

CHAPTER -4

DATA ANALYSIS

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4.0 INTRODUCTION

The previous three chapters have described the overall approach to the problem. This chapter is concerned with the analysis of data.

4.1 HYPOTHESIS NO.1

Enrolment rate of disadvantaged group < Enrolment Rate of General group

Table 1 B.T.I.School, Balaghat and Govt. Primary School, Jagpur

S.No.	Population	Mean	't' value	Table value
1.	General	24.2	5.73	1.73
2.	Disadvantage	87.4		

Table value < expected value

So the difference of enrolment ratio is significant.

Findings: Enrolment ratio of disadvantaged group > Enrolment rate of General group. So the Hypothesis is not accepted.

4.2 HYPOTHESIS NO.2

Retention rate of disadvantage group < Retention rate of General group

Table 2 Govt.Primary School, Jagpur and B.T.I School, Balaghat

S.No.	Population	Mean	't'value	Table value
1.	General	48.7	0.677	1.73
2.	Disadvantaged	43.8		

Table value > expected value

So the difference is non-significant.

Findings: Retention rate of disadvantaged group = retention rate of general group. So Hypothesis is not accepted.

4.3 HYPOTHESIS NO.3

(Ho-Null Hyp.)

Ho = Achievement level of disadvantaged group = Achievement of Gen.group.



Table 3 B.T.I.School, Balaghat and Govt.Primary School, Jagpur

S.No.	Population	Mean	't'value	Table value
1.	General	57.78	8.60	1.68
2.	Disadvantaged	40.48		

Table value < expected value

It means difference of achievement level is significant. So, the Hypothesis is not accepted.

4.4 HYPOTHESIS NO.4

(Ho.4)

Ho=Enrolment rate of Disadvantage group=Enrolement rate of Gen. group.

Table 4 B.T.I.School, Balaghat

S.No.	Population	Mean	't' value	Table value
1.	General	14	0.002	1.66 (0.10 level)
2.	Disadvantaged	84.8		

Table value > expected value.

So the difference of enrolment ratio is not significant. Thus this Hypothesis Ho.4 is accepted.

4.5 Hypothesis No.5

Significant difference in retention rate between disadvantage and gen. group.

Table 5 B.T.I School, Balaghat

S.No	Population	Mean	't' value	Table value
1.	General	57.6	0.05	1.86 (0.10 Level)
2.	Disadvantaged	55.5		

Table value > Expected value

Difference is not significant. So, Hypothesis is not accepted.

4.6 HYPOTHESIS NO.6

Significance difference in Achievement level of disadvantaged and gen.group.

Achievement level of disadvantaged gr.=Achievement level of gen.group

Table 6 B.T.I School, Balaghat

S.No.	Population	Mean	't' value	Table value
1.	General	64.23	10.09	1.68 (0.10 level)
2.	Disadvantaged	35.67		

Table value < expected value

Difference is significant . So the Hypothesis is accepted.

4.7 HYPOTHESIS NO. 7

Significance difference in Enrolment rate of Disadvantaged and general group in rural areas.

Table 7 Govt. Primary. School, Jagpur

S.No.	Population	Mean	't' value	Table value
1.	General	15.5	.296	1.65
2.	Disadvantaged	14.2		

Table value > expected value.

Difference is non significant. Hypothesis is not accepted.

4.8 HYPOTHESIS NO.8

Significance difference in Retention rate of disadvantage group and general group.

Table 8 Govt.Primary School, Jagpur

S.No	Population	Mean	't'value	Table value
1.	General	42.6	0.193	1.86
2.	Disadvantaged	33		

Table value >expected value

Difference is not significant . Hypothesis is not accepted.

4.9 HYPOTHESIS NO.9

Achievement level of disadvantaged gr.=Achievement level of gen.gr.

Table 9 Govt.Primary School, Jagpur

S.No	Population	Mean	't'value	Table value
1.	General	32	1.18	1.68
2.	Disadvantaged	36.68		

Table value >expected value

Difference is not significant. Hypothesis is accepted.