#### CHAPTER IV

### DATA DISPLAY

### A. Data description

### 1. The history of MAN Purwoasri Kediri

This Scholl has original name "Madrasah Mu'alimin Atas Al-hikmah. This Scholl managed by Yayasan pondok pesantren Al-hikmah Purwoasri by KH. Badrus Sholeh Arif in 1957.

In December 12, 1967 this school was stated by SK Mentri Agama No. 17 year 1967 by the name Pendidikan Guru Agama Negeri(PGAN 6 tahun) Purwoasri. The founder / organiser of PGAN are:

- a. KH.Badrus Sholeh Arief as the leader of yayasan and pondok pesantren
   Al-Hikmah.(party 1)
- b. KH. Moh. Dahlan, as the religion minister. (party 2)
- c. H. Soedarkoen Reksoadmodjo, as the leader of religion education division of east java.
- d. KH. Machrus Ali, as the rector of Tri Bakti University.
- e. Achmad Soebari, as the regent government II Kediri.
- f. Moh.Bachri Rofi'i, as the leader of religion educational inspection Kediri as the guarantor of this school of PGAN 6 tahun.

### Headmasters of PGAN 6 tahun are:

- a. Anwar Hidayat( 01-12-1967 to 01-06-1969)
- b. Abdul Mujib, BA. (01-06-1969 to 01-01-1973)
- c. Djuweni sholeh, BA. (01-01-1973 to 01-01-1977)
- d. Drs. Nasuchan (01-01-1977 to 01-01-1978)
- e. Drs. A.Fauzan AL- H Umar Fauzi (01-01-1978 to 01-01-1979)

As the SK of religion minister No. 17 tahun 1978 PGAN 6 tahun Purwoasri class IV, V, VI recollection as MAN Purwoasri. Then class I, II, III recollection as MTsN Purwoasri.

#### Headmasters of MAN Purwoasri are:

- a. Drs. A .Fauzan Al.H. Umar Fauzi (01-04-1979 to 31-03-1995)
- b. Drs. Moh. Amin( 31-03-1995 to 27-01-1998)
- c. Drs. H.Isrofil Amar(27-01-1998 to 19-07-2002)
- d. Drs. H. Imam Syafi'I (19-07-2002 to 01-04-2004)
- e. Drs. H. Djamil Aly(01-04-2004 to 06-06-2006)
- f. Drs. H. Imronuddin Huda, S.Pd.( 06-06-2006 to ...)<sup>1</sup>

### 2. Geographic of MAN Purwoasri

This school is located in strategic area because it located in the central street of Kediri-Tulungagung at jln.Pahlawan Purwoasri. It can be reach easily by public transportation. This building located east border on: Mlilir village, north border on: Village area, west border on: empty area, south border on: Pesing village.

<sup>&</sup>lt;sup>1</sup> The data taken from the documentation of MAN Purwoasri academic year 2008/2009

### 3. The profile of MAN Purwoasri

MAN Purwoasri is the Islamic senior high school as the formal education that moves on development field that oriented to Ahlusunah Wal Jamaah.

Material that taught is mathematic, physic, biology, Indonesian language, geographic, English, economic, history and technology information and communication, Al qur'an hadist, Arabic language, Islamic history. By those materials hoped that the output of MAN Purwoasri can be the bets generation that has knowledge and belief.

The Profile of MAN Purwoasri where the researcher conduct the study as follow:

- a. School name: Islamic senior high Scholl Purwoasri
- b. Statistic number: 311.350.616.020
- c. Province: east java
- d. District: Purwoasri
- e. Street and number: il. Pahlawan 66
- f. Code pos:64154
- g. Phone: 0354 529182
- h. Accreditation: A
- i. SK: No. A/Kw.13.4/MA/084/2005 on February 17,2005
- j. Build on: 1957

(The data taken from the documentation of MAN Purwoasri academic year 2008/2009)

#### 4. The teachers at MAN Purwoasri

The teachers that teach in MAN Purwoasri acaemic year 2008/2009 are 47 people. There are six English teachers that teach the students of the first, the second, and the third year students. They are can be seen in the table below:

- 1. H.Toha, S.Ag,S.Pd. He is an English teacher that starts to teach at February 2, 1981. He takes sarjana degree at UNMUH 2003. He teaches the third grade.
- Drs. Lutfi Hakim M.Pd.I. He is an English teacher that starts to teach at March 1,
   1996. He takes master degree at UNIPDU 2006. He teaches the third grade.
- Lilik Sujarwati, S.Pd. She is an English teacher that starts to teach at September 1,
   2004. She takes sarjana degree at IKIP 1999. She teaches the third grade and the second grade.
- M.Istajib,S.Pd. He is an English teacher that starts to teach at February 1, 2005.
   He takes sarjana degree at UNISKA 1995. He teaches the third grade and second grade.
- Erliyana,S.Ag, M.Pd.I. She is an English teacher that starts to teach at February 1,
   2005. She takes master degree at UNMUH Surabaya 2007. She teaches the first grade.
- Nikmatul Fauziyah, S.Pd.I. She is an English teacher that starts to teach at July 11, 2007. She takes sarjana degree at STAIN Kediri 2007. She teaches the first grade.
  - (The data taken from the documentation of MAN Purwoasri academic year 2008/2009)

#### 5. The students of MAN Purwoasri

In this research, researchers do preliminary study that purposed to find the information about the condition at MAN Purwoasri. From the preliminary researchers find the data that total students of MAN Purwoasri are 534 students. The first grade is 181 students, the second grade is 171 students, and the third grade is 182 students.

