

**THE CORRELATION BETWEEN ENGLISH WRITING ABILITY LEVELS AND  
EFL LEARNERS' METACOGNITIVE BEHAVIOR IN WRITING PROCESS OF  
STUDENTS OF ENGLISH EDUCATION STUDY PROGRAM IN SRIWIJAYA  
UNIVERSITY**

**A Thesis by**

**AYU LESTARI**

**06011281419053**

**English Education Study Program**

**Language and Arts Education Department**



**FACULTY OF TEACHER TRAINING AND EDUCATION**

**SRIWIJAYA UNIVERSITY**

**INDRALAYA**

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**INDRALAYA**

**2018**

Approved by,

Advisor 1,



Dr. Rita Inderawati, M.Pd.  
NIP. 196704261991032002

Advisor 2,



Eryansyah, S.Pd, MA., Ph.D.  
NIP. 196907181995121001

Certified by,

Head of Language and Arts Education  
Department,

Dr. Didi Suhendi, S.Pd., M. Hum.  
NIP. 196910221994031001

Head of English Education Study  
Program,



Hariswan Putra Jaya, S.Pd., M.Pd  
NIP. 197408022002121001

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**AYU LESTARI**

Student Number: 06011281419053

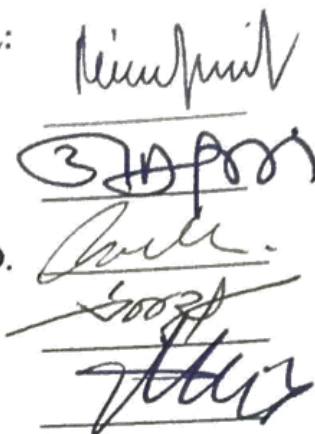
This thesis was defended by the writer in the final program examination and was approved by examination committee on:

Day:

Date:

**EXAMINATION COMMITTEE APPROVAL:**

1. Chairperson : Dr. Rita Inderawati, M.Pd
2. Secretary : Eryansyah, S.Pd., MA., Ph.D.
3. Member : Machdalena Vianty, M.Ed., M.Pd., Ed.D.
4. Member : Soni Mirizon, M.A., Ed.D.
5. Member : Bambang A. Loeneto, M. A., Ph. D.



Certified by,

Head of English Education Study Program,



Hariswan Putera Jaya, S.Pd., M.Pd.

NIP. 197408022002121003

## DECLARATION

I, the undersigned

Name : Ayu Lestari  
Student Number : 06011281419053  
Study Program : English Education

certify the thesis entitled "*The Correlation Between English Writing Ability Levels And EFL Learners' Metacognitive Behavior In Writing Process Of Students Of English Education Study Program In Sriwijaya University*" is my own work and I didn't do any plagiarism or inappropriate quotation against the ethic and rules by the Ministry of Education of Republic Indonesia of Number 17, 2010 regarding plagiarism in higher education. Therefore, I deserve to face the court if I am found to have plagiarized this work.

Indralaya, April 2018

The Undersigned,



Ayu Lestari

06011281419053

## **DEDICATIONS**

This thesis is dedicated to:

- Allah SWT and the prophet Muhammad SAW for all the blessing of the prayers I have made to finish this study.
- My great and dearest mom and dad, Risman Sayuti and Hasiah Baijuri for all the never-ending supports, prayers, love, and everything you have given to me.
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The writer,

Ayu Lestari

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**ABSTRACT**

*The purpose of this study was to find out whether or not there was a significant correlation between English writing ability levels and EFL learners' metacognitive behavior in writing process of students of English Education Study Program of FKIP in Sriwijaya University, and to find out the contribution of students' metacognitive behavior to their writing ability levels. The sample of this study was 85 sixth semester students of English Education Study Program of FKIP in academic year 2017/2018. The study used a quantitative research method of correlational design. The data were collected by distributing metacognitive behavior questionnaire and a writing test which were analyzed statistically. The results of correlational analysis showed that there was a weak significant correlation between students' metacognitive behavior in writing process and writing ability level with  $r$  obtained = 0.383 and  $p$ -value = 0.000. Furthermore, the results of regression analysis showed that there was 14.7% of students' writing ability level was influenced by their metacognitive behavior. In summary, EFL learners' metacognitive behavior in writing process was significantly correlated and contributed to writing ability levels.*

**Keywords:** *Correlation, Metacognitive Behavior, Writing Ability Levels.*

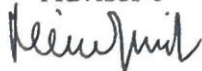
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A Thesis by An English Education Study Program Student, Faculty of Teacher Training and Education, Sriwijaya University

