CHAPTER III
RESEARCH METHODOLOGY

The research method is the steps taken by researchers to collect data or information to be processed and analyzed scientifically. According to Kothari (2004) research method was a methodical research problem solving technique which could be understood as a science that studies how research was carried out scientifically. In other words, research methodology was a research problem solving technique systematically and could be understood as a method for designing research, collecting data, analyzing data, and presenting the results of the research.

3.1 Research Design

Research design was a method of observation made by scientists to observe a structured or systematic research. Abbot and McKinney (2013) stated that research design was defined as a mode of observation that allowed scientists to collect observations in a systematic and structured way. Theoretically, there were two kinds of research design, namely quantitative and qualitative research. In doing this research, the researcher used qualitative descriptive research. Qualitative research focused on producing descriptive data in the form of speech or writing. It was applied to analyze the language disorders and the kinds of autistic responses that found in The Good Doctor series.

3.2 Object of the Research

The data of this research was taken in The Good Doctor series. This American movie series was an adaptation of a Korean drama with the same title. The objects of this research were to analyze the types of language disorder and to analyze the kinds of autistic responses given by the main character in in The Good Doctor series. The data for this research were collected from the utterances and responses by the main character in The Good Doctor series.

3.3 Method of Data Collection

This research used observational method by Sudaryanto (2015) to collect the data. According to Sudaryanto (2015) the researcher used the observation method to collect the research data. There were two kinds of techniques used in collecting data, namely participatory and non-participatory. In this research, the researcher used non-participatory techniques to collect data because the researcher was not involved in making the movie series. There were several procedures that researchers did in collecting data. First, the researcher watched and read the script from The Good Doctor series. Second, the researcher took notes to collect data which were related to the research problems. Finally, the researcher classified the data based on Carroll (1985) and Rothwell (2000).

3.4 Method of Data Analysis

This research used qualitative descriptive analysis method to analyze the phenomena that occurred in the Good Doctor series. The researchers took several steps in analyzing The Good Doctor series based on the theory of Miles and

Huberman (as cited in Sugiyono, 2013). Below is an explanation of the steps in analyzing The Good Doctor series:

1. First, data reduction. Researcher obtained quite a lot of data after watching The Good Doctor series. Researcher took notes for every language disorder phenomenon that occurred in the series The Good doctor. However, the more researcher observed, the greater the amount of data that would be found. Therefore, from this phenomenon, data reduction must be carried out immediately. Data reduction means that the researcher analyzes or categorizes the data based on the research problem, namely focusing on finding the types of language disorders and types of autistic responses.

2. Second, data display. After reducing the data or categorizing the data based on the object of research, the researcher presented the data analysis in the form of description. That way the readers could easily understand the analysis of the data found in this study.

3. The final step in qualitative descriptive data analysis is drawing conclusions. The conclusion is drawn based on the data that has been analyzed, namely about the types of language disorders and kinds of autistic sufferers experienced by the main character in The Good Doctor series. This is done to answer the questions formulated in this study.

3.5 Method of Presenting The Result Analysis

This research used words and sentences to present the results of data analysis. According to Sudaryanto (2015) there were two kinds of methods of presenting the results of the analysis, namely informal method and formal method. In this research, the researcher presented the results of the analysis using informal methods to present the analyzed data. The results were presented using words and sentences to make the reader easy to understand.