THE CORRELATION BETWEEN READING INTEREST AND READING COMPREHENSION AT EFL STUDENTS

## AT IAIN PALANGKA RAYA



## THE CORRELATION BETWEEN READING INTEREST

## AND READING COMPREHENSION AT EFL STUDENTS

## AT IAIN PALANGKA RAYA

## THESIS

Presented to
State Islamic Institute of Palangka Raya
in Partial Fulfillment of the Requirements for the Degree of Sarjana in English Language Education

STATE ISLAMIC INSTITUTE OF PALANGKA RAYA
FACULTY OF TEACHER TRAINING AND EDUCATION
DEPARTMENT OF LANGUAGE EDUCATION
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Thank you for the attention

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## MOTTO AND DEDICATION

"... Allah will exalt in degree those of you who believe, and those who have been granted knowledge ...

(Q.S. A1-Mujadilah: 11)

"Allah is good to those who want to try"

> This Thesis is dedicated to:
> My beloved Father Misrun and Mother
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#### Abstract

Andaresta, D, Natasya. 2020. The Correlation Between Reading Interest and Reading Comprehension At Efl Students At IAIN Palangka Raya. Thesis, Department of Language Education, Faculty of Teacher Training and Eduction, State Islamic Institute of Palangka Raya. Advisor: (I) Aris Sugianto, M.Pd., (II) Akhmad Ali Mirza. M.Pd.

\section*{Keywords : Reading Interest, Reading Comprehension, Correlation Research, Quantitative} Research.

The background of this research is the lack of the students' reading interest so that it affect their reading comprehension. In addition, to find out whether there is a relationship between reading interest and reading comprehension.

The research used correlation research. There were 71 students of $4^{\text {th }}$ semester students from English Education study program at IAIN Palangka Raya as the population of this research. Data were collected using two instrument; Questioner and Reading Test. The data were analyzed by using pearson product moment correlation coefficient.

The result showed that of hypothesis testing show r count amounting to $0.590>\mathrm{r}$ table of 0.234 in the $5 \%$ significance level with $\mathrm{N}=71$ which means the hypothesis is proven. The correlation coefficient is 0.590 indicates that reading interest with reading comprehension ability has a positive relationship. This means that every increase in the independent variable, namely reading interest affected the increase in the variable bound is the ability to read comprehension.

From the research findings showed that there is any correlation of reading interest toward reading comprehension or in other words have a positive relationship between the two variables.


#### Abstract

ABSTRAK

Andaresta, D, Natasya. 2020. Hubungan Antara Minat Baca dan Pemahaman Membaca Pada Mahasiswa Jurusan Bahasa Inggris Di IAIN Palangka Raya. Skripsi, Jurusan Pendidikan Bahasa, Fakultas Tarbiyah dan Ilmu Keguruan, Institut Agama Islam Negeri Palangka Raya. Pembimbing: (I) Aris Sugianto, M.Pd., (II) Akhmad Ali Mirza. M.Pd.

Kata Kunci : Preferensi topik , Kemampuan membaca, Penelitian Korelasi, Penelitian Kuantitatif.

Hal yang melatar belakangi penelitian ini adaah kurangnya minat baca siswa sehingga hal tersebut mempengaruhi kemampuan membaca. Selain itu untuk mengetahui adakah hubungan antara minat baca dengan kemampuan membaca.

Tujuan dari penelitian ini adalah: (1) untuk mengetahui bagaimana preferensi topik mempengaruhi pemahaman bacaan; (2) untuk mengetahui Bagaimana pemahaman membaca mahasiswa semester 4 IAIN Palangka Raya; dan (3) untuk mengetahui apakah ada hubungan antara preferensi topik dengan pemahaman bacaan.

Penelitian ini menggunakan penelitian korelasi. Populasi penelitian ini adalah 71 siswa semester 4 program studi Pendidikan Bahasa Inggris di IAIN Palangka Raya. Data dikumpulkan dengan menggunakan dua instrumen; Angket dan Tes Membaca. Analisis data menggunakan koefisien korelasi product moment pearson.

Hasil pengujian hipotesis menunjukkan bahwa $r$ hitung sebesar $0,590>r$ tabel 0,234 pada taraf signifikan 5\% dengan $\mathrm{N}=71$ yang berarti hipotesis terbukti. Koefisien korelasi sebesar 0,590 menunjukkan bahwa preferensi topik dengan kemampuan pemahaman membaca memiliki hubungan yang positif. Artinya setiap peningkatan variabel bebas yaitu minat baca mempengaruhi peningkatan pada variabel terikat yaitu kemampuan membaca pemahaman.


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Palangka Raya, December $1^{\text {st }} 2020$
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## TABLE OF CONTENT

COVER
COVER (Second Page) ..... ii
ADVISOR APRROVAL ..... iii
THESIS APPROVAL ..... iv
OFFICIAL NOTE ..... v
MOTTO AND DEDICATION ..... vi
DECLARATION OF AUTHORSHIP ..... vii
ABSTRACT ..... viii
ABSTRAK ..... ix
ACKNOWLEDGEMENTS ..... x
TABLE OF CONTENT. ..... xii
LIST OF TABLE ..... xiv
LIST OF APPENDICES ..... xv
LIST OF FIGURES ..... xvi
LIST OF ABBREVATION ..... xvii
CHAPTER I INTRODUCTION
A. Background Of The Study ..... 1
B. Research Problem ..... 5
C. Objective Of The Study ..... 5
D. Hypothesis Of The Study ..... 5
E. Assumption ..... 5
F. Scope And Limitation ..... 6
G. Significance Of The Study ..... 6
H. Definition Of Key Term ..... 7

## CHAPTER II REVIEW OF RELATED LITERATURE

A. Related Study .....  9
B. Reading Interest ..... 16

1. Definition Of Reading Interest ..... 16
2. Importance Of Reading Interest ..... 17
C. Reading Comprehension ..... 18
3. Definition Of Reading Comprehension ..... 18
4. Importence Of Reading Comprehension ..... 18
CHAPTER III RESEARCH METHOD
A. Research Design ..... 19
B. Population And Sample ..... 20
5. Population ..... 20
6. Sample ..... 21
C. Research Instrument ..... 22
D. Data Collection Procedures ..... 29
E. Data Analysis Procedures ..... 31
CHAPTER IV FINDINGS AND DISCUSION
37
A. Data Presentation
37
7. The Result of Reading Interest Questionare .....
8. The Result of Reading Comprehension Test ..... 43
B. Research Findings ..... 52
C. Discusion ..... 55
CHAPTER V CONCLUTION AND SUGGESTION
A. Conclution ..... 59
B. Suggestion ..... 60

## REFERENCES

## APENDICES

## LIST OF TABLES

TABLE Page
3.1 Number Of Population ..... 22
3.2 Instrument Item Scoring ..... 23
3.3 Variables Reading Comprehension ..... 24
3.4 The Procedure Of Collecting Data And Data Source ..... 30
3.5 Instrument Score Inclination Value ..... 33
4.1 Result Of Reading Interest ..... 37
4.2 Distribution of Reading Interest Frequency. ..... 40
4.3 Reading Interest Score Categories ..... 40
4.4 Result Of Reading Comprehension Test. ..... 41
4.9 Reading Comprehension Score category ..... 43
4.6 Normality Test Reading Interest ..... 44
4.7 Normality Test Reading Comprehension ..... 46
4.8 Linearity test of Reading Interest ..... 46
49 Homogeneity Test. ..... 47
4.10 Corelation Between Reading Interest and reading Comprehension ..... 47

## LIST OF FIGURE

4.1 Distribution Of Topic Preference Questionare Normal Q-Q Plot Of Reading Interest


## LIST OF ABBREVATION

Ha : Alternative Hypotheses
Ho : Null Hypotheses
DF : Degree of Freedom
SD : Standard Deviation
EFL : English Foreign Language
Sig : Significance
IAIN : Institut Agama Islam Negeri
SPSS : Statistical Package for the Social Science

## CHAPTER I

## INTRODUCTION

This chapter describes the background of the study, the research problem, objectives of the study, the hypothesis of the study, the significance of the study, scope, and limitation of the study, and definition of key terms.

## A. Background Of The Study

Learning is one of the human conscious efforts in educating in the effort to improve the capabilities then accompanied by the change and improvement of the quality and quantity of human knowledge itself. Learning is one of the students ' activities that occur in the learning environment. Learning is obtained through formal and nonformal educational institutions. One of the most common formal educational institutions in Indonesia is the school in which there are study and teaching activities involving interactions between teachers and students. The student's own learning objective is to achieve or acquire the knowledge listed through optimal learning outcomes in accordance with its intellectual intelligence.

Now the problems that often arise in students are their lack of interest in reading. Students are now using online media to get more information than to read books directly. Many problems that occur in the reading activities of one of the less interest them to read because it is considered a too monotonous reading model or text that is too long so boring them. Reading is skills that must be mastered by students in learning English as a Foreign Language. Reading is not only seeing or reading what is written but also understanding
the contents of the reading. So that readers get knowledge and information from the reading. Some reading component put forward by experts, such as understanding main ideas, supporting ideas, vocabulary and grammar, make teacher must be careful in applying methods in teaching English, especially reading.

