and John Nerbonne (2016). Automatically identifying characteristic features of non-native English accents. In Marie-Hélène Côté, Remco Knooihuizen and John Nerbonne (eds*.) The Future of Dialects*. Language Science Press: Language Variation, pp. 155-172.

4. Simonetta Montemagni and Martijn Wieling (2016). Tracking linguistic features underlying lexical variation patterns: A case study on Tuscan dialects. In: Marie-Hélène Côté, Remco Knooihuizen and John Nerbonne (eds*.) The Future of Dialects*. Language Science Press: Language Variation, pp. 117-134.

5. Martijn Wieling and Simonetta Montemagni (2016). Infrequent forms: noise or not? In: Marie-Hélène Côté, Remco Knooihuizen and John Nerbonne (eds*.) The Future of Dialects*. Language Science Press: Language Variation, pp. 215-224.

6. John Nerbonne, Sandrien van Ommen, Charlotte Gooskens and Martijn Wieling (2013). Measuring socially motivated pronunciation differences. In: Lars Borin and Anju Saxena (eds.) *Approaches to Measuring Linguistic Differences*. Berlin: Mouton De Gruyter, pp. 107-140.
7. Martijn Wieling. Voices dialectometry at the University of Groningen (2013). In: Clive Upton and Bethan Davies (eds.) *Analysing 21st-century British English: Conceptual and methodological aspects of the BBC 'Voices' project*. London: Routledge, pp. 208-218.
8. John Nerbonne, Jelena Prokić, Martijn Wieling and Charlotte Gooskens (2010). Some Further Dialectometrical Steps. In: Gotzon Aurrekoexea and Jose Luis Ormaetxea (eds.) *Tools for Linguistic Variation*. Bilbao: Supplements of the Anuario de Filologia Vasca "Julio de Urquijo", LIII, pp. 41-56.
9. Wilbert Heeringa, Martijn Wieling, Boudewijn van den Berg and John Nerbonne (2009). A Quantitative Examination of Variation in Dutch Low Saxon Morphology. In: Alexandra Lenz, Charlotte Gooskens and Siemon Reker (eds.) *Low Saxon Dialects across Borders - Niedersächsische Dialekte über Grenzen hinweg* (ZDL-Beiheft 138), Franz Steiner Verlag, 2009, pp. 195-216.

(iii) Peer-reviewed publications in conference proceedings (full papers) (16)

1. Ganesh Sivaraman, Carol Espy-Wilson and Martijn Wieling. Analysis of acoustic-to-articulatory speech inversion across different accents and languages. Accepted (May 22, 2017) to appear in Proceedings of Interspeech 2017.
2. Kristy James and Martijn Wieling (2016). Read my points: Effect of animation type when speech-reading from EMA data. Proceedings of SIGMORPHON, ACL 2016, Berlin, 87-92.
3. Martijn Wieling, Eva Sassolini, Nella Cucurullo and Simonetta Montemagni (2016). ALT Explored: Integrating an online dialectometric tool and an online dialect atlas. *Proceedings of LREC 2016*, 3265-3272.
4. Martijn Wieling, Jelke Bloem, R. Harald Baayen and John Nerbonne (2015). Determinants of English accents. *Proceedings of the 6th Conference on Quantitative Investigations in Theoretical Linguistics.* Tübingen, November 4-6.
5. Martijn Wieling, Pauline Veenstra, Patti Adank, Andrea Weber and Mark Tiede (2015). Comparing L1 and L2 speakers using articulography. *Proceedings of the 18th International Congress of Phonetic Sciences*. Glasgow, August 10-14.
6. Martijn Wieling, Fabian Tomaschek, Denis Arnold, Mark Tiede and R. Harald Baayen (2015). Investigating dialectal differences using articulography. *Proceedings of the 18th International Congress of Phonetic Sciences*. Glasgow, August 10-14.
7. Felice Dell'Orletta, Martijn Wieling, Giulia Venturi, Andrea Cimino and Simonetta Montemagni (2014). Assessing the readability of sentences: Which corpora and features? *Proceedings of the Ninth Workshop on Innovative Use of NLP for Building Educational Applications*. ACL, Baltimore, USA, June 26, pp. 163-173.
8. Fabian Tomaschek, Benjamin V. Tucker, Martijn Wieling and R. Harald Baayen (2014). Vowel articulation affected by word frequency. *Proceedings of the 10th International Seminar on Speech Production*. Cologne, Germany, May 5-8, pp. 429-432.
9. Fabian Tomaschek, Martijn Wieling, Denis Arnold and R. Harald Baayen (2013). Word frequency, vowel length and vowel quality in speech production: An EMA study of the importance of experience. *Proceedings of Interspeech 2013*. Lyon, France, August 25-29, pp. 1302-1306.
10. Martijn Wieling and John Nerbonne (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*. ACL, Uppsala, Sweden, July 16, pp. 33-41.
11. Martijn Wieling and John Nerbonne (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 (TextGraphs-4)*. ACL-IJCNLP, Singapore, August 7, pp. 14-22.
12. Martijn Wieling, Jelena Prokić and John Nerbonne (2009). Evaluating the pairwise string alignment of pronunciations. *Proceedings of the LaTeCH - SHELT&R Workshop at the 12th*

