Supplemental Table: Sensitivity Analysis

Table I: A comparison of those who completed vs those who did not complete at least one ACASI, the HIV Outpatient Study, USA, 2007-2019.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Patient characteristics at first ACASI completed or first visit during observation window:****N (%) or median (IQR)** | **Completed ≥ 1 ACASI** **n=2,193** | **No ACASI completed** **n=2,961** | **P-value** | **Chi-square\*** |
| **Age, years at first visit during 2007-2019** |  |  | < 0.001 | 72.1 |
|  ≤ 29 | 169 (7.7) | 436 (14.7) |  |  |
|  30-39 | 430 (19.6) | 635 (21.4) |  |  |
|  40-49 | 870 (39.7) | 1,020 (34.5) |  |  |
|  ≥ 50 | 724 (33.0) | 870 (29.4) |  |  |
| **Year range of first observation window**  |  |  | < 0.001 | 67.4 |
|  2007-2010 | 1,325 (60.4) | 2,099 (70.9) |  |  |
|  2011-2014 | 571 (26.1) | 519 (17.5) |  |  |
|  2015-2019 | 297 (13.5) | 343 (11.6) |  |  |
| **HIV risk activity** |  |  | < 0.001 | 56.0 |
|  MSM | 1,429 (65.2) | 1,627 (54.9) |  |  |
|  Heterosexual Male | 352 (16.0) | 648 (21.9) |  |  |
|  Female | 412 (18.8) | 686 (23.2) |  |  |
| **Race/ethnicity** |  |  | < 0.001 | 77.7 |
|  White, Non-Hispanic/Latino | 1,195 (54.5) | 1,249 (42.2) |  |  |
|  Black, Non-Hispanic/Latino  | 675 (30.8) | 1,126 (38.0) |  |  |
|  Hispanic/Latino | 248 (11.3) | 453 (15.3) |  |  |
|  Other/unknown  | 75 (3.4) | 133 (4.5) |  |  |
| **Insurance** |  |  | < 0.001 | 47.0 |
|  Private | 1,217 (55.5) | 1,356 (45.8) |  |  |
|  Public/none | 976 (44.5) | 1,605 (54.2) |  |  |
| **CD4 cell count (cells/mm3)** |  |  | < 0.001 | 126.3 |
|  < 200 | 186 (8.5) | 380 (12.8) |  |  |
|  200-349 | 319 (14.5) | 416 (14.0) |  |  |
|  350-499 | 411 (18.7) | 526 (17.8) |  |  |
|  ≥ 500 | 1,195 (54.5) | 1,633 (55.2) |  |  |
|  Unknown/Missing | 82 (3.7) | 6 (0.2) |  |  |
| **HIV RNA viral load (copies/mL)** |  |  | < 0.001 | 155.3 |
|  Undetectable | 1,537 (70.1) | 2,026 (68.4) |  |  |
|  Detectable | 573 (26.1) | 935 (31.6) |  |  |
|  Unknown/Missing | 83 (3.8) | 0 (0.0) |  |  |
| **Most recent status** |  |  | < 0.001 | 157.1 |
|  Alive and active | 1,237 (56.4) | 1,184 (40.0) |  |  |
|  Alive but not active | 842 (38.4) | 1,449 (48.9) |  |  |
|  Deceased | 114 (5.2) | 328 (11.1) |  |  |

Note: P values are for the comparison of the two groups. P-values were calculated using the Yates-corrected chi-square test.

Abbreviations: ACASI, audio-computer assisted self-interview; IQR, interquartile range; MSM, men who have sex with men.

\* Test statistic is continuity adjusted chi-square test for 2x2 tables, and likelihood ratio chi-square test for 2x3, 2x4, or 2x5 tables.