

## **CHAPTER - 4**

### **STATEMENT OF THE RESULTS**

## Statement of Results

In the present study the test used was developed by the investigator . The test developed is an oral test which tests the reading accuracy, reading and aural comprehension of the students.

There are two sets. Set A comprises 3 passages and Set B also comprises 3 passages. Each set has a record sheet also. In set A all the three passages were put in increasing length, difficulty and questions and were taken for reading accuracy and reading comprehension purposes. In set B other three passages with increasing length, difficulty and questions were taken for aural comprehension purpose.

For reading accuracy the raw scores were obtained by summing up the miscues and for aural and reading comprehension the raw scores were obtained by summing up the number of correct answers given by the students.

In the present study descriptive statistics has been used in the form of means and standard deviation to organise, summarise and describe scores on dependent variable (reading accuracy, aural and reading comprehension) for different variables.

Inferential statistics in the form of 't' test has been used in order to generalise the findings.



**Table 2 : Reading Accuracy Miscues among Boys and Girls**

Gender	Grade of Miscues		Subs.	Inser.	Omi.	Rev.	S.C.	Ref.	Total	Hes.	Rep.
BOYS (N=30)	No. of Positive	X	1.86	1.33	2.03	0.06	1.43	0.13	6.86		
		SD	1.83	1.34	1.15	0.25	1.59	0.43	3.41		
	No. of Intermediate	X	6.36	0.20	0.33	0	0	0.43	7.3		
		SD	4.55	0.50	0.54	0	0	0.81	5.13		
	No. of Negative	X	2.83	0.03	0.26	0	0	0.61	3.73		
		SD	4.11	0.182	0.58	0	0	1.71	4.91		
Total	X	11.03	1.56	2.63	0.06	1.43	1.16	17.83	1.30	6.80	
	SD	8.05	1.52	1.29	0.25	1.59	2.40	10.20	1.39	7.00	
GIRLS (N=30)	No. of Positive	X	2.03	1.66	1.90	0.03	1.63	0.06	6.92		
		SD	2.84	2.24	1.66	0.18	1.49	0.25	3.91		
	No. of Intermediate	X	5.91	0.23	0.60	0	0	0.26	6.96		
		SD	4.74	0.43	1.54	0	0	0.58	6.06		
	No. of Negative	X	1.96	0.06	0.46	0.06	0	0.53	3.03		
		SD	1.96	0.25	1.45	0.25	0	1.61	3.91		
Total	X	9.56	1.96	2.90	0.10	1.63	0.86	16.96	1.56	4.89	
	SD	6.78	2.47	3.43	0.30	1.49	2.04	11.49	1.69	3.79	

**Keys :** Subs = Substitution; Inser = Insertion; Omi = Omission; Rev = Reversal; S.C. = Self Correction; Ref = Refusal;  
X = mean;SD = Standard Deviation; Hes = Hesitaitaion; Rep = Repetition.

**Table 3 : Reading Accuracy (Miscues) among Boys and Girls of Grade III**

Grade	Gender	Grade of Miscies		Subs.	Inser.	Omi.	Rev.	S.C.	Ref.	Total	Hes.	Rep.
III (N=20)	Boys  N=10	Positive	X	0.90	1.60	2.40	0	1.40	0.20	6.50		
			SD	0.99	1.26	1.17	0	1.07	0.63	2.01		
		Intermediate	X	7.40	0	0.50	0	0	0.70	8.60		
			SD	4.06	0	0.70	0	0	1.05	4.55		
		Negative	X	3.50	0	0.40	0	0	1.40	5.30		
			SD	3.40	0	0.69	0	0	2.71	4.37		
	Total	X	11.80	1.60	3.30	0	1.40	2.30	20.20	1.00	6.10	
		SD	6.46	1.26	1.33	0	1.07	3.59	8.59	1.05	6.96	
	Girls  N=10	Positive	X	4.20	1.40	2.70	0	1.20	0	8.60		
			SD	3.88	1.77	1.82	0	1.31	0	2.79		
		Intermediate	X	8.30	0.30	1.30	0	0	0.50	10.40		
			SD	6.09	0.48	2.54	0	0	0.84	8.04		
		Negative	X	3.00	0.20	0.46	0.10	0	1.10	5.60		
			SD	1.82	0.42	2.39	0.31	0	2.60	5.39		
Total	X	14.50	1.90	5.20	0.10	1.20	1.60	24.60	1.60	6.80		
	SD	7.77	2.33	4.84	0.31	1.31	3.13	13.98	2.36	4.56		

**Keys :** Subs = Substitution; Inser = Insertion; Omi = Omission; Rev = Reversal; S.C. = Self Correction; Ref = Refusal;  
X = mean;SD = Standard Deviation; Hes = Hesitaitaion; Rep = Repetition.

