CHAPTER IV
DATA ANALYSIS AND DISCUSSION

In this chapter, the writer presents the research data analysis and discussion. The writer would like to analyze and discuss the ability level of the second year students of SMPK St. Joseph.Noebalki Kupang in the school year 2017 – 2018 in comprehending English reading text.

4.1 Data Analysis

In the following section, the writer analyzes all the data about the ability level of the second year students of SMPK St. Joseph Noelbaki Kupang in the school year 2017/2018 in comprehending English reading text. It is presented in the table below.

Table 1

The Student’s Ability Level on Reading Comprehension

<table>
<thead>
<tr>
<th>Students</th>
<th>Total Test Items</th>
<th>Students Answering Correctly</th>
<th>Percentage</th>
<th>Grade</th>
<th>Ability Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>1</td>
<td>30</td>
<td>22</td>
<td>73.3</td>
<td>7.33</td>
<td>fairly good</td>
</tr>
<tr>
<td>2</td>
<td>30</td>
<td>20</td>
<td>66.6</td>
<td>6.66</td>
<td>fairly good</td>
</tr>
<tr>
<td>3</td>
<td>30</td>
<td>22</td>
<td>73.3</td>
<td>7.33</td>
<td>fairly good</td>
</tr>
<tr>
<td>4</td>
<td>30</td>
<td>19</td>
<td>63.3</td>
<td>6.33</td>
<td>average</td>
</tr>
<tr>
<td>5</td>
<td>30</td>
<td>22</td>
<td>73.3</td>
<td>7.33</td>
<td>fairly good</td>
</tr>
<tr>
<td>6</td>
<td>30</td>
<td>22</td>
<td>73.3</td>
<td>7.33</td>
<td>fairly good</td>
</tr>
<tr>
<td>7</td>
<td>30</td>
<td>18</td>
<td>60</td>
<td>6.00</td>
<td>average</td>
</tr>
<tr>
<td>8</td>
<td>30</td>
<td>16</td>
<td>53.3</td>
<td>5.33</td>
<td>below average</td>
</tr>
<tr>
<td>9</td>
<td>30</td>
<td>19</td>
<td>63.3</td>
<td>6.33</td>
<td>average</td>
</tr>
<tr>
<td>10</td>
<td>30</td>
<td>22</td>
<td>73.3</td>
<td>7.33</td>
<td>fairly good</td>
</tr>
<tr>
<td>11</td>
<td>30</td>
<td>23</td>
<td>76.6</td>
<td>7.66</td>
<td>good</td>
</tr>
<tr>
<td>12</td>
<td>30</td>
<td>16</td>
<td>53.3</td>
<td>5.33</td>
<td>below average</td>
</tr>
</tbody>
</table>
1. Column A represents the number of students.

2. Column B represents the total number of test items.

3. Column C represents the students’ correct answers.

4. Column D represents percentage of students answer.

The formula that is used is seen below:

\[
\frac{\text{total correct answers}}{\text{total test items}} \times 100\%
\]

Example: student number 1

\[
\frac{22}{30} \times 100 = 73\%
\]
5. Column E represents individual grade.

The grades are taken from the number of percentage, divided by 10.

\[
\text{number of percentage} \div 10
\]

Example: student number 1

\[
= \frac{73.3}{10} = 7.33
\]

6. Column F represents the level of ability of each student based on the standard of measurement used in SMPK STY. Noelbaki

7. Column B on total row represents the number of total responses. It is taken from: \( \text{The total test item} \times \text{total students} = 30 \times 35 = 1050 \)

8. Column C on total row represents the total of correct answer of all the students that is 756.

9. Column D on total row represents the total number of the percentage of students correct answers that 2518.7.

10. Column E on total row represents the number of students’ grades.

The formula is:

\[
\text{The total number of the students correctly in percentage} \div 10
\]

\[
= \frac{2518.7}{10} = 251.87
\]

11. Column B on average row represents the total of student’s responses in average. It is divided from:

\[
\frac{\text{Total responses}}{\text{Total students}}
\]
\[ \frac{1050}{35} = 30 \]

12. Column C on average row represents the number of students’ correct answers in average. It is taken from:

\[
\frac{\text{Total number of student’s correct answer}}{\text{Total students}}
\]

\[ \frac{756}{35} = 21.6 \]