Name : Ayu Lestari  
Student's Number : 0601128141953

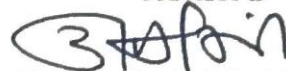
Approved by,

Advisor 1



Dr. Rita Inderawati, M.Pd.  
NIP. 196704261991032002

Advisor 2



Eryansyah, S.Pd, MA., Ph.D.  
NIP. 196907181995121001

Certified by,

Head of English Education Study Program,



Hariswan Putra Jaya, S.Pd., M.Pd  
NIP. 197408022002121003

## **CHAPTER I**

### **INTRODUCTION**

This chapter presents (1) background, (2) problem of the study, (3) objective of the study, and (4) significance of the study.

#### **1.1 Background**

Language is a primary source of communication as one crucial part in our life in order for us to communicate and share ideas. Mirabela and Ariana (2013) state that in past few decades, contacts between people of different cultural and linguistic backgrounds have increased, therefore intercultural competence of people in a country need to be developed. Learning and mastering English as the international language is one of the ways to develop the competence. English has become a language used in many countries as a native language, second language, or foreign language. It is very important to each individual to learn English, especially for people who involve in businesses overseas or those who want to continue their studies in English speaking countries. In Indonesia, English is taught in class as a foreign language to students in elementary school, secondary school and higher education.

Students are expected to fulfill the needs in mastering all the skills in English. Skills in English are divided into four, they are production skills (writing and speaking) and receptive skills (reading and listening). The skills are written on the curriculum of Indonesian education and must be assembled by students to master the language. According to Standard of Content establishment (Kemendikbud, 2015), EFL instruction is expected to meet the needs to master all the four language skills, and the four skills need to be taught in an integrated way. Megawati and Mandarani (2016) state that a communication can be done only if a person is mastering the four skills of language that are listening, reading, writing and speaking. Beside the students themselves, these requirements make all education proponents such as parents, teachers and institutions responsible for students' success in learning English language.

According to Lerner (1997), writing is the most skilled and complex achievement in the language composition. English writing needs the coordination of its aspects which makes it very important for teachers and institutions to upgrade student's competence. Also, it is necessary for students, especially in Palembang to be fluent in all skills of English. Writing needs more attention from students, especially for higher education because they need English more when they have entered their working world than those who are still in elementary and secondary school. Writing is as important as reading, speaking and listening in English language learning. Writing is one problem students often face because of the difficulties in understanding the text due to their lack of knowledge about the text and how to develop their ideas and thought in many sentences of their writing. Based on Yuliani and Fitriana (2017), students in Palembang, Indonesia still have low writing ability and the problems of the students' low writing ability are because of limited vocabulary, grammar, and they feel shy of getting wrong during the writing process. Carless (2006) also states that students in Hongkong seldom know how to do their next assessments because of the lacks of comments and unclear written feedback in their paper. Additionally, students do not have the confidence about their writing result, they feel too shy to ask about what they do not understand about their writing (Fajri, Inderawati, & Mirizon, 2015).

A writer needs to have the knowledge of what and how to write something to produce a good writing, and it can be obtained by reading. Based on the result of a research by Umbara, Vianty, and Inderawati (2015), students actually realize about the important of reading as they like to improve their knowledge through reading. School literacy movement outlined in Ministry Regulation of Indonesia number 23 (Kemendikbud, 2015) also suggested that every school provides 15 minutes of reading time before school starts, it seems to be neglected by both educational proponents (school, teacher, parents, etc.) and students themselves. A study of Central Connecticut State University by Miller and McKenna (2016) reveals that in reading interest, Indonesia ranks 60<sup>th</sup> out of 61 countries which told us that Indonesia has a really low reading literacy compared to another country in

the world. This kind of conditions shows that students have low reading interest which makes them possibly have low writing ability.

There are some strategies which have been conducted by researchers to improve students' writing ability. One of them is by employing cognitive and metacognitive strategies in the writing process. In order to meet the standards of writing competence for EFL learners, there is a cognitive process writing model suggested by Flower and Hayes (1981) to give insights in the ways writers do the activities of planning, generating, and revising in the process of writing. Taylor (2005) defines cognitive process as the process of getting knowledge through our thought, experience, and sense. This process is considered important because writing needs those aspects during producing an English writing. Sitko (1998) states that providing instruction in metacognition is a way to encourage students so they can engage in the cognitive process. A study conducted by Siegesmund (2016) showed that metacognition influences students' belief and behavior with positive impacts on learning. Each stage in writing process requires thinking as it is called that "Writing is applied metacognition" (Hacker, Keener, & Kircher, 2009). Wei, Shang, and Briody (2012) state that metacognition includes metacognitive knowledge and metacognitive behavior. Lu and Tseng (2004) defines metacognitive knowledge as knowing what one knows while metacognitive behavior as manipulating precisely what one knows.

