## CHAPTER IV

## RESEARCH FINDING AND DISCUSSION

## A. Research Description

The reseaecher conducted the reasearch at class A $5^{\text {th }}$ semester of ELT Department Education and Teacher Training Faculty Walisongo State Islamic University in the academic year 2016/2017. The purposes of the research are :

1. To know how high is the students' foreign language anxiety at the class A $5^{\text {th }}$ semester of ELT Departments at Education and Teacher Training Faculty Walisongo State Islamic University in the academic year 2016/2017.
2. To know how high is the students' speaking fluency at the class A $5^{\text {th }}$ semester of ELT Departments at Education and Teacher Training Faculty Walisongo State Islamic University in the academic year 2016/2017.
3. To find out the influence of foreign language anxiety to speaking fluency at the class $\mathrm{A} 5^{\text {th }}$ semester of ELT Departments at Education and Teacher Training Faculty Walisongo State Islamic University in the academic year 2016/2017.

## B. Result of instrument test

## 1. The Validity of instrument

The researcher used SPSS 16.0 to test the validity of instrument with 20 respondents. The result as followed.
a. Questionnaire

Table 4.1
The validity of student foreign language anxiety instrument

| No. | Item | $\mathbf{R}$ | Validity |
| :--- | :--- | :--- | :---: |
| 1. | Q1 | 0,791 | Valid |
| 2. | Q2 | 0,825 | Valid |
| 3. | Q3 | 0,733 | Valid |
| 4. | Q4 | 0,837 | Valid |
| 5. | Q5 | 0,523 | Valid |
| 6. | Q6 | 0,693 | Valid |
| 7. | Q7 | 0,442 | Valid |
| 8. | Q8 | 0,503 | Valid |
| 9. | Q9 | 0,807 | Valid |
| 10. | Q10 | 0,782 | Valid |
| 11. | Q11 | 0,881 | Valid |
| 12. | Q12 | 0,751 | Valid |
| 13. | Q13 | 0,592 | Valid |
| 14. | Q14 | 0,831 | Valid |
| 15. | Q15 | 0,748 | Valid |


| 16. | Q16 | 0,772 | Valid |
| :---: | :--- | :--- | :---: |
| 17. | Q17 | 0,801 | Valid |
| 18. | Q18 | 0,738 | Valid |
| 19. | Q19 | 0,181 | Not valid |
| 20. | Q20 | 0,862 | Valid |
| 21. | Q21 | 0,217 | Not valid |
| 22. | Q22 | 0,449 | Valid |
| 23. | Q23 | 0,419 | Not valid |
| 24. | Q24 | 0,662 | Valid |
| 25. | Q25 | 0,636 | Valid |
| 26. | Q26 | 0,915 | Valid |
| 27. | Q27 | 0,730 | Valid |
| 28. | Q28 | 0,532 | Valid |
| 29. | Q29 | 0,651 | Valid |
| 30. | Q30 | $-0,220$ | Not Valid |
| 31. | Q31 | $-0,279$ | Not valid |
| 32. | Q32 | $-0,622$ | Not valid |
| 33. | Q33 | $-0,699$ | Not valid |

## b. Speaking fluency instrument

Table 4.2
The score of student foreign language anxiety

| No. | Item | $\mathbf{R}$ | Validity |
| :--- | :--- | :---: | :---: |
| 1. | Ascpect 1 | 0,972 | Valid |
| 2. | Aspect 2 | 0,972 | Valid |
| 3. | Ascpect 3 | 0,972 | Valid |
| 4. | Aspect 4 | 0,972 | Valid |
| 5. | Aspect 5 | 0,519 | Valid |

## 2. The reliability of instrument

The researcher used SPSS 16.0 to test the reliability of instrument with 20 respondents. The result as followed.

1. Reliability of questionnaire

Reliability Statistics

| Cronbach's <br> Alpha | N of Items |
| :---: | :---: |
| .960 | 26 |

2. Reliability of speaking fluency instrument

Reliability Statistics

| Cronbach's <br> Alpha | N of Items |
| :---: | :---: |
| .942 | 5 |

## C. Data Analysis

1. The score of student foreign language anxiety and speaking fluency

## a. The student foreign language anxiety

In this research, the writer uses the questionnaire to measure student foreign language anxiety. The questionnaire has 130 point as highest score and 26 as the lowest score. Here is the result of the questionnaire.