13. Column D on average row represents the students’ correct answers in average on row of percentage. It is taken from:

\[
\frac{\text{The total percentage of students correct answers}}{\text{Total students}}
\]

\[ \frac{2518.7}{35} = 71.96 \]

14. Column E on average represents the students answering correctly in average grades. It is derived from:

\[
\frac{\text{The students correctly}}{10}
\]

Or we can also use another formula, that is:

\[
\frac{\text{Total grades}}{\text{Total students}}
\]

\[ \frac{251.87}{35} = 7.19 \]

It means that the ability level of the students is graded 7.19.

15. Column E on average row represents the student’s ability level as a class which is classified as fairly good (7.19) based on standard of measurement that was used in SMPK St. Joseph. Noelbaki Kupang.
Table 2

Distribution of Student’s Ability Level on Reading Comprehension

<table>
<thead>
<tr>
<th>No</th>
<th>Range Measurement</th>
<th>Students</th>
<th>Percentage</th>
<th>Ability Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>9.6 – 10</td>
<td>0</td>
<td>0</td>
<td>excellent</td>
</tr>
<tr>
<td>2</td>
<td>8.6 – 9.5</td>
<td>2</td>
<td>6</td>
<td>very good</td>
</tr>
<tr>
<td>3</td>
<td>7.6 – 8.5</td>
<td>12</td>
<td>34</td>
<td>good</td>
</tr>
<tr>
<td>4</td>
<td>6.6 – 7.5</td>
<td>13</td>
<td>37</td>
<td>fairly good</td>
</tr>
<tr>
<td>5</td>
<td>5.6 – 6.5</td>
<td>5</td>
<td>14</td>
<td>average</td>
</tr>
<tr>
<td>6</td>
<td>4.6 – 5.5</td>
<td>3</td>
<td>9</td>
<td>below average</td>
</tr>
<tr>
<td>7</td>
<td>3.6 – 4.5</td>
<td>0</td>
<td>0</td>
<td>poor</td>
</tr>
<tr>
<td>8</td>
<td>2.6 – 3.5</td>
<td>0</td>
<td>0</td>
<td>very poor</td>
</tr>
<tr>
<td>9</td>
<td>1.6 – 2.5</td>
<td>0</td>
<td>0</td>
<td>bad</td>
</tr>
<tr>
<td>10</td>
<td>0.0 – 1.5</td>
<td>0</td>
<td>0</td>
<td>very bad</td>
</tr>
<tr>
<td>Total</td>
<td>35</td>
<td>100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Based on the data analysis, it can be concluded that the individual ability of the students. They are grouped into five (5) groups of ability level, as seen below:

1. There are 2 students or 6 % on very good ability level ranging from 8.6 – 9.5.
2. There are 12 students or 34 % on good ability level ranging from 7.6 – 8.5.
3. There are 13 students or 37 % on fairly good ability level ranging from 6.6 – 7.5.
4. There are 5 students or 14 % on average ability level ranging from 5.6 – 6.5.
5. There are 3 students or 9 % on below average ability level ranging from 4.6 – 5.5.

While on other levels of ability such as excellent (9.6 – 10), poor (3.6 – 4.5), very poor (2.6 – 3.5), bad (1.6 – 2.5) and very bad (0.0 – 1.5), there are no students got the grade for these level. From the table above, it is shown that there
are 27 students (77%) who passed the test and 8 students (23%) failed the test. It is also proved that the class ability level for this test is fairly good.

4.2 Discussion

In this part, the writer gives some comments, remarks and description even the conclusion of the calculating dealing with the ability level on reading comprehension of the students shown in the tables.

Based the data analysis, it is clearly seen that the level of mastery of the second years students of SMPK St Joseph Noelbaki Kupang in the school year 2017/2018 on the reading comprehension ability is “fairly good level” (71.9%). On the other hand, the distribution of the students on reading comprehension ability showed that, there were eight students (23%) failed for the test. It can be said that, eight students still have difficulty in vocabulary on the reading comprehension. The second year students of SMPK St. Joseph Noelbaki Kupang in the school year 2017/2018 do not have so many difficulties in vocabulary on the reading comprehension.