Therefore, in this study the researcher focused only at the third grade students which contain of 182 students divided into six classes. For the complete classification can be seen in the table below:

No.	Class	Male	Female	Total
1.	XII BHS 1	13	16	29
2.	XIIBHS II	13	14	27
3.	XII IPA 1	6	25	31
4.	XII IPA II	5	26	31
5.	XII IPS 1	16	17	33
6.	XII IPS II	12	19	31
	Total	65	117	182

(The data taken from the documentation of MAN Purwoasri academic year 2008/2009)

# 6 The school equipments at MAN Purwoasri

School equipments are one of important thing that determine the successful of the teaching and learning process. From the preliminary study, the researcher finds the information that MAN Purwoasri have 18 classes, a science laboratory, two language laboratory, a computer laboratory, a library, a hall room, a healthy room, a

counseling room, a headmaster room, a teachers room, a management room, students activity room, two toilets for the teachers and six toilet for the students, a mosque, and two canteen.

By those equipments and facility that have available, MAN Purwoasri hoped that the process of teaching and learning process will be effective.

#### B. Statistic data

This study is intended to fin out data whether there is any correlation between reading comprehension and structure competence. Before analysing the data, the researchers will analyse the reliability and the validity of the research instruments.

Based on the table of reading comprehension and structure competence, we can get the data of item test as follow:

TABLE 1:
THE CORRELATION BETWEEN STUDENT'S READING
COMPREHENSION AND THEIR STRUCTURE COMPETENCE A CASE
STUDY AT THE THIRD GRADE STUDENTS OF MAN PURWOASRI
KEDIRI

Responden	Data		
	Reading Comprehension	Structure Competence	
i	60	46	
2	60	52	
3	68	52	
4	56	46	
5	56	44	
6	64	48	
7	56	48	
8	68	40	
9	68	40	
10	68	58	
11	60	48	
12	76	52	
13	80	64	
14	68	52	
15	60	56	
16	48	44	
17	44	50	
18	52	40	
19	56	50	
20	60	54	
21	60	46	
22	52	46	
23	52	52	
24	60	40	
25	56	42	
26	76	64	
27	44	42	
28	88	72	
29	44	44	
30	40	38	
31	52	44	

32	40	40
33	84	80
34	92	82
35	64	44
36	48	42
37	64	56
38	88	48
39	64	44
40	84	48
41	76	68
42	40	44
43	56	48
44	52	44
45	64	36
46	56	38
47	68	48
48	44	42
49	48	36
50	56	42
51	68	44
52	48	44
53	48	46
54	60	44
55	40	42
56	48	42
57	56	40
58	44	40
59	56	42
60	52	42
61	40	40
62	64	40
63	32	30
64	72	30
65	56	56
66	40	14
67	40	18
68	16	28

# 1. The reliability of the research instrument

# a. The reliability of reading test

TABLE 2
THE RELIABILITY ANALYSIS
OF READING COMPREHENSION

Odd score	Even score
24	40
36	28
36	32
32	28
32	
36	28 28
36	24
32	36
40	32
32	40
40	20
44	36
40	44
32	36
40	24
24	24
8	40
24	32
36	20
32	32
28	36
44	8
28	2.8
36	28
24	36
40	36
28	20
48	44
20	24
4	40
28	24
24	20

44	44
48	48
36	32
24	32 24 36
32	36
44	48
32	36
52	32
36	44
24	16
32 32	24
32	24
36	28
36 32	28 28
32 24 16	36
24	24
16	24 36
40	16
32	40
28	24
24	24
28	32
28 24	16
24	24
28	32
24	32 24 24
32	24
28	28
20	28 24
36	28
16	16
44	32
32	28
28 20	28 12
20	20
12	4
24	40

Based on the table 4 above, the value of split r = 0, 2788 and the value of r result =0.4361. Because R result > R split, so it can be conclude that the instrument on this research is reliable.

TABLE 3:
THE RELIABILITY ANALYSIS
OF STRUCTURE COMPETENCE

Even score
26
22
24
20
20 18
18
24
22
18
28
22
26
38
26
24 22
22
32
20
16
24
28
10
28
20
24
28
20
36
20

52	28
70	22
62	18
126	36
126 124 72	40
72	18
64	20
88	26
72	24
66	24
82	24 24 12
108	30
68	20
74	20 22 22
68	22
54	16
62	18
72	24
64	20
54	20 22
68	16
66	26 16
72 72	16
72	20
64	20 24
68	14
66	20
56	26
62	18
68	20
68	18
58	22 16
62	16
48	10
50	10 12
94	22
22	6
30	6 6
36	18

