

CHAPTER III

RESEARCH METHODS

3.1 Research Design

This study is qualitative research; it valued an inductive exploration of data to understand concepts or patterns before interpreting the categories of the data (Creswell: 2007: 37). Thus, I collected the data which are transitivity clauses in which Tai Lung is an agent, a medium, or a circumstantial element. Then, I examined the data to find major patterns related to Tai Lung as a character before classifying the data into three categories, namely Tai Lung's characterization, his reasons for becoming evil, or his influence on Tigress. These three categories were established based on the patterns I found in the data. Instead of being delivered statistically, the results of this study are presented in the form of descriptive interpretations of the data.

3.2 Data, Data Source, Population, and Sampling Technique

The data source is the screenplay of *Kung Fu Panda 1* movie (2008) written by Ethan Reiff and Cyrus Voris. The population is the transitivity clauses taken from Tai Lung's utterances, other characters' utterances, and the descriptions in the *action* section where Tai Lung is an active participant, a passive participant, or a circumstance of the transitivity processes. I used the purposive sampling by looking at the population that reveal Tai Lung's qualities as a character. Meanwhile, the data are transitivity clauses, in which Tai Lung is a participant or a circumstance, selected based on their relevance to reveal Tai Lung's characterization, reason for

becoming evil, and influence on Tigress. The table below provide some data sample used in this study.

No	Data	Souces	Reasons
1.	Tai Lung said “Finally, a worthy opponent”	Tai Lung’s utterances	The data reveals Tai Lung’s arrogance
2	Tai Lung said “Did I scare him off?”		
3	Tai Lung said “What are you gonna do, big guy? Sit on me?”		
4	Sifu said “You will beat him”	Other characters’ utterances	The data indicates Tai Lung as someone the heroes should defeat
5	Tigress said “Let us stop Tai Lung”		
6	Po said “I defeated Tai Lung”		
7	Tai Lung punches Shifu clean through the doors of the Jade Palace	Narratives/descriptions in the action section	The data shows Tai Lung’s physical strength as a kung fu master
8	Tai Lung slams Shfu to the floor		
9	Tai lung punches Po across the room		

Table 21 Data Samples

3.3 Methods of Data Collection

Creswell (2014: 15) suggested there are four types of data collection methods, namely observation, interview, document, and audio-visual. In this study, I employed the non-participant observation method since I was a bystander and did not involve myself in any kind of situation. Sudaryanto (2015: 200) stated that the observation method (*metode simak*) requires the researcher to pay close attention to the use of language. Additionally, the documentation technique is also used as a supporting method to obtain the data. While reading the screenplay, I observed Tai Lung’s utterances, other characters’ utterances, and the descriptions in the *action*

section to highlight the clauses in which Tai Lung is present as an agent, a medium, or a circumstantial element. After that, I gathered the clauses in a document.

3.4 Methods of Data Analysis

In analyzing the data, I utilized the transitivity system by Halliday and Matthiessen (2004, 2014). Besides the types of process, I paid attention to Tai Lung's position in the transitivity clause and its implications. I also took account of other participants' and circumstances' significance in the transitivity clauses. To be precise, I utilized the data analysis steps for qualitative research proposed by Creswell (2007: 150-151):

1. In the data management step, I organized the collected data based on Tai Lung's position in the transitivity clauses using Microsoft Word.
2. In the data analysis step, I analyzed the transitivity structure of each datum manually and studied the data to find major ideas related to Tai Lung as a character.
3. In the classifying and interpreting stage, first, I divided the data into three categories of Tai Lung's characterization, reasons for becoming evil, and influence on Tigress. Second, I interpreted the data.
4. In the visualizing step, I summarize the result in a table.