Table 5 Factors associated with the level of attitudes towards antibiotic resistance among parents of school-going children (N = 704).

| **Characteristic** | **N** | **OR***1* | **95% CI***1* | **p-value** |
| --- | --- | --- | --- | --- |
| Parent’s age (years) | 704 |  |  |  |
| < 25 |  | — | — |  |
| > 45 |  | 2.67 | 0.32, 18.1 | 0.3 |
| 25–35 |  | 5.09 | 0.74, 21.6 | **0.047** |
| 36–45 |  | 2.85 | 0.42, 11.8 | 0.2 |
| Parent’s sex | 704 |  |  |  |
| Female |  | — | — |  |
| Male |  | 1.64 | 0.68, 4.90 | 0.3 |
| Parent’s education level | 704 |  |  |  |
| Postgraduate |  | — | — |  |
| Primary |  | 0.28 | 0.07, 1.13 | 0.056 |
| Secondary |  | 0.61 | 0.22, 1.45 | 0.3 |
| Undergraduate |  | 1.30 | 0.34, 6.27 | 0.7 |
| Employment status | 704 |  |  |  |
| Employed |  | — | — |  |
| Not employed |  | 0.60 | 0.14, 1.74 | 0.4 |
| Self employed |  | 0.66 | 0.13, 2.76 | 0.6 |
| Family type | 704 |  |  |  |
| Extended family |  | — | — |  |
| Nuclear family |  | 0.45 | 0.13, 1.19 | 0.14 |
| Single parent family |  | 0.62 | 0.16, 2.01 | 0.4 |
| Your average household income per month (BDT) | 704 |  |  |  |
| High (greater than 50000 BDT) |  | — | — |  |
| Low (less than 30000 BDT) |  | 0.56 | 0.15, 1.83 | 0.4 |
| Middle (less than 50000 BDT) |  | 0.52 | 0.15, 1.38 | 0.2 |
| Child’s sex | 704 |  |  |  |
| Female |  | — | — |  |
| Male |  | 0.85 | 0.42, 1.71 | 0.6 |
| Number of children | 704 |  |  |  |
| >= 3 |  | — | — |  |
| 1 |  | 1.14 | 0.43, 2.85 | 0.8 |
| 2 |  | 2.44 | 0.95, 5.87 | 0.051 |
| Antibiotic kills the bacteria(Yes) | 704 | 1.04 | 0.98, 1.10 | 0.2 |
| *1*OR = Odds Ratio, CI = Confidence Interval | | | | |