Table 4.3
The score of student foreign language anxiety

| CODE | X |
| :---: | :---: |
| R-01 | 69 |
| R-02 | 66 |
| R-03 | 70 |
| R-04 | 68 |
| R-05 | 70 |
| R-06 | 102 |
| R-07 | 73 |
| R-08 | 66 |
| R-09 | 95 |
| R-10 | 101 |
| R-11 | 92 |
| R-12 | 70 |
| R-13 | 101 |
| R-14 | 96 |
| R-15 | 105 |
| R-16 | 65 |
| R-17 | 66 |
| R-18 | 70 |
| R-19 | 65 |
| R-20 | 70 |


| $\mathrm{R}-21$ | 70 |
| :---: | :---: |
| $\mathrm{R}-22$ | 67 |
| $\mathrm{R}-23$ | 69 |
| $\mathrm{R}-24$ | 70 |
| $\mathrm{R}-25$ | 64 |
| $\mathrm{R}-26$ | 74 |
| $\mathrm{R}-27$ | 97 |
| $\mathrm{R}-28$ | 64 |
| $\mathrm{R}-29$ | 69 |
| $\mathrm{R}-30$ | 101 |
| $\mathrm{R}-31$ | 70 |
| $\mathrm{R}-32$ | 64 |
| $\mathrm{R}-33$ | 95 |
| $\mathrm{R}-34$ | 70 |
| $\mathrm{R}-35$ | 94 |
| $\mathrm{R}-36$ | 64 |
| $\mathrm{R}-37$ | 69 |
| $\mathrm{R}-38$ | 95 |
| $\sum$ | 2946 |

Based on the table, the highest score of student foreign language anxiety is 105 and the lowest is 64 . The score ( X ) is 2946 and the participants (N) are 38. The next step is determining the distribution frequency of the student foreign language anxiety :

1) Interval Total (K)

$$
\begin{array}{r}
\mathrm{K}=1+3.3 \log \mathrm{~N} \\
=1+3.3 \log 38
\end{array}
$$

$$
\begin{aligned}
& =6,21 \\
& =6
\end{aligned}
$$

2) Average

$$
\begin{aligned}
\overline{\mathrm{X}} & =\frac{\sum f x}{N} \\
& =\frac{2946}{38} \\
& =77,5
\end{aligned}
$$

3) Range

$$
\mathrm{R}=\mathrm{H}-\mathrm{L}
$$

$$
=105-64
$$

$$
=41
$$

$$
\mathrm{R}=\text { Range }
$$

$\mathrm{H}=$ The highest total
$\mathrm{L}=$ The lowest total
4) Interval Class (i)

$$
\begin{aligned}
\mathrm{i} & =\frac{R}{K} \\
\mathrm{i} & =\frac{41}{6} \\
& =6,8=7
\end{aligned}
$$

Below is the table of distribution frequency of the student foreign language anxiety.

## Table 4.4

Distribution Frequency of Student foreign language anxiety

| Interval | $\mathrm{M}^{\prime}$ | F | $\mathrm{x}^{\prime}$ | $\mathrm{Fx}^{\prime}$ | $\mathrm{x}^{2}$ | $\mathrm{Fx}^{2}$ |
| :---: | :--- | :---: | :--- | :---: | :---: | :---: |
| $99-105$ | 102 | 5 | 6 | 30 | 36 | 180 |
| $92-98$ | 95 | 7 | 4 | 28 | 16 | 112 |


| $85-91$ | 88 | $\mathbf{0}$ | 2 | 0 | 4 | 0 |
| :---: | :--- | :---: | :--- | :---: | :--- | :--- |
| $\mathbf{7 8 - 8 4}$ | $\mathbf{8 1}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| $71-77$ | 74 | 2 | -2 | -4 | 4 | 8 |
| $64-70$ | 67 | 24 | -4 | -96 | 16 | 384 |
|  |  |  |  | $\sum \mathrm{Fx}^{\prime}=42$ |  | $\sum \mathrm{Fx}^{2}=6$ |
|  |  |  |  |  |  | 84 |