Meeting of the European Chapter of the Association for Computational Linguistics. ACL, Athens, Greece, March 30, pp. 26-34.

13. Jelena Prokić, Martijn Wieling and John Nerbonne (2009). Multiple sequence alignments in linguistics. *Proceedings of the LaTeCH - SHELT&R Workshop at the 12th Meeting of the European Chapter of the Association for Computational Linguistics*. ACL, Athens, Greece, March 30, pp. 18-25.

14. Martijn Wieling and John Nerbonne (2007). Dialect Pronunciation Comparison and Spoken Word Recognition. *Proceedings of the RANLP Workshop on Computational Phonology*. Borovetz, September 27-29, pp. 71-78.

15. Martijn Wieling, Therese Leinonen and John Nerbonne (2007). Inducing Sound Segment Differences using Pair Hidden Markov Models. *Proceedings of Computing and Historical Phonology: 9th Meeting of ACL Special Interest Group for Computational Morphology and Phonology Workshop*. ACL, Prague, Czech Republic, June 28, pp. 48-56.

16. Martijn Wieling, Mark-Jan Nederhof and Gertjan van Noord (2005). Parsing partially bracketed input. *Proceedings of the Sixteenth Computational Linguistics in the Netherlands*. Amsterdam, the Netherlands, December 16, pp. 1-16.

(iv) Submitted manuscripts (3)

1. Mufeeda Irshad, Merel Keijzer, Marjolein Verspoor and Martijn Wieling. An ESL Teacher-fronted and CALL program compared: An Empirical Study. Revised version submitted (July 18, 2017) to *Dutch Journal of Applied Linguistics*.

2. Rasa Gulbinaite, Tara van Viegen, Martijn Wieling, Michael Cohen, and Rufin VanRullen. Individual alpha peak frequency predicts 10 Hz flicker effects on selective attention. Revised version submitted (July 15, 2017) to *The Journal of Neuroscience*.

3. Artur Kulmizev, Bo Blankers, Johannes Bjerva, Malvina Nissim, Gertjan van Noord, Barbara Plan and Martijn Wieling. The Power of Character N-grams in Native Language Identification. Revised version submitted (July 14, 2017) to Shared Task on Native Language Identification at the EMNLP 2017 BEA workshop.

(v) Books (2)

- Martijn Wieling, Martin Kroon, Gertjan van Noord & Gosse Bouma (eds., 2017). *From Semantics to Dialectometry. Festschrift in honor of John Nerbonne*. Tributes 32, College Publications.

- Martijn Wieling (2012). *A Quantitative Approach to Social and Geographical Dialect Variation*. PhD dissertation, University of Groningen.

Presentations

(i) Invited lectures and courses (25)

1. *Statistics for Linguistics*, Invited five-day course at the LOT Winter School, Amsterdam, January 8-12, 2017.

2. Invited presentation at the Meertens Institute, Amsterdam (*T-lezing*), Amsterdam, October 24, 2017.

3. *Discovering articulatory patterns using generalized additive modeling.* Invited speaker at the Dynamic Modeling (DyMo) III workshop, Cologne, Germany, July 18-19, 2017.

4. *Generalized additive modeling as a useful tool for dialectometry.* Keynote speaker at the Sociolectometry Panel at *The International Conference on Language Variation in Europe*, Málaga, Spain, June 6 – 9, 2017.

5. *Statistics for linguists in R*. Invited four-day lecture series at the Institution for Computational Linguistics, National Research Council Italy, Pisa, Italy, May 2-5, 2017.

6. *Mixed-effects regression and generalized additive modeling*. Invited two-day lecture series at the Centre de Recherche Cerveau & Cognition, Toulouse, France, March 30-31, 2017.

