

curriculum vitae of R. Harald Baayen

affiliation:

Seminar für Sprachwissenschaft,
Eberhard Karls Universität Tübingen,
Wilhelmstraße 19
72074 Tübingen

and

Department of Linguistics,
Assiniboia Hall,
University of Alberta, Edmonton T6G 2E5, Canada,
Fax: (1) (780) 492 0806.

email: harald.baayen@uni-tuebingen.de, baayen@ualberta.ca, harald.baayen@gmail.com

homepage: <http://www.ualberta.ca/~baayen>

education

Summer Institute of Linguistics High Wycombe, U.K. (Summer 1979)

Kandidaatsexamen (\simeq B.A.) 1983, Free University, Amsterdam, The Netherlands
(Theology)

Doctoraallexamen (\simeq M.A.) 1985, Free University, Amsterdam, The Netherlands
(General Linguistics)

Ph.D. 1989, Free University, Amsterdam, The Netherlands
(General Linguistics)

professional experience

July 1980 Teaching Assistant, Summer Institute of Linguistics, U.K.

1985 – 1988 Teaching Fellow, Free University, Amsterdam, The Netherlands

1989 – 1990 Postdoctoral Fellow, Free University, Amsterdam, The Netherlands

1990 – 1998 Member of Scientific Staff, Max-Planck-Institut für Psycholinguistik,
Nijmegen, The Netherlands

1998 – 2005 Postdoctoral Fellow, Radboud University Nijmegen, The Netherlands

2006 – 2007 Professor of Quantitative Linguistics, Radboud University Nijmegen,
The Netherlands

July 2007 – August 2011 Professor of Quantitative Linguistics, University of Alberta,
Edmonton, Canada

September 2011 – Professor of Quantitative Linguistics, Eberhard Karls Universität,
Tübingen, Germany

awards

- 1998. PIONIER career advancement award from the Netherlands Organization for Scientific Research (NWO)
1 million Euro
- 2004. Erskine Fellowship awarded by the University of Canterbury, Christchurch, New Zealand
- 2005. KNAW Muller chair awarded by the Royal Netherlands Academy of Arts and Sciences
- 2011. Research award Faculty of Arts, University of Alberta, Edmonton, Canada
- 2011. ALEXANDER VON HUMBOLDT research award from the Humboldt foundation, Germany
5 million Euro

languages

Dutch (native), English (near native), German, French; reading knowledge of Classical Greek, Latin, Tiberian Hebrew, Akkadian; programming languages: AWK, C, TCL-TK, PYTHON, S

PhD students

- Andrea Krott** (PhD-thesis: *Analogy in morphology: the selection of linking elements in Dutch compounds*, 2001, University of Nijmegen).
- Nivja de Jong** (PhD-thesis: *Morphological families in the mental lexicon*, 2002, University of Nijmegen).
- Fermín Moscoso del Prado Martín** (PhD-thesis: *Paradigmatic structures in morphological processing*, 2003, cum laude, University of Nijmegen).
- Rachèl Kemps** (PhD-thesis: *Morphology in auditory lexical processing: sensitivity to fine phonetic detail and insensitivity to suffix reduction*, 2004, University of Nijmegen).
- Heidrun Bien** (PhD-thesis: *On the production of morphologically complex words with special attention to effects of frequency*, 2007, supervised together with W. J. M. Levelt, University of Nijmegen).
- Mark Pluymaekers** (PhD-thesis: *Frequency effects in the acoustic realization of morphologically complex words*, 2007, supervised together with M. Ernestus, University of Nijmegen).
- Victor Kuperman** (PhD-thesis: *Lexical processing of morphologically complex words: an information-theoretical perspective*, 2008, supervised together with R. Schreuder and M. Ernestus, University of Nijmegen).
- Laura Winther Balling** (University of Aarhus, auditory processing of morphologically complex words in Danish), Aarhus, 2009.
- Wieke Tabak** (PhD-thesis: *Semantics and (Ir)regular Inflection in Morphological Processing*, 2010, supervised together with R. Schreuder and M. Ernestus, University of Nijmegen).

Karin Nault (University of Alberta, *Morphological therapy protocol*, Edmonton, 2010, supervised together with Gary Libben), Edmonton, 2010.

Georgie Columbus (University of Alberta, *Multiword units in sentence reading and unit presentation using ERP and eye movement data*, supervised together with Patrick Bolger), Edmonton, 2011.

Laura Teddiman (University of Alberta, *An Experimental Investigation of Suffix Ordering in English*), Edmonton, 2011.

Martijn Wieling (University of Groningen, *A Quantitative Approach to Social and Geographical Dialect Variation*, supervised together with John Nerbonne), June 2012.

Kristina Geeraert (University of Alberta, supervised together with John Newman).

Koji Miwa (University of Alberta, supervised together with Patrick Bolger).

Tatiana Kryuchkova (University of Alberta, supervised together with Ben Tucker).

Philip Dilts (University of Alberta, supervised together with Ben Tucker).

Peter Hendrix (University of Tübingen).

June Sun (University of Alberta & University of Tübingen, supervised together with John Newman).

Hien Pham (University of Alberta, supervised together with Patrick Bolger)

Guangting Wang (University of Alberta, supervised together with Patrick Bolger)

publications

A. books and edited volumes

Baayen, R. H. (2008) *Analyzing Linguistic Data. A Practical Introduction to Statistics Using R*. Cambridge University Press, Cambridge.

Baayen, R. H. and Schreuder, R. (eds) (2003) *Morphological Structure in Language Processing*, Mouton, Berlin.

Baayen, R. H. (2001) *Word Frequency Distributions*, Kluwer Academic Publishers, Dordrecht.

Baayen, R. H. and de Waard, J. (eds) (1990) *Aspecten van Bijbelvertalen* (Aspects of Bible Translation), Nederlands Bijbelgenootschap, Haarlem.

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

B. in preparation/submitted/under revision

Baayen, R. H. Learning from the Bible: Computational modeling of the costs of letter transpositions and letter exchanges in reading Classical Hebrew and Modern English. In preparation for *Lingue & Linguaggio*.

Baayen, R. H., Hendrix, P. and Ramscar, M., Sidestepping the combinatorial explosion: Towards a processing model based on discriminative learning. Submitted to *Language and Speech*.

- Baayen, R. H., Tremblay, A., and Hendrix, P., ERP analysis with generalized additive models. Vignette in preparation for the R package *eRp*.
- Balling, L. and Baayen, R.H., Probability and surprisal in auditory comprehension of morphologically complex words. Under revision for *Cognition*.
- Chesley, P. and Baayen, R. H., When listeners become speakers: An experimental study of factors leading to active entrenchment. Under revision for *Cognitive Linguistics*.
- Hendrix, P., Bolger, P. and Baayen, R. H., Distinct ERP signatures of word frequency, phrase frequency, and prototypicality in speech production. Submitted to *Journal of Experimental Psychology*.
- Hendrix, P. and Baayen, R.H., Naive Discriminative Reading Aloud (ndr-a): a dual route model of reading aloud using naive discriminative learning. Under revision for *Cognition*.
- Koesling, K., Kunter, G., Baayen, R. H., and Plag, I., Prominence in triconstituent compounds: Pitch contours and linguistic theory. Submitted to *Language and Speech*.
- Kryuchkova, T., Tucker, B. V., Wurm, L., and Baayen, R. H., Danger and usefulness in auditory lexical processing: evidence from electroencephalography. Under revision for *Brain and Language*.
- Miwa, K., Dijkstra, T., Bolger, P. and Baayen, R. H., Eye movements reveal that initial selective lexical access still leads to language non-selective activation: Reading English with Japanese in mind. Under revision for *Journal of Memory and Language*.
- Miwa, K., Libben, G., Dijkstra, T. and Baayen, R. H., The time-course of lexical activation in Japanese morphographic word recognition: Evidence for a character-driven processing model. Under revision for *Journal of Memory and Language*.
- Mulder, K., Dijkstra, T, Schreuder, R. and Baayen, R.H., Morphological family size effects in bilinguals: Evidence from identical and non-identical cognates. In preparation.
- Ramscar, M, Smith, A.H., Futrell, R., Hendrix, P., Baayen, R. H. and Dye, Melody, The ‘universal’ structure of name grammars and the impact of social engineering on the evolution of natural information systems. In preparation.
- Ramscar, M., Hendrix, P., and Baayen, R.H., The myth of cognitive decline.
- Shaoul, C., Westbury, C., and Baayen, R.H., The subjective frequency of n-grams. In preparation.
- Tucker, B. V., Sims, M. and Baayen, R. H., Lexical effects in the production of regular and irregular verbs in a spontaneous speech corpus. In preparation.
- Wieling, M., Montemagni, S., Nerbonne, J. and Baayen, R. H., Lexical differences between Tuscan dialects and standard Italian: A sociolinguistic analysis using generalized additive mixed modeling. Under revision for *Language Variation and Change*.

C. accepted/in press

- Baayen, R. H. (2011). Mixed-effects models. To appear in Cohn, A. C., Fougeron, C. and Huffman, M.K. (eds.), *Handbook of Laboratory Phonology*, Oxford University Press.
- Blom, E. and Baayen, R. H., The impact of verb form, sentence position, home language and L2 proficiency on subject-verb agreement in child L2 Dutch. To appear in *Applied Psycholinguistics*.

Ernestus, M. and Baayen, R. H., Corpora and exemplars in phonology. To appear in A. Yu and J. Goldsmith (eds.), *Blackwell handbook of phonological theory*.

Tagliamonte, S. and Baayen, R. H. (2011) Models, forests and trees of York English: Was/were variation as a case study for statistical practice. To appear in *Language Variation and Change*.

D. journal articles

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

Baayen, R. H., Milin, P., Filipovic Durdjevic, D., Hendrix, P., & Marelli, M. (2011). An amorphous model for morphological processing in visual comprehension based on naive discriminative learning. *Psychological Review* 118, 438–482.

Bien, H., Baayen, R. H. & Levelt, W. M. J. (2011). Frequency effects in the production of Dutch deverbal adjectives and inflected verbs. *Language and Cognitive Processes* 26, 683–715.

Miwa, K, Libben, G. & Baayen, R. H. (2011). Semantic radicals contribute as orthographic morphemes in Japanese two-character word recognition. *Language and Cognitive Processes*, available on-line 16 Aug 2011.

