

References

: n.d.

- Åquist, L., Hoepelman, J. and Rohrer, C.: 1980, Adverbs of frequency, in C. Rohrer (ed.), *Time, Tense and Quantifiers*, Verlag, Tübingen, pp. 1–18.
- Abney, S.: 1996, Statistical methods and linguistics, in J. L. Klavans and P. Resnik (eds), *The Balancing Act: Combining Symbolic and Statistical Approaches to Language*, MIT Press, Cambridge, MA, pp. 1–26.
- Abney, S.: 1997, Stochastic attribute-value grammars, *Computational Linguistics* **23**(4), 597–618.
- Abney, S., McAllester, D. and Pereira, F.: 1999, Relating probabilistic grammars and automata, *Proceedings of the 37th Annual Meeting of the Association for Computational Linguistics*, ACL, College Park, Maryland, pp. 542–549.
- Ackema, P. and Neeleman, A.: 1998, Conflict resolution in passive formation, *Lingua* **104**, 13–29.
- Adams, E. W.: 1998, *A Primer of Probability Logic*, CSLI Publications, Stanford, CA.
- Agresti, A.: 1990, *Categorical Data Analysis*, John Wiley & Sons, New York.
- Agresti, A.: 1996, *An Introduction to Categorical Data Analysis*, John Wiley & Sons, New York.
- Aha, D. W., Kibler, D. and Albert, M.: 1991, Instance-based learning algorithms, *Machine Learning* **6**, 37–66.
- Ahrens, K. V.: 1998, Lexical ambiguity resolution: Languages, tasks, and timing, in D. Hillert (ed.), *Syntax and Semantics, Volume 31: Sentence Processing: A Crosslinguistic Perspective*, Academic Press, San Diego.
- Aissen, J.: 1999, Markedness and subject choice in Optimality Theory, *Natural Language and Linguistic Theory* **17**, 673–711.
- Albright, A. and Hayes, B.: 2000, An automated learner for phonology and morphology, Manuscript.
- Albright, A., Andrade, A. and Hayes, B.: 2000, Segmental environments of Spanish diphthongization, Manuscript.
- Allegre, M. and Gordon, P.: 1999, Frequency effects and the representational status of regular inflections, *Journal of Memory and Language* **40**, 41–61.
- Allwood, J., Andersson, L.-G. and Dahl, O.: 1977, *Logic in Linguistics*, Cambridge University Press, Cambridge.

- Anderson, J. R.: 1990, *The adaptive character of thought*, Lawrence Erlbaum, Hillsdale, NJ.
- Anderson, S. R.: 1981, Why phonology isn't 'natural', *Linguistic Inquiry* **12**(4), 493–539.
- Anderwald, L.: 1999, *Negation in non-standard British English*, PhD thesis, University of Freiburg.
- Andrews, S.: 1989, Frequency and neighborhood size effects on lexical access: Activation or search?, *Journal of Experimental Psychology: Learning, Memory, and Cognition* **15**, 802–814.
- Andrews, S.: 1992, Frequency and neighborhood size effects on lexical access: Similarity or orthographic redundancy?, *Journal of Experimental Psychology: Learning, Memory, and Cognition* **18**(2), 234–254.
- Anglin, J. M.: 1993, Vocabulary development: A morphological analysis, *Monographs of the Society for Research in Child Development*.
- Anttila, A. T.: 1997, Deriving variation from grammar, in F. Hinskens, R. van Hout, and L. Wetzels (eds), *Variation, Change, and Phonological Theory*, John Benjamins Publishing, Amsterdam, pp. 35–68. (Downloadable from the Rutgers Optimality Archive, ROA 63-0000).
- Anttila, A. T.: 2001, Variation and phonological theory, in J. K. Chambers, P. Trudgill and N. Schilling-Estes (eds), *Handbook of Language Variation and Change*, Blackwell, Oxford.
- Aronoff, M.: 1976, *Word Formation in Generative Grammar*, MIT Press, Cambridge, Mass.
- Aronoff, M.: 1994, *Morphology by itself*, The MIT Press, Cambridge, Mass.
- Asher, N. and Morreau, M.: 1995, What some generic sentences mean, in G. Carlson and F. J. Pelletier (eds), *The Generic Book*, University of Chicago Press, Chicago, pp. 300–338.
- Atkins, B. T. S. and Levin, B. C.: 1995, Building on a corpus: a linguistic and lexicographical look at some near-synonyms, *International Journal of Lexicography* **8**, 85–114.
- Attneave, F.: 1959, *Applications of Information Theory to Psychology*, Holt, Rinehart and Winston, New York.
- Baayen, R. H.: 1994, Productivity in language production, *Language and Cognitive Processes* **9**, 447–469.
- Baayen, R. H.: 2001, *Word frequency distributions*, Kluwer, Dordrecht.
- 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.

- 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.
- 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 G. E. Booij and J. v. Marle (eds), *Yearbook of Morphology 1996*, Kluwer Academic Publishers, Dordrecht, pp. 13–34.
- 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* **36**, 94–117.
- Baayen, R. H., McQueen, J., Dijkstra, A. and Schreuder, R.: 2001, Dutch inflectional morphology in spoken- and written-word recognition, *Linguistics*. in press.
- Baayen, R. H., Piepenbrock, R. and Gulikers, L.: 1995, *The CELEX lexical database (CD-ROM)*, Linguistic Data Consortium, University of Pennsylvania, Philadelphia, PA.
- Baayen, R. H., Schreuder, R. and Sproat, R.: 2000, Morphology in the mental lexicon: a computational model for visual word recognition, in F. van Eynde and D. Gibbon (eds), *Lexicon Development for Speech and Language Processing*, Kluwer Academic Publishers, pp. 267–291.
- Baayen, R. H., Schreuder, R., De Jong, N. H. and Krott, A.: in press, Dutch inflection: the rules that prove the exception, in S. Nooteboom, F. Weerman and F. Wijnen (eds), *Storage and computation in the language faculty*, Kluwer Academic Publishers, Dordrecht.
- Babby, L.: 1980, The syntax of surface case marking, in W. Harbert and J. Herschensohn (eds), *Cornell Working Papers in Linguistics*, Department of Modern Languages and Linguistics, Cornell University, pp. 1–32.
- Bacchus, F.: 1990, *Representing and Reasoning with Probabilistic Knowledge*, MIT Press, Cambridge, Massachusetts.
- Bailey, C.-J.: 1973, *Variation and Linguistic Theory*, Center for Applied Linguistics, Washington, DC.
- Bailey, C.-J.: 1987, Variation theory and so-called 'sociolinguistic grammars', *Language and Communication* **7**, 269–291.
- Bailey, T. M. and Hahn, U.: 2001, Determinants of wordlikeness: Phonotactics or lexical neighborhoods, *Journal of Memory and Language* **4**, 568–591.
- Balota, D. A. and Chumbley, J. I.: 1984, Are lexical decisions a good measure of lexical access? the role of word frequency in the neglected decision stage, *Journal of Experimental Psychology: Human Perception and Performance* **10**, 340–357.

- Barlow, M. and Kemmer, S. (eds): 2000, *Usage-Based Models of Language*, CSLI Publications, Stanford, CA.
- Bates, E. and Devescovi, A.: 1989, Crosslinguistic studies of sentence production, in B. MacWhinney and E. Bates (eds), *The Crosslinguistic Study of Sentence Processing*, Cambridge University Press, Cambridge, pp. 225–256.
- Bates, E. and MacWhinney, B.: 1989, Functionalism and the competition model, in B. MacWhinney and E. Bates (eds), *The Crosslinguistic Study of Sentence Processing*, Cambridge University Press, Cambridge, pp. 3–76.
- Bauer, L.: 2001, *Morphological Productivity*, Cambridge University Press, Cambridge.
- Baxter, W. and Ramer, A. M.: 1996, Review of Ringe (1992), *Diachronica* **13**, 371–384.
- Bayes, T.: 1764, An essay towards solving a problem in the probability of chances., *Philosophical Transactions of the Royal Society of London* **53**, 370–418.
- Bayley, R.: 2001, The quantitative paradigm, in J. Chambers, P. Trudgill and N. Schilling-Estes (eds), *Handbook of Language Variation and Change*, Blackwell Press, London, pp. 117–142.
- Beckman, M. E. and Edwards, J.: 2000, The ontogeny of phonological categories and the primacy of lexical learning in linguistic development, *Child Development* **71**(1), 240–249.
- Beddor, P. and Krakow, R. A.: 1999, Perception of coarticulatory nasalization by speakers of English and Thai: Evidence for partial compensation, *Journal of the Acoustical Society of America* **106**(5), 2868–2887.
- Beddor, P., Harnsberger, J. and Lindemann, S.: in press, Language specific patterns of vowel-to-vowel coarticulation, *Journal of the Acoustical Society of America*.
- Bell, A.: 1984, Language style as audience design, *Language in Society* **13**, 145–204.
- Bell, A., Jurafsky, D., Fosler-Lussier, E., Girand, C., Gregory, M. and Gildea, D.: 2001, Form variation of English function words in conversation, Submitted manuscript.
- Berdan, R.: 1996, Disentangling language acquisition from language variation, in R. Bayley and D. R. Preston (eds), *Second language acquisition and linguistic variation*, John Benjamins, Amsterdam, pp. 203–244.
- Berent, I. and Shimron, J.: 1997, The representation of Hebrew words: Evidence from the obligatory contour principle, *Cognition* **64**, 39–72.
- Berkley, D. M.: 1994, The OCP and gradient data, *Studies in the Linguistic Sciences* **24**(2), 59–72.
- Berkley, D. M.: 2000, *Gradient OCP Effects*, PhD thesis, Northwestern University, Chicago, IL.

- 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., 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.
- 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.
- Bever, T. G.: 1970, The cognitive basis for linguistic structures, in J. R. Hayes (ed.), *Cognition and the Development of Language*, Wiley, New York, pp. 279–352.
- Biber, D. and Finegan, E.: 1989, Drift and the evolution of English style: A history of three genres, *Language* **65**, 487–451.
- Bickerton, D.: 1971, Inherent variability and variable rules, *Foundations of Language* **7**, 457–492.
- Bickerton, D.: 1973, Quantitative versus dynamic paradigms: The case of Montreal 'que', in C.-J. Bailey and R. W. Shuy (eds), *New Ways of Analyzing Variation in English*, Georgetown University Press, Washington, DC, pp. 23–43.
- Bishop, C. M.: 1995, *Neural Networks for Pattern Recognition*, Oxford University Press, Oxford.
- Bishop, Y., Fienberg, S. E. and Holland, P. W.: 1977, *Discrete Multivariate Analysis: Theory and Practice*, MIT Press, Cambridge, MA.
- Black, E., Jelinek, F., Lafferty, J. D., Magerman, D. M., Mercer, R. L. and Roukos, S.: 1993, Towards history-based grammars: Using richer models for probabilistic parsing, *Proceedings of the Association for Computational Linguistics 1993*, Columbus Ohio, pp. 31–37.
- Bloomfield, L.: 1933, *Language*, University of Chicago Press, Chicago.
- Bochi, S., Brossier, G., Celeux, G., Charles, C., Chifflet, R., Darcos, J., Diday, E., Diebolt, J., Fevre, P., Govaert, G., Hanani, O., Jacquet, D., Lechevallier, Y., Lemaire, J., Lemoine, Y., Molliere, J. L., Morisset, G., Ok-Sakun, Y., Rousseau, P., Sankoff, D., Schroeder, A., Sidi, J. and Taleng, F.: 1980, *Optimisation en classification automatique. Tome 1, 2. (French) [Optimization in automatic classification. Vol. 1, 2]*, Institut National de Recherche en Informatique et en Automatique (INRIA), Rocquencourt.
- Bod, R.: 1992, Data-oriented parsing., *Proceedings of COLING 1992*, Nantes, France, pp. 855–859.

- Bod, R.: 1993, Using an annotated corpus as a stochastic grammar, *Proceedings of the Sixth Conference of the European Chapter of the ACL*, ACL, pp. 37–44.
- Bod, R.: 1998, *Beyond Grammar: An Experience-Based Theory of Language*, CSLI Publications (Distributed by Cambridge University Press), Stanford.
- Bod, R.: 2000a, Combining semantic and syntactic structure for language modeling, *Proceedings of the Eighth International Conference on Spoken Language Processing (ICSLP 2000)*, Beijing, China, pp. 298–301.
- Bod, R.: 2000b, The storage vs. computation of three-word sentences, *Proceedings of AM-LaP 2000*.
- Bod, R.: 2001a, Sentence memory: the storage vs. computation of frequent sentences., *Proceedings CUNY-2001 Conference on Sentence Processing*, Philadelphia, PA.
- Bod, R.: 2001b, What is the minimal set of fragments that achieves maximal parse accuracy?, *Proceedings of the 39th Annual Meeting of the Association of Computational Linguistics (ACL)*, Toulouse, France, pp. 66–73.
- Bod, R. and Kaplan, R.: 1998, A probabilistic corpus-driven model for lexical-functional analysis, *ACL 36/COLING 17*, pp. 145–151.
- Bod, R. and Kaplan, R.: 2002, A data-oriented parsing model for lexical-functional grammar, in R. Bod, R. Scha and K. Sima'an (eds), *Data-Oriented Parsing*, The University of Chicago Press, Chicago, IL.
- Bod, R., Scha, R. and Sima'an, K. (eds): 2002, *Data-Oriented Parsing*, The University of Chicago Press, Chicago, IL.
- Boersma, P.: 1997, How we learn variation, optionality, and probability, *Proceedings of the Institute of Phonetic Sciences* **21**, 43–58.
- Boersma, P.: 1998, *Functional Phonology: Formalizing the Interactions between Articulatory and Perceptual Drives*, Holland Academic Graphics, The Hague.
- Boersma, P.: to appear, Phonology-semantics interaction in OT, and its acquisition, in R. Kirchner, W. Wikeley and J. Pater (eds), *Papers in Experimental and Theoretical Linguistics*, Vol. 6, University of Alberta, Edmonton.
- Boersma, P. and Hayes, B.: 2001, Empirical tests of the gradual learning algorithm, *Linguistic Inquiry* **32**, 45–86. (Downloadable from <http://fonsg3.let.uva.nl/paul/>).
- Bonnema, R.: 2002, Probability models for data-oriented parsing, in R. Bod, R. Scha and K. Sima'an (eds), *Data-Oriented Parsing*, The University of Chicago Press, Chicago, IL.
- Booij, G.: 1995, *The phonology of Dutch*, Oxford University Press, Oxford.

- Booij, G. E.: 1999, The syllable, views and facts, in H. van der Hulst and N. A. Ritter (eds), *Morpheme structure constraints and the phonotactics of Dutch*, Vol. 45 of *Studies in Generative Grammar*, Mouton de Gruyter, Berlin, pp. 53–68.
- Booth, T. L.: 1969, Probabilistic representation of formal languages, *IEEE Conference Record of the 1969 Tenth Annual Symposium on Switching and Automata Theory*, pp. 74–81.
- Booth, T. L. and Thomson, R. A.: 1973, Applying probability measures to abstract languages, *IEEE Transactions on Computers* **C-22**, 442–450.
- Brants, T.: 1999, Cascaded markov models, *Proceedings of the 9th Conference of the European Chapter of the ACL (EACL-99)*, ACL, Bergen, Norway.
- Breiman, L.: 1973, *Statistics with a view toward applications*, Houghton Mifflin, Boston, MA.
- Breiman, L., Friedman, J. H., Olshen, R. A. and Stone, C. J.: 1984, *Classification and Regression Trees*, Belmont, Wadsworth.
- Brent, M. R. and Cartwright, T. A.: 1996, Distributional regularity and phonotactic constraints are useful for segmentation, *Cognition* **61**, 93–125.
- Bresnan, J.: 2001, *Lexical-Functional Syntax*, Blackwell, Oxford.
- Bresnan, J. and Deo, A.: 2000, ‘Be’ in the *Survey of English Dialects*: A stochastic OT account, Paper presented at the Symposium on Optimality Theory, English Linguistic Society of Japan, November 18, 2000, Kobe, Japan.
- Bresnan, J. and Moshi, L.: 1990, Object asymmetries in comparative Bantu syntax, *Linguistic Inquiry* **21**(2), 147–186.
- Bresnan, J. and Zaenen, A.: 1990, Deep unaccusativity in LFG, in K. Dziwirek, P. Farrell and E. Mejías-Bikandi (eds), *Grammatical Relations: A Cross-Theoretical Perspective*, CSLI Publications, Stanford, CA, pp. 45–57.
- Bresnan, J., Dingare, S. and Manning, C. D.: 2001, Soft constraints mirror hard constraints: Voice and person in English and Lummi, *Proceedings of the LFG 01 Conference*, CSLI Publications.
- Briggs, C.: 1986, *Learning How to Ask: A Sociolinguistic Appraisal of the Role of the Interview in Social Science Research*, Cambridge University Press, Cambridge.
- Briscoe, T.: 2000, An evolutionary approach to (logistic-like) language change, Manuscript.
- Briscoe, T.: 2002, Grammatical acquisition and linguistic selection, in T. Briscoe (ed.), *Linguistic Evolution through Language Acquisition: formal and computational models.*, Cambridge University Press, Cambridge.
- Browman, C. and Goldstein, L.: 1986, Towards an articulatory phonology, *Phonology Yearbook* **3**, 219–252.