7. *Using generalized additive modeling for analyzing articulography data (and other time series data)*. Invited speaker at the *5th International Winterschool "Speech Perception and Production"*, Chorin, Germany, January 9 – 13, 2017.

8. *Modeling the influence of geography in dialect variation*. Invited speaker at the FLAMES-colloquium *Topics for Spatial Statistics*, Leuven, Belgium, November 28, 2016.
9. *Investigating language variation quantitatively*. Short invited lecture after receiving the *European Young Research Award* at the *EuroScience Open Forum 2016*, Manchester, England, July 23 – 27, 2016.
10. *Pronunciation variation on the tip of the tongue*. Invited presentation (TED-like talk) at the BCN Winter meeting, Groningen, February 11, 2016.
11. *Investigating language variation using articulography*. Invited guest lecture at the Netherlands Cancer Institute, Amsterdam, October 13, 2015.
12. *Generalized additive modeling*. Invited three-day lecture series at the McGill, Montréal, (Prof.dr. Karsten Steinhauer), Canada, March 20-22, 2015.
13. *Mixed-effects regression and generalized additive modeling for linguists*. Invited two-day lecture series at the University of Tübingen, Department of English (Prof.dr. Andrea Weber), Germany, February 9-10, 2015.
14. *Mixed-effects regression and generalized additive modeling for linguists*. Invited two-day lecture series at the University of Oldenburg, Department of Dutch (Prof.dr. Esther Ruigendijk), Germany, February 2-3, 2015.
15. *Mixed-effects regression and generalized additive modeling for linguists*. Invited two-day lecture series at the University of Cambridge, Department of Theoretical and Applied Linguistics (Dr. Andrew Caines), United Kingdom, January 13-14, 2015.
16. *Methods in Dialectometry*. Invited lecture at Gent University (Prof.dr. Jacques Van Keymeulen), Belgum, October 16, 2014.
17. *Comparing pronunciations on the basis of transcriptions and articulography*. Invited lecture at the Centre for Language Studies, Radboud Universiteit Nijmegen, October 15, 2014.
18. *What the tongue can tell us about dialects*. Invited presentation at the Frontiers of Language Variation workshop at the Methods XV conference, Groningen, the Netherlands, August 11-14, 2014.
19. *Generalized additive modeling for linguists*. Invited one-day lecture series at University Leiden, the Netherlands, Center of Linguistics (Dr. Yiya Chen), July 2014.
20. *Mixed-effects regression and generalized additive modeling for linguists*. Invited two-day lecture series at the University of Oldenburg, Department of Dutch (Prof.dr. Esther Ruigendijk), Germany, June 30 and July 1, 2014.
21. *Introduction to mixed-effects regression for (psycho)linguists*. Invited guest lecture at the IMS Stuttgart, Universität Stuttgart, Germany, December 16, 2013.
22. *Integrating traditional dialectology and sociolinguistics: Generalized additive modeling*. Invited workshop presentation (with R. Harald Baayen) at the NWAV42 conference, Pittsburgh, USA, October 17, 2013.
23. *Inducing and using phonetic similarity*. Invited presentation (with John Nerbonne) at the Language Diversity Conference, Groningen, the Netherlands, July 20, 2013.
24. *A sociolinguistic analysis of linguistically sensitive dialectal word pronunciation distances*. Invited presentation at the Workshop on Computational Approaches to the Study of Dialectal and Typological Variation, ESSLI 2012, Opole, Poland, August 6-10, 2012.
25. *Mixed-effects regression analyses of eyetracking data*. Invited lecture at the Eye-tracking and EEG course week organized by Monika Schmid, University of Groningen, the Netherlands, July 7, 2011.

(ii) Conference and workshop presentations (25)
1. *Articulatory differences between L1 and L2 speakers of English*. Presentation at the Conference on Multilingualism, Groningen, November 6-8, 2017.
2. *Articulatory differences between L1 and L2 speakers of English*. Presentation at The 11th International Seminar on Speech Production, Tianjin, China, October 16-19, 2017.
3. *Dialect-specific articulatory settings*, Presentation at Methods in Dialectology XVI, Tokyo, Japan, August 7-11, 2017.
4. *Determinants of English Accents*, Presentation at the 6th Conference on Quantitative Investigations in Theoretical Linguistics, Tübingen, Germany, November 6, 2015.

