**Table 3:** Bivariate and multivariate analysis for concept of no-HIV tested in MSM in Bamako.

|  **Variables** | **Having tested for HIV in the past vs. not** |
| --- | --- |
| **Bivariate** | **Multivariate** |
|   | **OR** | **(95% CI)**  | **P-value** | **aOR** | **(95% CI)**  | **P-value** |
| **Socio-demographic characteristics**  |  |  |  |  |  |  |
| **Age** |  |  |  |  |  |  |
| 18-24 years | 1 |  |  |  |  | **0.00** |
| 25-29 years | 1.94 | 1.08-3.49 | 0.027 | 1.27 | 0.63-2.48 | 0.479 |
| 30 years and more | 2.89 | 1.54-5.37 | 0.001 | 3.15 | 1.52-6.51 | **0.002** |
| **Education level** |  |  |  |  |  |  |
| Never went to school, Alphabetized and | 0.769 | 0,36-1.64 | 0.499 |  |  |  |
| **Occupation** |  |  |  |  |  |  |
| Student and Unemployed vs. Worker | 1.93 | 1.30-2.89 | 0,001 | 1.59 | 0.99-2.56 | 0.057 |
| **Marital status** |  |  |  |  |  |  |
| Married vs. unmarried | 1.73 | 0.82-3.64 | 0.149 |  |  |  |
| **behavioral characteristics** |  |  |  |  |  |  |
| **Alcohol use** |  |  |  |  |  |  |
| No vs. yes  | 0.57 | 0.39-0.85 | 0.005 | 0.62 | 0.40-0.96 | **0.031** |
| **Sexual intercourse against will** |  |  |  |  |  |  |
| No vs. yes | 3.77 | 1.83-7.71 | < 0.001 | 3.07 | 1.44-6.54 | **0.004** |
| **Being healthy and having HIV** |  |  |  |  |  |  |
| No vs. yes | 1.39 | 0.86-2.2 | 0.183 |  |  |  |
| **Thinking there is effective treatment for HIV** |  |  |  |  |  |  |
| No vs. yes | 1.98 | 1.33-2.97 | 0.001 | 1.53 | 0.98-2.3 | 0.302 |
| **To think HIV messages don’t concern me** |  |  |  |  |  |  |
| No vs. yes | 0.77 | 0.39-1.50 | 0.433 |  |  |  |
| **Concept of peer educator’s sensibilisation** |  |  |  |  |  |  |
| No vs. yes | 4.48 | 2.95-6.82 | < 0.001 | 4.89 | 3.08-7.75 | < **0.001** |
| **Status of HIV infection** |  |  |  |  |  |  |
| No vs. yes | 7.70 | 2.26-14.41 | < 0.001\* | 3.53 | 1.34-9.28 | **0.011** |