Table 6. Factors associated with the level of practices regarding 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 |  |  |  |
| < 25 |  | — | — |  |
| > 45 |  | 0.90 | 0.22, 4.57 | 0.9 |
| 25–35 |  | 0.51 | 0.15, 2.33 | 0.3 |
| 36–45 |  | 1.05 | 0.31, 4.79 | >0.9 |
| Parent’s sex | 704 |  |  |  |
| Female |  | — | — |  |
| Male |  | 1.41 | 0.90, 2.17 | 0.13 |
| Parent’s education level | 704 |  |  |  |
| Postgraduate |  | — | — |  |
| Primary |  | 8.31 | 3.45, 20.4 | <0.001 |
| Secondary |  | 3.21 | 1.79, 6.20 | <0.001 |
| Undergraduate |  | 3.01 | 1.47, 6.42 | 0.003 |
| Employment status | 704 |  |  |  |
| Employed |  | — | — |  |
| Not employed |  | 0.68 | 0.40, 1.18 | 0.2 |
| Self employed |  | 1.09 | 0.56, 2.12 | 0.8 |
| Family type | 704 |  |  |  |
| Extended family |  | — | — |  |
| Nuclear family |  | 5.07 | 2.53, 11.6 | <0.001 |
| Single parent family |  | 4.05 | 1.91, 9.68 | <0.001 |
| Your average household income per month (BDT) | 704 |  |  |  |
| High (greater than 50000 BDT) |  | — | — |  |
| Low (less than 30000 BDT) |  | 3.02 | 1.57, 6.14 | 0.001 |
| Middle (less than 50000 BDT) |  | 2.24 | 1.24, 4.35 | 0.011 |
| Child’s sex | 704 |  |  |  |
| Female |  | — | — |  |
| Male |  | 1.14 | 0.77, 1.67 | 0.5 |
| Child’s age (years) | 703 |  |  |  |
| < 5 |  | — | — |  |
| > 10 |  | 0.67 | 0.30, 1.66 | 0.4 |
| 5–9 |  | 0.90 | 0.41, 2.18 | 0.8 |
| Number of children | 704 |  |  |  |
| >= 3 |  | — | — |  |
| 1 |  | 0.65 | 0.36, 1.19 | 0.2 |
| 2 |  | 0.65 | 0.39, 1.10 | 0.10 |
| *1*OR = Odds Ratio, CI = Confidence Interval | | | | |