



















rejected. In this study, the score of  $t_{\text{value}}$  is 24.389 and  $t_{\text{table}}$  is 1.697. It showed that  $t_{\text{value}}$  is higher than  $t_{\text{table}}$ . It means that  $H_a$  is accepted and  $H_o$  is rejected.

Also, for the second creation of the hypothesis is if sig. score  $> 0.05$  means that  $H_o$  is accepted and  $H_a$  is rejected. While, if sig. score  $< 0.05$ ,  $H_o$  is rejected and  $H_a$  accepted. The score of significance of this study is 0.00, means that  $0.00 < 0.05$ . So, it can be concluded that  $H_o$  is rejected and  $H_a$  accepted.

### **C. The Relation of the Result of Score of Indicator Analysis and T-test Result**

From the result of the score of indicator analysis and t-test result of this study, both of these analysis proved that the students' ability to write argument in argumentative essay is high. For the result of indicator analysis which includes three analyses, those three analyses showed that the percentage of students with high ability is more than 51% and for low ability is less than 50%. While, the result of t-test, it showed that the score of  $t_{\text{value}}$  is higher than  $t_{\text{table}}$ . That is  $24.389 > 1.697$  Moreover, the score of significance is less than 0.05 that is 0.000 which means that  $H_o$  is rejected and  $H_a$  is accepted. Through these two analyses, the researcher can decide that the students' ability to write logical argument in argumentative is high.

#### **D. The Discussion Of The Result Of The Students' Ability To Write Logical Argument In Argumentative Essay**

The objective of this research is to know the students' ability to write logical argument in argumentative essay whether the level of ability is high or low by referring to the criteria of logical argument in argumentative essay rubric. Based on the first analysis based on the criteria of indicator of scoring rubric consists of three analysis in the previous chapter, it can be said the students have high ability if the percentage of each analysis is more than 51%. And the result of those three analysis showed that the students' ability is more than 51%. Firstly, the result of percentage of total score gotten by all of the samples analysis, it showed that the students' ability is 58%. Secondly, the result of percentage of total samples who get low and high score analysis, it showed that the students' ability is 55%. Thirdly, the result of the percentage of total score of each criterion gotten by all of the samples analysis, it showed that the students' ability is more than 51%. For the detail explanation of each criterion could be seen below:

1. In terms of the thesis in introduction, most of students are able to write argumentative thesis by stating debatable issues to grab readers' interest though there are little students who are not able. The students' topic is about giving cell phone for children, smoking, consuming the coffee, etc. In their thesis, most of students write a disagreement argument to someone's claims based on the article they have found. In the result of "the percentage of each criterion of students' ability in writing logical argument in argumentative

essay table”, it showed that there were 57% students with high ability in stating the thesis in their argumentative essay. While, 43% of students have low ability. They are able to write debatable thesis because there have practiced how to write it during learning process with their lecture. And also, in the article they have found, there is been the writer’s argument. So, the students are only accepting and rejecting the writer’s argument in their thesis statement.

2. In terms of the explanation of the topic in the introduction, most of students are able to explain the topic clearly though there are little students who are not able. The students explain more the topic they are choosing in order to make the reader understand to the topic they are choosing. Such as by giving the definitions, examples and past event. In the result of “the percentage of each criterion of students’ ability in writing logical argument in argumentative essay table”, it showed that there were 59% students who have high ability in explaining the topic in the introduction of argumentative essay, while 41% of students have low ability. This student’s ability is because they choose the topic they interest by themselves. So, they are able to explain more about the topic they have chosen. If the students did not give clear definition of the topic in the introduction, it will make the reader not understand about the topic that influences their belief to the students’ essays.
3. In term of the argument in the body of the essay. Most of the students are able to give strong argument that related to the thesis though there are little

students who are not able. Most of students begin the essay with the writer's arguments in the article and argue by their own arguments whether they are agree or disagree to the writer's argument. The students prove their argument with some empirical evidences. In the result of "the percentage of each criterion of students' ability in writing logical argument in argumentative essay table", it showed that there were 60% students who have high ability writing strong argument in the body of argumentative essay, while 40% of students have low ability. The students are aware if they are not able to write strong argument; their argument will be not categorized as a strong argument and cannot influence the readers' belief to have same thought with the students' argument in the essays.

4. In term of the evidence in the body of the essay, most of the students are able to give the empirical evidence to strengthen their argument in order to make the reader more believe with the students' argument. The evidences are in form of facts, data, statistics, examples, and so on. In the result of "the percentage of each criterion of students' ability in writing logical argument in argumentative essay table", it showed that there were 58% students who have high ability in supporting the argument by empirical evidence, while 41% of students have low ability. The students are able to give empirical evidence is because they know that to make logical argument, it should be followed by strong argument. If there are no strong evidences, it will make the reader unbelief to the students' argument.

5. In term of the structure of the organization, most of students are able to write structured-sentences though there are little students who are not able. Most of them are able to place the part of speech correctly. In the result of “the percentage of each criterion of students’ ability in writing logical argument in argumentative essay table”, it showed that there were 60% students who low high ability in writing structured-sentences, while 40% of students have low ability. The students are aware, besides having good ability to write logical argument, the way the students to write a good essay is also important. It is because the product if this course is in form of writing. So, it will be better if the students have these two skills in order to make a good a piece of argumentative essay,
6. In terms of the transition of the organization, most of the students were able to make some paragraph in the essay become chronological to make the reader easy to follow the content of the essay. In the result of “the percentage of each criterion of students’ ability in writing logical argument in argumentative essay table”, it showed that there were 53% students who have high ability in organizing the paragraphs in chronological, while 47% of students have low ability. This ability is important to make each paragraph is chronological each other in order the essay is easy to be understood.
7. In terms of the conclusion, most of the students are able to conclude the whole of the essay. They are able to restate their thesis statement and argument. In the result of “the percentage of each criterion of students’ ability in writing

logical argument in argumentative essay table”, it showed that there were 56% students who high ability in concluding the whole of the essay, while 44% of students have low ability. The ability to conclude the whole of the essay is also important because if the readers do not understand the content of the essay, the reader can read the conclusion to understand the essay easily.

In addition, the result of t-test analysis also showed that the students’ ability to write logical argument in argumentative essay is high. Because the scored of  $t_{\text{value}}$  is higher than  $t_{\text{table}}$  and the score of significance is less than 0.05. Through these criteria,  $H_a$  is accepted and  $H_o$  is rejected which means that that the students’ ability to write logical argument in argumentative essay is high. This result cannot be denied for its truth because the calculation is by using SPSS. So, the truth of this result can be guarantee. Furthermore, the most of some readers’ respond after reading the students’ essays is agree with the students’ argument. The students’ arguments are able convincing the reader.

From all of the finding of this research, it can be concluded that more than 51% students’ of argumentative writing class of English Teacher Education Department of Faculty of Education and Teacher Training of State Islamic University Sunan Ampel Surabaya in academic year 2014-2015 have high ability to write logical argument in argumentative essay. This students’ ability is high because they have learned and practiced the way to make logical argument in argumentative essay during learning process by the lecturer. The high ability of each criterion to make a logical argument in argumentative essay has been

