

**DATA ANALYSIS
AND
INTERPRETATION**

CHAPTER IV

DATA ANALYSIS AND INTERPRETATION

4.0. Introduction

After giving a brief discussion about adolescence, its developmental stages, problems related to adolescence in the introductory chapter, researcher has protected d review of related literature in the second chapter of the study. After the methodology, presented in the third chapter, the current chapter deals with the data analysis and interpretation part of the study. For the analysis, the methodology provided in the earlier chapter has been followed. In this chapter hypothesis analysis and interpretation of the data are presented under different caption.

❖ TESTING OF HYPOTHESES

4.1 Hypothesis

Ho=There will be no significant difference in mutual frankness on adolescent issues among parents and daughters of different stages of adolescence.

TABLE NO. 4.1

Analysis of variance of mean scores of the three groups in stages of adolescence on mutual frankness

Sources of Variance	Group means		Sum of Squares	df	Mean Square	F
Among	Early	66.30	2872.42	87	1436.211	11.694**
Within	Middle	55.40	10684.97		122.816	
	Late	53.47				

N = 90

Significant at 0.01 level of confidence.

Table 4.1 indicates that the F value of 11.694 withdf 1/87 is significant at 0.01 level (Table value).It signifies that the level of frankness amongst parents and their adolescent daughters changes according to the stages of adolescence. Therefore, the null hypothesis, namely, “There will be no significant difference in mutual frankness on adolescent issues among parents and daughters of different stages of adolescence”, is rejected.

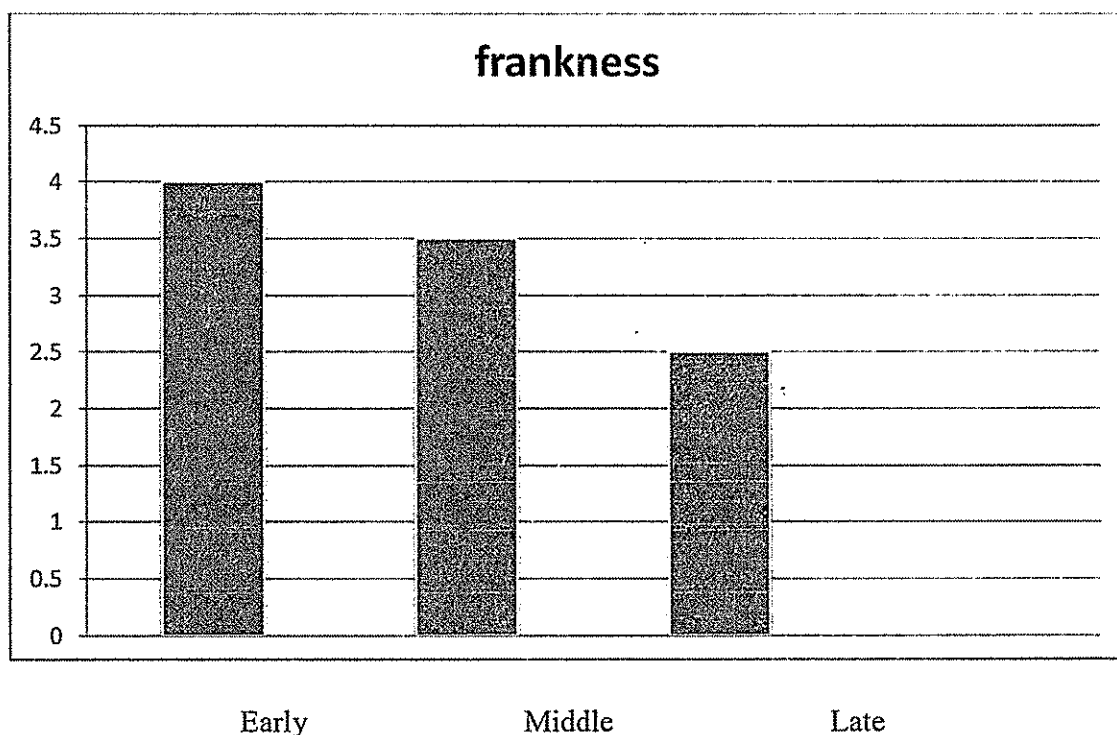


Figure no.1 Graph showing mutual frankness between parents and adolescent daughters At different stage of adolescence

Graph shows the scores of mutual frankness of adolescent daughters with their parents at different stages of adolescents. The highest level of frankness is showed by the adolescent girls at early adolescence stage and the lowest level of frankness showed by the girls of late adolescence stage.

4.1.1 Finding

There is significant difference in the degree of mutual frankness amongst parents and their adolescent daughters with reference to different stages of adolescence.

4.2 Hypothesis

Ho=There will be no significant difference in mutual frankness on adolescent issues among parents and daughters of early and middle adolescents.

Table no. 4.2:
Summary of T-Test For Showing Mutual Frankness Among Early And Middle Adolescence Stage

VARIABLE	N	MEAN	SD	MEAN DIFFERENCE	T	SIG.
Early adolescence	30	66.30	9.542	10.900	4.225	.01**
Middle adolescence	30	55.40	10.288			

The second objective was to study the difference between the level of frankness of adolescent girls with their parents belonging to early and middle adolescence stage. Table 4.2 indicates the f value .062 with df 1/58, which is significant at .01 level. Hence the hypothesis, "There will be no significant difference in mutual frankness on adolescent issues among parents and daughters of early and middle adolescents", is rejected.

