

**ENGLISH READING MISCUE ANALYSIS  
ON AUTISTIC SPECTRUM DISORDER (ASD) STUDENTS  
AT THE INCLUSIVE SCHOOL GALUH HANDAYANI  
SURABAYA: A CASE STUDY**

**THESIS**

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## **ABSTRACT**

Astiwidya, Virandha Dea Ayu. (2014). **English Reading Miscue Analysis on Autistic Spectrum Disorder (ASD) Students at the Inclusive School Galuh Handayani Surabaya: A Case Study.** Study Program of English, Department of Languages and Literatures, Faculty of Cultural Studies, Universitas Brawijaya. Supervisor: Ismarita Ida Rahmiati Co-supervisor: Fatimah.

**Keywords:** Reading, Miscue Analysis, Retrospective Miscue Analysis (RMA), Autistic Spectrum Disorder (ASD), Inclusive School Galuh Handayani Surabaya.

Reading habit potentially grants a big contribution in increasing human knowledge. Reading is necessary to be improved since it is trusted as a window of world knowledge which aims to gain the insight source. Miscue analysis is used as a guidance that can encourage the reader to manage his or her own reading development ability. The instructions on Retrospective Miscue Analysis (RMA) comprising reading text aloud, retelling and discussion session are used in the study since it intensively contributes to the readers in developing their reading skill. This study purports, first, to find out miscues types and second, to identify the factors contributing the miscue production by college Autistic Spectrum Disorder (ASD) students at the inclusive school Galuh Handayani Surabaya.

In drawing the trustworthy results, the writer applied RMA theory (1969) and Kern's theory (1988). The study was designed by using qualitative approach and a case study in order to gain more comprehensive and detail results. In collecting the data, the writer selected two ASD students with Asperger types who were qualified to participate in the study. The data were originated from all utterance of two participants while doing all activities in RMA procedure which are taken on recording process, and then they are transformed into transcription.

The students made 129 miscues consisting of six types of miscues. Those miscues were 62 (48%) omissions, 46 (36%) substitutions, 10 (8%) self-corrections, 5 (4%) reversals, 4 (3%) insertions, 2 (1%) repetitions. The results of factor identification showed linguistic, affective and cognitive factors as the three main factors contributing miscue production. The results of the study showed that even good reader at the level of autism made miscues. Eventually, the finding could not be generalized as the whole case for autism.

The writer recommends the next writer who wants to conduct a study in a similar concentration to examine different subjects using RMA based on various facets.

## ABSTRAK

Astiwidya, Virandha Dea Ayu. (2014). **Analisa Kekeliruan Membaca Bahasa Inggris pada Mahasiswa Autistic Spectrum Disorder (ASD) di Sekolah Inklusif Galuh Handayani Surabaya: Studi Kasus.** Program Studi Sastra Inggris, Jurusan Bahasa dan Sastra, Fakultas Ilmu Budaya, Universitas Brawijaya. Pembimbing (I) Ismarita Ida Rahmiati, (II) Fatimah.

Kata Kunci: Membaca, Analisa Kekeliruan, *Retrospective Miscue Analysis (RMA)*, *Autistic Spectrum Disorder (ASD)*, Sekolah Inklusi Galuh Handayani Surabaya.

Kebiasaan membaca berpotensi memberikan kontribusi yang relatif besar dalam meningkatkan pengetahuan manusia. Membaca perlu ditingkatkan karena dipercaya sebagai jendela pengetahuan dunia yang bertujuan untuk mendapatkan sumber wawasan. Analisa kekeliruan digunakan sebagai pedoman yang dapat mendorong pembaca untuk mengelola sendiri pengembangan kemampuan membacanya. Instruksi pada *Retrospective Miscue Analysis (RMA)* meliputi membaca teks keras, menceritakan kembali dan sesi berdiskusi yang mana berkontribusi secara intensif untuk pembaca dalam mengembangkan kemampuan membaca mereka. Penelitian ini dimaksudkan, pertama, untuk mengetahui jenis kekeliruan dan kedua, mengidentifikasi faktor-faktor yang berkontribusi dalam produksi kekeliruan oleh mahasiswa autis pada perguruan tinggi di sekolah inklusif Galuh Handayani Surabaya.

