

# THE CORRELATION BETWEEN STUDENTS' VOCABULARY MASTERY AND SPEAKING SKILL AT FIFTH SEMESTER OF ENGLISH STUDY PROGRAM IN PASIR PENGARAIAN UNIVERSITY

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## ABSTRAK

Tujuan dari penelitian ini adalah untuk mencari hubungan antara kemahiran kosa kata dan kemampuan berbicara siswa di semester enam pendidikan bahasa inggris di Universitas Pasir pengaraian. Di samping itu juga menilai tingkat kemahiran kosa and kemampuan berbicara siswa-siswa tersebut. Setelah di analisa data tersebut, di temukan r hitung nya adalah 0,559 dengan taraf signifikan 0.05% dengan degree of freedom (df= n-2) adalah 22. Itu artinya r hitung lebih tinggi dari pada r tabel ( $0.599 > 0.404$ ), yang berarti ada hubungan positif antara variabel x dan y dengan kata lain hipotesis alternatif di terima.

*Kata kunci : korelasi, kemahiran kosakata, kemampuan berbicara*

## ABSTRACT

The purpose of this research was aimed at finding out the correlation between students' vocabulary mastery and speaking skill as well as also the students' mastering in vocabulary mastery and students' skill in speaking at the fifth semester students of english study program in University of Pasir Pengaraian. After analyzing and calculating the data, it was found that r calculated was 0,559 with level significance 0.05, and the degree of freedom (df= n-2) was 22. It means that r- counted was higher than r-table ( $0.559 > 0.404$ ). So, there is cirrelation between two variables above. Therefore, the research hypothesis is accepted, that said "There is correlation between students' vocabulary mastery and speaking skill at the fifth semester of English study program in University of Pasir Pengaraian".

*Key word: correlation, vocabulary mastery, speaking skill*

## INTRODUCTION

There are many languages in the world which are used as communication media for people to communicate each other. Therefore, the function of language is absolutely important for people's social life because always make interaction with others. Language must have function and meaning. Language which exists in world perhaps can reach one billion languages, because each race rounds the world which has particular attitude, they exactly have special language also. However, there is a language, which the people often to use it as a communication and that language is English.

In English, there are four language skills that should be mastered by the students, they are speaking, listening, reading, and writing even every skill has spesific form each other. From the four

skills divided by two kinds Producing skill and receiving skill. Producing skill they are speaking and writing than the receiving skill are listening and reading. One of producing skill is speaking. This skill has very important role to play, especially to obtain information from the speaker who are speak. than students have be able to take information from the speaker clearly, effectively, and acceptable.

Speaking is the skills that the students should be mastered. And the proofs of the students able to do that are they can speak English and they can take the information well. By speaking some one can take information from the other people and it can to share information to the other people, and the student can spend their time in a positive thing such as make some conversation, debating, dialogue, it can be a way for them to get new information, increase vocabulary, and improving their structure. Speaking

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is a neglected language skill in many classrooms. The students may have good knowledge of grammar and wide vocabulary to express ideas orally. Even students are able to use correct grammar, but it does not definite they have been expressed in oral” Joanna Baker and Heather (2003:8). Meaning that even some one good in grammar it does not possible for them definite it orally.

According to Bygate as quoted by Nunan adopted by Antoni (2005:9) “speaking is oral interaction where the participants need to negotiate the meaning contained in ideas, feelings, and manage in terms of who is to say what, to whom and about what. It means that speaking is an oral interaction of the people, it can be applied by two people or more that, that it negotiates the meaning contained in ideas that has been stated in their mind, with speaking people can share their feeling to the other people orally. And also about content, people are going to say what to whom and about what.

As Winndowson in Antoni(2005:9) communication through speaking is commonly performed in face to face and occurred as part of dialogue. The idea of speaking itself can not be communicated unless what is being said is received and understood by another person. Meaning that speaking is a kind of performance by some one and it usually have been happened orally by two persons or more .

