

**VERB STRUCTURES AND THEIR RELATIONSHIP WITH GRAMMATICAL
ENCODING IN SPONTANEOUS SPEAKERS WITH BROCA APHASIA: A
CASE STUDY OF ENGLISH AND JAVANESE SPEAKERS**



An Undergraduate Thesis
Submitted as a partial fulfillment of the requirements
For *Sarjana Sastra Degree*

FIRA SAFITRI S

2109010027

ENGLISH LITERATURE STUDY PROGRAM
FACULTY OF CULTURAL SCIENCE AND COMMUNICATION
UNIVERSITAS MUHAMMADIYAH PURWOKERTO
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APPROVAL SHEET

This is certified this undergraduate thesis entitled **“VERB STRUCTURES AND THEIR RELATIONSHIP WITH GRAMMATICAL ENCODING IN SPONTANEOUS SPEAKERS WITH BROCA APHASIA: A CASE STUDY OF ENGLISH AND JAVANESE SPEAKERS”** by

Fira Safitri S has been approved by the advisors and the Head of English Department to be examined by the Board of Examiners.

Purwokerto, 08th July 2025

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A CASE STUDY OF ENGLISH AND JAVANESE SPEAKERS**

An Undergraduate Thesis

By

Fira Safitri S

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Has been examined and approved by the Board of Examiners as one of the requirements for the Sarjana Sastra degree on 14th July 2025

THE BOARD OF EXAMINERS

First Examiner



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Second Examiner



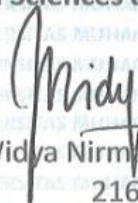
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STATEMENT OF ORIGINALITY

NAME : FIRA SAFITRI S

STUDENT NUMBER : 2109010027

I the undersigned researcher of the undergraduate thesis entitled "**VERB STRUCTURES AND THEIR RELATIONSHIP WITH GRAMMATICAL ENCODING IN SPONTANEOUS SPEAKERS WITH BROCA APHASIA: A CASE STUDY OF ENGLISH AND JAVANESE SPEAKERS**". Hereby attest and affirm that the material in this thesis has not been previously submitted and published for a degree in any universities, and to the best of my knowledge, any referenced-quotation are shown in the arrangement of citation and bibliography. If later it can be revealed that this undergraduate thesis contains partly or wholly plagiarized pieces of other intellectual works of any kinds, the researcher will be ready to accept the sanction.

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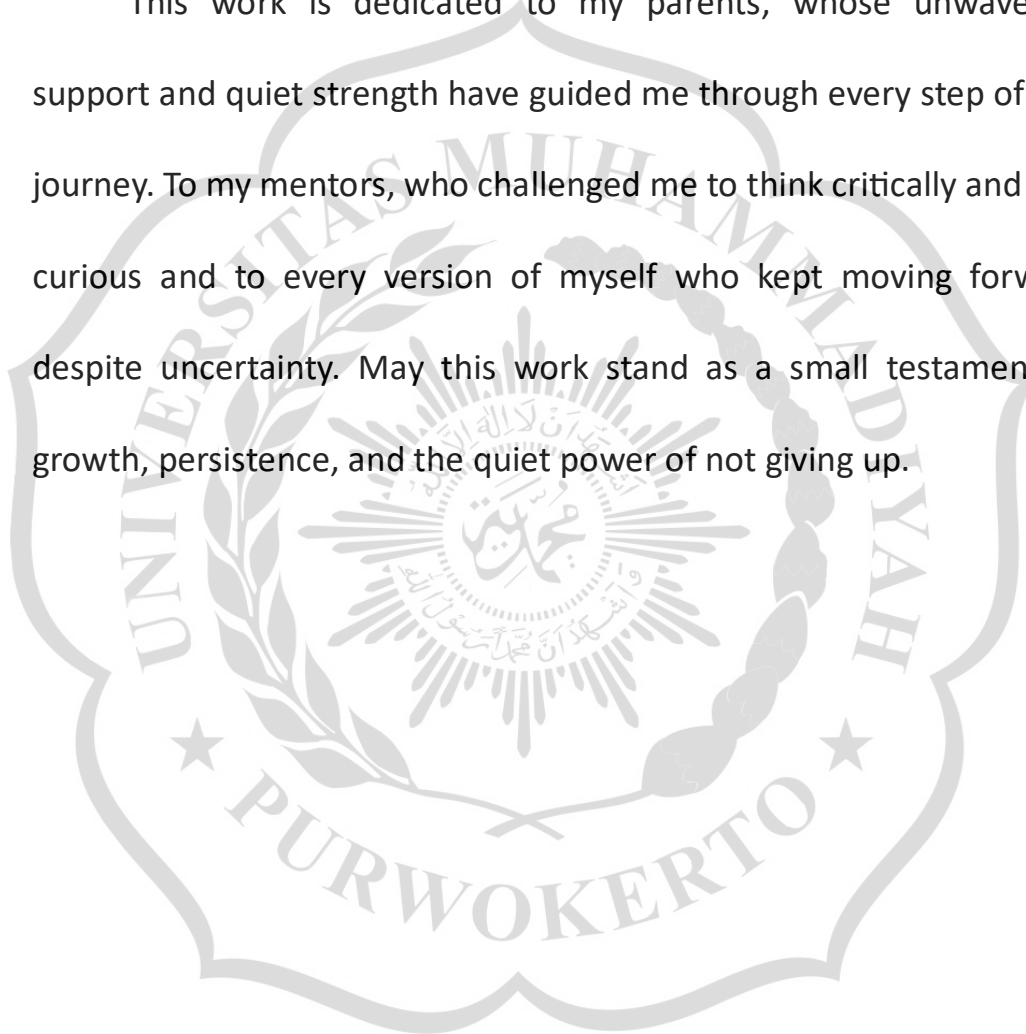
MOTTO