5. *Taalvariatie: patronen in uitspraak en tongbewegingen.* Presentation at the Young Academy meeting, Groningen, September 21, 2015.
6. *Patterns of language variation.* Digital Humanities Day 2014, Groningen, the Netherlands, October 31, 2014.
7. *Accessing large dialect databases on RADAR* (with Clive Upton). Methods XV conference, Groningen, the Netherlands, August 11-14, 2014.
8. *A cognitively grounded measure of pronunciation distance.* Adaptation and Implicit Learning during Linguistic Processing Workshop, Radboud Universiteit Nijmegen, the Netherlands, September 23, 2013.
9. *A cognitively grounded automatic measure of pronunciation distance.* 5th Conference on Quantitative Investigations in Theoretical Linguistics, Leuven, Belgium, September 12-14, 2013.
10. *Lexical differences between Tuscan dialects and standard Italian: A sociolinguistic analysis using generalized additive mixed modeling.* Leuven Statistics Days, Leuven, Belgium, June 7-8, 2012.
11. *Inducing a measure of phonetic similarity from dialect variation.* Workshop on Comparing Approaches to Measuring Linguistic Differences, University of Gothenburg, Sweden, October 24, 2011.
12. *A sociolinguistic analysis of aggregate dialect distances.* Methods in Dialectology 14 conference, University of Western Ontario, London, Canada, August 2, 2011.
13. *On the sublinear distribution of linguistic variation with respect to geography.* Forum Sprachvariation, Universität Erlangen, Germany, October 15, 2010.
14. *Modelling geography's influence on language variation: Calibrating linguistic measurements.* Cultural Evolution in Spatially Structured Populations Conference, University College London, United Kingdom, September 13, 2010.
15. *Hierarchical bipartite spectral graph partitioning to cluster dialect varieties and determine their most important linguistic features.* TextGraphs-5 Workshop at ACL 2010, Uppsala, Sweden, July 16, 2010.
16. *A graph-theoretic analysis of English dialects.* Bloomsday 2010: Echoes of Albion Workshop, University of Groningen, the Netherlands, June 16, 2010.
17. *On the sublinear distribution of linguistic variation with respect to geography.* 31st TABU Dag 2010, Groningen, the Netherlands, June 3-4, 2010.
18. *Co-clustering varieties and linguistic features using bipartite spectral graph partitioning.* The 20th Meeting of Computational Linguistics in The Netherlands, Utrecht, the Netherlands, February 5, 2010.
19. *Understanding Séguy's law: On the sublinear distribution of linguistic variation with respect to geography* (with John Nerbonne). Past and Present Processes of Dialect Convergence: Data and Methods, Amsterdam, the Netherlands, February 4, 2010.
20. *Bipartite spectral graph partitioning to co-cluster varieties and sound correspondences in dialectology.* TextGraphs-4 Workshop at ACL-IJCNLP, Singapore, August 7, 2009.
21. *Tools for detecting geographical and structural affinities.* Workshop on Small Tools for Cross-Linguistic Research, Utrecht, the Netherlands, June 15-16, 2009.
22. *Evaluating the pairwise string alignment of pronunciations.* Workshop on Language Technology and Resources for Cultural Heritage, Social Sciences, Humanities, and Education, Athens, Greece, March 30, 2009.
23. *Evaluation of pairwise string alignment methods.* The 19th Meeting of Computational Linguistics in the Netherlands, Groningen, the Netherlands January 22, 2009.
24. *Dialect Pronunciation Comparison using the Goeman-Taeldeman-Van Reenen-Project Data.* The 17th Meeting of Computational Linguistics in the Netherlands, Leuven, Belgium, January 12, 2007.
25. *Parsing partially bracketed input.* The 16th Meeting of Computational Linguistics in the Netherlands, Amsterdam, the Netherlands, December 16, 2005.

(iii) Guest lectures / seminars / short courses at international institutions (18)
1. *Analyzing time series data using generalized additive modeling.* Course (together with Jacolien van Rij) at the LSA Institute, Chicago, USA, July 6-17 (see also teaching, above).

