**Table 3.** **Logistic regression: Association between DREAMS and viral load among AGYW aged 13-22 years**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Total | n with viral load>=50 (%) | Unadjusted OR (95% CI) | Age Adjusted OR (95% CI) | Fully Adjusted OR (95% CI) | LR p-value |
| Invited or received DREAMS, 2017/18 |  |  |  |  |  |  |
| No | 865 | 87 (10.1) | 1 | 1 | 1 |  |
| Yes | 1030 | 82 (8.0) | 0.77 (0.56 -1.06) | 0.99 (0.71 -1.38) | 1.14 (0.79 -1.64) | 0.477 |
| Age group , 2017 |  |  |  |  |  |  |
| 13-14 | 433 | 10 (2.3) | 0.13 (0.06 -0.25) |  | 0.37 (0.15 -0.90) |  |
| 15-17 | 623 | 43 (6.9) | 0.40 (0.27 -0.60) |  | 1.01 (0.55 -1.84) |  |
| 18-19 | 404 | 48 (11.9) | 0.73 (0.49 -1.08) |  | 0.94 (0.59 -1.51) |  |
| 20-22 | 435 | 68 (15.6) | 1 |  | 1 | 0.071 |
| Geographic area |  |  |  |  |  |  |
| Rural | 1214 | 86 (7.1) | 1 | 1 | 1 |  |
| Peri-urban/urban | 663 | 82 (12.4) | 1.85 (1.35 -2.55) | 1.86 (1.35 -2.57) | 1.91 (1.34 -2.72) | <0.001 |
| Socio-economic status, 2017 |  |  |  |  |  |  |
| Low | 653 | 64 (9.8) | 1 | 1 | 1 |  |
| Middle | 656 | 59 (9.0) | 0.91 (0.63 -1.32) | 0.92 (0.63 -1.34) | 0.86 (0.58 -1.29) |  |
| High | 513 | 37 (7.2) | 0.72 (0.47 -1.09) | 0.76 (0.50 -1.17) | 0.71 (0.45 -1.13) | 0.356 |
| Food insecurity, 2017 |  |  |  |  |  |  |
| No | 1308 | 96 (7.3) | 1 | 1 | 1 |  |
| Yes | 582 | 73 (12.5) | 1.81 (1.31 -2.50) | 1.42 (1.02 -1.98) | 1.20 (0.83 -1.73) | 0.329 |
| Age and education, 2017 |  |  |  |  |  |  |
| 13-17 or 18-22 & In school | 1497 | 99 (6.6) | 1 | 1 | 1 |  |
| 18-22 & Not completed secondary | 152 | 42 (27.6) | 5.39 (3.58 -8.12) | 3.13 (1.91 -5.11) | 2.96 (1.72 -5.10) |  |
| 18-22 & completed secondary | 245 | 28 (11.4) | 1.82 (1.17 -2.84) | 1.05 (0.62 -1.77) | 1.05 (0.60 -1.84) | <0.001 |
| Migrated/moved, 2017 |  |  |  |  |  |  |
| No | 1571 | 115 (7.3) | 1 | 1 | 1 |  |
| Yes | 324 | 54 (16.7) | 2.53 (1.79 -3.59) | 1.66 (1.15 -2.41) | 1.50 (1.00 -2.25) | 0.05 |
| Ever had sex, ever pregnant composite variable, 2017 |  |  |  |  |  |  |
| Never had sex | 1158 | 51 (4.4) | 1 | 1 | 1 |  |
| Ever sex, never pregnant | 249 | 45 (18.1) | 4.79 (3.12 -7.34) | 3.16 (1.95 -5.13) | 2.55 (1.52 -4.30) |  |
| Ever pregnant | 476 | 69 (14.5) | 3.68 (2.52 -5.38) | 2.27 (1.41 -3.65) | 1.79 (1.06 -3.00) | 0.002 |