Wieling, M., Nerbonne, J. and Baayen, R. H. (2011). Quantitative Social Dialectology: Explaining Linguistic Variation Geographically and Socially. *PLoS ONE* 6(9): e23613. doi:10.1371/journal.pone.0023613.

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

Baayen, R. H. (2010). Assessing the processing consequences of segment reduction in Dutch with naive discriminative learning. *Lingue & Linguaggio* 9, 95–112.

Baayen, R.H. (2010). A real experiment is a factorial experiment? *The Mental Lexicon* 5, 149–157.

Baayen, R. H. and Milin, P. (2010). Analyzing reaction times. *International Journal of Psychological Research* 3, 12–28.

Chesley, P. and Baayen, R. H. (2010). Predicting new words from newer words: Lexical borrowings in French. *Linguistics* 48, 1343-1374.

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

Janda, L. A., Nessel, T. and Baayen, R. H. (2010). Capturing Correlational Structure in Russian Paradigms: a Case Study in Logistic Mixed-Effects Modeling. *Corpus Linguistics and Linguistic Theory* 6, 29–48.

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

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

Plag, I. and Baayen, R. H. (2009). Suffix ordering and morphological processing. *Language* 85, 106–149

Kuperman, V., Schreuder, R., Bertram, R. and Baayen, R.H. (2009). Reading of Polymorphemic Dutch Compounds: Towards a Multiple Route Model of Lexical Processing. *Journal of Experimental Psychology: HPP* 35, 876–895.

- Baayen, R. H., Davidson, D. and Bates, D. M. (2008). Mixed-effects modeling with crossed random effects for subjects and items. *Journal of Memory and Language* **59**, 390–412.
- Balling, L. and Baayen, R.H. (2008). Morphological effects in auditory word recognition: Evidence from Danish. *Language and Cognitive Processes* **23**, 1159–1190.
- Kuperman, V., Bertram, R. and Baayen, R.H. (2008). Morphological Dynamics in Compound Processing. *Language and Cognitive Processes* **23**, 1089–1132.
- Kuperman, V., Ernestus, M. and Baayen, R. H. (2008). Frequency Distributions of Uniphones, Diphones and Triphones in Spontaneous Speech. *Journal of the Acoustical Society of America* **124**, 3897–3908.
- Lemhöfer, K., Dijkstra, T., Schriefers, H., Baayen, R. H., Grainger, J. and Zwitserlood, P. (2008). Native language influences on word recognition in a second language: A mega-study. *Journal of Experimental Psychology: Learning, Memory and Cognition* **34**, 12–31.
- Baayen, R. H., Wurm, L. H. and Aycock, J. (2007). Lexical dynamics for low-frequency complex words: A regression study across tasks and modalities. *The Mental Lexicon* **2**, 419–463.
- Ernestus, M. and Baayen, R. H. (2007). Paradigmatic effects in auditory word recognition: The case of alternating voice in Dutch. *Language and Cognitive Processes*, **22**, 1–24.
- Krott, A., Schreuder, R., Baayen, R. H., and Dressler, W.U. (2007). Analogical effects on linking elements in German compounds. *Language and Cognitive Processes*, **22**, 25–57.
- Kuperman, V., Pluymaekers, M., Ernestus, M., and Baayen, R. H. (2007). Morphological predictability and acoustic salience of interfixes in Dutch compounds. *Journal of the Acoustical Society of America* **121**, 2261–2271.
- Vaan, L., Schreuder, R. and Baayen, R. H. (2007). Regular morphologically complex neologisms leave detectable traces in the mental lexicon. *The Mental Lexicon* **2**, 1–23.
- Baayen, R. H., Feldman, L. F. and Schreuder, R. (2006). Morphological influences on the recognition of monosyllabic monomorphemic words. *Journal of Memory and Language*, **55**, 290–313.
- Ernestus, M. and Baayen, R. H. (2006). Meervouden in Nederlandse dialecten: Stamalternantie onderhoudt suffixvariatie. (Plurals in Dutch dialects: stemalternations support suffix variation.) *Taal en Tongval* **18**, 106–115.
- Ernestus, M., Lahey, M., Verhees, F. and Baayen, R. H. (2006). Lexical frequency and voice assimilation. *Journal of the Acoustical Society of America* **120**, 1040–1051.
- Ernestus, M., van Mulken, M. and Baayen, R. H. (2006). Ridders en heiligen in tijd en ruimte: moderne stylometrische technieken toegepast op Oud-Frans. (Knights and saints in time and space: modern stylometric techniques applied to Old French.), *Taal en Tongval* **58**, 70–83.
- Krott, A., Hagoort, P. and Baayen, R.H. (2006). The nature of anterior negativities caused by misapplication of morphological rules. *Journal of Cognitive Neuroscience* **18**, 1616–1630.
- Wurm, L.H., Ernestus, M., Schreuder, R., and Baayen, R. H. (2006). Dynamics of the auditory comprehension of prefixed words: cohort entropies and conditional root uniqueness points. *The Mental Lexicon* **1**, 125–146.
- Baayen, R. H. and Moscoso del Prado Martín, F. (2005), Semantic density and past-tense formation in three Germanic languages. *Language* **81**, 666–698.
- Bien, H., Levelt, W. M. J. and Baayen, R. H. (2005) Frequency effects in compound production. *Proceedings of the National Academy of Sciences* **102**, 17876–17881.

- Dijkstra, T., Moscoso del Prado Martín, F., Schulpen, B., Schreuder, R. and Baayen, R. H. (2005), A roommate in cream: Morphological family size effects on interlingual homograph recognition. *Language and Cognitive Processes* **20**, 7–41.
- Hay, J. B. and Baayen, R. H. (2005) Shifting paradigms: gradient structure in morphology, *Trends in Cognitive Sciences* **9**, 342–348.
- Juola, P. and Baayen, R. H., A controlled-corpus experiment in authorship identification by cross-entropy. *Literary and Linguistic Computing* **20**, 59–67.
- Kemps, R., Ernestus, M., Schreuder, R. and Baayen, R. H. (2005) Prosodic cues for morphological complexity: The case of Dutch plural nouns. *Memory and Cognition* **33**, 430–446.
- Kemps, R., Wurm, L., Ernestus, M., Schreuder, R. and Baayen, R. H. (2005), Prosodic cues for morphological complexity: Comparatives and agent nouns in Dutch and English. *Language and Cognitive Processes* **20**, 43–73.
- Keune, K., Ernestus, M., Van Hout, R. and Baayen, R. H. (2005) Social, geographical, and register variation in Dutch: From written 'mogelijk' to spoken 'mok'. *Corpus Linguistics and Linguistic Theory* **1**, 183–223.
- Moscoso del Prado Martín, F., Deutsch, A., Frost, R., Schreuder, R., De Jong, N. H., and Baayen, R. H. (2005) Changing places: A cross-language perspective on frequency and family size in Dutch and Hebrew. *Journal of Memory and Language* **53**, 496–512.
- Pluymaekers, M., Ernestus, M. and Baayen, R. H. (2005) Lexical frequency and acoustic reduction in spoken Dutch. *Journal of the Acoustical Society of America* **118**, 2561–2569.
- Pluymaekers, M., Ernestus, M. and Baayen, R. H. (2005) Articulatory planning is continuous and sensitive to informational redundancy. *Phonetica* **62**, 146–159.
- Van Halteren, H., Baayen, R. H., Tweedie, F. J., Haverkort, M. and Neijt, A. (2005) New machine learning methods demonstrate the existence of a human stylome. *Journal of Quantitative Linguistics* **12**, 65–77.
- Ernestus, M. and Baayen, R. H. (2004) Analogical effects in regular past tense production in Dutch, *Linguistics* **42**, 873–903.
- Moscoso del Prado Martín, F., Bertram, R., Schreuder, R. and Baayen, R. H. (2004), Morphological family size in a morphologically rich language: The case of Finnish compared to Dutch and Hebrew, *Journal of Experimental Psychology: Learning, Memory, and Cognition* **30**, 1271–1278.
- Kemps, R., Ernestus, M., Schreuder, R. and Baayen, R. H. (2004) Processing reduced word forms: The suffix restoration effect. *Brain and Language* **90**, 117–127.
- Krott, A., Hagoort, P., and Baayen, R. H. (2004) Sublexical units and supralexic combinatorics in the processing of interfixed Dutch compounds, *Language and Cognitive Processes* **19**, 453–471.
- Krott, A., Libben, G., Jarema, G., Dressler, U. and Baayen, R. H. (2004) Probability in the grammar of German and Dutch: Interfixation in tri-constituent compounds, *Language and Speech*, **47**, 83–106.
- Moscoso del Prado Martín, F., Ernestus, M. and Baayen, R. H. (2004) Do type and token effects reflect different mechanisms? Connectionist modeling of Dutch past-tense formation and final devoicing. *Brain and Language* **90**, 287–298.
- Moscoso del Prado Martín, F., Kostić, A., and Baayen, R. H. (2004) Putting the bits together: An information theoretical perspective on morphological processing. *Cognition* **94**, 1–18.
- Verhoeven, L., Baayen, R., and Schreuder, R. (2004) Orthographic constraints and frequency effects in complex word identification. *Written Language and Literacy* **7**, 49–59.