Based on the table 5 above, by using Microsoft Excel 2007, we get the value of split r = 0.6893 and value of r result = 0.8161. Because the value of r result > r split, so it can be concluded that the instrument of this research is also reliable. Explanation:

R belah = PEARSON (Skor ganjil; skor genap)

$$R hitung = \frac{2 \times R belah}{1 + R belah}$$

# 2. The validity of the research instrument

## a. The validity of reading test

TABLE 4: THE VALIDITY RESULT OF READING COMPREHENSION ITEM TEST

No	Item score correlation to total score	R Kritis	Explanation
ltem			
1	0.21	0.1649	Valid
2	0.22	0.1649	Valid
3	0.27	0.1649	Valid
4	0.32	0.1649	Valid
5	0.24	0.1649	Valid
6	0.40	0.1649	Valid
7	0.28	0.1649	Valid
8	0.42	0.1649	Valid
9	0.32	0.1649	Valid
10	0.33	0.1649	Valid
11	0.32	0.1649	Valid
12	0.39	0.1649	Valid
13	0.36	0.1649	Valid
14	0.25	0.1649	Valid
15	0.37	0.1649	Valid
16	0.33	0.1649	Valid
17	0.35	0.1649	Valid

18	0.21	0.1649	Valid
19	0.24	0.1649	Valid
20	0.25	0.1649	Valid
21	0.31	0.1649	Valid
22	0.19	0.1649	Valid
23	0.18	0.1649	Valid
24	0.23	0.1649	Valid
25	0.17	0.1649	Valid

# b. The validity of structure test

TABLE 5:
THE VALIDITY RESULT OF STRUCTURE ITEM TEST

No Item	Item score correlation to total score	R Kritis	Explanation
1	0.02	0.1649	invalid
2	0.25	0.1649	valid
3	0.17	0.1649	valid
4	0.30	0.1649	valid
5	0.19	0.1649	valid
6	0.28	0.1649	valid
7	0.25	0.1649	valid
8	0.35	0.1649	valid
9	0.22	0.1649	valid
10	0.17	0.1649	valid
11	0.23	0.1649	valid
12	0.27	0.1649	valid
13	0.20	0.1649	valid
14	0.22	0.1649	valid
15	0.39	0.1649	valid
16	0.32	0.1649	valid
17	0.27	0.1649	valid
18	0.32	0.1649	valid
19	0.26	0.1649	valid
20	0.33	0.1649	valid
21	0.34	0.1649	valid
22	0.25	0.1649	valid
23	0.19	0.1649	valid
24	0.22	0.1649	valid
25	0.25	0.1649	valid

26	0.29	0.1649	valid
27	0.18	0.1649	valid
28	0.23	0.1649	valid
29	0.20	0.1649	valid
30	0.20	0.1649	valid
31	0.19	0.1649	valid
32	0.23	0.1649	valid
33	0.25	0.1649	valid
34	0.17	0.1649	valid
35	0.20	0.1649	valid
36	0.21	0.1649	valid
37	0.17	0.1649	valid
38	0.20	0.1649	valid
39	0.21	0.1649	valid
40	0.19	0.1649	valid
41	0.19	0.1649	valid
42	0.19	0.1649	valid
43	0.26	0.1649	valid
44	0.19	0.1649	valid
45	0.21	0.1649	valid
46	0.19	0.1649	valid
47	0.19	0.1649	valid
48	0.18	0.1649	valid
49	0.22	0.1649	valid
50	0.19	0.1649	valid

For the complete scoring of independent variable (reading comprehension) and dependent variable (structure competence) it can be seen on appendix 6.

# 3. The reading and structure correlation

The point of this study is the correlation between reading comprehension and structure competence. It means that it is discussing about the degree of relationship, the researcher uses the measurement that is called coefficient correlation that stated with "r".

Researcher finds out the coefficient correlation using "product moment correlation. The following is the formula to obtain the coefficient correlation (r).

$$rxy = \frac{N\sum XY - (\sum X)(\sum Y)}{\sqrt{[(N\sum X^2 - (\sum X)^2](N\sum Y^2 - (\sum Y)^2]}}$$

N =the number of the students

X = reading score

Y = structure score

Therefore, in this study the researcher compute the coefficient correlation using SPSS 16.0, the analysis of it can be seen in the table below:

### Correlations

### Correlations

		Reading Comprehension	Structure Competence
Reading Comprehension	Pearson Correlation	1	.682
	Sig. (2-tailed)		.000
	N	68	68
Structure Competence	Pearson Correlation	.682	1
	Sig. (2-tailed)	.000	
	N	68	68

<sup>\*\*.</sup> Correlation is significant at the 0.01 level (2-tailed).

Based on the correlation, by using Pearson correlation showed that the value of sig (2-tailed) = 0.000 smaller than  $\alpha = 0.05$  it means that null hypothesis is rejected which can be defined 'there is correlation between reading comprehension and structure competence.

The correlation between reading comprehension and structure competence of this study can be classified into strong positive nonlinear correlation ( $\Gamma_{,w} = 0.682$ ), which means the increase or decrease of the students' reading comprehension score will be followed by the increase or decrease of structure score. In other word, the high score of reading comprehension tends to be followed by the high score of structure, and the vice versa.