RHETORICAL MOVE ANALYSIS OF ABSTRACTS WRITTEN BY THE NOVICE INDONESIAN AUTHORS IN THE FIELD OF SOFT AND HARD SCIENCES

A Research Paper

Submitted as Partial Fulfillment of the Requirements for *Sarjana Sastra* Degree of English Language and Literature Study Program



By Nida Tsania Ramadhani 1700843

ENGLISH LANGUAGE AND LITERATURE STUDY PROGRAM FACULTY OF LANGUAGE AND LITERATURE EDUCATION UNIVERSITAS PENDIDIKAN INDONESIA

2021

PAGE OF APPROVAL RHETORICAL MOVE ANALYSIS OF ABSTRACTS WRITTEN BY THE NOVICE INDONESIAN AUTHORS IN THE FIELD OF SOFT AND HARD SCIENCES

A Research Paper by Nida Tsania Ramadhani 1700843

Approved by:

Supervisor I

Wawan Gunawan, M.Ed.St., Ph.D.

NIP. 197209162000031001

Supervisor II

R. Dian Dia-an Muniroh, S.Pd., M.Hum., Ph.D

NIP. 198110242005012001

Head of English Education Department
Faulty of Language and Literature Education

Universitas Pendidikan Indonesia

Eri Kurniawan, M. A., Ph.D.

NIP. 19811123005011002

STATEMENT OF AUTHORIZATION

I hereby confirm this present study entitled *Rhetorical Move Analysis of Abstracts* Written by the Novice Indonesian Authors in the field of Soft and Hard Sciences as the final result of my work. I am fully aware that I have quoted some ideas and statements from various sources. All quotations are acknowledged and appropriately stated.

Bandung, August 2021

Nida Tsania Ramadhani

4

PREFACE

I submit the study entitled *Rhetorical Move Analysis of Abstracts Written by the Novice Indonesian Authors in the field of Soft and Hard Sciences* as partial fulfillment of the requirements for *Sarjana Sastra* Degree. I hope this study could contribute to future research in linguistics, especially in move analysis studies. The writer is aware that this study is still lacking in some aspects. Therefore, any critics and recommendations would be much appreciated.

Nida Tsania Ramadhani

ACKNOWLEDGEMENTS

I would like to express my gratitude to Allah SWT, for His grace and blessing, I have the strength and the faith to keep moving forward. I would also deliver my thanks to these people that without them, the long process of conducting this research would be impossible.

First, I would like to deliver my deepest gratitude to Pak Eri Kurniawan for trusting me to be a part of the move analysis project. I would also like to thank Pak Wawan Gunawan and Bu Dian Dia-an Muniroh for their guidance, patience, encouragement and critiques that help me a lot in doing this paper.

My special thanks are extended to my best friends, Asti, Jilan, Arum, Dhea, Rikeu, Iel, Tine, and Riyan. Thank you all so much for going through this together and for your willingness to help me in the past four year in UPI. Additionally, I would also like to thank my elementary school buddies, Kintan, Elsa, Randi, Hanan, Nia and Irma. Thank you for the support and spirit during the process of writing this research.

Last but not least, I would like to express my gratitude for my parents. Thank you so much for the prayers and the love you give in every form possible.

Rhetorical Move Analysis of Abstracts Written by the Novice Indonesian Authors in the field of Soft and Hard Science

Nida Tsania Ramadhani 1700843

Supervisor:

Wawan Gunawan, M.Ed.St., Ph.D.
R. Dian Dia-an Muniroh, S.Pd., M.Hum., Ph.D

ABSTRACT

Research articles have been considered as one of the most important genres in academic writing. Of all sections, an abstract plays a crucial role as the first reference to derive essential information regarding the main point of the paper. This study aims to reveal the manifestation of rhetorical structures of abstracts written by inexperienced Indonesian authors in the field of soft and hard science. A total of forty-seven (47) abstracts from a pre-training session of an academic workshop were taken as the data. Hyland's (2000) five-move model was adopted to identify the rhetorical structures of the abstracts. The moves and steps along with the linguistic realization were analyzed. The analysis found that all elements of moves i.e Introduction-Purpose-Method-Result-Conclusions in the abstracts were written by the authors in the soft and hard science field. Different strategies in writing abstracts were employed by the authors in soft and hard science. Further comparative research on abstracts with different disciplines is suggested for further investigations