- Ernestus, M. and Baayen, R. H. (2003) Predicting the unpredictable: Interpreting neutralized segments in Dutch, *Language* **79**, 5–38.
- Hay, J.B. and Baayen, R. H. (2003). Phonotactics, Parsing and Productivity, *Italian Journal of Linguistics* **1**, 99–130.
- Verhoeven, L., Schreuder, R. and Baayen, R. H. (2003) Units of analysis in reading Dutch bisyllabic pseudowords, *Scientific Studies of Reading* **7**, 255–271.
- Baayen, R. H., Tweedie, F. J. and Schreuder, R. (2002) The subjects as a simple random effect fallacy: Subject variability and morphological family effects in the mental lexicon, *Brain and Language* **81**, 55–65.
- De Jong, N. H., Feldman, L. B., Schreuder, R., Pastizzo, M. and Baayen, R. H. (2002) The processing and representation of Dutch and English compounds: Peripheral morphological, and central orthographic effects, *Brain and Language* **81**, 555–567.
- Ernestus, M., Baayen, R. H. and Schreuder, R. (2002) The recognition of reduced word forms, *Brain and Language* **81**, 162–173.
- Hay, J. and Baayen, H. (2002) Parsing and productivity. In Booij, G. E. and Van Marle, J. (eds), *Yearbook of Morphology 2001*, Kluwer Academic Publishers, Dordrecht, 203–235.
- Krott, A., Krebbers, L., Schreuder, R. and Baayen, R. H. (2002) Semantic influence on linkers in Dutch noun-noun compounds, *Folia Linguistica* **36**, 7–22.
- Krott, A., Schreuder, R. and Baayen, H. (2002) Linking elements in Dutch noun-noun compounds: Constituent families as predictors for response latencies, *Brain and Language* **81**, 708–722.
- Krott, A., Schreuder, R. and Baayen, R. H. (2002) A note on the function of Dutch linking elements. In Booij, G. E. and van Marle, J. (eds), *Yearbook of Morphology 2001*, Kluwer Academic Publishers, Dordrecht, 237–252.
- Roelofs, A. and Baayen, R. H. (2002) Morphology by itself in planning the production of spoken words, *Psychonomic Bulletin & Review* **9**, 132–138.
- Krott, A., Baayen, R. H. and Schreuder, R. (2001) Analogy in morphology: modeling the choice of linking morphemes in Dutch, *Linguistics* **39**, 51–93.
- Pollman, T. and Baayen, R. H. (2001) Computing historical consciousness. A quantitative inquiry into the presence of the past in newspaper texts, *Computers and the Humanities* **35**, 237–253.
- Baayen, R. H. and Schreuder, R. (2000) Towards a psycholinguistic computational model for morphological parsing, *Philosophical Transactions of the Royal Society (Series A: Mathematical, Physical and Engineering Sciences)* **358**, 1–13.
- Bertram, R., Baayen, R. H. and Schreuder, R. (2000) Effects of family size for complex words, *Journal of Memory and Language* **42**, 390–405.
- Bertram, R., Schreuder, R. and Baayen, R. H. (2000) The balance of storage and computation in morphological processing: the role of word formation type, affixal homonymy, and productivity, *Journal of Experimental Psychology: Learning, Memory, and Cognition* **26**, 419–511.
- De Jong, N. H., Schreuder, R. and Baayen, R. H. (2000) The morphological family size effect and morphology, *Language and Cognitive Processes* **15**, 329–365.
- Weeber, M., Vos, R. and Baayen, R. H. (2000) Extracting the lowest-frequency words: Pitfalls and possibilities, *Computational Linguistics* **26**, 301–317.

- Baayen, R. H. and Schreuder, R. (1999) War and peace: morphemes and full forms in a non-interactive activation parallel dual route model, *Brain and Language* **68**, 27–32.
- Bertram, R., Laine, M., Baayen, R. H., Schreuder, R. and Hyönä, J.: (1999) Affixal homonymy triggers full-form storage even with inflected words, even in a morphologically rich language, *Cognition* **74**, B13–B25.
- Krott, A., Schreuder, R. and Baayen, R. H. (1999) Complex words in complex words, *Linguistics* **37**(5), 905–926.
- Lieber, R. and Baayen, R. H. (1999) Nominalizations in a calculus of lexical semantic representations. In G. E. Booij & J. van Marle (Eds.), *Yearbook of Morphology 1998*, Dordrecht, Kluwer Academic Publishers, 157–198.
- Plag, I., Dalton-Puffer, C. and Baayen, R. H. (1999) Productivity and register, *Journal of English Language and Linguistics* **3**, 209–228.
- Schreuder, R., De Jong, N. H., Krott, A. and Baayen, R. H. (1999) Rules and rote: beyond the linguistic either-or fallacy, *Behavioral and Brain Sciences* **22**, 1038–1039.
- Baayen, R. H. and Tweedie, F. J. (1998) Sample-size invariance of LNRE model parameters: problems and opportunities. *Journal of Quantitative Linguistics* **5**, 145–154.
- Schreuder, R., Neijt, A., Van der Weide, F., and Baayen, R. H. (1998) Regular plurals in Dutch compounds: linking graphemes or morphemes? *Language and Cognitive Processes* **13**, 551–573.
- Tweedie, F. J. and Baayen, R. H. (1998) How variable may a constant be? Measures of lexical richness in perspective. *Computers and the Humanities* **32**, 323–352.
- Baayen, R. H. (1997) The pragmatics of the so-called tense forms in Biblical Hebrew. *Studies in Language* **21**, 245–285.
- Baayen, R. H., Dijkstra, T. and Schreuder, R. (1997) Singulars and plurals in Dutch: Evidence for a parallel dual route model. *Journal of Memory and Language* **37**, 94–117.
- Baayen, R. H. and Lieber, R. (1997) Word frequency distributions and lexical semantics. *Computers and the Humanities* **30**, 281–291.
- Baayen, R. H., Lieber, R., and Schreuder, R. (1997) The morphological complexity of simplex nouns. *Linguistics* **35**, 861–877.
- Baayen, R. H. and Neijt, A. (1997) Productivity in context: a case Study of a Dutch suffix. *Linguistics* **35**, 565–587.
- Lieber, R. and Baayen, R. H. (1997) A semantic principle for auxiliary selection in Dutch. *Natural Language and Linguistic Theory* **15**, 789–845.
- Schreuder, R. and Baayen, R. H. (1997) How complex simplex words can be. *Journal of Memory and Language* **37**, 118–139.
- Baayen, R. H., Burani, C. and Schreuder, R. (1997) Effects of semantic markedness in the processing of regular nominal singulars and plurals in Italian. In Booij, G. E. and van Marle, J. (eds), *Yearbook of Morphology 1996*, Kluwer Academic Publishers, Dordrecht, 13–34.
- Baayen, R. H. and Schreuder, R. (1997) Morphology: why, how, when, when not, and why not? In Booij, G. E. and J. van Marle, J. (eds), *Yearbook of Morphology 1996*, Kluwer Academic Publishers, Dordrecht, 1–7.

- Baayen, R. H. (1996) The effect of lexical specialization on the growth curve of the vocabulary. *Computational Linguistics* **22**, 455–480.
- Baayen, R. H. en Renouf, A. (1996) Chronicling The Times: Productive lexical innovations in an English newspaper. *Language* **72**, 69–96.
- Baayen, R. H. en Sproat, R. (1996) Estimating lexical priors for low-frequency morphologically ambiguous forms. *Computational Linguistics* **22**, 155–166.
- Baayen, R. H., Tweedie, F. and Van Halteren, H. (1996) Outside the cave of shadows: Using syntactic annotation to enhance authorship attribution. *Literary and Linguistic Computing* **11**, 121–131.
- Schiller, N.O., Meyer, A., Baayen, R. H., and Levelt, W.J.M. (1996) Comparison of lexeme and speech syllables in Dutch. *Journal of Quantitative Linguistics* **3**, 8–28.
- Baayen, R. H. (1994) Productivity in production, *Language and Cognitive Processes* **9**, 447–469.
- Baayen, R. H. (1994) Derivational productivity and text typology, *Journal of Quantitative Linguistics* **1**, 16–34.
- Indefrey, P. and Baayen, R. H. (1994) Estimating word frequencies from dispersion data, *Statistica Neerlandica* **48**, 259–270.
- Schreuder, R. and Baayen, R. H. (1994) Prefix-stripping re-revisited, *Journal of Memory and Language* **33**, 357–375.
- Baayen, R. H. (1993) Statistical models for word frequency distributions: A linguistic evaluation, *Computers and the Humanities* **26**, 347–363.
- Frauenfelder, U. H., Baayen, R. H., Hellwig, F. M. and Schreuder, R. (1993) Neighborhood density and frequency across languages and modalities, *Journal of Memory and Language* **32**, 781–804.
- Lieber, R. and Baayen, R. H. (1993) Verbal prefixes in dutch: a study in lexical conceptual structure. In Booij, G. E. and van Marle, J. (eds), *Yearbook of Morphology 1993*, Kluwer Academic Publishers, Dordrecht, 51–78.
- Baayen, R. H. (1992) On frequency, transparency, and productivity. In Booij, G. E. and van Marle, J. (eds), *Yearbook of Morphology 1992*, Kluwer Academic Publishers, Dordrecht, 181–208.
- Baayen, R. H. (1991) Quantitative aspects of morphological productivity, in G. E. Booij and J. van Marle (eds), *Yearbook of Morphology 1991*, Kluwer Academic Publishers, Dordrecht, 109–149.
- Baayen, R. H. and Lieber, R. (1991) Productivity and English derivation: a corpus-based study, *Linguistics* **29**, 801–843.

E. conference proceedings

- Baayen, R. H. and Hendrix, P. (2011). Sidestepping the combinatorial explosion: Towards a processing model based on discriminative learning. LSA workshop 'Empirically examining parsimony and redundancy in usage-based models', January 2011.
- Baayen, R. H., Levelt, W.M.J, Schreuder, R. and Ernestus, M. (2008). Paradigmatic structure in speech production. *Chicago Linguistics Society* **43**, Volume 1: The Main Session, 1–29.
- Miwa, K., Libben, G., Baayen, R. H. and Rice, S. (2008) Lexical activations in picture comparison: A cross-linguistic approach to the relation between language and thought in the mental lexicon. Proceedings of ICCS, Seoul. 2008.