Reading is the most important way to find out English. In the reading activities, there is called a schema theory that made it easier for students to understand the meaning of reading without having to read the text at length. But here researchers try to use a Reading Interestto know whether the Reading Interestrelates to reading comprehension students. In Toendan (1996:33) defined viewed the framework of schema theory, reading is an interactive process between the reader's background knowledge and the text. Exclusively, reading is an interface between in sequence obtained through bottom-up decoding and information provided through the income of top-down analysis, in cooperation of which depends on assured kinds of the previous comprehension and assured kinds of information-processing skills. Rumelhart \& Ortony in Toendan (1996:33) defined schemata are the key units of the comprehension process, in the sense that comprehension consists of selecting schemata and variable-bindings that was account for the material to be comprehended, and then varying that those schemata do indeed account for it. Simanjuntak (1988:16) stated that a background that provides a basic understanding of the vocabulary and enables the student to apply concrete illustrations of the new ideas forms the base on which he could build the new information

In addition, Toendan (1996:34) said that the principal results in two basic modes of information processing called bottom-up and top-down processing. Schemata are hierarchically structured as from almost universal at the summit to most detail at the
bottom. As these bottom-point schemata congregate addicted to upper-point schemata (more universal schemata), these schemata turn out to be activated.

This method is furthermore referred to as information-obsessed processing because it is evoked by the incoming information. Top-down processing occurs while the reader uses his top-level schemata to construct universal predictions with the information he got in a text. This information processing is as well-referred to a theoretically determined process.

According to Carrell in Toendan (1996:33), there are three major types of schemata, which are closely interrelated to reading comprehension: Linguistics Schemata refers to the readers' knowledge of the language used (vocabulary, grammar, and idioms) in the text. They are the base of additional schemata.

The relation of Reading Interest with reading comprehension is with them like the topic that is read wheater it was affects reading comprehension. The problem that is often faced by students in class about reading is that they lack vocabulary. Content schemata deal with the knowledge relative to the content domain of the text, which is the key to the understanding of texts (Carrell in Toendan, 1996:33). As one language is not just the easy blend of vocabulary, sentence organization, and grammar but furthermore the holder of dissimilar levels of the language's ethnicity. To some extent, substance schemata can composition for the lack of language schemata, and therefore assist learners to comprehend texts through predicting, choosing data, and removing ambiguities.

Based on an informal interview with $4^{\text {th }}$ semester EFL students, Reading activities are a very boring activity for students due to lack of interest as well as topics that are not
appealing to them reading them. Therefore the researchers try to search for correlation using the Reading Interest to see their reading comprehension.

## B. Research Problem

Is there any correlation between Reading Interest toward reading comprehension at EFL STUDENTS at IAIN Palangka Raya?

## C. Objective Of The Study

The purpose of this study is to find out if there is correlation between Reading Interesttoward reading comprehension.

## D. Hypothesis Of The Study

There are two hypotheses of this research as follows :

1. $\mathrm{Ha}=$ There is a correlation between Reading Interest toward reading comprehension. $\qquad$
2. $\mathrm{Ho}=$ There is no correlation between Reading Interest toward reading comprehension.

## E. Assumption

Research assumptions are also referred to as basic assumptions, namely a starting point of thought whose truth is accepted by the researcher. basic assumptions must be formulated clearly before the researcher steps to collect data. this assumption says that reading interest is correlated with reading comprehension.

## F. Scope And Limitation

This research focuses its research to find out any correlation between Reading Interest toward reading comprehension. English students of the 4th semester as a research
population were then be given a reading comprehension test that contains questions about the influence of the topics of reading skills.

## G. Significance

1. Theoretically :

Knowing whether by giving students a liking topic can affect their reading ability, as most students are lazy to read even some of them dislike the reading thing. By doing this research, we try to see how much influence the students ' reading ability is given their favorite topics.
2. Practically:
a. For the teacher:

Can help the reading learning process in the classroom and support students' interest to be more diligent in reading.
b. For students' :

1. Build an understanding of a text.
2. With them can build a text well, the tough them can helpful for others'.
c. For another researcher:

Can give some information about the development of language teaching and learning.

## H. Definition Of Key Terms

1. Reading Interest

The topic is the main core of all the contents of the writings to be conveyed or better known by the topic of conversation. The topic is the first thing that is determined when the author was writing. The earlier topics were further developed by creating
narrower or wider coverage. There are several criteria for a topic that is said to be good, including the topic should include the whole content of a writing, which is able to answer the question of what problems to be written. The main characteristic of the topic is that the scope of the problem is common and is not elaborated in detail.

The usual topic consists of one-two short words and has similarities and differences with the theme of the essay. The similarities are both topics and themes of both alike can be used as the title of the essay. Meanwhile, the difference is that the topic still contains common things, while the theme was to be more specific and more directional in discussing a problem.

A topic that can stir up a sense of reading the students and can draw students ' attention to read. Students in the present era very few are interested in reading. Through reading it was easy to understand a lesson described. The same thing as describe by Shnayer in Purves \& Beach (1969:97) showed that high interests resulted in significantly greater comprehension and enabled students to read beyond their reading ability level.
2. Reading comprehension

Reading is one of our ways to get accurate information. With us has a good reading ability, we can absorb and capture all information properly. In the research involving the topic of students' preference which later they saw how far they can understand reading through the topic of students' preference. Same with the statement of Toendan (1996:33) defined viewed the framework of schema theory, reading is an interactive process between the reader's background knowledge and the text. Specifically, reading
is an interaction between information obtained by bottom-up decoding and information provided by means of top-down analysis, both of which depend on certain kinds of prior knowledge and certain kinds of information-processing skills.

## 3. Correlation

Correlation is another way of assessing the relationship between variables. To be more precise, it measures the extent of correspondence between the ordering of two random variables. There is a large amount of resemblance between regression and correlation but for their methods of interpretation of the relationship. For example, a scatter diagram is of tremendous help when trying to describe the type of relationship existing between two variables. Here researchers try to find the correlation of two variables that is the correlation between the Reading Interestto reading comprehension. The correlation between the two so as to obtain valid final data.

## 4. EFL Students

English as a Foreign language (EFL) relates roughly by expanding the circle described by Braj Kachru's linguist in the "standard, codification and realism sociolinguistic: English in the outer Circle " (1985). The traditional term for the use or study of English by non-native speakers in a country where English is generally not a local media communication. EFL students taken as a population is a student of English study program Fourth-semester IAIN Palangka Raya.

## CHAPTER II

## REVIEW OF RELATED LITERATURE

This chapter describes related studies, the definition of topic preference, the importance of topic preference, the definition of reading comprehension, the importance of reading comprehension.

## A. Related Studies

To provide a strong foundation of the present study, in this section the researcher presented some studies that closely related to the study.

First, Mirza (2011, P. 79-86) conducted a study entitled "The Effects Of Contextual Meaning Aspects On Reading Comprehension", study is expected to research the effects of contextual meaning aspects on reading comprehension, and investigate in a case or not there is an effect of reading ability, consists of low and high, on reading comprehension and effect of contextual meaning facet together with reading ability on reading comprehension. The number of the sample was 34 students of the English education study program of Palangka Raya University. Used experimental design in this study. Processing and analyzing data giving the treatment, checking and scoring, tabulating, analyzing the data by using the statistic technique of ANOVA, the conclusion based on the analysis. The result of findings of effect contextual meaning aspects on students' reading comprehension in this research the researcher drew some conclusion into three points as follows: (1) Reading proficiency has a significant effect on students' reading comprehension; (2) Contextual meaning aspects (context clues) have a significant effect on students' reading comprehension, and (3) Reading proficiency and contextual meaning aspects (context clues) have no significant effect on students' reading comprehension.

In this research, the similarities are contained in the variable that is in reading comprehension. And the difference, if the previous research looking for a contextual meaning effect on reading comprehension, while in this research this time, look for the correlation of the Reading Interesttoward reading comprehension.

Second, Widiastuty (2011, P.61-70), conducted a study entitled" The Effects Of Reading Topic And Reading InterestOn Reading Comprehension "This study is designed to research h the interaction effect of a reading topic and topic preference, the effect of a reading topic, and the effect of Reading Intereston Physics score, Biology score, and Chemistry score of single cause-multiple effects text. The population of the study was the eleventh grade of IPA students of SMA Negeri 2 Kuala Kapuas in Academic Year 2008/2009. There were 64 students from two classes (XI IA1 and IX IA2) the sample of this study determined random sampling. The research is using experimental design. Process and analyze data into these steps: taking the data, coding scoring, tabulating, analyzing the data using statistic technique of ANOVA processed by using SPSS 15 and detention the conclusion found of the statistical result. The results show that: (1) there was significant interaction effect among reading topic and Reading Intereston Physics score, Biology score, and Chemistry score of single cause-multiple effects text, (2) there was no significant effect of the reading topic of single cause-multiple effects text, and (3) there was no significant effect of Reading Intereston Physics score, Biology score, and Chemistry score of single cause-multiple effects text.

In this research, the similarities are contained in the variable that is in the Reading Interestand reading comprehension. And the difference, if the previous research the effect of reading topic and Reading Intereston reading comprehension, and in this research this
time, namely looking for the correlation of both variables in select, namely Reading Interestand reading comprehension.

