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Direct and indirect speech in aphasia

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REFERENCES

- Abuom, T. O., Shah, E., & Bastiaanse, R. (2013). Sentence comprehension in Swahili-English bilingual agrammatic speakers. *Clinical Linguistics & Phonetics*, 27, 355-370. doi:10.3109/02699206.2013.775346
- Akaike, H. (1974). A new look at the statistical model identification. *IEEE Transactions on Automatic Control*, 19, 716-723. doi:10.1007/978-1-4612-1694-0_16
- Armstrong, E., Ciccone, N., Godecke, E. & Kok, B. (2011). Monologues and dialogues in aphasia: Some initial comparisons. *Aphasiology*, 25, 1347-1371. doi:10.1080/02687038.2011.577204
- Baayen, R. H. (2008). *Analyzing linguistic data. A practical introduction to statistics using R*. New York, NY: Cambridge University Press.
- Baayen, R. H., Davidson, D. J. & Bates, D. M. (2008). Mixed-effects modeling with crossed random effects for subjects and items. *Journal of Memory and Language*, 59, 390-412. doi:10.1016/j.jml.2007.12.005
- Barefoot, S., Bochner, J., Johnson, B. & vom Eigen, B. (1993). Rating deaf speakers' comprehensibility: An exploratory investigation. *American Journal of Speech-Language Pathology*, 2, 31-35. doi:10.1044/1058-0360.0203.31
- Bastiaanse, R (2010). *Afasie*. Houten: Bohn Van Loghum Slaterus.
- Bastiaanse, R. (2011). The retrieval and inflection of verbs in the spontaneous speech of fluent aphasic speakers. *Journal of*

Neurolinguistics, 24, 163–172. doi:10.1016/j.jneuroling.2010.02.006

Bastiaanse, R., Bergh, N. van den, Hurkmans, J. & Jonkers, R. (2006). *Vertaling in en aanpassing aan het Fries van Nederlandstalig Diagnostisch Materiaal voor Volwassenen met Taalstoornissen*. Groningen: University of Groningen.

Bastiaanse, R., Edwards, S. & Kiss, K. (1996). Fluent aphasia in three languages: Aspects of spontaneous speech. *Aphasiology*, 10, 561–575. doi:10.1080/02687039608248437

Bastiaanse, R., Hugen, J., Kos, M., & van Zonneveld, R. (2002). Lexical, morphological and syntactic aspects of verb production in Dutch agrammatic aphasics. *Brain and Language*, 80, 142–159. doi:10.1006/brln.2001.2585

Bastiaanse, R. & van Zonneveld, R. (2006). Comprehension of passives in Broca's aphasia. *Brain and Language*, 96, 135–142. doi:10.1016/j.bandl.2005.06.012

Beeke, S., Wilkinson, R. & Maxim, J. (2003). Exploring aphasic grammar 1: A single case analysis of conversation. *Clinical Linguistics and Phonetics*, 17, 81–108. doi:10.1080/0269920031000061795

Berko-Gleason, J., Goodglass, H., Obler, L., Green, E., Hyde, M. & Weintraub, S. (1980). Narrative strategies of aphasic and normal-speaking subjects. *Journal of Speech & Hearing Research*, 23, 370–382. doi:10.1044/jshr.2302.370

Biber, D., Johansson, S., Leech, G., Conrad, S., & Finegan, E. (1999). *Longman grammar of spoken and written English*. Harlow: Pearson Education.

Bohan, J., Sanford, A. J., Cochrane, S. & Sanford, A. J. S. (2008). *Direct and indirect speech modulates depth of processing*. Paper presented at the 14th Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP), Cambridge, UK.

Boxum, E. & Zwaga, M. (2007). *ASTA: Analyse voor Spontane Taal bij Afasie. Standaard volgens de VKL* (unpublished).