Keyword: move analysis, abstract, novice writers, soft, hard

TABLE OF CONTENTS

PAGE OF APPROVAL	2
STATEMENT OF AUTHORIZATION	3
PREFACE	4
ACKNOWLEDGEMENT	5
ABSTRACT	6
TABLE OF CONTENTS	7
CHAPTER I	10
INTRODUCTION	10
1.1 Background of Study	10
1.2 Statement of Problems	12
1.3 Purpose of Study	12
1.4 Scope of Study	12
1.5 Significance of Study	13
1.6 Clarification of Terms	13
1.7 Organization of Paper	14
CHAPTER II	15
LITERATURE REVIEW	15
2.1 Genre Analysis	15
2.2 Move Analysis	16
2.3 Research Article	20
2.4 Structure of Research Article	21
2.5 Research Article Abstract	25
2.6 Linguistic Features of Abstract	26
2.6.1 Tense	26
2.6.2 Voice	27
2.7 Previous Studies	29
CHAPTER III	31
METHODOLOGY	31
3.1 Research Design	31
3.2 Data Collection	31
3.3 Data Analysis	33

CHAPTER IV	37
FINDINGS AND DISCUSSION	37
4.1. The Findings of the Moves and Steps	37
4.1.1 The Realization of Moves	38
4.1.2 The Realization of Steps	40
4.1.3 Moves and Steps Salience	43
4.2 Linguistics Realization	45
4.2.1 Voice	46
4.2.2 Tense	48
4.2 Discussion	50
4.2.1 Discussion of Rhetorical Organization	50
4.2.2 Discussion of Linguistics Realization	52
CHAPTER V	55
CONCLUSION	55
5.1 Conclusion	55
5.2 Suggestion	57
REFERENCES	58
APPENDIX	65

LIST OF TABLES

Table 1. Santos (1999) Five-move Structure	19
Table 2. Hyland's (2000) Five-move Model	19
Table 3. Data Distribution	32
Table 4. Hyland's (2000) Framework for Data Analysis	33
Table 5. Cohen's Kappa Statistics (K)	34
Table 6. Sample of Data Analysis	34
Table 7. General Findings on the Realization of Moves and Steps	37
Table 8. Move Salience	43
Table 9. Step Salience	44
Table 10. Organizational Pattern	45
Table 11. The Realization of Voice in each Move	46
Table 12. The Realization of Tenses	48
LIST OF FIGURES	
Figure 1. Swales's (1990) CARS Model	18
Figure 2. Main Section of a Scientific Paper	21
Figure 3. Move Occurrences	38
Figure 4. Step Occurrences	41
Figure 5. General Findings of Voice	46

REFERENCES

- Ahmed, S. (2015). Rhetorical organization of tourism research article abstracts.