Third, Naserieh (2013, p.120-128), conducted a study entitled "The Effects of Verbal Glosses on Vocabulary Learning and Reading Comprehension", This study has explored the effectiveness of four types of verbal glosses in terms of reading comprehension and incidental vocabulary learning and retention among 95 Iranian undergraduate university students. There were two instances of each of the fifteen target words in the text. The gloss types included L1, L2, bilingual, and mixed glosses. With the mixed gloss type for the first annotation, the readers viewed both L1 and L2 definitions of the target word; the second annotation involved the sentence in which the target word appeared for the first time. The population is 109 second-year undergraduate students in diverse disciplines who volunteered to take part in the study. They were non-English majors from the Faculty of Education and Psychology at Allameh Tabataba'i University, Tehran, Iran. The procedure is all three sessions of the present study were held during a three-week time span One week prior to the reading session, all participants took the pretest. On the day of exposure, the participants were first randomly assigned to one of five conditions. They were then briefly informed of computer-assisted reading and how to use the computerized text. The experimental groups were additionally trained as to what were glosses and how to consult them and were. And finally, mixed glosses appeared to be the most advantageous gloss type. The results disclosed the effectiveness of glossing compared with non-glossing. No difference was detected between L1 and L2 glosses, though the participants preferred the former to the latter. It is worth mentioning that the contradictory findings in terms of the effectiveness of glossing on comprehension suggest
the multifaceted nature of the construct. In other words, many factors are at work when learners apply glosses while reading an L2 text, and most studies have failed to take account of all these factors at the same time. The findings and their implications were being discussed. asked to consult all instances of target words. They were also asked to read the passage for comprehension but were not informed of the vocabulary posttests. And finally, mixed glosses appeared to be the most advantageous gloss type. The findings and their implications were be discussed.

In this research, the similarities contained in the variable that is reading comprehension. And the difference, if the previous research effects of verbal glosses on vocabulary learning and reading comprehension and in this research this time, namely looking for the correlation of both variables in select, namely Reading Interestand reading comprehension.

Forth, Dhanapala and Yamada (2014, p.131-139), conducted a study entitled "Oral Reading Rate, Reading Comprehension, and Listening Comprehension in Learners of EFL", This study motivated by the child reading research in L1, explored the relationship between: 1) Two oral reading rates; 2) Reading comprehension; and 3) Listening comprehension in English in Japanese learners of English as a foreign language (EFL). The population is one hundred and forty undergraduate students from four English Language classes and one psycholinguistics class at a national university in Japan took a commercially available TOEIC® IP test which the university administered as its annual English language test. Of these students, 119 students took both a Reading Comprehension Test which we developed as part of our larger project and an oral reading test. Of the 119 students, two were excluded because they did not complete all of the
items of the Reading Comprehension Test. The remaining 117 students ( 56 females and 61 males) thus served as the subjects of this study. All were native speakers of Japanese and had mainly studied English as a foreign language in formal school settings. Most of them were freshman or sophomore students and most were between the age of 18 to 20 years. Results unexpectedly showed that the correlations between two rates and two modes of comprehension were low or non-significant, which are in marked contrast to high correlations reported for English-speaking children. In addition, and more surprisingly, the EFL readers exhibited only small incremental or even detrimental changes from habitual to a maximum rate. These unexpected results are discussed in terms of English language teaching/learning practice and the possible effects of Japanese speech and orthography.

In this research the similarities are contained in the variable that is in reading comprehension. And the difference, if the previous research study motivated by the child reading research in L 1 , explored the relationship between oral reading rates; Reading comprehension; and Listening comprehension in English in Japanese learners of English as a foreign language (EFL)., while in this research this time, look for the correlation of the Reading Interesttoward reading comprehension.

Fifth, Hui-Ju Wu ( 2016, p.16-20 ), conducted a study entitled "Anxiety and Reading Comprehension Performance in English as a Foreign Language". This study conducted in Taiwanese English as a foreign language reading classes investigated the relationship between language anxiety (LA) and reading anxiety (RA), and if students' reading comprehension performance differs across different levels of LA and RA. The issues of whether students' LA and RA vary with gender and the length of language learning were
also explored. The participants a total of 91 first-year college students studying English as a foreign language from two classes in a private university in Southern Taiwan participated in the study. They all enrolled in the first semester reading courses in 2008. The results from two measures of anxiety, and two reading comprehension tests completed by 91 university students showed that RA was related to LA, but they were two different phenomena in foreign language learning. Although reading comprehension performance did not differ significantly with the students in different levels of LA and RA, a general trend of lower LA and RA going with higher performance was identified. In contrast to other studies, no difference was found in LA and RA based on gender. Students' LA decreased with their learning in reading classes while RA showed no differences. These results suggest that students with LA tend to have RA. Decreasing students' anxiety and creating a low-anxiety classroom environment might help improve students' reading comprehension performance. Since RA seems to be a more stable construct as compared to LA, coping with RA may require more time.

In this research the similarities are contained in the variable that is in reading comprehension. And the difference, if the previous research Anxiety and Reading Comprehension Performance in English as a Foreign Language, while in this research this time, look for the correlation of the Reading Interesttoward reading comprehension.

## A. Reading Interest

## 1. Definition of Reading Interest

Interest is a source of motivation encourage people to do what they want when they are free choose. When they see something will be profitable, they feel it interested. This
will bring satisfaction. So it can be concluded that interest is an inner attitude from within a person who is a special attention to a certain thing which is created with full will and a feeling of pleasure that arises from encouragement inside someone. Interest can be said as a strong impetus for someone to do everything in realizing the achievement of goals and ideals be his wish. Reading is one of the four language skills taught in Primary Schools. The four skills are related to one another with others and constitute one unit. Reading activity is a receptive activity, a form of active absorption. In reading activities,

Mind and mentality are actively involved, not just physical activity. Many experts which provides a definition of reading. The following will be suggested various opinions about reading activities.

## 2. Importance of Reading Interest

Learning is a fundamental process of human life development, with human learning to make qualitative changes to the individual so that his behavior develops. All activities and achievements of human life are nothing but a result of learning because a person lives and works according to what has been learned. Learning is not merely an experience, learning is a process, not a result. Therefore, learning is active and integrative by using various forms of a deed to achieve results.

Reading readability is a stronger interest in more realistic subject matter develops as students begin to read more on their own and begin to perceive reading as a source of data (Terman \& Lima in Purves \& Beach (1969:70). Reading skills are indispensable for students so they can easily understand the material, but it is certainly not easy, to foster a
student's reading interest. Mistakes in selecting reading topics for students was have an impact on their reading skills, due to their lack of interest and motivation.

## B. Reading Comprehension

## 1. Definition of Reading Comprehension

Reading is one of our ways to get correct information. With us has a good reading ability, we can infiltrate and capture all information properly. In the investigation involving the topic of students' preference which then they saw how far they can understand reading into the topic of students' preference. Same with the statement of Toendan (1996:33) defined viewed the framework of schema theory, reading is an interactive process between the reader's background knowledge and the text. Specifically, reading is an interaction between data obtained by bottom-up decoding and information provided by means of top-down analysis, both of them depend on certain kinds of prior knowledge and certain kinds of information-processing. The models can be the category into three: bottom-up, top-down, and interactive (Harris \& Sipay, 1984:6).

## a. Bottom-up Models

Bottom-up models at the reading technique investigation reading as mainly a translating, decoding, or encoding process.

## b. Top-down Models

In top-down models, the reader's theoretical and language skill plays a key role in the accretion of significance from a printed object.

## c. Interactive Models

Theorists on interactive models such as Rumelhart (1980) believe that, in any case for skilled or advanced readers, top-down and bottom-up processing in reading seems to develop together. Understanding, possibly obstructed when a strained talent or a part of facts is lost. In a case such as this, the skill reader complement by decoding a word, depending on the situation, or second word and situation.

## 2. Importance of Reading Comprehension

Many lists of cognitive skills have been suggested by those who are interested in reading instruction, but they all include most of the following (Greenwood, 1981: 89):

1. to expect both the form and the content;
2. can identify the main idea (s);
3. to identify and recall specific details;
4. to identify the relationship between the main idea(s) and it is (their) expansion (example, lists, etc.);
5. to follow a sequence, such as events, illustration, stages of arguments;
6. to infer from the text (to read between the lines);
7. Can be drawn conclusions; and
8. to identify the writer's purpose and attitude.

## CHAPTER III

## RESEARCH METHOD

In this chapter, the researcher describes the research design, subject of the study, source of the data, data collection procedure, data analysis procedure, and data endorsement.

## A. Research Design

The research design of this study was categorized into quantitative research. Ary (2010, p.420-421) stated quantitative research more typically relies on measurement tools such as scales, tests, observation checklists, and questionnaires. The type of research design correlation design. You use this design when you seek to relate two or more variables to see if they influence each other, such as the relationship between teachers who endorse developmentally appropriate practices and their use of the whole-language approach to reading instruction Ketner, Smith, \& Parnell (1997). This design allows you to predict an outcome, such as the prediction that ability, quality of schooling, student motivation, and academic coursework influence student achievement Anderson \& Keith (1997).

According to John W. Creswell (2012,p.338) Correlation designs provide an opportunity for you to predict scores and explain the relationship among variables. In correlation research designs, investigators use the correlation statistical test to describe and measure the degree of association (or relationship) between two or more variables or sets of scores. In this design, the researchers do not attempt to control or manipulate the variables as in an experiment; instead, they relate, using the correlation statistic, two or
more scores for each person (e.g., student motivation and a student achievement score for each individual).

