

R. Harald Baayen

curriculum vitae

affiliation Seminar für Sprachwissenschaft
Eberhard Karls Universität Tübingen
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updated June 2017

education

- 1989 **Ph.D. General Linguistics**, *Free University*, Amsterdam, The Netherlands.
- 1985 **Doctoralexamen General Linguistics (\simeq M.A.)**, *Free University*, Amsterdam, The Netherlands.
- 1983 **Kandidaatsexamen Theology (\simeq B.A.)**, *Free University*, Amsterdam, The Netherlands.
- 1979 **General Linguistics**, *Summer Institute of Linguistics*, High Wycombe, UK.

professional experience

- 2011-pres **Professor of Quantitative Linguistics**, *Eberhard Karls Universität*, Tübingen, Germany.
- 2007-2011 **Professor of Quantitative Linguistics**, *University of Alberta*, Edmonton, Canada.
- 2006-2007 **Professor of Quantitative Linguistics**, *Radboud University*, Nijmegen, The Netherlands.
- 1998-2005 **Postdoctoral Fellow**, *Radboud University*, Nijmegen, The Netherlands.
- 1990-1998 **Member of Scientific Staff**, *Max-Planck-Institut für Psycholinguistik*, Nijmegen, The Netherlands.
- 1989-1990 **Postdoctoral Fellow**, *Free University*, Amsterdam, The Netherlands.
- 1985-1988 **Teaching Fellow**, *Free University*, Amsterdam, The Netherlands.
- sum 1980 **Teaching Assistant**, *Summer Institute of Linguistics*, High Wycombe, UK.

awards

- 2017 **ERC Advanced Grant**, *European Research Council*, 2.5 million Euro.
- 2012 **Elected member of the Academia Europaea**.
- 2011 **Alexander von Humboldt research award**, *Alexander von Humboldt Foundation*, Germany, 5 million Euro.
- 2011 **Research award Faculty of Arts**, *University of Alberta*, Edmonton, Canada.
- 2005 **KNAW Muller chair**, *Royal Netherlands Academy of Arts and Sciences*, Amsterdam, The Netherlands.
- 2004 **Erskine Fellowship**, *University of Canterbury*, Christchurch, New Zealand.
- 1998 **Pionier career advancement award**, *Netherlands Organization for Scientific Research (NWO)*, 1 million Euro.

externally funded research and research collaboration

- 2016-2018 **German Research Council (DFG), part of a multi-site research unit (led by Prof. Dr. Ingo Plag, University of Düsseldorf)**, “The articulation of morphologically complex words”, *University of Tübingen (Dr. Fabian Tomaschek)*.
- 2016-2020 **Education Fund Management Institution, Indonesia (Lembaga Pengelola Dana Pendidikan) PhD scholarship**, to *Karlina Denistia*, *University of Tübingen*.
Host.
- 2015-2017 **Alexander von Humboldt Foundation post-doctoral fellowship**, to *Dr. Koji Miwa*, *University of Tübingen*.
Host.
- 2014-2015 **British Academy Skills Acquisition Award**, to *Dr. Melanie Bell*, *Anglia Ruskin University*, funding research visits to Tübingen.
Host.
- 2014-2015 **British Academy Skills Acquisition Award**, to *Dr. Cecile de Cat*, *University of Leeds*, funding research visits to Tübingen.
Host.
- 2014-2015 **British Academy Skills Acquisition Award**, to *Dr. Dagmar Divjak*, *University of Sheffield*, funding research visits to Tübingen.
Host.
- 2013-2014 **British Academy Skills Acquisition Award**, to *Dr. Lotte Meteyard*, *University of Reading*, funding research visits to Tübingen.
Host.
- 2012-2013 **Dutch Research Council (NWO) ‘Rubicon’ post-doctoral fellowship**, to *Dr. Martijn Wieling*, “Investigating language variation physically”, *University of Tübingen*.
Host.
- 2008-2010 **Social Sciences and Humanities Research Council (SSHRC) Standard Research Grant**, “Lexical processing in discourse: a corpus-based approach”, *University of Alberta*, Edmonton.
- 2003-2005 **Dutch Research Council (NWO) Collaborative grant ‘NWO Klein Programma’**, “Morphophonological adaptation in spoken Dutch”, *University of Nijmegen*.

computer skills

- Operating systems Linux
- Office suites OpenOffice
- Programming skills AWK, C, TCL-TK, PYTHON, R

Mark-up languages \LaTeX , HTML
Scientific software R

languages

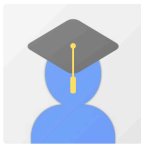
Dutch native
English near native
German intermediate
French intermediate
Greek reading knowledge
Latin reading knowledge
Akkadian reading knowledge
Tiberian reading knowledge
Hebrew

PhD students

- Karlina Denistia**, University of Tübingen.
Tino Sering, supervised together with Butz, M., University of Tübingen.
Kaidi Lõo, supervised together with Jarvikivi, J., University of Alberta.
- 2016 **June Sun**, *Lexical Processing in Simplified Chinese: An Investigation Using a New Large-Scale Lexical Database*, University of Tübingen.
- 2015 **Peter Hendrix**, *Experimental Explorations of a Discrimination Learning Approach to Language Processing*, University of Tübingen.
Kristina Geeraert, *Climbing on the bandwagon of idiomatic variation: A multi-methodological approach*, supervised together with Newman, J., University of Alberta.
- 2014 **Guangting Wang**, *Chinese compound processing in sentences with rapid serial visual presentation*, University of Alberta.
Hien Pham, *Visual processing of Vietnamese compound words: A multivariate analysis using corpus linguistic and psycholinguistic paradigms*, supervised together with Tucker, B., University of Alberta.
- 2013 **Philip Dilts**, *Emergence of wordlikeness in the mental lexicon: Language, population, and task effects in visual word recognition*, supervised together with Tucker, B., University of Alberta.
Koji Miwa, *Emergence of wordlikeness in the mental lexicon: Language, population, and task effects in visual word recognition*, supervised together with Bolger, P., University of Alberta.
- 2012 **Karen Keune**, *Explaining register and sociolinguistic variation in the lexicon: Corpus studies on Dutch*, supervised together with Hout, R. van, University of Nijmegen.
Martijn Wieling, *A Quantitative Approach to Social and Geographical Dialect Variation*, supervised together with Nerbonne, J., University of Groningen.
- 2011 **Laura Teddman**, *An Experimental Investigation of Suffix Ordering in English*, University of Alberta.
Georgie Columbus, *Multiword units in sentence reading and unit presentation using ERP and eye movement data*, supervised together with Bolger, P., University of Alberta.
- 2010 **Karin Nault**, *Morphological therapy protocol*, supervised together with Libben, G., University of Alberta.
Wieke Tabak, *Semantics and (Ir)regular Inflection in Morphological Processing*, supervised together with Schreuder, R., and M. Ernestus, University of Nijmegen.
- 2008 **Laura Winther Balling**, *Morphological Effects in Danish Auditory Word Recognition*, supervised together with Bohn, O.-S., and S. Vikner, University of Aarhus, Denmark.

- Victor Kuperman**, *Lexical processing of morphologically complex words: an information-theoretical perspective*, supervised together with Schreuder, R., and M. Ernestus, University of Nijmegen, The Netherlands.
- 2007 **Mark Pluymakers**, *Frequency effects in the acoustic realization of morphologically complex words*, supervised together with Ernestus, M., and R. Schreuder, University of Nijmegen, The Netherlands.
- Heidrun Bien**, *On the production of morphologically complex words with special attention to effects of frequency*, supervised together with Levelt, W. J. M., University of Nijmegen, The Netherlands.
- 2004 **Rachel Kemps**, *Morphology in auditory lexical processing: sensitivity to fine phonetic detail and insensitivity to suffix reduction*, supervised together with Schreuder, R., and M. Ernestus, University of Nijmegen, The Netherlands.
- 2003 **Fermin Moscoso del Prado Martin**, *Paradigmatic structures in morphological processing*, supervised together with Schreuder, R., University of Nijmegen, The Netherlands.
- 2002 **Nivja de Jong**, *Morphological families in the mental lexicon*, supervised together with Schreuder, R., University of Nijmegen, The Netherlands.
- 2001 **Andrea Krott**, *Analogy in morphology: the selection of linking elements in Dutch compounds*, supervised together with Schreuder, R., University of Nijmegen, The Netherlands.

