

**THE USE OF LINKING ADVERBIALS IN RESEARCH
ARTICLES BY INDONESIAN WRITERS: A CORPUS-
BASED RESEARCH**

THESIS



**BY:
AINUN NAJIBAH
REG. NUMBER 03010320002**

**ENGLISH LITERATURE DEPARTMENT
FACULTY OF ADAB AND HUMANITIES
UNIVERSITAS ISLAM NEGERI SUNAN AMPEL
SURABAYA
2024**

DECLARATION

I am the undersigned below:

Name : Ainun Najibah

NIM : 03010320002

Department : English Literature

Faculty : Adab and Humanities

University : UIN Sunan Ampel

declare that the thesis entitled:

The Use of Linking Adverbials in Research Articles By Indonesian Writers:

A Corpus-Based Research

is my own work, and not a plagiarism/fabrication in part or in whole.

If in the future it is proven that this thesis results from plagiarism/fabrication, either in part or whole, then I am willing to accept sanctions for such actions in accordance with the applicable provisions.

Surabaya, 11 Juni 2024

Who makes the statement



Ainun Najibah

Reg. Number. 03010320002

APPROVAL SHEET

THE USE OF LINKING ADVERBIALS IN RESEARCH ARTICLES BY
INDONESIAN WRITERS: A CORPUS-BASED RESEARCH

by
Ainun Najibah
Reg. Number 03010320002

approved to be examined by the board of examiners of English Literature
Department, Faculty of Adab and Humanities, UIN Sunan Ampel Surabaya

Surabaya, 11 Juni 2024

Advisor 1



Prof. Dr. H. Mohammad Kurjum, M. Ag.
NIP. 196909251994031002

Advisor 2



Prof. Dr. A. Dzo'ul Milal, M. Pd.
NIP. 196005152000031002

Acknowledged by
The Head of the English Literature Department



Endratno Pilih Swasono, M. Pd.
NIP. 19710607200312001

EXAMINER SHEET

This is to certify that the *Sarjana* thesis of Ainun Najibah (03010320002) entitled **The use of Linking Adverbials in Research Article by Indonesian Writers: A Corpus-Based Research** has been approved and accepted by the board of examiners for the degree of *Sarjana Sastra (S.S.)*, English Literature Department, Faculty of Adab and Humanities, UIN Sunan Ampel Surabaya.

Surabaya, 24 June 2024

Board of Examiners:

Examiner 1



Prof. Dr. H. Mohammad Kurjum, M. Ag.
NIP. 196909251994031012

Examiner 2



Prof. Dr. A. Dzo'ul Milal, M. Pd.
NIP. 196005152000031002

Examiner 3



Endratno Pilih Swasono, M. Pd.
NIP. 19710607200312001

Examiner 4



Raudlotul Yannah, M. App. Ling.
NIP. 197810062005012004

Acknowledged by:

The Dean of Faculty of Adab and Humanities
UIN Sunan Ampel Surabaya





**KEMENTERIAN AGAMA
UNIVERSITAS ISLAM NEGERI SUNAN AMPEL SURABAYA
PERPUSTAKAAN**

Jl. Jend. A. Yani 117 Surabaya 60237 Telp. 031-8431972 Fax.031-8413300
E-Mail: perpus@uinsby.ac.id

**LEMBAR PERNYATAAN PERSETUJUAN PUBLIKASI
KARYA ILMIAH UNTUK KEPENTINGAN AKADEMIS**

Sebagai sivitas akademika UIN Sunan Ampel Surabaya, yang bertanda tangan di bawah ini, saya:

Nama : Ainun Najibah
NIM : 03010320002
Fakultas/Jurusan : Adab dan Humaniora/Sastra Inggris
E-mail address : ainunnajibah33@gmail.com

Demi pengembangan ilmu pengetahuan, menyetujui untuk memberikan kepada Perpustakaan UIN Sunan Ampel Surabaya, Hak Bebas Royalti Non-Eksklusif atas karya ilmiah :
 Sekripsi Tesis Desertasi Lain-lain (.....) yang berjudul :

