Table 5Factors associated with the level of attitudes towards antibiotic resistance among parents of school going children (N = 704). OR odds ratio, CI confidence interval. \*p-value ˂ 0.05 was considered statistically significant. Significant values are in bold,

| **Characteristic** | **N** | **OR***1* | **95% CI***1* | **p-value** |
| --- | --- | --- | --- | --- |
| Parent’s age (years) | 704 |  |  | 0.66 |
| < 25 |  | — | — |  |
| > 45 |  | 1.61 | 0.35, 11.5 |  |
| 25–35 |  | 2.11 | 0.54, 13.9 |  |
| 36–45 |  | 2.01 | 0.51, 13.3 |  |
| Parent’s sex | 704 |  |  | 0.33 |
| Female |  | — | — |  |
| Male |  | 0.82 | 0.55, 1.21 |  |
| Parent’s education level | 704 |  |  | **<0.001** |
| Postgraduate |  | — | — |  |
| Primary |  | 4.84 | 2.29, 10.2 |  |
| Secondary |  | 2.81 | 1.82, 4.44 |  |
| Undergraduate |  | 1.41 | 0.78, 2.53 |  |
| Employment status | 704 |  |  | 0.31 |
| Employed |  | — | — |  |
| Not employed |  | 1.12 | 0.70, 1.86 |  |
| Self employed |  | 1.52 | 0.84, 2.77 |  |
| Family type | 704 |  |  | **<0.001** |
| Extended family |  | — | — |  |
| Nuclear family |  | 2.38 | 1.52, 3.83 |  |
| Single parent family |  | 1.74 | 1.04, 2.96 |  |
| Your average household income per month (BDT) | 704 |  |  | **<0.001** |
| High (greater than 50000 BDT) |  | — | — |  |
| Low (less than 30000 BDT) |  | 3.07 | 1.84, 5.27 |  |
| Middle (less than 50000 BDT) |  | 1.86 | 1.17, 3.04 |  |
| Child’s sex | 704 |  |  | 0.78 |
| Female |  | — | — |  |
| Male |  | 1.05 | 0.76, 1.44 |  |
| Child’s age (years) | 703 |  |  | 0.24 |
| < 5 |  | — | — |  |
| > 10 |  | 1.04 | 0.50, 2.32 |  |
| 5–9 |  | 1.36 | 0.66, 3.02 |  |
| Number of children | 704 |  |  | 0.25 |
| >= 3 |  | — | — |  |
| 1 |  | 1.41 | 0.84, 2.40 |  |
| 2 |  | 1.05 | 0.66, 1.70 |  |
| *1*OR = Odds Ratio, CI = Confidence Interval | | | | |