

CHAPTER 3

METHOD OF DATA COLLECTION AND ANALYSIS

Type of Research

The purpose of the study is to find out how teachers' attitudes towards English distance learning are. This study used a mixed-method, which consisted of qualitative and quantitative methods, to get accurate results and trustworthy findings. The quantitative approach explained an issue or phenomenon by gathering numerical form data (Apuke, 2017). In this study, the writer used the quantitative method to know how the teachers' attitudes are toward distance English learning. Qualitative methods are used to find and understand what is hidden behind phenomena that are sometimes difficult to comprehend satisfactorily (Rahmat, 2009). The qualitative approach is used to know the factors that affect the teachers' attitudes

3.1 Data Collection

In this study, data are the most crucial aspect. The writer collected the data from some participants using an instrument that helps. The result of the data gotten helped the writer analyze the educators' attitudes towards English distance learning.

3.1.1. Population and Sample

The participants in this study are teachers who have ever taught English using the distance learning method. The participants in this study were English teachers. In this case, to determine teachers' attitudes in distance learning, the researcher obtained 62 participants. While trying to find out teachers' attitudes in dealing with the problem, the researcher divided the teacher category into two

large groups, namely kindergarten-elementary teachers and junior high school teachers. It is necessary to know the issues they face in detail.

3.1.2. Instrument

The primary instrument to use is a questionnaire, which consists of close and open-ended questions. According to Zohrabi (2013), questionnaires are doubtless, one of the primary sources of obtaining data in any research endeavor. To collect quantitative data, the writer uses a close-ended questionnaire. The questionnaire is designed based on a Likert scale with five options ranging from 1 (strongly disagree) to 5 (strongly agree). To determine the attitude, the writer will use the following criteria:

Mean score ≥ 3 : positive attitude

Mean score ≤ 3 : negative attitude

The questionnaire is put on Google Form and distributed to the English teachers willing to be the respondents. The open-ended questionnaire collects qualitative data. The questions in the close-ended question are whether they are convenient for teaching using the distance learning method. While the items in the open-ended questions are about the factors they are or are not suitable for education using distance learning methods and what things may help them increase their motivation to do distance teaching.

3.1.3 Procedure

There are some steps the writer must follow in doing this research; they are:

1. Preparing the instrument of the research. In this study, the writer uses questionnaires as an instrument.
2. Piloting the close-ended questionnaire and checking its validity and reliability. Ten respondents will be involved in this pilot study.
3. Contacting all the participants and asking their permission to join in this research.
4. Distributing the questionnaire to the participants who are willing to be the respondents in this study.
5. Obtaining and analyzing the data.
6. Interpreting the results.

3.1.4 Method of Data Analysis

After the data were collected, the writer divided the participants into two big groups based on the education level they teach. In this study, the writer used a convergent parallel mixed-method approach. Creswell (2013) stated that this method is the basic and advanced strategy in analyzing data. The writer collected the qualitative and quantitative data, analyzed them separately, and linked them to find the result is supporting or non-supporting each other. The quantitative data were analyzed using descriptive statistics to find the mean and standard deviation. The writer compared the mean of both groups using a T-test. Meanwhile, qualitative data were coded to be further explored and interpreted.