Based on the result of table above, the next step is making the category. They are as following
a. Mean

$$
\begin{aligned}
\mathrm{M}^{\prime} & =\mathrm{M}^{\prime}+\mathrm{i}\left(\frac{\sum f x \prime}{N}\right) \\
& =81+7\left(\frac{-42}{38}\right) \\
& =81+7(-1,11) \\
& =73,23
\end{aligned}
$$

b. Standar deviation:

$$
\begin{aligned}
\mathrm{SD} & =\mathrm{i} \sqrt{\frac{\sum f x^{2}}{N}-\left(\frac{\sum f x \prime}{N}\right)^{2}} \\
& =7 \sqrt{\frac{684}{38}-\left(\frac{-42}{38}\right)^{2}} \\
& =7 \sqrt{18-1,22} \\
& =7 \mathrm{x} 4,09 \\
& =28,6
\end{aligned}
$$

$$
\mathrm{M}+1,5 \mathrm{SD}=73,23+1,5(28,6)=116,13=117 \text { higher }
$$

$$
\mathrm{M}+0,5 \mathrm{SD}=73,23+0,5(28,6)=87,53=114-88
$$

$$
\begin{aligned}
M-0,5 S D=73,23-0,5(28,6)=58,93 & =87-59 \\
M-1,5 S D=73,23-1,5(28,6)=30,33 & =58-31 \\
& =30 \text { lower }
\end{aligned}
$$

## Table 4.5

The Quality of Student foreign language anxiety

| Interval | Level | Quality |
| :---: | :--- | :---: |
| $>117$ | Very high |  |
| $88-114$ | High |  |
| $59-87$ | Average | Average |
| $31-58$ | Low |  |
| $<30$ | Very low |  |

Based on the table above, it is known that the mean from student foreign language anxiety is high.
b. The student speaking fluency

Table 4.6
The score of student speaking fluency

| No | Kode | Y |
| :---: | :---: | ---: |
| 1 | R-01 | 10 |
| 2 | R-02 | 10 |
| 3 | R-03 | 9 |
| 4 | R-04 | 9 |
| 5 | R-05 | 10 |
| 6 | R-06 | 6 |
| 7 | R-07 | 9 |
| 8 | R-08 | 9 |
| 9 | R-09 | 10 |
| 10 | R-10 | 5 |
| 11 | R-11 | 10 |
| 12 | R-12 | 10 |


| 13 | $\mathrm{R}-13$ | 5 |
| ---: | ---: | ---: |
| 14 | $\mathrm{R}-14$ | 10 |
| 15 | $\mathrm{R}-15$ | 5 |
| 16 | $\mathrm{R}-16$ | 10 |
| 17 | $\mathrm{R}-17$ | 10 |
| 18 | $\mathrm{R}-18$ | 6 |
| 19 | $\mathrm{R}-19$ | 10 |
| 20 | $\mathrm{R}-20$ | 10 |
| 21 | $\mathrm{R}-21$ | 10 |
| 22 | $\mathrm{R}-22$ | 10 |
| 23 | $\mathrm{R}-23$ | 10 |
| 24 | $\mathrm{R}-24$ | 10 |
| 25 | $\mathrm{R}-25$ | 10 |
| 26 | $\mathrm{R}-26$ | 10 |
| 27 | $\mathrm{R}-27$ | 10 |
| 28 | $\mathrm{R}-28$ | 10 |
| 29 | $\mathrm{R}-29$ | 10 |
| 30 | $\mathrm{R}-30$ | 5 |
| 31 | $\mathrm{R}-31$ | 10 |
| 32 | $\mathrm{R}-32$ | 10 |
| 33 | $\mathrm{R}-33$ | 5 |
| 34 | $\mathrm{R}-34$ | 10 |
| 35 | $\mathrm{R}-35$ | 4 |
| 36 | $\mathrm{R}-36$ | 10 |
| 37 | $\mathrm{R}-37$ | 10 |
| 38 | $\mathrm{R}-38$ | 5 |
|  | $\sum$ | 332 |