2. *Measuring foreign accent strength*. University of Cambridge, Department of Theoretical and Applied Linguistics, United Kingdom, January 13, 2015.
3. *Gabmap tutorial*. Ghent University, Redactie Woordenboek van de Vlaamse Dialecten, October 15, 2014.
4. *Comparing dialect and accented pronunciations on the basis of transcriptions and articulography*. Center of Research on Brain, Language and Music, Montréal, Canada, September 18, 2014.
5. *Analyzing linguistic time-series data with Generalized Additive Modeling in R: A case study using ERP data.* Motor Control Laboratory, McGill University, Montréal, Canada, September 17, 2014.
6. *Comparing dialect and accented pronunciations on the basis of transcriptions and articulography*. Linguistic Data Consortium, Philadelphia, USA, September 12, 2014.
7. *Generalized Additive Models in R*. Haskins Laboratories, New Haven, USA, September 9, 2014.
8. *Comparing pronunciations on the basis of transcriptions and articulography*. Department of Speech Hearing and Phonetic Sciences, University College London, United Kingdom, April 8, 2014.
9. *Articulography for studying language variation*. Haskins Laboratories, Yale, New Haven, USA, October 24, 2013.
10. *Articulography for studying language variation*. Lab of Douglas H. Whalen, City University New York (CUNY), USA, October 16, 2013.
11. *Hierarchical spectral partitioning of bipartite graphs to cluster dialects and identify distinguishing features*. Consiglio Nazionale delle Ricerche, Pisa, Italy, July 17, 2013.
12. *Comparing pronunciation on the basis of transcriptions and articulography*. University of Pisa, Italy, July 16, 2013.
13. *Mixed-effects regression and generalized additive modeling in linguistics.* Course (together with Jacolien van Rij) at the LOT Summer School, Groningen, June 24-28, 2013
14. *Segment distances and foreign accents*. LOT Winter School, Tilburg, the Netherlands, January 12, 2012.
15. *Gabmap tutorial*. University of Gothenburg, Sweden, October 26, 2011.
16. *Dialectometry and hierarchical bipartite spectral graph partitioning*. Machine Learning Reading Group of Makerere University, Kampala, Uganda, September 23, 2010.
17. *Text Manipulation and Hidden Markov Model course*. Computer Science Faculty of Makerere University, Kampala, Uganda, September 20-22, 2010.
18. *Dialectometry in Groningen*. Summer Colloquium of the Department of Linguistics, University of Alberta, Edmonton, August 11, 2010.

(iv) Poster presentations (8)
1. *Articulatory differences between L1 and L2 speakers of English.* The 7th International Conference on Speech Motor Control, July 5-8, 2017.
2. *Investigating dialectal differences using articulography*. 18th International Congress of Phonetic Sciences, Glasgow, United Kingdom, August 10-14, 2015.
3. *Validating and using the PMI-based Levenshtein distance as a measure of foreign accent strength*. Methods XV conference, Groningen, the Netherlands, August 11-14, 2014 [won best poster award].
4. *Large-scale analysis of articulatory trajectories using Generalized Additive Modeling*. 10th International Seminar on Speech Production, Cologne, Germany, May 5-8, 2014.
5. *Co-clustering varieties and linguistic features using bipartite spectral graph partitioning*. Forum Sprachvariation, Universität Erlangen, Germany, October 14, 2012.
6. *A quantitative investigation of English accents.* BCN Research School New Year's Meeting, Groningen, February 2, 2012 [won best poster award].
7. *A sociolinguistic analysis of dialect distances*. BCN Research School New Year's Meeting, Groningen, February 17, 2011.
8. *Gabor filtering augmented with surround inhibition for improved contour detection by texture suppression*. 27th Annual Meeting of the European Conference on Visual Perception, Budapest, Hungary, August 22-26, 2004.

Impact (h-index and most-cited publications)

Martijn Wieling
Assistant Professor, University of Groningen
Statistics, Language variation, Dialectometry, Dialectology, Corpus Linguistics
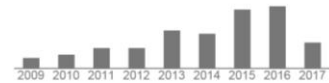Verified email at rug.nl - Homepage

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The impact of online video lecture recordings and automated feedback on student performance MB Wieling, WHA Hofman Computers & Education 54 (4), 992-998	132	2010
Quantitative Social Dialectology: Explaining Linguistic Variation Geographically and Socially M Wieling, J Nerbonne, RH Baayen PloS one 6 (9), e23613	62	2011
Bipartite spectral graph partitioning for clustering dialect varieties and detecting their linguistic features M Wieling, J Nerbonne Computer Speech & Language 25 (3), 700-715	61	2011
Evaluating the pairwise string alignment of pronunciations M Wieling, J Prokić, J Nerbonne Proceedings of the EACL 2009 Workshop on Language Technology and Resources ...	54	2009
Inducing a measure of phonetic similarity from pronunciation variation M Wieling, E Margaretha, J Nerbonne Journal of Phonetics 40 (2), 307-314	40	2012

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