| **Characteristic** | **OR** | **95% CI** | ***p-value*** |
| --- | --- | --- | --- |
| Parent’s age (years) | | | |
| < 25 | — | — |  |
| > 45 | 6.81 | 1.60, 47.2 | **0.020** |
| 25–35 | 3.00 | 0.79, 19.6 | 0.2 |
| 36–45 | 2.75 | 0.72, 18.0 | 0.2 |
| Parent’s sex | | | |
| Female | — | — |  |
| Male | 0.95 | 0.65, 1.38 | 0.8 |
| Parents’ education level | | | |
| Postgraduate | — | — |  |
| Primary | 0.47 | 0.19, 1.04 | 0.077 |
| Secondary | 0.80 | 0.55, 1.16 | 0.2 |
| Undergraduate | 1.08 | 0.67, 1.75 | 0.8 |
| Employment status | | | |
| Employed | — | — |  |
| Not employed | 0.94 | 0.60, 1.48 | 0.8 |
| Self employed | 0.68 | 0.37, 1.22 | 0.2 |
| Family type | | | |
| Extended family | — | — |  |
| Nuclear family | 0.80 | 0.54, 1.19 | 0.3 |
| Single-parent family | 0.73 | 0.47, 1.15 | 0.2 |
| Your average household income per month (BDT) | | | |
| High (greater than 50000 BDT) | — | — |  |
| Low (less than 30000 BDT) | 0.33 | 0.20, 0.52 | **<0.001** |
| Middle (less than 50000 BDT) | 0.31 | 0.21, 0.47 | **<0.001** |
| Child’s sex | | | |
| Female | — | — |  |
| Male | 0.75 | 0.55, 1.02 | 0.072 |
| Child’s age (years) | | | |
| < 5 | — | — |  |
| > 10 | 1.51 | 0.74, 3.29 | 0.3 |
| 5–9 | 1.17 | 0.57, 2.55 | 0.7 |
| Number of children | | | |
| >= 3 | — | — |  |
| 1 | 0.95 | 0.58, 1.58 | 0.8 |
| 2 | 0.88 | 0.57, 1.39 | 0.6 |
| Knowledge\_Level | | | |
| Good | — | — |  |
| Moderate | 0.97 | 0.63, 1.49 | 0.9 |
| Poor | 0.67 | 0.43, 1.05 | 0.077 |
| Attitude\_Level | | | |
| Negative | — | — |  |
| Positive | 9.49 | 5.19, 18.7 | **<0.001** |
| Uncertain | 4.44 | 2.49, 8.57 | **<0.001** |
| Abbreviations: CI = Confidence Interval, OR = Odds Ratio | | | | |

Table 6 Factors associated with the level of practices regarding antibiotic resistance among parents of school-going children (N = 704).