

CHAPTER III

RESEARCH METHOD

This chapter presents the type of the research, subjects and objects of the research, research instruments, data collection techniques, data analysis techniques and data trustworthiness as well.

3.1 Type of the Research

An analysis related to the rhetorical styles employed by the English Department students of Yogyakarta State University in writing the introduction section of research articles is carried out. The analysis evaluates the macro and micro strategies employed by the English Department students in justifying the importance of the research topic. The process of evaluation refers to the Create a Research Space (CARS) model by Swales (1990) which has been modified in 2004.

Additionally, the data analysis leads to a revelation of pedagogical implications. The revelation of the pedagogical implications is carried out as a means to propose several writing activities to be conducted in academic writing classes. Following that line, thus, the data within the present research is interpreted qualitatively. Henceforth, considering the above description and explanation, this research is referred to as qualitative.

3.2 Subjects and Objects of the Research

The subjects of the research are the research articles written by the English Department students majoring in English Education at Yogyakarta State University. The research articles selected are already published in the *English Language Teaching Journal* of Yogyakarta State University within the year of

2018. The *English Language Teaching Journal* was launched in 2012. The purpose of ELT Journal is to promote the research and practice of English Language Teaching. Specifically, the ELT journal concerns with the latest issues pertinent to English Language Teaching in Indonesia. In addition, it is also interested in the common and latest theory related to Teaching English as a Foreign Language. Above all, the research articles are able to be accessed online at *journal.student.uny.ac.id*.

The objects of the research primarily focus on words, phrases, and sentences in the introduction section. In other words, the objects are carried out in accordance with the introduction section of research articles written by English Department students. Also, the objects of the research are supposed to represent the macro and micro structures of Create a Research Space (CARS) model by Swales (2004).

3.3 Research Instruments

The researcher acts as the main instrument of the present research. In other words, the researcher provides a main contribution in collecting, categorizing, analyzing, and interpreting the data. The researcher is also responsible in inferring the results of the research. The analytical framework is referred to the Create a Space Research (CARS) model of English research article proposed by Swales (1990) that has been modified in 2004. That is to say, the introduction sections selected are supposed to employ the macro and microstructures of CARS model presented in Table 3.1.

Table 3.1 The Macro and Micro Structures of CARS

Move 1 Establishing a Territory	Step 1 Claiming Centrality	<ul style="list-style-type: none"> - Referring to the prior or classic works. - Referring to the fundamental character of the research issue. - Referring to the actively research topic investigated by other experts.
	Step 2 Making Topic Generalization	<ul style="list-style-type: none"> - Highlighting the complexity of the research data by involving a clear statement of the research knowledge. - Highlighting the complexity of the research data by involving a clear statement of the research phenomena.
	Step 3 Reviewing Items of Previous Research	<ul style="list-style-type: none"> - Presenting a specification of prior research findings. - Providing an attribution to the person who carried out the prior research. - Giving an opinion towards the prior research.
Move 2 Establishing a Niche	Step 1A Counter-Claiming	<ul style="list-style-type: none"> - Introducing a gap of the prior theory which is considered has a weak argument.
	Step 1B Indicating a Gap	<ul style="list-style-type: none"> - Pointing out the research gap that put up with some limitations.
	Step 1C Question-raising	<ul style="list-style-type: none"> - Outlining an important question related to the gap of the prior research that is analyzed and examined in the current research.
	Step 1D Continuing a Tradition	<ul style="list-style-type: none"> - Extending the prior research to clarify a research problem being analyzed.
Move 3 Occupying the Niche	Step 1A Outlining Purpose	<ul style="list-style-type: none"> - Describing the objectives of the research in detailed.
	Step 1B Announcing Present Research	<ul style="list-style-type: none"> - Explaining the objectives of the research by describing the procedures that the researcher is going to accomplish or presenting the primary feature of the research.
	Step 2 Announcing Principal Findings	<ul style="list-style-type: none"> - Highlighting the general summary of research findings.
	Step 3 Indicating Structure of the Paper	<ul style="list-style-type: none"> - Stating the structure and organization of the research.
	Step 4 Evaluation of Findings	<ul style="list-style-type: none"> - Pointing out the strength and weakness of the research findings.