Metacognitive behavior is often used by all writers during the production of writing. Flower and Hayes (1981) propose the three stages of cognitive process during writing process. They are planning, translating, and reviewing which included in metacognitive behavior that is used by writers in producing a composition. It can be known that metacognitive behavior controls our activities during writing process which by developing it will make our writing either good or bad in the composition. The result of a research by Tuysuzoglu and Greene (2015) showed that adaptive metacognitive behavior positively related to students' learning. Additionally, Mekala, Shabitha, and Ponmani (2016) conducted a research which reveals that there is a significant correlation between effective metacognitive strategies and the development of skill in writing. Metacognitive behavior of EFL

learners is related and gives contributions to writing ability level of students. Based on Sasaki (2000), high-proficient writers spends much more time in the planning stage of writing process than the low-proficient writers. Regarding to the translating stage in writing process, research conducted by Wu (2007) shows that the major difference between high-proficient and low-proficient writers is that more low-proficient writers choose to write the word firstly in Chinese which is their native language, and they tried to find an appropriate English word later. The result of research by Chen (2003) in the reviewing stage, it is showed that all of the high-proficient writers evaluate their writing, and 90% of them revise their mistakes to produce a better writing performance, while only 10% of the low-proficient writers do so. Furthermore, research by Wei et al. (2012) reveals that high-level rather than intermediate- and low-proficient writers make better use of metacognitive behavior in the stages of writing process. Therefore, metacognitive behavior considered as one of the factors in improving students' writing ability levels.

The researcher had conducted a preliminary study interview to a lecturer of Faculty of Teacher Training and Education who teaches writing 2 and writing 3 to English Education Study Program students of FKIP in Sriwijaya University. Students in the class were asked to write a paragraph at the beginning of class. The result showed that they can write the paragraph, but not in a correct grammar and a systematic way. The lecturer applied instructions in metacognition and used some strategies such as observation, peer feedback, and interview during students' writing process in the class. Students were asked to draft their writing based on the instructions. At the end of the class, it is showed that students' writing ability level are increased that they know the way how to write academically and apply their knowledge into their writing which resulted a good academic writing. Therefore, it indicated that metacognitive behavior as the application of students' knowledge in writing process is related to their writing ability level.

Based on the explanation above, the researcher was interested to investigate the correlation between EFL learners' writing ability level and their use of metacognitive behavior. This research aimed to find out whether or not metacognitive behavior has the correlation with the level of writing ability of



Indonesian EFL learners. Also, the researcher wanted to know whether or not metacognitive behavior will improve students' writing ability level. The writer also considered the topic because of the few research that was conducted on investigating the impact of metacognitive behavior to writing ability level.

The sixth semester students of English Education Study Program of FKIP in Sriwijaya University was selected as the population in the present study because they came from different background which provided the different writing ability level of English writing. Also, the students had studied the subjects of writing 2 and now studying writing 3 which facilitate them in drafting steps of writing as metacognitive behavior in writing process which gave the researcher more reasonable and trusted data in the research. Based on the description above, the researcher was interested in conducting a research entitled "The correlation between writing ability level and metacognitive behavior of sixth semester students of Sriwijaya University"

## **1.2 Problems of The Study**

The research questions were formulated in the following questions:

1. Was there any significant correlation between metacognitive behavior in writing process and English writing ability levels of sixth semester students of English Education Study Program of FKIP in Sriwijaya University?
2. Was there any significant contribution of metacognitive behavior in writing process to English writing ability levels of sixth semester students of English Education Study Program of FKIP in Sriwijaya University?

## **1.3 Objectives of The Study**

Based on the problems above, the objectives of this research were:

1. To find out whether or not there was a significant correlation between metacognitive behavior in writing process and English writing ability levels of

sixth semester students of English Education Study Program of FKIP in Sriwijaya University.

2. To find out whether or not there was a significant contribution of metacognitive behavior in writing process to English writing ability levels of sixth semester students of English Education Study Program of FKIP in Sriwijaya University.