- M. Ernestus and R.H. Baayen. (2007) The comprehension of acoustically reduced morphologically complex words: The roles of deletion, duration and frequency of occurrence. *Proceedings of the 16th International Congress of Phonetic Sciences, Saarbruecken*, 773–776.
- Ten Bosch, L., Baayen, R. H., and Ernestus, M. (2006) On speech variation and word type differentiation by articulatory feature representations. *Proceedings of the International Conference on Spoken Language Processing*.
- Pluymaekers, M., Ernestus, M. and Baayen, R. H. (2006) Effects of Word Frequency on the Acoustic Durations of Affixes. *Proceedings of the International Conference on Spoken Language Processing*.
- Keune, K., Van Hout, R. and Baayen, R. H. (2006) Socio-geographical variation in morphological productivity in spoken Dutch: a comparison of statistical techniques. In Viprey, J.-M. (Ed.), *Actes des 8es Journées Internationales d'Analyse Statistique des Données Textuelles*, volume 2, Presses Universitaires de Franche-Comte, 571-580.
- Tabak, W., Schreuder, R. and Baayen, R. H. (2005) The Processing of Regular and Irregular Verbs. *Proceedings of the Interdisciplinary Workshop on the Identification and Representation of Verb Features and Verb Classes, Saarbruecken*, 121–126.
- Baayen, R. H., Van Halteren, H., Neijt, A. and Tweedie, F. (2002) An experiment in authorship attribution, *Proceedings of JADT 2002, Université de Rennes, St. Malo*, 29–37.
- Oostdijk, N., Goedertier, W., van Eynde, F, Boves, L., Martens, J.P., Moortgat, M, and Baayen, R. H. (2002) Experiences from the Spoken Dutch Corpus Project. In Gonzalez Rodriguez, M. and Paz Surez Araujo, C. (eds) *Proceedings of the third International Conference on Language Resources and Evaluation*, Paris: ELRA, 340–347.
- Baayen, R. H. (1998) Lexis, Word Frequencies, and Text Type. In Cabre, M. T. (ed), *Jornades de corpus linguistics 1996–1997*, Barcelona, 87–102.
- Baayen, R. H. and Tweedie, F. J. (1998) Enhancing LNRE models with partition-based adjustment. In Mellet, A. (ed), *Proceedings of JADT 1998, Nice*, 29–37.
- Cutler, A., McQueen, J., Baayen, H. and Drexler, H. (1994) Words within words in a real-speech corpus, *Proceedings of the 5th Australian International Conference on Speech Science and Technology, Perth*, 285–288.
- Baayen, R. H. (1991) A stochastic process for word frequency distributions, *Proceedings of the 29th annual meeting of the Association for Computational Linguistics*, Association for Computational Linguistics, Berkeley, 271–278.

F. book chapters

- Baayen, R.H. (2010). The directed compound graph of English. An exploration of lexical connectivity and its processing consequences. In S. Olson (ed.), *New impulses in word-formation* (Linguistische Berichte Sonderheft 17), Hamburg: Buske, 383–402.
- Baayen, R.H, Kuperman, V. and Bertram, R. (2010). Frequency Effects in Compound Processing. In Sergio Scalise and Irene Vogel (eds), *Compounding*. Amsterdam/Philadelphia: Benjamins, 257–270.
- Pluymaekers, M., Ernestus, M., Baayen, R. H., and Geert Booij (2010). Morphological effects on fine phonetic detail: The case of Dutch -igheid. *Laboratory Phonology 10*, Berlin, De Gruyter, pp. 511–531.

- Tremblay, A. and Baayen, R. H. (2010). Holistic Processing of Regular Four-word Sequences: A behavioral and ERP study of the effects of structure, frequency, and probability on immediate free recall. In D. Wood, *Perspectives on formulaic language: Acquisition and communication*. London: The Continuum International Publishing Group, 151–173.
- Milin, P., Kuperman, V., Kostic, A. and Baayen, R. H. (2009). Paradigms bit by bit: an information theoretic approach to the processing of paradigmatic structure in inflection and derivation. In J. P. Blevins and J. Blevins (eds), *Analogy in grammar: form and acquisition*. Oxford University Press, Oxford, 214–252.
- Baayen, R. H. (2008). Corpus linguistics in morphology: morphological productivity. In A. Luedeling and M. Kyto (eds), *Corpus Linguistics. An International Handbook*. Mouton De Gruyter, Berlin.
- Kemenade, A. van, Milicev, T. and Baayen, R. H. (2008). The balance between syntax and discourse in Old English. In M. Gottie, M. Dossena and R. Dury (eds), *English Historical Linguistics 2006*. John Benjamins, Amsterdam, 2008. 3-22.
- Baayen, R. H. (2007). Storage and computation in the mental lexicon. In: G. Jarema and G. Libben (Eds.), *The Mental Lexicon: Core Perspectives*, Elsevier, 81–104.
- Bresnan, J., Cueni, A., Nikitina, T., and Baayen, R. H. (2007). Predicting the dative alternation. In G. Boume, I. Kraemer, and J. Zwarts (Eds.), *Cognitive Foundations of Interpretation*. Amsterdam: *Proceedings of the Royal Netherlands Academy of Science*, 69–94.
- Ernestus, M. and Baayen, R. H. (2007). Intraparadigmatic effects on the perception of voice. E.J. Van der Torre. and J. Van de Weijer *Voicing in Dutch*, Benjamins, 153–173.
- Ernestus, M. and Baayen, R. H. (2006) The functionality of incomplete neutralization in Dutch: The case of paste-tense formation. In L.M. Goldstein, D.H. Whalen, and C.T. Best (Eds.), *Laboratory Phonology 8* . Berlin: Mouton de Gruyter, 27–49.
- Vulanović, R. and Baayen, R. H. (2006). Fitting the development of periphrastic do in all sentence types. In P. Grzybek, & R. Koehler, R. (Eds.), *Festschrift für Gabriel Altmann*. Walter de Gruyter, 679–688.
- Baayen, R. H. (2005). Word frequency distributions. In R. Koehler, G. Altmann and R. G. Piotrowski (Eds.), (eds), *Quantitative Linguistics. An international handbook*, Berlin: Walter de Gruyter, 397–409.
- Baayen, R. H. (2005). Morphological productivity. In R. Koehler, G. Altmann and R. G. Piotrowski (Eds.), *Quantitative Linguistics. An international handbook*, Berlin: Walter de Gruyter, 243–256.
- Baayen, R. H. (2005) Data mining at the intersection of psychology and linguistics. In Cutler, A. (ed), *Twenty-First Century Psycholinguistics: Four Cornerstones*, Erlbaum, 69–83.
- Moscoso del Prado Martín, F. and Baayen, R. H. (2005). Unsupervised Extraction of High-dimensional Representations from Corpora using Simple Recurrent Networks. In T. Lenci, S. Montemagni, and V. Pirrelli (Eds.), *Linguistica computazionale - fascicoli monografici*, Istituti editoriali e poligrafici internazionali, Pisa – Roma.
- Tabak, W., Schreuder, R. and Baayen, R. H. (2005). Lexical statistics and lexical processing: semantic density, information complexity, sex, and irregularity in Dutch. In M. Reis and S. Kepser (eds), *Linguistic Evidence*, Mouton, 529–555.
- Moscoso del Prado Martín, F., Schreuder, R. and Baayen, R. H. (2004) Using the structure found in time: Building real-scale orthographic and phonetic representations by accumulation of expectations. In Bowman, H. and Labiouse, C. (eds), *Connectionist Models of Cognition, Perception and Emotion: Proceedings of the eighth Neural Computation and Psychology Workshop*. Singapore: World Scientific, 263–272.

- Neijt, A., Schreuder, R., and Baayen, R. H. (2004) Seven years later: The effect of spelling on interpretation. In Cornips, L. & Doetjes, J., *Linguistics in the Netherlands 2004*, Benjamins, Amsterdam, 134–145.
- Randall, J., Van Hout, A., Weissenborn, J., and Baayen, R. H. (2004) Acquiring unaccusativity: a cross-linguistic look. In Alexiadou, A., Anagnostopoulou, E. and Everaert, M. (eds), *The unaccusativity puzzle*, Oxford University Press, Oxford, 332–353.
- Baayen, R. H. (2003) Probabilistic approaches to morphology. In Bod, R., Hay, J. and Jannedy, S. (eds), *Probabilistic Linguistics*, The MIT Press, Cambridge, Mass., 2003, 229–287.
- Baayen, R. H., McQueen, J., Dijkstra, T. and Schreuder, R., Frequency effects in regular inflectional morphology: Revisiting Dutch plurals. In Baayen, R. H. and Schreuder, R. (eds), *Morphological structure in language processing*, Mouton de Gruyter, Berlin, 355–390.
- Baayen, R. H., Moscoso del Prado Martín, F., Wurm, L., and Schreuder, R. (2003), When word frequencies do NOT regress towards the mean. In Baayen, R. H. and Schreuder, R. (eds), *Morphological structure in language processing*, Mouton de Gruyter, Berlin, 463–484.
- Neijt, A., Schreuder, R. and Baayen, R. H. (2003) Verpleegsters, ambassadrices, and masseuses. Stratum differences in the comprehension of Dutch words with feminine agent suffixes. In Cornips, L. and Fikkert, P. (eds), *Linguistics in the Netherlands 2003*, Amsterdam, Benjamins, 117–127.
- Krott, A., Schreuder, R. and Baayen, R. H. (2003) Analogical hierarchy: exemplar-based modeling of linkers in Dutch noun-noun compounds. In Skousen, R. (ed), *Analogical Modeling: An Exemplar-Based Approach to Language*, Benjamins, Amsterdam, 181–206
- Schreuder, R., Burani, C. and Baayen, R. H. (2003) Parsing and semantic opacity. In Assink, E.M.H. and Sandra, D. (eds), *Reading Complex Words*, Kluwer, Dordrecht, 159–189.
- Baayen, R. H. and Schreuder, R. (2002) Morphological Processing. In *Encyclopedia of Cognitive Sciences*, Nature Publishing group, MacMillan Publishers Ltd.
- Baayen, R. H., Schreuder, R., De Jong, N. H. and Krott, A. (2002) Dutch inflection: the rules that prove the exception. In Nootboom, S., Weerman, F. and Wijnen, F. (eds), *Storage and Computation in the Language Faculty*, Kluwer Academic Publishers, Dordrecht, 61–92.
- Ernestus, M. and Baayen, H. (2001) Choosing between the Dutch past-tense suffixes *-te* and *-de*. In van der Wouden, T. and de Hoop, H. (eds), *Linguistics in the Netherlands 2001*, Benjamins, Amsterdam, 81–93.
- Baayen, R. H., Schreuder, R., Bertram, R. and Tweedie, F. J. (1999) The semantic functions of the Dutch suffix *-heid*: evidence from lexicography, lexical statistics, and psycholinguistics. In Nenonen, M. and Jarvikivi, J., *Languages, minds, and brains*, University of Joensuu, Joensuu, 1–29.
- Baayen, R. H., Schreuder, R. and Sproat, R. (2000) Morphology in the mental lexicon: a computational model for visual word recognition. In van Eynde, F. and Gibbon, D. (eds), *Lexicon Development for Speech and Language Processing*, Kluwer Academic Publishers, 267–291.
- Renouf, A. and Baayen, R. H. (1998) Aviating among the hapax legomena: Morphological grammaticalisation in current British newspaper English. In Renouf, A. (ed), *Explorations in Corpus Linguistics*, Rodopi, Amsterdam, 181–189.
- Baayen, R. H. (1997) Markedness and productivity. In Dressler, W.U., Prinzhorn, M. and Rennison, J. R. (eds), *Advances in Morphology (Trends in Linguistics Studies and Monographs 97)*, Mouton De Gruyter, Berlin, 189–200.
- Baayen, R. H. (1996) The randomness assumption in word frequency statistics. In Perisinotto, G. (ed), *Research in Humanities Computing 5*, Oxford University Press, Oxford, 17–31.

