

Referensi

- Abtahian, M. R., Cohn, A. C., Djenar, D. N., & Vogel, R. C. (2021). Jakarta Indonesian first-person singular pronouns Form, function and variation. *Asia-Pacific Language Variation*, 7(2), 186–215. <https://doi.org/10.1075/aplv.20012.rav>
- Agha, A. (1994). Honorification. *Annual Review of Anthropology*, 23, 277–302.
- Allott, N., & Wilson, D. (2021). *Chomsky and Pragmatics* (N. Allot, T. Lohndal, & G. Rey, Eds.; First Edition, pp. 433–447). Wiley.
<https://doi.org/https://doi.org/10.1002/9781119598732.ch27>
- Augurzky, P., Franke, M., & Ulrich, R. (2019). Gricean expectations in online sentence comprehension: An ERP study on the processing of scalar inferences. *Cognitive Science*, 43(8). <https://doi.org/10.1111/cogs.12776>
- Aygüneş, M. (2023). The processing of phi-features in sentences with third-person pronoun: An ERP study in Turkish. *Dilbilim Arastirmalari Dergisi*, 34(2), 255–284.
<https://doi.org/10.18492/dad.1217864>
- Beres, A. M. (2017). Time is of the essence: A Review of electroencephalography (EEG) and event-related brain potentials (ERPs) in language research. *Applied Psychophysiology Biofeedback*, 42(4), 247–255. <https://doi.org/10.1007/s10484-017-9371-3>
- Bohan, J., Leuthold, H., Hijikata, Y., & Sanford, A. J. (2012). The processing of good-fit semantic anomalies: An ERP investigation. *Neuropsychologia*, 50(14), 3174–3184.
<https://doi.org/10.1016/j.neuropsychologia.2012.09.008>
- Brown, R., & Gilman Albert. (1968). The Pronouns of Power and Solidarity. In *Reading in the Sociology of Language* (pp. 252–281). Mouton .
- Casmini. (2011). *Kecerdasan Emosi dan Kepribadian Sehat dalam Konteks Budaya Jawa di Yogyakarta*. Universitas Gadjah Mada.
- Cui, H., Jeong, H., Okamoto, K., Takahashi, D., Kawashima, R., & Sugiura, M. (2022). Neural correlates of Japanese honorific agreement processing mediated by socio-pragmatic factors: An fMRI study. *Journal of Neurolinguistics*, 62.
<https://doi.org/10.1016/j.jneuroling.2021.101041>
- Delorme, A., & Makeig, S. (2004). EEGLAB: An open source toolbox for analysis of single-trial EEG dynamics including independent component analysis. *Journal of Neuroscience Methods*, 134(1), 9–21. <https://doi.org/10.1016/j.jneumeth.2003.10.009>
- Djenar, D. N. (2006). Patterns and variation of address terms in colloquial Indonesian. *Australian Review of Applied Linguistics*, 29(2), 1–22. <https://doi.org/10.2104/aryl0622>
- Djenar, D. N. (2007). Self-reference and its variation in Indonesian. *Electronic Journal of Foreign Language Teaching*, 4(1), 23–40.