Brookshire, R. H. (1978). Auditory comprehension in aphasia. In

- D. F. Johns (Ed.), *Clinical management of neurogenic communication disorders*. Boston, MA: Little, Brown.
- Brookshire, R. H. & Nicholas, L. E. (1984). Comprehension of directly and indirectly stated main ideas and details in discourse by brain-damaged and non-brain-damaged listeners. *Brain and Language*, 21, 21-36. doi:10.1016/0093-934X(84)90033-6
- Brookshire, R. H. & Nicholas, L. E. (1993). *The discourse comprehension test*. Tucson, AZ: Communication Skill Builders, A Division of the Psychological Corporation.
- Brown, P. & Levinson, S. (1978). Universals in language usage: politeness phenomena. In E. N. Goody (Ed.), *Questions and politeness* (pp. 56-289). Cambridge, UK: Cambridge University Press.
- Burchert, F., Hanne, S. & Vasishth, S. (2013). Sentence comprehension disorders in aphasia: The concept of chance performance revisited. *Aphasiology*, 27, 112-125. doi:10.1080/02687038.2012.730603
- Button, G. & Lee, J. (1987). *Talk and social organization*. Philadelphia, PA: Multilingual Matters.
- Caplan, D. (1992). *Language: Structure, processing, and disorders*. Cambridge, MA: MIT Press.
- Chafe, W. (1982). Integration and involvement in speaking, writing and oral literature. In D. Tannen (Ed.), *Spoken and written language: Exploring orality and literacy* (pp. 35-53). Norwood, NJ: Ablex.
- Chafe, W. (1992). Discourse: An overview. In W. Bright (Ed.), *International encyclopedia of linguistics* (pp. 356-358). New York: Oxford University Press.
- Chapman, S. B., & Ulatowska, H. K. (1992). The nature of language disruption in dementia: Is it aphasia? *Texas Journal of Audiology and Speech Pathology*, 17, 3-9.
- Clark, H. & Gerrig, R. (1990). Quotations as demonstrations. *Language*, 66, 764-805. doi:10.2307/414729

Coulmas, F. (1986a). *Direct and indirect speech (Trends in linguistics; Studies and monographs 31)*. New York, NY: Mouton de Gruyter.

Coulmas, F. (1986b). Direct and indirect speech in Japanese. In C. Coulmas (Ed.), *Direct and indirect speech* (pp. 161-178). Berlin: Mouton de Gruyter.

Couper-Kuhlen, E. (1998). Coherent voicing: On prosody in conversational reported speech. In W. Bublitz & U. Lenk (Eds.), *Coherence in spoken and written discourse: How to create it and how to describe it* (pp. 11–32). Amsterdam, The Netherlands: John Benjamins. doi:10.1075/pbns.63.05cou

DeDe, G. (2012). Lexical and prosodic effects on syntactic ambiguity resolution in aphasia. *Journal of Psycholinguistic Research*, 41, 387–408. doi:10.1007/s10936-011-9191-1

Den Dikken, M. (1996). The minimal links of verb (projection) raising. In W. Abraham, S. Epstein, H. Thráinsson & J.W. Zwart (Eds.), *Minimal Ideas* (pp. 67-96). Amsterdam: John Benjamins. doi:10.1075/la.12.05dik

Derwing, T.M. & Munro, M.J. (2009). Comprehensibility as a factor in listener interaction preferences: implications for the workplace. *Canadian Modern Language Review*, 66, 181-202. doi:10.3138/cmlr.66.2.181

Drager, K. (2013). Experimental methods in sociolinguistics. In J. Holmes and K. Hazen (Eds.), *Research Methods in Sociolinguistics: A practical guide* (pp. 58-73). Hoboken, NJ: Wiley-Blackwell.