The Use of Linking Adverbials in Research Articles by Indonesian Writers: A Corpus-Based Research

berserta perangkat yang diperlukan (bila ada). Dengan Hak Bebas Royalti Non-Ekslusif ini Perpustakaan UIN Sunan Ampel Surabaya berhak menyimpan, mengalih-media/format-kan, mengelolanya dalam bentuk pangkalan data (database), mendistribusikannya, dan menampilkan/mempublikasikannya di Internet atau media lain secara **fulltext** untuk kepentingan akademis tanpa perlu meminta ijin dari saya selama tetap mencantumkan nama saya sebagai penulis/pencipta dan atau penerbit yang bersangkutan.

Saya bersedia untuk menanggung secara pribadi, tanpa melibatkan pihak Perpustakaan UIN Sunan Ampel Surabaya, segala bentuk tuntutan hukum yang timbul atas pelanggaran Hak Cipta dalam karya ilmiah saya ini.

Demikian pernyataan ini yang saya buat dengan sebenarnya.

Surabaya, 3 Juli 2024

Penulis

(Ainun Najibah)

ABSTRACT

Najibah, A. (2024). *The Use of Linking Adverbials in Research Articles By Indonesian Writers: A Corpus-Based Research*. English Literature Department, Faculty of Adab and Humanities, UIN Sunan Ampel Surabaya. Advisors: (I) Prof. Mohammad Kurjum, M.Ag., (II) Prof. Dr. A. Dzo'ul Milal, M.Pd.

This research aims to examine the use of linking adverbials in research articles indexed by Scopus by Indonesian writers. Linking adverbials is a linking device that implicitly plays an important role in discourse cohesion and coherence. Linking adverbials is analyzed based on the classification of six semantic categories by Biber et. al. (1999). The researcher used the list of linking adverbials by Liu (2008). Through corpus analysis, this research identifies linking adverbials based on six semantic categories, frequency of use, and position in a sentence.

The data for this research are 50 research articles from social science disciplines published in indexed Scopus journals published in 2020-2022. This research was analyzed qualitatively and quantitatively to analyze the use of linking adverbials. In addition, this research focuses on corpus analysis using concordance software, namely AntConc, to determine the number and frequency of linking adverbials in the data.

The research results show that all semantic categories (enumeration and addition, result/inference, contrast/concession, apposition, transition, and summation) have been applied in research articles by Indonesian writers according to their functions. The enumeration and addition category have the highest frequency and the summation category has the lowest frequency. Meanwhile, Indonesian writers often use linking adverbials at the beginning and middle of a sentence rather than at the end of a sentence. This is because the placement of a linking adverbial at the initial of a sentence explicitly indicates that the function of linking adverbials is to connect discourse, apart from that, there is the influence of the first language of the writers of the research article which is Indonesian.

Keywords: Linking Adverbial, Semantic Category, Research Article, Corpus, Frequency.

ABSTRAK

Najibah, A. 2024. *Penggunaan Linking Adverbial pada Artikel Penelitian oleh Penulis Indonesia: Sebuah penelitian berbasis korpus.* Program Studi Sastra Inggris, Fakultas Adab dan Humaniora, UIN Sunan Ampel Surabaya.
Pembimbing: (I) Dr. Mohammad Kurjum, M.Ag., (II) Prof. Dr. A. Dzo'ul Milal, M.Pd.

Penelitian ini bertujuan untuk meneliti penggunaan linking adverbial pada artikel penelitian yang terindeks Scopus oleh penulis Indonesia. Linking adverbial merupakan linking device yang secara implicit memainkan peran penting dalam kohesi dan koherensi wacana. linking adverbial dianalisis berdasarkan klasifikasi enam semantic category by Biber et. al. (1999). Penulis menggunakan list linking adverbial oleh Liu (2008). Melalui analisis korpus, penelitian ini mengidentifikasi linking adverbial berdasarkan enam semantic categorinya, frekuensi penggunaannya, dan posisinya dalam suatu kalimat.