 *Procedia Social and Behavioral Sciences, 208(2014). https://doi.org/10.1016/j.sbspro.2015.11.203
- Al-khasawneh, F. M. S. (2017). A genre analysis of research article abstracts written by native and non-native speakers of English. *Journal of Applied Linguistics and Language Research*, 4(1).
- Alhuqbani, M. N. (2013). Genre-based analysis of Arabic research article abstracts across four disciplines. *Journal of Educational and Social Research*, *3*(3), 371–382. https://doi.org/10.5901/jesr.2013.v4n3p371
- Allison, D. (1999). Key concepts in ELT: Genre. ELT Journal, 53(2), 144.
- Amnuai, W. (2019). Analyses of rhetorical moves and linguistic realizations in accounting research article abstracts published in international and thai-based journals. *SAGE Open*, *9*(1). https://doi.org/10.1177/2158244018822384
- Baker, M. (2018). *In other words: A coursebook on translation* (3rd ed.). Routledge.
- Behnam, B., & Golpour, F. (2014). A genre analysis of English and Iranian research articles abstracts in applied linguistics and mathematics. *International Journal of Applied Linguistics and English Literature*, *3*(5). https://doi.org/10.7575/aiac.ijalel.v.3n.5p.173
- Bhatia, Vijay K. (1997). Genre-mixing in academic introductions. *English for Specific Purposes*, 16(3), 181–195. https://doi.org/10.1016/S0889-4906(96)00039-7
- Bhatia, Vijay K. (2004). Interdiscursivity in critical genre analysis. *Analysis*, *1*, 391–400. http://linguagem.unisul.br/paginas/ensino/pos/linguagem/cd/English/36i.pdf
- Bhatia, Vijay Kumar. (1993). Analyzing genre: Language use in professional setting. Longman.

- Budiharso, T. (2006). The linguistic features of English and Indonesian essays made by EFL undergraduate students. *Bahasa dan Seni, Jurnal Bahasa, Sastra, dan Pengajarannya*, 30(1), 1-18.
- Cotos, E. (2019). Articulating societal benefits in grant proposals: Move analysis of broader impacts. *English for Specific Purposes*, *54*, 15–34. https://doi.org/10.1016/j.esp.2018.11.002
- Cresswell, J. W. (2013). *Qualitative inquiry and research design: Choosing among five approaches*. Sage Publication.
- Darabad, A. M. (2016). Move analysis of research article abstracts: A cross-disciplinary study. *International Journal of Linguistics*, 8(2). https://doi.org/10.5296/ijl.v8i2.9379
- Doró, K. (2015). The rhetoric structure of research articles abstracts in English studies journals. *Prague Journal of English Studies*, 2(1), 119–139. https://doi.org/10.2478/pjes-2014-0013
- Emeksiz, E. Z. (2015). Stance taking and passive voice in Turkish academic discourse. *Journal of Language and Linguistic Studies*, 11(2), 13–22.
- Flowerdew, J., & Dudley-Evans, T. (2002). Genre analysis of editorial letters to international journal contributors. *Applied Linguistics*, 23(4), 463-489+550. https://doi.org/10.1093/applin/23.4.463
- Flowerdew, J. Academic Discourse. Harlow: Pearson Education.
- Gustina, A. R. (2020). *Move analysis of undergraduate theses and undergraduate students' published research articles* (Undergraduate's thesis). Universitas Pendidikan Indonesia, Bandung, Indonesia. Retrieved from http://repository.upi.edu
- Huckin, T. (2001). Abstracting from abstracts. *Academic Writing in Context*, 93–103.
- Hyland, K. (2000). Disciplinary discourses: Social interactions in academic writing. In *University of Michigan Press*. The University of Michigan Press.

- Hyland, K. (2003). Self-citation and self-reference: Credibility and promotion in academic publication. *Journal of the American Society for Information Science and Technology*, 54(3), 251–259.
- Hyland, K. (2004). *Genre and second language writing*. University of Michigan Press.
- Hyland, K. (2009). Academic discourse: English in a global context. A&C Black.
- Kanoksilapatham, B. (2005). Rhetorical structure of biochemistry research articles.