Based on the researcher do an observation on 21 July 2014 at fifth semesters’ student of English study program in Pasir Pengaraian University, the Researcher did observe by using interview and questionnaire and the researcher got the problem in their class. From 24 students in fifth semester the researcher observed in 10 question that a give to them as questionnaire more than 13 students totally answer all the question that the researcher given to them and many problems researcher found in speaking skill but most of the problem there are lack of vocabulary, less confidence, poor in grammar, lack of motivation, and poor in practice.

As far as the Researcher understand about the problem in their class the most important problem in speaking English among the other problem was found is lack of vocabulary meaning that mastering in vocabulary. Vocabulary is one important aspect in learning English. With a limited vocabulary anyone

will also has a limited understanding in terms of English such as speaking. It is true that it might be impossible to learn a language without mastering in vocabulary. Then it becomes the problems confronted by English language learners. Because of the limited vocabulary, the learners can not communicate to others clearly.

Sometimes it is difficult to group the idea transmitted to them. The acquisition of a large number of vocabularies can help the students to speak. Vocabulary is the first and foremost important step in language acquisition (Naveen, 2009:1) meaning that vocabulary is very important part in the language because every languages need vocabulary, so that English is a kind of languages so vocabulary is needed by English.

As stated by Susanti (2002:89)“Vocabulary is the total number of words in a language. It is also a collection of word a person knows uses in speaking and writing. It means that vocabulary is a total number of words that we use in the language, every word we produce to be a sentence we called by vocabulary. And vocabulary is a collection of word that a person use it for speaking or writing project.

Also according to Richards in Sariatun (2002:4) “Vocabulary is one of the most obvious components of language and one of the first things applied linguists turned their attention”. If we talks about vocabulary the thing that come to our mind is about a group of word on a certain language as part of teaching foreign language and than vocabulary is one of the most obvious component of language.even vocabulary the most obvious but it turn their attention.

It means that vocabulary is one of the most important parts of language, vocabulary very influence the part of speech such as writing, speaking, reading, or listening. The comments many word do we have, it makes we better in all part of speech of the language. and every one who want to be a successful to be a writer, speaker so on in his or her collage, it determined by their vocabulary.

## METHODOLOGY

The design of this research is a descriptive quantitative research. This research has two variables, they are variable X and variable Y. According to Sudijono 2014:36 “The word

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variable becomes from English “Variable” has meaning changing, unpermanently factor, and indication can be changed. it means that variable has several meaning but unfortunately they have some target that are one factor influence the other factor. And Widoyoko (2012:2) states that variable is the concept that has various meaning.

According to Widoyoko (2012:5) free variable (independent) are variable influences or be a factor of changing the other variable and bound variable (dependent) are influenced by or cause effect the independent variable. This Research was conducted at fifth semester class of English study program in Pasir Pengaraian University notably it is focused on the Class A and the Class B. The Research was conducted on November 2014.

The population in this research are all the students at fifth semester of English study program in Pasir Pengaraian University. According to Arikunto(2010:173) population is whole the subject in the research.. The number of population is about 24 students. They were consist of 2 classes, Class A and Class B.

Arikunto(2010:174) states that “Sample is partially or represent the populations are going to be researched”. The technique used to determine the sample is Total sampling technique, which means every number of the population has an equal chance and independent of being selected as sampling, because of the sample of the Research is less than 100 people so the researcher used all the people as a sample.

So, the population at fifth semester of English study program in Pasir Pengaraian University are 24 Students, so the samples are going to take from those students are 24 sample.

The instrumentation of this research was test, test that the answer is exist and the response choose which one is the correct answer”. This test will be used for vocabulary mastery, because of the vocabulary Mastery as Cameroon (2001:78) states that vocabulary mastery included of pronunciation, spelling, grammar, and meaning. It means that there are four part of vocabulary mastery that we have to measure it. So the researcher need to test four parts of Vocabulary Mastery. For Grammar and Meaning the Researcher will used this instrument but for Spelling and Pronunciation the Researcher will used Performance test.