#### **1.4 Significance of the Study**

The researcher expects that the research will be helpful for students, teachers, lecturers, institutions, and other researchers. Firstly, it is important for students to know the correlation between metacognitive behavior and their English writing ability levels to improve their ability of English language learning. The second is for teachers and lecturers, it is expected that they can make various strategies of English teaching therefore students can increase their English competence. The third is for the institutions, they can use the result of the study as the source for the students. The last is that the researcher hopes the result of this research can be one of the references with the same topic or title to help researchers in alternating their research in the future. In summary, the researcher conducted the study with many considerations so that it can be used well by many parties in the future.

## REFERENCES

- Arikunto, S. (2006). *Prosedur penelitian: Suatu pendekatan praktek*. Jakarta, Indonesia: Rineka Cipta.
- Arikunto, S. (2010). *Prosedur penelitian: Suatu pendekatan praktik*. Jakarta, Indonesia: Rineka Cipta.
- Brown, H. D. (2004). *Principle of language learning and teaching*. Englewood Cliffs, NJ: Prentice Hall.
- Carless, D. (2006). Differing perceptions in the feedback process. *Studies in Higher Education*, 31(2).
- Chao, C. L. (1993). *The psychological process of writing in college students*. (Master's degree), National Chung Cheng University, Chiayi, Taiwan.
- Chen, F. R. (2003). A study of the writing process and audiences' awareness of the writers with different abilities. *Journal of National Taipei Teachers College*, 16(1), 63-88.
- Chin, Y. M. (2003). *The effect of metacognitive strategy instruction on EFL writing: A case study*. (Master's degree), National Tsing Hua University, Hsinchu, Taiwan.
- Creswell, J. W. (2012). *Educational research: planning, conducting and evaluating quantitative and qualitative research fourth edition*. Boston, MA: Pearson Education, Inc.
- Dornyei, Z. (2007). *Research methods in applied linguistics: Quantitative, qualitative and mixed methodologies*. Oxford, England: Oxford University Press.
- Fajri, H. M., Inderawati, R., & Mirizon, S. (2015). The implementation of peer editing technique to improve students' writing achievement. *foreign language*, 2(2).
- Flower, L. S., & Hayes, J. R. (1980). The dynamics of composing: Making plans and juggling constraints. In L. W. Gregg & E. R. Stenberg (Eds.), *Cognitive process in writing*. Hillsdale, NJ: Erlbaum.
- Flower, L. S., & Hayes, J. R. (1981). A cognitive process theory of writing. *College composition and communication*, 32(4), 365-387.
- Fraenkel, J. R., & Wallen, N. E. (2009). *Educational research: A guide to the possess*. New York, NY: McGraw-Hill.
- Gay, L. (1987). *Educational research: Competencies for analysis and application*. Columbus, Ohio: Merrill Pub. Co.
- Guo, S. Y. (1998). *Educational assessment and evaluation*. Taipei, Taiwan: Jinghua.

- Hacker, D. J., Keener, M. C., & Kircher, J. C. (2009). Writing is applied metacognition. In D. J. Hacker, J. Dunlosky & A. C. Graesser (Eds.), *Handbook of metacognition in education* (pp. 154-172). New York, NY: Routledge.
- Hair, J., Money, A., Samuel, P., & Page, M. (2007). *Research methods for business*. New York, NY: John Wiley & Sons, Inc.
- Harmer, J. (2004). *How to teach writing*. Edinburgh, SCT: Pearson Education Ltd.
- Hinton, P. R., Brownlow, C., McMurray, I., & Cozens, B. (2004). *SPSS explained*. New York, NY: Routledge.
- Hornby, A. S. (1974). *Oxford advanced learner's dictionary of current English*. New York, NY: Oxford University Press.
- Hornby, A. S. (2000). *Oxford advanced learner's dictionary of current English*. New York, NY: Oxford University Press.
- Kauffman, D. F., Ge, X., Xie, K., & Chien, C. H. (2008). Prompting in web-based environments: Supporting self-monitoring and problem solving skills in college students. *Journal of Educational Computing Research*, 38(2), 115-137.
- Kemendikbud. (2015). *Peraturan menteri pendidikan dan kebudayaan nomor 23 tahun 2015*. Jakarta, Indonesia: Depdiknas RI.
- Lee, Y. H., & You, Y. L. (2005). *Exploring EFL writers' self-regulation during composing process. Selected Papers from the Fourteenth International Symposium on English Teaching*. Taipei, Taiwan: Crane Publishing Co.
- Lerner, J. (1997). *Learning disabilities: Theories, diagnosis and teaching strategies*. Boston, MA: Houghton Mifflin.
- Lu, I. C., & Tseng, H. C. (2004). The differences in the metacognitive behaviors during writing process among the sixth graders of different writing abilities. *Journal of National Taipei Teachers College*, 17(2), 187-212.
- McMillan, J. H. (1996). *Educational research: Fundamentals for the consumer* (2nd ed.). United State, USA: HarperCollins Publishers Inc.
- Megawati, F., & Mandarani, V. (2016). *Strategies for effective English speaking*. Surabaya, Indonesia: Umsida Press.
- Mekala, M. S., Shabitha, M. P., & Ponmani, M. (2016). The role of metacognitive strategies in second language writing. *GSTF Journal on Education (JEd)*, 4(1).
- Merriam-Webster. (1994). *Merriam-webster's dictionary of English usage*. Springfield, MA: Merriam-Webster, Inc.
- Miller, J. W., & McKenna, C. M. (2016). *World literacy: How countries rank and why it matters*. New Britain, NB: Connecticut State University.