Dalam menarik hasil penelitian yang terpercaya, penulis menggunakan teori RMA (1969) dan teori Kern (1988). Penelitian ini dirancang dengan menggunakan pendekatan kualitatif dan studi kasus untuk mendapatkan hasil penelitian yang lebih komprehensif dan detil. Dalam sesi pengumpulan data, penulis memilih dua siswa ASD tipe *Asperger* yang memenuhi syarat untuk berpartisipasi dalam penelitian ini. Data berasal dari transkrip dari semua ucapan dua peserta saat melakukan semua kegiatan dalam prosedur RMA

Mahasiswa membuat 129 kekeliruan, diantaranya adalah 62 (48%) penghilangan, 46 (36%) penggantian, 10 (8%) pemberaran sendiri, 5 (4%) pembalikan, 4 (3%) sisipan dan 2 (1%) pengulangan. Hasil identifikasi faktor menunjukkan, linguistik, afektif dan kognitif adalah sebagai tiga faktor utama yang berkontribusi pada produksi kekeliruan. Hasil penelitian menunjukkan bahwa bahkan pembaca yang baik pada tingkat autis dapat melakukan kekeliruan. Hasil temuan tersebut tidak bisa digeneralisasikan sebagai hasil keseluruhan kasus untuk autis.

Penulis menyarankan untuk penulis berikutnya yang ingin melakukan penelitian dengan konsentrasi yang sama untuk menguji menguji subyek yang berbeda dengan menggunakan RMA ditinjau dari berbagai aspek.

## REFERENCES

- Adams, M. J. (1990). Beginning to read: thinking and learning about the print. Cambridge, MA: Massachusetts Institute of Technology Press.
- Albright, L. K. (2002). Bringing the Ice Maiden to life: engaging adolescents in learning through picture book read-alouds in content areas. *Journal of Adolescent and Adult Literacy*, 45, 418-428.
- American Psychiatric Association. (1994). Diagnostic and statistical manual for mental disorders (4<sup>th</sup> ed.). Washington DC.
- Ary, Donald., Jacobs, Lucy Cheser,. and Razavieh, Asghar. (2002). *Introduction to research in education, sixth edition*. United States of America: Wadsworth Group.
- Baker, R. G. (1980). *Orthographic awareness*. Oxford: Oxford University Press.
- Crawford, K. (2003). ‘The role and purpose of textbooks’, *International Journal of Historical Learning, Teaching and Research*, Vol.3, No 2, pp. 5-11.
- Creswell, W.J. (2002). *Educational research, planning, conducting and evaluating quantitative and qualitative research*. New Jersey: Merrill Prentice Hall.
- Deleo, Danielle. (2013). Influence of retrospective miscue analysis on a student’s perception of himself as a reader. *Journal of Education and Development*: State University of New York, paper 324.
- Department for education and skills. *Miscue analysis*. Retrieved March 17<sup>th</sup>, 2014 from  
<http://rwp.excellencegateway.org.uk/resource/Diagnostic+assessment%3A+literacy%3A+materials+for+assessing+reading+using+miscue+analysis/pdf/>
- Durgunoglu, Aydin Y., and Hanchin-Bhatt, Barbara J. (1992). *The role of first language in the second-language reading process*. Illinois: University of Illinois at Urbana-Champaign Library.
- Ferguson, Angela., Harding, Elisa., Helmer, Kimberly., and Suh, Soo Jung. (2003). Miscue analysis of native and non-native speakers. *Arizona Working Papers in SLAT Student Association, vol.10*.

- Field, John. (2004). *Psycholinguistics*. London and New York: Routledge Taylor and Francis Group.
- Goodman, Yetta M. (2008). *Retrospective miscue analysis: an overview*. Retrieved February 10<sup>th</sup> 2014, from [www.rcowen.com/.../RMA-OverviewChapter](http://www.rcowen.com/.../RMA-OverviewChapter)
- Goodman, K. (1969). *Analysis of oral reading miscues: applied psycholinguistics*. *Reading Research Quarterly* 5, 9-30.
- Goodman, K. S., and Burke, C. L. (1973). *Appendix for theoretically based studies of patterns of miscues in oral reading performance*. Wayne State University, U.S. Department of Health, Education and Welfare.
- Goodman, Kenneth S. (1973). *Miscue analysis: applications to reading instruction*. ERIC and NCTE: Washington, D.C.
- Goodman, Kenneth S. (1976). *Reading: A psycholinguistic guessing game*. International Reading Association.
- Hapsari, Dwi.S. (2013). *Reading miscue analysis of second semester students in study program of English Universitas Brawijaya*. Unpublished thesis, Malang: Universitas Brawijaya.
- Huszti, Ilona. (2008). The micro level of reading miscues: case studies of six learners, *Journal of WoPaLP* vol. 2.
- Huszti, Ilona. (2009). *The use of learner reading aloud in the English lesson: a look at the micro and macro levels of oral reading*. Ungvar: Poliprint.
- Johnson, Andrew P. (n.d.). *Chapter 1: Reading and your brain – the transactive model*. Retrieved February 22<sup>nd</sup> 2014 from [http://www.opdt-johnson.com/Ch\\_1\\_Understanding\\_Reading.pdf](http://www.opdt-johnson.com/Ch_1_Understanding_Reading.pdf)
- Just, M. A. and Carpenter, P. A. (1987). The psychology of reading and language comprehension. Boston: Allynand Bacon.
- Kern, Richard.G. (1988). Foreign language reading: linguistic, cognitive, and affective factors which influence comprehension. *Educational Resources Information Center*. Barkley: University of California.
- Koyama, Alain. (2009). A Review on the cognitive neuroscience of autism. *Activitas Nervosa Superior*, 51:4, 125-139.
- Mante, Joahna S. (2006). Reflecting on miscues in content area readings: a case of two learners. *The Asia-Pacific Education Research*, 15(1), 183-206.