1) Interval Total (K)

$$
\begin{aligned}
\mathrm{K} & =\mathrm{K}=1+3.3 \log \mathrm{~N} \\
& =1+3.3 \log 38 \\
& =6,21=6
\end{aligned}
$$

2) average

$$
\begin{aligned}
& \overline{\mathrm{X}}=\frac{\sum f x}{N} \\
& =\frac{332}{38} \\
& =8,7
\end{aligned}
$$

3) Range

$$
\begin{aligned}
\mathrm{R} & =\mathrm{H}-\mathrm{L} \\
& =10-4 \\
& =6 \\
\mathrm{R} & =\text { Range } \\
\mathrm{H} & =\text { The highest total score }
\end{aligned}
$$

$$
\mathrm{L}=\text { The lowest total score }
$$

4) Interval Class (i)

$$
\begin{aligned}
\mathrm{i} & =\frac{R}{K} \\
& =\frac{6}{6} \\
& =1
\end{aligned}
$$

## Table 4.7

Distribution frequency of Student speaking fluency

| Interval | $\mathrm{M}^{\prime}$ | F | $\mathrm{x}^{\prime}$ | $\mathrm{Fx}^{\prime}$ | $\mathrm{x}^{2}$ | $\mathrm{Fx}^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $9-10$ | 9,5 | 25 | 6 | 150 | 36 | 900 |
| $8-9$ | 8,5 | 4 | 4 | 16 | 16 | 64 |
| $7-8$ | 7,5 | 0 | 2 | 0 | 4 | 0 |
| $\mathbf{6 - 7}$ | $\mathbf{6 , 5}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| $5-6$ | 5,5 | 2 | -2 | -4 | 4 | 8 |
| $4-5$ | 4,5 | 7 | -4 | -28 | 16 | 112 |
|  |  |  |  | $\sum \mathrm{Fx}^{\prime}=134$ |  | $\sum \mathrm{Fx}^{2}$ <br> $=1084$ |

Based on the result of mean calculation above, the next step is making the category. They are as following

1. Mean

$$
\begin{aligned}
\mathrm{M} & =\mathrm{M}^{\prime}+\mathrm{i}\left(\frac{\sum f x^{\prime}}{N}\right) \\
& =6,5+1\left(\frac{134}{38}\right) \\
& =6,5+1(3,53) \\
& =10,03
\end{aligned}
$$

2. Standar deviasi:

$$
\begin{aligned}
& \mathrm{SD}=\mathrm{i} \sqrt{\frac{\sum f x^{2}}{N}-\left(\frac{\sum f x \prime}{N}\right)^{2}} \\
& \\
& =1 \sqrt{\frac{1084}{38}-\left(\frac{134}{38}\right)^{2}} \\
& \\
& =1 \sqrt{28,5-12,4} \\
& \\
& =1 \times 4,01 \\
& \\
& =4,0
\end{aligned} \begin{aligned}
& \mathrm{M}+1,5 \mathrm{SD}=10,03+1,5(4,01)=16,04=17 \text { higher } \\
& \mathrm{M}+0,5 \mathrm{SD}=10,03+0,5(4,01)=12,03=12-9 \\
& \mathrm{M}-0,5 \mathrm{SD}=10,03-0,5(4,01)=8,2=8-5 \\
& \mathrm{M}-1,5 \mathrm{SD}=10,03-1,5(4,01)=6,02=6-3
\end{aligned}
$$

$$
\text { Table } 4.8
$$

The Quality of Student speaking fluency

| Interval | Category | Quality |
| :---: | :--- | :---: |
| $>17$ | Very good |  |
| $9-12$ | Good | Good |
| $5-8$ | Mediocre |  |
| $3-6$ | Low |  |
| $<2$ | Very low |  |