- Browman, C. and Goldstein, L.: 1992, Articulatory phonology: An overview, *Phonetica* **49**, 155–180.
- Burgess, C. and Hollbach, S. C.: 1988, A computational model of syntactic ambiguity as a lexical process, *Proceedings of the 10th Annual Conference of the Cognitive Science Society (COGSCI-88)*, pp. 263–269.
- Burgess, C. and Lund, K.: 1994, Multiple constraints in syntactic ambiguity resolution: A connectionist account of psycholinguistic data, *Proceedings of the 16th Annual Conference of the Cognitive Science Society (COGSCI-94)*, Atlanta, GA.
- Burzio, L.: 2002, Surface-to-surface morphology: when your representations turn into constraints, in P. Boucher (ed.), *Many morphologies*, Cascadia Press. to appear.
- Burzio, L.: to appear, Missing players: Phonology and the past-tense debate, *Lingua*.
- Bush, N.: 1999, *The predictive value of transitional probability for word-boundary palatalization in English*, Master's thesis, University of New Mexico, Albuquerque, NM.
- Butters, R. R.: 1971, On the notion of 'rule of grammar' in dialectology, *Papers from the Seventh Regional Meeting, Chicago Linguistic Society*, Chicago Linguistic Society, Chicago, pp. 305–315.
- Butters, R. R.: 1972, Competence, performance, and variable rules, *Language Sciences* **20**, 29–32.
- Butters, R. R.: 1990, Current issues in variation theory., *Plenary Address First International Congress of Dialectologists*, University of Bamberg.
- Bybee, J. L.: 1985, *Morphology: A study of the Relation between Meaning and Form*, Benjamins, Amsterdam.
- Bybee, J. L.: 1994, A view of phonology from a cognitive and functional perspective, *Cognitive Linguistics* **5**(4), 285–305.
- Bybee, J. L.: 1995a, Diachronic and typological properties of morphology and their implications for representation, in L. B. Feldman (ed.), *Morphological Aspects of Language Processing*, Lawrence Erlbaum Associates, Hillsdale, N. J., pp. 225–246.
- Bybee, J. L.: 1995b, Regular morphology and the lexicon, *Language and Cognitive Processes* **10**(5), 425–435.
- Bybee, J. L.: 2000a, Mechanisms of change in grammaticalization: The role of frequency, Manuscript.
- Bybee, J. L.: 2000b, The phonology of the lexicon: evidence from lexical diffusion, in M. Barlow and S. Kemmer (eds), *Usage-based Models of Language*, CSLI, Stanford, pp. 65–85.

- Bybee, J. L.: 2001, *Phonology and Language Use*, Cambridge University Press, Cambridge.
- Bybee, J. L. and Moder, C. L.: 1983, Morphological classes as natural categories, *Language* **59**, 251–270.
- Bybee, J. L. and Pardo, E.: 1981, Morphological and lexical conditioning of rules: Experimental evidence from Spanish, *Linguistics* **19**, 937–968.
- Bybee, J. L. and Scheibman, J.: 1999, The effect of usage on degrees of constituency: the reduction of *don't* in English, *Linguistics* **37**(4), 575–596.
- Bybee, J. L., Perkins, R. and Pagliuca, W.: 1991, Back to the future, in E. C. Traugott and B. Heine (eds), *Approaches to Grammaticalization.*, John Benjamins, Amsterdam, pp. 17–58.
- Bybee, J. L., Perkins, R. and Pagliuca, W.: 1994, *The Evolution of Grammar: Tense, Aspect, and Modality in the Languages of the World*, Chicago University Press, Chicago.
- California Style Collective: 1993, Variation and personal / group style, *Presentation at New Ways of Analyzing Variation* 22, University of Ottawa.
- Cameron, D.: 1990, De-mythologizing sociolinguistics: Why language does not reflect society, in J. Joseph and T. Taylor (eds), *Ideologies of Language*, Routledge, London, pp. 79–93.
- Caramazza, A. and Yeni-Komshian, G. H.: 1974, Voice onset time in two French dialects, *Journal of Phonetics* **2**, 239–245.
- Carlson, G.: 1989, On the semantic composition of English generic sentences, in G. Chierchia, B. H. Partee and R. Turner (eds), *Properties, Types and Meaning*, Kluwer, Dordrecht, pp. 167–192.
- Carlson, G. and Pelletier, F. J. (eds): 1995, *The Generic Book*, University of Chicago Press, Chicago.
- Carnap, R.: 1950, 1962, *Logical Foundations of Probability*, University of Chicago Press, Chicago, IL.
- Carpenter, B.: 1992, *The Logic of Typed Feature Structures*, number 32 in *Cambridge Tracts in Theoretical Computer Science*, Cambridge University Press, Cambridge.
- Carpenter, B.: 1999, *Type-Logical Semantics (Language, Speech, and Communication)*, MIT Press, Cambridge, Massachusetts.
- Carroll, J. and Weir, D.: 2000, Encoding frequency information in lexicalized grammars, in H. Bunt and A. Nijholt (eds), *Advances in Probabilistic and Other Parsing Technologies*, Kluwer Academic Publishers, Boston / Dordrecht.
- Carroll, J. M., Bever, T. G. and Pollack, C. R.: 1981, The non-uniqueness of linguistic intuitions, *Language* **57**, 368–383.

- Carterette, E. and Jones, M. H.: 1974, *Informal Speech*, University of California Press, Berkeley, CA.
- Cedergren H. J. and Sankoff, D.: 1974, Variable rules: Performance as a statistical reflection of competence, *Language: Journal of the Linguistic Society of America* **50**, 333–355.
- Cena, R. M.: 1978, *When is a Phonological Generalization Psychologically Real?*, Indiana University Linguistics Club, Bloomington, IN.
- Chambers, J. K.: 1995, *Sociolinguistic Theory: Linguistic Variation and its Social Significance*, Blackwell, Cambridge, MA.
- Charniak, E.: 1996, Tree-bank grammars, *Proceedings AAAI'96*, Menlo Park, CA, pp. 1031–1036.
- Charniak, E.: 1997a, Statistical parsing with a context-free grammar and word statistics, *Proceedings of the Fourteenth National Conference on Artificial Intelligence (AAAI '97)*, pp. 598–603.
- Charniak, E.: 1997b, Statistical techniques for natural language parsing, *AI Magazine* **4**, 33–43.
- Charniak, E.: 2000, A maximum-entropy-inspired parser, *The Proceedings of the North American Chapter of the Association for Computational Linguistics*, pp. 132–139.
- Chater, N., Crocker, M. J. and Pickering, M. J.: 1998, The rational analysis of inquiry: the case of parsing, in M. Oaksford and N. Chater (eds), *Rational Models of Cognition*, Oxford University Press, Oxford, pp. 441–468.
- Cheshire, J.: 1987, Syntactic variation, the linguistic variable and sociolinguistic theory, *Linguistics* **25**, 257–282.
- Cheshire, J.: 1991, Variation in the use of *ain't* in an urban British English dialect, in P. Trudgill and J. K. Chambers (eds), *Dialects of English. Studies in Grammatical Variation*, Longman, London, pp. 54–73.
- Cheshire, J.: 1996, Syntactic variation and the concept of prominence, *Speech Past and Present. Essays in English Dialectology in Memory of Ossi Ihalainen*, Peter Lang, Frankfurt, pp. 1–17.
- Cheshire, J., Edwards, V. and Whittle, P.: 1989, Urban British dialect grammar: the question of dialect levelling, *English World-Wide* **10**, 185–225.
- Cheshire, J., Edwards, V. and Whittle, P.: 1993, Non-standard English and dialect levelling, in J. Milroy and L. Milroy (eds), *Real English. The Grammar of English Dialects in the British Isles*, Longman, London, pp. 53–96.
- Chi, Z. and Geman, S.: 1998, Estimation of probabilistic context-free grammars, *Computational Linguistics* **24**, 299–305.

- Chiang, D.: 2000, Statistical parsing with an automaticall extracted tree adjoining grammar, *Proceedings of the North American Chapter of the Association for Computational Linguistics*, pp. 456–463.
- Chierchia, G. and McConnell-Ginet, S.: 1990, *Meaning and Grammar*, MIT Press, Cambridge, Massachussetts.
- Chierchia, G. and McConnell-Ginet, S.: 2000, *Meaning and Grammar*, 2nd edn, MIT Press, Cambridge, Massachussetts.
- Chierchia, G., Partee, B. H. and Turner, R. (eds): 1989, *Properties, Types and Meaning*, Kluwer, Dordrecht.
- Chomsky, N.: 1955, The logical structure of linguistic theory, Published by Plenum Press, New York, 1975.
- Chomsky, N.: 1956, Three models for the description of language, *IRE Transactions on Information Theory* **IT2**, 113–124.
- Chomsky, N.: 1957, *Syntactic Structures*, Mouton, The Hague.
- Chomsky, N.: 1965, *Aspects of the Theory of Syntax*, MIT Press, Cambridge, MA.
- Chomsky, N.: 1969, Quine’s empirical assumptions, in D. Davidson and J. Hintikka (eds), *Words and Objections: Essays on the Work of W.V. Quine*, D. Reidel, Dordrecht, pp. 53–68.
- Chomsky, N.: 1979, *Language and Responsibility: Based on Conversations with Mitsou Ronat*, Pantheon, New York. Translated by John Viertel.
- Chomsky, N.: 1981a, *Lectures on Government and Binding*, Foris, Dordrecht.
- Chomsky, N.: 1981b, Principles and parameters in syntactic theory, in N. Hornstein and D. Lightfoot (eds), *Explanation in Linguistics: The Logical Problem of Language Acquisition*, Longman, London, pp. 123–146.
- Chomsky, N.: 1986, *Barriers*, MIT Press, Cambridge, MA.
- Chomsky, N.: 1995, *The Minimalist Program*, MIT Press, Cambridge, MA.
- Church, K. W.: 1988, A stochastic parts program and noun phrase parser for unrestricted text, *Second Conference on Applied Natural Language Processing*, ACL, pp. 136–143.
- Clahsen, H.: 1999, Lexical entries and rules of language: a multi-disciplinary study of German inflection, *Behavioral and Brain Sciences* **22**, 991–1060.
- Clahsen, H. and Rothweiler, M.: 1992, Inflectional rules in children’s grammars: Evidence from the development of participles in German, *Yearbook of Morphology* pp. 1–34.

- Clahsen, H., Eisenbeiss, S. and Sonnenstuhl-Henning, I.: 1997, Morphological structure and the processing of inflected words, *Theoretical Linguistics* **23**, 201–249.
- Clark, B. Z.: 2001, A stochastic optimality theory approach to phrase structure variation and change in early English, Paper presented at the Berkeley Historical Syntax Workshop. MS, Stanford University.
- Clark, R. and Roberts, I.: 1993, A computational model of language learnability and language change, *Linguistic Inquiry* **24**, 299–345.
- Clarkson, D., Fan, Y. and Joe, H.: 1993, A remark on algorithm 643: FEXACT: An algorithm for performing Fisher’s exact test in $r \times c$ contingency tables, *ACM transactions on mathematical software* **19**, 484–488.
- Clifton, Jr., C., Frazier, L. and Connine, C.: 1984, Lexical expectations in sentence comprehension, *Journal of Verbal Learning and Verbal Behavior* **23**, 696–708.
- Cohen, A.: 1996, *Think Generic: The Meaning and Use of Generic Sentences*, PhD thesis, Carnegie Mellon University. Published 1999, Stanford: CSLI.
- Cohen, A.: 1999, Generics, frequency adverbs and probability, *Linguistics and Philosophy* **22**, 221–253.
- Cohen, A.: 2001, Relative readings of *Many*, *Often*, and generics, *Natural Language Semantics* **9**, 41–67.
- Cohen, A.: in preparation, Formal semantics and psychology: The case of generics.
- Cohen, L. J.: 1989, *An Introduction to the Philosophy of Induction and Probability*, Clarendon Press, Oxford.
- Collins, M. J.: 1996, A new statistical parser based on bigram lexical dependencies, *Proceedings of the Association for Computational Linguistics 1996*, ACL, Santa Cruz, CA, pp. 184–191.
- Collins, M. J.: 1997, Three generative, lexicalised models for statistical parsing, *ACL 35/EACL 8*, pp. 16–23.
- Collins, M. J.: 1999, *Head-driven Statistical Models for Natural Language Parsing*, PhD thesis, University of Pennsylvania, Philadelphia.
- Collins, M. J.: 2000, Discriminative reranking for natural language parsing, *Machine Learning: Proceedings of the Seventeenth International Conference (ICML 2000)*, Stanford, California, pp. 175–182.
- Collins, M. J. and Duffy, N.: 2001, Convolution kernels for natural language, *Proceedings Neural Information Processing Systems 2001 (NIPS 2001)*, Vancouver, Canada.
- Connine, C., Ferreira, F., Jones, C., Clifton, C. and Frazier, L.: 1984, Verb frame preference: Descriptive norms, *Journal of Psycholinguistic Research* **13**(4), 307–319.

- Copeland, B. and Proudfoot, D.: 1999, Alan Turing's forgotten ideas in computer science, *Scientific American* **280**, 76–81.
- Corley, S. and Crocker, M. W.: 1996, Evidence for a tagging model of human lexical category disambiguation, *Proceedings of the 18th Annual Conference of the Cognitive Science Society (COGSCI-96)*, pp. 272–277.
- Corley, S. and Crocker, M. W.: 2000, The modular statistical hypothesis: Exploring lexical category ambiguity, in M. W. Crocker, M. Pickering and C. Clifton (eds), *Architectures and Mechanisms for Language Processing*, Cambridge University Press, Cambridge, pp. 135–160.
- Cowan, J.: 1979, *Hans Wehr: A Dictionary of Modern Written Arabic*, Otto Harrassowitz, Wiesbaden, Germany.
- Cowart, W.: 1997, *Experimental Syntax: Applying Objective Methods to Sentence Judgments*, Sage Publications, Thousand Oaks, CA.
- Crocker, M. W. and Brants, T.: 2000, Wide-coverage probabilistic sentence processing, *Journal of Psycholinguistic Research* **29**(6), 647–669.
- Cuetos, F., Mitchell, D. C. and Corley, M. M. B.: 1996, Parsing in different languages, in M. Carreiras, J. E. García-Albea and N. Sebastián-Gallés (eds), *Language Processing in Spanish*, Lawrence Erlbaum, Hillsdale, NJ, pp. 156–187.
- Culy, C.: 1998, Statistical distribution and the grammatical/ungrammatical distinction, *Grammars* **1**, 1–13.
- Cutler, A.: 1981, Degrees of transparency in word formation, *CLS* **26**, 73–77.
- Cutler, A. and Butterfield, S.: 1992, Rhythmic cues to speech segmentation: Evidence from juncture misperception, *Journal of Memory and Language* **31**, 218–236.
- Cutler, A. and Otake, T.: 1996, Phonological contrasts and their role in processing, in T. Otake and A. Cutler (eds), *Phonological Structure and Language Processing: Cross-Linguistic Studies*, Mouton De Gruyter, Berlin, pp. 1–12.
- Cutler, A. and Otake, T.: 1998, Assimilation of place in Japanese and Dutch, *Proceedings of the Fifth International Conference on Spoken Language Processing*, pp. 1751–1754.
- Daelemans, W., Zavrel, J., Van der Sloot, K. and Van den Bosch, A.: 1999, TiMBL: Tilburg memory based learner reference guide 2.0, *Report 99-01*, Computational Linguistics Tilburg University.
- d'Arcais, G. B. F.: 1993, The comprehension and semantic interpretation of idioms, in C. Cacciari and P. Tabossi (eds), *Idioms: Processing, Structure, and Interpretation*, Lawrence Erlbaum, New Jersey, pp. 79–98.

