**Supplementary Table 3.** The associations between HIV status (laboratory-confirmed and self-reported) and key sexual behaviors among HAALSI participants in rural South Africa, 2014-2015 (n=5059)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Recent partner1** | **Any condom use1,2,3** | **Casual sex1,2,3** | **Multiple partners1,3** |
|  | PR (95% CI) | aPR4 (95% CI) | PR (95% CI) | sPR4 (95% CI) | PR (95% CI) | sPR4 (95% CI) | PR (95% CI) | sPR4(95% CI) |
| **HIV status, laboratory confirmed** |
| HIV+ | 1.00 (0.94, 1.06) | 0.84 (0.77, 0.92) | 3.40 (2.99, 3.88) | 2.82 (2.42, 3.29) | 2.67 (2.17, 3.28) | 2.40(1.88, 3.07) | 1.44 (1.09, 1.90) | 1.61(1.12, 2.31) |
| HIV- | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| **HIV status, self-reported** |
| HIV+ | 0.98 (0.91, 1.05) | 0.91 (0.81, 1.03) | 3.94 (3.49, 4.45) | 3.45 (2.85, 4.18) | 2.83 (2.25, 3.56) | 2.50 (1.89, 3.31) | 1.47 (1.05, 2.05) | 1.34 (0.90, 1.97) |
| HIV- | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ‘DK’ | 0.79 (0.75, 0.84) | 0.86 (0.81, 0.91) | 0.87 (0.72, 1.04) | 0.97 (0.80, 1.17) | 1.20 (0.94, 1.53) | 1.26 (0.99, 1.62) | 1.02 (0.76, 1.35) | 0.92(0.68, 1.24) |
| **HIV status, laboratory confirmed, with HIV+ category broken down by self-report** |
| HIV+ with positive self-report | 1.01 (0.94, 1.10) | 0.89 (0.78, 1.01) | 4.89 (4.32, 5.53) | 3.96(3.26, 4.80) | 3.26 (2.59, 4.09) | 2.77(2.09, 3.68) | 1.69 (1.21, 2.36) | 1.69 (1.14, 2.49) |
| HIV+ with negative or ‘DK’ self-report  | 0.97 (0.89, 1.06) | 0.82 (0.73, 0.92) | 1.75 (1.40, 2.19) | 1.41 (1.10, 1.81) | 2.07 (1.55, 2.76) | 1.94 (1.36, 2.78) | 1.14 (0.76, 1.73) | 1.34 (0.77, 2.33) |
| HIV- | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

1 In the last 24 months

2 Behavior reported with the most recent partner in the last 24 months

3 Among those who report at least one partner in the last 24 months (n=2765)

4 Standardized to the age- and sex-distribution of the study population. Age coded in 10-year categories.

PR=prevalence ratio sPR=standardized prevalence ratio DK=’don’t know’