## D. Hypothesis Analysis

## 1. The correlation of $X$ and $Y$

Finding the correlation of X and Y by using product moment :

$$
r_{x y}=\frac{\sum x y}{\sqrt{\left(\Sigma x^{2}\right)\left(\Sigma y^{2}\right)}}
$$

Before using the formula, the researcher firstly sought out deviation by using formula :

$$
\begin{aligned}
\sum x^{2} & =\sum X^{2}-\frac{\left(\sum X\right)^{2}}{N} \\
& =235996-\frac{(2946)^{2}}{38} \\
& =235996-228392,5 \\
& =7603,5 \\
\sum y^{2} & =\sum Y^{2}-\frac{\left(\sum Y\right)^{2}}{N} \\
& =3062-\frac{(332)^{2}}{38} \\
& =3062-2900,6 \\
& =161,4 \\
\sum x y & =\sum X Y-\frac{\left(\sum X\right)\left(\sum Y\right)}{N}
\end{aligned}
$$

$$
\begin{aligned}
& =24941-\frac{(2946)(332)}{38} \\
& =24941-25738,7 \\
& =-797,7
\end{aligned}
$$

The result :

$$
\begin{aligned}
& \sum x^{2}=7603,5 \\
& \sum y^{2}=161,4 \\
& \sum x y=-797,7
\end{aligned}
$$

So that, the product moment correlation as follows :

$$
\begin{aligned}
& r_{x y}=\frac{\sum x y}{\sqrt{\left(\sum x^{2}\right)\left(\sum y^{2}\right)}} \\
&= \frac{-797,7}{\sqrt{(7603,5)(161,4)}} \\
&= \frac{-797,7}{1107,1} \\
&=-0,7205
\end{aligned}
$$

The researcher found the coefficient correlation $\mathrm{r}_{\mathrm{xy}}$ is $-0,720$. Then, $r_{x y}$ is consulted with $r_{\text {table }} N=38$ for significance $5 \% ~\left(r_{\text {table }}=\right.$ $0,325)$. The result of $r_{x y}=-0,720$ and $\mathrm{rt}_{\text {able }}=0,325$ mean that they have negative correlation.

Tabel 4.9
Correlation coefficient X \& Y

| $\mathbf{N}$ | $\mathbf{r}_{\mathbf{x y}}$ | $\mathbf{r}$ table | Significance |
| :--- | :--- | :--- | :--- |
|  |  | $\mathbf{5 \%}$ |  |
| 38 | 0,325 | $-0,720$ | Significant |

Tabel 4.10
Coefficien correlation level $X$ and $Y$

| Interval coefficient | Correlation level |
| :---: | :---: |
| $0,80-0,1000$ | Very strong |
| $0,60-0,799$ | Strong |
| $0,40-0,599$ | Medium |
| $0,20-0,399$ | Low |
| $0,00-0,199$ | Very low |

From the table, correlation level of student foreign language anxiety and speaking fluency $-0,720$ is in the category " strong " in the interval $0,60-0,799$.

The researcher also used SPSS 16.0 to support the data.

| Correlations |  | Y | X |
| :---: | :---: | :---: | :---: |
| Y | Pearson Correlation | 1 | -. 720 ** |
|  | Sig. (2-tailed) |  | . 000 |
|  | N | 38 | 38 |
| X | Pearson Correlation | -. 720 ** | 1 |
|  | Sig. (2-tailed) | . 000 |  |
|  | N | 38 | 38 |
| **. Correlation is significant at the 0.01 level (2-tailed). |  |  |  |

## 2. Regression analysis

a.Finding the regression equation

$$
\begin{aligned}
\hat{y} & =\mathrm{a}+\mathrm{bx} \\
\mathrm{~b} & =\frac{n \cdot \sum X Y-\sum X \sum Y}{n \cdot \sum X^{2}-\left(\sum X\right)^{2}} \\
\mathrm{a} & =\frac{\Sigma \mathrm{Y}-\mathrm{b} \cdot \Sigma X}{N}
\end{aligned}
$$

value b and a by using the formula :

$$
\begin{aligned}
& \mathrm{b}=\frac{n \cdot \sum x y-\sum x \sum y}{n \cdot \sum x^{2}-\left(\sum x\right)^{2}} \\
& =\frac{38 \cdot(24941)-(2946)(332)}{38 \cdot(235996)-(2946)^{2}} \\
& =\frac{-30314}{288932} \\
& =-0,105
\end{aligned}
$$

