| **Characteristic** | **OR***1* | **95% CI***1* | **p-value** |
| --- | --- | --- | --- |
| **Parent’s age (years)** |  |  | **0.005** |
| < 25 | — | — |  |
| > 45 | 0.06 | 0.01, 0.28 |  |
| 25–35 | 0.18 | 0.05, 0.59 |  |
| 36–45 | 0.17 | 0.05, 0.59 |  |
| **Parent’s sex** |  |  | **0.029** |
| Female | — | — |  |
| Male | 2.37 | 1.09, 5.32 |  |
| **Parent’s education level** |  |  | **0.024** |
| Postgraduate | — | — |  |
| Primary | 1.45 | 0.57, 3.63 |  |
| Secondary | 0.56 | 0.35, 0.89 |  |
| Undergraduate | 0.70 | 0.39, 1.26 |  |
| **Employment status** |  |  | **0.006** |
| Employed | — | — |  |
| Not employed | 4.01 | 1.68, 10.3 |  |
| Self employed | 2.03 | 0.96, 4.46 |  |
| **Family type** |  |  | **0.007** |
| Extended family | — | — |  |
| Nuclear family | 0.47 | 0.29, 0.76 |  |
| Single parent family | 0.46 | 0.26, 0.80 |  |
| **Your average household income per month (BDT)** |  |  | 0.2 |
| High (greater than 50000 BDT) | — | — |  |
| Low (less than 30000 BDT) | 1.34 | 0.72, 2.53 |  |
| Middle (less than 50000 BDT) | 1.58 | 0.96, 2.67 |  |
| **Child’s sex** |  |  | 0.3 |
| Female | — | — |  |
| Male | 0.83 | 0.57, 1.20 |  |
| **Child’s age (years)** |  |  | >0.9 |
| < 5 | — | — |  |
| > 10 | 1.11 | 0.48, 2.69 |  |
| 5–9 | 1.05 | 0.47, 2.47 |  |
| **Number of children** |  |  | 0.2 |
| >= 3 | — | — |  |
| 1 | 1.41 | 0.71, 2.90 |  |
| 2 | 1.68 | 0.93, 3.16 |  |
| **Who is the leading child caregiver at home?** |  |  | 0.14 |
| Father | — | — |  |
| Grandmother | 0.13 | 0.01, 0.88 |  |
| Mother | 0.56 | 0.29, 1.08 |  |
| Others | 0.73 | 0.03, 6.90 |  |
| **Are grandparents at home involved in treatment decisions when your child is ill?** |  |  | **0.022** |
| Always | — | — |  |
| Never | 2.24 | 0.89, 6.92 |  |
| Often | 0.82 | 0.23, 3.15 |  |
| Sometimes | 2.63 | 0.99, 8.40 |  |
| **Knowledge\_Status** |  |  | **0.007** |
| good | — | — |  |
| moderate | 0.45 | 0.17, 1.21 |  |
| poor | 0.28 | 0.10, 0.75 |  |
| **Attitude\_Status** |  |  | **<0.001** |
| negtive | — | — |  |
| positive | 2.22 | 0.61, 7.47 |  |
| uncertain | 2.98 | 1.90, 4.69 |  |
| *1*OR = Odds Ratio, CI = Confidence Interval. \**p* value ˂ 0.05 was considered statistically significant. Significant values are in bold.  **Table 6** Factors associated with the level of practices regarding antibiotic resistance among parents of school-going children (N = 704). | | | |
|  | | | |