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 linguistics, statistics, morphology, cognitive models of language processing
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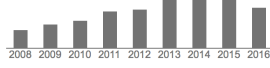
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Title	1-20	Cited by	Year
The {CELEX} lexical data base on (CD-ROM)	RH Baayen, R Piepenbrock, H van Rijn Linguistic Data Consortium	4384	1993
Mixed-effects modeling with crossed random effects for subjects and items	RH Baayen, DJ Davidson, DM Bates Journal of memory and language 59 (4), 390-412	3369	2008
Analyzing linguistic data: A practical introduction to statistics using R	RH Baayen Cambridge University Press	3006	2008
Word frequency distributions	RH Baayen Springer Science & Business Media	769	2001
Modeling Morphological Processing	R Schreuder, RH Baayen Morphological aspects of language processing, 131-154	721	2013
Predicting the dative alternation	J Bresnan, A Cueni, T Nikitina, RH Baayen Cognitive foundations of interpretation, 69-94	635	2007
languageR: Data sets and functions with "Analyzing Linguistic Data: A practical introduction to statistics"	RH Baayen R package version 1 (1)	568	2011

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Citation indices	All	Since 2011
Citations	25590	15693
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Co-authors [View all...](#)

- robert schreuder
- Mirjam Ernestus
- Fermin Moscoso del Prado Martin
- Petar Milin
- Victor Kuperman
- Jennifer Hay
- Michael Ramscar
- Martijn Wieling
- Ingo Plag
- John Nerbonne
- Laurie Feldman
- Shravan Vasishth
- Reinhold Kliegl
- Benjamin V. Tucker
- Fabian Tomaschek

books and edited volumes (5)

Baayen, R. H. (2008). *Analyzing Linguistic Data: A practical introduction to statistics using R*. Cambridge University Press, Cambridge, UK [\[preprint\]](#) [\[url\]](#)

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Baayen, R. H., and R. Schreuder, (Eds.) (2003). *Morphological Structure in Language Processing*. De Gruyter Mouton, Berlin. [\[url\]](#)

Baayen, R. H. (2001). *Word Frequency Distributions*. Kluwer Academic Publishers, Dordrecht. [\[url\]](#)

Baayen, R. H., and J. d. Waard, (Eds.) (1990). *Aspecten van Bijbelvertalen*. Nederlands Bijbelgenootschap, Haarlem.

Baayen, R. H. (1989). *A corpus-based approach to morphological productivity. Statistical Analysis and Psycholinguistic Interpretation*. Free University, Amsterdam, Netherlands.

submitted/under revision (3)

Baayen, R. H., and D. Divjak. Ordinal GAMMs: a new window on human ratings.

Bröker, F., S. Thiele, F. Tomaschek, B. Kaup, M. Ramscar, and R. H. Baayen. The articulation of yes in German is influenced by spatial semantics.

Lõo, K., J. Jarvikivi, and R. H. Baayen. Whole-word frequency and inflectional paradigm size facilitate Estonian case-inflected noun processing.

accepted/in press (6)

2017

Ramscar, M., C. C. Sun, P. Hendrix, and R. H. Baayen. The Mismeasurement Of Mind: Lifespan Changes in Paired Associate Test Scores Reflect The ‘Cost’ Of Learning, Not Cognitive Decline. *Psychological Science*. [\[preprint\]](#)

2016

Baayen, R. H., J. van Rij, C. de Cat, and S. Wood. Autocorrelated errors in experimental data in the language sciences: Some solutions offered by Generalized Additive Mixed Models. In Speelman, D., K. Heylen and D. Geeraerts (Eds.) *Mixed Effects Regression Models in Linguistics*. Springer, Berlin. [\[preprint\]](#)

Baayen, R. H., F. Tomaschek, S. Gahl, and M. Ramscar. The Ecclesiastes principle in language change. In Hundt, M., S. Mollin and S. Pfenninger (Eds.) *The changing English language: Psycholinguistic perspectives*. Cambridge University Press, Cambridge, UK. [\[preprint\]](#)

Milin, P., D. Divjak, and R. H. Baayen. A learning perspective on individual differences in skilled reading: Exploring and exploiting orthographic and semantic discrimination cues. *Journal of Experimental Psychology*. [\[preprint\]](#)

Ramscar, M., and R. H. Baayen. Learning and cognitive maturation. In Krauss Whitbourne, S. (Ed.) *The Encyclopedia of Adulthood and Aging*. Wiley-Blackwell. [\[preprint\]](#)

Wieling, M., E. Valls, R. H. Baayen and J. Nerbonne. Border effects among catalan dialects. In Speelman, D., K. Heylen and D. Geeraerts (Eds.) *Mixed Effects Regression Models in Linguistics*. Springer: Quantitative Methods in the Humanities and Social Sciences. [\[preprint\]](#)

journal articles (143)

2017

Arnold, D., F. Tomaschek, K. Sering, F. Lopez, and R. H. Baayen. Words from spontaneous conversational speech can be recognized with human-like accuracy by an error-driven learning algorithm that discriminates between meanings straight from smart acoustic features, bypassing the phoneme as recognition unit. [\[doi\]](#)

- Baayen, R. H., S. Vasishth, R. Kliegl, and D. Bates. (2017). The cave of shadows. Addressing the human factor with generalized additive mixed models. *Journal of Memory and Language*, 94: 206 – 234. [preprint] [doi] [supplementCave]
- Geeraert, K., J. Newman, and R. H. Baayen. (2017). Idiom variation: Experimental data and a blueprint of a computational model. In Christiansen, M. and I. Arnon (Eds.) *More than Words: The Role of Multiword Sequences in Language Learning and Use. Special issue of Topics in Cognitive Science*. [preprint] [doi]
- Matuschek, H., R. Kliegl, S. Vasishth, R. H. Baayen, and D. Bates (2017). Balancing type i error and power in linear mixed models. *Journal of Memory and Language*, 94, 305 - 315. [preprint] [doi]
- Milin, P., L. B. Feldman, M. Ramscar, P. Hendrix, and R. H. Baayen (2017). Discrimination in lexical decision. *PLoS ONE*. [preprint] [paper package]

2016

- Baayen, R. H., P. Milin, and M. Ramscar (2016). Frequency in lexical processing. *Aphasiology*, 30: 1174 – 1220. [preprint] [doi]
- Hendrix, P., P. Bolger, and R. H. Baayen (2016). Distinct ERP signatures of word frequency, phrase frequency, and prototypicality in speech production. *Journal of Experimental Psychology LMC*, 1 - 45. [preprint] [doi]
- Milin, P., D. Divjak, S. Dimitrijević, and R. H. Baayen (2016). Towards cognitively plausible data science in language research. *Cognitive Linguistics*, 27: 507-526. [doi]
- Nixon, J., J. van Rij, P. Mok, R. H. Baayen, and Y. Chen (2016). The temporal dynamics of perceptual uncertainty: eye movement evidence from Cantonese segment and tone perception. *Journal of Memory and Language*, 90: 103 - 125. [doi]
- Stolarova, M., A. Brielmann, C. Wolf, T. Rinker, T. Burke, and R. H. Baayen (2016). Early vocabulary in relation to gender, bilingualism, type and duration of childcare. *Advances in Cognitive Psychology*, 12: 130–144. [preprint] [doi]
- Wieling, M., F. Tomaschek, D. Arnold, M Tiede, F. Bröker, S. Thiele, S. N. Wood, and R. H. Baayen (2016). Investigating dialectal differences using articulography. *Journal of Phonetics*, 59: 122 - 143. [preprint] [doi]