Data penelitian ini adalah 50 artikel penelitian dari disiplin ilmu sosial yang diterbitkan di jurnal yang terindeks Scopus yang diterbitkan pada 2020-2022. Penelitian ini dianalisis secara kualitatif dan kuantitatif untuk menganalisis penggunaan linking adverbial. Di samping itu, penelitian ini fokus pada analisis korpus dengan menggunakan perangkat lunak konkordansi yaitu AntConc untuk mengetahui jumlah dan frekuensi linking adverbial dalam data.

Hasil penelitian menunjukkan bahwa semua kategori semantik (enumeration and addition, result/inference, contrast/concession, apposition, transition, dan summation) telah diaplikasikan dalam artikel penelitian oleh penulis Indonesia sesuai dengan fungsi masing-masing. Kategori semantik enumeration and addition memiliki frekuensi yang tertinggi dan kategori semantik summation memiliki frekuensi terendah. Sementara itu, penulis Indonesia sering menggunakan linking adverbial di awal dan di tengah kalimat daripada di akhir kalimat. Hal itu karena penempatan linking adverbial di awal kalimat secara tersurat menandakan bahwa linking adverbial tersebut berfungsi menghubungkan antar wacana, selain itu, terdapat pengaruh bahasa pertama dari penulis artikel penelitian yaitu Indonesia.

Kata Kunci: kata keterangan penghubung, kategori semantik, artikel penelitian, korpus, frekuensi.

TABLE OF CONTENTS

Inside Cover Page	i
Approval Sheet	ii
Examiners' Sheet	iii
Declaration	iv
Approval of Publication	v
Abstract	vi
Abstrak	vii
Table of Contents	viii
List of Tables	x
List of Appendices	xi

CHAPTER I INTRODUCTION

1.1 Background of the Study	1
1.2 Problems of the Study	8
1.3 Significances of the Study	9
1.4 Scope and Delimitations	10
1.5 Definition of Key Terms	10

CHAPTER II REVIEW OF RELATED LITERATURE

2.1 Corpus	12
2.2 Research Article	14
2.3 Linking Adverbial	16
2.3.1 Semantic Category	18
2.3.1.1 Enumeration and Addition	19
2.3.1.2 Apposition	19
2.3.1.3 Summation	20
2.3.1.4 Result/Inference	20
2.3.1.5 Contrast/Concession	20
2.3.1.6 Transition	21
2.3.2 The Positions of Linking Adverbials	22

CHAPTER III RESEARCH METHOD

3.1 Research Design	27
3.2 Data Collection	28
3.2.1 Research Data	28

3.2.2 Data Source	28
3.2.3 Instrument(s)	28
3.2.4 Data Collection Technique.....	28
3.3 Data Analysis Technique	29

CHAPTER IV FINDINGS AND DISCUSSION

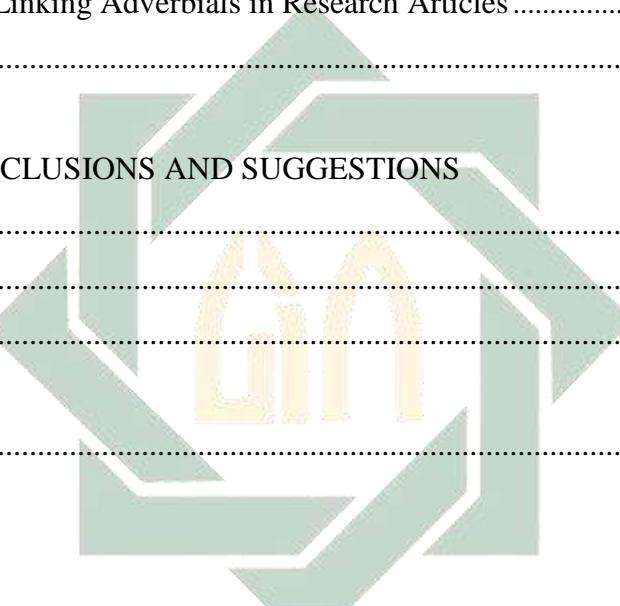
4.1 Findings.....	32
4.1.1 Linking Adverbials in Research Articles	32
4.1.2 Frequency of Linking Adverbials in Research Articles.....	38
4.1.3 Position of Linking Adverbials in Research Articles	40
4.2 Discussion	52