- McAleer, Anna Marie Louise. (2009). Running records for assessment ‘as’ learning: examining student metacognition through retrospective miscue analysis. University of Victoria. Retrieved March 6<sup>th</sup> 2014 from <https://dspace.library.uvic.ca:8443/bitstream/handle/1828/1910/McAleer%20Dspace%20Project.pdf?sequence=1>
- Miramontes, Ofelia B. (1990). A comparative study of English oral reading skills in differently schooled groups of hispanic students. *Journal of Reading Behaviour, vol. XXII, no. 4.*
- Moore, Rita A., and Aspegren, Christine M., (2001). Reflective conversations between two learners: retrospective miscue analysis. *Journal of Adolescent and Adult Literacy, 44:6.*
- Moore, R., and Brantingham, K. (2003). Nathan: a case study in reader response and retrospective miscue analysis. *Reading Teacher, 56(5), 466-474.*
- Moore, Rita A., and Gilles, Carol. (2005). *Reading conversation: retrospective miscue analysis with struggling reader.* United States of America: Heinemann.
- Otto, Jean. (1977). Reading cue utilization by low-achieving college freshmen. *Journal of Reading Behavior IX, 1.*
- Polkinghorne, D. (1983). Methodology for the human sciences. Albany, NY: Human Sciences Press.
- Qiuyan, Yan, and Junju, Wang. (2011). Investigating the miscue –reflected EFL oral reading process: a case study. *Chinese Journal of Applied Linguistic, vol. 34 No.2.*
- Sudarwati, Th. M. and Grace, Eudia. (2007). *Look ahead 3 - an English course – for senior high school students year XII.* Jakarta: Erlangga.
- Theurer, John Leikam. (2002). The power of retrospective miscue analysis one preservice teacher’s journey as she reconsiders the reading process. *The reading matrix, vol. 2 no. 1.*
- Taylor, S.E. (2006). *Fluency in silent reading.* Winooski, VT: Taylor Associates/Communications, Inc.
- TSA. (1999). *Teaching students with autism. A guide for educators.* Saskatoon and Regina SK: The Special Education Unit of Saskatchewan Education.

- Walker, Laurece. (1975). Newfoundland dialect interference in oral reading. *Journal of Reading Behaviour*. Vol.VII, 1.
- Wallace, Chaterine. (1989). Learning to read in a second language: a window on the language acquisition process. *Reading in a Foreign Language*, 5(2).
- Weaver, Constance. (2009). *Reading process brief edition of reading process and practice, Third edition*. Ohio: Heinemann Prtsmouth, NH.
- Wu, X. and Anderson, R. C. (2007). Reading strategies revealed in Chinese children's oral reading. *Literacy Teaching and Learning*, 12(1), 48-72.
- Wurr, A.1., Theurer, J.L., and Kim, K.1. (2009). Retrospective miscue analysis with proficient adult esl readers. *Journal of Adolescent and Adult Literacy*, 52(4),324-333.
- Yildirim, Asst. Prof. Dr. Kasim, and Ates, Dr. Seyit. (2012). Silent and oral reading fluency: which one is the best predictor of reading comprehension of turkish elementary students?. *International Journal on New Trends in Education and Their Implications*, vol. 3, issue: 4.
- Zumakhsin and Mufarichah, Yulia. (2007). *Progress a-contextual approach to learning English – an English textbook for senior high school*. Jakarta: Ganeca exact.