2015

- Baayen, R. H., C. Shaoul, J. Willits, and M. Ramscar (2015). Comprehension without segmentation: A proof of concept with naive discriminative learning. *Language, Cognition, and Neuroscience*, 31: 106–128. [preprint] [doi]
- DeCat, C., E. Klepousniotou, and R. H. Baayen (2015). Representational deficit or processing effect? An electrophysiological study of noun-noun compound processing by very advanced L2 speakers of English. *Frontiers in Psychology (Language Sciences)*, 6: 77. [preprint] [doi]
- Mulder, K., T. Dijkstra and R. H. Baayen (2015). Cross-language activation of morphological relatives in cognates: the role of orthographic overlap and task-related processing. *Frontiers in Human Neuroscience*, 9: 16. [doi]
- Pham, H., and R. H. Baayen (2015). Vietnamese compounds show an anti-frequency effect in visual lexical decision. *Language, Cognition, and Neuroscience*, 30: 1077–1095. [preprint] [doi]

2014

- Mulder, K., T. Dijkstra, R. Schreuder, and R. H. Baayen (2014). Effects of primary and secondary morphological family size in monolingual and bilingual word processing. *Journal of Memory and Language*, 72: 59–84. [preprint] [doi]
- Ramscar, M., and R. H. Baayen (2014). The myth of cognitive decline: why our minds improve as we age. *New Scientist*, 2961: 28–29. [preprint] [doi]

- Ramscar, M., P. Hendrix, C. Shaoul, P. Milin, and R. H. Baayen (2014). The myth of cognitive decline: Nonlinear dynamics of lifelong learning. *Topics in Cognitive Science*, 6: 5–42. [doi]
- Shaoul, C., R. H. Baayen, and C. F. Westbury (2014). N-gram probability effects in a cloze task. *The Mental Lexicon*, 9: 437–472. [preprint] [doi]
- Wieling, M., S. Montemagni, J. Nerbonne, and R. H. Baayen (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. [preprint]
- Wieling, M., J. Nerbonne, J. Bloem, C. Gooskens, W. Heeringa, and R. H. Baayen (2014). A cognitively grounded measure of pronunciation distance. *PloS ONE*, 9(1): e75734. [preprint] [doi]

2013

- Baayen, R. H., P. Hendrix, and M. Ramscar (2013). Sidestepping the Combinatorial Explosion: An Explanation of n -gram Frequency Effects Based on Naive Discriminative Learning. *Language and Speech*, 56: 329–347. [preprint] [doi]
- Baayen, R. H., L. A. Janda, T. Nessel, A. Endresen, and A. Makarova (2013). Making choices in Russian: Pros and cons of statistical methods for rival forms. *Russian Linguistics*, 37: 253–291. [preprint] [doi]
- Kösling, K., G. Kunter, R. H. Baayen, and I. Plag (2013). Prominence in triconstituent compounds: Pitch contours and linguistic theory. *Language and Speech*, 56(4): 529–554. [preprint] [doi]
- Miwa, K., T. Dijkstra, P. Bolger, and R. H. Baayen (2013). Reading English with Japanese in mind: Effects of frequency, phonology, and meaning in different-script bilinguals. *Bilingualism: Language and Cognition*, 17: 445–463. [preprint] [doi]
- Miwa, K., G. Libben, T. Dijkstra, and R. H. Baayen (2013). The time-course of lexical activation in Japanese morphographic word recognition: Evidence for a character-driven processing model. *The Quarterly Journal of Experimental Psychology*, 67(1): 79–113. [preprint] [doi]
- Pham, H., and R. H. Baayen (2013). Semantic relations and compound transparency: A regression study in carin theory. *Psychologia*, 46(4): 455–478. [doi]
- Ramscar, M., and R. H. Baayen (2013). Production, comprehension, and synthesis: A communicative perspective on language. *Frontiers in Psychology*. [preprint] [doi]
- Ramscar, M., P. Hendrix, B. Love, and R. H. Baayen (2013). Learning is not decline: The mental lexicon as a window into cognition across the lifespan. *The Mental Lexicon*, 8: 450–481. [preprint] [doi]
- Shaoul, C., C. F. Westbury, and R. H. Baayen (2013). The subjective frequency of word n -grams. *Psihologija*, 46(4): 497–537. [doi]

2012

- Baayen, R. H. (2012). Learning from the Bible: computational modelling of the costs of letter transpositions and letter exchanges in reading Classical Hebrew and Modern English. *Lingue e linguaggio*, 11(2): 123–146. [preprint] [doi]
- Balling, L., and R. H. Baayen (2012). Probability and surprisal in auditory comprehension of morphologically complex words. *Cognition*, 125: 80–106. [preprint] [doi]
- Blom, E., and R. H. Baayen (2012). The impact of verb form, sentence position, home language and second language proficiency on subject-verb agreement in child second language Dutch. *Applied Psycholinguistics*, 34: 777–811. [preprint] [doi]
- Kryuchkova, T., B. V. Tucker, L. Wurm, and R. H. Baayen (2012). Danger and usefulness in auditory lexical processing: Evidence from electroencephalography. *Brain and Language*, 122: 81–91. [preprint] [doi]
- Perdijk, K., R. Schreuder, R. H. Baayen, and L. Verhoeven (2012). Effects of morphological Family Size for young readers. *British Journal of Developmental Psychology*, 30: 432–445. [doi]

Tagliamonte, S., and R. H. Baayen (2012). Models, forests and trees of York English: *Was/were* variation as a case study for statistical practice. *Language Variation and Change*, 24: 135–178. [[preprint](#)] [[doi](#)]

2011

Baayen, R. H. (2011). Corpus linguistics and naive discriminative learning. *Brazilian Journal of Applied Linguistics*, 11: 295–328. [[preprint](#)] [[doi](#)]

Baayen, R. H., P. Milin, D. Filipović Durdević, P. Hendrix, and M. Marelli (2011). An amorphous model for morphological processing in visual comprehension based on naive discriminative learning. *Psychological Review*, 118: 438–482. [[preprint](#)] [[doi](#)]

Bertram, R., V. Kuperman, R. H. Baayen, and J. Hyönä (2011). The hyphen as a segmentation cue in triconstituent compound processing: It's getting better all the time. *Scandinavian journal of psychology*, 52: 530–544. [[doi](#)]

Bien, H., R. H. Baayen, and W. Levelt (2011). Frequency effects in the production of Dutch deverbal adjectives and inflected verbs. *Language and Cognitive Processes*, 27: 683–715. [[preprint](#)] [[doi](#)]

Miwa, K., G. Libben, and R. H. Baayen (2011). Semantic radicals in Japanese two-character word recognition. *Language and Cognitive Processes*, 27: 142–158. [[preprint](#)] [[doi](#)]

Wieling, M., J. Nerbonne, and R. H. Baayen (2011). Quantitative Social Dialectology: Explaining Linguistic Variation Geographically and Socially. *PLoS ONE*, 6(9): e23613. [[preprint](#)] [[doi](#)]

2010

Baayen, R. H. (2010). Assessing the processing consequences of segment reduction in Dutch with naive discriminative learning. *Lingue & Linguaggio*, 2: 95–112. [[preprint](#)] [[doi](#)]

Baayen, R. H. (2010). Demythologizing the word frequency effect: A discriminative learning perspective. *The Mental Lexicon*, 5: 436–461. [[preprint](#)] [[doi](#)]

Baayen, R. H. (2010). A real experiment is a factorial experiment? *The Mental Lexicon*, 5(1): 149–157. [[preprint](#)] [[doi](#)]

Baayen, R. H., and P. Milin (2010). Analyzing Reaction Times. *International Journal of Psychological Research*, 3: 12–28. [[preprint](#)] [[doi](#)]

Chesley, P., and R. H. Baayen (2010). Predicting new words from newer words: Lexical borrowings in French. *Linguistics*, 48: 1343–1373. [[preprint](#)] [[doi](#)]

