Report:

**Factors associated with the level of knowledge among parents of school-going children (N = 704)**

We fitted a linear model (estimated using ML) to predict Knowledge\_Level with Parent’s

age (years), Parent’s sex, Parent’s education level, Employment status, Family type,

Your average household income per month (BDT), Child’s sex, Child’s age (years) and

Number of children (formula: Knowledge\_Level ~ `Parent’s age (years)` + `Parent’s sex`

+ `Parent’s education level` + `Employment status` + `Family type` + `Your average

household income per month (BDT)` + `Child’s sex` + `Child’s sex` + `Child’s age

(years)` + `Number of children`). The model's explanatory power is moderate (R2 =

0.17). The model's intercept, corresponding to Parent’s age (years) = < 25, Parent’s

sex = Female, Parent’s education level = Postgraduate, Employment status = Employed,

Family type = Extended family, Your average household income per month (BDT) = High

(greater than 50000 BDT), Child’s sex = Female, Child’s age (years) = < 5 and Number

of children = >= 3, is at 0.75 (95% CI [0.36, 1.15], t(685) = 3.75, p < .001). Within

this model:

- The effect of Parent’s age (years) [> 45] is statistically significant and positive

(beta = 0.43, 95% CI [0.09, 0.77], t(685) = 2.47, p = 0.014; Std. beta = 0.77, 95% CI

[0.16, 1.38])

- The effect of Parent’s age (years) [25–35] is statistically significant and positive

(beta = 0.44, 95% CI [0.14, 0.73], t(685) = 2.90, p = 0.004; Std. beta = 0.78, 95% CI

[0.25, 1.30])

- The effect of Parent’s age (years) [36–45] is statistically significant and positive

(beta = 0.48, 95% CI [0.18, 0.78], t(685) = 3.13, p = 0.002; Std. beta = 0.86, 95% CI

[0.32, 1.40])

- The effect of Parent’s sex [Male] is statistically non-significant and negative

(beta = -0.07, 95% CI [-0.22, 0.08], t(685) = -0.93, p = 0.355; Std. beta = -0.13, 95%

CI [-0.40, 0.14])

- The effect of Parent’s education level [Primary] is statistically significant and

negative (beta = -0.46, 95% CI [-0.66, -0.27], t(685) = -4.68, p < .001; Std. beta =

-0.83, 95% CI [-1.18, -0.48])

- The effect of Parent’s education level [Secondary] is statistically significant and

negative (beta = -0.23, 95% CI [-0.33, -0.14], t(685) = -4.66, p < .001; Std. beta =

-0.42, 95% CI [-0.60, -0.24])

- The effect of Parent’s education level [Undergraduate] is statistically

non-significant and negative (beta = -0.10, 95% CI [-0.23, 0.02], t(685) = -1.58, p =

0.114; Std. beta = -0.18, 95% CI [-0.40, 0.04])

- The effect of Employment status [Not employed] is statistically significant and

negative (beta = -0.29, 95% CI [-0.44, -0.13], t(685) = -3.56, p < .001; Std. beta =

-0.51, 95% CI [-0.79, -0.23])

- The effect of Employment status [Self employed] is statistically non-significant and

positive (beta = 0.06, 95% CI [-0.09, 0.20], t(685) = 0.75, p = 0.454; Std. beta =

0.10, 95% CI [-0.16, 0.36])

- The effect of Family type [Nuclear family] is statistically non-significant and

negative (beta = -5.42e-04, 95% CI [-0.10, 0.10], t(685) = -0.01, p = 0.992; Std. beta

= -9.68e-04, 95% CI [-0.18, 0.18])

- The effect of Family type [Single parent family] is statistically non-significant

and positive (beta = 0.06, 95% CI [-0.06, 0.17], t(685) = 0.94, p = 0.348; Std. beta =

0.10, 95% CI [-0.11, 0.31])

- The effect of Your average household income per month (BDT) [Low (less than 30000

BDT)] is statistically significant and negative (beta = -0.21, 95% CI [-0.34, -0.09],

t(685) = -3.38, p < .001; Std. beta = -0.38, 95% CI [-0.61, -0.16])

- The effect of Your average household income per month (BDT) [Middle (less than 50000

BDT)] is statistically significant and negative (beta = -0.12, 95% CI [-0.22, -0.02],

t(685) = -2.32, p = 0.020; Std. beta = -0.22, 95% CI [-0.40, -0.03])

- The effect of Child’s sex [Male] is statistically non-significant and positive (beta

= 0.02, 95% CI [-0.05, 0.10], t(685) = 0.58, p = 0.562; Std. beta = 0.04, 95% CI

[-0.10, 0.18])

- The effect of Child’s age (years) [> 10] is statistically significant and negative

(beta = -0.23, 95% CI [-0.41, -0.04], t(685) = -2.42, p = 0.016; Std. beta = -0.41,

95% CI [-0.74, -0.08])

- The effect of Child’s age (years) [5–9] is statistically significant and negative

(beta = -0.25, 95% CI [-0.43, -0.08], t(685) = -2.78, p = 0.005; Std. beta = -0.45,

95% CI [-0.77, -0.13])

- The effect of Number of children [1] is statistically non-significant and positive

(beta = 6.27e-03, 95% CI [-0.13, 0.14], t(685) = 0.09, p = 0.927; Std. beta = 0.01,

95% CI [-0.23, 0.25])

- The effect of Number of children [2] is statistically non-significant and positive

(beta = 0.02, 95% CI [-0.09, 0.13], t(685) = 0.34, p = 0.731; Std. beta = 0.04, 95% CI

[-0.17, 0.24])

Standardized parameters were obtained by fitting the model on a standardized version

of the dataset. 95% Confidence Intervals (CIs) and p-values were computed using a Wald

t-distribution approximation.