Table 1: Logistic Regression Results, medical context

Crude and adjusted Odds Ratios for intentions to use contraceptives alongside medical treatment

| Outcome: intentions to use contraceptive for medical reasons |  | No intentions | Some intentions | CORs (95% CI) | AORs (95% CI) |
| --- | --- | --- | --- | --- | --- |
| Age category | 15-17 | 4 (19.0) | 17 (81.0) | - | - |
|  | 18-24 | 28 (16.2) | 145 (83.8) | 1.22 (0.33-3.59, p=0.739) | 0.87 (0.17-3.78, p=0.856) |
|  | 25-29 | 7 (10.0) | 63 (90.0) | 2.12 (0.51-7.90, p=0.273) | 0.29 (0.04-1.71, p=0.180) |
|  | 30-39 | 14 (15.1) | 79 (84.9) | 1.33 (0.34-4.26, p=0.651) | 0.15 (0.02-1.02, p=0.059) |
|  | 40-49 | 5 (11.9) | 37 (88.1) | 1.74 (0.39-7.40, p=0.449) | 0.27 (0.03-2.30, p=0.232) |
| Parity | Nulliparious | 11 (28.2) | 28 (71.8) | - | - |
|  | 1-2 children | 26 (15.8) | 139 (84.2) | 2.10 (0.91-4.67, p=0.074) | 2.01 (0.63-6.33, p=0.231) |
|  | 3-4 children | 12 (15.2) | 67 (84.8) | 2.19 (0.86-5.60, p=0.098) | 3.27 (0.77-14.16, p=0.108) |
|  | 5-6 children | 1 (1.8) | 55 (98.2) | 21.61 (3.91-405.00, p=0.004) | 30.47 (3.46-701.63, p=0.006)\* |
|  | 7 or more children | 9 (14.8) | 52 (85.2) | 2.27 (0.84-6.27, p=0.106) | 4.14 (0.63-27.42, p=0.138) |
| Marital status | Currently married | 46 (13.7) | 289 (86.3) | - | - |
|  | Currently not married | 13 (20.0) | 52 (80.0) | 0.64 (0.33-1.30, p=0.195) | 0.54 (0.18-1.62, p=0.266) |
| Lifestyle | Nomadic | 19 (13.9) | 118 (86.1) | - | - |
|  | Sedentary | 40 (15.2) | 223 (84.8) | 0.90 (0.49-1.60, p=0.720) | 0.56 (0.24-1.27, p=0.174) |
| Education level | No education | 29 (15.0) | 164 (85.0) | - | - |
|  | Primary education | 13 (12.6) | 90 (87.4) | 1.22 (0.62-2.54, p=0.573) | 0.83 (0.30-2.30, p=0.717) |
|  | Sec education or higher | 17 (16.3) | 87 (83.7) | 0.90 (0.48-1.77, p=0.764) | 0.48 (0.14-1.63, p=0.237) |
| Economic status | Low | 43 (13.3) | 281 (86.7) | - | - |
|  | Medium | 16 (21.9) | 57 (78.1) | 0.55 (0.29-1.06, p=0.063) | 0.42 (0.17-1.07, p=0.064) |
| Knowledge of Kala-azar | Complete knowledge | 17 (12.7) | 117 (87.3) | - | - |
|  | Knowledge of symptoms | 18 (13.2) | 118 (86.8) | 0.95 (0.46-1.94, p=0.893) | 2.58 (0.96-7.25, p=0.064) |
|  | Knowledge of transmission | 1 (8.3) | 11 (91.7) | 1.60 (0.28-30.13, p=0.663) | 2.95 (0.39-63.18, p=0.365) |
|  | No knowledge | 23 (19.5) | 95 (80.5) | 0.60 (0.30-1.18, p=0.143) | 1.47 (0.56-3.90, p=0.431) |
| Feared treatment-related consequences | No/Low concerns | 53 (18.7) | 231 (81.3) | - | - |
|  | Moderate/high concerns | 6 (5.2) | 110 (94.8) | 4.21 (1.89-11.20, p=0.001) | 7.32 (2.36-28.23, p=0.001)\* |
| Ever usage of contraceptives | No | 38 (21.5) | 139 (78.5) | - | - |
|  | Yes | 21 (9.4) | 202 (90.6) | 2.63 (1.49-4.74, p=0.001) | 2.50 (1.08-5.92, p=0.034)\* |
| Knowledge of contraceptive methods | High knowledge | 3 (8.6) | 32 (91.4) | - | - |
|  | Low knowledge | 35 (17.7) | 163 (82.3) | 0.44 (0.10-1.31, p=0.190) | 0.49 (0.08-2.26, p=0.391) |
|  | Moderate knowledge | 21 (12.6) | 146 (87.4) | 0.65 (0.15-2.04, p=0.508) | 0.73 (0.13-3.23, p=0.696) |
| Fear of side effects | High fear | 32 (17.6) | 150 (82.4) | - | - |
|  | Low fear | 16 (15.4) | 88 (84.6) | 1.17 (0.62-2.31, p=0.633) | 2.48 (1.05-6.26, p=0.045)\* |
|  | Moderate fear | 11 (9.6) | 103 (90.4) | 2.00 (0.99-4.31, p=0.063) | 2.82 (1.14-7.49, p=0.030)\* |
| Contraceptive use approval | High approval | 29 (9.6) | 274 (90.4) | - | - |
|  | Low approval | 16 (48.5) | 17 (51.5) | 0.11 (0.05-0.25, p<0.001) | 0.10 (0.03-0.29, p<0.001)\* |
|  | Medium approval | 14 (21.9) | 50 (78.1) | 0.38 (0.19-0.78, p=0.007) | 0.29 (0.12-0.70, p=0.006)\* |
| Contraceptive use agency | High agency | 14 (7.3) | 177 (92.7) | - | - |
|  | Low agency | 16 (40.0) | 24 (60.0) | 0.12 (0.05-0.27, p<0.001) | 0.23 (0.07-0.75, p=0.015)\* |
|  | Medium agency | 29 (17.2) | 140 (82.8) | 0.38 (0.19-0.74, p=0.005) | 0.34 (0.13-0.80, p=0.016)\* |
| Decision maker | Husband or someone else | 17 (17.9) | 78 (82.1) | - | - |
|  | Respondent | 41 (13.7) | 259 (86.3) | 1.38 (0.73-2.52, p=0.312) | 1.41 (0.59-3.34, p=0.432) |
| Model AIC: 278.92 | | | | | |
| Adjusted McFadden R²: 0.314 | | | | | |
| *AORs* adjusted odds ratio, *CI* confidence interval, *CORs* crude odds ratio | | | | | |