- Mirabela, P. A., & Ariana, S. M. (2013). Benefit of English learning - language proficiency certificates-a prerequisite for the business graduate. *Annals of Faculty Economics*, 1(2), 167-176.
- Moran, M. O., & Soiferman, L. K. (2010). *How an understanding of cognition and metacognition translates into more effective writing instruction*. Manitoba, Canada: Winnipeg Inc.
- Oshima, A., & Hogue, A. (2007). *Introduction to Academic Writing, Third Edition*. New York, NY: Pearson Education Inc.
- Raimes, A. (1990). What unskilled ESL students do as they write: A classroom study of composing. *TESOL Quarterly*, 19(2), 229-254.
- Riduwan. (2010). *Metode dan teknik menyusun tesis*. Bandung, Indonesia: ALFABETA.
- Rivers, W. M. (1981). *Teaching foreign-language skills (2nd ed)*. Chicago, USA: University of Chicago Press.
- Sasaki, M. (2000). Toward an empirical model of EFL writing processes: An exploratory study. *Journal of Second Language Writing*, 9(3), 259-291.
- Scardamalia, M., & Bereiter, C. (1987). *Knowledge telling and knowledge transforming in written composition*. New York, NY: University of Cambridge.
- Siegesmund, A. (2016). Increasing student metacognition and learning through classroom based learning and self-assessment. *Journal of Microbiology and Biology Education*, 17(2), 204-214.
- Sitko, B. (1998). Knowing how to write: metacognition and writing instruction. In D. Hacker, J. Dunlosky & A. Graesser (Eds.), *Metacognition in educational theory and practice*. Mahwah, NJ: Lawrence Erlbaum Associates, Publishers.
- Tarigan, H. G. (1985). *Pengajaran kosakata*. Bandung, Indonesia: PT. Angkasa.
- Taylor, M. T. (2005). *Introducing cognition development*. New York, NY: Psychology Press.
- Tuckman, B. W. (1978). *Conducting educational research (2nd ed.)*. United States, USA: Harcourt Brace Jovanovich, Inc.
- Tuysuzoglu, B. B., & Greene, J. A. (2015). An investigation of the role of contingent metacognitive behavior in self-regulated learning. *Journal of metacognitive and learning*, 10(1), 77-98.
- Umbara, R., Vianty, M., & Inderawati, R. (2015). The corellation among reading attitude, the use of internet and reading comprehension. *The Journal of English Literacy Education (The Teaching and Learning of English as A Foreign Language)*, 2(2).
- Wei, Z. F., Shang, H. F., & Briody, P. (2012). The relationship between English writing ability levels and EFL learners' metacognitive behavior in the

- writing process. *International journal of academic research in progressive education and development*, 1(4), 154-180.
- Widdowson, H. G. (1978). *Teaching language as communication*. Oxford, Ohio: Oxford University Press.
- Wu, Y. W. (2007). *Writing strategies and writing difficulties among college students of differing English proficiency*. (Master degree), National Pingtung Institute of Commerce, Pingtung, Taiwan.
- You, Y. L., & Joe, S. G. (2002). *Skilled writers' metacognitive conditional knowledge and self-regulation*. In *the Proceeding of the Nineteenth Conference on English Teaching and Learning in the Republic of China*. Taipei, Taiwan: Crane Publishing Co.
- Yuliani, S., & Fitriana, M. (2017). The effectiveness of using diary in teaching writing recount text. *SMART journal*, 3(1), 57-61.
- Zhou, L. F. (2006). *The story behind English writing: Effects of three metacognitive learning strategy training on EFL senior high school students*. (Master degree), National Kaohsiung Normal University, Kaohsiung, Taiwan.