CHAPTER V CONCLUSIONS AND SUGGESTIONS

5.1 Conclusions	56
5.2 Suggestions	57
REFERENCES.....	58

APPENDICES

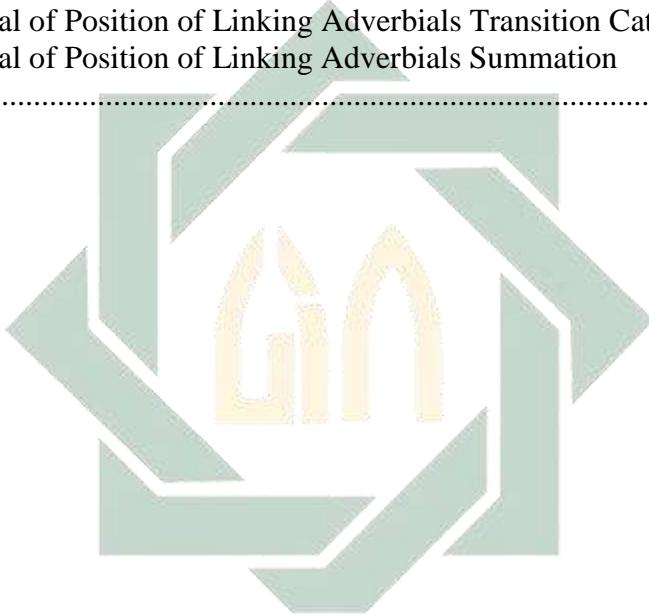
Appendix 1	62
------------------	----



**UIN SUNAN AMPEL
S U R A B A Y A**

LIST OF TABLES

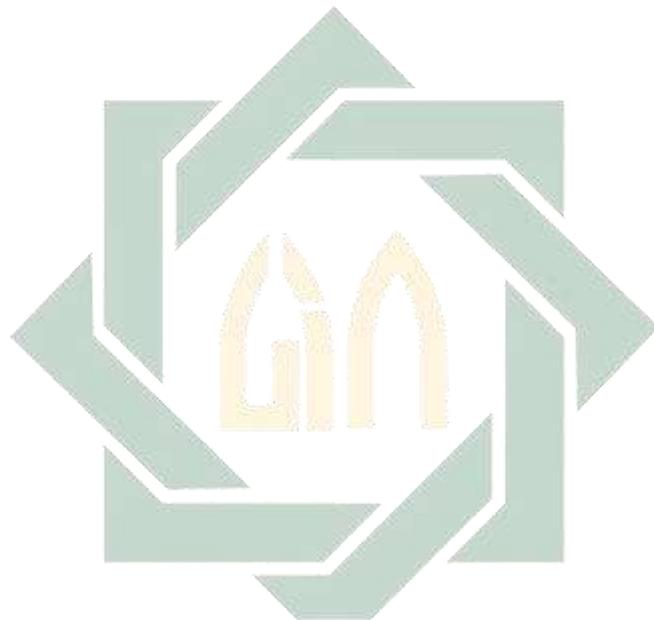
Table	page
Table 2.1 Linking Adverbials Based on Semantic Categories.....	21
Table 2.2 Positions of Linking and Their Characteristics.....	26
Table 4.1 The Frequency of All Semantic Categories of Linking Adverbials.	39
Table 4.2 The Total of Position of Linking Adverbials Enumeration and Addition Category	41
Table 4.3 The Total of Position of Linking Adverbials Result/Inference Category	44
Table 4.4 The Total of Position of Linking Adverbials Contrast/Concession Category	46
Table 4.5 The Total of Position of Linking Adverbials Apposition Category	48
Table 4.6 The Total of Position of Linking Adverbials Transition Category..	49
Table 4.7 The Total of Position of Linking Adverbials Summation Category	51



