# CHAPTER IV

# RESULT AND DISCUSSION

## A. Result

The data were obtained from the pre-test and post-test scores of students"
speaking skill before using self-talk strategy. The data was taken from 28
students of in XI IPS 1 Class at SMAN 7 Pekanbaru. The purpose of this research
was to find out the differences of student"s speaking skill by using self-talk
strategy and without using self-talk strategy.

### 1. The Students' Speaking Skill before Being Thaught by Using Self-talk Strategy

To know the students" speaking skill before using self-talk strategy
of in XI IPS 1 Class at SMAN 7 Pekanbaru, the researcher asked the
students to do a pre-test. The results can be seen in Table IV.1.

The table IV. 1 shows the score of the students" speaking skill before
being thaught by using self-talk strategy. From the table, it can be known
that the mean score of the students" speaking skill before being thaught by
using self-talk strategy is 70 which is in high category. The distribution of the
scores can be seen below

**Table IV. 1**
**The students' speaking skill before being thaught**
**by using self-talk strategy**

| No. | Students | Scores | Category |
|-----|----------|--------|----------|
| 1 | Student 1 | 78 | High |
| 2 | Student 2 | 78 | High |
| 3 | Student 3 | 70 | High |
| 4 | Student 4 | 63 | Moderate |
| 5 | Student 5 | 68 | High |
| 6 | Student 6 | 73 | High |
| 7 | Student 7 | 80 | Very High |
| 8 | Student 8 | 70 | High |
| 9 | Student 9 | 78 | High |
| 10 | Student 10 | 73 | High |
| 11 | Student 11 | 73 | High |
| 12 | Student 12 | 78 | High |
| 13 | Student 13 | 70 | High |
| 14 | Student 14 | 60 | Moderate |
| 15 | Student 15 | 70 | High |
| 16 | Student 16 | 78 | High |
| 17 | Student 17 | 65 | Moderate |
| 18 | Student 18 | 68 | High |
| 19 | Student 19 | 58 | Moderate |
| 20 | Student 20 | 70 | High |
| 21 | Student 21 | 63 | Moderate |
| 22 | Student 22 | 65 | Moderate |
| 23 | Student 23 | 70 | High |
| 24 | Student 24 | 75 | High |
| 25 | Student 25 | 80 | Very High |
| 26 | Student 26 | 68 | High |
| 27 | Student 27 | 58 | Moderate |
| 28 | Student 28 | 65 | Moderate |
| | Mean | 70 | High |

**Table IV. 2**
**The distribution of the students' speaking skill**
**before beingthaught by using self-talk strategy**

|  |  | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | 58,00 | 2 | 7,1 | 7,1 | 7,1 |
|  | 60,00 | 1 | 3,6 | 3,6 | 10,7 |
|  | 63,00 | 2 | 7,1 | 7,1 | 17,9 |
|  | 65,00 | 3 | 10,7 | 10,7 | 28,6 |
|  | 68,00 | 3 | 10,7 | 10,7 | 39,3 |
|  | 70,00 | 6 | 21,4 | 21,4 | 60,7 |
|  | 73,00 | 3 | 10,7 | 10,7 | 71,4 |
|  | 75,00 | 1 | 3,6 | 3,6 | 75,0 |
|  | 78,00 | 5 | 17,9 | 17,9 | 92,9 |
|  | 80,00 | 2 | 7,1 | 7,1 | 100,0 |
|  | Total | 28 | 100,0 | 100,0 |  |

From the table IV. 2, it can be known that there are 2 students (7,1%) who got score 58, there is 1 student (3,6%) who got score 60, there are 2 students (7,1%) who got score 63, there are 3 students (10,7%) who got score 65, there are 3 students (10,7%) who got score 68, who got score 65, there are 6 students (10,7%) who got score 68, there is 1 student (3,3%) who got score 48, there are 6 students (21,4%) who got score 70, there are 3 students (10,7%) who got score 73, there is 1 student (3,3%) who got score 75, there are 6 students (17,9%) who got score 78, that there are 2 students (7,1%) who got score 80. From that data, the researcher concludes the percentage of distribution of the students" score based on the score classification, as follow.

