

**COGNITIVE RESPONSE TYPES PRODUCED BY AN AUTISTIC TEENAGER
AND ADULT IN DOCUMENTARIES: A COMPARATIVE STUDY**

A Research Paper

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



Shofia Isna Noormuzakky
2004555

**ENGLISH LANGUAGE AND LITERATURE STUDY PROGRAM
FACULTY OF LANGUAGE AND LITERATURE EDUCATION
UNIVERSITAS PENDIDIKAN INDONESIA
2024**

Cognitive Response Types Produced by an Autistic Teenager and Adult in Documentaries: A Comparative Study

Oleh
Shofia Isna Noormuzakky

Sebuah skripsi yang diajukan untuk memenuhi salah satu syarat memperoleh gelar Sarjana Pendidikan pada Fakultas Pendidikan Bahasa dan Sastra

© Shofia Isna Noormuzakky 2024
Universitas Pendidikan Indonesia
September 2024

Hak Cipta dilindungi undang-undang.
Skripsi ini tidak boleh diperbanyak seluruhnya atau sebagian,
dengan dicetak ulang, difoto kopi, atau cara lainnya tanpa ijin dari penulis.

PAGE OF APPROVAL

**COGNITIVE RESPONSE TYPES PRODUCED BY AN AUTISTIC
TEENAGER AND ADULT IN DOCUMENTARIES: A COMPARATIVE
STUDY**

**A Research Paper by
Shofia Isna Noormuzakky
2004555**

**Approved by:
Academic Supervisor**



Dadang Sudana, M.A., Ph.D.

NIP. 196009191990031001

**Head of English Language and Literature Program
Faculty of Language and Literature Education
Universitas Pendidikan Indonesia**



Prof. Eri Kurniawan, S.Pd., M.A., Ph.D.

NIP. 198111232005011002

ABSTRAK

Keterampilan komunikasi diperlukan untuk bertukar konsep, sinyal, pikiran, dan emosi selama percakapan. Hal ini berkaitan erat dengan kemampuan kognitif untuk mengorganisir pengetahuan, pikiran, ide, dan informasi. Namun, setiap orang memiliki perbedaan dalam kemampuan linguistik, terutama dalam hal memberikan respons kognitif. Bagi individu dengan Autistic Spectrum Disorder (ASD), mungkin sulit bagi mereka untuk memberikan respon selama percakapan dalam konteks sosial, terlepas dari usia-dewasa atau remaja. Melalui film dokumenter kasus nyata, penelitian ini bertujuan untuk menemukan apakah ada perbedaan dalam jenis respon kognitif yang dihasilkan oleh individu autis usia dewasa dan remaja. Penelitian ini menggunakan pendekatan kualitatif untuk melihat jenis-jenis respon kognitif yang dihasilkan oleh kedua subjek dengan menggunakan teori Rothwell (2000) tentang Central Coherence Deficit. Tujuannya adalah untuk mengidentifikasi jenis-jenis respon kognitif yang dihasilkan, perbedaan yang terjadi, dan bagaimana hubungannya dengan konteks sosial. Hasil penelitian menunjukkan hanya ada sedikit perbedaan antara respon kedua subjek. Orang dewasa autis menghasilkan jumlah CR dan CDI dalam jumlah yang sama, dengan CI sebagai tipe yang paling sedikit. Seorang remaja autis juga menghasilkan CI paling sedikit, tetapi dia menghasilkan CDI lebih sedikit daripada CR. Presentasi hasil ini dipengaruhi oleh faktor konteks sosial, termasuk latar, subjek, dan topik pembicaraan. Hasil dari hubungan konteks sosial akan dibahas lebih lanjut dalam skripsi ini.

Kata kunci: *defisit koherensi sentral, gangguan spektrum autistik, konteks sosial, respons kognitif.*

ABSTRACT

Communication skills are required to exchange concepts, signals, thoughts, and emotions during a conversation. It is closely linked to cognitive abilities to organize knowledge, thoughts, ideas, and information. However, people have differences in linguistic ability, particularly in terms of giving cognitive responses. For individuals with Autistic Spectrum Disorder (ASD), it can be difficult for them to give responses during a conversation in a social context, regardless of age—adults or teenagers. Through actual case documentaries, this study aims to discover whether there are differences in the kinds of cognitive responses produced by adult and teenage autistic individuals. This study used a qualitative approach to examine the cognitive response types produced by both subjects by using Rothwell's (2000) theory of Central Coherence Deficit. The purpose is to identify the types of cognitive responses produced, the differences that occurred, and how they relate to social contexts. The results show there were few differences between the two subjects' responses. The autistic adult produced the same amount of CR and CDI, with CI being the least frequent. An autistic teenager also produced CI the least frequently, but CDI occurs less than CR. This result presentation was influenced by the social context's factors, including setting, subject, and topic of the conversation. The results of social context relation were discussed in further detail in this paper.

