

REGULARITY IN SCHOOL AND COGNITIVE FUNCTIONS

List of Tables

Table 1.1	Comparative Literacy Rates of Scheduled Tribe and Total Population (in percentage)	2
Table 1.2	Vadodara District Population Facts	44
Table 1.3	Dabhoi Population Facts	45
Table 1.4	Naswadi Population Facts	46
Table 2.1	Independent, Dependent and Control Variables of the study	52
Table 2.2	Selection of Primary Schools	54
Table 2.3	Research Design	54
Table 2.4	Sample of Participants and Parents for the study	55
Table 2.5	Selection of Participants from Each Primary School	56
Table 2.6	Gender-wise Distribution of Regular and Irregular Participants	56
Table 2.7	Break-up of Research Participants	56
Table 2.8	Dimension-wise Item Distribution of Parents' Attitude Towards Education Questionnaire	66
Table 3.1.1	Distribution of Participants' Sample Based on Area, Gender and Regularity	71
Table 3.1.2	Distribution of Parents' Sample Based on Area, Gender and Regularity	71
Table 3.2.1	Descriptive Statistics for Gender and Need for Achievement	72
Table 3.2.2	Difference in Need for Achievement of Male and Female Participants	72
Table 3.2.3	Descriptive Statistics for the Area and Need for Achievement	73
Table 3.2.4	Difference in Need for Achievement for Participants Living in Tribal and Non-Tribal Areas	73
Table 3.2.5	Descriptive Statistics for Regularity and Need for Achievement	74

REGULARITY IN SCHOOL AND COGNITIVE FUNCTIONS

Table 3.2.6	Difference in Need for Achievement of Regular and Irregular Participants	74
Table 3.2.7	Descriptive Statistics of Need for Achievement in Relation to Area and Gender	75
Table 3.2.8	Difference in Gender and Area on Need for Achievement	75
Table 3.2.9	Descriptive Statistics of Need for Achievement in Relation to Regularity and Gender	76
Table 3.2.10	Difference in Gender and Regularity on Need for Achievement	76
Table 3.2.11	Descriptive statistics of Need for Achievement in Relation to Area and Regularity	77
Table 3.2.12	Difference in Area and Regularity on Need for Achievement	77
Table 3.2.13	Descriptive Statistics of Need for Achievement in Relation to Area, Gender and Regularity	78
Table 3.2.14	Difference in Area, Gender and Regularity on Need for Achievement	78
Table 3.3.1	Descriptive Statistics of Concentration in Relation to the Area, Gender and Regularity (for hypothesis $H_0 8$ to $H_0 14$)	79
Table 3.3.2	Main effect of Gender on Concentration	80
Table 3.3.3	Main effect of Area on Concentration	80
Table 3.3.4	Main effect of Regularity on Concentration	81
Table 3.3.5	Interaction Effect of Gender and Area on Concentration	81
Table 3.3.6	Interaction Effect of Gender and Regularity on Concentration	82
Table 3.3.7	Interaction Effect of Area and Regularity on Concentration	82
Table 3.3.8	Interaction Effect of Area, Gender and Regularity on Concentration	83
Table 3.4.1	Descriptive Statistics of Creativity in Relation to Area, Gender and Regularity (for hypothesis $H_0 15$ to $H_0 21$)	84
Table 3.4.2	Main effect of Gender on Creativity	85
Table 3.4.3	Main effect of Area on Creativity	85

REGULARITY IN SCHOOL AND COGNITIVE FUNCTIONS

Table 3.4.4	Main Effect of Regularity on Creativity	86
Table 3.4.5	Interaction Effect of Gender and Area on Creativity	86
Table 3.4.6	Interaction Effect of Gender and Regularity on Creativity	86
Table 3.4.7	Interaction Effect of Area and Regularity on Creativity	87
Table 3.4.8	Interaction Effect of Area, Gender and Regularity on Creativity	87
Table 3.5.1	Descriptive Statistics of Problem Solving Ability in Relation to Area, Gender and Regularity (for hypothesis H ₀₂₂ to H ₀₂₈)	88
Table 3.5.2	Main effect of Gender on Problem Solving Ability	89
Table 3.5.3	Main effect of Area on Problem Solving Ability	89
Table 3.5.4	Main effect of Regularity on Problem Solving Ability	89
Table 3.5.5	Interaction Effect of Gender and Area on Problem Solving Ability	90
Table 3.5.6	Interaction Effect of Gender and Regularity on Problem Solving Ability	90
Table 3.5.7	Interaction Effect of Area and Regularity on Problem Solving Ability	91
Table 3.5.8	Interaction Effect of Area, Gender and Regularity on Problem Solving Ability	91
Table 3.6.1	Mean Scores of Parents' Attitude Towards Education Based on Gender of Participants	92
Table 3.6.2	Independent T-test of Parents' Attitude towards Education Based on Gender of Participants	92
Table 3.6.3	Mean Scores of Parent' Attitude towards Education Based on Area of Participants	92
Table 3.6.4	Independent T-test of Parents' Attitude towards Education Based on Area of Participants	93
Table 3.6.5	Mean Scores of Parents' Attitude towards Education based on Regularity of Participants	93
Table 3.6.6	Independent T-test of Parents' Attitude towards Education Based on Regularity of Participants	94

REGULARITY IN SCHOOL AND COGNITIVE FUNCTIONS

Table 3.6.7	Correlation Analysis of Parents Attitude towards Education with the Variables in Study	94
Table 3.6.8	Regression Analysis of Parents' Attitude towards Education and Creativity	95
Table 3.6.9	Regression Analysis of Parents' Attitude towards Education and Problem Solving Ability	95