**Table 3 Association of awareness of folic acid with selected demographic and obstetric characteristics**

| Variable | Bivariate analysis | | Multivariable analysis | |
|---|---|---|---|---|
| | OR (95%CI) | P-value | OR (95%CI) | P-value |
| *Age (years)* | | | | |
| < 18[a] | | | | |
| 18– | 1.24 (0.27–5.62) | 0.779 | 0.45 (0.08–2.44) | 0.35 |
| 31– | 1.55 (0.34–7.12) | 0.572 | 0.85 (0.41–1.77) | 0.66 |
| ≥ 41 | 2.29 (0.46–11.36) | 0.312 | 0.97 (0.47–1.99) | 0.93 |
| *Residence* | | | | |
| Rural[a] | | | | |
| Urban | 2.17 (1.57–2.99) | < 0.001 | 2.17 (1.51–3.21) | < 0.001 |
| *Education* | | | | |
| Illiterate[a] | | | | |
| Primary | 1.097 (0.71–1.7) | 0.676 | 1.9 (0.89–4.08) | 0.096 |
| Secondary | 0.667 (0.42–1.05) | 0.082 | 1.8 (0.87–3.84) | 0.113 |
| Higher secondary | 0.656 (0.38–1.12) | 0.125 | 1.1 (0.54–2.44) | 0.725 |
| University and above | 0.45 (0.22–0.94) | 0.032 | 1.1 (0.49–2.48) | 0.806 |
| *Occupation* | | | | |
| Employee[a] | | | | |
| Housewife | 0.32 (0.14–0.75) | 0.009 | 1.61 (0.20–13.22) | 0.660 |
| Labourer | 0.83 (0.34–2.04) | 0.688 | 0.71 (0.07–6.85) | 0.768 |
| Self-employed business woman | 0.45 (0.06–0.55) | 0.446 | 1.23 (0.12–12.40) | 0.862 |
| *Parity* | | | | |
| 1[a] | | | | |
| 1– | 0.79 (0.50–1.25) | 0.306 | 0.88 (0.53–1.45) | 0.609 |
| ≥5 | 1.51 (1.01–2.28) | 0.047 | 0.63 (0.34–1.17) | 0.142 |
| *Prior abortion* | | | | |
| Yes[a] | | | | |
| No | 1.02 (0.71–1.46) | 0.902 | 1.01 (0.69–0.49) | 0.951 |
| Antenatal care (at least one visit) | | | | |
| No[a] | | | | |
| Yes | 2.30 (1.46–3.78) | < 0.001 | 2.20 (1.27–3.96) | 0.005 |
| *Antenatal care entry* | | | | |
| Not used[a] | | | | |
| 1st trimester | 0.44 (0.27–0.73) | 0.001 | 0.58 (33–1.02) | 0.059 |
| 2nd trimester | 1.16 (0.67–2.00) | 0.596 | 1.35 (0.73–2.49) | 0.341 |
| 3rd trimester | 1.32 (0.70–2.47) | 0.392 | 1.75 (0.88–3.48) | 0.114 |
| *Booked* | | | | |
| Yes[a] | | | | |
| No | 1.50 (1.04–2.08) | 0.030 | 0.85 (0.56–1.29) | 0.449 |

[a]Reference category.
OR = odd ratios; CI = confidence interval.