4.2.1 Finding

There is no significant difference in the degree of mutual frankness amongst parents and their adolescent daughters with reference to early and middle adolescence stage.

4.3 Hypothesis:

Ho=There will be no significant difference in mutual frankness on adolescent issues among parents and daughters of middle and late adolescence.

TABLE NO.4.3

Summary Of T-Test For Showing Mutual Frankness Among Parents And Their Adolescent Daughters Of Middle And Late Adolescence Stage

Variable	N	Mean	SD	Mean difference	T	Sig
Middle adolescence	30	55.40	10.288	1.933	.636	.417
Late adolescence	30	53.47	13.098			

The third objective was to study the difference between the level of frankness of adolescent girls with their parents belonging to middle and late adolescence stage. Table 4.3 indicates the f value 1.103 with df 1/58, which is not significant at .005 level. Hence the hypothesis, "There will be no significant difference in mutual frankness on adolescent issues among parents and daughters of middle and late adolescents", is accepted.

4.3.1 Finding

There is no significant difference in degree of mutual frankness amongst parents and their adolescent daughters with reference to middle and late adolescence stage.

4.4 Hypothesis:

Ho=There will be no significant difference in mutual frankness on adolescent issues among parents and daughters of early and late adolescence.

TABLE NO.4.3

Summary Of T-Test For Showing Mutual Frankness Among Parents And Their
Adolescent Daughters Of Early And Late Adolescence Stage

Variable	N	Mean	SD	Mean difference	t	Sig
Early adolescence	30	66.30	9.542	12.833	4.338**	.01
Late adolescence	30	53.47	13.098			

The fourth objective was to study the difference between the level of frankness of adolescent girls with their parents belonging to early and late adolescence stage. Table 4.4 indicates the f value 4.338 with df 1/58, which is significant at .01 level. Hence the hypothesis, "There will be no significant difference in mutual frankness on adolescent issues among parents and daughters of early and late adolescents", is rejected..

4.4.1 Finding

There is significant difference in the degree of mutual frankness amongst parents and their adolescent daughters with reference to early and late adolescence.

4.5 OBJECTIVE

To study the degree of mutual frankness between parents and adolescent daughters with respect to educational background of the parents.

TABLE NO. 4.5

Summary Of Mutual Frankness Amongst Parents And Their Adolescent Daughters
With Reference To Educational Background

Education	12 th	Graduation	Post graduation
samples	31	43	16
Contribution in overall frankness	22%	38%	40%

The table shows the educational background of the parents of the adolescents daughters . The sample was divided into three different groups on the basis of the education of their fathers. And then the scores of the individual students of each group were calculated and afterwards overall contribution in the frankness was calculated for each group of students. It is clear from the table that the parents with high educational background show more frankness in discussing various adolescents' issues with their adolescents daughters.

4.6 OBJECTIVE 6

To study the degree of mutual frankness between parents and adolescent daughters with respect to the socio economic status of the parents.

TABLE NO. 4.6:

**Summary Of Frankness Of Adolescent Daughters And Parents With
Reference To Their Socio Economic Status**

OCCUPATION	LOWER MIDDLE CLASS	MIDDLE CLASS	UPPER CLASS
samples	24	43	23
Contribution in overall frankness (100 %)	27%	34%	39%

The table shows the SES background of the parents of the adolescents daughters. The sample was divided into three different groups on the basis of the SES of their family. And then the scores of the individual students of each group were calculated and afterwards overall contribution in the frankness was calculated for each group of students. It is clear from the table that the parents with high SES background show more frankness in discussing various adolescents' issues with their adolescents daughters.

4.7 OBJECTIVE 7

To study the degree of mutual frankness between parents and adolescent daughters with respect to the different adolescent issues.

TABLE NO. 4.7

Summary Of Percentage Of Frankness About Various Adolescent Issue

ISSUES	Scores out of 450 each	Contribution of % in total
Process of growing up	360	31%
Substance and drug abuse	260	22%
Awareness about HIV and AIDS	225	19%
Career and marital choices	330	28%

The table shows the percentage of various adolescents issues discussed between adolescent daughters and their parents .It is clear from the table that the issues related to the process of growing up of adolescents is mostly discussed between parents and their adolescents daughters, whereas the discussions related to HIV and AIDS is rarely held between parents and adolescent daughters.

5.0 Discussions

The results of the present study categorically indicate a significant degree of mutual frankness between the different stages of adolescence. The parents appear to be aware and showed their genuine concern towards the issues and problems of their adolescent daughters which is a positive indicators of present day living. Not only the parents even the adolescents also depends on their parents concerning their problems related to adolescent stage. However ,in some cases the adolescents are misled through their peers, unauthenticated literature and incomplete and

incorrect information therefore the parent's role is very important in adolescence. In fact all the parents do support their adolescent daughters in their own ways which is apparent from the findings that at early stage of adolescence almost all parents frankly discussed adolescent issues because by this time the parents still view their daughters as kids and failed to realize that they have entered into a different stage of adolescence. Once it becomes apparent by their growth- physical and mental the parent's role for their daughters becomes little strict due to the harsh realities of the society so the finding of the present study that" a significant difference exists in the level of frankness between early and late adolescent stage."

The present findings are supported by Poulin, Francois; Nadeau, Karine et al who concluded that the early adolescents take parents advise in adjusting with their peers. Also Steeger, Christine M.; Gondoli, Dawn M. (2013) found that the daughter mother conflict leads to deviant behaviour in late adolescents.