Table IV. 3 shows that there are no students (0,0%) in very low and low category, there are 8 students (28,6%) in moderate category, there are 18 students (64,3%) in high category, and there are 2 students (7,1%) in

very high category. The distribution also can be seen in the chart below

**Table IV. 3**

**The percentage distribution of the students' speaking skill
before being thaught by using self-talk strategy**

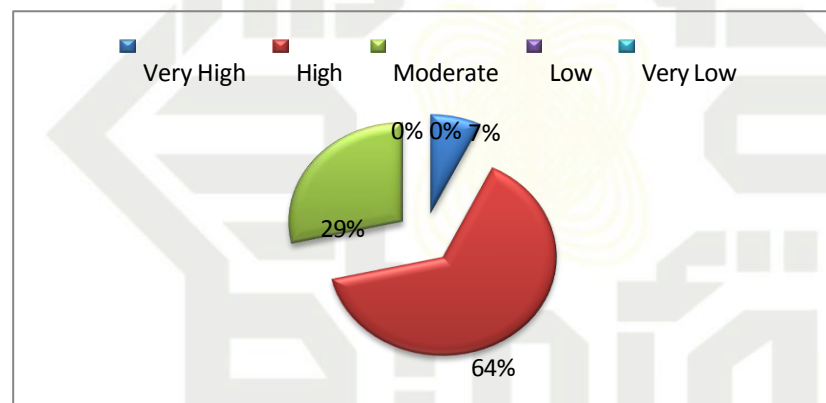| No | Categorize | Frequency | (%) |
|----|------------|-----------|-----|
| 1 | Very High | 2 | 7,1 |
| 2 | High | 18 | 64,3 |
| 3 | Moderate | 8 | 28,6 |
| 4 | Low | 0 | 0 |
| 5 | Very Low | 0 | 0 |
| | **Total** | **28** | **100** |



**Figure IV. 1 : The chart of percentage distribution of the
students' speaking skill before being thaught
by using self-talk strategy**

From the chart IV.1, it can be concluded that most of the students'' speaking skill which is 64% are in high level before using the self-talk strategy. Then, followed by the moderate catgory students which is 29% and very high catgeory students which is 7%. While, there is no students or 0% students in low and very low catgeories.

## 2. The Students' Speaking Skill after Being Thaught by Using Self-talk Strategy

After the pre-test, the reseracher did the treatment to the students where the reseracher taughtthe students by using self-talk strategy. After the treament finish, the researchers ask the student to do the post-test to know how is their speaking skill after being thaught by using self-talk strategy. The result of the post-test can be seen in Table IV.4.

The table IV.4 shows the score of the students" speaking skill after being thaught by using self-talk strategy. From the table, it can be known that the mean score of the students" speaking skill after being thaught by using self- talk strategy is 74 which is in high category. The distribution of the scores can be seen below.

Table IV. 5 shows that there is 1 student (3,6%) who got score 45, there is 1 student (3,6%) who got score 60, there is 1 student (3,6%) who got score 68, there are 4 students (14,3%) who got score 70, there are 5 students (17,9%) who got score 73, there are 4 students (14,3%) who got score 75, there are 5 students (17,9%) who got score 78, there are 6 students (21,4%) who got score 80, and there is 1 student (3,6%) who got score 83.

**Table IV. 4**
**The students' speaking skill after being thaught**
**by using self-talk strategy**

| No. | Students | Scores | Category |
|-----|----------|--------|----------|
| 1 | Student 1 | 73 | High |
| 2 | Student 2 | 80 | Very High |
| 3 | Student 3 | 75 | High |
| 4 | Student 4 | 70 | High |
| 5 | Student 5 | 70 | High |
| 6 | Student 6 | 70 | High |
| 7 | Student 7 | 80 | Very High |
| 8 | Student 8 | 75 | High |
| 9 | Student 9 | 78 | High |
| 10 | Student 10 | 73 | High |
| 11 | Student 11 | 75 | High |
| 12 | Student 12 | 80 | High |
| 13 | Student 13 | 78 | High |
| 14 | Student 14 | 68 | High |
| 15 | Student 15 | 80 | High |
| 16 | Student 16 | 78 | High |
| 17 | Student 17 | 70 | High |
| 18 | Student 18 | 75 | High |
| 19 | Student 19 | 60 | Moderate |
| 20 | Student 20 | 78 | High |
| 21 | Student 21 | 73 | High |
| 22 | Student 22 | 45 | Low |
| 23 | Student 23 | 78 | High |
| 24 | Student 24 | 83 | High |
| 25 | Student 25 | 80 | Very High |
| 26 | Student 26 | 73 | High |
| 27 | Student 27 | 73 | High |
| 28 | Student 28 | 80 | Very High |
| | Mean | 74 | High |