Edwards, S. & Bastiaanse, R. (1998). Diversity in the lexical and syntactic abilities of fluent aphasic speakers. *Aphasiology*, 12, 99-117. doi:10.1080/02687039808250466

Eerland, A., Engelen, J. A. A. & Zwaan, R.A. (2013). The influence of direct and indirect speech on mental representations. *PLoS One*, 8, e65480. doi:10.1371/journal.pone.0065480

Ellis, W. & Young, A. (1988). *Human cognitive*

- neuropsychology*. Hove, UK: Lawrence Erlbaum Associates Ltd. doi:10.4324/9780203727041
- Ferstl, E. Walther, K., Guthke, T., & Von Cramon, D. (2005). Assessment of story comprehension deficits after brain damage. *Journal of Clinical and Experimental Neuropsychology*, 27, 367-384. doi:10.1080/13803390490515784
- Feyereisen, P. (1991). Communicative behaviour in aphasia. *Aphasiology*, 5, 323-333. doi:10.1080/02687039108248533
- Flesch, R. (1948). A new readability yardstick. *Journal of Applied Psychology*, 32, 221-233. doi:10.1037/h0057532
- Fletcher, M. & Birt, D. (1983). *Storylines: Picture sequences for language practice*. London: Longman.
- Frazier, L. (1987). Sentence processing: A tutorial review. In M. Coltheart (Ed.), *Attention and performance XII: The psychology of reading* (pp. 561-586). East Sussex, U.K.: Erlbaum.
- Germani, M. J., & Pierce, R. S. (1992). Contextual influences in reading comprehension in aphasia. *Brain and Language*, 42, 308-319. doi:10.1016/0093-934X(92)90103-1
- Glosser, G. & Deser, T. (1991). Patterns of discourse production among neurological patients with fluent language disorders. *Brain and Language*, 40, 67-88. doi:10.1016/0093-934X(91)90117-j
- Gobron, S., Ahn, J., Garcia, D., Silvestre, Q., Thalmann, D. & Boulic, R. (2012). An event-based architecture to manage virtual human non-verbal communication in 3D chatting environment. In *Proceedings of the VII Conference on Articulated Motion and Deformable Objects AMDO 2012* (pp. 58-68). Berlin: Springer. doi:10.1007/978-3-642-31567-1_6
- Goodglass, H., Berko-Gleason, J. B. & Hyde, M. R. (1970). Some dimensions of auditory language comprehension in aphasia. *Journal of Speech and Hearing Research*, 13, 595-606. doi:10.1044/jshr.1303.595
- Goodglass, H., Kaplan, E., & Barresi, B. (2001). *The Boston*

Diagnostic Aphasia Examination (BDAE) (3rd ed.). Philadelphia: Lippincott Williams & Wilkins.

Goodwin, Ch. (1995). Co-constructing meaning in conversations with an aphasic man. *Research on Language and Social Interaction*, 28, 233-260. doi:10.1207/s15327973rlsi2803_4

Goodwin, Ch. (Ed.). (2003). *Conversation and brain damage*. Oxford, UK: Oxford University Press.

Goodwin, M. H. (1990). *He-said-she-said: Talk as social organisation among black children*. Bloomington, IN: Indiana University Press.

Graesser, A. C., Singer, M. & Trabasso, T. (1994). Constructing inferences during narrative text comprehension. *Psychological Review*, 101, 371-395. doi:10.1037//0033-295X.101.3.371

Graetz, P., De Bleser, R., Willmes, K. & Heeschen, C. (1992). De Akense Afasie Test: Constructie van de Nederlandstalige versie van de AAT. *Logopedie en Foniatrie*, 63, 58-65.

Groenewold, R., Bastiaanse, R. & Huiskes, M. (2012). Kom op! Brek 'm de poaten! Directe rede bij afasie. *Logopedie en Foniatrie*, 6, 184 – 190.

