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

| **Characteristic** | **exp(Beta)** | **95% CI***1* | **p-value** |
| --- | --- | --- | --- |
| Parent’s age (years) |  |  |  |
| < 25 | — | — |  |
| > 45 | 6.02 | 1.38, 26.1 | **0.017** |
| 25–35 | 5.44 | 1.54, 19.2 | **0.009** |
| 36–45 | 6.61 | 1.80, 24.2 | **0.005** |
| Parent’s sex |  |  |  |
| Female | — | — |  |
| Male | 0.68 | 0.35, 1.31 | 0.2 |
| Parent’s education level |  |  |  |
| Postgraduate | — | — |  |
| Primary | 0.08 | 0.03, 0.18 | **<0.001** |
| Secondary | 0.32 | 0.21, 0.49 | **<0.001** |
| Undergraduate | 0.64 | 0.37, 1.10 | 0.10 |
| Employment status |  |  |  |
| Employed | — | — |  |
| Not employed | 0.30 | 0.16, 0.60 | **<0.001** |
| Self employed | 1.20 | 0.64, 2.25 | 0.6 |
| Family type |  |  |  |
| Extended family | — | — |  |
| Nuclear family | 0.94 | 0.61, 1.45 | 0.8 |
| Single parent family | 0.99 | 0.60, 1.62 | >0.9 |
| Your average household income per month (BDT) |  |  |  |
| High (greater than 50000 BDT) | — | — |  |
| Low (less than 30000 BDT) | 0.33 | 0.19, 0.57 | **<0.001** |
| Middle (less than 50000 BDT) | 0.56 | 0.36, 0.87 | **0.009** |
| Child’s sex |  |  |  |
| Female | — | — |  |
| Male | 1.11 | 0.80, 1.55 | 0.5 |
| Child’s age (years) |  |  |  |
| < 5 | — | — |  |
| > 10 | 0.43 | 0.20, 0.96 | **0.039** |
| 5–9 | 0.40 | 0.19, 0.87 | **0.021** |
| Number of children |  |  |  |
| >= 3 | — | — |  |
| 1 | 1.10 | 0.62, 1.96 | 0.7 |
| 2 | 1.17 | 0.72, 1.91 | 0.5 |
| *1*CI = Confidence Interval | | | |