**Table IV. 5**
**The distribution of the students' speaking skill before being**
**thaught by using self-talk strategy**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | 45,00 | 1 | 3,6 | 3,6 | 3,6 |
| | 60,00 | 1 | 3,6 | 3,6 | 7,1 |
| | 68,00 | 1 | 3,6 | 3,6 | 10,7 |
| | 70,00 | 4 | 14,3 | 14,3 | 25,0 |
| | 73,00 | 5 | 17,9 | 17,9 | 42,9 |
| | 75,00 | 4 | 14,3 | 14,3 | 57,1 |
| | 78,00 | 5 | 17,9 | 17,9 | 75,0 |
| | 80,00 | 6 | 21,4 | 21,4 | 96,4 |
| | 83,00 | 1 | 3,6 | 3,6 | 100,0 |
| | Total | 28 | 100,0 | 100,0 | |

From the data above, the reseracher concluded the distribution of

the students score based on the score classification, as follow.

**Table IV. 6**
**The percentage distribution of the students' speaking skill**
**after being thaught by using self-talk strategy**

| No | Categorize | Frequency | (%) |
|---|---|---|---|
| 1 | Very High | 7 | 25,0 |
| 2 | High | 19 | 67,9 |
| 3 | Moderate | 1 | 3,6 |
| 4 | Low | 1 | 3,6 |
| 5 | Very Low | 0 | 0 |
| | **Total** | **28** | **100** |

Based on the table IV. 6 shows that there are 7 students (25,0%) in

very high category, there are 19 students (67,9%) in high category, there

is 1 student (3,6%) in moderate category, there is 1 student (3,6%) in low category while there is no student in very low classification. The distribution also can be seen in the chart below
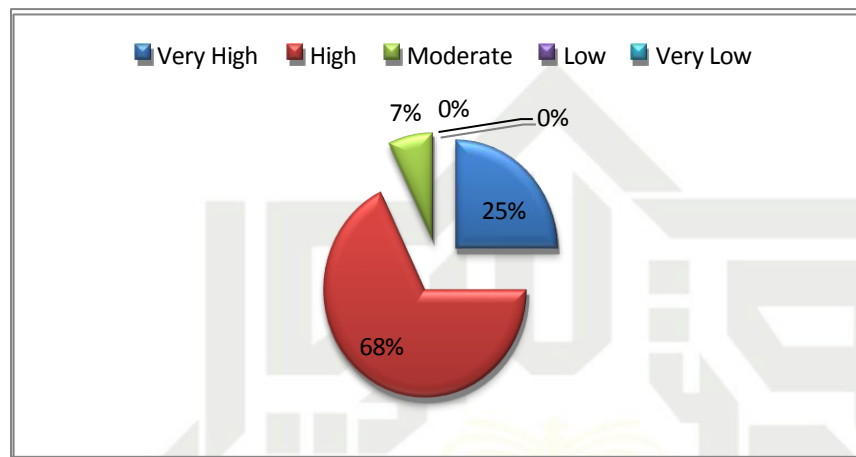


**Figure IV. 2 : The chart of percentage distribution of the students' speaking skill after being thaught by using self-talk strategy**

Based on the chart IV.2 it can be concluded that most of the students'' speaking skill which is 68% are in high level before after the self-talk strategy. Then, followed by the very high category students which is 25%. Then, the moderate and low catgeory students which are 1%. While, there is no students or 0% student in very low catgeories.

3. **The Students' Speaking Skill before and after Being Thaught by Using Self-talk Strategy**

Table IV. 7 shows the difference between the students'' speaking skill before and after being thaught by using self-talk strategy. Before being taught by using self-talk strategy the minimum score is 58, the maximum score is 70 and the mean score is 80. Besides, after being

taught by using self-talk strategy the minimum score become 45, the maximum score become 73, and the mean score become 83.