Than for Speaking Test the researcher asked the students to speak in front of class, and the Researcher

gave several topic to them and do the speaking Orally. At this research the researcher gave the response one topic to one response and they choose the topic orally in front of the class. And they will orally speak in front of class. According to Brown (2004:157) The Speaking skill consist of five aspect that we have to measure, they are Pronunciation, vocabulary, grammar, fluency, and comprehension. And based on the Pandiya (2013 : 46) the Scale Criteria of Speaking Performance by using Indicator as follows :

**Table.1 Scale Criteria Speaking**  
(Pandiya 2013 :46)

S c a l e	Profi cien cy	Cate gory	Description of Criteria				
			Pronoun ciation	Gra mma r	Vocab ulary	Fluenc y	IC
0	10- 39%	Very Poor	Many wrong Pronoun ciation	No mast ery in sente nce const ructi on	Little knowl edge of English word	Domite d by hasinat ion	Mess ege uncle ar
1	40- 50%	Poor	Frequen t incorrect pronoun ciation	Majo r probl em in Struc tur	Frequen t error in word choice	Frequen t hasinat ion	Disc onect ed Idea
2	60- 70%	Aver age	Occati onal errors in pronoun ciation	Seve ral error s in stuct ure	Occati onal error s in word choice	Occati onal hasinat ion	Idea stand out loose ly orga nized
3	75- 80%	Good	Some errors in pronoun ciation	Mino r probl em in struc ture	Minor errors in word choice	Minor Hasinat ion	Clear and orga nized ideas
4	85- 100 %	Very Good	No errors/mi nor errors	Dem onstrates mast ery of struc ture (few error )	Effecti ve/App ropria te word choice	No Hasinat ion	Well orga nized and clear ideas

In analyzing the students’ score in vocabulary mastery, the researcher followed some steps, they are :

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- 1) To find the score of students Vocabulary Mastery, the researcher used formula as followed :

$$SC = \frac{\text{The getting score}}{\text{the total score}} \times 100$$

- 2) Find out the mean, maximum score, minimum score and standard deviation of students score in vocabulary mastery , the reseaecher used formula SPSS application in windows.
- 3) To give interpretation of the students scoring in vocabulary mastery by interpreting with the level. The researcher used the scale interpretation as follow :

**Tabel.2 The Scale of Students Level in Vocabulary Mastery**

Interval	Category	Frequency	Percentage (%)
80-100	Excellent		
61-80	Good		
41-60	Average		
21-40	Bellow Average		
0-20	Poor		
Total			

(Sumarno 2009:46)

In analyzing the students' score in Speaking skill, the researcher followed some steps, they are:

- 1) To find the score of students Speaking skill, the researcher used formula as followed :

$$SC = \frac{\text{The getting score} * 25}{\text{total component of speaking}} \times 100$$

- 2) Find out the mean, maximum score, minimum score and standard deviation of students score in Speaking skill , the reseaecher used

formula SPSS application in windows.

- 3) To give interpretation of the students scoring in Speakingg skill by interpreting with the level. The researcher used the scale interpretation as follow :

**Tabel.3 The Scale of Students Level in Speaking Skill**

Proficiency	Category level	Frequency	Percentage (%)
10-39	Very Poor		
40-59	Poor		
60-70	Average		
71-79	Good		
80-100	Very Good		
Total			

In analyzing the correlation between students vocabulary mastery and speaking skill, the researcher followed some steps, they are :

- 1) To find out the score of the correlation (rxy) by using SPSS application.
- 2) After get the score of rxy, the researcher gave interpretation to the rxy score, as suggested by Sudijono (2012:193) as followed :
  - a) To determine the correlation criteria by applying the indexes of correlation, as follows :

**Tabel.4 The Scale of Levelindexes of Correlation**

The score of r Product Moment	Interpretation
0,00 – 0,20	Very Low Correlation
0.20 - 0.40	Low Correlation
0.40 - 0.70	Fair Correlation
0.70 - 0.90	Suffecent Correlation
0.90 – 1,00	High Correlation

- b) To determine the significant standard 5% and 1% and testing the hypotesis.