**Table 4 : Reading Accuracy (Miscues) among Boys and Girls of grade IV**

Grade	Gender	Grade of Miscues		Subs.	Inser.	Omi.	Rev.	S.C.	Ref.	Total	Hes.	Rep
IV (N=20)	Boys (N=10)	Positive	X	1.80	1.50	2.10	0	1.10	0.10	6.60		
			SD	1.47	1.77	1.44	0	1.10	0.31	3.56		
		Intermediate	X	7.70	0.10	0.10	0	0	0.60	8.40		
			SD	5.81	0.31	0.31	0	0	0.84	6.67		
		Negative	X	3.60	0	0.10	0	0	0.40	4.10		
			SD	5.83	0	0.31	0	0	0.96	6.67		
	Total	X	13.00	1.60	2.30	0	1.10	1.10	19.10	0.90	8.80	
		SD	10.90	1.89	1.41	0	1.10	1.72	13.80	0.73	9.42	
	Girls (N=10)	Positive	X	1.50	1.70	2.00	0.10	0.10	0.20	6.70		
			SD	1.43	1.25	1.33	0.31	0.99	0.63	2.94		
		Intermediate	X	5.90	0.40	0.30	0	0	0.30	6.80		
			SD	2.96	0.51	0.48	0	0	0.48	3.67		
		Negative	X	1.80	0	0.10	0	0	0.40	2.10		
			SD	1.61	0	0.31	0	0	0.96	2.13		
Total	X	9.20	2.10	2.20	0.10	1.10	0.90	15.6	0.80	5.40		
	SD	4.13	1.66	1.31	0.31	0.99	1.52	6.11	1.03	3.16		

**Keys :** Subs = Substitution; Inser = Insertion; Omi = Omission; Rev = Reversal; S.C. = Self Correction; Ref = Refusal;  
X = mean;SD = Standard Deviation; Hes = Hesitaitaion; Rep = Repetition.



**Table 5 : Reading Accuracy (Miscues) among Boys and Girls of grade V**

Grade	Gender	Grade of Miscues		Subs.	Inser.	Omi.	Rev.	S.C.	Ref.	Total	Hes.	Rep.
V (N=20)	Boys (N=10)	Positive	X	2.90	0.90	1.60	0.20	1.80	0.10	7.50		
			SD	2.33	0.87	0.69	0.42	2.34	0.31	4.47		
		Intermediate	X	4.00	0.50	0.40	0	0	0	4.9		
			SD	2.53	0.84	0.51	0	0	0	2.99		
		Negative	X	1.40	0.10	0.30	0	0	0	1.80		
			SD	2.36	0.31	0.67	0	0	0	2.69		
	Total	X	8.30	1.50	2.30	0.20	1.80	0.10	14.2	2.00	5.50	
		SD	5.77	1.50	0.94	0.42	2.34	0.31	7.34	1.94	3.74	
	Girls (N=10)	Positive	X	0.40	1.90	1.00	0	2.60	0	5.60		
			SD	0.69	3.38	1.49	0	1.71	0	5.27		
		Intermediate	X	3.50	0	0.20	0	0	0	3.70		
			SD	3.71	0	0.42	0	0	0	3.91		
Negative		X	1.10	0	0.10	0.10	0	0.10	1.40			
		SD	1.91	0	0.31	0.31	0	0.31	2.11			
Total	X	5.00	1.90	1.30	0.10	2.60	0.10	10.70	2.30	3.20		
	SD	4.52	3.38	1.88	0.31	1.71	0.31	9.09	1.15	3.45		

**Keys :** Subs = Substitution; Inser = Insertion; Omi = Omission; Rev = Reversal; S.C. = Self Correction; Ref = Refusal;  
X = mean;SD = Standard Deviation; Hes = Hesitaitaion; Rep = Repetition.

**Table 6 : Reading Accuracy (Miscues) among Students of Grade III, IV and V**

Grade	Grade of Miscues		Subs.	Inser.	Omi.	Rev.	S.C.	Ref.	Total	Hes.	Rep.
III N=20	Posiitive	X	2.55	1.50	2.55	0	1.30	0.10	7.55		
		SD	3.23	1.50	1.50	0	1.17	0.44	2.60		
	Intermediate	X	7.85	0.15	0.90	0	0	0.60	9.50		
		SD	5.06	0.36	1.86	0	0	0.94	6.42		
	Negative	X	3.25	0.10	0.80	0.05	0	1.25	5.45		
		SD	2.67	0.30	1.76	0.22	0	2.59	4.78		
Total	X	13.15	1.75	4.25	0.05	1.30	1.95	22.40	1.30	6.45	
	SD	7.09	1.83	3.59	0.22	1.17	3.30	11.52	1.80	5.74	
IV N=20	Positive	X	1.65	1.60	2.05	0.05	1.10	0.25	6.65		
		SD	1.42	1.50	1.35	0.22	1.02	0.71	3.18		
	Intermediate	X	6.75	0.25	0.20	0	0	0.45	7.60		
		SD	4.65	0.44	0.41	0	0	0.68	5.35		
	Negative	X	2.70	0	0.10	0	0	0.40	3.10		
		SD	4.26	0	0.30	0	0	0.90	4.93		
Total	X	11.10	1.85	2.25	0.05	1.10	1.00	17.35	0.85	13.63	
	SD	8.31	1.75	1.33	0.22	1.02	1.58	10.55	0.87	29.0	
V N=20	Positive	X	1.65	1.40	1.30	0.10	2.20	0.05	6.55		
		SD	2.1	2.45	1.17	0.30	2.04	0.22	4.86		
	Intermediate	X	3.75	0.25	0.30	0	0	0	4.30		
		SD	3.10	0.63	0.45	0	0	0	3.45		
	Negative	X	1.25	0.05	0.20	0.05	0	0.05	1.60		
		SD	2.09	0.22	0.52	0.22	0	0.22	2.37		
Total	X	6.65	1.70	1.80	0.15	2.20	0.10	12.45	2.15	4.35	
	SD	5.32	2.55	1.54	0.36	2.04	0.30	8.24	1.56	3.70	