- Darroch, J. N. and Ratcliff, D.: 1972, Generalized iterative scaling for log-linear models, *The Annals of Mathematical Statistics* **43**(3), 1470–1480.
- Daugherty, K. and Seidenberg, M.: 1994, Beyond rules and exceptions: A connectionist approach to inflectional morphology, in S. Lima, R. Corrigan and G. Iverson (eds), *The Reality of Linguistic Rules*, John Benjamins, Amsterdam, pp. 358–388.
- Davis, S.: 1991, Coronals and the phonotactics of nonadjacent consonants in English, *Phonetics and phonology* **2**, 49–60.
- De Jong, N. H., Feldman, L. B., Schreuder, R., Pastizzo, M. and Baayen, R. H.: 2001, The processing and representation of Dutch and English compounds: Peripheral morphological, and central orthographic effects, *Brain and Language*.
- 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.
- de Swart, H.: 1991, *Adverbs of Quantification: A Generalized Quantifier Approach*, PhD thesis, Groningen University. Also published 1993, New York: Garland.
- de Swart, H.: 1998, *Introduction to Natural Language Semantics*, CSLI, Stanford.
- DeGroot, M.: 1998, *Probability and Statistics*, Addison-Wesley, Reading, MA.
- Delgrande, J. P.: 1987, A first-order conditional logic for prototypical properties, *Artificial Intelligence* **33**, 105–130.
- Dell, G.: 1990, Effects of frequency and vocabulary type on phonological speech errors, *Language and Cognitive Processes* **5**(4), 313–349.
- Dell, G. S.: 1986, A spreading activation theory of retrieval in sentence production, *Psychological Review* **93**, 283–321.
- Dell, G. S., Schwartz, M. F., Martin, N., Saffran, E. and Gagnon, D. A.: 1997, Lexical access in aphasic and nonaphasic speakers, *Psychological Review* **104**(4), 801–838.
- Dempster, A., Laird, N. and Rubin, D.: 1977, Maximum likelihood from incomplete data via the EM algorithm, *J. Royal Statistical Society Series B* **39**, 1–38.
- Desmet, T., Brysbaert, M. and Baecke, C. D.: 2001, The correspondence between sentence production and corpus frequencies in modifier attachment, *Quarterly Journal of Experimental Psychology*. In Press.
- Dingare, S.: 2001, *The effect of feature hierarchies on frequencies of passivization in English*, Master's thesis, Department of Linguistics, Stanford University.
- Docherty, G. and Foulkes, P.: 2000, Speaker, speech and knowledge of sounds, in P. C. N. Burton-Roberts and G. Docherty (eds), *Phonological Knowledge - Conceptual and Empirical Issues*, Oxford University Press, Oxford, pp. 105–129.

- Dowty, D. R., Wall, R. E. and Peters, S.: 1981, *Introduction to Montague Semantics*, Reidel, Dordrecht.
- Dras, M., Harrison, K. D. and Kapicioglu, B.: 2001, Agent-based simulation and micro-parametric variation: Modeling the evolution of vowel harmony, Presented at the Northeast Linguistic Society 32, City University of New York and New York University.
- Dressler, W.: 1985, On the predictiveness of natural morphology, *Journal of Linguistics* **21**, 321–337.
- Duarte, D., Galves, A., Garcia, N. L. and Maronna, R.: 2001, The statistical analysis of acoustic correlates of speech rhythm, Presentation at ZiF, University of Bielefeld. (Downloadable as <http://www.physik.uni-bielefeld.de/complexity/duarte.pdf>).
- Eckert, P.: 1989, The whole woman: Sex and gender differences in variation, *Language variation and change* **1**(3), 245–267.
- Eckert, P.: 1999, *Linguistic Variation as Social Practice*, Blackwell Press, London.
- Eckert, P. and McConnell-Ginet, S.: 1992, Think practically and look locally, *Annual Review of Anthropology* **21**, 461–490.
- Eddington, D.: 1996, Diphthongization in spanish derivational morphology: An empirical investigation, *Hispanic Linguistics* **8**, 1–13.
- Edgington, D.: 1991, The mystery of the Missing Matter of Fact, *Proceedings of the Aristotelian Society, supplementary volume* 65, pp. 185–209.
- Edgington, D.: 1996, Vagueness by Degrees, in R. Keefe and P. Smith (eds), *Vagueness*, MIT Press, Cambridge, Massachusetts, pp. 294–316.
- Eells, E. and Skyrms, B. (eds): 1994, *Probability and Conditionals: Belief Revision and Rational Decision*, Cambridge University Press, Cambridge.
- Eisner, J.: 1996, Three new probabilistic models for dependency parsing: An exploration, *Proceedings of COLING 1996*, Copenhagen, Denmark, pp. 340–345.
- Embleton, S.: 1986, Statistics in historical linguistics, *Quantitative Linguistics* **30**, (monograph).
- Engdahl, E.: 1983, Parasitic gaps, *Linguistic Inquiry* **6**, 5–34.
- Engstrand, O. and Krull, D.: 1994, Durational correlates of quantity in Swedish, Finnish, and Estonian: Cross-linguistic evidence for a theory of adaptive dispersion, *Phonetica* **51**, 80–91.
- Ernestus, M. and Baayen, R. H.: 2001a, Phonological interpretation of neutralized segments in unknown words, *submitted*.

- Ernestus, M. and Baayen, R. H.: 2001b, Choosing between the Dutch past-tense suffixes *-te* and *-de*, in T. Van der Wouden and H. De Hoop (eds), *Linguistics in the Netherlands*, Benjamins, Amsterdam, pp. 81–93.
- Ernestus, M. and Baayen, R. H.: 2002, Analogical effects in regular past-tense formation in Dutch, *Linguistics*.
- Estival, D. and Myhill, J.: 1988, Formal and functional aspects of the development from passive to ergative systems, in M. Shibatani (ed.), *Passive and Voice*, John Benjamins, Amsterdam, pp. 441–491.
- Evelyn, J.: 1664, *Sylva, Or a discourse of Forest-Trees, and the Propagation of Timber in His Majesties Dominions, &c.*, Printed by Jo. Martyn, and Ja. Allestry, for the Royal Society, London.
- Faber, A. and DiPaolo, M.: 1995, The discriminability of nearly merged sounds, *Language Variation and Change* 7, 35–78.
- Fasold, R.: 1991, The quiet demise of variable rules, *American Speech* 66, 3–21.
- Feagin, C.: 2001, Entering the community: Fieldwork, in J. Chambers, P. Trudgill and N. Schilling-Estes (eds), *Handbook of Language Variation and Change*, Blackwell Press, London, pp. 20–40.
- Feldman, J. A., Gips, J., Horning, J. J. and Reder, S.: 1969, Grammatical complexity and inference, *Technical Report CS 125*, Stanford University, Computer Science Dept, Stanford, CA.
- Feller, W.: 1970, *An Introduction to Probability Theory and its Applications.*, John Wiley & Sons, New York.
- Fernando, T. and Kamp, H.: 1996, Expecting Many, in T. Galloway and J. Spence (eds), *Proceedings of the 6th Conference on Semantics and Linguistic Theory*, pp. 53–68.
- Fidelholz, J.: 1975, Word frequency and vowel reduction in English, *Papers from the 75th meeting of the Chicago Linguistics Society*, University of Chicago, pp. 200–213.
- Fienberg, S. E.: 1980, *The Analysis of Cross-Classified Categorical Data*, 2nd edn, MIT Press, Cambridge, MA.
- Filip, H., Tanenhaus, M. K., Carlson, G. N., Allopenna, P. D. and Blatt, J.: 2002, Reduced relatives judged hard require constraint-based analyses, in P. Merlo and S. Stevenson (eds), *Sentence Processing and the lexicon: formal, computational, and experimental perspectives*, Benjamins, Amsterdam.
- Fillmore, C. J.: 1992, ‘Corpus linguistics’ or ‘computer-aided armchair linguistics’, in J. Svartvik (ed.), *Directions in Corpus Linguistics: Proceedings of Nobel Symposium 82: Stockholm, 4-8 August 1991*, Mouton de Gruyter, Berlin, pp. 35–60.

- Fisher, R. A.: 1959, *Statistical Methods and Scientific Inference*, second edn, Oliver and Boyd, Edinburgh.
- Flege, J. E. and Hillenbrand, J.: 1986, Differential use of temporal cues to the /s/-/z/ contrast by native and non-native speakers of English, *Journal of the Acoustical Society of America* **79**(2), 508–517.
- Flemming, E.: 1995, *Auditory Phonology*, PhD thesis, UCLA, Los Angeles, CA.
- Flemming, E.: 2001, Scalar and categorical phenomena in a unified model of phonetics and phonology, *Phonology* **18**(1), 7–44.
- Fodor, J. D.: 1978, Parsing strategies and constraints on transformations, *Linguistic Inquiry* **9**(3), 427–473.
- Fontaine, C.: 1985, *Application de Méthodes Quantitatives en Diachronie: L'inversion du sujet en français*, PhD thesis, Université du Québec, Montréal.
- Ford, M., Bresnan, J. and Kaplan, R. M.: 1982, A competence-based theory of syntactic closure, in J. Bresnan (ed.), *The Mental Representation of Grammatical Relations*, MIT Press, Cambridge, MA, pp. 727–796.
- Forster, K. and Chambers, S.: 1973, Lexical access and naming time, *Journal of Verbal Learning and Verbal Behavior* **12**, 627–635.
- Fowler, C. and Housum, J.: 1987, Talkers' signaling of 'new' and 'old' words in speech and listeners' perception and use of the distinction, *Journal of Memory and Language* **26**, 489–504.
- Fowler, G. H.: 1987, *The Syntax of Genitive Case in Russian*, PhD thesis, University of Chicago.
- Fowler, H. W.: 1926, *A dictionary of modern English usage*, Clarendon Press, Oxford. [1st ed.; revised ed. 1948, 1954, etc.].
- Francescotti, R. M.: 1995, Even: The Conventional Implicature Approach Reconsidered, *Linguistics and Philosophy* **18**, 153–173.
- Francis, W. N. and Kučera, H.: 1982, *Frequency Analysis of English Usage*, Houghton Mifflin, Boston.
- Frisch, S. A.: 1994, Reanalysis precedes syntactic change: Evidence from Middle English, *Studies in the Linguistic Sciences* **24**, 187–201.
- Frisch, S. A.: 1996, *Similarity and Frequency in Phonology*, PhD thesis, Northwestern University, Chicago, IL.
- Frisch, S. A. and Zawaydeh, B. A.: 2001, The psychological reality of ocp-place in Arabic, *Language* **77**, 91–106.

- Frisch, S. A., Large, N. R. and Pisoni, D. B.: 2000, Perception of wordlikeness: Effects of segment probability and length on the processing of nonwords, *Journal of Memory and Language* **42**, 481–496.
- Frisch, S. A., Large, N., Zawaydeh, B. and Pisoni, D.: 2001, Emergent phonotactic generalizations, in J. L. Bybee and P. Hopper (eds), *Frequency and the Emergence of Linguistic Structure*, John Benjamins Publisher, Amsterdam, pp. 159–180.
- Fu, K. S.: 1974, *Syntactic Methods in Pattern Recognition*, Vol. 112 of *Mathematics in science and engineering*, Academic, New York.
- Gahl, S.: 1999, Unergative, unaccusative, (in)transitive and (in)frequent, *Proceedings of the 34th Annual Meeting of the Chicago Linguistic Society*, University of Chicago, Chicago.
- Gal, S.: 1978, Variation and change in patterns of speaking: Language use in austria, in D. Sankoff (ed.), *Linguistic Variation: Models and Methods*, Academic Press, New York, pp. 227–238.
- Gamut, L. T. F.: 1991, *Logic, Language, and Meaning*, University of Chicago Press, Chicago.
- Garnsey, S. M., Pearlmutter, N. J., Myers, E. and Lotocky, M. A.: 1997, The contributions of verb bias and plausibility to the comprehension of temporarily ambiguous sentences, *Journal of Memory and Language* **37**, 58–93.
- Gazdar, G.: 1976, Quantifying context, *York Papers in Linguistics* pp. 177–133.
- Gibson, E.: 1991, *A Computational Theory of Human Linguistic Processing: Memory Limitations and Processing Breakdown*, PhD thesis, Carnegie Mellon University, Pittsburgh, PA.
- Gibson, E.: 1998, Linguistic complexity: Locality of syntactic dependencies, *Cognition* **68**, 1–76.
- Gibson, E., Schütze, C. and Salomon, A.: 1996, The relationship between the frequency and the processing complexity of linguistic structure, *Journal of Psycholinguistic Research* **25**(1), 59–92.
- Gillund, G. and Shiffrin, R. M.: 1984, A retrieval model for both recognition and recall, *Psychological Review* **91**(1), 1–67.
- Givón, T.: 1979, *On Understanding Grammar*, Academic Press, New York.
- Givón, T.: 1994, The pragmatics of de-transitive voice: Functional and typological aspects of inversion, in T. Givón (ed.), *Voice and Inversion*, John Benjamins, Amsterdam, pp. 3–44.
- Gleason, H. A.: 1961, *An introduction to descriptive linguistics*, revised edn, Holt, Rinehart and Winston, New York.

- Glymour, C. and Cheng, P. W.: 1998, Causal mechanism and probability: A normative approach, in M. Oaksford and N. Chater (eds), *Rational Models of Cognition*, Oxford University Press, Oxford, UK, pp. 296–313.
- Godfrey, J., Holliman, E. and McDaniel, J.: 1992, SWITCHBOARD: Telephone speech corpus for research and development, *Proceedings of the IEEE International Conference on Acoustics, Speech, & Signal Processing (IEEE ICASSP-92)*, IEEE, San Francisco, pp. 517–520.
- Gold, E. M.: 1967, Language identification in the limit, *Information and Control* **10**, 447–474.
- Goldinger, S. D.: 1997, Words and voices: Perception and production in an episodic lexicon, in K. Johnson and J. Mullenix (eds), *Talker variability in speech processing*, Academic Press, San Diego, pp. 33–66.
- Goldinger, S. D.: 2000, The role of perceptual episodes in lexical processing, in A. Cutler, J. M. McQueen and R. Zondervan (eds), *Proceedings of SWAP (Spoken Word Access Processes)*, Nijmegen, Max Planck Institute for Psycholinguistics, pp. 155–159.
- Good, I. J.: 1953, The population frequencies of species and the estimation of population parameters, *Biometrika* **40**, 237–264.
- Goodman, J.: 1998, *Parsing Inside-Out*, PhD thesis, Harvard University, Harvard.
- Goodman, J.: 2002, PCFG reductions of data-oriented parsing, in R. Bod, R. Scha and K. Sima'an (eds), *Data-Oriented Parsing*, The University of Chicago Press, Chicago, IL.
- Goodsitt, J., Morgan, J., and Kuhl, P.: 1993, Perceptual strategies in prelingual speech segmentation, *Journal of Child Language* **20**, 229–252.
- Gopnik, A., Meltzoff, A. and Kuhl, P. K.: 1999, *The Scientist in the Crib*, William Morrow and Company, New York, NY.
- Gowers, E.: 1948, *Plain words: a guide to the use of English*, Her Majesty's Stationery Office, London.
- Grainger, J.: 1990, Word frequency and neighborhood frequency effects in lexical decision and naming, *Journal of Memory and Language* **29**, 228–244.
- Grainger, J. and Jacobs, A. M.: 1996, Orthographic processing in visual word recognition: A multiple read-out model, *Psychological Review* **103**, 518–565.
- Greenberg, J.: 1966, *Language Universals: With Special Reference to Feature Hierarchies*, Mouton, The Hague.
- Greenberg, J.: 1987, *Language in the Americas*, Stanford University Press, Stanford, CA.
- Greenberg, J. and Ruhlen, M.: 1992, Linguistic origins of native americans, *Scientific American* **267**, 94–99.

- Greenberg, J. H. and Jenkins, J. J.: 1964, Studies in the psychological correlates of the sound system of American English, *Word* **20**, 157–177.
- Greenberg, S., Ellis, D. and Hollenback, J.: 1996, Insights into spoken language gleaned from phonetic transcription of the Switchboard corpus, *Proceedings of the International Conference on Spoken Language Processing (ICSLP-96)*, Philadelphia, PA, pp. S24–27.
- Grefenstette, G.: 2000, Very large lexicons from the WWW, *Paper presented at the university of Brighton, U.K.*
- Gregory, M. L.: 2001, *Linguistic Informativeness and Speech Production: An Investigation of Contextual and Discourse-pragmatic Effects on Phonological Variation*, PhD thesis, University of Colorado, Boulder, Boulder, CO.
- Grenander, U.: 1967, Syntax controlled probabilities, *Technical report*, Division of Applied Mathematics, Brown University, Providence, RI.
- Grimshaw, J.: 1979, Complement selection and the lexicon, *Linguistic Inquiry* **10**, 279–326.
- Grimshaw, J.: 1990, *Argument Structure*, MIT Press, Cambridge, MA.
- Grimshaw, J. and Vikner, S.: 1993, Obligatory adjuncts and the structure of events, in E. Reuland and W. Abraham (eds), *Knowledge and Language*, Vol. II, Kluwer, Dordrecht, pp. 143–155.
- Grishman, R., Macleod, C. and Meyers, A.: 1994, COMLEX syntax: Building a computational lexicon, *COLING 15*.
- Grodzinsky, Y.: 2000, The neurology of syntax: language use without brocas area. target article with 36 commentaries, *Behavioral and Brain Sciences* **23**(1), 47–117.
- Grosjean, F.: 1980, Spoken word recognition processes and the gating paradigm, *Perception and Psychophysics* **28**, 267–283.
- Guy, G.: 1980, Variation in the group and the individual, in W. Labov (ed.), *Locating Language in Time and Space*, Academic Press, New York, pp. 1–36.
- Guy, G.: 1981, *Linguistic variation in Brazilian Portuguese: aspects of the phonology, syntax, and language history*, PhD thesis, University of Pennsylvania.
- Guy, G.: 1997, Violable is variable: OT and linguistic variation, *Language Variation and Change* **9**, 333–348.
- Guy, J.: 1980a, *Experimental Glottochronology: Basic Methods and Results*, Australia National University, Canberra: Research School of Pacific Studies.
- Guy, J.: 1980b, *Glottochronology Without Cognate Recognition*, Australia National University, Canberra: Research School of Pacific Studies.