Groenewold, R., Bastiaanse, R. & Huiskes, M. (2013). Direct speech constructions in aphasic Dutch narratives. *Aphasiology*, 27, 546-567. doi:10.1080/02687038.2012.742484

Groenewold, R., Bastiaanse, R., Nickels, L. & Huiskes, M. (2014). Perceived liveliness and speech comprehensibility in aphasia: The effects of direct speech in auditory narratives. *International Journal of Language & Communication Disorders*, 49, 486-497. doi:10.1111/1460-6984.12080

Groenewold, R., Bastiaanse, R., Nickels, L., Wieling, M., & Huiskes, M. (2014). The effects of direct and indirect speech on discourse comprehension in Dutch listeners with and without aphasia. *Aphasiology*, 28, 862-884. doi:10.1080/02687038.2014.902916

Groenewold, R., Bastiaanse, R., Nickels, L., Wieling, M. &

- Huiskes, M. (2014). The differential effects of direct and indirect speech on discourse comprehension in Dutch and English listeners with and without aphasia. *Aphasiology*. Advanced online publication. doi:10.1080/02687038.2014.977217.
- Guthke, T., Hauptmann, A., & Ferstl, E. C. (2001). Empirische Untersuchung zur Textverarbeitung bei hirngeschädigten Patienten [Empirical studies on text comprehension after brain damage]. *Aphasie und verwandte Gebiete*, 15, 29–41.
- Hengst, J. A., Frame, S. R., Neuman-Stritzel, T., & Gannaway, R. (2005). Using others' words: Conversational use of reported speech by individuals with aphasia and their communication partners. *Journal of Speech, Language & Hearing Research*, 48, 137–156. doi:10.1044/1092-4388(2005/011)
- Hincks, R. (2005). Measures and perceptions of liveliness in student oral presentation speech: A proposal for an automatic feedback mechanism. *System*, 33, 575–591. doi:10.1016/j.system.2005.04.002
- Holland, A. L. (1977). Some practical considerations in aphasia rehabilitation. In M. Sullivan & M. Kommers (Eds.), *Rationale for adult aphasia therapy* (pp. 167–179). Omaha: University of Nebraska Medical Center.
- Holt, E. (1996). Reporting on talk: The use of direct reported speech in conversation. *Research on Language and Social Interaction*, 29, 219–245. doi:10.1207/s15327973rlsi2903_2
- Holt, E. (2000). Reporting and reacting: Concurrent responses to reported speech. *Research on Language and Social Interaction*, 33, 425–454. doi:10.1207/s15327973rlsi3304_04
- Huber, W. (1990). Text comprehension and production in aphasia: Analysis in terms of micro- and macrostructure. In Y. Joanette & H. H. Brownell (Eds.), *Discourse ability and brain damage: Theoretical and empirical perspectives* (pp. 154–179). New York: Springer-Verlag. doi:10.1007/978-1-4612-3262-9_7
- Jäger, A. (2007). Coding strategies of indirect reported speech

in typological perspective. *University of Queensland working papers in linguistics*, 1, 1-20.

Jonkers, R. & Bastiaanse, R. (2007). Action naming in anomia aphasic speakers: Effects of instrumentality and name relation. *Brain and Language*, 102, 262-272. doi:10.1016/j.bandl.2007.01.002

Jonkers, R. (1998). *Comprehension and production of verbs in aphasic speakers*. Groningen: Groningen Dissertations in Linguistics, Grotbil (25).

Kempler D. (2004). *Neurocognitive disorders in aging*. Thousand Oaks, CA: Sage Publications.

Koster, J. (1975). Dutch as an SOV Language. *Linguistic Analysis*, 1, 111-136.

Koster, J. (1994). Predicate incorporation and the word order of Dutch. In G. Cinque, J. Koster, J.-Y. Pollock, L. Rizzi, & R. Zanuttini (Eds.), *Paths towards universal grammar. Studies in honor of Richard Kayne* (pp. 255-277). Washington DC: Georgetown University Press.

Labov, W. (1972). *Language in the city. Studies in the Black English vernacular*. Philadelphia: University of Pennsylvania Press.

Lambert, W.E., Hodgson, R.C., Gardner, R.C. & Fillenbaum, S. (1960). Evaluational reactions to spoken language. *Journal of Abnormal and Social Psychology*, 60, 44-51.

