**Table S1**. Comparison of the baseline demographic, clinical characteristics, and reported anal behaviors of the self-identified heterosexual men who provided and declined rectal swabs

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Provided Rectal Swab****(N=135)** | **Declined Rectal Swab****(N=108)** | **p-value** |
| **Enrolled as a case** | 73 (54.1%) | 79 (73.2%) | 0.002 |
| **Age (in years)** | 28.7 (19-68); 24.7-37.6 | 27.2 (18-63); 23.7-32.5 | 0.017 |
| **Race** |  |  | 0.5715 |
|  African American | 77 (57%) | 66 (61.1%) |  |
|  Caucasian | 37 (27.4%) | 23 (21.3%) |  |
|  Other \*(including Hispanic) | 21 (15.6%) | 19 (17.6%) |  |
| **Age at first sex (years)** | 16 (4-24); 14-17 | 15 (8-21); 13-17 | 0.0358 |
| **Number lifetime partners** | 11.5 (0-400); 6-28 | 10 (1-200); 6-20 | 0.733 |
| **Number partners in last year** | 3 (0-84); 2-5 | 3 (1-30); 2-5 | 0.6132 |
| **Number partners in last 2 months** | 2 (0-9); 1-2 | 2 (0-10); 1-2 | 0.5288 |
| **Prior STI history, self-reported** |  |  |  |
|  *Chlamydia trachomatis* | 56/128 (43.8%) | 62/106 (58.5%) | 0.248 |
|  NGU | 35/126 (27.8%) | 40/103 (38.8%) | 0.0761 |
| **Anal Exposures** | In last year | Lifetime | In last year | Lifetime | In last year | Lifetime |
|  Received anilingus | 15/134 (11.2%) | 31/134 (23.1%) | 4/105 (3.8%) | 12/108 (11.1%) | 0.0326 | 0.0161 |
|  Receptive anal intercourse | 2/130 (1.5%) | 2/130 (1.5%) | 0/104 (0%) | 0/104 (0%) | 0.5041 | 0.2562 |
|  Receptive anal play (sex toy or fingers) | 15/134 (11.2%) | 28/134 (20.9%) | 5/108 (4.6%) | 8/108 (7.4%) | 0.0677 | 0.0036 |

\*Men reporting ‘other’ for their self-reported sexual orientation stated that they were pansexual

and reported sexual activity with both male and female partners.