

CHAPTER III

RESEARCH METHOD

A. Research Design

The method of this research is comparative analysis. Comparative analysis technique is one of quantitative analysis technique that can be used to test hypothesis concerns about whether or not there is a difference between or among variable tested. If the difference is found, researcher will need to ensure whether it is significant or only by chance. It makes the data and the result could be more objective. This research aimed to know whether the personality of students especially extrovert and introvert students has difference achievement in speaking ability score.

B. Research Setting

1. Place

This research conducted in UIN Antasari Banjarmasin, it is located in Jendral Ahmad Yani street KM 4.5. The University has 4 faculty and the research is in Faculty of Tarbiyah and Teacher Training, for fifth semester students at English Education Department.

2. Time

The research conducted in the fifth semester of academic year 2018/2019 from November until the end of semester. It followed the schedule when the public speaking class was taught.

C. Participant

From five class A, B, C, D, and E the researcher choose the C, D, E class because it is the public speaking class, the A and B class is class of Play Performance. The participants of this research are fifth semester students from C, D, E class of 2016 accademic year 2018/2019, the total number of students involved in this research is 86 students, the reason why the researcher choose this students because the researcher need a lot of participant and give the questionnaire to all students to indentify their personality.

D. Population and Sample

1. Population

The population of this research is the fifth semesters students of English Department of UIN Antasari Banjarmasin in the academic year of 2018/2019. The total number of the students in the fifth semesters are 153 students which consist of five classes.

2. Sample

In this research, the researcher takes three classes of public speaking classes in the fifth semesters students of English Department of UIN Antasari Banjarmasin in the academic year of 2018/2019. The sample used in this research was purposive sample by classified only extrovert and introvert students, and those became the sample. There are 47 students from the extrovert personality and 39 students from the introvert personality.

E. Research Instruments

1. Questionnaire

The researcher used questionnaire to get the data of students' extrovert and introvert personality. Questionnaire is a list of questions to know respondents' opinion. According to Hornby (1995:952) Questionnaire is a list of (usually printed) questions to be answered by group of people, especially to get facts or information, or for survey. In the study, the questionnaire is given to the students to find numerical data of their personality. In this research, the researcher used the questionnaire which adapted from previous research by Angga (2015), the researcher change the question to different situation but in the same aspect, to answer the questions, respondents only choose the suitable one in the answer. The questionnaire consisting of 16 items with three different answer. They were given 15 minutes to answer all the question. From the questionnaire, the researcher could see whether they are extrovert or introvert.

a. Validity

Validity test was conducted to get the valid questions given for the test. Sugiyono (2012, 121) says that a valid instrument means a

measuring instrument which is used to get valid data. To measure the validity of the test items were measured using SPSS 15.

If the Sig shows < 0.05 , it means the item is valid. From 20 questions given in the questionnaire, there were 16 questions which were valid, while there were 4 questions which were invalid. Table 3.1 shows the question numbers which were valid and invalid.

Table 3.1		
The result of validity test		
No	Item	Question number
1	Valid	2,3,4,7,8,9,10,11,12,14,15,16,17,18,19,20
2	Invalid	1, 5, 6, 13.

b. Reliability

Sugiyono (2012, p. 121) in his book explains that a reliable instrument is an instrument that used to measure the equality of the same data after measuring in many times. The researcher use SPSS 15 to process the reliability test and the result can be seen at the table 3.2 :

Table 3.2	
The result of reliability test	

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.655	.655	16

From the table 3.2 can be seen that the Cronbach's Alpha is 0,655 the score is between 0,5 – 0,7 it can be conclude that the data is moderate reliability.

2. Documentary

The researcher looks for the students final score of public speaking class from the lecturer. This final score is a combination of all student scores consist all of their assignment scores, in class activity scores, and middle and final test scores. The final score used as students score to compared using independent sample T test in SPSS.

F. Data Collection Procedure

In this research the researcher collecting the data from the participant by joining the final test activities, in monday december 10th 2018 the researcher join the E class of 2016 observing their performance in front of the class doing the talk show activities and then giving the questionnaire to all students to identify their personality the questionnaire must be filled to

indicates the extrovert and the introvert students ,next day in tuesday december 11th 2018 the researcher join the C class of 2016 to observe the students perfomance and giving the questionnaire to all students, in the next day wednesday december 12th 2018 the researcher join the D class of 2016 observing and giving the questionnaire. After get all the questionnaire the researcher process the data by scoring the questionnaire to deviding the student into two groups of extroverts and introvers.

The researcher also collected the data of students scores from three classes, C,D, and E class from the lecturer on december 24th 2018, the data is a table of the students assignment score, middle test score, and the final score of the students in public speaking class. This data of students' final score are used to input to the SPSS as the data which compared between two groups of students, extroverts and introverts students.

G. Data Analysis

The students of public speaking classes were given the personality test. After doing the scoring of the questionnaire, and the judgment for the students' personality, the researcher only takes the students from the extrovert personality and the introvert personality. The researcher started using SPSS software to input and process the data. The two groups; the extrovert students and the introvert students and the score of public speaking clearly distributed

as the single data distribution. The researcher will process the data using independent sample T-test.

The researcher also forming the hypothesis, H_0 and H_a which H_0 = There is no difference in English speaking ability between the extrovert students and the introvert students and H_a = There is difference in English speaking ability between the extrovert students and the introvert students. The next step is doing normality and homogeneity test and also using T test (independent sample T-test) and after processing the data using SPSS 15 software the researcher will get the result that can be H_0 or H_a .