- Djenar, D. N. (2008). Which self? Pronominal choice, modernity, and self-categorizations. *International Journal of the Sociology of Language*, 189, 31–54. <https://doi.org/10.1515/IJSL.2008.002>
- Djenar, D. N. (2024). Personal pronouns and noun phrases as shifters in Southeast Asia languages. In *The Routledge Handbook of Pronouns* (p. 139). Routledge. <https://doi.org/http://dx.doi.org/10.4324/9781003349891>
- Djenar, D. N., & Ewing, M. C. (2015). Language varieties and youthful involvement in Indonesian fiction. *Language and Literature*, 24(2), 108–128. <https://doi.org/10.1177/0963947015573387>
- Djenar, D. N., Ewing, M. C., & Manns, H. (2018). *Style and Intersubjectivity in Youth Interaction* (O. García & F. M. Hult, Eds.; Vol. 108). De Gruyter Mouton.
- Effendy, O. U. (1993). *Human Relations dan Public Relatiions*. Mandar Maju.
- Filik, R., Sanford, A. J., & Leuthold, H. (2008). Processing Pronouns without antecedents: Evidence from event-related brain potentials. *Journal of Cognitive Neuroscience*, 7(20), 1315–1326. <https://doi.org/10.1162/jocn.2008.20090>
- Fuseda, K., Watanabe, H., Matsumoto, A., Saito, J., Naruse, Y., & Ihara, A. S. (2022). Impact of depressed state on attention and language processing during news broadcasts: EEG analysis and machine learning approach. *Scientific Reports*, 12(1). <https://doi.org/10.1038/s41598-022-24319-x>
- Geirnaert, S. (2022). *Signal Processing Algorithms for EEG-based Auditory Attention Decoding*.
- Hanani, I. (2022). Honorifik bahasa korea dan bahasa indonesia. *JLA (Jurnal Lingua Applicata)*, 5(2), 103–117. <https://doi.org/10.22146/jla.72401>
- Harley, T. A. (2014). *The Psychology of Language from Data to Theory* (Fourth Edition). Psychology Press .
- Hoop, H. de, Levshina, N., & Segers, M. (2023). The effect of the use of T or V pronouns in Dutch HR communication. *Journal of Pragmatics*, 203, 96–109. <https://doi.org/10.1016/j.pragma.2022.11.017>
- Huang, Y. (2017). *The Oxford Handbook of Pragmatics*. Oxford University Press.
- Islam, M. K., Ghorbanzadeh, P., & Rastegarnia, A. (2021). Probability mapping based artifact detection and removal from single-channel EEG signals for brain–computer interface applications. *Journal of Neuroscience Methods*, 360. <https://doi.org/10.1016/j.jneumeth.2021.109249>
- Jankowiak, K., & Rataj, K. (2017). The N400 as a window into lexico-semantic processing in bilingualism. *Poznan Studies in Contemporary Linguistics*, 53(1), 119–156. <https://doi.org/10.1515/psicl-2017-0006>
- Ji, L. (2021). When politeness processing encounters failed syntactic/semantic processing. *Acta Psychologica*, 219. <https://doi.org/10.1016/j.actpsy.2021.103391>

- Ji, L., Cai, L., & Ji, A. (2022). Respectfulness-processing revisited: An ERP study of Chinese sentence reading. *PLoS ONE*, 17(6 6).
<https://doi.org/10.1371/journal.pone.0258570>
- Jiang, X., Li, Y., & Zhou, X. (2013). Is it over-respectful or disrespectful? Differential patterns of brain activity in perceiving pragmatic violation of social status information during utterance comprehension. *Neuropsychologia*, 51(11), 2210–2223.
<https://doi.org/10.1016/j.neuropsychologia.2013.07.021>
- Kappenman, E. S., Farrens, J. L., Zhang, W., Stewart, A. X., & Luck, S. J. (2021). ERP CORE: An open resource for human event-related potential research. *NeuroImage*, 225, 117465. <https://doi.org/10.18115/D5JW4R>
- Khachatryan, E., van Vliet, M., De Deyne, S., Storms, G., Manvelyan, H., & Van Hulle, M. M. (2014, May). Amplitude of N400 component unaffected by lexical priming for moderately constraining sentences. *4th International Workshop on Cognitive Information Processing*.
- Khakim, Z., & Kusrohmaniah, S. (2021). Dasar - dasar electroencephalography (EEG) bagi riset psikologi. *Buletin Psikologi*, 29(1), 92.
<https://doi.org/10.22146/buletinpsikologi.52328>
- Kim, A. E., McKnight, S. M., & Miyake, A. (2024). How variable are the classic ERP effects during sentence processing? A systematic resampling analysis of the N400 and P600 effects. *Cortex*, 177, 130–149. <https://doi.org/10.1016/j.cortex.2024.05.007>
- Kutas, M., & Federmeier, K. D. (2011). Thirty years and counting: Finding meaning in the N400 component of the event-related brain potential (ERP). *Annual Review of Psychology*, 62, 621–647. <https://doi.org/10.1146/annurev.psych.093008.131123>
- Lau, E. F., Phillips, C., & Poeppel, D. (2008). A cortical network for semantics: (De)constructing the N400. *Nature Reviews Neuroscience*, 9(12), 920–933.
<https://doi.org/10.1038/nrn2532>
- Leech, G. (1993). *Prinsip-Prinsip Pragmatik*. Universitas Indonesia (UI-Press).
- Levinson, S. C. (1983). *Pragmatics*. Cambridge University Press.
- Li, P., Zhang, F., Yu, A., & Zhao, X. (2020). Language history questionnaire (LHQ3): An enhanced tool for assessing multilingual experience. *Bilingualism*, 23(5), 938–944.
<https://doi.org/10.1017/S1366728918001153>
- Luck, S. J. (2014). *An introduction to the event-related potential technique* (Second Edition). MIT Press.
- Manns, H. (2012). First-person pronominal variation, stance and identity in Indonesia. *Australian Journal of Linguistics*, 32(4), 435–456.
<https://doi.org/10.1080/07268602.2012.744265>
- Michaelov, J. A., & Bergen, B. K. (2023). Ignoring the alternatives: The N400 is sensitive to stimulus preactivation alone. *Cortex*, 168, 82–101.
<https://doi.org/10.1016/j.cortex.2023.08.001>