You use this design when you seek to relate two or more variables to see if they influence each other, such as the relationship between teachers who endorse developmentally appropriate practices and their use of the whole-language approach to reading instruction Ketner, Smith, \& Parnell (1997). This design allows you to predict an outcome, such as the prediction that ability, quality of schooling, student motivation, and academic coursework influence student achievement Anderson \& Keith (1997).

## B. Population

A population is a group of people, objects, or items from which are taken for measurement in research. A population is a large group to which one hopes to apply the result Frankel, Wallen and Hyun (2012,p.91). According to John W. Creswell (2012, p.381) a group of individuals possesses one characteristic that distinguishes them from other groups. The Population of this research is 4th-semester students who are taking reading comprehension courses at IAIN Palangka Raya of the academic year 2020/2021.

## C. Sample

A sample is part of the number and characteristics owned by the population or small portions of population members taken according to certain procedures so that they can represent their population. If the population is large, and researchers are unlikely to learn all that is in the population, this is due to limited funds or costs, manpower and time, so researchers can use samples taken from the population. Samples to be taken from the population must be completely representative or can represent. The sample of this
research used 4th-semester students who are taking reading comprehension courses at IAIN Palangka Raya of the academic year 2020/2021. The number sample 4th semester students who are taking critical reading courses at IAIN Palangka Raya of academic year 2020/2021can be seen as follows :

## Table 3.1

## Number of population Reading class of $4^{\text {th }}$ semester

| Gender |  |
| :---: | :---: |
| Male | Female |
| $\mathbf{2 5}$ | $\mathbf{4 6}$ |
| Total of 71 |  |

(Source: The data of administration of IAIN Palangka Raya)

The table shows that there are sample numbers of the 4th semester students who are taking critical reading courses at IAIN Palangka Raya of the academic year 2020/2021 consist of gender, male and female students. And for a total of the student's research found the 4th mester students who are taking reading comprehension courses at IAIN Palangka Raya of academic year 2020/2021 are 71 students.

## D. Research Instruments

## 1. Questionnaire

The questionnaire is an instrument in collecting data that is a series of questions. To know the read interest students, the researcher was used to read Interest Scale. The questioner consists of 21 statements which are categorized into factors related to the read interest scale, each was being represented by the number of the item. The students be asked to respond to each item using a a-4 point Likert scale. So four options are offered for each statement. This questionnaire adaptation from Siti Khofiah's thesis (2015) from

Yogyakarta State University titled "The Effect between Reading Interest and Reading Comprehension Ability of High-Grade Students of SDN 1 Karangsari Pengasih District, Kulon Progo Regency Academic Year 2014/2015". The rating scale includes the following options; 4 indicating "always", 3 indicating "Sometimes", 2 indicating "Ever", 1 indicating "Never". Participants were asked to choose the options that best represent their options.

Table 3.3

## Instrument Item Scoring

| Answer | Score (+) |
| :---: | :---: |
| Always | 4 |
| Sometimes | 3 |
| Ever | 2 |
| Never | 1 |

## 2. Reading Comprehension Test

The instrument was reading comprehension tests in the type of Multiple Choice Questions (MCQ). Multiple Choice Questions (MCQ) is one of the tests that allow the student to choose the accurate option from the option that has been given. Text test reading comprehension this adapts from internet aces http://englishadmin.com/2018/12/50-contoh-soal-recount-text-biography-danjawaban.html. Multiple Choice Questions (MCQ) was consist of questions, which are correlated with topic preference.

Table 3.4
Variables Reading comprehension grid

| Components | Item number |  |  | C3 |
| :--- | :--- | :--- | :--- | :--- |
|  | C1 | C2 |  |  |
| Answering <br> questions that <br> answer <br> explicitly in the <br> reading | $1,2,8,9,12$, <br> $19,24,26$, <br> $29,37,38$, <br> $39,42,43$, <br> $44,47,48$ |  |  |  |

Description :

C1: Cognitive level of memory/knowledge

C 2 : Cognitive level of understanding

C3 : Cognitive ranking applications

## 3. Instrument Validity

In conducting research, a researcher needs to perform a validity instrument. The validity of the instrument was carried out to determine the level of validity of an instrument. According to Iskandarwassid and Dadang (2009: 184), an instrument is said to be valid if it is able to measure what is desired and can reveal data from the variables studied appropriately.

The instrument validation in this study used content validity. Content validity is carried out through an assessment by a competent researcher (expert judgment) to find out whether an item is relevant to the goal. In this research, the appraiser, namely the expert judgment, stated that the items arranged are relevant to the purpose, so these items are declared eligible to support validity.

The next step is to test the quality of the item empirically. Test empirical is done by trying out the instrument $4^{\text {th }}$-semester students who are taking reading comprehension courses at IAIN Palangka Raya. The trial results are calculated. The correlation coefficient uses the product-moment correlation formula Pearson stated below.

$$
r x_{y}=\frac{n \sum X . Y-\sum X \cdot \sum Y}{\sqrt{\mathrm{n} \sum \mathrm{X}^{2}-\left(\sum \mathrm{X}\right)^{2} \sum \mathrm{Y}^{2}-\left(\sum \mathrm{Y}\right)^{2}}}
$$

$r x_{y}=$ the coefficient of the validity of the score statement items
X = score of specific items for each respondent
Y = total score (all questions) for each student
$\mathrm{n} \quad=$ the number of respondents
Saifudin Azwar (2014, p.86) said that the selection criteria item used rxy limit 0.30. Items that reach the correlation coefficient a minimum of 0.30 is considered
satisfactory. Calculating the validity of the instrument in this study uses the help of the SPSS for windows version 18 program.

Based on the calculation on the reading interest variable, items were obtained valid statements of 21 points, namely numbers $1,2,4,6,7,9,13,14,15,16,18,19,20$, $21,22,23,24,25,27,28$, and 29 . Statement items that are missing totaling 9 , namely numbers $3,5,8,10,11,12,17,26$, and 30 .

Based on calculations on the reading ability variable understanding obtained valid items numbered 28 , namely numbers $1,3,8,9,10,11,12,13,14,17,23,26,27,28,29$, $31,32,34,37,38,39,40,41,42,43,45,47$, and 49 . The number of items that failed were 22 , namely numbers $2,4,5,6,7,15,16,18,19,20,21,22,24,25,30,33,35,36,44,46$, 48, and 50.

## 4. Instruments Reliability

According to Donald Ary, the reliability of a capacity instrument is the quantity of constancy with which it actions whatever it is measuring. (Donald Ary, 1985, p.236) Reliability is a necessary characteristic of any good test. For it to be valid at all, a test must first be reliable as a measuring instrument. Reliability is defined as how much consistency the test scores the test achieves on the retest (Sudijono, 2005, p.179-180). Reliability is the consistency of score if the test is conducted with the same tester (Sugianto, 2017) to find the reliability of data, the researcher used Alpha's formula.

$$
r_{11}=\left(\frac{k}{k-1}\right)\left(1-\frac{\sum S_{i}}{S_{t}}\right)
$$

With description:
$\mathrm{r}_{11}=$ Coefficient reliability
$\mathrm{k} \quad=\quad$ Number of items
$\sum \mathrm{S}_{\mathrm{i}}=$ Total score variants each item
$\mathrm{S}_{\mathrm{t}} \quad=$ Total score variants

The calculation of the reliability test used the help of the SPSS for program Windows version 18. The calculation results show the reliability coefficient Reading Interest questionnaire of 0.815 and the reliability coefficient of the ability test reading comprehension of 0.880 . Researchers interpret that both reliability coefficients are very satisfying for measurement purposes in this research.

## 5. Instrument Normality

The normality test was used to see if the distribution of all data were normal or not, the data are taken from the questioner and the score of the test. In analyzing the normality test, the researcher was used Kolomogorov-Smornov formula. The KolomogorovSmornov is better used when the sample is more than 50, Dahlan (2009).

## The Kolomogorov-Smornov formula :

Value (FT - FS )Largest compared to the table value Kolmogorov Smirnov. If the value (FT - FS ) The largest < Value table Kolmogorov Smirnov, then Ho accepted; Ha rejected. If the value (FT - FS ) Biggest > table value Kolmogorov Smirnov, then Ho rejected; Ha accepted.

## 6. Instrument Homogeneity

A homogeneity test was used to know if the data were homogeny or not. The researcher was test homogeny of the data by using Fisher Test, whereby looking at the value of fisher F p value, if the value is $>0.05$ than it receives Ho or that means the
variances between factors are not significantly different. In other words, it is called homogeny.

## 7. Hypothesis Test

To find the correlation between Reading Interesttoward reading comprehension. The product-moment coefficient was used. Then the significant correlation coefficient was determined by comparing the data of coefficient $r$ data in the level of significance of five percent in the table of product-moment ( $r$ table). The correlation coefficient would be significant of the $r$ table in the level of significance of 5 percent showed less than $r$ data. Then, if the data got a positive $r$ value, the correlation could be significantly positive., if the result was getting negative, the possibilities was negative significant.

## E. Data Collection Procedure

The way to collect the data in this research, the researcher was to collect the data from the questioner and doing a reading comprehension test. There are two data from this research those are reading subject score and questioner result.