**Table IV. 7**
**Descriptive Statistik**

|  | N | Minimum | Maximum | Mean | Std. Deviation |
|---|---|---|---|---|---|
| Pre-Test | 28 | 58,00 | 80,00 | 70,1786 | 6,50956 |
| Post-Test | 28 | 45,00 | 83,00 | 73,9643 | 7,51040 |
| Valid N (listwise) | 28 |  |  |  |  |

In conclussion, the students" reading comprehension before being taught by group work activities is in moderate level. the students" speaking skill before and after being thaught by using self-talk strategy is also in high level but the mean score increase from 80 to 83.

a) Test of Normality

Before analysing the difference of students" speaking skill before and after using self-talk strategy, the reseracher had done the normality test. Test of normality is a test to check if the data normally distributed or not. The result of this test is very important for the data analysing because the result of this test will determine if the data can be analysed by using parametric ways or not. If the significant level (asym. p) is bigger than 0.05, the data will be considered as normally distributed. In the other hand, if the significant level (asym. p) is smaller than 0.05, the data will be considered as not normally distributed. In this research, the researcher uses the SPSS 22 to test the normality of

the data. The result of normality test can be seen below

**Table IV. 8**
**Tests of Normality**

| | Kolmogorov-Smirnov[a] | | | Shapiro- Wilk | | |
|---|---|---|---|---|---|---|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Pre-Test Score | 0,135 | 28 | 0,200 | 0,946 | 28 | 0,156 |
| Post Test Score | 0,199 | 28 | 0,006 | 0,773 | 28 | 0,000 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Based on the table IV. 8 above, it can be seen that one of the groups of the significant level (asym. p) of Pre-test and Post- test is smaller than 0,05 for both kolmogorov-smirnov and shapiro-wilk. It can be concluded that the data are not normally distributed. Therefore, the data analysis wil be done nonparametricly by using wilcoxon test procedure.

b) Inferential Analysis

**Table IV. 9**
**Wilcoxon test result**

| | Pre-Test Score - Post Test Score |
|---|---|
| Z | -3.053[b] |
| Asymp. Sig. (2-tailed) | 0,002 |

a. Wilcoxon Signed Ranks Test

b. Based on Positive Ranks

Wilcoxon test table above shows the asymp. significant value. It can be seen that sig. (2-tailed) value is 0,002. This value is smaller than 0,05, to know wether there is or not the statiscally difference, the reseracher test it by using the testing criteria and hypotheses below

Testing Criteria:

If the value in Sig. (2-tailed) < 0.05, then Ha is accepted

If the value in Sig. (2-tailed) > 0.05, then Ha is accepted

Hypotheses:

Ho: There is not  Statiscally difference

Ha: There is  Statiscally difference

Based on the hypothesis guidelines above it can be concluded that null hypothesis (Ho) is rejected, while the alternative hypothesis (Ha) is accepted because sig. (2-tailed) is smaller than 0,05. In conclusion, there is significant difference of students" speaking skill before and after being thaught by using self-talk strategy at SMAN 7 Pekanbaru.

## B. Discussion

The purpose of this reserach is to know is there any significance different in students" speaking skill before and after being thaught by using self-talk strategy at SMAN 7 Pekanbaru. Based on the analaysis above, the reseracher found some findings related to the purpose of this research. First the reseracher found that, the students" speaking skill before and

after being thaught by using self-talk strategy at SMAN 7 Pekanbaru is in high level. students" speaking skill before and after being thaught by using self-talk strategy at SMAN 7 Pekanbaru increase from 80 to 83. Even though both of the mean score of the students" rading comprehension before and after being taught by using group work activities are in the same category, the mean scores are quite different. The researcher also found that There is significant difference of students" speaking skill before and after being thaught by using self-talk strategy.

These results are similar with the result from some previous reseraches. The result of the research found that self-talk strategy can improve the students" speaking in the teaching learning process. Next, research by khansa khairunnisa & Roesellaningtias (2022) entitled "The Effectiveness of Using Self-Talk Strategy to Improve Students English Speaking Skill of the Eleventh Grade Students at Smkn 1 Bagor in the Academic Year 2021/2022 This research found that there is significant effectiveness before and after being taught using of Self-Talk Method t improving students' speaking skill at the second years of SMKN 1 Bagor.

Based on the explanation above, the researcher concludes that there is significant difference of students" speaking skill before and after being thaught by using self-talk strategy at SMAN 7 Pekanbaru.