Dijkstra, T., K. Miwa, B. Brummelhuis, and R. H. Baayen (2010). How cross-language similarity and task demands affect cognate recognition. *Journal of Memory and Language*, 62: 284–301. [[preprint](#)] [[doi](#)]

Janda, L. A., T. Nessel, and R. H. Baayen (2010). Capturing correlational structure in Russian paradigms: A case study in logistic mixed-effects modeling. *Corpus linguistics and linguistic theory*, 6(1): 29–48. [[preprint](#)] [[doi](#)]

Kuperman, V., R. Bertram, and R. H. Baayen (2010). Processing trade-offs in the reading of Dutch derived words. *Journal of Memory and Language*, 62: 83–97. [[preprint](#)] [[doi](#)]

Tabak, W., R. Schreuder, and R. H. Baayen (2010). Producing inflected verbs: A picture naming study. *The Mental Lexicon*, 5(1): 22–46. [[preprint](#)] [[doi](#)]

2009

Kuperman, V., R. Schreuder, R. Bertram, and R. H. Baayen (2009). Reading polymorphemic Dutch compounds: Toward a multiple route model of lexical processing. *Journal of Experimental Psychology: HPP*, 35: 876–895. [[preprint](#)] [[doi](#)]

Plag, I., and R. H. Baayen (2009). Suffix ordering and morphological processing. *Language*, 85: 106–149. [[preprint](#)] [[doi](#)]

2008

- Baayen, R. H., D. J. Davidson, and D. Bates (2008). Mixed-effects modeling with crossed random effects for subjects and items. *Journal of Memory and Language*, 59: 390–412. [[preprint](#)] [[doi](#)]
- Balling, L., and R. H. Baayen (2008). Morphological effects in auditory word recognition: Evidence from Danish. *Language and Cognitive Processes*, 23: 1159–1190. [[preprint](#)] [[doi](#)]
- Kuperman, V., R. Bertram, and R. H. Baayen (2008). Morphological dynamics in compound processing. *Language and Cognitive Processes*, 23: 1089–1132. [[preprint](#)] [[doi](#)]
- Kuperman, V., M. Ernestus, and R. H. Baayen (2008). Frequency distributions of uniphones, diphones, and triphones in spontaneous speech. *JASA*, 124: 3897–3908. [[preprint](#)] [[doi](#)]
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2007

- Baayen, R. H., L. H. Wurm, and J. Aycok (2007). Lexical dynamics for low-frequency complex words. a regression study across tasks and modalities. *The Mental Lexicon*, 2: 419–463. [[preprint](#)] [[doi](#)]
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- Ernestus, M., and R. H. Baayen (2007). Paradigmatic effects in auditory word recognition: The case of alternating voice in Dutch. *Language and Cognitive Processes*, 22: 1–24. [[preprint](#)] [[doi](#)]
- Krott, A., R. Schreuder, R. H. Baayen, and W. Dressler (2007). Analogical effects on linking elements in German compounds. *Language and Cognitive Processes*, 22: 25–57. [[preprint](#)] [[doi](#)]
- Kuperman, V., M. Pluymaekers, M. Ernestus, and R. H. Baayen (2007). Morphological predictability and acoustic duration of interfixes in Dutch compounds. *JASA*, 121: 2261–2271. [[preprint](#)] [[doi](#)]

2006

- Baayen, R. H., L. F. Feldman, and R. Schreuder (2006). Morphological influences on the recognition of monosyllabic monomorphemic words. *Journal of Memory and Language*, 55: 290–313. [[preprint](#)] [[doi](#)]
- Ernestus, M., and R. H. Baayen (2006). Meervouden in nederlandse dialecten: Stamalternantie onderhoudt suffixvariatie. (plurals in Dutch dialects: stemalternations support suffix variation.). *Taal en Tongval*, 18: 106–115. [[url](#)]
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Baayen, R. H., Naive discriminative learning and usage-based models of grammar. 11TH INTERNATIONAL LINGUISTICS CONFERENCE, July 16, Xi'an, China (invited).

Baayen, R. H., Exploring Linguistic Components of Evoked Response Potentials with Generalized Additive Models (GAMs). SPEECH PRODUCTION WORKSHOP, UNIVERSITY OF ILLINOIS AND BECKMAN INSTITUTE FOR ADVANCED SCIENCE AND TECHNOLOGY, Urbana, May 6, 2011 (invited).

Baayen, R. H., Resource requirements for neo-generative modeling in (psycho)linguistics. WORKSHOP ON LEXICAL RESOURCES IN PSYCHOLINGUISTIC RESEARCH, Berlin, March 28, 2011 (invited).

Arppe, A., and R. H. Baayen, Statistical classification and principles of human learning. QITL-4, Berlin, March 30, 2011.

Baayen, R. H., Relative entropy and naive discriminative learning. WORKSHOP ON INFORMATION THEORY AND SIMULATIONS IN MORPHOLOGY, San Diego, January 15, 2011 (invited).

Tremblay, A., R. H. Baayen, B. Derwing, G. Libben, B. V. Tucker, C. Westbury, Empirical evidence for an inflationist lexicon. WORKSHOP ON EMPIRICALLY EXAMINING PARSIMONY AND REDUNDANCY IN USAGE-BASED MODELS AT THE LINGUISTICS SOCIETY OF AMERICA ANNUAL MEETING, Pittsburgh, January 8, 2011.

2010 R. H. Baayen, A. Tremblay, and P. Hendrix, Exploring Linguistic Components of Evoked Response Potentials with Generalized Additive Models (GAMS). SOCIETY FOR PSYCHOPHYSIOLOGICAL RESEARCH 50TH ANNUAL MEETING, Portland, October 1, 2010.

Baayen, R. H., P. Hendrix, M. Marelli, P. Milin, A new model of morphological processing in reading using discriminative learning. ANNUAL CONFERENCE ON ARCHITECTURES AND MECHANISMS FOR LANGUAGE PROCESSING (AMLAP 2011), York, September 6, 2010.

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Baayen, R. H., From nominal case in Serbian to prepositions in English: Modeling exemplar and prototype effects without exemplars and without prototypes. WORKSHOP PROBABILISTIC SYNTAX, Freiburg Institute for Advanced Studies, Freiburg, March 22, 2010 (invited).

Baayen, R. H., The directed compound graph of English: An exploration of lexical connectivity and its processing consequences, AUSTRALASIAN MATHEMATICAL PSYCHOLOGY CONFERENCE, Margaret River, Australia, February 15, 2010.

2009 Baayen, R. H., P. Hendrix, P. Milin, and D. Filipović-Durdević, There is more to prime than meets the eye, ARIZONA LINGUISTICS CLUB, Tucson, Arizona, October 31, 2009 (invited).

Baayen, R. H., Exploring interactions involving numerical predictors. WORKSHOP STATISTICAL TOOLS, NWA 38 , Ottawa, Canada, October 22, 2009 (invited).

Baayen, R. H., P. Hendrix, P. Milin, and D. Filipović-Durdević, There is more to prime than meets the eye. ESF WORKSHOP ' WORDS IN ACTION: INTERDISCIPLINARY APPROACHES TO UNDERSTANDING WORD PROCESSING AND STORAGE , Pisa, Italy, 11-14 October, 2009 (invited).

Baayen, R. H., C. Shaoul, G. Columbus, A. Tremblay, and V. Kuperman, The processing of multiword expressions, 28TH INTERNATIONAL CONFERENCE ON LEXIS AND GRAMMAR, Bergen, Norway, September 30, 2009 (keynote).

Baayen, R. H., T. Kryuchkova, and A. Vickerman, Ordering constraints in English derivation and compounding, 2ND VIENNA WORKSHOP ON AFFIX ORDER, AFFIX ORDER IN SLAVIC AND LANGUAGES WITH SIMILAR MORPHOLOGY, Vienna, Austria (keynote).

Baayen, R. H., Advanced issues in multilevel model building and evaluation. PRE-CONFERENCE CUNY WORKSHOP ON ORDINARY AND MULTILEVEL MODELS, Davis, USA.