1. Questioner result collected as follows :
a. Grouping the respondents into a class and explain what they have to do with the questionnaire.
b. Giving questioner to answer
c. Counting the validity and reliability of the questionnaire.

## 2. The second data, the reading comprehension test collected as follows :

a. Provide test questions to students.
b. Determining the respondents
c. Doing test
d. Documentation of the process
e. Counting the students' test answer

The procedure for collecting data and data sources in this research is as follows:

Table 3.5
The procedure of collecting data and data sources


## F. Data Analysis Procedure

Data analysis is required in quantitative research. In this research, the resulting data is in the form of quantitative data, namely in the form of numbers. As for data analysis in this research are 1) descriptive statistical analysis, and 2) correlation analysis.
A. Descriptive Statistical Analysis.

Sugiyono (2010: 208) says that descriptive statistical analysis is done if the researcher only wants to describe the sample data and not want to make conclusions that apply to the population. Descriptive statistics include tables, diagrams, computation mode, median, mean, and percentage calculation. In this study, the descriptive statistic was be presented in the form of a frequency distribution table.

## 1. Frequency Distribution Table

The frequency distribution table is used to present the amount of data pretty much. The data in this study are interval data. Step the first in making a frequency distribution table is to determine the class interval. Sugiyono (2011:34-35) states that the number of interval classes can be calculated by the Sturges formula as follows.

## $K=1+3,3 \log n$

with description

$$
\begin{aligned}
& \mathrm{K}: \text { Number of classes } \\
& \mathrm{n}=\text { number of respondents } \\
& \text { log = logarithm }
\end{aligned}
$$

The steps required to construct a table include counting the number of interval classes, count data ranges, count class length, and constructing the class interval. Data ranges are the largest data ranges minus the smallest data then add 1 . While the class length is the same by the range divided by the number of classes. The presentation of data was easier to understand if expressed in percent (\%). The data presentation that converts the frequency into a percent is called the Relative Frequency Distribution Table.
2. Instrument Score Inclination Value

The tendency to score for each variable is calculated used as a formula following.

Table 3.2

| No | Formula | Category |
| :---: | :---: | :---: |
| 1 | $(\mu+1,0 \times \sigma) \leq \mathrm{X}$ | High |
| 2 | $(\mu-1,0 \times \sigma) \leq \mathrm{X}(\mu+1,0 \times \sigma)$ | Moderate |
| 3 | $\mathrm{X}<(\mu-1,0 \times \sigma)$ | Low |

## With description

$\mu:$ mean
$\sigma$ :Standard Deviation (Saifuddin Azwar, 2014: 135)

The statistical formulas used in calculating the mean, modus , and the median data are as follows.

1. Mean

In this study, the mean was calculated used the group data mean. The formula is as follows

$$
\mathrm{M}_{\mathrm{e}}=\frac{\sum f i x i}{f i}
$$

$M_{e}=$ Mean for classified data
$f i=$ Amount of data $/$ samples
$x i=$ class mark (mean of lower and upper limits
at each data interval.
fixi $=$ The sum of the results of the multiplication between each score with the frequency.
2. Median

In this study, the median was calculated used the median data formula classified. The formula is as follows.

$$
\mathrm{Mdn}=\mathrm{Bb}+\left(\frac{\frac{1}{2} N-F k b}{F d}\right)
$$

With description

Mdn : median

Bb : The real lower bound of the containing interval Median

Fkb : The cumulative frequency below the containing interval Median

Fkd : The frequency of the interval containing the median
i: Interval width

N ; The number (frequency) of individuals in the distribution (Sincere Winarsunu, 2006:
37)
3. Modus

In this research, the calculated mode is classified as data mode. The formula is as follows.

$$
\mathrm{Mo}=\mathrm{b}+\mathrm{p}\left(\frac{b 1}{b 1+b 2}\right)
$$

Mo=modus
$\mathrm{b}=$ limit class interval with the most frequency
$\mathrm{p}=$ the length of the interval class with the most frequency
$\mathrm{b} 1=$ frequency in the mode class minus the class frequency the previous closest interval $\mathrm{b} 2=$ the mode class frequency minus the interval class frequency next (Sugiyono, 2007: 45-46).

## B. Correlation Analysis

Correlation analysis aims to measure closeness (strong, weak, or there is no) correlation between Reading Interesttoward reading comprehension at $4^{\text {th }}$ semester students who are taking reading comprehension courses at IAIN Palangka Raya .

Correlation analysis in this study used the correlation formula Product-Moment.
Product-Moment correlation is used to determine the relationship between two
symptom intervals (Suharsimi Arikunto, 2002: 240). Formula The Product-Moment correlation is as follows.

$$
r x_{y}=\frac{n \sum X \cdot Y-\sum X \cdot \sum Y}{\sqrt{\mathrm{n} \sum \mathrm{X}^{2}-\left(\sum \mathrm{X}\right)^{2} \sum \mathrm{Y}^{2}-\left(\sum \mathrm{Y}\right)^{2}}}
$$

$r x_{y}=$ the coefficient of the validity of the score statement items
X = score of specific items for each respondent
Y = total score (all questions) for each student
$\mathrm{n} \quad=$ the number of respondents

The next step is taken after the correlation value (calculated r value) known is to interpret the value of r. According to Sugiyono (2007: 231), the measure used to interpret the value of $r$ is as following

Table 3.4
Coefficient Correlation Interpretation

| Interval | Category |
| :--- | :--- |
| $0.00-0.199$ | Very Low |
| $0.20-0.399$ | Low |
| $0.40-0.599$ | Moderate |
| $0.60-0.799$ | Strong |
| $0.80-1.000$ | Very strong |

## CHAPTER IV

## FINDINGS AND DISCUSSION

In this chapter, the researcher present the data that have been collected. The data is the result of using questionnaire, reading comprehension test and discussion.

## A. Data Presentation

## 1. The Result of Reading Interest Questionnaire

The 21 item for using questionnaire Reading Interest were employed to investigate correlation Reading Interest toward reading comprehension. A higher score of questionnaire means higher degree for topic preference. The result of questionnaire is shown below in the table 4.1 :

Tabel 4.1
The Result of Reading Interest Questionare

| No | Code | Reading Interest(X) | X2 |
| :---: | :---: | :---: | :---: |
| 1 | X-1 | 49 | 2401 |
| 2 | X-2 | 60 | 3600 |
| 3 | X-3 | 50 | 2500 |
| 4 | X-4 | 48 | 2304 |
| 5 | X-5 | 53 | 2809 |
| 6 | X-6 | 58 | 3364 |
| 7 | X-7 | 46 | 2116 |
| 8 | X-8 | 68 | 4624 |
| 9 | X-9 | 43 | 1849 |
| 10 | X-10 | 48 | 2304 |
| 11 | $X-11$ | 57 | 3249 |
| 12 | X-12 | 68 | 4624 |
| 13 | $X-13$ | 46 | 2116 |
| 14 | $X-14$ | 63 | 3969 |
| 15 | $X-15$ | 57 | 3249 |


| 16 | X-16 | 47 | 2209 |
| :---: | :---: | :---: | :---: |
| 17 | X-17 | 59 | 3481 |
| 18 | X-18 | 55 | 3025 |
| 19 | X-19 | 56 | 3136 |
| 20 | X-20 | 64 | 4096 |
| 21 | X-21 | 57 | 3249 |
| 22 | X-22 | 55 | 3025 |
| 23 | X-23 | 55 | 3025 |
| 24 | X-24 | 56 | 3136 |
| 25 | X-25 | 69 | 4761 |
| 26 | X-26 | 56 | 3136 |
| 27 | X-27 | 57 | 3249 |
| 28 | X-28 | 67 | 4489 |
| 29 | X-29 | 56 | 3136 |
| 30 | X-30 | 67 | 4489 |
| 31 | X-31 | 62 | 3844 |
| 32 | X-32 | 58 | 3364 |
| 33 | X-33 | 67 | 4489 |
| 34 | X-34 | 60 | 3600 |
| 35 | X-35 | 60 | 3600 |
| 36 | X-36 | 52 | 2704 |
| 37 | X-37 | 64 | 4096 |
| 38 | X-38 | 60 | 3600 |
| 39 | X-39 | 62 | 3844 |
| 40 | X-40 | 56 | 3136 |
| 41 | X-41 | 57 | 3249 |
| 42 | X-42 | 62 | 3844 |
| 43 | X-43 | 11.61 61 | 3721 |
| 44 | X-44 | 63 | 3969 |
| 45 | X-45 | 61 | 3721 |
| 46 | X-46 | 54 | 2916 |
| 47 | X-47 | 68 | 4624 |
| 48 | X-48 | 60 | 3600 |
| 49 | X-49 | 61 | 3721 |
| 50 | X-50 | 65 | 4225 |
| 51 | X-51 | 60 | 3600 |
| 52 | X-52 | 62 | 3844 |
| 53 | X-53 | 62 | 3844 |
| 54 | X-54 | 63 | 3969 |


| 55 | X-55 | 66 | 4356 |
| :---: | :---: | :---: | :---: |
| 56 | $X-56$ | 66 | 4356 |
| 57 | $\mathrm{X}-57$ | 58 | 3364 |
| 58 | $\mathrm{X}-58$ | 64 | 4096 |
| 59 | $\mathrm{X}-59$ | 57 | 3249 |
| 60 | $\mathrm{X}-60$ | 55 | 3025 |
| 61 | $\mathrm{X}-61$ | 55 | 3025 |
| 62 | X-62 | 56 | 3136 |
| 63 | X-63 | 69 | 4761 |
| 64 | X-64 | 56 | 3136 |
| 65 | X-65 | 68 | 4624 |
| 66 | X-66 | 56 | 3136 |
| 67 | X-67 | 57 | 3249 |
| 68 | X-68 | 67 | 4489 |
| 69 | X-69 | 56 | 3136 |
| 70 | X-70 | 67 | 4489 |
| 71 | X-71 | 62 | 3844 |
| TOTAL |  |  |  |