**UIN SUNAN AMPEL
S U R A B A Y A**

LIST OF APPENDICES

Appendix	page
Appendix 1 The Details of Linking Adverbials Based on Semantic Categories.....	62



**UIN SUNAN AMPEL
S U R A B A Y A**

REFERENCES

- Abumelha, M. A., & Alyousef, H. S. (2019). A Cross-Cultural Comparative Investigation of Linking Adverbials in Linguistics Research Articles Written in English by Native and Arab Scholars. *Linguistics and Literature Studies*, 7(5), 226–240. <https://doi.org/10.13189/lls.2019.070506>
- Appel, R. (2020). An exploratory analysis of linking adverbials in post-secondary texts from L1 Arabic, Chinese, and English writers. *Ampersand*, 7, 100070. <https://doi.org/10.1016/j.amper.2020.100070>
- Appel, R., & Golding, C. (2023). An Exploratory Analysis of Linking Adverbials Used by Filipino, Pakistani, and Thai Writers of English. *Journal of Modern Languages*, 33(1), 50–73. <https://doi.org/10.22452/jml.vol33no1.3>
- Biber, D., Johansson, S., Leech, G., Conrad, S., & Finegan, E. (1999). *Longman grammar of spoken and written English*. London: Longman.
- Carter, R., & McCarthy, M. (2006). *Cambridge Grammar of English*. Cambridge University Press.
- Celce-Murcia, M., & Larsen-Freeman, D. (1999). *The Grammar Book: An ESL/EFL Teacher's Course (2nd edition)*. MA: Heinle & Heinle.
- Chokwe, J. M. (2013). Factors impacting academic writing skills of english second language students. *Mediterranean Journal of Social Sciences*, 4(14), 377–383. <https://doi.org/10.5901/mjss.2013.v4n14p377>
- Costa, D. D. (2015). *Linking Adverbials in Applied Linguistics Research Articles: a Corpus-Based Study*. UNIVERSIDADE FEDERAL DE MINAS GERAIS.
- Crompton, P. (2006). The effect of position on the discourse scope of adverbials. *Text and Talk*, 26(3), 245–279. <https://doi.org/10.1515/TEXT.2006.011>
- Ebrahimi, S. F., & Alboghobiesh, V. (2023). Functional Analysis of Linking Adverbials in Chemistry and English Language Teaching. *Colombian Applied Linguistics Journal*, 25(1), 57–70. <https://doi.org/10.14483/22487085.18596>
- Ebrahimi, S. F., & Motamed, M. (2021). A Corpus Study on Linking Adverbials in Two Classroom Spoken Genres. *Research in English Language ...*, January. <https://doi.org/10.30486/relp.2020.1885851.1173>
- Greenbaum, S. (1969). *Studies in English Adverbial Usage*. University of Miami Press.
- Grigaliūnienė, J. (2013). *Corpora in Language Studies*. Vilnius: Vilnius University.