 English for Specific Purposes, 24(3).

 https://doi.org/10.1016/j.esp.2004.08.003
- Kay, H., & Dudley-Evans, T. (1998). Genre: What teachers think. *ELT Journal*, 52(4), 308–314. https://doi.org/10.1093/elt/52.4.308
- Knapp, P., & Watkins, M. (2005). Genre, Text, Grammar: Technologies for teaching and assessing writing. UNSW Press.
- Kurniawan, E., Lubis, A. H., Suherdi, D., & Danuwijaya, A. A. (2019). Rhetorical organization of applied linguistics abstracts: Does scopus journal quartile matter? *GEMA Online Journal of Language Studies*, 19(4). https://doi.org/10.17576/gema-2019-1904-10
- Kurniawan, E., Suherdi, D., & Lubis, A. H. (2021). Does cognition reflect performance? Rhetorical organization of journal article abstracts written by Indonesian authors. *Literacies, Culture, and Society towards Industrial Revolution 4.0 0 : reviewing policies, expanding research, enriching practices in Asia* (p. 209).
- Lorés, R. (2004). On RA abstracts: From rhetorical structure to thematic organisation. *English for Specific Purposes*, 23(3), 280–302. https://doi.org/10.1016/j.esp.2003.06.001
- Maswana, S., Kanamaru, T., & Tajino, A. (2015). Move analysis of research articles across five engineering fields: What they share and what they do not. *Ampersand*, 2. https://doi.org/10.1016/j.amper.2014.12.002

- Mauludini, Y. R. (2020). Move Analysis of Humanities Dissertation Abstracts in Indonesian And English Higher Institutions: A Comparative Study (Undergraduate's thesis). Universitas Pendidikan Indonesia, Bandung, Indonesia. Retrieved from http://repository.upi.edu.
- Nair, P. K. R., & Nair, V. D. (2014). Scientific writing and communication in agriculture and natural resources. In *Scientific Writing and Communication in Agriculture and Natural Resources* (pp. 13–25). https://doi.org/10.1007/978-3-319-03101-9
- Nwogu, K. N. (1997). The medical research paper: Structure and functions. *English* for Specific Purposes, 16(2 SPEC. ISS.), 119–138. https://doi.org/10.1016/s0889-4906(97)85388-4
- Omidian, T., Shahriari, H., & Siyanova-Chanturia, A. (2018). A cross-disciplinary investigation of multi-word expressions in the moves of research article abstracts. *Journal of English for Academic Purposes*, 36. https://doi.org/10.1016/j.jeap.2018.08.002
- Oxford Learner's Dictionary. (n.d). *References*. Retrieved July 10, 2021, from https://www.oxfordlearnersdictionaries.com/definition/english/reference_1?q = references
- Payne, T. E. (2011). *Understanding English grammar: A linguistic introduction*. Cambridge University Press.
- Pho, P. D. (2008). Research article abstracts in applied linguistics and educational technology: A study of linguistic realizations of rhetorical structure and authorial stance. *Discourse Studies*, 10(2), 231–250. https://doi.org/10.1177/1461445607087010
- Raimes, A. (2004). *Grammar troublespots: A guide for student writers*. Cambridge University Press.
- Ramadhini, T. M., Wahyuni, I. T., Ramadhani, N. T., Kurniawan, E., Gunawan, W., & Muniroh, R. D. D. A. (2021, April). The rhetorical moves of abstracts written by the authors in the field of hard sciences. In *Thirteenth Conference*

