Table 1: Logistic Regression Results, medical context

Crude and adjusted Odds Ratios for intentions to use contraceptives during clinical trials

| Outcome: intentions to use contraceptives during clinical trials |  | No intentions | Some intentions | CORs (95% CI) | AORs (95% CI) |
| --- | --- | --- | --- | --- | --- |
| Age category | 15-17 | 3 (14.3) | 18 (85.7) | - | - |
|  | 18-24 | 38 (22.0) | 135 (78.0) | 0.59 (0.13-1.87, p=0.420) | 0.58 (0.10-2.59, p=0.501) |
|  | 25-29 | 14 (19.7) | 57 (80.3) | 0.68 (0.14-2.38, p=0.575) | 0.29 (0.04-1.59, p=0.173) |
|  | 30-39 | 16 (17.2) | 77 (82.8) | 0.80 (0.17-2.74, p=0.746) | 0.56 (0.08-3.42, p=0.545) |
|  | 40-49 | 4 (9.5) | 38 (90.5) | 1.58 (0.29-7.93, p=0.573) | 1.03 (0.12-8.98, p=0.977) |
| Parity | Nulliparious | 12 (30.8) | 27 (69.2) | - | - |
|  | 1-2 children | 33 (19.9) | 133 (80.1) | 1.79 (0.80-3.85, p=0.143) | 1.83 (0.62-5.33, p=0.269) |
|  | 3-4 children | 15 (19.0) | 64 (81.0) | 1.90 (0.78-4.59, p=0.155) | 2.05 (0.54-7.78, p=0.293) |
|  | 5-6 children | 5 (8.9) | 51 (91.1) | 4.53 (1.51-15.51, p=0.010) | 3.25 (0.65-17.19, p=0.155) |
|  | 7 or more children | 11 (18.0) | 50 (82.0) | 2.02 (0.79-5.26, p=0.144) | 1.16 (0.21-6.41, p=0.863) |
| Marital status | Currently married | 61 (18.2) | 275 (81.8) | - | - |
|  | Currently not married | 15 (23.1) | 50 (76.9) | 0.74 (0.40-1.44, p=0.355) | 1.19 (0.48-3.11, p=0.712) |
| Lifestyle | Nomadic | 23 (16.8) | 114 (83.2) | - | - |
|  | Sedentary | 53 (20.1) | 211 (79.9) | 0.80 (0.46-1.36, p=0.426) | 0.46 (0.21-0.95, p=0.040)\* |
| Education level | No education | 33 (17.1) | 160 (82.9) | - | - |
|  | Primary education | 16 (15.5) | 87 (84.5) | 1.12 (0.59-2.20, p=0.730) | 1.16 (0.49-2.78, p=0.742) |
|  | Sec education or higher | 27 (25.7) | 78 (74.3) | 0.60 (0.34-1.06, p=0.078) | 0.64 (0.23-1.78, p=0.389) |
| Economic status | Low | 50 (15.4) | 275 (84.6) | - | - |
|  | Medium | 26 (35.6) | 47 (64.4) | 0.33 (0.19-0.58, p<0.001) | 0.35 (0.17-0.72, p=0.005)\* |
| Knowledge of Kala-azar | Complete knowledge | 21 (15.7) | 113 (84.3) | - | - |
|  | Knowledge of symptoms | 25 (18.2) | 112 (81.8) | 0.83 (0.44-1.57, p=0.572) | 1.17 (0.52-2.62, p=0.707) |
|  | Knowledge of transmission | 4 (33.3) | 8 (66.7) | 0.37 (0.11-1.49, p=0.132) | 0.50 (0.11-2.53, p=0.378) |
|  | No knowledge | 26 (22.0) | 92 (78.0) | 0.66 (0.34-1.24, p=0.198) | 1.00 (0.43-2.29, p=0.996) |
| Feared treatment-related consequences | No/Low concerns | 62 (21.8) | 222 (78.2) | - | - |
|  | Moderate/high concerns | 14 (12.0) | 103 (88.0) | 2.05 (1.13-3.98, p=0.024) | 2.73 (1.21-6.59, p=0.019)\* |
| Ever usage of contraceptives | No | 36 (20.3) | 141 (79.7) | - | - |
|  | Yes | 40 (17.9) | 184 (82.1) | 1.17 (0.71-1.94, p=0.529) | 0.84 (0.41-1.66, p=0.611) |
| Knowledge of contraceptive methods | High knowledge | 11 (31.4) | 24 (68.6) | - | - |
|  | Low knowledge | 38 (19.2) | 160 (80.8) | 1.93 (0.84-4.21, p=0.106) | 2.82 (0.89-8.82, p=0.075) |
|  | Moderate knowledge | 27 (16.1) | 141 (83.9) | 2.39 (1.02-5.39, p=0.038) | 3.50 (1.15-10.58, p=0.026)\* |
| Fear of side effects | High fear | 30 (16.5) | 152 (83.5) | - | - |
|  | Low fear | 25 (24.0) | 79 (76.0) | 0.62 (0.34-1.14, p=0.121) | 0.73 (0.35-1.54, p=0.409) |
|  | Moderate fear | 21 (18.3) | 94 (81.7) | 0.88 (0.48-1.65, p=0.692) | 1.15 (0.53-2.54, p=0.724) |
| Contraceptive use approval | High approval | 44 (14.5) | 260 (85.5) | - | - |
|  | Low approval | 18 (54.5) | 15 (45.5) | 0.14 (0.07-0.30, p<0.001) | 0.12 (0.05-0.33, p<0.001)\* |
|  | Medium approval | 14 (21.9) | 50 (78.1) | 0.60 (0.31-1.22, p=0.143) | 0.50 (0.22-1.13, p=0.090) |
| Contraceptive use agency | High agency | 20 (12.2) | 144 (87.8) | - | - |
|  | Low agency | 29 (35.4) | 53 (64.6) | 0.25 (0.13-0.48, p<0.001) | 0.21 (0.08-0.52, p=0.001)\* |
|  | Medium agency | 27 (17.4) | 128 (82.6) | 0.66 (0.35-1.23, p=0.190) | 0.41 (0.17-0.91, p=0.031)\* |
| Decision maker | Husband or someone else | 20 (21.1) | 75 (78.9) | - | - |
|  | Respondent | 54 (17.9) | 247 (82.1) | 1.22 (0.67-2.14, p=0.498) | 1.42 (0.66-3.00, p=0.359) |
| Model AIC: 350.4 | | | | | |
| Adjusted McFadden R²: 0.219 | | | | | |
| *AORs* adjusted odds ratio, *CI* confidence interval, *CORs* crude odds ratio, *AIC* Akaike Information Criterion | | | | | |