Lehrer, A. (1989). Remembering and presenting prose: Quoted speech as a data source. *Discourse Processes*, 12, 105-125. doi:10.1080/01638538909544721

Levelt, W. J. M. (1989). *Speaking: From intention to articulation*. Cambridge, MA: MIT Press.

Levy, J., Hoover, E., Waters, G., Kiran, S., Caplan, D. Berardino, A. & Sandberg, C. (2012). Effects of syntactic complexity, semantic reversibility, and explicitness on discourse comprehension in persons with aphasia and in healthy controls. *American Journal of Speech-Language Pathology*, 21, S154-S165. doi:10.1044/1058-0360(2012/11-0104)

- Li, C. (1986). Direct and indirect speech: A functional study. In F. Coulmas (Ed.), *Direct and indirect speech* (pp. 29-45). Berlin, Germany: Mouton de Gruyter.
- Lind, M. (2002). The use of prosody in interaction: Observations from a case study of a Norwegian speaker with a non-fluent type of aphasia. In F. Windsor, M.L. Kelly & N. Hewlett (Eds.), *Investigations in clinical phonetics and linguistics* (pp. 373-389). Mahwah, NJ: Lawrence Erlbaum Associates Inc.
- Llinàs-Grau, M. & Martínez-Ferreiro, S. (2014). On the presence and absence of that in aphasia. *Aphasiology*, 28, 62-81. doi:10.1080/02687038.2013.828345
- Macaulay, R. (1987). Polyphonic monologues: Quoted direct speech in oral narratives. *IPRA Papers in Pragmatics*, 1, 1-34.
- Mason-Baughman, M. B. & Wallace, S.E. (2013). Semantic feature knowledge in persons with aphasia: The role of commonality, distinctiveness, and importance. *Aphasiology*, 27, 364-380. doi:10.1080/02687038.2012.730602
- Mayes, P. (1990). Quotation in spoken English. *Studies in Language*, 14, 325-363. doi:10.1075/sl.14.2.04may
- Menn, L., O'Connor, M., Obler, L., & Holland, A. (1995). *Non-fluent aphasia in a multilingual world*. Amsterdam: John Benjamins. doi:10.1075/sspcl.5
- Menn, L., Ramsberger, N. & Helm-Estabrooks, N. (1994). A linguistic communication measure for aphasic narratives. *Aphasiology*, 8, 343-359. doi:10.1080/02687039408248664
- Miller, N., Willmes, K. & De Bleser, R. (2010). The psychometric properties of the English language version of the Aachen Aphasia Test (EAAT). *Aphasiology*, 14, 683-722. doi:10.1080/026870300410946
- Nicholas, L. E. & Brookshire, R. H. (1995). Comprehension of spoken narrative discourse by adults with aphasia, right-hemisphere brain damage, or traumatic brain injury. *American Journal of Speech-Language Pathology*, 4, 69-81. doi:10.1044/1058-0360.0403.69

Nicholas, L. E., & Brookshire, R. H. (1993). A system for quantifying the informativeness and efficiency of the connected speech of adults with aphasia. *Journal of Speech and Hearing Research, 36*, 338–350. doi:10.1044/jshr.3602.338

Nickels, L.A., & Howard, D. (1995). Aphasic naming: What matters? *Neuropsychologia, 33*, 1281-1303. doi:10.1016/0028-3932(95)00102-9

Oelschlaeger, M. L., & Thorne, J. C. (1999). Application of the correct information unit analysis to the naturally occurring conversation of a person with aphasia. *Journal of Speech, Language, and Hearing Research, 42*, 636–648. doi:10.1044/jslhr.4203.636

Pascual, E. (2002). *Imaginary trialogues: Conceptual blending and fictive interaction in criminal courts*. Utrecht, The Netherlands: LOT.