- Hacking, I.: 1975, *The Emergence of Probability: A Philosophical Study of Early Ideas about Probability*, Cambridge University Press, Cambridge.
- Haeri, N.: 1998, *The Sociolinguistic Market of Cairo: Gender, Class and Education*, Kegan Paul, London.
- Haiman, J.: 1994, Ritualization and the development of language, in W. Pagliuca (ed.), *Perspectives on Grammaticalization*, John Benjamins, Amsterdam, pp. 3–28.
- Hájek, A. and Hall, N.: 1994, The Hypothesis of the Conditional Construal of Conditional Probability, in E. Eells and B. Skyrms (eds), *Probability and Conditionals: Belief Revision and Rational Decision*, Cambridge University Press, Cambridge, pp. 75–111.
- Hale, J.: 2001, A probabilistic earley parser as a psycholinguistic model, *Proceedings of NAACL-2001*.
- Hale, K. and Keyser, S. J.: 1993, On argument structure and the lexical expression of syntactic relations, in K. Hale and S. J. Keyser (eds), *The View from Building 20: Essays in Linguistics in Honor of Sylvain Bromberger*, MIT Press, Cambridge, MA, pp. 53–109.
- Halliday, M. A. K.: 1994, *An introduction to functional grammar*, 2nd edn, Edward Arnold, London.
- Hare, M.: 2001, Ambiguity and frequency effects in regular verb inflection, in J. Bybee and P. Hopper (eds), *Frequency and the emergence of linguistic structure*, Benjamins, Amsterdam.
- Harris, T. E.: 1963, *The Theory of Branching Processes*, Springer, Berlin.
- Hasher, L. and Zacks, R. T.: 1984, Automatic processing of fundamental information. The case of frequency of occurrence, *American Psychologist* **39**, 1372–1388.
- Hastie, T., Tibshirani, R. and Friedman, J. H.: 2001, *The Elements of Statistical Learning: Data Mining, Inference, and Prediction*, Springer Verlag, New York.
- Hay, J. B.: 2000, *Causes and Consequences of Word Structure*, PhD thesis, Northwestern University, Chicago, IL. (Downloadable from <http://www.ling.canterbury.ac.nz/jen>. Summary to appear in GLOT).
- Hay, J. B. and Baayen, R. H.: 2002, Parsing and productivity, in G. E. Booij and J. van Marle (eds), *Yearbook of Morphology 2001*, Kluwer Academic Publishers, Dordrecht, p. in press.
- Hay, J. B., Jannedy, S. and Mendoza-Denton, N.: 2000, Style and economy: When frequency effects collide, *Paper presented at the 7th New Zealand Language and Society Conference*, Auckland, NZ.

- Hay, J. B., Mendoza-Denton, N. and Jannedy, S.: 1999, Oprah and /ay/: Lexical frequency, referee design, and style., *Proceedings of the 14th International Congress of Phonetic Sciences*, San Francisco.
- Hay, J. B., Pierrehumbert, J. and Beckman, M. E.: in press, Speech perception, well-formedness, and the statistics of the lexicon, in J. Local, R. Ogden and R. Temple (eds), *Papers in Laboratory Phonology VI*, Cambridge University Press, Cambridge, UK. (downloadable from <http://www.ling.canterbury.ac.nz/jen>).
- Hazen, K.: 2001, An introductory investigation into bidialectalism, *Selected papers from NWAV 29. Penn Working papers in Linguistics*, University of Pennsylvania Press.
- Hazen, V. and Barrett, S.: 2000, The development of phonemic categorization in children aged 6-12, *Journal of Phonetics* **24**(4), 377–396.
- Heemskerk, J.: 1993, A probabilistic context-free grammar for disambiguation in morphological parsing, *Proceedings of the EACL* **6**, 183–192.
- Heim, I. and Kratzer, A.: 1998, *Semantics in Generative Grammar*, Blackwell, Oxford.
- Hoogweg, L.: 2002, Extending DOP with the insertion operation, in R. Bod, R. Scha and K. Sima'an (eds), *Data-Oriented Parsing*, The University of Chicago Press, Chicago, IL.
- Hooper, J. B.: 1976, Word frequency in lexical diffusion and the source of morphophonological change, in W. Christie (ed.), *Current Progress in Historical Linguistics*, North Holland, Amsterdam, pp. 96–105.
- Hopper, P. and Traugott, E. C.: 1993, *Grammaticalization*, Cambridge University Press, Cambridge.
- Hornby, A. S.: 1989, *Oxford Advanced Learner's Dictionary of Current English*, 4th edn, Oxford University Press, Oxford.
- Horning, J.: 1969, *A Study of Grammatical Inference*, PhD thesis, Stanford University, Stanford.
- Horvath, B.: 1985, *Variation in Australian English: The Sociolects of Sydney*, Cambridge University Press, New York.
- Howes, D.: 1957, On the relation between the intelligibility and frequency of occurrence of English words, *Journal of the Acoustical Society of America* **29**, 296–305.
- Howes, D. H. and Solomon, R. L.: 1951, Visual duration threshold as a function of word-probability, *Journal of Experimental Psychology* **41**, 401–410.
- Hukari, T. E. and Levine, R. D.: 1995, Adjunct extraction, *Journal of Linguistics* **31**, 195–226.
- Hurford, J., Studdert-Kennedy, M. and Knight, C.: 1998, *Approaches to the Evolution of Language: Social and Cognitive Bases*, Cambridge University Press, Cambridge.

- Hymes, D.: 1974, *Foundations in Sociolinguistics: An Ethnographic Approach*, University of Pennsylvania Press, Philadelphia.
- Ihalainen, O.: 1991, On grammatical diffusion in Somerset folk speech, in P. Trudgill and J. K. Chambers (eds), *Dialects of English. Studies in Grammatical Variation*, Longman, London, pp. 104–19.
- Itkonen, E.: 1983, The use of a corpus in the study of syntax: historical and methodological considerations., *Technical report*.
- Jaeger, J. J., Lockwood, A. H., Kemmerrer, D. L., Van Valin, R. D. and Murphy, B. W.: 1996, A positron emission tomographic study of regular and irregular verb morphology in English, *Language* **72**, 451–497.
- Jelinek, E. and Demers, R.: 1983, The agent hierarchy and voice in some Coast Salish languages, *International Journal of American Linguistics* **49**, 167–185.
- Jelinek, E. and Demers, R.: 1994, Predicates and pronominal arguments in Straits Salish, *Language* **70**, 697–736.
- Jelinek, F. and Lafferty, J. D.: 1991, Computation of the probability of initial substring generation by stochastic context-free grammars, *Computational Linguistics* **17**(3), 315–323.
- Jennings, F., Randall, B. and TYler, L. K.: 1997, Graded effects of verb subcategory preferences on parsing: Support for constraint-satisfaction models, *Language and Cognitive Processes* **12**(4), 485–504.
- Jensen, F. V. and Jensen, F. B.: 2001, *Bayesian Networks and Decision Graphs*, Springer Verlag, Berlin.
- Jescheniak, J. D. and Levelt, W. J. M.: 1994, Word frequency effects in speech production: Retrieval of syntactic information and of phonological form, *Journal of Experimental Psychology: Learning, Memory and Cognition* **20**, 824–843.
- Johnson, K.: 1997a, The auditory/perceptual basis for speech segmentation, in K. Ainsworth-Darnell and M. D’Imperio (eds), *Ohio State University Working Papers in Linguistics: Papers from the Linguistics Laboratory*, Vol. 50, Ohio State University.
- Johnson, K.: 1997b, Speech perception without speaker normalization, in K. Johnson and J. Mullenix (eds), *Talker variability in speech processing*, Academic Press, San Diego, pp. 146–165.
- Johnson, K.: 1997c, *Acoustic and Auditory Phonetics*, Blackwell, Cambridge, MA.
- Johnson, M.: 1998a, Optimality-theoretic lexical functional grammar, Commentary on Joan Bresnan’s presentation at the 1998 CUNY Sentence Processing conference. (<http://www.cog.brown.edu/~lowmj/papers/cuny98.pdf>).

- Johnson, M.: 1998b, PCFG models of linguistic tree representations, *Computational Linguistics* **4**(24), 613–632.
- Johnson, M.: 2002, The DOP1 estimation method is biased and inconsistent, *Computational Linguistics*. in press.
- Johnson, M., Geman, S., Canon, S., Chi, Z. and Riezler, S.: 1999, Estimators for stochastic “unification-based” grammars, *The Proceedings of the 37th Annual Conference of the Association for Computational Linguistics*, College Park, Maryland, pp. 535–541.
- Joos, M.: 1950, Description of language design, *Journal of the Acoustical Society of America* **22**(6), 701–708.
- Jordan, M. I. (ed.): 1999, *Learning in Graphical Models*, MIT Press, Cambridge, MA.
- Joshi, A. K. and Schabes, Y.: 1997, Tree-adjoining grammars, in G. Rozenberg and A. Salomaa (eds), *Handbook of Formal Languages*, Springer-Verlag, Berlin, pp. 69–123.
- Juliano, C. and Tanenhaus, M. K.: 1993, Contingent frequency effects in syntactic ambiguity resolution, *Proceedings of the 15th Annual Conference of the Cognitive Science Society (COGSCI-94)*, Boulder, CO, pp. 593–598.
- Jurafsky, D.: 1992, *An On-line Computational Model of Human Sentence Interpretation: A Theory of the Representation and Use of Linguistic Knowledge*, PhD thesis, University of California, Berkeley, CA. Available as University of California at Berkeley Computer Science Division Tech. rep. #92/676.
- Jurafsky, D.: 1996, A probabilistic model of lexical and syntactic access and disambiguation, *Cognitive Science* **20**, 137–194.
- Jurafsky, D.: 2001, Pragmatics and computational linguistics, in L. R. Horn and G. Ward (eds), *Handbook of Pragmatics*, Blackwell.
- Jurafsky, D. and Martin, J. H.: 2000, *Speech and Language Processing: An Introduction to Natural Language Processing, Computational Linguistics, and Speech Recognition*, Prentice Hall, NJ.
- Jurafsky, D., Bell, A. and Girand, C.: in press, The role of the lemma in form variation, in C. Gussenhoven and N. Warner (eds), *Papers in Laboratory Phonology VII*, Mouton De Gruyter, Berlin. (Downloadable from <http://www.colorado.edu/linguistics/jurafsky/pubs.html>).
- Jurafsky, D., Bell, A., Gregory, M. and Raymond, W. D.: 2001, Probabilistic relations between words: Evidence from reduction in lexical production, in J. L. Bybee and P. Hopper (eds), *Frequency and the Emergence of Linguistic Structure*, Benjamins, Amsterdam, pp. 229–254.
- Jusczyk, P. W., Luce, P. A., and Charles-Luce, J.: 1994, Infants’ sensitivity to phonotactic patterns in the native language, *Journal of Memory and Language* **33**, 630–645.

- Kamp, H. and Reyle, U.: 1993, *From Discourse to Logic*, Kluwer Academic Publishers, Dordrecht.
- Kamp, J. A. W.: 1975, Two theories about adjectives, in E. L. Keenan (ed.), *Formal Semantics of Natural Language*, Cambridge University Press, Cambridge, pp. 123–155.
- Kato, K.: 1979, Empathy and passive resistance, *Linguistic Inquiry* **10**, 149–152.
- Kay, P.: 1990, Even, *Linguistics and Philosophy* **13**, 115–150.
- Kay, P. and McDaniel, C.: 1979, On the logic of variable rules, *Language and Society* **8**, 151–187.
- Keenan, E. L. and Stavi, J.: 1986, A semantic characterization of natural language determiners, *Linguistics and Philosophy* **9**(3), 253–326.
- Keenan, E. L. (ed.): 1975, *Formal Semantics of Natural Language*, Cambridge University Press, Cambridge.
- Kegl, J.: 1995, Levels of representation and units of access relevant to agrammatism, *Brain & Language* pp. 151–200.
- Keller, F.: 2000, *Gradience in Grammar: Experimental and Computational Aspects of Degrees of Grammaticality*, PhD thesis, University of Edinburgh.
- Kent, R. and Forner, L.: 1980, Speech segment durations in sentence recitations by children and adults, *Journal of Phonetics* **8**, 157–168.
- Kersten, D.: 1999, High-level vision as statistical inference, in M. S. Gazzaniga (ed.), *The New Cognitive Neurosciences*, MIT Press, Cambridge, MA.
- Kessler, B.: 1995, Computational dialectology in Irish Gaelic, *Seventh Conference of the European Chapter of the Association for Computational Linguistics* pp. 60–66.
- Kessler, B.: 2001, The significance of word lists, *Technical report*, CSLI, Stanford, CA.
- Kim, A., Srinivas, B. and Trueswell, J.: 2001, The convergence of lexicalist perspectives in psycholinguistics and computational linguistics, in P. Merlo and S. Stevenson (eds), *Sentence Processing and the lexicon: formal, computational, and experimental perspectives*, Benjamins, Amsterdam.
- Kintsch, W.: 1970, Models for free recall and recognition, in D. A. Norman (ed.), *Models of Human Memory*, Academic Press, New York, pp. 334–374.
- Kiparsky, P.: 1973, “Elsewhere” in phonology, in S. R. Anderson (ed.), *Festschrift for Morris Halle*, Holt, Rinehart and Winston, New York, pp. 93–106.
- Kirby, S.: 1999, *Function, Selection, and Innateness: the Emergence of Language Universals*, Oxford University Press, Oxford.

- Kirby, S.: 2001, Spontaneous evolution of linguistic structure: an iterated learning model of the emergence of regularity and irregularity, *Technical report*, Special Issue of IEEE Transactions on Evolutionary Computation on Evolutionary Computation and Cognitive Science.
- Kirchner, R.: 1997, Contrastiveness and faithfulness, *Phonology* **14**(1), 83–111.
- Kirchner, R.: in press, Preliminary thoughts on "phonologisation" within an exemplar-based speech processing model, *UCLA Working Papers in Linguistics*, Vol. 6, University of California at Los Angeles.
- Kisseberth, C.: 1970, On the functional unity of phonological rules, *Linguistic Inquiry* **1**, 291–306.
- Knight, C., Studdert-Kennedy, M. and Hurford, J.: 2000, *The Evolutionary Emergence of Language: social function and the origins of linguistic form.*, Cambridge University Press, Cambridge.
- Knocke, D. and Bohrnstedt, G. W.: 1994, *Statistics for Social Data Analysis*, 3 edn, F.E. Peacock Publishers Inc, Illinois.
- Kontra, M. and Varadi, T.: 1997, The Budapest sociolinguistic interview: Version 3, *Working Papers in Hungarian Sociolinguistics*.
- Koontz-Garboden, A. J.: 2001, A stochastic OT approach to word order variation in Korial Portuguese, *Proceedings of the 37th annual meeting of the Chicago Linguistic Society*, Chicago, IL.
- Koopman, H. and Sportiche, D.: 1987, Variables and the bijection principle, *The Linguistic Review* **2**, 139–160.
- Kornai, A.: 1998, Analytic models in phonology, in J. Durand and B. Laks (eds), *The Organization of Phonology: Constraints, Levels and Representations*, Oxford University Press, Oxford, UK, pp. 395–418. (Downloadable from <http://www.kornai.com/pub.html>).
- Kratzer, A.: 1981, The notional category of modality, in H. J. Eikmeyer and H. Rieser (eds), *Words, Worlds, and Contexts: New Approaches to Word Semantics*, de Gruyter, Berlin, pp. 38–74.
- Krenn, B. and Samuelsson, C.: 1997, The linguist's guide to statistics, Manuscript, University of Saarbrücken.
- Krifka, M.: 1995, Focus and the Interpretation of Generic Sentences, in G. Carlson and F. J. Pelletier (eds), *The Generic Book*, University of Chicago Press, Chicago, pp. 238–264.
- Kroch, A.: 1989, Reflexes of grammar in patterns of language change, *Language Variation and Change* **1**, 199–244.