- c) Making Conclusion with comparing the score of correlation  $r$  Product Moment with the  $r$  Table.

## FINDING AND DISCUSSION

### 1. Description and analysis of students vocabulary mastery

This data is to determine about how is the students' vocabulary mastery at fifth semester students' of english study program at University of Pasir Pengaraian. After calculating by using formula in the previous chapter, the researcher got the data and Than for giving interpretation to the scoring of students' vocabulary mastery, the researcher refered to the table interpretation.

**Table.5 The interpretation of data analysis of vocabulary mastery.**

Interval	Category	Frequency	Percentage (%)
80-100	Excellent	2	8,33
61-80	Good	13	54,16
41-60	Average	9	37,5
21-40	Bellow Average	-	
0-20	Poor	-	
Total		24	

Based on the table above, the researcher found that, there are many kind of level that the students stand in the mastering of vocabulary at the fifth semester students in University of Pasir Pengaraian. There are 2 students or 8,33% in the excellent level, 13 students or 54,16% in the good level, 9 students or 37,5% in the average level and there is no one in the bellow average or poor level.

### 2. Description and analysis of students speaking skill.

This data is to determine about how is the students' speaking skill at fifth semester students' of english study program at University of Pasir Pengaraian. After calculating by using formula in the previous chapter, the researcher got the data and Than for giving interpretation to the scoring of students' speaking skill, the researcher refered to the table interpretation.

**Table.6 The Interpretation of Data Analysis of Speaking Skill**

Proficiency	Category level	Frequency	Percentage (%)
10-39	Very Poor	-	0%
40-59	Poor	8	33,33%
60-70	Average	10	41,66%
71-79	Good	4	16,66%
80-100	Very Good	2	8,33%
Total		24	100%

Based on the table above, the researcher found that, there are many kind of level that the students stand in the Speaking skill at the fifth semester students in University of Pasir Pengaraian. There are 8 students or 33,33% in the Poor level, 10 students or 41,66% in the average level, 4 students or 16,66% in the good level, 2 students or 8,33% in the very good level and there is no one in the very poor level.

### 3. Description and analysis of the correlation between students' vocabulary mastery and speaking skill at fifth semester of English study program in University of Pasir Pengaraian.

find out the coeficience correlation ( $r_{xy}$ ), the researcher used SPSS windows application. Than the result after calculating by using SPSS, as follows :

**tabel.7 the Result of Correlation ( $r_{xy}$ ) by using SPSS**

		X	Y
X	Pearson Correlation	1	,559**
	Sig. (2-tailed)		,005
	N	24	24
Y	Pearson Correlation	,559**	1
	Sig. (2-tailed)	,005	
	N	24	24

\*\* . Correlation is significant at the 0.01 level (2-tailed).

It can be gotten the result of the correlation is **0,559**. After the researcher got the result of the correlation between X variable (Vocabulary Mastery) and Y variable (Speaking Skill) the researcher consulted to give interpretation as suggested by Sudijono (2012:192) as follow :

1. Interpretation correlation by applying the indexes r product moment.  
In giving interpretation to the indexes of the correlation r Product Moment, the correlation criteria by applying the indexes of correlation, as suggested by Sudijono (2012 : 193) as follows :

**Tabel.8 The Number of Indexes of Correlation**

The score of r Product Moment	Interpretation
0,00 – 0,20	Very Low Correlation
0.20 - 0.40	Low Correlation
0.40 - 0.70	Fair Correlation
0.70 - 0.90	Suffiecent Correlation
0.90 – 1,00	High Correlation

after the researcher found that value of  $r_{xy}(0,559)$  and look in to the table of indexes corelation, it can be conclude that the level of this correlation is 0,40 – 0,70, based on the table of criteria r Product Moment is in the Fair Correlation

2. Interpretation about correlation coefficient is connected with the table of product moment.  
In giving interpretation about the index number of correlation r Product Moment and to connected with the r Table, as suggested by Sudijono (2012: 194) as follow :

1. Formulating the hypotesis.  
The hypotesis was formulated by the researcher in the previous chapter.
2. Testing the Hyposis

Testing the hypotesis the researcher compare the value score of the r correlation ( $r_{xy}$ ) and the value score of “r” in the table r Table in Product Moment ( $r_t$ ) .