So, the value $b=-0,105$. And to find value $a$ is using the formula :

$$
\begin{aligned}
\mathrm{a} & =\frac{\Sigma \mathrm{Y}-\mathrm{b} \cdot \Sigma X}{N} \\
& =\frac{332-(-0,105) \cdot(2946)}{38} \\
& =\frac{641,33}{38} \\
& =16,88
\end{aligned}
$$

where $b$ is $-0,105$ and $a$ is 16,88 . So, the regression equation is

$$
\begin{aligned}
& y=a+b x \\
& y=16,88-0,105 x
\end{aligned}
$$

## b. Test F

The level of significant in this research is using $\alpha=$ $5 \%$ with $\mathrm{F}_{\text {tabel }} 5 \%=4,11$. The next step is finding out the value F by using the formula as follows :

1) Finding the quadrate regression $\left(J K_{R e g}[a]\right)$

$$
\begin{aligned}
J K_{\text {Reg }[a]}=\frac{(\Sigma Y)^{2}}{n} & \\
& =\frac{(332)^{2}}{38} \\
& =2900,63
\end{aligned}
$$

2) Finding the quadrate regression $\left(\mathrm{JK}_{\text {Reg }[b \mathrm{~b}]}\right)$

$$
\begin{aligned}
& J K_{\text {Reg }[b \mid a]}=b\left\{\Sigma X Y-\frac{(\Sigma X)(\Sigma Y)}{n}\right\} \\
&=-0,105\left\{24941-\frac{(2946)(332)}{38}\right\} \\
&=-0,105(-797,7) \\
&= 83,63
\end{aligned}
$$

3) Finding the quadrate residue $\left(\mathrm{JK}_{\text {Res }}\right)$

$$
\begin{aligned}
J K_{\text {Res }} & =\Sigma Y^{2}-J K_{\text {Reg }[b \mid a]}-J K_{\text {Reg }[a]} \\
& =3062-83,63-2900,63 \\
& =77,61
\end{aligned}
$$

4) Finding the average of quadrate regression $\left(\mathrm{RJK}_{\text {Reg }}{ }_{\text {a }]}\right)$

$$
\begin{aligned}
& R J K_{\text {reg }[a]}=J K_{\text {Reg }[a]} \\
& \quad=2900,63
\end{aligned}
$$

5) Finding average amount of quadrate regression $\left(\mathrm{RJK}_{\text {Reg[bla] }}\right)$

$$
\begin{aligned}
R J K_{r e g[b \mid a]} & =J K_{\operatorname{Reg}[b \mid a]} \\
& =83,63
\end{aligned}
$$

6) Finding the average amount of quadrate residue $\left(\mathrm{RJK}_{\text {Reg }}\right.$ [bla])

$$
\begin{aligned}
R J K_{\text {res }}= & \frac{J K_{\text {Res }}}{n-2} \\
=\frac{77,61}{38-2} & \\
& =2,156
\end{aligned}
$$

7) Test of significance

$$
\begin{aligned}
F_{\text {count }}= & \frac{R J K_{\text {Reg }(b \mid a)]}}{R J K_{\text {res }}} \\
& =\frac{83,63}{2,156} \\
& =38,792
\end{aligned}
$$

The data is supported using SPSS 16.0

| ANOVA ${ }^{\text {b }}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Model | Sum of <br> Squares | Df | Mean <br> Square | F | Sig. |
| 1 Regression | 83.696 | 1 | 83.696 | 38.792 | . $000{ }^{\text {a }}$ |
| Residual | 77.672 | 36 | 2.158 |  |  |
| Total | 161.368 | 37 |  |  |  |

a. Predictors: (Constant), x
b. Dependent Variable: y

The result, $\mathrm{F}=38,84>\mathrm{F}_{\text {table }}=4,11$ with significance $5 \%$. It means that hypothesis is accepted because F is higher than $\mathrm{F}_{\text {table }}$.
c. Test t