- Kroch, A. S.: 2001, Syntactic change, in M. Baltin and C. Collins (eds), *Handbook of Contemporary Syntactic Theory*, Blackwell, Oxford, pp. 699–729.
- Kroeger, P.: 1993, *Phrase Structure and Grammatical Relations in Tagalog*, CSLI Publications, Stanford, CA.
- Krott, A., Baayen, R. H. and Schreuder, R.: 2001, Analogy in morphology: modeling the choice of linking morphemes in Dutch, *Linguistics* **39**(1), 51–93.
- Krott, A., Schreuder, R. and Baayen, R.: 2001, Linking elements in Dutch noun-noun compounds: constituent families as predictors for response latencies, *Brain and Language*, in press.
- Krug, M.: 1998, String frequency: A cognitive motivating factor in coalescence, language processing, and linguistic change, *Journal of English Linguistics* **26**, 286–320.
- Kruschke, J. K.: 1992, ALCOVE: An exemplar-based connectionist model of category learning, *Psychological Review* **99**, 22–44.
- Kučera, H. and Francis, W. N.: 1967, *Computational Analysis of Present-Day American English*, Brown University Press, Providence, RI.
- Kuhn, J.: 2001a, *Formal and Computational Aspects of Optimality-theoretic Syntax*, PhD thesis, Institut für maschinelle Sprachverarbeitung, Universität Stuttgart.
- Kuhn, J.: 2001b, Sketch of a hybrid optimization architecture of grammar in context, MS, Stanford University.
- Kuno, S. and Kaburaki, E.: 1977, Empathy and syntax, *Linguistic Inquiry* **8**, 627–672.
- Labov, W.: 1966, *The Social Stratification of English in New York City*, Center for Applied Linguistics, Washington, DC.
- Labov, W.: 1969, Contraction, deletion, and inherent variability of the English copula, *Language* **45**, 715–762.
- Labov, W.: 1972, *Sociolinguistic Patterns*, University of Pennsylvania Press, Philadelphia, PA.
- Labov, W.: 1975, *What is a Linguistic fact?*, Peter De Ridder Press, Lisse.
- Labov, W.: 1990, The intersection of sex and social class in the course of linguistic change, *Language Variation and Change* **2**(2), 205–254.
- Labov, W.: 1994, *Principles of Linguistic Change, Vol.1*, Blackwell, Cambridge, MA.
- Labov, W.: 2001, *Principles of Linguistic Change, Vol.2: Social Factors*, Blackwell, Malden, MA.

- Labov, W., Ash, S. and Boberg, C.: 2000, The phonological atlas of North America project. http://babel.ling.upenn.edu/phono_atlas/home.html.
- Labov, W., Karen, M. and Miller, C.: 1991, Near-mergers and the suspension of phonemic contrast, *Language Variation and Change* **3**, 33–74.
- Ladefoged, P. and Maddieson, I.: 1996, *The Sounds of the World's Languages*, Blackwell Publishers, Oxford, UK.
- Lance, M.: 1991, Probabilistic Dependence among Conditionals, *Philosophical Review* **100**, 269–276.
- Landman, F.: 1989, Groups, II, *Linguistics and Philosophy* **12**, 723–744.
- Lappin, S.: 1988, The Semantics of *Many* as a Weak Quantifier, *Linguistics* **26**, 1021–1037.
- Lappin, S.: 1993, ||Many|| as a Two-Place Determiner function, in M. Cobb and Y. Yian (eds), *SOAS Working Papers in Linguistics and Phonetics*, Vol. 3, SOAS, University of London, London, pp. 337–358.
- Laudanna, A. and Burani, C.: 1995, Distributional properties of derivational affixes: Implications for processing, in L. B. Feldman (ed.), *Morphological Aspects of Language Processing*, Lawrence Erlbaum Associates, Hillsdale, N. J., pp. 345–364.
- Laudanna, A., Burani, C. and Cermele, A.: 1994, Prefixes as processing units, *Language and Cognitive Processes* **9**, 295–316.
- Lavandera, B.: 1978, Where does the sociolinguistic variable stop?, *Language in Society* **7**, 171–182.
- Lebart, L.: 1995, Correspondence analysis and neural networks, *Analyses multidimensionnelles des données: III^e Congrès International NGUS'95* pp. 27–36.
- Lee, S., Potamianos, A. and Narayan, S.: 1999, Acoustics of children's speech: Developmental changes in temporal and spectral parameters, *Journal of the Acoustical Society of America* **105**, 1455–1468.
- Legendre, G., Miyata, Y. and Smolensky, P.: 1990, Can connectionism contribute to syntax? Harmonic grammar, with an application, *Proceedings of the 26th Meeting of the Chicago Linguistic Society*.
- Legendre, G., Raymond, W. and Smolensky, P.: 1993, An optimality-theoretic typology of case and grammatical voice systems, *Proceedings of the 19th Annual Meeting of the Berkeley Linguistics Society*, pp. 464–478.
- Lennig, M.: 1978, *Acoustic Measurement of Linguistic Change: the Modern Paris Vowel System*, PhD thesis, University of Pennsylvania.
- Levelt, W. J. M.: 1974, *Formal Grammars in Linguistics and Psycholinguistics*, Vol. 1, Mouton, The Hague, NL.

- Levelt, W. J. M.: 1989, *Speaking. From intention to articulation*, The MIT Press, Cambridge, Mass.
- Levelt, W. J. M., Roelofs, A. and Meyer, A. S.: 1999, A theory of lexical access in speech production, *Behavioral and Brain Science* **22**(1), 1–75.
- Levin, B.: 1993, *English Verb Classes and Alternations*, University of Chicago Press, Chicago.
- Lewis, D.: 1975, Adverbs of Quantification, in E. L. Keenan (ed.), *Formal Semantics of Natural Language*, Cambridge University Press, Cambridge, pp. 3–15.
- Lewis, D.: 1976, Probabilities of Conditionals and Conditional Probabilities, *Philosophical Review* **85**, 297–315.
- Li, A. Y.-H.: 1990, *Order and Constituency in Mandarin Chinese*, Kluwer Academic Publishers, Dordrecht.
- Li, P. and Yip, M. C.: 1996, Lexical ambiguity and context effects in spoken word recognition: Evidence from Chinese, *Proceedings of the 18th Annual Conference of the Cognitive Science Society (COGSCI-96)*, pp. 228–232.
- Lightfoot, D.: 1991, *How to Set Parameters: Evidence from Language Change*, MIT Press, Cambridge, MA.
- Liljencrants, J. and Lindblom, B.: 1972, Numerical simulation of vowel quality systems: The role of perceptual contrast, *Language* **48**, 839–861.
- Lindblom, B.: 1986, Phonetic universals in vowel systems, in J. Ohala and J. Jaeger (eds), *Experimental Phonology*, Academic Press, Orlando, pp. 1773–1781.
- Lindblom, B.: 1990, Models of phonetic variation and selection, *PERILUS* **11**, 65–100.
- Lippi-Green, R.: 1997, The real trouble with Black English, in R. Lippi-Green (ed.), *English with an Accent: Language Ideology and Discrimination in the United States*, Routledge, London, pp. 176–202.
- Lloyd, C. J.: 1999, *Statistical Analysis of Categorical Data*, John Wiley & Sons.
- Lødrup, H.: 1999, Linking and optimality in the Norwegian presentational focus construction, *Nordic Journal of Linguistics* **22**, 205–230.
- Lowe, E.: 1991, Noun Phrases, Quantifiers and Generic Names, *The Philosophical Quarterly* **41**(164), 287–300.
- Luce, P. A. and Pisoni, D. B.: 1990, Recognizing spoken words: The neighborhood activation model, in G. T. M. Altmann (ed.), *Cognitive Models of Speech Processing: Psycholinguistic and Computational Perspectives*, MIT Press, Cambridge, MA, pp. 122–147.
- Luce, P. A. and Pisoni, D. B.: 1998, Recognizing spoken words: The neighborhood activation model, *Ear and Hearing* **19**, 1–36.

- Luce, R. D.: 1959, *Individual Choice Behavior*, Wiley, New York.
- Luce, R. D., Bush, R. R. and Galanter, E. (eds): 1963a, *Handbook of Mathematical Psychology*, Vol. I, John Wiley and Sons, New York.
- Luce, R. D., Bush, R. R. and Galanter, E. (eds): 1963b, *Handbook of Mathematical Psychology*, Vol. II, John Wiley and Sons, New York.
- Lycan, W.: 1991, *Even and Even if*, *Linguistics and Philosophy* **14**, 115–150.
- MacDonald, M. C.: 1993, The interaction of lexical and syntactic ambiguity, *Journal of Memory and Language* **32**, 692–715.
- MacDonald, M. C.: 1994, Probabilistic constraints and syntactic ambiguity resolution, *Language and Cognitive Processes* **9**(2), 157–201.
- MacDonald, M. C., Pearlmutter, N. J. and Seidenberg, M. S.: 1994, The lexical nature of syntactic ambiguity resolution, *Psychological Review* **101**, 676–703.
- MacWhinney, B. and Bates, E.: 1989, *The Crosslinguistic Study of Sentence Processing*, Cambridge University Press, Cambridge.
- MacWhinney, B. and Leinbach, J.: 1991, Implementations are not conceptualizations: revising the verb learning model, *Cognition* **40**, 121–157.
- MacWhinney, B., Bates, E. and Kliegl, R.: 1984, Cue validity and sentence interpretation in English, German, and Italian, *Journal of Verbal Learning and Verbal Behavior* **23**, 127–150.
- Maling, J.: 1989, Adverbials and structural case in Korean, in S. Kuno, I. Lee, J. Whitman, S.-Y. Bak, Y.-S. Kang and Y.-J. Kim (eds), *Harvard Studies in Korean Linguistics*, Vol. 3, Cambridge, MA, pp. 297–308.
- Maling, J.: 1993, Of nominative and accusative: The hierarchical assignment of grammatical case in Finnish, in A. Holmberg and U. Nikanne (eds), *Case and Other Functional Categories in Finnish Syntax*, Mouton de Gruyter, Dordrecht, pp. 51–76.
- Malinowski, B.: 1937, The dilemma of contemporary linguistics, in D. Hymes (ed.), *Language in Culture and Society*, Harper & Row, New York, pp. 63–68.
- Malouf, R. P.: 2000, *Mixed Categories in the Hierarchical Lexicon*, CSLI Publications, Stanford, CA.
- Manaster Ramer, A. and Hitchcock, C.: 1996, Glass houses: Greenberg, Ringe, and the mathematics of comparative linguistics, *Anthropological Linguistics* **38**, 601–619.
- Manning, C. D.: 1993, Automatic acquisition of a large subcategorization dictionary from corpora, *ACL* **31**, pp. 235–242.

- Manning, C. D. and Schütze, H.: 1999, *Foundations of Statistical Natural Language Processing*, MIT Press, Cambridge, MA.
- Marchman, V. and Bates, E.: 1994, Continuity in lexical and morphological development: A test of the critical mass hypothesis, *Journal of Child Language* **21**, 339–366.
- Marcus, G. F.: 2001, *The algebraic mind: Integrating connectionism and cognitive science*, The MIT press, Cambridge, Mass.
- Marcus, G. F., Brinkman, U., Clahsen, H., Wiese, R. and Pinker, S.: 1995, German inflection: The exception that proves the rule, *Cognitive Psychology* **29**, 189–256.
- Marcus, M. P., Santorini, B. and Marcinkiewicz, M. A.: 1993, Building a large annotated corpus of English: The Penn treebank, *Computational Linguistics* **19**, 313–330.
- Marr, D.: 1982, *Vision: A Computational Investigation into the Human Representation and Processing of Visual Information*, W. H. Freeman, San Francisco.
- Masciarotte, G.: 1991, C'mon girl: Oprah Winfrey and the discourse of feminine talk, *Genders* **11**, 81–110.
- Matsuda, K.: 1993, Disecting analogical leveling quantitatively: The case of the innivative potential suffix in Tokyo Japanese, *Language Variation and Change* **5**(1), 1–34.
- Mattys, S., Jusczyk, P. W., Luce, P. A. and Morgan, J. L.: 1999, Phonotactic and prosodic effects on word segmentation in infants., *Cognitive Psychology* **38**, 465–494.
- Maye, J. and Gerken, L.: 2000, Learning phonemes without minimal pairs, in S. C. Howell, S. A. Fish and T. Keith-Lucas (eds), *Proceedings of the 24th Annual Boston University Conference on Language Development*, Cascadilla Press, Somerville, MA, pp. 522–533.
- Maye, J., Werker, J. F. and Gerken, L.: in press, Infant sensitivity to distributional information can affect phonetic discrimination, *Cognition*.
- McCarthy, J.: 1988, Feature geometry and dependency: A review, *Phonetica* **45**, 88–108.
- McCarthy, J.: 1999, Sympathy and phonological opacity, *Phonology* **16**, 331–399.
- McCarthy, J. and Hayes, P.: 1969, Some philosophical problems from the standpoint of artificial intelligence, in B. Meltzer and D. Michie (eds), *Machine Intelligence*, Vol. 4, Edinburgh University Press, Edinburgh, pp. 463–502.
- McCarthy, J. and Prince, A.: 1995, Faithfulness and reduplicative identity, in J. Beckman, S. Urbaczynk and L. Walsh (eds), *University of Massachusetts Occasional Papers in Linguistics 18: Papers in Optimality Theory*, pp. 249–384.
- McClelland, J. L.: 1998, Connectionist models and Bayesian inference, in M. Oaksford and N. Chater (eds), *Rational Models of Cognition*, Oxford University Press, Oxford, pp. 21–53.

- McClelland, J. L. and Rumelhart, D. E. (eds): 1986, *Parallel Distributed Processing. Explorations in the Microstructure of Cognition. Vol. 2: Psychological and Biological Models*, MIT Press, Cambridge, Mass.
- McCullagh, P. and Nelder, J. A.: 1990, *Generalized Linear Models*, 2nd edn, CRC Press.
- McCulloch, W. and Pitts, W.: 1943, A logical calculus of ideas immanent in neural activity, *Bulletin of Mathematical Biophysics* **5**, 115–133.
- McDonald, J. and MacWhinney, B.: 1989, Maximum likelihood models for sentence processing, in B. MacWhinney and E. Bates (eds), *The Crosslinguistic Study of Sentence Processing*, Cambridge University Press, Cambridge, pp. 397–421.
- McDonald, J. L.: 1986, The development of sentence comprehension strategies in English and Dutch, *Journal of Experimental Child Psychology* **41**, 317–335.
- McDonald, S., Shillcock, R. and Brew, C.: 2001, Low-level predictive inference in reading: Using distributional statistics to predict eye movements, Poster presented at AMLaP-2001, Saarbruecken. September 20-22, 2001. (Downloadable from: (http://www.cogsci.ed.ac.uk/~scottm/AMLaP-2001_poster.id.pdf).
- McEnery, T. and Wilson, A.: 2001, *Corpus Linguistics*, 2nd edn, Edinburgh University Press, Edinburgh.
- McLachlan, G. J. and Krishnan, T.: 1996, *The EM Algorithm and Extensions*, John Wiley & Sons.
- McLeod, P., Plunkett, K. and Rolls, E.: 1998, *Introduction to connectionist modelling of cognitive processes*, Oxford University Press, Oxford.
- McRae, K., Spivey-Knowlton, M. J. and Tanenhaus, M. K.: 1998, Modeling the influence of thematic fit (and other constraints) in on-line sentence comprehension, *Journal of Memory and Language* **38**, 283–312.
- Mehta, C. and Patel, N.: 1986, Algorithm 643: FEXACT: A fortran subroutine for Fisher's exact test on unordered $r \times c$ contingency tables, *ACM transactions on mathematical software* **12**, 154–161.
- Mendoza-Denton, N.: 1997, *Chicana/Mexicana Identity and Linguistic Variation: An Ethnographic and Sociolinguistic Study of Gang Affiliation in an Urban High School*, PhD thesis, Stanford University.
- Mendoza-Denton, N.: 2000, Style, *Lexicon of the New Millenium*, *Journal of Linguistic Anthropology*, Blackwell Press, London, pp. 238–240.
- Mendoza-Denton, N.: 2001, Language and identity, in J. Chambers, P. Trudgill and N. Schilling-Estes (eds), *Handbook of Language Variation and Change*, Blackwell Press, London, pp. 475–495.