Pascual, E. (2006). Fictive interaction within the sentence: A communicative type of fictivity in grammar. *Cognitive Linguistics, 17*, 245-267. doi:10.1515/cog.2006.006

Pashek, G. V. (1977). *The effects of linguistic stress on language comprehension performance of aphasic patients* (Unpublished thesis). University of Minnesota, Minneapolis, MN.

Pashek, G. V. & Brookshire, R. H. (1982). Effects of rate of speech and linguistic stress on auditory paragraph comprehension of aphasic individuals. *Journal of Speech and Hearing Research, 25*, 377-383. doi:10.1044/jshr.2503.377

Pierce, R. & Grogan, S. (1992). Improving listening comprehension for narratives. In R. Peach (Ed.), *Clinics in communication disorders: Aphasia*. Reading, MA: Andover Medical.

Prins, R. &, Bastiaanse, R., (2004). Analysing the spontaneous speech of aphasic speakers. *Aphasiology, 18*, 1075-1091.

Romaine, S. & Lange, D. (1991). The use of like as a marker of reported speech and thought: A case of grammaticalization in progress. *American Speech, 66*, 227-279. doi:10.2307/455799

- Ruiter, M. B., Kolk, H. H. J. & Rietveld, A. C. M. (2010). Speaking in ellipses: The effect of a compensatory style of speech on functional communication in chronic agrammatism. *Neuropsychological Rehabilitation*, 20, 423–458. doi:10.1080/09602010903399287.
- Saffran, E., Berndt, R. S., & Schwartz, M. (1989). The quantitative analysis of agrammatic production: Procedure and data. *Brain and Language*, 37, 440–479. doi:10.1016/0093-934X(89)90030-8
- Sams, J. (2010). Quoting the unspoken: An analysis of quotations in spoken discourse. *Journal of Pragmatics*, 42, 3147–3160. doi:10.1016/j.pragma.2010.04.024
- Scaglione, A. (1981). *The theory of German word order from the renaissance to the present*. Minneapolis: University of Minnesota Press.
- Schuell, H., Jenkins, J. & Jimenez-Pabon, E. (1965). *Aphasia in adults*. New York, NY: Harper & Row.
- Semino, E. & Short, M. (2004). *Corpus stylistics: Speech, writing and thought presentation in a corpus of English writing*. London: Routledge.
- Simmons, K., & LeCouteur, A. (2011). ‘Hypothetical active-voicing’: Therapists ‘modelling’ of clients’ future conversations in CBT interactions. *Journal of Pragmatics*, 43, 3177–3192. doi:10.1016/j.pragma.2011.06.002
- Simmons-Mackie, N. & Damico, J. (1995). Communicative competence in aphasia: Evidence from compensatory strategies. *Clinical Aphasiology*, 23, 95–105.
- Sinclair, J. (Ed.) (1995). *Collins COBUILD English Language Dictionary*. London: HarperCollins.
- Singer, M. (1994). Discourse inference processes. In M. A. Gernsbacher (Ed.), *Handbook of psycholinguistics* (pp. 479–515). San Diego, CA: Academic Press.
- Soukup, B. (2013). ‘Matched guise technique’ vs. ‘Open guise technique’ in the elicitation of language attitudes: Insights from a

comparative study. Paper presented at Experimental Approaches to Perception and Production of Language Variation (ExAPP) 2, University of Copenhagen.

Streeck, J., & Knapp, M. L. (1992). The interaction of visual and verbal features in human communication. In F. Poyatos (Ed.), *Advances in non-verbal communication: Sociocultural, clinical, esthetic and literary perspectives* (pp. 3-23). Amsterdam, The Netherlands: John Benjamins. doi:10.1075/z.60.06str

Tannen, D. (1986). Introducing constructed dialogue in Greek and American conversational and literary narrative. In F. Coulmas (Ed.), *Direct and Indirect Speech* (pp. 311-332). Berlin, Germany: Mouton de Gruyter. doi:10.1515/9783110871968.311

Tannen, D. (1989). *Talking voices: Repetition, dialogue, and imagery in conversational discourse*. Cambridge, UK: Cambridge University Press.