Baayen, R. H., Four problems for theories of morphological processing 6TH INTERNATIONAL MORPHOLOGICAL PROCESSING CONFERENCE, Turku, Finland (invited).

- 2008 Baayen, R. H., P. Hendrix, W. Tabak, and R. Schreuder, Electrophysiological effects in language production: a picture naming study using generalized additive modeling. WECOL, Davis, USA (invited).
- Baayen, R. H., P. Hendrix, W. Tabak, and R. Schreuder, Electrophysiological effects in language production: a picture naming study using generalized additive modeling. 6TH INTERNATIONAL CONFERENCE ON THE MENTAL LEXICON, Banff.
- Baayen, R. H., An exemplar-based approach to semi-productivity. WORKSHOP ON SEMI-PRODUCTIVITY, Tufts University, 2008 (invited).
- Baayen, R. H., Co-occurrence below and above the word level: exploring language at the intersection of corpus linguistics, psycholinguistics and statistics. AACL, Provo, 2008 (invited).
- Baayen, R. H., Using R for corpus linguistics. AACL, Provo, 2008 (pre-conference workshop tutorial).
- Baayen, R. H., Frequency effects in compounding, COMPONENT CONGRESS ON COMPOUNDING, Bologna, 2008 (invited).
- Baayen, R. H., Exemplar-driven approaches to linguistic generalizations, CSCA SUMMER SCHOOL 2008, WORKSHOP COGNITIVE MODELING: CONTRASTING PERSPECTIVES, Amsterdam, 2008 (invited).
- Miwa, K., G. Libben, and R. H. Baayen, Seeing water in desert: semantic radical activation in visual Japanese compound recognition. CANADIAN LINGUISTIC ASSOCIATION, Vancouver, 2008.
- Tremblay, A., R. H. Baayen, B. Derwing, G. Libben, and C. Westbury, Lexical bundles and working memory: An ERP study. FORMULAIC LANGUAGE RESEARCH NETWORK CONFERENCE, Nottingham, 2008.
- 2007 Baayen, R. H., Dynamics and complexity in language processing. WORKSHOP ON DYNAMICS AND COMPLEXITY OF PEOPLES AND SOCIETIES, Northwestern, October 2007 (invited).
- Baayen, R. H., Probing Lexical Processing in Modern Dutch Poetry. LSA FORM LECTURE, Stanford, July 2007 (invited).
- Baayen, R. H., Co-occurrence below and above the word level: A psycholinguistic approach. ICAME, Stratford-upon-Avon, May 2007 (invited).
- 2006 Baayen, R. H., and F. Moscoso del Prado Martín, Bits and pieces of an information theoretical approach to inflectional paradigms. ANALOGY IN GRAMMAR: FORM AND ACQUISITION, Leipzig, September 2006 (invited).
- Pluymaekers, M., M. Ernestus, R. H. Baayen, and G. Booij, Morphological effects on fine phonetic detail: The case of Dutch -igheid. LABPHON, Paris, June 2006.
- Keune, K., R. van Hout, and R. H. Baayen, Socio-geographical variation in morphological productivity in spoken Dutch: a comparison of statistical techniques. JADT, Becanson, April 2006.
- Baayen, R. H., Experimental Evidence for Word and Paradigm Morphology. LINGUISTIC SOCIETY OF AMERICA, Albuquerque, January 2006.

- 2005 Baayen, R. H., F' , F_1 and F_2 , or only F_1 ? — and what statisticians have accomplished in the mean time. A conceptual introduction to multilevel modeling for experimental data with subjects and items. SECOND MULTILINGUAL ACQUISITION AND PROCESSING WORKSHOP, Potsdam, September–October 2005 (invited).
- De Vaan, L., R. Schreuder, and R. H. Baayen, R. H., Regular morphologically complex neologisms leave detectable traces in the mental lexicon. ARCHITECTURES AND MECHANISMS FOR LANGUAGE PROCESSING, Ghent, September 2005.
- Bien, H., R. H. Baayen, and W. J. M. Levelt, The Role of Frequency Information in Compound Production. EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY, Leiden, August–September 2005.
- Ernestus, M., M. Lahey, F. Verhees, and R. H. Baayen, Lexical frequency and voice assimilation. EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY, Leiden, August–September 2005.
- Pluymaekers, M., M. Ernestus, and R. H. Baayen, Lexical Frequency and Affix Reduction in Conversational and Laboratory Speech. EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY, Leiden, August 2005.
- Tabak, W., R. Schreuder, and R. H. Baayen, Evidence Against Dual Route Modelling: Semantics and (Ir)regularity. EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY, Leiden, August–September 2005.
- Baayen, R. H., Why corpora are changing linguistics. JOURNÉES D'ETUDE TOULOUSAINES EN SCIENCES DU LANGAGE: RÔLE ET PLACE DES CORPUS EN LINGUISTIQUE, Toulouse, July 2005 (invited).
- Baayen, R. H., Productivity: Theories. WORD FORMATION THEORIES WORKSHOP, Prešov, July 2005 (invited).
- Baayen, R. H., W. Tabak, and R. Schreuder, Semantic density and (ir)regularity. FOURTH INTERNATIONAL MORPHOLOGY WORKSHOP, Cambridge (UK), June 2005 (invited).
- Keune, K., M. Ernestus, R. van Hout, and R. H. Baayen, Social, geographical, and register variation in Dutch: From written 'mogelijk' to spoken 'mok'. ACH/ALLC 2005, Victoria, June 2005 (invited).
- Pluymaekers, M., M. T. C. Ernestus, and R. H. Baayen, Informational redundancy and acoustic reduction in spoken Dutch. UTRECHT TIN-DAG, Utrecht, January 2005 (invited).
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- 2003 Baayen, R. H., Subjects, items, and statistical modeling. MENTAL LEXICON RESEARCH GROUP MEETING Vienna, October, 2003 (invited).

Baayen, R. H., and L. B. Feldman, PCA regression. MENTAL LEXICON RESEARCH GROUP MEETING, Vienna, October, 2003 (invited).

Moscoso del Prado Martín, F., and R. H. Baayen, Using the structure found in time: Building real-scale orthographic and phonetic representations by accumulation of expectations. THE EIGHTH NEURAL COMPUTATION AND PSYCHOLOGY WORKSHOP, Canterbury, August 2003.

Baayen, R. H., An introduction to multi-level or mixed-effect models. PSYCHOLINGUISTICS IN FLANDERS, Ghent, June 2003 (invited).

Baayen, R. H., F. Moscoso del Prado Martín, A. Deutsch, R. Frost, R. Bertram, T. Dijkstra, and R. Schreuder, Family size effects in Hebrew, Finnish, Dutch, and English: A progress report. THIRD INTERNATIONAL MORPHOLOGY WORKSHOP, Aix en Provence, June 2003 (invited).

Baayen, R. H., Word Frequency and its formal and semantic correlates: A multivariate approach to the interpretation of word frequency. QUALICO 2003, Athens, Virginia, May 2003.

Baayen, R. H., Questioning the unquestionable: Semantic density and past-tense formation in three Germanic languages. PRODUCTIVITY WORKSHOP, Paris, May 2003 (invited).

Baayen, R. H., The semantics of irregularity: an exercise in interdisciplinary data mining. FOUR CORNERS WORKSHOP, Max Planck Institute for Psycholinguistics, Nijmegen, May 2003 (invited).

Baayen, R. H., Semantics and the productivity of past-tense forms. WORKSHOP DFG TAGUNG, München, February 2003 (invited).

Baayen, R. H., Some issues in morphological processing. IGERT WORKSHOP, John Hopkins University, Baltimore, January 2003 (invited).