- Merlo, P.: 1994, A corpus-based analysis of verb continuation frequencies for syntactic processing, *Journal of Psycholinguistic Research* **23**(6), 435–457.
- Merlo, P. and Leybold, M.: 2001, Automatic distinction of arguments and modifiers: the case of prepositional phrases, *Proceedings of the Workshop on Computational Natural Language Learning (CoNLL-2001)*, pp. 121–128.
- Mermelstein, P.: 1975, Automatic segmentation of speech into syllabic units, *Journal of the Acoustical Society of America* **58**(4), 880–883.
- Miller-Ockhuizen, A. and Sands, B. E.: 2000, Contrastive lateral clicks and variation in click types, *Proceedings of ICSLP 2000*, Beijing, China, pp. 17–26.
- Milne, R. W.: 1982, Predicting garden path sentences, *Cognitive Science* **6**(4), 349–374.
- Milroy, L.: 1980, *Language and Social Networks*, University Park Press, Baltimore.
- Mitchell, D. C.: 1994, Sentence parsing, in M. A. Gernsbacher (ed.), *Handbook of Psycholinguistics*, Academic Press, San Diego, CA, pp. 375–409.
- Mitchell, D. C. and Brysbaert, M.: 1998, Challenges to recent theories of crosslinguistic variation in parsing: Evidence from Dutch, in D. Hillert (ed.), *Syntax and Semantics 31: Sentence Processing: A Crosslinguistic Perspective*, Academic Press, San Diego, CA, pp. 313–344.
- Mitchell, T. M. (ed.): 1997, *Machine Learning*, McGraw-Hill, New York.
- Moore, M. and McCabe, G.: 1989, *Introduction to the Practice of Statistics*, Freeman, New York.
- Moore, R., Appelt, D., Dowding, J., Gawron, J. M. and Moran, D.: 1995, Combining linguistic and statistical knowledge sources in natural-language processing for ATIS, *Proceedings of the January 1995 ARPA Spoken Language Systems Technology Workshop*, Morgan Kaufmann, Austin, TX, pp. 261–264.
- Moreton, E.: December, 1997, Phonotactic rules in speech perception, *Abstract 2aSC4: 134th Meeting of the Acoustical Society of America*, San Diego.
- Morgan, J. N. and Messenger, R. C.: 1973, THAID: A sequential analysis program for the analysis of nominal scale dependent variables, *Technical report*, Institute for Social Research, University of Michigan, Ann Arbor.
- Morgan, J. N. and Sonquist, J. A.: 1963, Problems in the analysis of survey data, and a proposal, *Journal of the American Statistical Association* **58**, 415–435.
- Morreau, M. P.: 1992, *Conditionals in Philosophy and Artificial Intelligence*, PhD thesis, University of Amsterdam.
- Morrill, G.: 1994, *Type-Logical Grammar*, Kluwer Academic, Dordrecht.

- Morton, J.: 1969, Interaction of information in word recognition, *Psychological Review* **76**, 165–178.
- Müller, G.: 1999, Optimality, markedness, and word order in German, *Linguistics* **37**, 777–818.
- Mumford, D.: 1999, The dawning of the age of stochasticity, Based on a lecture at the Accademia Nazionale dei Lincei. (Downloadable from: <http://www.dam.brown.edu/people/mumford/Papers/Dawning.ps>).
- Munson, B.: 2000, *Phonological Pattern Frequency and Speech Production in Children and Adults*, PhD thesis, Ohio State University.
- Munson, B.: 2001, Phonological pattern frequency and speech production in children and adults, *Journal of Speech, Language and Hearing Research* **44**, 778–792.
- Nagy, N. and Reynolds, B.: 1997, Optimality theory and variable word-final deletion in Faetar, *Language Variation and Change* **9**(1), 37–56.
- Nagy, W. E. and Anderson, R. C.: 1984, How many words are there in printed school English, *Reading Research Quarterly* **19**(3), 304–330.
- Napoli, D. J.: 1981, Semantic interpretation vs. lexical governance, *Language* **57**, 841–887.
- Narayanan, S. and Jurafsky, D.: 1998, Bayesian models of human sentence processing, *Proceedings of the 20th Annual Conference of the Cognitive Science Society (COGSCI-98)*, Lawrence Erlbaum, Madison, WI, pp. 752–757.
- Narayanan, S. and Jurafsky, D.: 2001, A Bayesian model predicts human parse preference and reading times in sentence processing, *Proceedings of NIPS-2001*.
- Nelson, G., Wallis, S. and Aarts, B.: forthcoming, *Exploring Natural Language: Working with the British Component of the International Corpus of English*, John Benjamins, Amsterdam.
- Nerbonne, J. and Heeringa, W.: 2001, Computational comparison and classification of dialects, *Dialectologia et Geolinguistica*.
- Neumann, G.: 1998, Automatic extraction of stochastic lexicalized tree grammars from treebanks, *Proceedings of the 4th Workshop on Tree-Adjoining Grammars and Related Frameworks*, Philadelphia, PA, pp. 17–23.
- Niedzielski, N. A.: 1999, The effect of social information on the perception of sociolinguistic variables, *Journal of Social Psychology (Special Edition)* **138**(1), 62–85.
- Nittrouer, S.: 1992, Age-related differences in perceptual effects of formant transitions within syllables and across syllable boundaries, *Journal of Phonetics* **20**, 351–382.
- Nittrouer, S.: 1993, The emergence of mature gestural patterns is not uniform: Evidence from an acoustic study, *Journal of Speech and Hearing Research* **30**, 319–329.

- Niyogi, P. and Berwick, R.: 1995, A dynamical system model for language change, *Technical Report 1515*, MIT Artificial Intelligence Laboratory, Cambridge, MA.
- Noble, S.: 1985, To have and have got, Presented at NWAWE 14, Georgetown University.
- Norris, D. G.: 1994, Shortlist: A connectionist model of continuous speech recognition, *Cognition* **52**, 189–234.
- Norris, D. G., McQueen, J., Cutler, A. and Butterfield, S.: 1997, The possible-word constraint in the segmentation of continuous speech, *Cognitive Psychology* **34**, 191–243.
- Oakes, M.: 1998, *Statistics for Corpus Linguistics*, Edinburgh University Press, Edinburgh.
- Oja, E.: 1982, A simplified neuron model as a principal component analyzer, *Journal of mathematical biology* **15**, 267–273.
- Oldfield, R. C. and Wingfield, A.: 1965, Response latencies in naming objects, *Quarterly Journal of Experimental Psychology* **17**, 273–281.
- Oliveira e Silva, G.: 1982, *Estudo da regularidade na variagco dos possessivos no portugajs do Rio de Janeiro*, PhD thesis, Universidade Federal do Rio de Janeiro.
- Olofsson, A.: 1990, A participle caught in the act. on the prepositional use of *following*, *Studia Neophilologica* **62**, 23–35.
- Osgood, C. and Sebeok, T.: 1954, Psycholinguistics: A survey of theory and research problems, *Journal of Abnormal and Social Psychology* **49**, 1–203.
- Oswalt, R.: 1970, The detection of remote linguistic relationships, *Computer Studies in the Humanities and Verbal Behavior* **3**, 117–129.
- Pan, S. and Hirschberg, J.: 2000, Modeling local context for pitch accent prediction, *Proceedings of the ACL 2000*, ACL, Hong Kong, pp. 233–240.
- Partee, B. H.: 1988, Many quantifiers, *Proceedings of ESCOL*, pp. 383–402.
- Partee, B. H., ter Meulen, A. and Wall, R. E.: 1990, *Mathematical Methods in Linguistics*, Kluwer, Dordrecht.
- Pearl, J.: 1988, *Probabilistic Reasoning in Intelligent Systems: Networks of Plausible Inference*, Morgan Kaufman, San Mateo, Ca.
- Pearlmutter, N., Daugherty, K., MacDonald, M. and Seidenberg, M.: 1994, Modeling the use of frequency and contextual biases in sentence processing, *Proceedings of the 16th Annual Conference of the Cognitive Science Society (COGSCI-94)*, Atlanta, GA, pp. 699–704.
- Peck, J.: 1994, Talk about racism: Framing a popular discourse of race on Oprah Winfrey, *Cultural Critique* **Spring**, 89–126.

- Pelletier, F. J. and Asher, N.: 1997, Generics and Defaults, in J. van Benthem and A. ter Meulen (eds), *Handbook of Logic and Language*, Elsevier, Amsterdam, pp. 1125–1177.
- Pereira, F.: 2000, Formal grammar and information theory: Together again, *Philosophical Transactions of the Royal Society* **358**, 1239–1253. (Downloadable from cite-seer.nj.nec.com/pereira00formal.html).
- Pesetsky, D.: 1998, Principles of sentence pronunciation, in P. Barbosa, D. Fox, P. Hagstrom, M. McGinnis and D. Pesetsky (eds), *Is the Best Good Enough*, MIT Press, Cambridge, MA.
- Peterson, G. E. and Barney, H. L.: 1952, Control methods used in a study of the vowels, *Journal of the Acoustical Society of America* **24**, 175–184. (Data downloadable from <http://www-2.cs.cmu.edu/afs/cs/project/ai-repository/ai/areas/speech/database/pb>).
- Phillips, B.: 1998, Word frequency and lexical diffusion in English stress shifts, in R. Hog and L. van Bergen (eds), *Historical Linguistics 1995, Vol. 2: Germanic Linguistics*, John Benjamins, Amsterdam, pp. 223–232.
- Phillips, B.: 2001, Lexical diffusion, lexical frequency and lexical analysis, *Frequency and the emergence of linguistic structure*, John Benjamins, Amsterdam.
- Pickering, M. J., Traxler, M. J. and Crocker, M. W.: 2000, Ambiguity resolution in sentence processing: Evidence against frequency-based accounts, *Journal of Memory and Language* **43**, 447–475.
- Pierrehumbert, J.: 1992, Dissimilarity in the Arabic verbal roots, *Proceedings of the 23rd Meeting of the Northeastern Linguistic Society, Graduate Student Association*, University of Massachusetts, Amherst, pp. 367–381.
- Pierrehumbert, J.: 1993, Prosody, intonation, and speech technology, in M. Bates and R. Weischedel (eds), *Challenges in Natural Language Processing*, Cambridge University Press, Cambridge, UK, pp. 257–282.
- Pierrehumbert, J.: 1994, Syllable structure and word structure, in P. Keating (ed.), *Papers in Laboratory Phonology III*, Cambridge University Press, Cambridge, UK, pp. 168–188.
- Pierrehumbert, J.: 2000, What people know about sounds of language, *Studies in the Linguistic Sciences* **29**(2), 111–120. (Downloadable from <http://www.ling.nwu.edu/~jbp>).
- Pierrehumbert, J.: 2001a, Exemplar dynamics: Word frequency, lenition and contrast, in J. L. Bybee and P. Hopper (eds), *Frequency and the emergence of linguistic structure*, Benjamins, Amsterdam, pp. 137–157. (Downloadable from <http://www.ling.nwu.edu/~jbp>).

- Pierrehumbert, J.: 2001b, Why phonological constraints are so coarse grained, in J. M. McQueen and A. Cutler (eds), *SWAP (Spoken Word Access Processes) Special Issue: Language and Cognitive Processes* 16:5/6, pp. 691–698.
- Pierrehumbert, J.: in press, Word specific phonetics, in C. Gussenhoven and N. Warner (eds), *Laboratory Phonology VII*, Mouton De Gruyter, Berlin. (Downloadable from <http://www.ling.nwu.edu/~jbp>).
- Pierrehumbert, J. and Beckman, M. E.: 1988, *Japanese Tone Structure*, MIT Press, Cambridge, MA. Linguistic Inquiry Monograph 15.
- Pierrehumbert, J. and Talkin, D.: 1992, Lenition of /h/ and glottal stop, in G. Docherty and D. R. Ladd (eds), *Papers in Laboratory Phonology II*, Cambridge University Press, Cambridge, UK, pp. 90–117.
- Pierrehumbert, J., Beckman, M. E. and Ladd, D. R.: 2001, Conceptual foundations of phonology as a laboratory science, in N. Burton-Roberts, P. Carr and G. Docherty (eds), *Phonological Knowledge*, Oxford University Press, Oxford, UK, pp. 273–304. (Downloadable from <http://www.ling.nwu.edu/~jbp>).
- Pinker, S.: 1991, Rules of language, *Science* **153**, 530–535.
- Pinker, S.: 1997, Words and rules in the human brain, *Nature* **387**, 547–548.
- Pinker, S.: 1999, *Words and Rules: The Ingredients of Language*, Weidenfeld and Nicolson, London.
- Pinker, S.: 2000, *Words and Rules: The Ingredients of Language*, Harper Perennial.
- Pinker, S. and Prince, A.: 1988, On language and connectionism, *Cognition* **28**, 73–193.
- Pinker, S. and Prince, A.: 1994, Regular and irregular morphology and the psychological status of rules of grammar, in R. C. S. Lima and G. Iverson (eds), *The Reality of Linguistic Rules*, John Benjamins, Amsterdam, pp. 321–351.
- Pintzuk, S.: 1995, Variation and change in Old English clause structure, *Language Variation and Change* **7**, 229–260.
- Plaut, D. C. and Gonnerman, L. M.: 2000, Are non-semantic morphological effects incompatible with a distributed connectionist approach to lexical processing?, *Language and Cognitive Processes* **15**(4/5), 445–485.
- Plunkett, K. and Juola, P.: 2000, A connectionist model of English past tense and plural morphology, *Cognitive Science*.
- Poisson, S. D.: 1837, *Recherches sur la probabilité des jugements en matière criminelle et en matière civile précédées des règles du calcul des probabilités*, Bachelier, Paris.
- Pollard, C. and Sag, I. A.: 1987, *Information-Based Syntax and Semantics*, Vol. 1, Center for the Study of Language and Information, Stanford, CA.

- Pollard, C. and Sag, I. A.: 1994, *Head-Driven Phrase Structure Grammar*, University of Chicago Press, Chicago, IL.
- Pollock, J.-Y.: 1989, Verb movement, UG, and the structure of IP, *Linguistic Inquiry* **20**, 365–424.
- Poplack, S.: 1979, *Function and Process in a Variable Phonology*, PhD thesis, University of Pennsylvania.
- Port, R. F., Mitleb, F. and O'Dell, M.: 1981, Neutralization of obstruent voicing in German is incomplete, *Journal of the Acoustical Society of America* **70**, S10.
- Powers, D. A. and Xie, Y.: 1999, *Statistical Methods for Categorical Data Analysis*, Academic Press.
- Preston, D.: 1991, Sorting out the variables in sociolinguistic theory, *American Speech* **66**, 33–56.
- Prince, A. and Smolensky, P.: 1993, Optimality theory: Constraint interaction in generative grammar, *Technical Report TR-2*, Rutgers University Center for Cognitive Science.
- Pritchett, B.: 1988, Garden path phenomena and the grammatical basis of language processing, *Language* **64**(3), 539–576.
- Przepiórkowski, A.: 1999a, On case assignment and “adjuncts as complements”, in G. Weibelhuth, J.-P. Koenig and A. Kathol (eds), *Lexical and Constructional Aspects of Linguistic Explanation*, CSLI Publications, Stanford, CA, pp. 231–245.
- Przepiórkowski, A.: 1999b, On complements and adjuncts in Polish, in R. D. Borsley and A. Przepiórkowski (eds), *Slavic in Head-Driven Phrase Structure Grammar*, CSLI Publications, Stanford, CA, pp. 183–210.
- Pullum, G. K.: 1996, Learnability, hyperlearning, and the poverty of the stimulus, in J. Johnson, M. L. Juge and J. L. Moxley (eds), *Proceedings of the 22nd Annual Meeting of the Berkeley Linguistics Society: General Session and Parasession on the Role of Learnability in Grammatical Theory*, Berkeley Linguistics Society, Berkeley, CA, pp. 498–513.
- Quirk, R., Greenbaum, S., Leech, G. and Svartvik, J.: 1985, *A Comprehensive Grammar of the English Language*, Longman, London.
- Raaijmakers, J. G. W. and Shiffrin, R. M.: 1981, Search of associative memory, *Psychological Review* **88**, 93–134.
- Radford, A.: 1988, *Transformational Grammar*, Cambridge University Press, Cambridge.
- Raimy, E. and Vogel, I.: 2000, Compound and phrasal stress: A case of late acquisition, *Paper presented at the Annual Meeting of the Linguistic Society of America*, Chicago, IL.
- Ramscar, M.: 2001, The role of meaning in inflection: Why the past tense doesn't require a rule, *Cognitive Psychology*. to appear.