Ulatowska, H. K. (1981). Neurolinguistic approaches to aphasia. *Seminars in Speech, Language and Hearing*, 2, 269-281. doi:10.1055/s-0028-1095022

Ulatowska, H. K., & Chapman, S. B. (1994). Macrostructure in aphasia. In R. L. Bloom, L. K. Obler, S. De Santi, & J. S. Ehrlich (Eds.), *Discourse analysis and applications: Studies in adult clinical populations* (pp. 29-46). Hillsdale, NJ: Lawrence Erlbaum.

Ulatowska, H. K., & Olness, G. S. (2003). On the nature of direct speech in narrative of African Americans with aphasia. *Brain and Language*, 87, 69-70. doi:10.1016/s0093-934x(03)00202-5

Ulatowska, H. K., Reyes, B. A., Santos, T. O., & Worle, C. (2011). Stroke narratives in aphasia: The role of reported speech. *Aphasiology*, 25, 93-105. doi:10.1080/02687031003714418

Ulatowska, H. K. & Sadowska, M. (1992). Some observations on aphasic texts. In S. J. Hwang & W. R. Merrifield (Eds.), *Language in context: Essays for Robert E. Longacre* (pp. 51-66). Arlington: The Summer Institute of Linguistics and the University of Texas at

Arlington.

Vermeulen, J., Bastiaanse, R., & van Wageningen, B. (1989). Spontaneous speech in aphasia: A correlational study. *Brain and Language*, 36, 252-274. doi:10.1016/0093-934X(89)90064-3

Wegner, M. L., Brookshire, R. H. & Nicholas, L. E. (1984). Comprehension of main ideas and details in coherent and noncoherent discourse by aphasic and nonaphasic listeners. *Brain and Language*, 21, 37-51. doi:10.1016/0093-934X(84)90034-8

Wierzbicka, A. (1974). The semantics of direct and indirect discourse. *Papers in Linguistics*, 7, 267-307. doi:10.1080/08351817409370375

Wilkinson, R., Beeke, S., & Maxim, J. (2010). Formulating actions and events with limited linguistic resources: Enactment and iconicity in agrammatic aphasic talk. *Research on Language & Social Interaction*, 43, 57-84. doi:10.1080/08351810903471506

Yao, B., Belin, P. & Scheepers, C. (2011). Silent reading of direct versus indirect speech activates voice-selective areas in the auditory cortex. *Journal of Cognitive Neuroscience*, 23, 3146-3152. doi:10.1162/jocn_a_00022

Yao B., Belin, P. & Scheepers, C. (2012). Brain “talks over” boring quotes: Top-down activation of voice-selective areas while listening to monotonous direct speech quotations. *NeuroImage*, 60, 1832-1842. doi:10.1016/j.neuroimage.2012.01.111

Yao, B. & Scheepers, C. (2011). Contextual modulation of reading rate for direct versus indirect speech quotations. *Cognition*, 121, 447-453. doi:10.1016/j.cognition.2011.08.007

Yarbay Duman, T., Altinok, N., Özgirgin, N. & Bastiaanse, R. (2011). Sentence comprehension in Turkish Broca’s aphasia: An integration problem. *Aphasiology*, 25, 908–926. doi:10.1080/02687038.2010.550629

Yorkston, K. M., & Beukelman, D. R. (1980). An analysis of connected speech samples of aphasic and normal speakers. *Journal of*

Speech and Hearing Disorders, 45, 27–36. doi:10.1044/jshd.4501.27

Zwart, C. J. W. (1994). Dutch is head-initial. *The Linguistic Review*, 11, 377-406. doi:10.1515/tlir.1994.11.3-4.377

Zwart, C. J. W. (1997). *Morphosyntax of verb movement: A minimalist approach to the syntax of Dutch*. Dordrecht: Kluwer Academic.

Zwart, C.J.W. (2011). *The syntax of Dutch*. Cambridge: Cambridge University Press.