- Mou, X., He, C., Tan, L., Yu, J., Liang, H., Zhang, J., Tian, Y., Yang, Y.-F., Xu, T., Wang, Q., Cao, M., Chen, Z., Hu, C.-P., Wang, X., Liu, Q., & Wu, H. (2024). Chinese EEG: A chinese linguistic corpora EEG dataset for semantic alignment and neural decoding. *Scientific Data*, 11(1), 550. <https://doi.org/10.1038/s41597-024-03398-7>
- Nakada, Y., Iwata, H., & Iramina, K. (2024). Predictive coding and surprisal Effects on N400 amplitude: An ERP study using BERT-Based language models in Japanese contexts. *16th Biomedical Engineering International Conference, BMEiCON 2024*. <https://doi.org/10.1109/BMEiCON64021.2024.10896356>
- Nursanti, E., Arimi, S., & Wijayanti, N. (2024). Face and politeness in javanese multilingual interaction. *Issues in Language Studies*, 13(1), 181–197. <https://doi.org/10.33736/ils.5690.2024>
- Oldfield, R. C. (1971). The assessment and analysis of handedness: The edinburgh inventory. *Neuropsychologia*, 9, 97–113.
- Qiu, L., Swaab, T. Y., Chen, H. C., & Wang, S. (2012). The role of gender information in pronoun resolution: Evidence from Chinese. *PLoS ONE*, 7(5). <https://doi.org/10.1371/journal.pone.0036156>
- Rahmatika, S., & Kusrohmaniah, S. (2020). *Peran Dominasi Bahasa dalam Memprediksi Kecepatan Pemrosesan Bahasa pada Penutur Asli Bahasa Indonesia*. Universitas Gadjah Mada.
- Repp, M., & Schumacher, P. B. (2023). What naturalistic stimuli tell us about pronoun resolution in real-time processing. *Frontiers in Artificial Intelligence*, 6, 1–15. <https://doi.org/https://doi.org/10.3389/frai.2023.1058554>
- Sarrett, M. E., McMurray, B., & Kapnoula, E. C. (2020). Dynamic EEG analysis during language comprehension reveals interactive cascades between perceptual processing and sentential expectations. *Brain and Language*, 211. <https://doi.org/10.1016/j.bandl.2020.104875>
- Septiani, A. R., & Kusrohmaniah, S. (2024). *Studi Aktivitas Elektrodemal dari Emosi Estetik melalui Stimulus Pleasant dan Unpleasant*. Universitas Gadjah Mada.
- Seyednozadi, Z., Pishghadam, R., & Pishghadam, M. (2021). Functional role of the N400 and P600 in language-related ERP studies with respect to semantic anomalies: An overview. *Noropsikiyatri Arsivi*, 58(3), 249–252. <https://doi.org/10.29399/npa.27422>
- Sharma, R., & Kukreja, V. (2024). Image segmentation, classification and recognition methods for comics: A decade systematic literature review. *Engineering Applications of Artificial Intelligence*, 131, 1–47. <https://doi.org/10.1016/j.engappai.2023.107715>
- Sheehy-Skeffington, J., & Thomsen, L. (2020). Egalitarianism: psychological and socio-ecological foundations. In *Current Opinion in Psychology* (Vol. 32, pp. 146–152). Elsevier B.V. <https://doi.org/10.1016/j.copsyc.2019.08.014>
- Siyanova-Chanturia, A., Pesciarelli, F., & Cacciari, C. (2012). The electrophysiological underpinnings of processing gender stereotypes in language. *PLoS ONE*, 7(12). <https://doi.org/10.1371/journal.pone.0048712>