- Ramsey, F. L. and Schafer, D. W.: 1997, *The Statistical Sleuth: A Course in Methods of Data Analysis*, Duxbury Press, Belmont, CA.
- Rand, D. and Sankoff, D.: 1990, Goldvarb version 2: A variable rule application for the macintosh., *Centre de Recherches Mathématiques*.
- Rao, R. P. N., Olshausen, B. A. and Lewicki, M. S.: 2002, *Probabilistic Models of the Brain: Perception and Neural Function*, MIT Press, Cambridge, MA.
- Ratnaparkhi, A.: 1998, *Maximum Entropy Models for Natural Language Ambiguity Resolution*, PhD thesis, University of Pennsylvania.
- Ratnaparkhi, A.: 1999, Learning to parse natural language with maximum entropy models, *Machine Learning* **34**, 151–175.
- Rehder, B.: 1999, A causal model theory of categorization, *Proceedings of the 21th Annual Conference of the Cognitive Science Society (COGSCI-99)*, Vancouver, British Columbia, pp. 595–600.
- Reichenbach, H.: 1949, *A Theory of Probability*, University of California Press, Berkeley. Originally published in German, 1935.
- Resnik, P.: 1992, Probabilistic tree-adjointing grammar as a framework for statistical natural language processing, *Proceedings of COLING 1992*, Nantes, France, pp. 418–424.
- Resnik, P.: 1996, Selectional constraints: an information-theoretic model and its computational realization, *Cognition* **61**, 127–159.
- Richards, N.: 1997, Leerdil Yuujmen bana Yanangarr (Old and New Lardil), *MIT Occasional Papers in Linguistics* **13**, 147–163.
- Rickford, J. R.: 1986, The need for new approaches to social class analysis in sociolinguistics, *Language and Communication* **6**, 215–221.
- Rickford, J. R.: 2001, Implicational scales, in J. Chambers, P. Trudgill and N. Schilling-Estes (eds), *Handbook of Language Variation and Change*, Blackwell Press, London, pp. 142–168.
- Rickford, J. R. and McNair-Knox, F.: 1994, Addressee and topic-influenced style shift: A quantitative and sociolinguistic study, in D. Biber and E. Finegan (eds), *Sociolinguistic Perspectives on Register*, Oxford University Press, Oxford, pp. 235–276.
- Rickford, J. R., Wasow, T., Mendoza-Denton, N. and Espinoza, J.: 1995, Syntactic variation and change in progress: Loss of the verbal coda in topic-restricting as far as constructions, *Language* **71**, 102–131.
- Riezler, S., Prescher, D., Kuhn, J. and Johnson, M.: 2000, Lexicalized stochastic modeling of constraint-based grammars using log-linear measures and EM, *Proceedings of ACL 38*, Hong Kong, China.

- Ringe, D.: 1992, On calculating the factor of chance in language comparison, *Transactions of the American Philosophical Society*, Vol. 82.
- Ripley, B. D.: 1996, *Pattern Recognition and Neural Networks*, Cambridge University Press, Cambridge.
- Rizzi, L.: 1990, *Relativized minimality*, MIT Press, Cambridge, MA.
- Roberts, I.: 1993, Agreement parameters and the development of the English modal auxiliaries, *Natural Language and Linguistic Theory* **3**, 21–58.
- Roland, D.: 2001, *Verb Sense and Verb Subcategorization Probabilities*, PhD thesis, University of Colorado, Boulder.
- Roland, D. and Jurafsky, D.: 1998, How verb subcategorization frequencies are affected by corpus choice, *COLING-98*, ACL, Montreal, pp. 1122–1128.
- Roland, D. and Jurafsky, D.: 2001, Verb sense and verb subcategorization probabilities, in P. Merlo and S. Stevenson (eds), *Sentence Processing and the lexicon: formal, computational, and experimental perspectives*, Benjamins, Amsterdam.
- Roland, D., Jurafsky, D., Menn, L., Gahl, S., Elder, E. and Riddoch, C.: 2000, Verb subcategorization frequency differences between business-news and balanced corpora: the role of verb sense, *Proceedings of the Association for Computational Linguistics (ACL-2000) Workshop on Comparing Corpora*, Hong Kong, pp. 28–34.
- Romaine, S.: 1985, Variable rules, o.k.? or can there be sociolinguistic grammars?, *Language Communication* **5**, 53–67.
- Rosenfeld, R.: 1994, *Adaptive Statistical Language Modeling: A Maximum Entropy Approach*, PhD thesis, CMU. Technical report CMU-CS-94-138.
- Ross, J. R.: 1972, The category squish: Endstation Hauptwort, *Papers from the Eighth Regional Meeting*, Chicago Linguistic Society, Chicago, pp. 316–328.
- Ross, J. R.: 1973a, Clausematiness, in E. L. Keenan (ed.), *Formal Semantics of Natural Language*, Cambridge University Press, Cambridge UK.
- Ross, J. R.: 1973b, A fake NP squish, in C.-J. N. Bailey (ed.), *New ways of analyzing variation in English*, Georgetown University Press, Washington.
- Ross, J. R.: 1973c, Nouniness, in O. Fujimura (ed.), *Three dimensions of linguistic theory*, The Tokyo English Corporation, Tokyo, pp. 137–257.
- Ross, S.: 2000, *Introduction to Probability Models*, Academic Press, Burlington.
- Rousseau, P.: 1978, *Analyse des Données Binaires*, PhD thesis, Université de Montréal.

- Rousseau, P.: 1989, A versatile program for the analysis of sociolinguistic data, in R. Fausold and D. Schiffrin (eds), *Language Change and Variation*, John Benjamins, Amsterdam, pp. 395–409.
- Rousseau, P. and Sankoff, D.: 1978a, Advance in variable rule methodology, in D. Sankoff (ed.), *Linguistic Variation: Models & Methods*, Academic Press, New York, pp. 57–69.
- Rousseau, P. and Sankoff, D.: 1978b, A solution to the problem of grouping speakers, in D. Sankoff (ed.), *Linguistic Variation: Models & Methods*, Academic Press, New York, pp. 97–117.
- Rubenstein, H. and Pollack, I.: 1963, Word predictability and intelligibility, *Journal of Verbal Learning and Verbal Behavior* **2**, 147–158.
- Rubenstein, H., Garfield, L. and Millikan, J. A.: 1970, Homographic entries in the internal lexicon, *Journal of Verbal Learning and Verbal Behavior* **9**, 487–494.
- Rumelhart, D. E. and McClelland, J. L.: 1986a, On learning the past tenses of English verbs, in J. McClelland and the PDP Research Group (eds), *Parallel Distributed Processing: Explorations in the Microstructure of Cognition: Psychological and Biological Models*, Vol. 2, MIT Press, Cambridge, MA.
- Rumelhart, D. E. and McClelland, J. L. (eds): 1986b, *Parallel Distributed Processing. Explorations in the Microstructure of Cognition. Vol. 1: Foundations*, MIT Press, Cambridge, Mass.
- Rumelhart, D. E., Hinton, G. E. and Williams, R. J.: 1986, Learning internal representations by error propagation, in D. E. Rumelhart and J. L. McClelland (eds), *Parallel Distributed Processing*, Vol. 2, MIT Press, pp. 318–362.
- Russo, R.: 2001, *Empire Falls*, Alfred A. Knopf, New York.
- Saffran, J. R.: 2001, The use of predictive dependencies in language learning, *Journal of Memory and Language* **44**, 493–515.
- Saffran, J. R., Aslin, R. N. and Newport, E. L.: 1996c, Statistical cues in language acquisition: Word segmentation by infants, *Proceedings of the 18th Annual Conference of the Cognitive Science Society (COGSCI-96)*, pp. 376–380.
- Saffran, J. R., Newport, E. L. and Aslin, R. N.: 1996a, Statistical learning by 8-month old infants, *Science* **274**, 1926–1928.
- Saffran, J. R., Newport, E. L. and Aslin, R. N.: 1996b, Word segmentation: The role of distributional cues, *Journal of Memory and Language* **35**, 606–621.
- Salmon, W. C.: 1977, Objectively homogeneous reference classes, *Synthese* **36**, 399–414.
- Sampson, G.: 1987, Evidence against the “grammatical” / “ungrammatical” distinction, in W. Meijs (ed.), *Corpus Linguistics and Beyond*, Rodopi, Amsterdam.

- Sampson, G.: 2001, *Empirical Linguistics*, Continuum International, London.
- Sankoff, D.: 1978a, Probability and linguistic variation, *Synthese: An International Journal for Epistemology, Methodology and Philosophy of Science* **37**, 217–238.
- Sankoff, D.: 1978b, Statistical dependence among successive occurrences of a variable in discourse, in D. Sankoff (ed.), *Linguistic Variation: Models and Methods*, Academic Press, New York, pp. 227–238.
- Sankoff, D.: 1979, Varbrul 2s, Appendix B in Poplack, S. 1979. Function and Process in a Variable Phonology. University of Pennsylvania Dissertation.
- Sankoff, D.: 1985, Statistics in linguistics, *Encyclopedia of the Social Sciences* 5, John Wiley and Sons, New York, pp. 74–81.
- Sankoff, D.: 1988, Variable rules, in U. Ammon, N. Dittmar and K. J. Mattheier (eds), *Sociolinguistics: An International Handbook of the Science of Language and Society*, Vol. 2, Walter de Gruyter, Berlin, pp. 984–997.
- Sankoff, D. and Labov, W.: 1979, On the uses of variable rules, *Language in Society* **8**, 189–222.
- Sankoff, D. and Rousseau, P.: 1974, A method for assessing variable rule and implicational scale analyses in language variation, in J. Mitchell (ed.), *Computers in Humanities*, Edinburgh University Press, Edinburgh, pp. 3–15.
- Santorini, B.: 1990, Part-of-speech tagging guidelines for the Penn treebank project, 3rd Revision, 2nd printing, Feb. 1995. University of Pennsylvania.
- Santorini, B.: 1993, The rate of phrase structure change in the history of Yiddish, *Language Variation and Change* **5**, 257–283.
- Sapir, E.: 1921, *Language: an introduction to the study of speech*, Harcourt Brace, New York.
- Savin, H. B.: 1963, Word-frequency effect and errors in the perception of speech, *Journal of the Acoustical Society of America* **35**, 200–206.
- Scarborough, D. L., Cortese, C. and Scarborough, H. S.: 1977, Frequency and repetition effects in lexical memory, *Journal of Experimental Psychology: Human Perception and Performance* **3**, 1–17.
- Schabes, Y.: 1992, Stochastic lexicalized tree-adjoining grammars, *Proceedings of COLING 1992*, Nantes, France, pp. 426–433.
- Schilling-Estes, N.: 1996, *The Linguistic and Sociolinguistic Status of /ay/ in Outer Banks English*, PhD thesis, University of North Carolina at Chapel Hill.
- Schilling-Estes, N.: 2001, Investigating stylistic variation, in J. Chambers, P. Trudgill and N. Schilling-Estes (eds), *Handbook of Language Variation and Change*, Blackwell Press, London, pp. 375–402.

- Schilling-Estes, N. and Wolfram, W.: 1994, Convergent explanation and alternative regularization patterns: *Were/weren't* leveling in a vernacular English variety, *Language Variation and Change* **6**, 273–302.
- Schreuder, R. and Baayen, R. H.: 1997, How complex simplex words can be, *Journal of Memory and Language* **37**, 118–139.
- Schubert, L. K. and Pelletier, F. J.: 1989, Generically speaking, or using discourse representation theory to interpret generics, in G. Chierchia, B. H. Partee and R. Turner (eds), *Properties, Types and Meaning*, Kluwer, Dordrecht, pp. 193–268.
- Schuchardt, H.: 1885, *Über die Lautgesetze: Gegen die Junggrammatiker*, Robert Oppenheim, Berlin. Excerpted with English translation in Theo Vennemann and Terence H. Wilbur, (Eds.), *Schuchardt, the Neogrammarians, and the Transformational Theory of Phonological Change*, Athenäum Verlag, Frankfurt, 1972.
- Schulman, R.: 1983, Vowel categorization by the bilingual listener, *PERILUS* **3**, 81–100.
- Schultink, H.: 1961, Produktiviteit als morfologisch fenomeen, *Forum der Letteren* **2**, 110–125.
- Schütze, C. T.: 1995, PP attachment and argumenthood, *MIT Working Papers in Linguistics: Papers on Language Processing and Acquisition*, Vol. 26, MITWPL, Cambridge, MA, pp. 95–151.
- Schütze, C. T.: 1996, *The empirical base of linguistics: grammaticality judgments and linguistic methodology*, University of Chicago Press, Chicago, IL.
- Seidenberg, M. S. and Gonnerman, L. M.: 2000, Explaining derivational morphology as the convergence of codes, *Trends in Cognitive Sciences* **4**(9), 353–361.
- Seidenberg, M. S. and Hoeffner, J. H.: 1998, Evaluating behavioral and neuroimaging data on past tense processing, *Language* **74**, 104–122.
- Seidenberg, M. S. and MacDonald, M. C.: 1999, A probabilistic constraints approach to language acquisition and processing, *Cognitive Science* **23**, 569–588.
- Selkirk, E. O.: 1984, *Phonology and Syntax: The Relation between Sound and Structure*, MIT Press, Cambridge, MA.
- Sereno, J. and Jongman, A.: 1997, Processing of English inflectional morphology, *Memory and Cognition* **25**, 425–437.
- Shanklin, T.: 1990, *The Grammar of Negation in Middle English*, PhD thesis, University of Southern California.
- Shannon, C. E.: 1948, A mathematical theory of communication, *Bell System Technical Journal* **27**, 379–423, 623–656.

- Shao, J.: 1999, *Mathematical Statistics*, Springer Verlag, New York.
- Shattuc, J.: 1997, *The Talking Cure: TV Talk Shows and Women*, Routledge, London.
- Shi, Z.: 1989, The grammaticalization of the particle *le* in Mandarin Chinese, *Language Variation and Change* **1**, 99–114.
- Sigley, R.: 2001, The importance of interaction effects. Paper presented at the 14th New Zealand Linguistic Society Conference.
- Silva-Corvalán, C.: 1989, *Sociolingüística: Teoría y análisis*, Alhambra, Madrid.
- Silverstein, M.: 1976, Hierarchy of features and ergativity, in R. M. W. Dixon (ed.), *Grammatical Categories in Australian Languages*, Australian Institute of Aboriginal Studies, Canberra, pp. 112–171.
- Simpson, G. B. and Burgess, C.: 1985, Activation and selection processes in the recognition of ambiguous words, *Journal of Experimental Psychology: Human Perception and Performance* **11**(1), 28–39.
- Sinclair, J. M.: 1997, Corpus evidence in language description, in A. Wichmann, S. Fligelstone, T. McEnery and G. Knowles (eds), *Teaching and Language Corpora*, Longman.
- Skousen, R.: 1989, *Analogical Modeling of Language*, Kluwer Academic Publishers, Dordrecht.
- Skousen, R.: 1993, *Analogy and Structure*, Kluwer, Dordrecht.
- Skousen, R.: 2000, Analogical modeling and quantum computing, Los Alamos National Laboratory <<http://arXiv.org>>.
- Smolensky, P.: 1986, Information processing in dynamical systems: Foundations of harmony theory, in D. E. Rumelhart, J. L. McClelland and the PDP Research Group (eds), *Parallel Distributed Processing. Explorations in the Microstructure of Cognition. Volume 1: Foundations*, The MIT Press, Cambridge, MA, pp. 194–281.
- Smolensky, P.: 1993, Harmony, markedness, and phonological activity, Handout of keynote address, Rutgers Optimality Workshop-1; ROA-87.
- Smolensky, P.: 1997, Constraint interaction in generative grammar II: Local conjunction, or random rules in universal grammar, Presented at the Hopkins Optimality Theory Workshop/University of Maryland Mayfest. (Downloadable from http://hebb.cog.jhu.edu/pdf/constraint_interaction_generative_grammar.pdf).
- Smolensky, P.: 1999, Principles of Dave's philosophy, Contribution to the David Rumelhart Celebration at Carnegie-Mellon University. (Downloadable from: http://hebb.cog.jhu.edu/pdf/what_i_learned_from_dave_rumelhart.pdf).

- Smolensky, P. and Legendre, G.: 2000, Architecture of the mind / brain: Neural computation, optimality, and universal grammar in cognitive science, Draft ms., Dec 1, 2000, Johns Hopkins University.
- Sokolov, J. L. and Snow, C. E.: 1994, The changing role of negative evidence in theories of language development, in C. Gallaway and B. J. Richards (eds), *Input and interaction in language acquisition*, Cambridge University Press, New York, pp. 38–55.
- Sonnenstuhl, I. and Huth, A.: 2001, Processing and representation of German -n plurals: a dual mechanism approach, *Brain and Language* p. in press.
- Sorace, A.: 2000, Gradients in auxiliary selection with intransitive verbs, *Language* **76**, 859–890.
- Spivey-Knowlton, M. and Sedivy, J.: 1995, Resolving attachment ambiguities with multiple constraints, *Cognition* **55**, 227–267.
- Spivey-Knowlton, M. J.: 1996, *Integration of visual and linguistic information: Human data and model simulations*, PhD thesis, University of Rochester.
- Spivey-Knowlton, M., Trueswell, J. and Tanenhaus, M. K.: 1993, Context effects in syntactic ambiguity resolution: Discourse and semantic influences in parsing reduced relative clauses., *Canadian Journal of Experimental Psychology* **47**, 276–309.
- Spivey, M. J. and Tanenhaus, M. K.: 1998, Syntactic ambiguity resolution in discourse: Modeling the effects of referential context and lexical frequency, *Journal of Experimental Psychology: Learning, Memory, and Cognition* **24**(6), 1521–1543.
- Stabler, E. P.: 2001, *Computational Minimalism: Acquiring and Parsing Languages With Movement*, Blackwell.
- Stallings, L. M., MacDonald, M. C. and O’Seaghdha, P. G.: 1998, Phrasal ordering constraints in sentence production: Phrase length and verb disposition in heavy-np shift, *Journal of Memory and Language* **39**, 392–417.
- Stalnaker, R. and Jeffrey, R.: 1994, Conditionals as random variables, in E. Eells and B. Skyrms (eds), *Probability and Conditionals: Belief Revision and Rational Decision*, Cambridge University Press, Cambridge.
- Stalnaker, R. C.: 1970, Probability and conditionals, *Philosophy of Science* **37**, 64–80.
- Steels, L.: 2000, Language as a complex adaptive system, in M. Schoenauer (ed.), *Proceedings of PPSN VI*, Springer Verlag, Berlin, pp. 17–26.
- Sterelny, K.: 1983, Linguistic theory and variable rules, *Language and Communication* **3**, 47–69.