- Baayen, R. H. and Schreuder, R. (1996) Modeling the processing of morphologically complex words. In Dijkstra, T. and de Smedt, K. (eds), *Computational Psycholinguistics: AI and Connectionist Models of Human Language Processing*, Taylor & Francis, London, 166–191.
- Schreuder, R. and Baayen, R. (1995) Modeling morphological processing. In Feldman, L. B. (ed), *Morphological Aspects of Language Processing*. Lawrence Erlbaum, Hillsdale, New Jersey, 131–154.
- Baayen, R. H. (1994) The randomness assumption in word frequency statistics. In Apt, K., Schrijver, L. and Temme, N. (eds), *From Universal Morphisms to Megabytes: A Baayen Space Odyssey*, Centre for Mathematics and Computer Science, Amsterdam, 125–140.
- Chitashvili, R. J. and Baayen, R. H. (1993) Word frequency distributions. In Altmann, G. and Hřebíček, L. (eds), *Quantitative Text Analysis*, Wissenschaftlicher Verlag Trier, Trier, 54–135.
- Baayen, R. H. (1990) Woorden onder elkaar (Words among each other). In Baayen, R. H. and de Waard, J. (eds), *Aspecten van Bijbelvertalen*, Nederlands Bijbelgenootschap, Haarlem, 1–29.

G. miscellaneous publications

- Baayen, R. H. (2006). *Woorden onder elkaar*. Amsterdam: Koninklijke Nederlandse Akademie van Wetenschappen (inaugural lecture, available at www.knaw.nl/publicaties/pdf/20051120.pdf).
- Baayen, R. H., Schreuder, R. and Mauth, K. (2005) Dichters in het lab. *Parmentier* **14.1**, 8–20.
- Baayen, R. H., Schreuder, R. and Mauth, K. (2005) Dichters in het lab. Verwerkt het dichtersbrein de woorden anders? *Onze Taal* **74.6**, 166–167.
- Ernestus, M., Mak, P. and Baayen, R. H. (2005) Waar 't kofschip strandt. *Levende Talen Magazine* **92.6**, 9–11.
- Baayen, R. H. (2004) Statistics in Psycholinguistics: A critique of some current gold standards. *Mental Lexicon Working Papers in Psycholinguistics* **1**, Edmonton, 1–45.
- Ernestus, M. and Baayen, R. H. (2004) Kuchde, tobte en turfte: Lekkage in 't kofschip. *Onze Taal* **73.12**, 360–361.
- Hulsen, M., Schouten, E., Baayen, R. H. and R.Schreuder (2002) De ontwikkeling van een woordenlijst academisch Nederlands, *Levende Talen Tijdschrift* **3**, 11–18.
- Baayen, R. H. (1998) Het anti-corpus-axioma. *Nederlandse Taalkunde* **3**, 131–136.
- Baayen, R. H., Neijt, A. and Schreuder, R. (1998) Wat doet een n meer of minder ertoe? De spelling van de tussen-n en het leesproces. *Onze Taal* **67**, 330–332.
- Baayen, R. H. (1993) Het type 'ontzadelen': denominaal of deverbaal? (The type 'unsaddle': denominal or deverbal?), *TABU* **23**, 5–14.
- Baayen, R. H. (1992) Taalsystematiek, taalgebruik, semantiek en produktiviteit (Competence, performance, semantics and productivity), *Forum der Letteren* **33**, 214–224.
- Baayen, R. H. (1990) De graad van produktiviteit van het suffix -ing (The degree of productivity of the suffix -ing), *Forum der Letteren* **31**, 203–217.
- Baayen, R. H. (1990) Corpusgebaseerd onderzoek naar morfologische produktiviteit (Corpus-based studies of morphological productivity), *Spektator* **19**, 213–233.
- Baayen, R. H. (1987) Syntactic word formation, *Free University Working Papers in Linguistics*.

Baayen, R. H. (1985) Tiberian Hebrew within the framework of lexical phonology, *Free University Working Papers in Linguistics*.

H. book reviews

Baayen, R. H. (2002) Review of J. Hay, Causes and consequences of word structure. *Glott International* 6, 60–64.

Baayen, R. H. (1996) Review of Michael Stubbs, Text and Corpus Analysis. Blackwell Publishers, Oxford, 1996. *Literary and Linguistic Computing*.

Baayen, R. H. (1996) Review of Douglas Biber, Dimensions of Register Variation: A Cross-Linguistic Comparison. Cambridge University Press, Cambridge, 1995. *Literary and Linguistic Computing* 11.3.

Baayen, R. H. (1996) Review of Eugene Charniak, Statistical Language Learning. The MIT Press, Cambridge, Massachusetts, 1993. *Language*.

Baayen, R. H. (1995) Review of Royal Skousen, Analogy and Structure. Kluwer, Dordrecht, 1992. *Language* 71, 390–396.

Baayen, R. H. (1995) Review of T. Rietveld and R. van Hout, Statistical Techniques for the Study of Language and Language Behavior, Mouton de Gruyter, Berlin, 1993, *Functions of Language* 2, 130–131.

Baayen, R. H. (1995) Review of R. Köhler and B. B. Rieger (eds), Contributions to quantitative linguistics. Proceedings of the first international conference on quantitative linguistics, Qualico, Trier, 1991. *Journal of Quantitative Linguistics* 1, 251–263.

Baayen, R. H. (1995) Review of U. Zernik (ed), Lexical Acquisition. Exploiting on-line resources to build a lexicon. Lawrence Erlbaum Associates, Hillsdale, New Jersey, 1991. *Linguistics* 33, 396–398.

Baayen, R. H. (1992) Review of H. Günther (ed), Experimentelle Studien zur deutschen Flexionsmorphologie. In Booij, G. E. and van Marle, J. (eds), *Yearbook of Morphology 1991*, Kluwer Academic Publishers, Dordrecht, 259–264.

Baayen, R. H. (1991) De CELEX lexicale database, *Forum der Letteren* 32, 221–231.

Baayen, R. H. (1983) Bespreking, met speciale aandacht voor het kenmerk [lang], van G. E. Booij, Generatieve Fonologie van het Nederlands (Review, with special reference to the feature [long], of G. E. Booij, Generative Phonology of Dutch), *Leuvense Bijdragen* 72, 79–99.

I. other publications

Baayen, R. H. (2007) *LanguageR* (R package on CRAN).

Baayen, R. H. (1999) *Lexstats*. A program library with graphical user interface for the statistical analysis of word frequency distributions. Released under the GNU general public license for LINUX and UNIX at the 1999 meeting of the Association for Computers and the Humanities and the Association for Literary and Linguistic Computing, Virginia.

Baayen, R. H., Piepenbrock, R. and van Rijn, H. (1993) *The CELEX lexical database* (CD-ROM), Linguistic Data Consortium, University of Pennsylvania, Philadelphia, PA.

conference papers presented

- Baayen, R. H., Naive discrimination learning as a tool for cognitive linguistics. Invited lecture, Center for Advanced Studies, Oslo, April 12, 2012.
- Baayen, R. H. and Schuster, I., Open Science, F-AG Workshop Clarin-D, March 30, Saarbruecken (**invited**).
- Baayen, R. H. and Ramscar, M., The smooth signal hypothesis and paradigmatic structure. Workshop on Information Density and Linguistic Variation, DGfS, Frankfurt, March 9, 2012 (**invited**).
- Baayen, R. H., No mental lexicon? Invited lecture in the cross-sections series, Groningen, February 22, 2012.
- Baayen, R. H. and Milin, P., Exo-lexical variables in monolingual and bilingual morphological processing. Workshop on Exo-lexical variables in monolingual and bilingual morphological processing, Vienna, February 9, 2012 (**invited**).
- Baayen, R. H., Generalized additive mixed-effect models and their application in psycholinguistic research. Winter School on Multilingualism across the Lifespan, Fribourg, February 8, 2012 (**invited**).
- Baayen, R.H., Exploring linguistic components of evoked response potentials with generalized additive models (GAMs). Bilingual workshops in theoretical linguistics, Hamilton, December 10, 2011 (**invited**).
- Baayen, R. H. Tracking datives with generalized additive mixed models. FOR 868-Workshop "Mind and Brain Dynamics", Potsdam, August 4, 2011 (**invited**).
- 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 Baayen, R. H. 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**).
- Baayen, R. H. & Marelli, M. The directed compound graph of English: An exploration of lexical connectivity and its processing consequences. Society for the Scientific Study of Reading, Berlin, July 7, 2010 (**invited**).
- Tatiana Kryuchkova, Benjamin V. Tucker, Lee Wurm and R. Harald Baayen Pitch Information Provides Privileged Lexical Access for Emotion Words: Evidence from Electroencephalography. Seventh International Conference on the Mental Lexicon, Windsor, Canada, July 3, 2010.
- Koji Miwa, Patrick Bolger, Ton Dijkstra, and Harald Baayen The Case of Different Scripts: Cross-Linguistic Effects in Japanese-English Bilingual Word Recognition. Seventh International Conference on the Mental Lexicon, Windsor, Canada, July 2, 2010.
- Karin Nault, Harald Baayen and Gary Libben Morphological Therapy Protocol: New Therapeutic Intervention for Aphasia. Seventh International Conference on the Mental Lexicon, Windsor, Canada, July 2, 2010.

