Table 6. Factors associated with the level of practices regarding antibiotic resistance among parents of school-going children (N= 704).OR odd ratio, CI confidence interval.\*p value< 0.05 was considered statistically significant. Significant values are in bold.

| **Characteristic** | **OR***1* | **95% CI***1* | **p-value** |
| --- | --- | --- | --- |
| Parent’s age (years) |  |  |  |
| < 25 | — | — |  |
| > 45 | 0.29 | 0.04, 1.42 | 0.2 |
| 25–35 | 0.30 | 0.04, 1.21 | 0.13 |
| 36–45 | 0.32 | 0.05, 1.34 | 0.2 |
| Parent’s sex |  |  |  |
| Female | — | — |  |
| Male | 1.09 | 0.58, 2.03 | 0.8 |
| Parent’s education level |  |  |  |
| Postgraduate | — | — |  |
| Primary | 0.77 | 0.34, 1.83 | 0.5 |
| Secondary | 0.62 | 0.41, 0.95 | **0.029** |
| Undergraduate | 0.84 | 0.50, 1.43 | 0.5 |
| Employment status |  |  |  |
| Employed | — | — |  |
| Not employed | 2.65 | 1.39, 5.10 | **0.003** |
| Self employed | 1.86 | 1.03, 3.38 | **0.040** |
| Family type |  |  |  |
| Extended family | — | — |  |
| Nuclear family | 0.63 | 0.41, 0.96 | **0.035** |
| Single parent family | 0.59 | 0.36, 0.95 | **0.032** |
| Your average household income per month (BDT) |  |  |  |
| High (greater than 50000 BDT) | — | — |  |
| Low (less than 30000 BDT) | 1.64 | 0.98, 2.76 | 0.061 |
| Middle (less than 50000 BDT) | 1.60 | 1.05, 2.44 | **0.030** |
| Child’s sex |  |  |  |
| Female | — | — |  |
| Male | 0.92 | 0.67, 1.28 | 0.6 |
| Child’s age (years) |  |  |  |
| < 5 | — | — |  |
| > 10 | 0.72 | 0.32, 1.57 | 0.4 |
| 5–9 | 0.84 | 0.38, 1.80 | 0.7 |
| Number of children |  |  |  |
| >= 3 | — | — |  |
| 1 | 1.10 | 0.63, 1.92 | 0.7 |
| 2 | 0.97 | 0.61, 1.55 | >0.9 |
| Knowledge\_Level |  |  |  |
| Good | — | — |  |
| Moderate | 1.20 | 0.46, 3.15 | 0.7 |
| Poor | 1.21 | 0.45, 3.26 | 0.7 |
| Attitude\_Level |  |  |  |
| Negative | — | — |  |
| Positive | 0.35 | 0.21, 0.58 | **<0.001** |
| Uncertain | 0.77 | 0.48, 1.21 | 0.3 |
| *1*OR = Odds Ratio, CI = Confidence Interval | | | |