Keywords: *autistic spectrum disorder, central coherence deficit, cognitive responses, social contexts.*

TABLE OF CONTENTS

ABSTRACT.....	ii
TABLE OF CONTENTS.....	iv
INTRODUCTION.....	1
LITERATURE REVIEW.....	3
METHOD.....	6
3.1 Research Design	6
3.2 Data Collection	6
3.3 Data Analysis.....	6
FINDINGS AND DISCUSSION.....	8
4.1. The Types of Response Produced by Each Subject.....	8
4.1.1 The Types of Responses Produced by an Autistic Adult.....	8
4.1.2 The Types of Responses Produced by an Autistic Teenager.....	13
4.2 The Differences of Cognitive Response Types Produced by an Autistic Adult and Teenager.....	17
4.3 The Relationship Between The Cognitive Responses Types Produced by Both Subjects and The Contexts.....	19
4.3.1 The Relationship Between The Social Context and The Cognitive Responses in an Autistic Adult (Marcus)	20
4.3.2 The Relationship Between The Social Context and The Cognitive Responses in an Autistic Teenager (Christopher)	21
CONCLUSION.....	24
REFERENCES.....	26

LIST OF TABLES

Table 1. The types of cognitive responses produced by an autistic adult in <i>Life with Autism</i> (2019) documentary.....	8
Table 2. The types of cognitive response produced by an autistic teenager in <i>Life with Autism Brings Happiness to Everyone</i> (2020) documentary.....	16
Table 3. The types of cognitive responses produced by an autistic adult (Marcus) in <i>Life with Autism</i> (2019) documentary.....	23
Table 4. The types of cognitive responses produced by an autistic teenager (Chris) in <i>Life with Autism Brings Happiness to Everyone</i> (2020) documentary.....	23
Table 5. The presentation of response types' appearance in each scene (Adult).....	26
Table 6. The presentation of response types' appearance in each scene (Teenage).....	28

References

- Breckler, S. J., & Wiggins, E. C. (1991). Cognitive Responses in Persuasion: Affective and Evaluate Determinants. *Journal of Experimental Social Psychology* 27, 180.
- Donoso, J., Rattray, F., de Bildt, A., Tillmann, J., Williams, P., Absoud, M., & Totsika, V. (2023). Association of cognitive and adaptive skills with internalizing and externalizing problems in autistic children and teenagers. *Autism Research*. <https://doi.org/10.1002/aur.3056>
- Fitrianingsih. (2018). A Psycholinguistic Analysis of Functional Delayed Echolalia and Autistic Responses in Barry Levinson's Rain Man Movie. *English Language & Literature Journal Vol. VII No.4*, 420-423.
- Husna, S., Lbs, B., Zulkarnain, I., & Rahmawati, W. T. (2022). *Excellence Journal of English and English Education Psycholinguistic Analysis on Language Disorder of The Main Character with Asperger Syndrome in "Please Stand By" Movie*. 2(1), 2807–2103.
- Jeannette, S., El-Raziq, M. A., Castroviejo, E., Durrleman, S., Ferre, S., Grama, I., . . . Tuller, L. (2023). Language in Autism: Domains, Profiles, and Co-occurring Conditions. *Journal of Neutral Transmission*, 433-436.
- Kiswandari, F. N. (2014). *A Psycholinguistic Analysis of an Autistic Person's Language in Temple Grandin Movie*. Yogyakarta: Yogyakarta State University.
- McArthur, G. E., Lee, E., & Laycock, R. (2023). Autism Traits and Cognitive Performance: Mediating Roles of Sleep Disturbance, Anxiety and Depression. *Journal of Autism and Developmental Disorders*, 53(12), 4560–4576. <https://doi.org/10.1007/s10803-022-05742-5>
- Prochnow, A. (2014). An Analysis of Autism Through Media Representation. *Journal Storage*, 133.
- Rabbanyyah, A. F., Zamruddin, M. P., & Setyowati, R. (2023). Speech Errors Analysis Produced by Autistic Character in What's Eating Gilbert Grape? Film. *Journal of Language, Literature, Arts, and Culture*, 1385-1390.

Shofia Isna Noormuzakky, 2024

COGNITIVE RESPONSE TYPES PRODUCED BY AN AUTISTIC TEENAGER AND ADULT IN DOCUMENTARIES: A COMPARATIVE STUDY

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Rothwell, A. D. (2000). *Latter Discourse: Talk and Text (Studies on Spoken and Written Discourse)*. Cuenca: Impreso en espana.
- Silverman, R. M., & Patterson, K. (2021). *Qualitative Research Methods for Community Development (2nd Edition)*. New York: Routledge.
- Štánerová, E., & Jakubek, M. (2023). Cognitive processes among children with autism spectrum disorder. *Journal of Autism*, 10(1), 2. <https://doi.org/10.7243/2054-992x-10-2>
- Tania, E., & Hermaliza. (2021). Analysis of Discourse Context in Books Collecting Regional Folk Tales Throughout Riau Province. *Journal of Language Education, Linguistics, and Culture (J-LELC)*, 68.
- Vahlevi, R., Natsir, M., & Setyowati, R. (2020). *The Errors of Speech Production in Dory's Utterances of Finding Dory Movie (Vol. 4)*.