- Steriade, D.: 1993, Closure, release, and nasal contours, in M. Huffman and R. Krakow (eds), *Phonetics and Phonology 5: Nasals, Nasalization, and the Velum*, Academic Press, San Diego, pp. 401–470.
- Steriade, D.: 2000, Paradigm uniformity and the phonetics-phonology interface, in M. Broe and J. Pierrehumbert (eds), *Papers in Laboratory Phonology V: Acquisition and the Lexicon*, Cambridge University Press, Cambridge, UK, pp. 313–335.
- Stevens, K. N.: 1998, *Acoustic Phonetics*, MIT Press, Cambridge, MA.
- Stevenson, S.: 1994, Competition and recency in a hybrid network model of syntactic disambiguation, *Journal of Psycholinguistic Research* **23**(4), 295–322.
- Stevenson, S. and Merlo, P.: 1997, Lexical structure and parsing complexity, *Language and Cognitive Processes* **12**(2/3), 349–399.
- Stolcke, A.: 1995, An efficient probabilistic context-free parsing algorithm that computes prefix probabilities, *Computational Linguistics* **21**(2), 165–202.
- Strand, E. A. and Johnson, K.: 1996, Gradient and visual speaker normalization in the perception of fricatives, in D. Gibbon (ed.), *Natural Language Processing and Speech Technology: Results of the 3rd KONVENS Conference in Bielefeld*, Mouton, Berlin, pp. 14–26.
- Sudbury, A. and Hay, J.: in press, The fall and rise of /r/: Rhoticity and /r/-sandhi in early New Zealand English, *Selected Papers from NWAV 30*.
- Suppes, P.: 1970, Probabilistic grammars for natural languages, *Synthese* **22**, 95–116.
- Suzuki, K. and Jessica Maye, K. O.: 2000, On the productivity of the lexical stratification of Japanese, *Paper presented at the Annual Meeting of the Linguistic Society of America*.
- Svartvik, J.: 1966, *On voice in the English verb*, Mouton, The Hague.
- Swadesh, M.: 1952, Lexico-statistic dating of prehistoric ethnic contacts, *Proceedings of the American Philosophical Society* **96**, 452–463.
- Swadesh, M.: 1955, Towards greater accuracy in lexicostatistic dating, *International Journal of American Linguistics* **21**, 121–137.
- Tabor, W.: 1994, *Syntactic Innovation: A Connectionist Model*, PhD thesis, Stanford University.
- Tabor, W.: 2000, Lexical categories as basins of curvature, MS, University of Connecticut.
- Tabor, W., Juliano, C. and Tanenhaus, M. K.: 1997, Parsing in a dynamical system, *Language and Cognitive Processes* **12**, 211–272.

- Tabossi, P., Spivey-Knowlton, M., McRae, K. and Tanenhaus, M. K.: 1994, Semantic effects on syntactic ambiguity resolution: Evidence for a constraint-based resolution process, in C. Umiltà and M. Moscovitch (eds), *Attention and Performance XV*, Lawrence Erlbaum, Hillsdale, NJ, pp. 589–615.
- Taft, M.: 1979, Recognition of affixed words and the word frequency effect, *Memory and Cognition* **7**, 263–272.
- Tagliamonte, S.: 1999, Was-were variation across the generations: View from the city of New York, *Language Variation and Change* **10**, 153–191.
- Tanenhaus, M. K., Spivey-Knowlton, M. J. and Hanna, J. E.: 2000, Modeling thematic and discourse context effects with a multiple constraints approach: Implications for the architecture of the language comprehension system, in M. W. Crocker, M. Pickering and C. Clifton (eds), *Architectures and Mechanisms for Language Processing*, Cambridge University Press, pp. 90–118.
- Tanenhaus, M. K., Stowe, L. A. and Carlson, G.: 1985, The interaction of lexical expectation and pragmatics in parsing filler-gap constructions, *Proceedings of the 7th Annual Conference of the Cognitive Science Society (COGSCI-85)*, Irvine, CA, pp. 361–365.
- Taylor, L., Grover, C. and Briscoe, E.: 1989, The syntactic regularity of English noun phrases, *EACL* **4**, pp. 256–263.
- Tenenbaum, J. B.: 1999, Bayesian modeling of human concept learning, in M. S. Kearns, S. A. Solla and D. A. Cohn (eds), *Advances in Neural Information Processing Systems*, Vol. 11, MIT Press, Cambridge, MA.
- Tenenbaum, J. B.: 2000, Bayesian modeling of human concept learning, *Advances in Neural Information Processing Systems* **11**.
- Tenenbaum, J. B. and Griffiths, T. L.: 2001a, Generalization, similarity, and bayesian inference, *Behavioral and Brain Sciences* **24**(3), 579–616.
- Tenenbaum, J. B. and Griffiths, T. L.: 2001b, The rational basis of representativeness, *Proceedings of the 23th Annual Conference of the Cognitive Science Society (COGSCI-01)*, Edinburgh.
- Tenenbaum, J. B. and Xu, F.: 2000, Word learning and bayesian inference, *Proceedings of the 22th Annual Conference of the Cognitive Science Society (COGSCI-00)*.
- Tesnière, L.: 1959, *Éléments de Syntaxe Structurale*, Librairie C. Klincksieck, Paris.
- Teuscher, C.: 2001, *Turing's Connectionism. An Investigation of Neural Network Architectures. integrating connectionism and cognitive science*, Springer-Verlag, London.
- Thibault, P. and Daveluy, M.: 1989, Quelques traces du passage du temps dans le parler des montréalais, 1971-1984, *Language Variation and Change* **1**, 19–45.

- Thibault, P. and Sankoff, G.: 1993, Diverses facettes de l'insecurite linguistique: Vers une analyse comparative des attitudes et du francais parle par des franco- et des anglo-montrealais., *Cahiers de l'Institut de Linguistique de Louvain* **19**, 209–218.
- Thomas, E.: 1995, *Phonetic Factors and Perceptual Reanalysis in Sound Change*, PhD thesis, University of Texas at Austin.
- Thomason, R.: 1970, Indeterminist time and truth-value gaps, *Theoria* **36**, 264–281.
- Thomason, R.: 1988, Theories of nonmonotonicity and natural language generics, in M. Krifka (ed.), *Genericity in Natural Language: Proceedings of the 1988 Tübingen Conference*, pp. 395–406. SNS-Bericht 88–42, Seminar für natürlich-sprachliche Systeme, Tübingen University, Germany.
- Tiersma, P. M.: 1982, Local and General Markedness, *Language* **58**, 832–849.
- Toutanova, K. and Manning, C. D.: 2000, Enriching the knowledge sources used in a maximum entropy part-of-speech tagger, *EMNLP/VLC 2000*, pp. 63–70.
- Trask, R. L.: 1979, On the origins of ergativity, in F. Plank (ed.), *Ergativity: Towards a theory of grammatical relations*, Academic Press, London, pp. 385–404.
- Traugott, E. C. and Heine, B.: 1991, *Approaches to Grammaticalization*, John Benjamins, Amsterdam.
- Treiman, R., Kessler, B., Kneewasser, S., Tincoff, R. and Bowman, M.: 2000, English speakers' sensitivity to phonotactic patterns, in M. Broe and J. Pierrehumbert (eds), *Papers in Laboratory Phonology V: Acquisition and the Lexicon*, Cambridge University Press, Cambridge, UK, pp. 269–283.
- Trudgill, P.: 1974, *The Social Differentiation of English in Norwich*, Cambridge University Press, Cambridge.
- Trudgill, P.: 1983, Acts of conflicting identity: The sociolinguistics of British pop-song pronunciation, in P. Trudgill (ed.), *On Dialect: Social and Geographical Perspectives*, Basil Blackwell and NYU Press, Oxford and New York, pp. 141–160.
- Trudgill, P.: 1988, Norwich revisited: Recent linguistic changes in an English urban dialect, *English World-Wide* pp. 33–49.
- Trueswell, J. C.: 1996, The role of lexical frequency in syntactic ambiguity resolution, *Journal of Memory and Language* **35**, 566–585.
- Trueswell, J. C. and Tanenhaus, M. K.: 1994, Toward a lexicalist framework for constraint-based syntactic ambiguity resolution, in C. Clifton, Jr., L. Frazier and K. Rayner (eds), *Perspectives on Sentence Processing*, Lawrence Erlbaum, Hillsdale, NJ, pp. 155–179.

- Trueswell, J. C., Tanenhaus, M. K. and Garnsey, S. M.: 1994, Semantic influences on parsing: Use of thematic role information in syntactic ambiguity resolution, *Journal of Memory and Language* **33**, 285–318.
- Trueswell, J. C., Tanenhaus, M. K. and Kello, C.: 1993, Verb-specific constraints in sentence processing: Separating effects of lexical preference from garden-paths, *Journal of Experimental Psychology: Learning, Memory and Cognition* **19**(3), 528–553.
- Tyler, L. K.: 1984, The structure of the initial cohort: Evidence from gating, *Perception & Psychophysics* **36**(5), 417–427.
- Van den Bosch, A., Daelemans, W. and Weijters, T.: 1996, Morphological analysis as classification: an inductive learning approach, *Proceedings of NEMLAP 1996*, Ankara, pp. 59–72.
- van der Does, J. M. and van Lambalgen, M.: 2000, A logic of vision, *Linguistics and Philosophy* **23**(1), 1–92.
- van Fraassen, B. C.: 1969, Presuppositions, Supervaluations and Free Logic, in K. Lambert (ed.), *The Logical Way of Doing Things*, Yale University Press, New Haven, pp. 67–91.
- van Fraassen, B. C.: 1976, Probabilities of conditionals, in W. L. Harper and C. A. Hooker (eds), *Foundations of Probability Theory, Statistical Inference, and Statistical Theories of Science*, Vol. 1, Reidel, Dordrecht.
- van Fraassen, B. C.: 1980, *The Scientific Image*, Oxford University Press, Oxford.
- van Hout, R.: 1984, The need for theory of choice in sociolinguistics, *Linguistische Berichte* **90**, 39–57.
- Vater, H.: 1978, On the possibility of distinguishing between complements and adjuncts, in W. Abraham (ed.), *Valence, Semantic Case and Grammatical Relations*, John Benjamins, Amsterdam, pp. 21–45.
- Venables, W. N. and Ripley, B. D.: 1994, *Modern Applied Statistics with S-Plus*, Springer, New York.
- Verspoor, C. M. : 1997, *Contextually-Dependent Lexical Semantics*, PhD thesis, Edinburgh.
- Vihman, M. M.: 1996, *Phonological Development: The Origins of Language in the Child*, Blackwell Publishers, Cambridge, MA.
- Vincent, D.: 1991, Quelques etudes sociolinguistiques de particules du discours, *Revue Quebecoise de Linguistique Theorique et Appliquee* **10**, 41–60.
- Vitevich, M. and Luce, P.: 1998, When words compete: Levels of processing in perception of spoken words, *Psychological Science* **9**, 325–329.
- Vitevich, M., Luce, P., Pisoni, D. and Auer, E. T.: 1999, Phonotactics, neighborhood activation and lexical access for spoken words, *Brain and Language* **68**, 306–311.

- von Mises, R.: 1957, *Probability, Statistics and Truth*, Macmillan, New York. Original German edition published 1928.
- Wallis, S. A., Aarts, B. and Nelson, G.: 1999, Parsing in reverse – exploring ICE-GB with fuzzy tree fragments and ICECUP, in J. M. Kirk (ed.), *Corpora Galore: papers from the 19th International Conference on English Language Research on Computerised Corpora, ICAME-98*, Rodopi, Amsterdam, pp. 335–344.
- Wasow, T.: 1997, Remarks on grammatical weight, *Language Variation and Change* **9**, 81–105.
- Way, A.: 1999, A hybrid architecture for robust MT using LFG-DOP, *Journal of Experimental and Theoretical Artificial Intelligence* **11**, 201–233.
- Wechsler, S. and Lee, Y.-S.: 1996, The domain of direct case assignment, *Natural Language and Linguistic Theory* **14**, 629–664.
- Weiner, E. J. and Labov, W.: 1983, Constraints on the agentless passive, *Journal of Linguistics* **19**, 29–58.
- Weinreich, U., Labov, W. and Herzog, M.: 1968, Empirical foundations for a theory of language change, in W. Lehmann and Y. Malkiel (eds), *Directions for Historical Linguistics*, University of Texas Press, Austin, TX, pp. 95–188.
- Werker, J. and Tees, R. C.: 1994, Cross-language speech perception: Evidence for perceptual reorganization during the first year of life, *Infant Behavior and Development* **7**, 49–63.
- Westerståhl, D.: 1985, Logical constants in quantifier languages, *Linguistics and Philosophy* **8**, 387–413.
- Wetherell, C.: 1980, Probabilistic languages: A review and some open questions, *Computing Surveys* **12(4)**, 361–379.
- Whalen, D. H. and Sheffert, S.: 1997, Normalization of vowels by breath sounds, in K. Johnson and J. Mullenix (eds), *Talker variability in speech processing*, Academic Press, San Diego, pp. 133–144.
- Whaley, C. P.: 1978, Word-nonword classification time, *Journal of Verbal Learning and Verbal Behavior* **17**, 143–154.
- Wingfield, A.: 1968, Effects of frequency on identification and naming of objects, *American Journal of Psychology* **81**, 226–234.
- Withgott, M.: 1983, *Segmental Evidence for Phonological Constituents*, PhD thesis, University of Texas, Austin.
- Wolfram, W.: 1974, *Sociolinguistic Aspect of Assimilation: Puerto Rican English in New York City*, Center for Applied Linguistics, Arlington, VA.

- Wolfram, W.: 1991, The linguistic variable: Fact and fantasy, *American Speech* **66**, 22–31.
- Wolfram, W., Hazen, K. and Schilling-Estes, N.: 1999, Dialect change and maintenance on the outer banks, *Technical Report 81*, Publication of the American Dialect Society, Tuscaloosa: University of Alabama Press.
- Wolfson, N.: 1976, Speech events and natural speech: Some implications for sociolinguistic methodology, *Language in Society* **5**, 189–209.
- Wright, R.: 1997, Lexical competition and reduction in speech: A preliminary report., Research on Spoken Language Processing: Progress Report 21, Bloomington, IN: Indiana University.
- Yaeger-Dror, M.: 1996, Phonetic evidence for the evolution of lexical classes: The case of a Montreal French vowel shift, in G. Guy, C. Feagin, J. Baugh and D. Schiffrin (eds), *Towards a Social Science of Language*, John Benjamins Publishers, Philadelphia, pp. 263–287.
- Yaeger-Dror, M. and Kemp, W.: 1992, Lexical classes in Montreal French, *Language and Speech* **35**, 251–293.
- Yang, C.: 2000, Internal and external forces in language change, Manuscript.
- Young, R. and Bayley, R.: 1989, VARBRUL analysis for second language acquisition research, in R. Bayley and D. Preston (eds), *Second Language Acquisition and Linguistic Variation*, John Benjamins, Amsterdam, Philadelphia, pp. 253–306.
- Young, R. and Yandell, B.: 1999, Top-down versus bottom-up analyses of interlanguage data: A reply to Saito, *Studies in Second Language Acquisition* **21**, 477–488.
- Zaenen, A.: 1993, Unaccusativity in Dutch: Integrating syntax and lexical semantics, in J. Pustejovsky (ed.), *Semantics and the Lexicon*, Kluwer, London, pp. 129–161.
- Zamuner, T., Gerken, L. and Hammond, M.: 2001, Phonotactic probability in the acquisition of English, Poster presented at Journées d'études sur l'Acquisition Phonologique Précoce, Carry-le-Rouet (Marseille), (Abstract downloadable from <http://www.ehess.fr/centres/lscp/persons/peperkamp/Zamuner.htm>).
- Zuraw, K.: 2000, *Patterned Exceptions in Phonology*, PhD thesis, University of California, Los Angeles. (Downloadable from <http://www-rcf.usc.edu/~zuraw>).