The descriptive analysis of using questionnaire Reading Interest above in table 4.1. The highest score was 68 while the lowest score was 43 . The mean of using topic prefrence score was 53,88 and the standard deviation was 6,31 . Then it was revealed from the questionnaire from the using Reading Interest were all perceived by the students with different number. The details were as follow:

## Tabel 4.2

## Distribution of Reading InterestFrequency

| No | Code | Reading Interest(X) | X2 | Category |
| :---: | :---: | :---: | :---: | :---: |
| 1 | X-1 | 49 | 2401 | LOW |
| 2 | X-2 | 60 | 3600 | HIGH |
| 3 | X-3 | 50 | 2500 | MODERATE |
| 4 | X-4 | 48 | 2304 | LOW |
| 5 | X-5 | 53 | 2809 | MODERATE |
| 6 | X-6 | 58 | 3364 | MODERATE |
| 7 | X-7 | 46 | 2116 | LOW |
| 8 | X-8 | 68 | 4624 | HIGH |
| 9 | X-9 | 43 | 1849 | LOW |
| 10 | X-10 | 48 | 2304 | LOW |
| 11 | X-11 | 57 | 3249 | MODERATE |
| 12 | X-12 | 68 | 4624 | HIGH |
| 13 | X-13 | 46 | 2116 | MODERATE |
| 14 | X-14 | 63 | 3969 | HIGH |
| 15 | X-15 | \% 57 | 3249 | MODERATE |
| 16 | X-16 | 47 | 2209 | HIGH |
| 17 | X-17 | 59 | 3481 | MODERATE |
| 18 | X-18 | 55 | 3025 | MODERATE |
| 19 | X-19 | 56 | 3136 | MODERATE |
| 20 | X-20 | 64 | 4096 | HIGH |
| 21 | X-21 | 57 | 3249 | MODERATE |
| 22 | X-22 | - 55 | 3025 | MODERATE |
| 23 | X-23 | 55 | 3025 | MODERATE |
| 24 | X-24 | 56 | 3136 | MODERATE |
| 25 | X-25 | 69 | 4761 | HIGH |
| 26 | X-26 | 56 | 3136 | MODERATE |
| 27 | X-27 | 57 | 3249 | MODERATE |
| 28 | X-28 | 67 | 4489 | HIGH |
| 29 | X-29 | 56 | 3136 | MODERATE |
| 30 | X-30 | 67 | 4489 | HIGH |
| 31 | X-31 | 62 | 3844 | HIGH |
| 32 | X-32 | 58 | 3364 | MODERATE |
| 33 | X-33 | 67 | 4489 | HIGH |


| 34 | X-34 | 60 | 3600 | HIGH |
| :---: | :---: | :---: | :---: | :---: |
| 35 | X-35 | 60 | 3600 | HIGH |
| 36 | X-36 | 52 | 2704 | MODERATE |
| 37 | X-37 | 64 | 4096 | HIGH |
| 38 | X-38 | 60 | 3600 | HIGH |
| 39 | X-39 | 62 | 3844 | HIGH |
| 40 | X-40 | 56 | 3136 | MODERATE |
| 41 | X-41 | 57 | 3249 | MODERATE |
| 42 | X-42 | 62 | 3844 | HIGH |
| 43 | X-43 | 61 | 3721 | HIGH |
| 44 | X-44 | 63 | 3969 | HIGH |
| 45 | X-45 | 61 | 3721 | HIGH |
| 46 | X-46 | 54 | 2916 | MODERATE |
| 47 | X-47 | 68 | 4624 | HIGH |
| 48 | X-48 | 60 | 3600 | HIGH |
| 49 | X-49 | 61 | 3721 | HIGH |
| 50 | X-50 | 65 | 4225 | HIGH |
| 51 | X-51 | 60 | 3600 | HIGH |
| 52 | X-52 | 62 | 3844 | HIGH |
| 53 | X-53 | 62 | 3844 | HIGH |
| 54 | X-54 | $63 \sim$ | 3969 | $\bigcirc \mathrm{HIGH}$ |
| 55 | X-55 | 66 | 4356 | HIGH |
| 56 | X-56 | 66 | 4356 | HIGH |
| 57 | X-57 | 58 | 3364 | MODERATE |
| 58 | X-58 | 64 | 4096 | HIGH |
| 59 | X-59 | 57 | 3249 | MODERATE |
| 60 | X-60 | 55 | 3025 | MODERATE |
| 61 | X-61 | - 55 | 3025 | MODERATE |
| 62 | X-62 | 56 | 3136 | MODERATE |
| 63 | X-63 | 69 | 4761 | HIGH |
| 64 | X-64 | 56 | 3136 | MODERATE |
| 65 | X-65 | 68 | 4624 | HIGH |
| 66 | X-66 | 56 | 3136 | MODERATE |
| 67 | X-67 | 57 | 3249 | MODERATE |
| 68 | X-68 | 67 | 4489 | HIGH |
| 69 | X-69 | 56 | 3136 | MODERATE |
| 70 | X-70 | 67 | 4489 | HIGH |
| 71 | X-71 | 62 | 3844 | HIGH |

Calculations using the IF formula in Microsoft Excel 2013 The results of the questionnaire on the effect of Reading Interest in the fourth semester of EFL students on reading ability are grouped into categories in table 4.3:

## Table 4.3

## Distribution of Reading Interest Frequency

| No | Score interval | Frequency | Category | Percentage |
| :--- | :--- | :--- | :--- | :--- |
| 1 | $68-60$ | 35 | High | $48 \%$ |
| 2 | $59-50$ | 30 | Moderate | $42 \%$ |
| 3 | $49-43$ | 6 | Low | $10 \%$ |

Based on Table 4.3. above, the score of Reading Interest is in the high category amounted to $48 \%$ (35), the moderate category was $42 \%$ (30), and the category low of $10 \%$ (6).

## 2. The Result of Reading Comprehension Test

Table 4.4
The Result of Reading Comprehension Test

| No | Code | Reading <br> Comprehension (Y) | Y2 |
| :---: | :---: | :---: | :---: |
| 1 | Y-1 | 60 | 3600 |
| 2 | Y-2 | 90 | 8100 |
| 3 | Y-3 | 86 | 7396 |
| 4 | Y-4 | 66 | 4356 |
| 5 | Y-5 | 66 | 4356 |
| 6 | Y-6 | 68 | 4624 |
| 7 | Y-7 | 40 | 1600 |
| 8 | Y-8 | 84 | 7056 |
| 9 | Y-9 | 86 | 7396 |


| 10 | Y-10 | 80 | 6400 |
| :---: | :---: | :---: | :---: |
| 11 | Y-11 | 90 | 8100 |
| 12 | Y-12 | 68 | 4624 |
| 13 | Y-13 | 92 | 8464 |
| 14 | Y-14 | 46 | 2116 |
| 15 | Y-15 | 68 | 4624 |
| 16 | Y-16 | 66 | 4356 |
| 17 | Y-17 | 72 | 5184 |
| 18 | Y-18 | 72 | 5184 |
| 19 | Y-19 | 74 | 5476 |
| 20 | Y-20 | 76 | 5776 |
| 21 | Y-21 | 72 | 5184 |
| 22 | Y-22 | 72 | 5184 |
| 23 | Y-23 | 74 | 5476 |
| 24 | Y-24 | 76 | 5776 |
| 25 | Y-25 | 86 | 7396 |
| 26 | Y-26 | 68 | 4624 |
| 27 | Y-27 | 46 | 2116 |
| 28 | Y-28 | 68 | 4624 |
| 29 | Y-29 | 64 | 4096 |
| 30 | Y-30 | 46 | 2116 |
| 31 | Y-31 | 64 | 4096 |
| 32 | Y-32 | 46 | 2116 |
| 33 | Y-33 | 86 | 7396 |
| 34 | Y-34 | 62 | 3844 |
| 35 | Y-35 | 82 | 6724 |
| 36 | Y-36 | 86 | 7396 |
| 37 | Y-37 | - 84 | 7056 |
| 38 | Y-38 | 68 | 4624 |
| 39 | Y-39 | 70 | 4900 |
| 40 | Y-40 | 92 | 8464 |
| 41 | Y-41 | 62 | 3844 |
| 42 | Y-42 | 48 | 2304 |
| 43 | Y-43 | 50 | 2500 |
| 44 | Y-44 | 66 | 4356 |
| 45 | Y-45 | 68 | 4624 |
| 46 | Y-46 | 80 | 6400 |
| 47 | Y-47 | 92 | 8464 |
| 48 | Y-48 | 72 | 5184 |


| 49 | Y-49 | 48 | 2304 |
| :---: | :---: | :---: | :---: |
| 50 | Y-50 | 50 | 2500 |
| 51 | Y-51 | 60 | 3600 |
| 52 | Y-52 | 80 | 6400 |
| 53 | Y-53 | 64 | 4096 |
| 54 | Y-54 | 96 | 9216 |
| 55 | Y-55 | 96 | 9216 |
| 56 | Y-56 | 92 | 8464 |
| 57 | Y-57 | 80 | 6400 |
| 58 | Y-58 | 80 | 6400 |
| 59 | Y-59 | 74 | 5476 |
| 60 | Y-60 | 90 | 8100 |
| 61 | Y-61 | 92 | 8464 |
| 62 | Y-62 | 78 | 6084 |
| 63 | Y-63 | 72 | 5184 |
| 64 | Y-64 | 98 | 9604 |
| 65 | Y-65 | 64 | 4096 |
| 66 | Y-66 | 72 | 5184 |
| 67 | Y-67 | 90 | 8100 |
| 68 | Y-68 | 98 | 9604 |
| 69 | Y-69 | 98 | 9604 |
| 70 | Y-70 | 94 | 8836 |
| 71 | Y-71 | 64 | 4096 |
| TOTAL | 5230 | 400700 |  |
| LOWEST SCORE | 40 |  |  |
| HIGHEST SCORE | 98 |  |  |
| Std. Deviation | 50 |  |  |