- Columbus, G., Baayen, R. H., & Bolger, P. Processing multiword units: Degrees of idiomaticity seen through eye movements. Seventh International Conference on the Mental Lexicon, Windsor, Canada, July 1, 2010.
- Michelle Sims, Benjamin V. Tucker and Harald Baayen Morphological Information and Fine Phonetic Detail in English Irregular Verbs. Seventh International Conference on the Mental Lexicon, Windsor, Canada, July 1, 2010.
- Laura Teddiman and Harald Baayen The Role of Suffix Pairs in English Multimorphemic Words: Evidence From Eye-Tracking. Seventh International Conference on the Mental Lexicon, Windsor, Canada, July 1, 2010.
- Baayen, R. H., Hendrix, P., & Tremblay, A. Electrophysiological effects in language processing: the potential of generalized additive modeling. 25th Annual Meeting of the Canadian Society for Brain Behaviour and Cognitive Science, Halifax, June 13, 2010 (**invited**).
- 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.
- Baayen, R. H., Hendrix, P., Milin, P & Filipović-Durdević, D. (2009). 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, NWAWE 38, Ottawa, Canada, October 22, 2009 (**invited**).
- Baayen, R. H., Hendrix, P., Milin, P & Filipović-Durdević, D., *There is more to prime than meets the eye*. Invited lecture, ESF workshop ' Words In Action: Interdisciplinary Approaches To Understanding Word Processing And Storage, Pisa, Italy, 11-14 October, 2009.
- Baayen, R. H., Shaoul, C., Columbus, G., Tremblay, A. & Kuperman, V. (2009). The processing of multiword expressions, 28TH INTERNATIONAL CONFERENCE ON LEXIS AND GRAMMAR, Bergen, Norway, September 30, 2009 (**invited**).
- Baayen, R. H., Kryuchkova, T. and Vickerman, A. (2009). Ordering constraints in English derivation and compounding, WORKSHOP ON AFFIX ORDER IN SLAVIC LANGUAGES, Vienna, Austria (**invited**).
- Baayen, R. H. (2009). Advanced issues in multilevel model building and evaluation. PRE-CONFERENCE CUNY WORKSHOP ON ORDINARY AND MULTILEVEL MODELS, Davis, USA.
- Baayen, R. H. (2009). Four problems for theories of morphological processing 6TH INTERNATIONAL MORPHOLOGICAL PROCESSING CONFERENCE, Turku, Finland (**invited**).
- Baayen, R.H., Hendrix, P., Tabak, W. and Schreuder, R. (2008). Electrophysiological effects in language production: a picture naming study using generalized additive modeling. WECOL, Davis, USA (**invited**).
- Baayen, R.H., Hendrix, P., Tabak, W. and Schreuder, R. (2008). Electrophysiological effects in language production: a picture naming study using generalized additive modeling. 6TH INTERNATIONAL CONFERENCE ON THE MENTAL LEXICON, Banff.
- Baayen, R.H. (2008). An exemplar-based approach to semi-productivity. WORKSHOP ON SEMI-PRODUCTIVITY, Tufts University, 2008 (**invited**).

- Baayen, R.H. (2008). 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. (2008). Using R for corpus linguistics. AACL, Provo, 2008 (pre-conference workshop tutorial).
- Baayen, R.H. (2008). Frequency effects in compounding, COMPONET CONGRESS ON COMPOUNDING, Bologna, 2008 (**invited**).
- Baayen, R.H. (2008). Exemplar-driven approaches to linguistic generalizations, CSCA SUMMER SCHOOL 2008, WORKSHOP COGNITIVE MODELING: CONTRASTING PERSPECTIVES, Amsterdam, 2008 (**invited**).
- Miwa, K., Libben, G. and Baayen, R. H. (2008). Seeing water in desert: semantic radical activation in visual Japanese compound recognition. CANADIAN LINGUISTIC ASSOCIATION, Vancouver, 2008.
- Tremblay, A., Baayen, R. H., Derwing, B., Libben, G. and Westbury, C., Lexical bundles and working memory: An ERP study. FORMULAIC LANGUAGE RESEARCH NETWORK CONFERENCE, Nottingham, 2008.
- Baayen, R. H. (2007). Dynamics and complexity in language processing. WORKSHOP ON DYNAMICS AND COMPLEXITY OF PEOPLES AND SOCIETIES, Northwestern, October 2007 (**invited**).
- Baayen, R. H. (2007). Probing Lexical Processing in Modern Dutch Poetry. LSA FORM LECTURE, Stanford, July 2007 (**invited**).
- Baayen, R. H. (2007). Co-occurrence below and above the word level: A psycholinguistic approach. ICAME, Stratford-upon-Avon, May 2007 (**invited**).
- Baayen, R. H. and Moscoso del Prado Martín, F. (2006) Bits and pieces of an information theoretical approach to inflectional paradigms. ANALOGY IN GRAMMAR: FORM AND ACQUISITION, Leipzig, September 2006. **invited**.
- Pluymaekers, M., Ernestus, M., Baayen, R. H., and Booij, G., Morphological effects on fine phonetic detail: The case of Dutch -igheid. LABPHON, Paris, June 2006.
- Keune, K., Van Hout, R. and Baayen, R. H. (2006) 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.
- 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., Schreuder, R. and 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., Baayen, R. H. and Levelt, W.J.M., The Role of Frequency Information in Compound Production (EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY), Leiden, August–September 2005.
- Ernestus, M., Lahey, M., Verhees, F. and Baayen, R. H., Lexical frequency and voice assimilation (EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY), Leiden, August–September 2005.
- Pluymaekers, M., Ernestus, M. and Baayen, R. H., Lexical Frequency and Affix Reduction in Conversational and Laboratory Speech (EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY), Leiden, August 2005.

- Tabak, W., Schreuder, R. and Baayen, R. H., 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'ÉTUDE 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., Tabak, W. and Schreuder, R., Semantic density and (ir)regularity (FOURTH INTERNATIONAL MORPHOLOGY WORKSHOP), Cambridge (UK), June 2005. **invited**.
- Pluymaekers, M., Ernestus, M. and Baayen, R. H., Lexical frequency and prefix reduction (FOURTH INTERNATIONAL CONFERENCE ON THE MENTAL LEXICON), Windsor, Canada, July, 2004.
- Ernestus, M., Lahey, M., Verhees, F. and Baayen, R. H., Lexical frequency and voice assimilation (FOURTH INTERNATIONAL CONFERENCE ON THE MENTAL LEXICON), Windsor, Canada, July, 2004.
- Baayen, R. H., Questioning the unquestionable: Semantics and (ir)regularity (INTERNATIONAL CONFERENCE ON LINGUISTIC EVIDENCE: EMPIRICAL, THEORETICAL, AND COMPUTATIONAL PERSPECTIVES), Tübingen, January, 2004. **invited** .
- Baayen, R. H., Subjects, items, and statistical modeling (MENTAL LEXICON RESEARCH GROUP MEETING) Vienna, October, 2003. **invited**.
- Baayen, R. H. and Feldman, L.B., PCA regression. (MENTAL LEXICON RESEARCH GROUP MEETING), Vienna, October, 2003. **invited**.
- Moscoso del Prado Martín, F. and Baayen, R. H., 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., Moscoso del Prado Martín, F., Deutsch, A., Frost, R., Bertram, R., Dijkstra, T., and Schreuder, R., 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**.
- Baayen, R. H., Sex differences in inflectional morphology (WORKSHOP ON MEASURING LEXICAL VARIATION AND CHANGE), Leuven, October 2002. **invited**.