The level of significance in this research is $\alpha$ $=5 \%$ with $\mathrm{t}_{\text {table }}=1,697$.

$$
\begin{aligned}
t & =\frac{r \sqrt{n-2}}{\sqrt{1-r^{2}}} \\
& =\frac{-0,720 \sqrt{38-2}}{\sqrt{1-(-0,720)^{2}}} \\
& =\frac{-0,720 \times 6}{\sqrt{0,481}} \\
& =\frac{-4,32}{0,693}=-6,228
\end{aligned}
$$

The result, $t_{\text {hitung }}=-6,228>t_{\text {table }}=1,697$ with significance $5 \%$. So that, the hypothesis is accepted.

## 3. The contribution of variable $X$ and $Y$ ( $R$ square )

The next step is finding the contribution of foreign language anxiety to speaking fluency of students $5^{\text {th }}$ semester in class A.

$$
\begin{aligned}
& r_{x y}=-0,720 \\
& \mathrm{R}=r_{x y} \times r_{x y}=r_{x y}{ }^{2} \times 100 \% \\
& =-0,7205^{2} \mathrm{x} 100 \% \\
& =0,519 \mathrm{x} 100 \%
\end{aligned}
$$

$$
=51,9 \%
$$

The count is also supported using SPSS 16.0.
Model Summary

| Model | $R$ | $R$ Square | Adjusted $R$ <br> Square | Std. Error of the <br> Estimate |
| :--- | :--- | ---: | ---: | ---: |
| 1 | $.720^{\mathrm{a}}$ | .519 | .505 | 1.46886 |

a. Predictors: (Constant), x

It means that the variable X ( foreign language anxiety) gives influence $51,9 \%$ to variable Y (speaking fluency), and 48,1 \% that gives influence to speaking fluency is from other aspects.

## E. Discussion

The result of the research showed that student foreign language anxiety is "enough" on interval $88-114$ with the mean 73,23 and the student speaking fluency is "good" on interval 9 12 with the mean 10,03 .

The correlation of student foreign language anxiety and speaking fluency is $r_{x y}-0,720$. Then, $r_{x y}$ is consulted with $r_{\text {table }}$ $\mathrm{N}=38$ for significance $5 \%\left(\mathrm{r}_{\text {table }}=0,325\right)$. The result of $\mathrm{r}_{\mathrm{xy}}=-$ 0,720 and $\mathrm{rt}_{\text {able }}=0,325$ showed that they have correlation. From the table 4. 10, the correlation level of student foreign language anxiety and speaking fluency $-0,720$ is in the category " strong " in the interval $0,60-0,799$, and the level of significance in this research is $\alpha=5 \%$ with $\mathrm{t}_{\text {table }}=1,697 . \mathrm{t}_{\text {count }}=-6,22>\mathrm{t}_{\text {table }}=1,697$ with significance $5 \%$. The simultaneous ( F ) test showed that the result, $\mathrm{t}_{\text {count }}=-6,22>\mathrm{t}_{\text {table }}=1,697$ with significance $5 \%$.

Therefore, the hypothesis is accepted. It means that there is influence of students' foreign language anxiety to speaking fluency.

The contribution of variable X and Y is $51,9 \%$. It means that the variable X ( foreign language anxiety) gives influence $51,9 \%$ to variable Y (speaking fluency), and $48,1 \%$ that gives influence to speaking fluency is from other aspects.

## F. Limitation of research

The researcher realizes that had not been done optimally. There were some obstacles faced during the research process. Some limititrations in this research were:

1. The short time of research process made this research could not be done optimally.
2. It is possible to get different result conducted in defferent place. So that, the research is limited at class A 5th semester of ELT Department UIN Walisongo.
3. Less experience and knowledge of researcher makes this research is not composed comprehensively.

Because of those limitations, it is a need to have study more about the influence of foreign language anxiety to sepaking fluency. By considering those limitations, the better study will be gained.