- Smith, C. M., & Federmeier, K. D. (2019). What does “it” mean, anyway? Examining the time course of semantic activation in reference resolution. *Language, Cognition and Neuroscience*, 34(1), 115–136. <https://doi.org/10.1080/23273798.2018.1513540>
- Sperber, Dan., & Wilson, Deirdre. (1986). *Relevance: Communication and cognition* (Second Edition). Blackwell Publishers.
- Strószak, P., Abedzadeh, D., & Curran, T. (2016). Separating the FN400 and N400 potentials across recognition memory experiments. *Brain Research*, 1635, 41–60. <https://doi.org/10.1016/j.brainres.2016.01.015>.
- Su, J. J., Molinaro, N., Gillon-Dowens, M., Tsai, P. S., Wu, D. H., & Carreiras, M. (2016). When “He” can also be “She”: An ERP study of reflexive pronoun resolution in written Mandarin Chinese. *Frontiers in Psychology*, 7. <https://doi.org/10.3389/fpsyg.2016.00151>
- Supp, G. G., Schlögl, A., Fiebach, C. J., Gunter, T. C., Vigliocco, G., Pfurtscheller, G., & Petsche, H. (2005). Semantic memory retrieval: Cortical couplings in object recognition in the N400 window. *European Journal of Neuroscience*, 21(4), 1139–1143. <https://doi.org/10.1111/j.1460-9568.2005.03906.x>
- Tanaka, H., & Chol, C. S. (2010). Japanese language proficiency index for Koreans by N400. *SICE Annual Conference*, 18–21.
- Ten Bosch, L., Mulder, K., & Boves, L. (2019). Phase synchronization between EEG signals as a function of differences between stimuli characteristics. *Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH, 2019-September*, 1213–1217. <https://doi.org/10.21437/Interspeech.2019-2443>
- Tokimoto, S., Miyaoka, Y., & Tokimoto, N. (2021). An EEG analysis of honorification in Japanese: Human hierarchical relationships coded in language. *Frontiers in Psychology*, 12. <https://doi.org/10.3389/fpsyg.2021.549839>
- Tune, S., Schlesewsky, M., Small, S. L., Sanford, A. J., Bohan, J., Sassenhagen, J., & Bornkessel-Schlesewsky, I. (2014). Cross-linguistic variation in the neurophysiological response to semantic processing: Evidence from anomalies at the borderline of awareness. *Neuropsychologia*, 56(1), 147–166. <https://doi.org/10.1016/j.neuropsychologia.2014.01.007>
- van Dijk, T. A. (2008). *Discourse and Context*. Cambridge University Press. <https://doi.org/https://doi.org/10.1017/CBO9780511481499>
- Veale, J. F. (2014). Edinburgh handedness inventory - short form: A revised version based on confirmatory factor analysis. *Laterality*, 19(2), 164–177. <https://doi.org/10.1080/1357650X.2013.783045>
- Wang, M., Tokimoto, S., Song, G., Ueno, T., Koizumi, M., & Kiyama, S. (2022). Different neural responses for unfinished sentence as a conventional indirect refusal between native and non-native speakers: An event-related potential study. *Frontiers in Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.806023>



UNIVERSITAS
GADJAH MADA

Studi ERP N400 pada Pengaruh Pronomina Formal, Informal, dan Betawi dalam Bahasa Indonesia terhadap

Pemrosesan Pragmatik

Asep Amrillah, Dra. Sri Kusrohmaniah, M.Si., Ph.D., Psikolog

Universitas Gadjah Mada, 2025 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Yurchenko, A., Arutiunian, V., Maas Shitova, N., Bergelson, M., & Dragoy, O. (2023).

Register switching involving lexical-semantic processing in Russian: An ERP study.

Journal of Neurolinguistics, 65. <https://doi.org/10.1016/j.jneuroling.2022.101111>