- Baayen, R. H., Krott, A., Dressler, W.U., Jarema, G. and Libben, G., Interfixes as boundary markers in compounds (THIRD INTERNATIONAL CONFERENCE ON THE MENTAL LEXICON), Banff, October 2002.
- Krott, A., Baayen, R. H. and P.Hagoort, Effects of compound families on the recognition of Dutch interfixes (THIRD INTERNATIONAL CONFERENCE ON THE MENTAL LEXICON), Banff, October 2002.
- Moscoso del Prado Martín,F., Ernestus, M. and Baayen, R. H., Analogy and rules in the interpretation of neutralized voiced segments and Dutch past-tense inflection: Insights from a connectionist model (THIRD INTERNATIONAL CONFERENCE ON THE MENTAL LEXICON), Banff, October 2002.
- Baayen, R. H., Analogy versus rules in Dutch past tenses. (QUANTITATIVE INVESTIGATIONS IN THEORETICAL LINGUISTICS), Osnabrück, October 2002.
- Krott, A., Baayen, R. H. and Hagoort, P. Analogical effects in the comprehension of interfixed Dutch compounds (ARCHITECTURES AND MECHANISMS FOR LANGUAGE PROCESSING), Gran Canaria, September 2002.
- Kemps, R., Ernestus, M., Schreuder, R., and Baayen, R. H., Subphonemic cues for morphological complexity in spoken word recognition (ARCHITECTURES AND MECHANISMS FOR LANGUAGE PROCESSING), Gran Canaria, September 2002.
- Baayen, R. H. Affix productivity and base productivity (ESSE6), Strassbourg, September 2002.
- Baayen, R. H., van Halteren, H., Neijt, A. and Tweedie, F. J. An experiment in authorship attribution (JOURNEES ANNUELLES DE DONNEES TEXTUELLES), St. Malo, March 2002.
- Ernestus, M. and Baayen, R. H., Graded analogical effects in language production (EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY XII), Edinburgh, September 2001.
- Krott, A. and Baayen, R. H., Similarity in Production (EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY XII), Edinburgh, September 2001.
- Ernestus, M. and Baayen, R. H., Morpho-phonological paradigms: evidence from two production experiments in Dutch (THE LEXICON IN LINGUISTIC THEORY), Duesseldorf, August 2002.
- Baayen, R. H. Statistical analysis of experimental data for NLP (EUROPEAN CHAPTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS TUTORIAL), Toulouse, July 2001. **invited.**
- De Jong, N.H., Ghyselinck, W., Schreuder, R. and Baayen, R. H., Morphological family members make the meaning of a word (2ND INTERNATIONAL WORKSHOP ON MORPHOLOGICAL PROCESSING), Nijmegen, June 2001.
- Sandra, D. and Baayen, R. H. Modelling spelling errors on fully regular verb forms, (2ND INTERNATIONAL WORKSHOP ON MORPHOLOGICAL PROCESSING), Nijmegen, June 2001.
- Baayen, R. H. and Schreuder, R. 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.
- Baayen, R. H. Affix combinations and productivity: A quantitative foray into Dutch (INTERNATIONAL MORPHOLOGY WORKSHOP), Nijmegen, January 2001.
- Baayen, R. H. Probability in morphology (LINGUISTIC SOCIETY OF AMERICA, Washington, January 2001. **invited.**
- 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.**
- Ernestus, M., Schreuder, R. and Baayen, R. H., Context-sensitive representations for highly-reduced word forms (SECOND INTERNATIONAL CONFERENCE ON THE MENTAL LEXICON), Montreal, October 2000.
- Krott, A., de Grave, D. de, Schreuder, R. and Baayen, R. H., Linking elements in Dutch noun-noun compounds: Constituent families as predictors of response latencies (SECOND INTERNATIONAL CONFERENCE ON THE MENTAL LEXICON), Montreal, October 2000.
- De Jong, N.H., Feldman, L.B., Baayen, R. H. and Schreuder, R., Morphological family effects in Dutch and English compounds (SECOND INTERNATIONAL CONFERENCE ON THE MENTAL LEXICON), Montreal, October 2000.
- Baayen, R. H., Schreuder, R. and De Jong, N.H., Subject variability, instruction effects, and morphological processing (SECOND INTERNATIONAL CONFERENCE ON THE MENTAL LEXICON), Montreal, October 2000.
- De Jong, N.H., Schreuder, R. and Baayen, R. H., MFRM: A resonance model for understanding the morphological family size effect in the mental lexicon (ARCHITECTURES AND MECHANISMS FOR LANGUAGE PROCESSING), Leiden, September 2000.
- Krott, A., Schreuder, R. and Baayen, R. H., ANNE: an ANalogical NETwork model for the production of linking elements in Dutch noun-noun compounds (ARCHITECTURES AND MECHANISMS FOR LANGUAGE PROCESSING), Leiden, September 2000.
- Weeber, M. and Baayen, R. H., Extracting the lowest-frequency words: Pitfalls and possibilities (INTERNATIONAL QUANTITATIVE LINGUISTICS CONFERENCE), Prague, August 2000.
- Baayen, R. H., Tweedie, F. J., van Halteren, H., Neijt, A. and Krebbers, L., Back to the caves of shadows. A controlled experiment in authorship discrimination (JOINT CONFERENCE OF THE ASSOCIATION FOR LITERARY AND LINGUISTIC COMPUTING AND THE ASSOCIATION FOR COMPUTERS AND THE HUMANITIES), Glasgow, July 2000.
- Schreuder, R., Baayen, R. H. and de Jong, N.H., Morphological families in the mental lexicon: experimental data and modeling (NWO-TAIWAN JOINT WORKSHOP ON COGNITIVE SCIENCE), April 2000.
- Krott, A. and Baayen, R. H., Modeling linking elements in Dutch noun-noun compounds with a lazy learning algorithm (WORKSHOP ON ANALOGICAL MODELING, PROVO), March 2000. **invited.**
- Baayen, R. H. Word Frequency distributions (JOURNEES ANNUELLES DE DONNEES TEXTUELLES), Lausanne, March 2000. **invited.**
- De Jong, N.H., Schreuder, R. and Baayen, R. H. The morphological family size effect (INTERNATIONAL MORPHOLOGY MEETING), Vienna, February 2000.
- Krott, A., Schreuder, R. and Baayen, R. H. The predictability of linking morphemes in Dutch noun-noun compounds (INTERNATIONAL MORPHOLOGY MEETING), Vienna, February 2000.
- Plag, I., Dalton-Puffer, C. and Baayen, R. H., The predictability of linking morphemes in Dutch noun-noun compounds (INTERNATIONAL MORPHOLOGY MEETING), Vienna, February 2000.
- Baayen, R. H. and Schreuder, R. Morphological families and morphology, (WORKSHOP ON CROSSLINGUISTIC PERSPECTIVES ON MORPHOLOGICAL PROCESSING), Aix en Provence, June 1999. **invited.**
- Schreuder, R. and Baayen, R. H., Morphological processing, (ANNUAL ITALIAN PSYCHOLOGY MEETING), Bressanone), January 1999. **invited.**

- Baayen, R. H. Demonstration session of LEXSTATS, (JOINT CONFERENCE OF THE ASSOCIATION FOR COMPUTERS AND THE HUMANITIES AND THE ASSOCIATION FOR LITERARY AND LINGUISTIC COMPUTING), Charlotteville, June 1999.
- Tweedie, F. J. and Baayen, R. H., Mixture models for word frequency distributions (JOINT CONFERENCE OF THE ASSOCIATION FOR COMPUTERS AND THE HUMANITIES AND THE ASSOCIATION FOR LITERARY AND LINGUISTIC COMPUTING), Charlotteville, June 1999.
- Baayen, R. H. LNRE statistics (WORKSHOP ON COMPUTATIONALLY INTENSIVE METHODS IN QUANTITATIVE LINGUISTICS), Glasgow, October 1998. **invited.**
- Baayen, R. H. Deconstructing texts with electronic dice: Monte Carlo methods in lexical statistics (WORKSHOP ON COMPUTATIONALLY INTENSIVE METHODS IN QUANTITATIVE LINGUISTICS), Glasgow, September 1997. **invited.**
- Baayen, R. H. and Tweedie, F. J. The parameters of LNRE models as sample-size invariant: problems and opportunities (THIRD INTERNATIONAL CONFERENCE ON QUANTITATIVE LINGUISTICS), Helsinki, August 1997.
- Tweedie, F. J. and Baayen, R. H. How variable may a constant be? Measures of lexical richness in perspective (JOINT CONFERENCE OF THE ASSOCIATION FOR COMPUTERS AND THE HUMANITIES AND THE ASSOCIATION FOR LITERARY AND LINGUISTIC COMPUTING), Kingston, June 1997.
- Baayen, R. H. and Renouf, A. Aviating among the hapax legomena: On the birth of new affixes in current newspaper English (18TH INTERNATIONAL ICAME CONFERENCE, Chester, May 1997).
- Baayen, R. H. Lexical statistics (18TH INTERNATIONAL ICAME CONFERENCE), Chester, May 1997. **invited.**
- Baayen, R. H. Corpora and lexical semantics (V JORNADA DE CORPUS LINGÜÍSTICS: ELS CORPUS EN LA RECERCA SEMÀNTICA I PRAMÀTICA), Barcelona, April 1997. **invited.**
- Baayen, R. H. Stem productivity in lexical processing, or, How complex simplex words can be (19. JAHRESTAGUNG DER DEUTSCHEN GESELLSCHAFT FÜR SPRACHWISSENSCHAFT), Duesseldorf, February 1997. **invited.**
- Baayen, R. H. Productivity in context: a case study of a Dutch suffix (TRIERER KOLLOQUIUM ZUR QUANTITATIVEN LINGUISTIK), Trier, October 1996.
- Baayen, R. H., Tweedie, F., and Van Halteren, H. Outside the cave of shadows: Using syntactic annotation to enhance authorship attribution (JOINT CONFERENCE OF THE ASSOCIATION FOR COMPUTERS AND THE HUMANITIES AND THE ASSOCIATION FOR LITERARY AND LINGUISTIC COMPUTING), Bergen, June 1996.
- Baayen, R. H. How singular can plural be? Understanding and producing number inflection on nouns: Evidence from Dutch and Italian (7TH INTERNATIONAL MORPHOLOGY MEETING), Vienna, February 1996. **invited.**
- Baayen, R. H. Consequences of affixal homonymy for the processing of inflections in language comprehension: evidence from Dutch (WORKSHOP ON INFLECTION, 7TH INTERNATIONAL MORPHOLOGY MEETING), Vienna, February 1996.
- Baayen, R. H. Chronicling 'The Times': Lexical innovations in an English newspaper, (WORKSHOP ON TERMINOLOGY, INFORMATION RETRIEVAL, AND LINGUISTICS), Rome, October 1995. **invited.**
- Baayen, R. H. The randomness assumption in word frequency statistics (JOINT CONFERENCE OF THE ASSOCIATION FOR COMPUTERS AND THE HUMANITIES AND THE ASSOCIATION FOR LITERARY AND LINGUISTIC COMPUTING), Santa Barbara, July 1995.

- Baayen, R. H. Derivational productivity and text typology (THE 1994 JOINT CONFERENCE OF THE ASSOCIATION FOR LITERARY AND LINGUISTIC COMPUTING AND THE ASSOCIATION FOR COMPUTERS AND THE HUMANITIES), Paris, France, April 1994.
- Cutler, A., McQueen, J., Baayen, R. H., Roach, P., Drexler, H. Testing Models of spoken word recognition against real speech (FOURTH WORKSHOP ON LANGUAGE COMPREHENSION), Hyères, France, May 1994.
- Randall, J., van Hout, A., Weissenborn, J. and Baayen, R. H. Approaching linking (BOSTON UNIVERSITY CONFERENCE ON LANGUAGE DEVELOPMENT), Boston, USA, January 1994.
- Schreuder, R. and Baayen, R. H. Morphological processing: when, where, and why (not) (TENNET V), Quebec, Canada, May 1994.
- Baayen, R. H. The CELEX lexical database: its use in psycholinguistic research on the mental lexicon (WORKSHOP ON THE UNIFIED LEXICON, SALT), Durham, U.K, December 1993. **invited.**
- Baayen, R. H. Quantitative aspects of Lexical Conceptual Structure (THE 1993 JOINT CONFERENCE OF THE ASSOCIATION FOR COMPUTERS AND THE HUMANITIES AND THE ASSOCIATION FOR LITERARY AND LINGUISTIC COMPUTING), Georgetown, USA, June 1993.
- Baayen, R. H. Same or different? Lexical statistics and Lexical Conceptual Structure (THE 1992 ANNUAL CONFERENCE OF THE LINGUISTIC SOCIETY OF BELGIUM), Antwerpen, Belgium, August 1992.
- Schreuder, R. and Baayen, R. H. Some lexical statistics of prefix stripping (WORKSHOP ON PSYCHOLINGUISTIC APPROACHES TO THE LEXICAL REPRESENTATION OF MORPHOLOGICAL STRUCTURE), Krems, Austria, July 1992.
- Baayen, R. H. Markedness and productivity: a quantitative analysis (FIFTH INTERNATIONAL MORPHOLOGY MEETING), Krems, Austria, July 1992.
- Baayen, R. H. A stochastic process for word frequency distributions (29TH ANNUAL MEETING OF THE ASSOCIATION OF COMPUTATIONAL LINGUISTICS), Berkeley, USA, June 1991.