“Make Bold Choices and Make Mistakes, It’s All Those Things that Add Up to the Person You Become”



DEDICATION

This work is dedicated to my parents, whose unwavering support and quiet strength have guided me through every step of this journey. To my mentors, who challenged me to think critically and stay curious and to every version of myself who kept moving forward despite uncertainty. May this work stand as a small testament to growth, persistence, and the quiet power of not giving up.



ACKNOWLEDGEMENTS

This thesis is the result of a long journey I went through during my years of study at university. With all my heart, I would like to express my deepest gratitude to Allah SWT, who has given me strength, health, patience, and the will to finish what I started. Without His blessings, none of this would have been possible. I am genuinely grateful for every person, moment, and experience that has helped me reach this point. I also would like to express my deepest appreciation to those who supported, guided, and encouraged me throughout this process.

Thanks to:

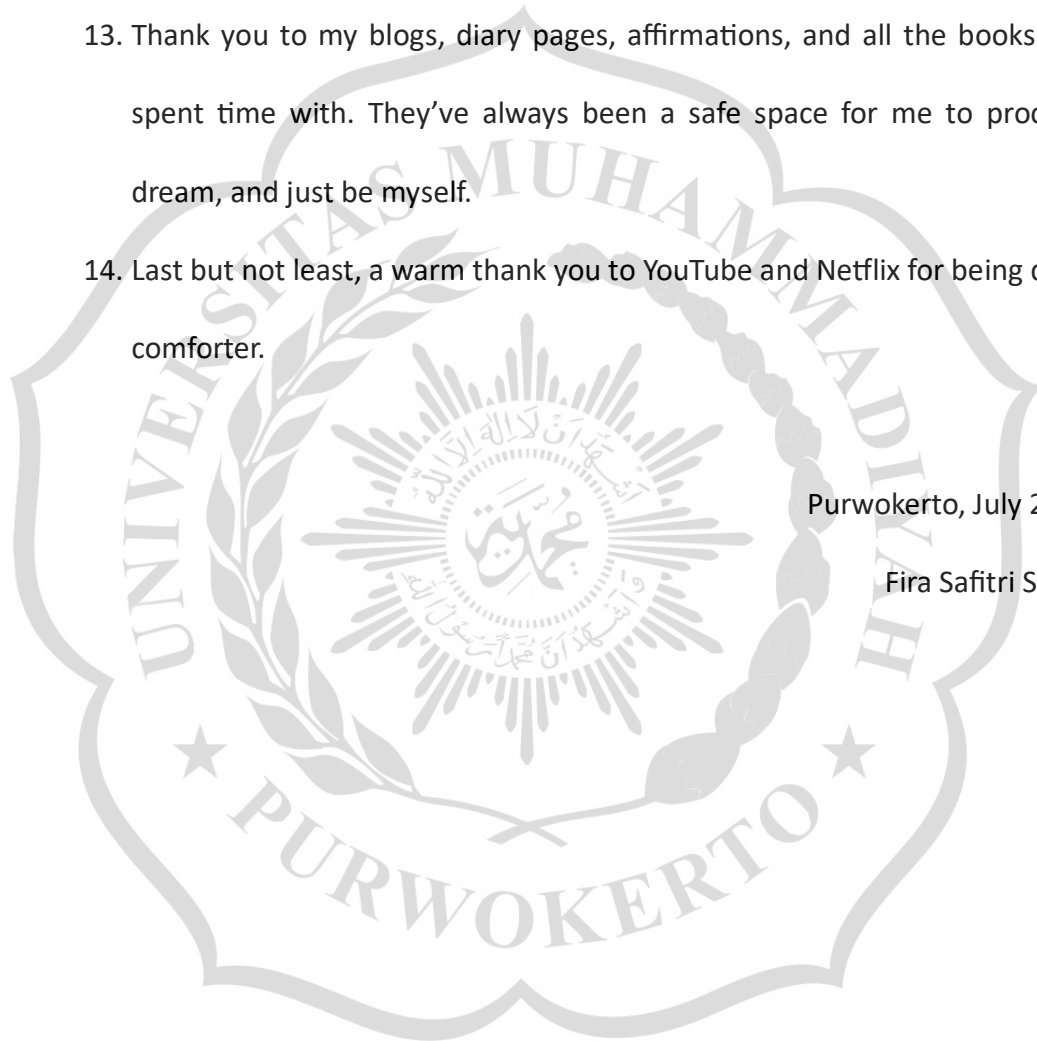
1. I would like to thank Dr. Widya Nirmalawati, S.S., M.A., as the Dean of the Faculty of Cultural and Communication Sciences.
2. I would like to thank Ma'am Sulasih Nurhayati, S.S., M.Hum., as the Head of the English Literature Program.
3. My biggest appreciation goes to my thesis supervisor, Sir Ambar Pujiyatno, S.S., M.Hum, for all the patience, guidance, and support throughout this journey. Thank you for believing in me and giving your time and energy to help me complete this thesis.