The descriptive analysis of reading comprehension test shown above in table 4.4. The maximum score of reading comprehension test score was 98 and minimum score was 40 . The mean of students' reading comprehension was 36,20 and standard deviation was 5,20 . The detail of each category of students' reading comprehension can be seen below in the table 4.5:

Table. 4.5
Distribution of Reading Comprehension Frequency

| No | Code | Reading Comprehension (Y) | Y2 | Category |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Y-1 | 60 | 3600 | LOW |
| 2 | Y-2 | 90 | 8100 | HIGH |
| 3 | Y-3 | 86 | 7396 | HIGH |
| 4 | Y-4 | 66 | 4356 | MODERATE |
| 5 | Y-5 | 66 | 4356 | MODERATE |
| 6 | Y-6 | 68 | 4624 | MODERATE |
| 7 | Y-7 | 40 | 1600 | LOW |
| 8 | Y-8 | 84 | 7056 | HIGH |
| 9 | Y-9 | 86 | 7396 | HIGH |
| 10 | Y-10 | 80 | 6400 | HIGH |
| 11 | Y-11 | 90 | 8100 | HIGH |
| 12 | Y-12 | 68 | 4624 | MODERATE |
| 13 | Y-13 | 92 | 8464 | HIGH |
| 14 | Y-14 | 46 | 2116 | LOW |
| 15 | Y-15 | $68 \sim$ | 4624 | MODERATE |
| 16 | Y-16 | 66 | 4356 | MODERATE |
| 17 | Y-17 | 72 | 5184 | MODERATE |
| 18 | Y-18 | 72 | 5184 | MODERATE |
| 19 | Y-19 | 74 | 5476 | MODERATE |
| 20 | Y-20 | 76 | 5776 | MODERATE |
| 21 | Y-21 | 72 | 5184 | MODERATE |
| 22 | Y-22 | 72 | 5184 | MODERATE |
| 23 | Y-23 | 74 | 5476 | MODERATE |
| 24 | Y-24 | 76 | 5776 | MODERATE |
| 25 | Y-25 | 86 | 7396 | HIGH |
| 26 | Y-26 | 68 | 4624 | MODERATE |
| 27 | Y-27 | 46 | 2116 | LOW |
| 28 | Y-28 | 68 | 4624 | MODERATE |
| 29 | Y-29 | 64 | 4096 | MODERATE |
| 30 | Y-30 | 46 | 2116 | LOW |
| 31 | Y-31 | 64 | 4096 | MODERATE |
| 32 | Y-32 | 46 | 2116 | LOW |
| 33 | Y-33 | 86 | 7396 | MODERATE |


| 34 | Y-34 | 62 | 3844 | MODERATE |
| :---: | :---: | :---: | :---: | :---: |
| 35 | Y-35 | 82 | 6724 | HIGH |
| 36 | Y-36 | 86 | 7396 | HIGH |
| 37 | Y-37 | 84 | 7056 | HIGH |
| 38 | Y-38 | 68 | 4624 | MODERATE |
| 39 | Y-39 | 70 | 4900 | MODERATE |
| 40 | Y-40 | 92 | 8464 | HIGH |
| 41 | Y-41 | 62 | 3844 | MODERATE |
| 42 | Y-42 | 48 | 2304 | LOW |
| 43 | Y-43 | 50 | 2500 | LOW |
| 44 | Y-44 | 66 | 4356 | MODERATE |
| 45 | Y-45 | 68 | 4624 | MODERATE |
| 46 | Y-46 | 80 | 6400 | MODERATE |
| 47 | Y-47 | 92 | 8464 | HIGH |
| 48 | Y-48 | 72 | 5184 | MODERATE |
| 49 | Y-49 | 48 | 2304 | LOW |
| 50 | Y-50 | 50 | 2500 | LOW |
| 51 | Y-51 | 60 | 3600 | LOW |
| 52 | Y-52 | 80 | 6400 | HIGH |
| 53 | Y-53 | 64 | 4096 | MODERATE |
| 54 | Y-54 | 96 | 9216 | HIGH |
| 55 | Y-55 | 96 | 9216 | HIGH |
| 56 | Y-56 | 92 | 8464 | HIGH |
| 57 | Y-57 | 80 | 6400 | HIGH |
| 58 | Y-58 | 80 | 6400 | HIGH |
| 59 | Y-59 | 74 | 5476 | MODERATE |
| 60 | Y-60 | 90 | 8100 | HIGH |
| 61 | Y-61 | 92 | 8464 | HIGH |
| 62 | Y-62 | 78 | 6084 | MODERATE |
| 63 | Y-63 | 72 | 5184 | MODERATE |
| 64 | Y-64 | 98 | 9604 | HIGH |
| 65 | Y-65 | 64 | 4096 | MODERATE |
| 66 | Y-66 | 72 | 5184 | MODERATE |
| 67 | Y-67 | 90 | 8100 | HIGH |
| 68 | Y-68 | 98 | 9604 | HIGH |
| 69 | Y-69 | 98 | 9604 | HIGH |
| 70 | Y-70 | 94 | 8836 | HIGH |
| 71 | Y-71 | 64 | 4096 | MODERATE |

## Table 4.6

Distribution of Reading Comprehension Frequency

| No | Score interval | Frequency | Category | Percentage |
| :--- | :--- | :--- | :--- | :--- |
| 1 | $98-80$ | 26 | High | $31 \%$ |
| 2 | $78-62$ | 34 | Moderate | $47 \%$ |
| 3 | $60-40$ | 11 | Low | $22 \%$ |

Based on Table 4.6 above, the scores for reading comprehension were including the high category of $31 \%(26)$, the moderate category of $47 \%$ (34), and the low category was $22 \%$ (11).

## 3. Normality Test

a. Normality test of Reading Interest

Table 4.6
Normality Test

One-Sample Kolmogorov-Smirnov Test

|  |  | Questionare |
| :--- | :--- | ---: |
| N |  | 71 |
| Normal Parameters ${ }^{\text {a,b }}$ | Mean | 4.9000 |
|  | Std. Deviation | .00000 |
| Most Extreme | Absolute | .500 |
| Differences | Positive | .500 |
|  | Negative | -.500 |
| Kolmogorov-Smirnov Z | 3.225 |  |
| Asymp. Sig. (2-tailed) | .000 |  |

a. Test distribution is Normal.
b. Calculated from data.

The data was interpreted normal, if $\mathrm{p}>0.05$ if $\mathrm{p}<0,05$ it means the data was not normal. Kolmogorov -Smirnov Z was used to see the normality of the data. The
result of the normality test in the table above indicated that the data of the questionnaire was normal and appropriate for data analysis.

b. Normality Test of reading comprehension

Table 4.7

Normality Test of Reading Comprehension

One-Sample Kolmogorov-Smirnov Test

|  |  | Questionare |
| :--- | :--- | ---: |
| N |  | 71 |
| Normal | Mean | 16.3492 |
| Parameters ${ }^{\mathrm{a}, \mathrm{b}}$ | Std. Deviation | 8.53864 |
| Most Extreme | Absolute | .138 |
| Differences | Positive | .138 |
|  | Negative | -.101 |
| Kolmogorov-Smirnov Z | 1.225 |  |
| Asymp. Sig. (2-tailed) | .184 |  |

a. Test distribution is Normal.
b. Calculated from data.

The result of the normality of the reading comprehension test score was shown in the table indicated normal and appropriate for data analysis with coefficient 0,184 .

## 4. Linearity Test

a. Linearity Test of Topic Preference

Table 4.8
Linearity Test of Reading Interestand Reading Comprehension Size ANOVA

|  |  |  | Sum of Squares | Df | Mean Square | F | Sig. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reading <br> Interest* <br> Reading | Between Groups | (Combined) | 885.409 | 15 | 112.027 | 7.526 | . 000 |
|  |  | Linearity | 776.106 | 1 | 776.106 | 98.960 | . 000 |
|  |  | Deviation from Linearity | 109.303 | 12 | 14.807 | . 496 | . 769 |
|  | Within Groups |  | 486.245 | 58 | 30.843 |  |  |
|  | Total |  | 1371.654 | 71 |  |  |  |

From the table 4.8 above the linearity test was obtained. If the deviation from Linearity Sig. higher than 0.05 then the two variables are linear. The result showed that, the deviation from linearity between Reading Interestand Reading Comprehension was 0.776 . It could be concluded that $0.776>0.05$ so, Reading Interestand Reading Comprehension were linear.