**Table 7. Summary of 't' value between boys and girls for comprehension scores (aural and reading)**

Comprehension	Gender	X	SD	t value	Level of Significance
Aural	Boys N = 30	7.36	2.18	0.45	NS
	Girls N = 30	7.06	2.79		
Reading	Boys N = 30	5.73	1.96	0.269	NS
	Girls N = 30	5.90	2.78		

Keys : S = Significant; X = Mean; NS = Non Significant;

SD = Standard Deviation

**Table 8. Summary of 't' value between the students of grade III and IV for comprehension scores (aural and reading)**

Comprehension	Class	X	SD	't' value	Level of Significance
Aural	III N = 20	6.50	2.76	0.064	NS
	IV N = 20	6.45	2.01		
Reading	III N = 20	5.30	2.45	0.204	NS
	IV N = 20	5.45	2.06		

Keys : S = Significant; X = Mean; NS = Non Significant; SD = Standard Deviation



**Table 9. Summary of 't' value between the students of grade III and V for comprehension scores (aural and reading)**

Comprehension	Class	X	SD	't' value	Level of Significance
Aural	III N = 20	6.50	2.76	2.82	S
	IV N = 20	8.7	2.02		
Reading	III N = 20	5.30	2.45	1.75	NS
	IV N = 20	6.7	2.49		

Keys : S = Significant; X = Mean; NS = Non Significant;  
Standard Deviation

SD =

**Table 10. Summary of 't' value between the students of grade IV and V for comprehension scores (aural and reading)**

Comprehension	Class	X	SD	't' value	Level of Significance
Aural	IV N = 20	6.45	2.01	3.45	S
	V N = 20	8.70	2.02		
Reading	IV N = 20	5.45	2.06	1.68	NS
	V N = 20	6.70	2.49		

Keys : S = Significant; X = Mean; NS = Non Significant;

SD = Standard Deviation

**Table 11. Summary of 't' value between boys and girls of grade III for comprehension scores (aural and reading)**

Comprehension	Gender	X	SD	't' value	Level of Significance
Aural	Boys N = 10	6.80	2.52	0.45	NS
	Girls N = 10	6.20	3.08		
Reading	Boys N = 10	6.30	2.45	1.86	NS
	Girls N = 10	4.30	2.11		

Keys : S = Significant; X = Mean; NS = Non Significant;

SD = Standard Deviation

**Table 12. Summary of 't' value between boys and girls of grade IV for comprehension scores (aural and reading)**

Comprehension	Gender	X	SD	't' value	Level of Significance
Aural	Boys N = 10	7.10	1.85	1.41	NS
	Girls N = 10	5.80	2.04		
Reading	Boys N = 10	5.10	1.72	0.65	NS
	Girls N = 10	5.70	2.31		

Keys : S = Significant; X = Mean; NS = Non Significant;

SD = Standard Deviation

**Table 13. Summary of 't' value between boys and girls of grade V for comprehension scores (aural and reading)**

Comprehension	Gender	X	SD	't' value	Level of Significance
Aural	Boys N = 10	8.2	2.09	0.53	NS
	Girls N = 10	9.2	1.93		
Reading	Boys N = 10	5.7	1.49	1.65	NS
	Girls N = 10	7.70	2.94		

Keys : S = Significant; X = Mean; NS = Non Significant;

SD = Standard Deviation

**Table 14. Summary of 't' value between aural and reading comprehension scores of boys and girls.**

Gender	Comprehension	X	SD	't' value	Level of Significance
Boys N = 30	Aural	7.36	2.18	3.01	S
	Reading	5.73	1.96		
Girls N = 30	Aural	7.06	2.79	1.61	NS
	Reading	5.90	2.78		

Keys : S = Significant; X = Mean; NS = Non Significant;

SD = Standard Deviation

**Table 15. Summary of 't' value between aural and reading comprehension scores of different grades (III, IV and V)**

Gender	Comprehension	X	SD	't' value	Level of Significance
III N = 20	Aural	6.50	2.76	1.42	NS
	Reading	5.30	2.45		
IV N = 20	Aural	6.45	2.01	1.53	NS
	Reading	5.45	2.06		
V N = 20	Aural	8.70	2.02	3.30	S
	Reading	6.70	2.49		

Keys : S = Significant; X = Mean; NS = Non Significant; SD = Standard