Table 1: Logistic Regression Results, family planning context

Crude and adjusted Odds Ratios for ever usage of contraceptives

| Outcome: ever usage of contraceptives |  | No | Yes | CORs (95% CI) | AORs (95% CI) |
| --- | --- | --- | --- | --- | --- |
| Age category | 15-17 | 17 (81.0) | 4 (19.0) | - | - |
|  | 18-24 | 79 (45.7) | 94 (54.3) | 5.06 (1.79-18.12, p=0.005) | 1.82 (0.49-7.95, p=0.390) |
|  | 25-29 | 25 (35.2) | 46 (64.8) | 7.82 (2.57-29.51, p=0.001) | 3.56 (0.85-17.37, p=0.094) |
|  | 30-39 | 34 (36.6) | 59 (63.4) | 7.37 (2.49-27.26, p=0.001) | 5.00 (1.14-25.43, p=0.040)\* |
|  | 40-49 | 21 (50.0) | 21 (50.0) | 4.25 (1.31-16.72, p=0.023) | 3.32 (0.68-18.47, p=0.149) |
| Parity | Nulliparious | 22 (56.4) | 17 (43.6) | - | - |
|  | 1-2 children | 68 (41.0) | 98 (59.0) | 1.87 (0.93-3.82, p=0.083) | 2.06 (0.82-5.27, p=0.126) |
|  | 3-4 children | 31 (39.2) | 48 (60.8) | 2.00 (0.93-4.41, p=0.080) | 2.86 (0.94-8.88, p=0.066) |
|  | 5-6 children | 21 (37.5) | 35 (62.5) | 2.16 (0.94-5.03, p=0.070) | 1.67 (0.48-5.92, p=0.425) |
|  | 7 or more children | 35 (57.4) | 26 (42.6) | 0.96 (0.43-2.18, p=0.924) | 1.05 (0.28-3.91, p=0.939) |
| Marital status | Currently married | 153 (45.5) | 183 (54.5) | - | - |
|  | Currently not married | 24 (36.9) | 41 (63.1) | 1.43 (0.83-2.50, p=0.202) | 1.05 (0.50-2.24, p=0.898) |
| Lifestyle | Nomadic | 80 (58.4) | 57 (41.6) | - | - |
|  | Sedentary | 97 (36.7) | 167 (63.3) | 2.42 (1.59-3.70, p<0.001) | 1.77 (1.06-2.95, p=0.030)\* |
| Education level | No education | 109 (56.5) | 84 (43.5) | - | - |
|  | Primary education | 38 (36.9) | 65 (63.1) | 2.22 (1.36-3.65, p=0.001) | 1.88 (1.00-3.60, p=0.053) |
|  | Sec education or higher | 30 (28.6) | 75 (71.4) | 3.24 (1.96-5.46, p<0.001) | 2.50 (1.14-5.61, p=0.024)\* |
| Economic status | Low | 148 (45.5) | 177 (54.5) | - | - |
|  | Medium | 26 (35.6) | 47 (64.4) | 1.51 (0.90-2.59, p=0.124) | 0.98 (0.51-1.89, p=0.952) |
| Knowledge of contraceptive methods | High knowledge | 7 (20.0) | 28 (80.0) | - | - |
|  | Low knowledge | 110 (55.6) | 88 (44.4) | 0.20 (0.08-0.46, p<0.001) | 0.37 (0.12-1.03, p=0.069) |
|  | Moderate knowledge | 60 (35.7) | 108 (64.3) | 0.45 (0.17-1.04, p=0.077) | 0.58 (0.19-1.57, p=0.310) |
| Fear of side effects | High fear | 79 (43.4) | 103 (56.6) | - | - |
|  | Low fear | 49 (47.1) | 55 (52.9) | 0.86 (0.53-1.40, p=0.544) | 0.66 (0.37-1.17, p=0.157) |
|  | Moderate fear | 49 (42.6) | 66 (57.4) | 1.03 (0.65-1.66, p=0.892) | 1.08 (0.61-1.94, p=0.787) |
| Contraceptive use approval | High approval | 119 (39.1) | 185 (60.9) | - | - |
|  | Low approval | 26 (78.8) | 7 (21.2) | 0.17 (0.07-0.39, p<0.001) | 0.33 (0.11-0.90, p=0.035)\* |
|  | Medium approval | 32 (50.0) | 32 (50.0) | 0.64 (0.37-1.11, p=0.110) | 1.12 (0.59-2.16, p=0.730) |
| Contraceptive use agency | High agency | 54 (32.9) | 110 (67.1) | - | - |
|  | Low agency | 54 (65.9) | 28 (34.1) | 0.25 (0.14-0.44, p<0.001) | 0.56 (0.28-1.15, p=0.116) |
|  | Medium agency | 69 (44.5) | 86 (55.5) | 0.61 (0.39-0.96, p=0.034) | 0.78 (0.45-1.34, p=0.364) |
| Decision maker | Husband or someone else | 63 (66.3) | 32 (33.7) | - | - |
|  | Respondent | 111 (36.9) | 190 (63.1) | 3.37 (2.09-5.53, p<0.001) | 2.66 (1.50-4.77, p=0.001)\* |
| Model AIC: 485.64 | | | | | |
| Adjusted McFadden R²: 0.181 | | | | | |
| *AORs* adjusted odds ratio, *CI* confidence interval, *CORs* crude odds ratio, *AIC* Akaike Information Criterion | | | | | |