- 1) If the  $r_{xy} < r_t$  , H1 is rejected (significant correlation)
- 2) If the  $r_{xy} > r_t$  , H1 is eccepted (not significant correlation)

Than before to compare between ( $r_{xy}$ ) and ( $r_t$ ) the researcher finds about ( $r_t$ ) in *degree of freedom* (df) as suggested by Sudijono (2012:194) as follows :

$$df = N - nr$$

where :

df = *degree of freedom*

N = Number of Cases

nr = the number of variables

so, the degree of freedom (df) is  $N - nr = 24 - 2 = 22$ . And after find the score of df is 22 than the researcher consulted with the table of coefient corelation Product Moment by Pearson.The score of df is found, as follow :

**Tabel.9 the significant Standard 5% and 1%**

Significant Standard 5 %	Significant Standard 1 %
$r_t : df = N - nr$ $r_t : df = 24 - 2 = 22$ Significant Standard 5 % get = 0,404	$r_t : df = N - nr$ $r_t : df = 24 - 2 = 22$ Significant Standard 1 % get = 0,515

Based on the score of Significant Standard of df in 5 % (0,404) or in 1 % (0,515) and compare with the the result of this Research  $r_0(0,559)$  . It can be conclude that  $r_{xy} > r_t$ . It means that H0 (Null Hypotesis) is rejected and H1 (Research Hypotesis) is eccepted. From accumulated the data

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above, the researcher found that there is correlation between students Vocabulary Mastery and Speaking Skill at fifth semester students of English Study Program in University of Pasir Pengaraian.

## CONCLUSION AND SUGGESTION

### 1. Conclusion.

As the data presented in the previous chapter, the researcher provides the conclusion as follows :

1. The students' vocabulary mastery at the fifth semester of English Study Program in University of Pasir Pengaraian was in the many kinds of level, they were 2 students or 8,33% in the excellent level, 13 students or 54,16% in the good level, 9 students or 37,5% in the average level and there is no one in the below average or poor level. However most of the students in the fifth semester class was in the good level.
2. The students' speaking skill at the fifth semester of English Study Program in University of Pasir Pengaraian is 8,33% in very good level, 16,66% in good level, 41,66% in Average level, 33,33% in poor level and 0% in very poor level. It can be concluded that the students' speaking skill at fifth semester is very well. They understand the component of speaking well, such as the vocabulary, pronunciation, grammar, fluency and interactive communication and they apply that components.
3. There is the correlation between students' vocabulary mastery and speaking skill at the fifth semester of English Study Program in University of Pasir Pengaraian. The researcher found the result of that correlation is about 0,559. It has been calculated by the product moment calculation, the researcher found that a positive correlation between x variable (vocabulary mastery) and y variable (speaking skill). The researcher gave

the interpretation to the indexes of the table than it has been found that in 0,40-0,70 level it means this correlation is Fair Correlation.

### 2. Suggestion.

Based on the finding about the correlation between students' vocabulary mastery and speaking skill at the fifth semester of English Study Program in University of Pasir Pengaraian, there is some suggestion can be presented to :

#### 1. English Teacher

The teacher of vocabulary mastery and speaking subject need to give more explanation and attention about this subject. And then, the teacher could give more examples and practice to the students' understanding in speaking skill. And the teacher need to give more exercise about the vocabulary mastery.

#### 2. Students.

The students at the fifth semester of English Study Program in University of Pasir Pengaraian should maintain and improve further their mastering in vocabulary and their speaking skill. And the students is suggested to practice more about the subject are being discussed.

#### 3. Institution

For the institution, they are suggested to have well-qualified libraries by providing the students with the good references. And by giving space to the students to read a book and add knowledge about the vocabulary mastery and speaking skill.

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