Furthermore, a data sheet is also used in this research. A data sheet is used to classify the data based on the number of occurrences of the macro and micro structures. In addition, it is also used to analyze the rhetorical styles of the introduction section written by the English Department students of Yogyakarta

State University. The micro and macro structures are in accordance with the Swales' Create a Research Space (CARS) model. The table of data sheet is given as follows.

Table 3.2 The Data Sheet

No	Data	<u>Move 1</u> Establishing a Territory			<u>Move 2</u> Establishing a Niche				<u>Move 3</u> Occupying the Niche				
		CC	MTG	RIPR	C-C	IG	Q-R	CT	OP	APR	APF	ISP	EF
1.	In Indonesia, English is taught in senior high schools. <i>(Developing Film-Based Listening and Speaking Materials for Grade XI Students of Senior High Schools)</i>		V										

Note

Move 1 (Establishing a Territory)

- CC : Claiming centrality
- MTG : Making topic generalization
- RIPR : Reviewing items of previous research

Move 2 (Establishing a Niche)

- C-C : Counter-claiming
- IG : Indicating a gap
- Q-R : Question-raising
- CT : Continuing a tradition

Move 3 (Occupying the Niche)

- OP : Outlining purpose
- APR : Announcing present research
- APF : Announcing principal findings
- ISP : Indicating structure of the paper
- EF : Evaluation of Findings

3.4 Data Collection Techniques

The numbers of research articles written by the English Department students of Yogyakarta State University are selected. The selection of research articles is conducted as an attempt to analyze the rhetorical styles referring to the

CARS model by Swales (2004). Furthermore, a set of particular criteria is created as the guidance in the process of choosing the research article, including:

1. The research articles selected focuses on the topic of English Education,
2. The research articles are available in the *English Language Teaching Journal* of Yogyakarta State University within the year of 2018,
3. The research articles selected are able to be accessed online at *journal.student.uny.ac.id*.

In other words, a purposive sampling is carried out to select the numbers of research articles as the data source. Additionally, the researcher reasonably selects the research articles within the field of English Education. The process of selection is with due regard to the familiarity with the topic. Furthermore, the research articles written in Indonesian are definitely opted out of the selection process.

3.5 Data Analysis Techniques

The section of data analysis is projected to analyze the structure of the introduction section. The process of analyzing is in accordance with the Create a Space Research (CARS) model by Swales (2004). The CARS model is considered as the essential framework for the present research as it offers a clear format to schematize the structures of the introduction sections. Above all, the data are analyzed using the procedures suggested by Safnil (2013). The procedures are divided into 4 stages. Accordingly, the researcher carries out several steps in analyzing the data as follows.

1. The first step focuses on carefully reading the titles, abstracts, and key terms to get an initial understanding related to the research topic.

2. The second stage focuses on identifying the frequent appearances of the macro and micro structures of the CARS model.
3. The third stage focuses on identifying the linguistic features and discourse clues, such as the specific lexical items, formulaic expressions, and cohesive markers.
4. Drawing a conclusion of the research context is also carried out to get a better frame related to the communicative purpose of the introduction section.

3.6 Data Trustworthiness

In the present research, the data trustworthiness is carried out through the process of content validity and expert judgment. The content validity is conducted by straightforwardly defining the research objective that is going to be examined (Brown, 2004:22). It is carried out through the process of analyzing and referring the research data to a related theory in investigating and interpreting the data. The theory used as a framework is the Create a Research Space (CARS) model proposed by Swales (2004). As a result, the identification of macro and micro structures based on CARS model is carried out.

The first macro structure of the CARS model is establishing a territory. It mainly consists of three micro structures, namely claiming centrality, making topic generalization, and reviewing items of previous research. The second macro structure of the CARS model is establishing a niche. It comprises four micro structures, namely counter-claiming, indicating a gap, question-raising, and continuing a tradition. The third macro structure of the CARS model is occupying the niche. It is composed of five micro structures, namely outlining purposes, announcing the present research, announcing principal findings, indicating

research article structure, and evaluating the findings. Above all, the expert judgment is also carried out. The expert judgment plays the fundamental part in making judgment towards the compatibility between the theoretical framework and the data analyzed. The expert selected to be a reviewer and validator in the present research is a person who has a highly understanding towards the rhetorical styles in writing the introduction section of research articles.