

CHAPTER III RESEARCH METHOD

In this chapter, the researcher focuses on revealing what are the methods of conducting the research in systematic way. Firstly, the researcher decided the research design which fit with this study. Then, the researcher decided the research setting and th subject for this research. The researcher also explained the source of the data, research instrument, data collection technique and data analysis technique.

A. Research Design

As stated in the purpose of the study, this research was conducted to get the information about the derivational suffix errors in the students' writing assignment of english teacher education department of state islamic university of Sunan Ampel Surabaya. This study used descriptive qualitative which was designed to obtain information to determine the nature of a situation and to describe what exists in a current study objectively. Ibrahim stated that descriptive research is a research which controls and interprets about condition and phenomena such as relation, point of view, attitudes, process, and the influences of condition.¹ Ary supported that descriptive qualitative is designed to obtain information concerning to the current status of phenomena.² It includes collecting data to answer the problems dealing with the current status of people being faced at this moment. We usually call them subject of the study.

This research used that method because it was appropriate to the objectives of the research which focused on the derivational suffixes which are commonly occurred in students writing product and also this research focused on students' derivational suffixes errors in their writing assignment. Because they had learned derivational suffixes subject at morphosyntax class. So that, when they had learned derivational suffixes, logically they will apply and concern on the use of derivational suffixes in their writing. The results of

¹Nana Sudjana, *Penelitian dan Penilaian Pendidikan* (Bandung: Sinar Baru Algensindo, 2009), 65

²Donald Ary, *An Introduction to Research in Education*, (New York: Holt Rinchard & Winston, 1972), p. 259.

the research emphasized more toward the data interpretation found in the field. The results are not written in the form of figures and tables with statistical measures, but it is illustrated in the form of describing words to the results and it is presented in narrative.

B. Research Setting and Subject

In this study, the researcher took the students from the fourth semester of English Teacher Education Department at state Islamic university of Sunan Ampel Surabaya academic year 2016-2017 to employ as the subject of this research. Actually, the total students of argumentative writing were 120 students who are divided into five classes; A, B, C, D, E. But, the researcher only took C class (content of 30 students but the researcher only take 13 students) and E class (content of 13 students) with the same lecturer. The English lecturer on this class applied assignment of making argumentative writing every week during the semester, but the researcher only took three assignments of students' writing.

This research was conducted in Argumentative writing class of English Teacher Education Department of state Islamic university of Sunan Ampel Surabaya in the academic year of 2016-2017. This university was chosen by the researcher because the researcher had some considerations. Firstly, the reason is because the university has English Education Department that has morphosyntax class which teach the students about derivational suffixes. Secondly, the researcher chooses that class because this study is about analysing derivational suffixes error in students' writing assignment and only the students in this writing class have learned about derivational suffixes. Thirdly, it is the difficulties of students in using derivational suffixes on their writing assignment and the experience of the researcher who has become students in that class.

C. Data and Source of Data

Source of the data is the most important thing in conducting research. It contained of many information which is necessary. In conducting research of derivational suffixes error in students' writing assignment, the data of this research were some error words occurred in the students' writing text in

context of derivational suffixes. The data were taken from the students' weekly assignment of argumentative writing class of English Teacher Education Department of state Islamic university of Sunan Ampel Surabaya.

D. Research Instrument

Each technique which is used to collect the data needs an instrument. Instrument is the measurement tool in the test which potentially made the researcher easier in collecting data and analysis.³

In short, instrument is a tool which is used by a researcher in using method during conducting the research in order to get the data better. Thus, determining instrument depends on the method used in the research. The instrument which was used by the researcher to collect the data was checklist in the form of table. The checklist (see on the table below) was very necessary for classifying the types of derivational suffixes errors produced by the students in their writing assignment and this checklist was also used to answer the first and the second research question because it had contained the classification of derivational suffix error and errors' frequency that had been produced based on the theory used.

Table 3.1: Table of Derivational Suffix Error for Each Student

Derived Word			Base Word		Suffix	Type of Derivational Suffix
Error Word	Correct Word	Word Class	Word	Word Class		

Note: This table is used to classify the error for each students' writing assignment. Further, the error will be classified and counted based on each type of derivational error in the following table.

³Sugiono, *Metode penelitian, pendekatan kuantitatif, kualitatif, dan R&D* (Bandung: Alfabeta,Cv., 2010), 148

Table 3.2: Table of Error Words in Each Type of Derivational Suffix

Nominal Suffix					
Original Word Class	Suffix	Based Word	Derived Word		Total
			Error Word	Correct Word	
Verb					
Adjective					
Noun					
Total					
Verbal Suffix					
Original Word Class	Suffix	Based Word	Derived Word		Total
			Error Word	Correct Word	
Adjective					
Noun					
Total					
Adjectival Suffix					
Original Word Class	Suffix	Based Word	Derived Word		Total
			Error Word	Correct Word	
Noun					
Verb					
Total					
Adverbial Suffix					
Original Word Class	Suffix	Based Word	Derived Word		Total
			Error Word	Correct Word	
Adjective					
Noun					
Total					

E. Data Collection Technique

Collecting data can be done in various setting, sources and ways including interview, questionnaire, observation, and documentation.⁴ In this research, the researcher used documentation technique.

⁴Ibid, p. 137

The researcher asked the permission of the lecturer to ask and copy the students' writing assignment. The researcher only asked three assignment of each student in that class. After that, the researcher read those argumentative writing assignment deeply and looked for the errors. Then, the researcher classified the error of derivational suffix based on the theory used.

The next step was the researcher counted the frequency and percentage each category based on the formula used. After knowing the percentages of derivational suffixes errors which students made, the researcher selected the highest percentages of derivational suffixes errors analysis.

F. Data Analysis Technique

The data of this study was the form of derivational suffix errors made by the students in their writing assignment given by the lecturer. After collecting data, the researcher analyzed the data by applying the procedures below:

1. Identification of Errors

In this step, the researcher read the students' writing assignment to identify derivational suffix errors. She tried to find out the derivational suffix errors by underlying the errors. She tried to analyze the data as objective as possible.

2. Classification of Errors

After identifying the errors, the researcher described the errors by classifying the errors based on grammatical categories in form of table (all the suffix errors are gathered and classified based on the types of derivational suffix)

3. Calculation of Errors

Based on the errors classification above, the researcher counted the error in order to know the errors frequency made by the students of English Teacher Education Department of state islamic university of Sunan Ampel Surabaya. In this case, the researcher used formula proposed by Sudijono.⁵

⁵Anas, Sudjiono, *Pengantar Evaluasi Pendidikan*, (Jakarta: PT. Raja Grafindo Persada, 2005) p. 104

$$P = \frac{f}{N} \times 100$$

f = Frequency of errors in each type
 N = Total number of errors

Table 3.3: Table for Error Frequency

Original Wors Class	Types of Derivational Suffix								Total (N)
	Nominal Suffix		Verbal Suffix		Adjectival Suffix		Advrbial Suffix		
	f	P%	f	P%	f	P%	f	P%	
Noun									
Verb									
Adjective									
Adverb									
Total									

4. Explanation of Errors

In this step, the researcher made a description of analyzing result on derivational suffix errors and the types of derivational suffix errors in the form of a brief description.

5. Drawing conclusion

The last step was drawing a conclusion based on the analysis. In this step, the researcher made a valid conclusion in the form of a brief description of the errors.