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- Krott, A., and R. H. Baayen, Similarity in Production. EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY XII, Edinburgh, September 2001.
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- Baayen, R. H., and R. Schreuder, Modeling the presence and absence of frequency effects for regular plural inflections in Dutch and German. 2ND INTERNATIONAL WORKSHOP ON MORPHOLOGICAL PROCESSING, Nijmegen, June 2001.
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- 2000 Baayen, R. H., Analogy in Morphological Processing: the case of Dutch linking elements. FAZ MORPHOLOGY WORKSHOP, Berlin, December 2000 (invited).
- Baayen, R. H., Analogy in Morphological Processing MORPHOLOGY MEETING, University of Brighton, November 2000 (invited).
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- Schreuder, R., R. H. Baayen, and N. H. de Jong, Morphological families in the mental lexicon: experimental data and modeling. NWO-TAIWAN JOINT WORKSHOP ON COGNITIVE SCIENCE, April 2000.
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- 1995 Baayen, R. H., Chronicling ‘The Times’: Lexical innovations in an English newspaper. WORKSHOP ON TERMINOLOGY, INFORMATION RETRIEVAL, AND LINGUISTICS, Rome, October 1995 (invited).
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1989 Baayen, R. H., Corpusgebaseerd onderzoek naar morfologische produktiviteit. MORPHOLOGY DAYS, Leuven, Belgium, September 1989.

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Baayen, R. H., The accumulation of knowledge at three timescales, HRI VISITING FELLOW PROGRAMME, Sheffield, UK, June 28, 2016.

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- Baayen, R. H., Generalized Additive Mixed Models, UNIVERSITY OF KANSAS, Lawrence, USA, January 20, 2016.
- Baayen, R. H., Implicit morphology, UNIVERSITY OF KANSAS, Lawrence, USA, January 20, 2016.
- Baayen, R. H., Generalized Additive Mixed Models, BROCK UNIVERSITY, St. Catharines, Canada, January 18, 2016.
- 2015 Baayen, R. H., Implicit morphology, UNIVERSITY OF CANTERBURY, Christchurch, New Zealand, September 2015.
- Baayen, R. H., Generalized additive mixed models, UNIVERSITY OF CANTERBURY, Christchurch, New Zealand, September 2015.
- Baayen, R. H., Age of acquisition and subtitle frequencies: A critical assessment, UNIVERSITY OF CALIFORNIA AT BERKELEY, Berkeley, USA, September 2015.
- Baayen, R. H., Generalized Additive Mixed Models. VORTRAG SPRACHWISSENSCHAFTLICHES INSTITUT, BOCHUM, January 2015.
- 2014 Baayen, R. H., Der Linguist und Big Brother. VERANSTALTUNG DIGITALE GESELLSCHAFT – CHANCEN UND RISIKEN, Heidelberger Akademie, Heidelberg, November 2014.
- Baayen, R. H., Strategies for data analysis with mixed-effects models. COG-GÄSTEKOLLOQUIEN IM HS 14, Zürich, November 2014.
- Baayen, R. H., Understanding lexical processing with naive discrimination learning. COLLOQUIUM LECTURE, Salzburg, October 2014.
- Baayen, R. H., Using Generalized Additive Mixed Models for the analysis of experimental data. WORKSHOP, Salzburg, October 2014.
- Baayen, R. H., Generalized Additive Mixed Models. LEIDEN, October 2014.
- Baayen, R. H., M. Ramscar, P. Milin, and J. Blevins, Implicit morphology as a usage-based theory of lexical processing. USAGE-BASED THEORIES AND APPROACHES IN LINGUISTICS, Bolzano, May 2014.
- Baayen, R. H., Implicit Morphology. UNIVERSITY OF CAMBRIDGE, UK, February 6, 2014.
- Baayen, R. H., Generalized Additive Mixed Models. UNIVERSITY OF CAMBRIDGE, UK, February 6, 2014.
- Baayen, R. H., Nonlinear dynamics of lifelong learning: The myth of cognitive decline. UNIVERSITY OF CALIFORNIA AT BERKELEY, USA, January 16, 2014.
- 2013 Baayen, R. H., Naive discrimination learning as a framework for modeling aspects of language processing. UNIVERSITY OF ALBERTA, Edmonton, November 29, 2013.
- Baayen, R. H., Nonlinear dynamics of lifelong learning: The myth of cognitive decline. BROCK UNIVERSITY, St. Catharines, Canada, November 25, 2013.
- Baayen, R. H., Naive discrimination learning as a framework for modeling aspects of language processing. UNIVERSITY OF NEW YORK, New York, November 22, 2013.

Baayen, R. H., Naive discrimination learning as a framework for modeling aspects of language processing. UNIVERSITY OF ANTWERP, Antwerpen, November 19, 2013.

Baayen, R. H., The articulation of morphologically complex words. WORKSHOP SPOKEN MORPHOLOGY, Düsseldorf, August 19, 2013.

Baayen, R. H., V. Kuperman, and M. Ramscar, Decomposition makes things worse: A discrimination learning approach to the time course of understanding compounds in reading. OHIO STATE UNIVERSITY, Columbus, February 22, 2013.

Baayen, R. H., An introduction to Generalized Additive Mixed Models. OHIO STATE UNIVERSITY, Columbus, February 22, 2013.

Baayen, R. H., V. Kuperman, and M. Ramscar, Decomposition makes things worse: A discrimination learning approach to the time course of understanding compounds in reading. LABORATOIRE DE PSYCHOLOGIE COGNITIVE, CNRS, UNIVERSITÉ D'AIX-MARSEILLE (AMU), February 8, 2013.

2012 Baayen, R. H., How does language work?, HUMBOLDT LECTURE SERIES AT EBERHARD-KARLS UNIVERSITY, Tübingen, October 24, 2012.

Baayen, R. H., Workshop introduction to statistical analysis with R, LEEDS, March 20-21, 2012.

Baayen, R. H., and A. Tremblay, Workshop introduction to statistical analysis of ERP data using GAMs, READING, March 22-23, 2012.

2011 Baayen, R. H., Exploring Linguistic Components of Evoked Response Potentials with Generalized Additive Models (GAMs). COLLOQUIUM LECTURE, UNIVERSITY OF GRONINGEN, October 28, 2011.

Baayen, R. H., and A. Tremblay, Using generalized additive modeling to analyze electrophysiological data. WORKSHOP, UNIVERSITY OF GRONINGEN, October 27-28, 2011.

2010 Baayen, R. H., Classification with naive discriminative learning: from semantic activation in reading to the dative alternation. COMPUTATIONAL LINGUISTICS AND PSYCHOLINGUISTICS RESEARCH CENTER, ANTWERPEN, December 6, 2010.

Baayen, R. H., Mixed-effects modeling. TWO-DAY COURSE AND ONE-DAY CONSULTANCY, NORTHWESTERN UNIVERSITY, Evanston, June 14–16, 2010.

Baayen, R. H., From nominal case in Serbian to prepositions in English: Modeling exemplar and prototype effects without exemplars and without prototypes, GRONINGEN, The Netherlands, April 15, 2010.

Baayen, R. H., Mixed-effects modeling. TWO-DAY COURSE, GRONINGEN, The Netherlands, April 13-14, 2010.

Baayen, R. H., Mixed-effects modeling. ONE-DAY COURSE, SHEFFIELD, UK, April 11, 2010.

Baayen, R. H., and E. Dabrowska, Masterclass Experimental Methods in Linguistics Obtaining and using experimental data in linguistic research, 3-DAY COURSE, SHEFFIELD, UK, April 8-10, 2010.

Baayen, R. H., Mixed-effects modeling. TWO-DAY COURSE, FREIBURG, Germany, March 25-26, 2010.