4. I would also like to thank all English Literature lecturers and every lecturer who has shared their knowledge and insight with me since semester one. Your lessons shaped the foundation of this work.
5. To my beloved mama and papa, thank you for your endless love, prayers, and emotional and financial support. Also, special thanks to my kakak and adik who always bring me comfort in their own way.
6. A special thank you to my very best friend (Dilla, Mawar, Putri, Riska) for the constant support. We have been together since we were on kindergarten, thank you for being there during the highs and lows.
7. Much thanks also to my SHS friend, especially *Spada gals* I am sorry I cannot write your name one by one because there are so many of you.
8. To *Assalamualaikum* member, let me thank you for being my brother and sister since I arrived alone in this city. Thank you for the laughter, memories, and togetherness during our time on campus.
9. I would like to thank BEM FIBK Organization, Novoclub and everyone in it. You gave me valuable experience and a place to grow outside academics.
10. Special thanks to my Bandmates, because you have accompanied me jamming and playing music when I was dizzy with my thesis. I really enjoy playing music with you.

11. To all friends in Purwokerto thank you for the shared moments and encouragement.
12. Thank you to myself for not giving up even when it felt so hard, for pushing through the doubts and breakdowns, and for still choosing to keep going.
13. Thank you to my blogs, diary pages, affirmations, and all the books I've spent time with. They've always been a safe space for me to process, dream, and just be myself.
14. Last but not least, a warm thank you to YouTube and Netflix for being dizzy comforter.

Purwokerto, July 2025

Fira Safitri S



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ABSTRACT

Safitri S Fira 2109010027. 2025: Verb Structures and Their Relationship with Grammatical Encoding in Spontaneous Speakers with Broca Aphasia: A Case Study of English and Javanese Speakers. Undergraduate thesis for Sarjana Sastra degree, English Department, Faculty of Cultural Sciences and Communication, Universitas Muhammadiyah Purwokerto.

This study examines the speech patterns of English and Javanese speakers with Broca's Aphasia, using the Argument Structure Complexity Hypothesis (ASCH) by Van Valin (2001) to explain the complexities of verb structures. The research employs a descriptive qualitative method, gathering data from YouTube videos of English speakers and direct observations of Javanese speakers diagnosed with Broca's Aphasia. The data includes transcriptions of spontaneous speech from patients in both languages. The findings show that individuals with Broca's Aphasia, regardless of their language, struggle significantly with producing words and forming coherent sentences. Both groups often use incomplete phrases and rely on key words to express their intended meanings.

Keywords: Broca Aphasia, Verb Structure, Grammatical Encoding, Argument Structure Complexity Hypothesis (ASCH)

INTISARI

Safitri S Fira 2109010027. 2025: Struktur Verba dan Hubungannya dengan Pengkodean Gramatikal pada Penutur Spontan dengan Afasia Broca: Studi Kasus Pengguna Bahasa Inggris dan Jawa. Skripsi Sarjana. Jurusan Sastra Inggris, Fakultas Ilmu Budaya dan Komunikasi, Universitas Muhammadiyah Purwokerto.

Penelitian ini menganalisis pola bicara penutur bahasa Inggris dan Jawa yang menderita afasia Broca, menggunakan Hipotesis Kompleksitas Struktur Argumen (ASCH) oleh Van Valin (2001) untuk menjelaskan kompleksitas struktur kata kerja. Penelitian ini menggunakan metode kualitatif deskriptif, mengumpulkan data dari video YouTube penutur bahasa Inggris dan pengamatan langsung terhadap penutur bahasa Jawa yang didiagnosis menderita Broca's Aphasia. Data meliputi transkripsi ucapan spontan dari pasien dalam kedua bahasa. Temuan menunjukkan bahwa individu dengan Broca's Aphasia, terlepas dari bahasa yang mereka gunakan, mengalami kesulitan signifikan dalam menghasilkan kata-kata dan membentuk kalimat yang koheren. Kedua kelompok sering menggunakan frasa yang tidak lengkap dan mengandalkan kata kunci untuk mengekspresikan makna yang dimaksud.

Kata Kunci: Afasia Broca, Struktur Verba, Pengkodean Gramatikal, Hipotesis Kompleksitas Struktur Argumen (ASCH).

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