## 5. Homogeneity Test

Table 4.9

## The Result of Homogeneity Test

|  | Topic <br> Preferenc |  | Reading comprehension |
| :---: | :---: | :---: | :---: |
| Mean |  | 4.238 | 16.42222222 |
| Variance |  | . 370909091 | - 72.56767677 |
| Observations |  | 71 | 71 |
| Df |  | 70 | 70 |
| F |  | 0.019 |  |
| $\mathrm{P}(\mathrm{F}<=\mathrm{f})$ one-tail |  | 0 |  |
| F Critical one-tail |  | 0.656 |  |

The result from the table showed the researcher knew that the data both of the Reading Interestquestionnaire and the data of reading comprehension scores are homogeny.

## B. Research Findings

1. The Correlation between Reading Interestand Reading Comprehension This section answered the first research problem Is there any significant correlation between Reading Interestand Reading Comprehension? by
analyzing the 71 result of Reading Interestquestionnaire and Reading Comprehension Test. The result can be seen below: Table 4.10. Correlation between Reading Interestand Reading Comprehension.

Table 4.10

## Correlation between Reading Interestand Reading Comprehension.

## Correlation

$\left.\begin{array}{|ll|r|r|}\hline & & \begin{array}{l}\text { Topic } \\ \text { Preference }\end{array} & \begin{array}{l}\text { Reading } \\ \text { comprehension }\end{array} \\ \hline \begin{array}{ll}\text { Topic } \\ \text { preferen } \\ \text { ce }\end{array} & \begin{array}{l}\text { Pearson }\end{array} & \begin{array}{l}\text { Correlation }\end{array} & 590 \\ & \text { Sig. (2-tailed) } & & 71\end{array}\right)$

Calculations using SPSS 18. This can be seen from the table above The Person Product Moment Correlation coefficient is 0,590 for significance level 0.05 . To prove the value of " r " based on the calculation of degrees freedom is known that $\mathrm{df}=\mathrm{N}-\mathrm{nr}, \mathrm{N}=71$, $\mathrm{nr}=2(71-2=69)$. Can be presented r table $=0.196$, then $0,590>0.196$, it also shown that the sig. (2- tailed) was $0.003<0.05$. Which mean that there is correlation between Reading Interesttoward Reading Comprehension. It can be concluded that It can be concluded that (Ha) is accepted and the null hypothesis (Ho) is rejected.

## C. Correlation Analysis

To find out the correlation between Reading Interesttoward Reading comprehension at EFL Students at IAIN Palangka Raya, the researcher used multiple correlation formula to measure Reading Interestand reading comprehension. The result of the calculation can be seen below:

$$
r x_{y}=\frac{n \sum X \cdot Y-\sum X \cdot \sum Y}{\sqrt{\mathrm{n} \sum \mathrm{X}^{2}-\left(\sum \mathrm{X}\right)^{2} \sum \mathrm{Y}^{2}-\left(\sum \mathrm{Y}\right)^{2}}}
$$

$\mathrm{r} x y=$ numeral of index correlation " r "
$\mathrm{N}=$ Total sample
$\sum x y=$ amount X score and Y score
$\sum x=$ amount X score
$\sum Y=$ amount $Y$ score
From the data calculation of variable x and y it is know that:

$$
\begin{aligned}
& N=71 \\
& \sum x=4185 \\
& \sum y=2456 \\
& \sum x y=332691 \\
& \sum x 2=279070
\end{aligned}
$$

Subsequently, it calculated the index of correlation by using ProductMoment formulas follow:

$$
\begin{gathered}
r x_{y}=\frac{n \sum X \cdot Y-\sum X \cdot \sum Y}{\sqrt{\mathrm{n} \sum \mathrm{X}^{2}-\left(\sum \mathrm{X}\right)^{2} \sum \mathrm{Y}^{2}-\left(\sum \mathrm{Y}\right)^{2}}} \\
r x_{y}=\frac{71(332691)-(4186) \cdot(2456)}{\sqrt{71(279070)-(209070) 71(2456)-(2456)}}
\end{gathered}
$$

$$
\begin{gathered}
r x_{y}=\frac{23,621,016-10,280,816}{\sqrt{(12,813,970-10,567,830)(174,376-174,376)}} \\
=\frac{13,3410200}{\sqrt{2246140}} \\
=\frac{13,3410200}{\sqrt{2246140}}=590
\end{gathered}
$$

Based on the results of the above calculations, it can be seen that the variable index correlation X and Y are 590. to prove the value of " r " based on the calculation of degrees freedom is known that $\mathrm{df}=\mathrm{N}-\mathrm{Nr}, \mathrm{N}=71, \mathrm{Nr}=2$, so: $\mathrm{df} 71-2=69$. The result of the robserve $=590>0.196$ can be seen the value robserve $(590)$ is higher at the $5 \%$ significant level (0.196). that means robserve shows correlation between Reading Interestand reading comprehension.

## D. Discussion

The skill of reading comprehension is the most important part when learning English, many factors support reading comprehension, one of which is by using the topic preference, researchers want to prove how much influence it has on reading comprehension toward topic preference. The same is the case with previous studies that discuss reading, but here the researcher only focuses on reading comprehension and its correlation topic preference. Researchers examined as many as 71 students whose population was $4^{\text {th }}$-semester students who were taking reading courses.

In general, the results of the study indicate that there is a significant influence between reading and Reading Interestbased on the calculation of the data collected through the study. This is thought with the statement of Toendan reading as an interactive process between the reader's background knowledge and the text.

Specifically, reading is an interaction between information obtained by bottom-up decoding and information provided through top-down analysis, both of which depend on certain kinds of prior knowledge and certain kinds of information-processing skills. The results of research on the Reading Interestvariable using a scale, The data obtained were classified into three categories according to Saifuddin Azwar (2014: 135). These categories are high, medium, and low, and based on this research, the average produce obtained is medium

The acquisition of data on students' reading comprehension ability using the test was categorized into three categories namely high, medium, and low. The reading comprehension data fall into the category high amounted to 12 ( $16.9 \%$ ), medium category amounted to $64.8 \%$, and categories low amounted to 13 (18.3\%).

The ability to read comprehension is defined as the ability of someone who understands the main ideas, important details, and can create conclusions from the reading (Alek and Achmad, 2010: 93). Someone said has the ability to read comprehension if he can understand the reading he reads. The results of research on the relationship between Reading Interesttoward reading comprehension of $4^{\text {th }}$ semester EFL students with numbers population 71 obtained a correlation coefficient of 0.590 . The correlation coefficient of 0.590 in the interpretation table the correlation coefficient is included in the medium category.

The price of the correlation coefficient also indicates there is a positive relationship between reading interest and reading ability understanding. This means that every increase in the independent variable namely Reading Interestaffected the increase in the
dependent variable, namely reading comprehension skills. The results of this study provide an overview for the teacher that interest in reading positively related to reading comprehension ability. More and more the higher the students' reading interest, the higher the reading ability understanding. Thus, teachers should strive to increase students 'reading interest so that students' reading comprehension ability the higher it is.

However this research also has a few obstacles, this study only examines one factor that affects ability reading comprehension is the topic preference, even though it is in the process there may be other factors at play but cannot be controlled by researchers and also In this study, researchers only examined $4^{\text {th }}$-semester students who are taking critical reading courses at IAIN Palangka Raya of academic year 2020/2021., so the results of this research cannot be generalized to other schools or a wider area.

## CHAPTER V

## CONCLUSIONS AND SUGGESTION

In this chapter, the researcher present : (1) Conclusion; and (2) Suggestion based on the findings of the research.

## A. Conclusions

Based on the data analysis discussed in Chapter IV, it can be concluded is that students' reading interest and reading ability are in the medium category. The results of hypothesis testing show r count amounting to $0.590>\mathrm{r}$ table of 0.234 in the $\%$ significance level with $\mathrm{N}=71$ which means the hypothesis is proven. The correlation coefficient is 0.590 indicates that reading interest with reading comprehension ability has a positive relationship. This means that every increase in the independent variable, namely reading interest affected the increase in the variable bound is the ability to read comprehension.

## B. Suggestions

Based on the results of the research conclusions, the researcher provides suggestions to the following parties.

1. Students

Reading class students are advised to do more increase active participation in reading activities. This matter can be done by starting to get used to reading starting from books you like. Besides, fourth-grade students, it is also advisable to start
practicing rewriting your conclusions readings that are read so that the longer the ability to attract reading conclusions are increasing.
2. Teacher

For reading class students it is recommended to motivate students to increase active participation in reading activities, for example by providing rewards. Class V teachers are also advised to always remind students carefully in reading and training activities students by way of questions and answers to find answers to questions that are in the reading quickly.

## 3. Next Researcher

This research discussed reading interest and now there are a lot of students who lack reading interest so that it affects reading comprehension, it is hoped that the next researcher can explore ore about reading interest and supporting factors about reading interest.

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