- Baayen, R. H., Mixed-effects modeling. ONE-DAY COURSE, NEWCASTLE, Australia, February 9, 2010.
- Baayen, R. H. Mixed-effects modeling. ONE-DAY COURSE, PERTH, Australia, February 12, 2010.
- 2009 Baayen, R. H., P. Hendrix, P. Milin, and D. Filipović-Durdević, There is more to prime than meets the eye. TÜBINGEN, Germany, December 9, 2009.
- Baayen, R. H., Analyzing linguistic data with statistics. Two-day course, BERGEN, Norway, November 10-11, 2008.
- Baayen, R.H., A. Tremblay, P. Hendrix, and T. Kryuchkova, Modeling linguistic components of evoked response potentials with generalized additive models. BELGRADE, Serbia, June 2009.
- Baayen, R.H., A. Tremblay, P. Hendrix, and T. Kryuchkova, Modeling linguistic components of evoked response potentials with generalized additive models. READING, UK, May 2009.
- Baayen, R. H., T. Kryuchkova, and A. Vickerman, Complexity-based ordering? From affixes and affixoids to compounding. UNIVERSITY OF SIEGEN, Siegen, Germany, April 2009.
- Baayen, R. H., One-day seminar on statistical analysis with R. UNIVERSITY OF NEUCHATEL, Neuchatel, Switzerland, April 2009.
- Baayen, R.H., A. Tremblay, P. Hendrix, and T. Kryuchkova, Modeling linguistic components of evoked response potentials with generalized additive models. UNIVERSITY OF GENEVA, Switzerland, April 2009.
- 2008 Baayen, R.H., P. Hendrix, W. Tabak, and R. Schreuder, Electrophysiological effects in language production: a picture naming study using generalized additive modeling. STANFORD UNIVERSITY, Stanford, USA, November 2008.
- Baayen, R.H., P. Hendrix, W. Tabak, and R. Schreuder, Electrophysiological effects in language production: a picture naming study using generalized additive modeling. UNIVERSITY OF HELSINKI, Helsinki, Finland, December 2008.
- Baayen, R. H., (2008). Paradigmatic structure in language comprehension and speech production, ANTWERP, March 2008.
- 2007 Baayen, R. H. Three-day tutorial mixed-effects modeling. LSA INSTITUTE, Stanford, USA, July 2007.
- 2006 Baayen, R. H., Morphological productivity and morphological processing, STUTTGART, December 2006.
- Baayen, R. H., On the interpretation of frequency effects in comprehension and production, CAMBRIDGE, November 2006.
- Baayen, R. H., Spinning the yarn: Evidence for lexical competition during phonological encoding. GRONINGEN, May 2006.
- Baayen, R. H., Inflectional entropy and fine phonetic detail. EDMONTON, January 2006.
- 2004 Baayen, R. H., Semantic density and (ir)regularity. PARIS, January 2005; TARTU, December 2004; TURKU, December 2004; EDINBURGH, September 2004; CHRISTCHURCH, September 2004; SIEGEN, January 2004.

- Baayen, R. H., Productivity and semantic density. PARIS, January 2004.
- 2003 Baayen, R. H., Methodological problems in psycholinguistics. NIJMEGEN, October 2003.
- Baayen, R. H. (with M. Ernestus), Synchronic analogy and suboptimality. AMSTERDAM, May 2003.
- Baayen, R. H., Linear mixed effect modeling. Detroit, February 2003; EDMONTON, April 2002.
- 2002 Baayen, R. H., Probability in Morphology. MARBURG, January 2002.
- 2001 Baayen, R. H., Probabilistic morphology. OSNABRÜCK, December 2001.
- Baayen, R. H., The subjects as a simple random effect fallacy. HASKINS LABORATORIES, New Haven, January 2001.
- 2000 Baayen, R. H., Applied word frequency statistics: morphological mixtures, year distributions, and emerging vogue-affixes. BRIGHTON, November 2000.
- Baayen, R. H., Years in newspapers, and high-frequency items in LNRE distributions. Institut für maschinelle Sprachverarbeitung, STUTTGART, June 2000.
- 1998 Baayen, R. H., Family size effects in Morphology. ECOLE D'ÉTÉ MORPHOLOGIE 1998, Poitiers, Frankrijk, September 1998.
- 1997 Baayen, R. H., LNRE models in lexical statistics. UNIVERSITY OF MANITOBA, Winnipeg, December 1997.
- Baayen, R. H., The balance of storage and computation in morphology. UNIVERSITY OF MANITOBA, Winnipeg, December 1997.
- Baayen, R. H., How complex simplex words can be. UNIVERSITY POMPEU FABRA, Barcelona, April 1997.
- 1996 Baayen, R. H., Process Morphology: Quantitative and Cognitive Aspects of Word Structure. BELL LABORATORIES, Murray Hill, USA, March 1996.
- Baayen, R. H., Singulars and plurals in language comprehension. UNIVERSITY OF AMSTERDAM, The Netherlands, February 1996; UNIVERSITY OF POTSDAM, Germany, October 1995.
- 1995 Baayen, R. H., Chronicling 'The Times': productive lexical innovations in an English newspaper. UNIVERSITY OF TRIER, Germany, June 1995.
- Baayen, R. H., The randomness assumption in word frequency statistics. AT&T BELL LABORATORIES, Murray Hill, USA, March 1995.
- Baayen, R. H., Regular morphology in language comprehension. AT&T BELL LABORATORIES, Murray Hill, USA, March 1995; Haskins Laboratories, New Haven, USA, March 1995.
- Baayen, R. H., The processing of regular plurals in Dutch. HUMBOLDT UNIVERSITY, Berlin, Germany, February 1995.
- 1994 Baayen, R. H., Introduction to lexical statistics. UNIVERSITY OF GENEVA, Switzerland, November 1994.

Baayen, R. H., Productivity in morphology: a corpus-based approach. UNIVERSITY OF STUTTGART, Germany, May 1994.

1993 Baayen, R. H., Morphological productivity in corpora of written texts. UNIVERSITY OF LEEDS, UK, May 1993.

1992 Baayen, R. H., Derivational morphology, productivity, and texts. UNIVERSITY OF FREIBURG, Germany, December 1992.

membership of professional organizations

2004 **Linguistic Society of America.**

editorial work

member of editorial board

2009-2012 **associate editor of Language.**

2008-2010 **Journal of Experimental Psychology: Memory and Cognition.**

2008-2014 **Word Structure.**

2005-pres **The mental Lexicon.**

2005-pres **Morphology.**

2004-pres **Corpus Linguistics and Linguistic Theory.**

2002-pres **Linguistics, associate editor since 2015 -.**

1996-2005 **Computers and the Humanities.**

1994-2002 **Journal of Quantitative Linguistics.**

additional refereeing for, e.g.

Brain and Language; British Journal of Mathematical and Statistical Psychology, Computational Linguistics; Cognition; Cognitive Linguistics; Cognitive Psychology; English Language and Linguistics; Journal of the Acoustical Society of America; Journal of Cognitive Neuroscience; Journal of Memory and Language; Journal of Experimental Psychology: General/LMC; Journal of Phonetics; Language; Language and Cognitive Processes; Language Learning; Language Resources and Evaluation; Lingua; Literary and Linguistic Computing; Mental Lexicon; Memory and Cognition; Morphology; Phonetica; PLOS-ONE; Pragmatics; Proceedings of the National Academy of Sciences of the USA; Psychological Bulletin and Review; Psychological Methods; Psychological Review; Psychological Science; Quarterly Journal of Experimental Psychology; Royal Society Interface; Scientific Studies of Reading; Speech Communication; Trends in Cognitive Science; Visual Cognition; Yearbook of Morphology; as well as for research councils in the USA, Britain, Canada, Portugal, New Zealand, Germany, Austria, Israel, The Netherlands, and South Africa

organization of international meetings

01-2017 **Workshop New Methods in Statistics**, Tübingen.

11-2015 **6th Conference on Quantitative Investigations in Theoretical Linguistics (QITL-6)**, together with Jäger, G., J. Wahle and M. Köhler, Tübingen.

03-2015 **Workshop Vector Semantics**, Tübingen.

09-2014 **Advances in Visual Methods for Linguistics (AVML)**, (Tomaschek, F. did most of the work), Tübingen.

08-2014 **Workshop Estonian Morphology**, Tübingen.

06-2013 **Symposium Discriminative learning and morphology**, (at the 8th International Morphological Processing Conference), Cambridge.