- Halliday, M. A. K., & Hasan, R. (2013). *Cohesion in English*. Routledge.
- Hartley, J. (2008). *Academic Writing and Publishing*. Taylor & Francis.
- Hůlková, I. (2017). Conjunctive Adverbials Viewed as Pragmatic Markers in the Genre of Research Articles. In *Conjunctive Adverbials Viewed as Pragmatic Markers in the Genre of Research Articles* (Issue January 2017). Masaryk University Press. <https://doi.org/10.5817/cz.muni.m210-8873-2017>
- Hyland, K. (2004). *Disciplinary Discourses: Social Interactions in Academic Writing*. University of Michigan Press.
- Hyland, K. (2005). *Metadiscourse: Exploring Interaction in Writing*. Bloomsbury Publishing.
- Hyland, K., & Jiang, F. (Kevin). (2017). Is academic writing becoming more informal? *English for Specific Purposes*, 45, 40–51. <https://doi.org/10.1016/j.esp.2016.09.001>
- Kennedy, G. (1998). *An Introduction to Corpus Linguistics*. London: Longman.
- Leech, G. (1992). *Corpora and theories of linguistic performance*. New York: De Gruyter Mouton.
- Lenker, U. (2010). *Argument and Rhetoric: Adverbial Connectors in the History of English*. Walter de Gruyter.
- Lindquist, H. (2009). *Corpus Linguistics and the Description of English*. Edinburgh University Press.
- Lisafida, A. T. (2022). *UNDERGRADUATE EFL CHALLENGES IN THESIS WRITING*.
- Liu, D. (2008). Linking adverbials. *International Journal of Corpus Linguistics*, 13(4), 491–518. <https://doi.org/10.1075/ijcl.13.4.05liu>
- McEnery, T., & Hardie, A. (2011). *Corpus Linguistics: Method, Theory and Practice*. Cambridge University Press.
- McEnery, T., & Wilson, A. (1996). *Corpus Linguistics*. Edinburgh University Press.
- Nakayama, S. (2021). A Corpus-Based Analysis of Japanese EFL Learners' Linking Adverbial Use. *The Educational Review, USA*, 5(6), 164–171. <https://doi.org/10.26855/er.2021.06.002>
- Nizar, A. A., & Munawaroh, I. B. (2019). A Comparative Analysis : Linking

- Adverbials in Learners' Academic Writing. *Journal of Research on Applied Linguistics Language and Language Teaching*, 2(2), 1203–113.
- Oktavianti, I. N., & Sarage, J. (2022). Linking Adverbials in Indonesian EFL Students' Essays: A Corpus-Driven Study. *IDEAS: Journal on English Language Teaching and Learning, Linguistics and Literature*, 10(2), 1583–1600. <https://doi.org/10.24256/ideas.v10i2.3061>
- Orhon, Y., Kulac-Puren, D., & Guzel, E. (2018). A Corpus Linguistic Study on the Use of However in British Academic Spoken and Written English. *The Literacy Trek*, 4(2), 31–62.
- Peacock, M. (2010). Linking adverbials in research articles across eight disciplines. *Ibérica*, 20(1999), 9–34.
- Quirk, R. (1985). *A Comprehensive Grammar of the English Language*. Longman.
- Quirk, R., & Greenbaum, S. (1978). *A university grammar of English* (London). London: Longman.
- Roscoe, J. T. (1975). *Fundamental Research Statistic for The Behaviour Sciences* (2nd edition). Holt, Rinehart and Winston.
- Septafi, G. (2021). Analisis Kemampuan Menulis Artikel Ilmiah Mahasiswa Pendidikan Guru Sekolah Dasar Angkatan 2019. *Educational Technology Journal*, 1(2), 1–16. <https://doi.org/10.26740/etj.v1n2.p1-16>
- Setyaningsih, Y., & Rahardi, R. K. (2018). *Menulis Artikel Jurnal*. Penerbit Amara Books.
- Sinclair, J. (2005). *Collins Cobuild English Grammar*. UK: HarperCollins.
- Suyitno, I. (2011). *Karya Tulis Ilmiah (KTI), Panduan Teori, Perlatihan, dan Contoh*. Bandung: Refika Aditama.
- Thaiss, C., & Zawacki, T. M. (2006). *Engaged Writers and Dynamic Disciplines: Research on the Academic Writing Life*. Heinemann.
- Wahab, A., & Lestari, L. A. (1999). *Menulis Karya Ilmiah*. Airlangga.
- Zakiyah, F. (2017). *Linking Adverbials in Academic Articles Accross Discipline*. Universitas Airlangga.