

## **CHAPTER V**

### **CONCLUSION AND SUGGESTIONS**

#### **5.1 Conclusion**

This research was conducted at SMAN 1 Gondang Mojokerto, with X-IPS 1 class as the Test Group and X-MIPA 5 class as the control group. The study employed the REACT method in teaching the subject of descriptive texts in the Test Group. Data collection for the research involved conducting pre- and Post-Tests in each research class. The mean scores for the Test Group (X-IPS 1) were 76.22857 for the Pre-Test and 84.25714 for the Post-Test. As for the control class (X-MIPA 5), the mean scores were 81.32353 for the Pre-Test and 83.91176 for the Post-Test.

Based on the independent sample t-test results conducted using the Post-Test scores collected from the experimental and Control classes through SPSS software v25, the obtained (sig)  $> 0.005$ . Based on the provided information, it can be inferred that the hypothesis is rejected, indicating no significant difference in the treatment between the experimental and control groups. Since the hypothesis has been rejected in the independent sample t-test, the next step would be to perform a non-parametric statistical test, such as the Mann-Whitney test, to validate the results further. The Mann-Whitney test is suitable for analyzing data when assumptions of normality and equal variance are not met or when dealing with ordinal data.

After conducting a non-parametric test using the Mann-Whitney test, the results were consistent with the previous independent sample t-test. The Mann-Whitney test states that the hypothesis is accepted if the (sig) value is  $< 0.05$ . Indeed, in this case, the obtained (sig) value of 0.160 is more significant than 0.05, leading to the rejection of the hypothesis. Consequently, there is no significant difference in the effectiveness of the REACT teaching method between the test and control classes. Therefore, it can be concluded that the conducted research did not

significantly impact the students' learning outcomes between the control and Test groups.

## **5.2 Suggestions**

Considering the various limitations encountered in this research, the researcher would like to offer recommendations for future studies.

1. Since this research was conducted close to final exams, the time allocated for data collection in this study was too limited.
2. Considering that this research employs an essay-based assessment rubric, it is recommended to incorporate multiple-choice questions to assess students' understanding of the taught material comprehensively.
3. The researcher suggests adding instruments as data collection tools to obtain more data related to the upcoming research.

## **5.3 Reflection**

Based on the research findings conducted by the researcher, there are several aspects that need to be considered for future research. The following are the aspects that should be noted:

### **1. Research Results:**

This study used a quasi-experimental research design, with two classes/groups as samples to assess how the researcher assisted students' writing ability in English, specifically in the context of descriptive texts using the REACT method. The results obtained by the researcher indicated that there were no significant differences between the experimental and control groups.

### **2. Research Duration:**

The data collection for this study took nearly 2 weeks. An important factor to be considered in this section is the proximity of data collection to the final school exams. This factor makes the reflection seem inappropriate as students had to sacrifice their time for this study, considering the nearing final exams.

### 3. Treatment:

The treatment phase involved the teaching process using the REACT method, implemented in the experimental class. Based on the research findings, the researcher assumed that the treatment should be part of the reflection. However, due to the limited time available, the treatment was conducted on a specific day and for a short period. The close proximity to the final exams also contributed to the limited success of the treatment.

These are some of the aspects that the researcher has explained as part of the reflection on this study. The researcher hopes that this reflection will serve as valuable insight to be taken into account for future research endeavors.