11-2012 **Generalized Additive Modeling/Mixed-Effects Regression Workshop (gam-mer)**, (Organized in collaboration with Wieling, M.), Tübingen.

- 10-2009 **American Association for Corpus Linguistics (AACL 2009)**, (*Newman, J. did most of the hard work*), University of Alberta, Edmonton.
- 10-2008 **6th International conference on the mental lexicon**, (*Contributed as a member of a team in which Libben, G. and E. French did almost all the work*), Banff.
- 08-2006 **Architectures and mechanisms of language processing (AMLaP 2006)**, (*Organized in collaboration with McQueen, J. and M. Ernestus*), Nijmegen.
- 05-2003 **Fifth International Quantitative Linguistics Conference (QUALICO 2003)**, (*Organized in collaboration with Tweedie, F. J. and S. Embleton*), Athens, Georgia.
- 06-2001 **Morphological Processing**, *International workshop organized at the Max Planck Institute for Psycholinguistics*, Nijmegen.
- 01-2001 **Affix ordering and productivity**, *International workshop organized at the Max Planck Institute for Psycholinguistics*, Nijmegen.
- 08-2000 **Fourth International Quantitative Linguistics Conference(QUALICO 2000)**, *Organized in collaboration with Tweedie, F. J. and S. Embleton*, Prague.
- 11-1997 **What spelling changes**, *Workshop, organized in collaboration with Neijt, A. and R. Schreuder at the Max Planck Institute for Psycholinguistics*, Nijmegen.
- 06-1995 **Morphology: why, how, when, when not, and why not? Towards an integrated theory of morphology in the mental lexicon**, *Workshop, organized in collaboration with Schreuder, R. at the Max Planck Institute for Psycholinguistics*, Nijmegen.

teaching experience

A. undergraduate courses

- 2011-pres **Linguistics for Cognitive Science**, Eberhard Karls University, Tübingen, Germany.
- 2012-pres **Mathematics for Linguistics: Statistics**, Eberhard Karls University, Tübingen, Germany.
- win 2011 **Introduction to Linguistics**, Ling 102, University of Alberta, Canada.
- spr 2009 **Introduction to Human language**, Ling 100, University of Alberta, Canada.
- fall 2009 **Language and evolution**, Ling 499, University of Alberta, Canada.
- sum 2004 **Morphology**, University of Canterbury, New Zealand.
- fall 1987 **Introduction to General Linguistics**, Free University, Amsterdam, the Netherlands.
- sum 1980 **Practical Phonetics**, Summer Institute of Linguistics, High Wycombe, UK.

B. graduate courses

- 2011-pres **Introduction to Cognitive Models of Language Processing**, Eberhard Karls University, Tübingen, Germany.
- sum 2012 **Causality in Language**, Eberhard Karls University, Tübingen, Germany.
- 2012-pres **Regression Modeling Strategies for the Analysis of Linguistic and Psycholinguistic Data**, Eberhard Karls University, Tübingen, Germany.
- win 2011 **Quantitative methods**, Ling 603, University of Alberta, Edmonton, Canada.
- fall 2010 **Morphology**, Ling 608, University of Alberta, Edmonton, Canada.
- spr 2010 **Experimental Methods in Linguistics**, *Experimental Methods in Linguistics I*, University of Sheffield, Sheffield, UK.
- win 2009 **Computational Modeling**, Ling 608, University of Alberta, Edmonton, Canada.
- win 2008 **Corpus Linguistics**, Ling 619, University of Alberta, Edmonton, Canada.
- fall 2008 **Methods in experimental psycholinguistics**, Ling 615, University of Alberta, Edmonton, Canada.
- fall 2007 **Statistical Methods**, Ling 683, University of Alberta, Edmonton, Canada.

- fall 2006 **Experimental Morphology**, Radboud University, Nijmegen, the Netherlands.
- spr 2006 **Linguistic Data**, Radboud University, Nijmegen, the Netherlands.
- spr 1989 **Field Methods**, Free University, Amsterdam, the Netherlands.
- fall 1988 **Translation Theory**, Free University, Amsterdam, the Netherlands.
- spr 1987 **Language Typology**, Free University, Amsterdam, the Netherlands.
- spr 1985 **Syntax**, Free University, Amsterdam, the Netherlands.

C. post-graduate courses

- spr 2017 **Workshop On Random Effect Structures In The Modelling Of Language Data, taught with Arief Gusnanto**, *Language@Leeds*, University of Leeds, Leeds, United Kingdom.
- spr 2017 **Implicit Grammar: a discriminative perspective on language and language processing**, *Spring Training in Experimental Psycholinguistics school (STEP@CCP 2017)*, University of Alberta (lifesize video conference), Edmonton, Canada.
- win 2017 **Analysing Language Data: Thinking like a Quantitative Linguist**, *Interdisciplinary College (IK2017)*, Heinrich-Lübke-Haus, Günne, Germany.
- fall 2016 **An introduction to Generalized Additive Mixed Models**, *16th Speech Science and Technology Conference (SST2016) Tutorial Day*, Western Sydney University, Sydney, Australia.
- fall 2016 **Workshop Statistics in linguistic research**, *Institut für Romanistik*, University of Vienna, Vienna, Austria.
- sum 2016 **Workshop: Korpora und statistische Methoden**, *Im Rahmen des Oberseminars "Aktuelle Themen der Romanischen Sprachwissenschaft"*, Eberhard Karls University, Tübingen, Germany.
- sum 2016 **Masterclass: "GAMMs"**, *HRI Visiting European Fellow Programme*, University of Sheffield, Sheffield, UK.
- spr 2016 **Implicit Grammar**, *Spring Training in Experimental Psycholinguistics school*, University of Alberta, Edmonton, Canada.
- spr 2015 **Naive discriminative learning (NDL) and vector semantics**, *First International Quantitative Morphology Meeting (IQMM1) Tutorials*, University of Belgrade, Belgrade, Serbia.
- spr 2015 **Naive discriminative learning**, *Spring Training in Experimental Psycholinguistics school*, University of Alberta, Edmonton, Canada.
- fall 2014 **Naive discriminative learning**, (*Autumn school Methods in Language Comprehension*), University of Trento, Rovereto, Italy.
- sum 2014 **Networks summer school Words: structure, meaning, acquisition, processing**, University of Trondheim, Trondheim, Norway.
- fall 2012 **An introduction to statistical analysis with R**, University of Tartu, Tartu, Estonia.
- spr 2012 **Introduction to statistical modeling with R**, University of Leeds, Leeds, UK.
- spr 2006 **An introduction to statistical analysis with R**, Max Planck Institute for Psycholinguistics, Nijmegen, the Netherlands.
- sum 2005 **Storage and computation in the mental lexicon: an exemplar-based approach**, *Summer school of the Linguistic Society of America*, Massachusetts Institute for Technology, Cambridge MA., USA.
- fall 2004 **Soft computing: An introduction to R as a statistical programming environment for the analysis of quantitative linguistic data**, *Graduate School of Language Technology in Finland*, Helsinki, Finland.
- sum 2004 **On the teaching staff and external lecturer**, *Fourth annual research meeting: Esrc and Dfg joint summer school in computational linguistics and psycholinguistics*, Edinburgh, UK.
- sum 2001 **Morphology in the Mental Lexicon**, *Lot summer school*, Utrecht, the Netherlands.
- sum 1998 **Morphology in the Mental Lexicon**, (*NorFA summer school, languages, minds, and brains*), Mekrijärvi, Finland.

- win 1997 **Lexical Statistics**, *Lot Winter school*, Nijmegen, the Netherlands.
sum 1997 **Morphology and the Mental Lexicon**, *Elsnet summer school*, Leuven, Belgium.
sum 1994 **Introduction to lexical statistics**, (*University of Geneva*), Geneva, Switzerland.
sum 1992 **The Mental Lexicon**, (*Dutch linguistic society summer school*), Nijmegen, the Netherlands.
sum 1991 **Productivity**, (*Groningen graduate school*), Groningen, the Netherlands.