- on Applied Linguistics (CONAPLIN 2020) (pp. 587-592). Atlantis Press.
- Richards, J. C., & Schmidt, R. W. (2013). Longman dictionary of language teaching and applied linguistics. Routledge.
 - Sabila, N.A.A. (2020). *Move Analysis of Tourism Research Article Abstracts in National and International Journal Articles* (Undergraduate's thesis). Universitas Pendidikan Indonesia, Bandung, Indonesia. Retrieved from http://repository.upi.edu.
- Salager-Meyer, F. (1992). A text-type and move analysis study of verb tense and modality distribution in medical English abstracts. *English for Specific Purposes*, 11(2), 93–113. https://doi.org/10.1016/S0889-4906(05)80002-X
- Santos, M. B. D. (1996). The textual organization of research paper abstracts in applied linguistics. *Text*, *16*(4), 481–499. https://doi.org/10.1515/text.1.1996.16.4.481
- Sidek, H. M., Mat Saad, N. S., Baharun, H., & Idris, M. M. (2016). An analysis of rhetorical moves in abstracts for conference proceedings. *IJASOS-International E-Journal of Advances in Social Sciences*, 2(4). https://doi.org/10.18769/ijasos.80136
- Sidek, H. M. (2018). Entrepreneurial education conference proceedings: A rhetorical moves analysis of abstracts. *International E-Journal of Advances in Social Sciences*. https://doi.org/10.18769/ijasos.401178
- Suherdi, D., Kurniawan, E., & Lubis, A. H. (2020). A genre analysis of research article "findings and discussion" sections written by Indonesian undergraduate EFL students. *Indonesian Journal of Applied Linguistics*, 10(1). https://doi.org/10.17509/IJAL.V10I1.24989
- Suntara, W., & Usaha, S. (2013). Research article abstracts in two related disciplines: Rhetorical variation between linguistics and applied linguistics. *English Language Teaching*, 6(2), 84–99. https://doi.org/10.5539/elt.v6n2p84
- Suryani, F. B., & Rismiyanto, R. (2019). Move analysis of the English bachelor thesis abstracts written by Indonesians. *Prominent*, 2(2).

- https://doi.org/10.24176/pro.v2i2.4229
- Swales, J. (1990). Genre analysis: English in academic and research settings. Language (Vol. 69, Issue 1). https://doi.org/10.2307/416471
- Swales, J., & Feak, C. (2009). Abstracts and the writing of abstracts. *Abstracts and the Writing of Abstracts: Vol. I.* The University of Michigan Press. https://doi.org/10.3998/mpub.309332
- Swales, J. M. (2004). *Research genres: Explorations and applications*. Cambridge University Press.
- Swan, M. (2005). Practical English usage. Oxford University Press.
- Tankó, G. (2017). Literary research article abstracts: An analysis of rhetorical moves and their linguistic realizations. *Journal of English for Academic Purposes*, 27. https://doi.org/10.1016/j.jeap.2017.04.003
- Tessuto, G. (2015). Generic structure and rhetorical moves in English-language empirical law research articles: Sites of interdisciplinary and interdiscursive cross-over. *English for Specific Purposes*, 37(1), 13–26. https://doi.org/10.1016/j.esp.2014.06.002
- Thurmond, V. A. (2001). The point of triangulation. *Journal of Nursing Scholarship*, 33(3), 253–258. https://doi.org/10.1111/j.1547-5069.2001.00253.x
- Tseng, F. (2011). Analyses of move structure and verb tense of research article abstracts in applied linguistics. *International Journal of English Linguistics*, *1*(2), 27–39. https://doi.org/10.5539/ijel.v1n2p27
- Tullu, M. (2019). Writing the title and abstract for a research paper: Being concise, precise, and meticulous is the key. *Saudi Journal of Anaesthesia*, *13*(5), S12–S17. https://doi.org/10.4103/sja.SJA_685_18
- University of Washington Library. (2021, March 29). *Citation Styles & Tools:* Which citation style should I use?. University of Washington Library. https://guides.lib.uw.edu/research/citations/citationwhich

- Ventola, E. (1994). Abstracts as an object of linguistic study. *In Writing vs Speaking: Language, Text, Discourse, Communication*, 333–352.
- Wang, S., & Tu, P. (2014). Tense use and move analysis in journal article abstracts. *Taiwan Journal of TESOL*, 11(1990), 3–29.
- Yin, R. K. (2014). Case study research: Design and methods. Los Angeles, CA: Sage.
- Zhang, B; Thuc, Q. B. T. (2012). Moves and linguistic realizations: English research article abstracts by Vietnamese agricultural researchers. *Asian ESP Journal*, 8, 126–149.