invited colloquia and workshops

- Baayen, R. H. Workshop introduction to statistical analysis with R, Leeds, March 20-21, 2012.
- Baayen, R. H. and Tremblay, A., Workshop introduction to statistical analysis of ERP data using GAMs, Reading, March 22-23, 2012.
- 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 Antoine Tremblay, Using generalized additive modeling to analyze electrophysiological data. Workshop, University of Groningen, October 27-28, 2011.
- 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. & Dabrowska, E. 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.
- Baayen, R. H., Hendrix, P., Milin, P & Filipović-Durdević, D., *There is more to prime than meets the eye*. Invited lecture, Tuebingen, Germany, December 9, 2009.
- Baayen, R. H. Analyzing linguistic data with statistics. Two-day course, Bergen, Norway, November 10-11, 2008.
- Baayen, R.H., Tremblay, A., Hendrix, P. and Kryuchkova, T. (2009). *Modeling linguistic components of evoked response potentials with generalized additive models*. Belgrade, Serbia, June 2009.
- Baayen, R.H., Tremblay, A., Hendrix, P. and Kryuchkova, T. (2009). *Modeling linguistic components of evoked response potentials with generalized additive models*. Reading, UK, May 2009.
- Baayen, R. H., Kryuchkova, T., Vickerman, A. (2009). *Complexity-based ordering? From affixes and affixoids to compounding*. University of Siegen, Siegen, Germany, April 2009.
- Baayen, R.H. (2009). One-day seminar on *statistical analysis with R*. University of Neuchatel, Neuchatel, Switzerland, April 2009.
- Baayen, R.H., Tremblay, A., Hendrix, P. and Kryuchkova, T. (2008). *Modeling linguistic components of evoked response potentials with generalized additive models*. University of Geneva, Switzerland, April 2009.
- Baayen, R.H., Hendrix, P., Tabak, W. and Schreuder, R. (2008). *Electrophysiological effects in language production: a picture naming study using generalized additive modeling*. Stanford University, Stanford, USA, November 2008.
- Baayen, R.H., Hendrix, P., Tabak, W. and Schreuder, R. (2008). *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.
- Baayen, R. H. Three-day tutorial mixed-effects modeling, LSA Institute, Stanford, USA, July 2007.
- Baayen, R. H. (2006). *On the interpretation of frequency effects in comprehension and production*, Cambridge, November 2006.
- Baayen, R. H. (2006). *Spinning the yarn: Evidence for lexical competition during phonological encoding*. Groningen, May 2006.
- Baayen, R. H. (2006). *Inflectional entropy and fine phonetic detail*. Edmonton, January 2006.
- Baayen, R. H. (2004). *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. (2004). *Productivity and semantic density*. Paris, January 2004.

- Baayen, R. H. (2003). *Methodological problems in psycholinguistics*. Nijmegen, October 2003.
- Baayen, R. H. (2003). (with M. Ernestus) *Synchronic analogy and suboptimality*. Amsterdam, May 2003.
- Baayen, R. H. (2003). *Linear mixed effect modeling*. Detroit, February 2003; Edmonton, April 2002.
- Baayen, R. H. (2002). *Probability in Morphology*. Marburg, January 2002.
- Baayen, R. H. (2001). *Probabilistic morphology*. Osnabrueck, December 2001.
- Baayen, R. H. (2001). *The subjects as a simple random effect fallacy*. Haskins Laboratories, New Haven, January 2001.
- Baayen, R. H. (2000). *Applied word frequency statistics: morphological mixtures, year distributions, and emerging vogue-affixes*. Brighton, November 2000.
- Baayen, R. H. (2000). *Years in newspapers, and high-frequency items in LNRE distributions*. Institut für maschinelle Sprachverarbeitung, Stuttgart, June 2000.
- Family size effects in Morphology*. Baayen, R. H. (1998). Ecole d'été morphologie 1998, Poitiers, Frankrijk, September 1998.
- Baayen, R. H. (1997). *LNRE models in lexical statistics*. University of Manitoba, Winnipeg, December 1997.
- Baayen, R. H. (1997). *The balance of storage and computation in morphology*. University of Manitoba, Winnipeg, December 1997.
- Baayen, R. H. (1997). *How complex simplex words can be*. University Pompeu Fabra, Barcelona, April 1997.
- Baayen, R. H. (1996). *Process Morphology: Quantitative and Cognitive Aspects of Word Structure*. Bell Laboratories, Murray Hill, USA, March 1996.
- Baayen, R. H. (1996). *Singulars and plurals in language comprehension*. University of Amsterdam, The Netherlands, February 1996; University of Potsdam, Germany, October 1995.
- Baayen, R. H. (1995). *Chronicling 'The Times': productive lexical innovations in an English newspaper*. University of Trier, Germany, June 1995.
- Baayen, R. H. (1995). *The randomness assumption in word frequency statistics*. AT&T Bell Laboratories, Murray Hill, USA, March 1995.
- Baayen, R. H. (1995). *Regular morphology in language comprehension*. AT&T Bell Laboratories, Murray Hill, USA, March 1995; Haskins Laboratories, New Haven, USA, March 1995.
- Baayen, R. H. (1995). *The processing of regular plurals in Dutch*. Humboldt University, Berlin, Germany, February 1995.
- Baayen, R. H. (1994). *Introduction to lexical statistics*. University of Geneva, Switzerland, November 1994.
- Baayen, R. H. (1994). *Productivity in morphology: a corpus-based approach*. University of Stuttgart, Germany, May 1994.
- Baayen, R. H. (1993). *Morphological productivity in corpora of written texts*. University of Leeds, U.K., May 1993.
- Baayen, R. H. (1992). *Derivational morphology, productivity, and texts*. University of Freiburg, Germany, December 1992.

membership of professional organizations

Linguistic Society of America.

editorial work

member of editorial board, *Computers and the Humanities* (1996–2005), *Journal of Quantitative Linguistics* 1994–2002, *Linguistics* (2002 –), *Corpus Linguistics and Linguistic Theory* (2004 –), *Morphology* (2005 –), *The mental Lexicon* (2005 –), *Word Structure* (2008 –), *Journal of Experimental Psychology: Memory and Cognition* (2008 –), associate editor of *Language* (2009 –).

additional refereeing for *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 & Cognition*, *Morphology*, *Phonetica*, *Pragmatics*, *Proceedings of the National Academy of the USA*, *Psychological Bulletin and Review*, *Psychological Methods*, *Psychological Science*, *Quarterly Journal of Experimental Psychology*, *Royal Society Interface*, *Scientific Studies of Reading*, *Speech Communication*, *Science*, *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

American Association for Corpus Linguistics (John Newman did most of the hard work), University of Alberta, Edmonton, October 2009.

6th International conference on the mental lexicon (Contributed as a member of a team in which Gary Libben and Elizabeth French did almost all the work.) Banff, October 2008.

Architectures and mechanisms of language processing (AMLAP). Organized in collaboration with J. McQueen and M. Ernestus. Nijmegen, August 2006.

Fifth International Quantitative Linguistics Conference. Organized in collaboration with F.J. Tweedie and S. Embleton. Athens, Georgia, May 2003.

Morphological Processing International workshop organized at the Max Planck Institute for Psycholinguistics, Nijmegen, June 2001.

Affix ordering and productivity International workshop organized at the Max Planck Institute for Psycholinguistics, Nijmegen, January 2001.

Fourth International Quantitative Linguistics Conference. Organized in collaboration with F.J. Tweedie and S. Embleton. Prague, August 2000.

What spelling changes. Workshop, organized in collaboration with A. Neijt and R. Schreuder at the Max Planck Institute for Psycholinguistics, Nijmegen, November, 1997.

Morphology: why, how, when, when not, and why not? Towards an integrated theory of morphology in the mental lexicon. Workshop, organized in collaboration with R. Schreuder, at the Max Planck Institute for Psycholinguistics, Nijmegen, November, 1997.

guistics, Nijmegen, June, 1995.

teaching experience

A. undergraduate courses

Introduction to General Linguistics (Free University, Amsterdam)
Practical Phonetics (Summer Institute of Linguistics, High Wycombe, U.K.)
Morphology (University of Canterbury, New Zealand)
Introduction to Linguistics (Ling 101, University of Alberta, Canada)
Language and evolution (Ling 499, University of Alberta, Canada)
Linguistics for Cognitive Science (University of Tuebingen, Germany)
Introduction to cognitive models of language processing (University of Tuebingen, Germany)

B. graduate courses

Field Methods (Free University, Amsterdam)
Language Typology (Free University, Amsterdam)
Syntax (Free University, Amsterdam)
Translation Theory (Free University, Amsterdam)
Experimental Morphology (Radboud University, Nijmegen)
Linguistic Data (Radboud University, Nijmegen)
Quantitative methods (Ling 603, University of Alberta, Edmonton)
Morphology (Ling 608, University of Alberta, Edmonton)
Computational Modeling (Ling 608, University of Alberta, Edmonton)
Methods in experimental psycholinguistics (Ling 615, University of Alberta, Edmonton)
Corpus Linguistics (Ling 619, University of Alberta, Edmonton)
Statistical Methods (Ling 683, University of Alberta, Edmonton)

C. post-graduate courses

An introduction to statistical analysis with R, Max Planck Institute for Psycholinguistics, Nijmegen, 2006.
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., 2005.
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, 2004.
On the teaching staff and external lecturer, FOURTH ANNUAL RESEARCH MEETING: ESRC AND DFG JOINT SUMMER SCHOOL IN COMPUTATIONAL LINGUISTICS AND PSYCHOLINGUISTICS, Edinburgh, 2004.
Morphology in the Mental Lexicon (LOT SUMMER SCHOOL), Utrecht, 2001.
Morphology in the mental lexicon (NORFA SUMMER SCHOOL, 'LANGUAGES, MINDS, AND BRAINS'), Mekrijärvi, Finland, 1998.
Morphology and the Mental Lexicon (ELSNET SUMMER SCHOOL), Leuven, 1997.
Lexical Statistics (LOT WINTER SCHOOL), Nijmegen, 1997.
Introduction to lexical statistics (UNIVERSITY OF GENEVA), Geneva, 1994.
The Mental Lexicon (DUTCH LINGUISTIC SOCIETY SUMMER SCHOOL), Nijmegen, 1992.
Productivity (GRONINGEN GRADUATE SCHOOL), Groningen, 1991.