**Supplementary Tables**

**Supplementary Table 1: Stigma Measures**

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| --- | --- | --- |
| **Type of stigma** | **Stigma Measure Female Sex Worker Cohort (yes/no response)** | **Stigma Measure Sexual Gender Minority Cohort (yes/no response)** |
| Perceived healthcare stigma | In the last 3 months, have you felt afraid to go to health care services because you worry someone may learn you sell sex; or have you felt that you were not treated well in a health center because someone knew that you sell sex? | In the last 3 months, have you felt afraid to go to health care services because you worry someone may learn you have sex with men; or have you felt that you were not treated well in a health center because someone knew that you have sex with men? |
| Anticipated healthcare stigma | In the last 3 months, have you avoided going to health care services because you worry someone may learn you sell sex? | In the last 3 months, have you avoided going to health care services because you worry someone may learn you have sex with men? |
| Enacted healthcare stigma | In the last 3 months, have you heard health care providers gossiping about you (talking about you) because you sell sex? | In the last 3 months, have you heard health care providers gossiping about you (talking about you) because you have sex with men? |
| Perceived family stigma | In the last 3 months, have you felt excluded from family activities because you sell sex; or have you felt that family members have made discriminatory remarks or gossiped about you because you sell sex in the last 3 months? | In the last 3 months, have you felt excluded from family activities because you have sex with men; or have you felt that family members have made discriminatory remarks or gossiped about you because you have sex with men? |
| Perceived friend stigma | In the last 3 months, have you felt rejected by your friends because you sell sex? | In the last 3 months, have you felt rejected by your friends because you have sex with men? |

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| **Supplementary Table 2: Longitudinal participation and follow up among sexual and gender minority and female sex worker cohorts** | | | | | | | | | | | |
|  | Total | Visit 1 | | Visit 2 | | Visit 3 | | Visit 4 | | Visit 5 | | | Visit 6 | |
| **Population** | N | N | % | N | % | N | % | N | % | N | % | | N | % |
| **Sexual/Gender Minority Cohort** | 183 | 180 | 98.3 | 151 | 82.5 | 138 | 75.4 | 114 | 62.3 | 80 | 43.7 | | 150 | 82.0 |
| Cisgender MSM | 123 | 122 | 98.4 | 100 | 80.7 | 91 | 73.4 | 78 | 62.9 | 51 | 41.5 | | 100 | 80.7 |
| Gender minority | 59 | 58 | 98.3 | 51 | 86.4 | 47 | 79.7 | 36 | 61.0 | 29 | 49.2 | | 50 | 84.8 |
| **Sex worker cohort** | 192 | 186 | 96.9 | 180 | 93.8 | 181 | 94.3 | 153 | 79.7 | 144 | 75.0 | | 180 | 93.8 |
| Registered | 59 | 56 | 94.9 | 56 | 94.9 | 56 | 94.9 | 52 | 88.1 | 47 | 79.7 | | 56 | 94.9 |
| Not registered | 133 | 130 | 97.7 | 124 | 93.2 | 125 | 94.0 | 101 | 75.9 | 97 | 72.9 | | 124 | 93.2 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Visit 1** | | **Visit 2** | | **Visit 3** | | **Visit 4** | | | **Visit 5** | | **Visit 6** | | **p Value** |
|  | n/N | % | n/N | % | n/N | % | n/N | % | n/N | | % | n/N | % |  |
| **Sexual and gender minority cohort** |  |  |  |  |  |  |  |  |  | |  |  |  |  |
| Perceived healthcare stigma | 32/181 | 12.7 | 15/151 | 9.9 | 10/138 | 7.3 | 2/144 | 1.8 | 3/80 | | 3.8 | 2/150 | 1.3 | <0.001 |
| Anticipated healthcare stigma |  |  | 14/151 | 9.3 | 6/138 | 4.4 | 3/114 | 2.6 | 1/80 | | 1.3 | 1/150 | 0.7 | <0.001 |
| Enacted healthcare stigma | 17/181 | 9.4 | 5/151 | 3.3 | 13/138 | 9.4 | 10/144 | 8.8 | 8/80 | | 10.0 | 9/150 | 6.0 | 0.878 |
| Perceived family stigma | 37/181 | 20.4 | 27/151 | 17.9 | 39/138 | 28.3 | 30/114 | 26.3 | 23/80 | | 28.8 | 26/150 | 17.3 | 0.784 |
| Perceived friend stigma | 15/181 | 8.3 | 10/151 | 6.6 | 16/138 | 11.6 | 9/114 | 7.9 | 7/80 | | 8.6 | 2/150 | 1.3 | 0.030 |
| **Female sex worker cohort** |  |  |  |  |  |  |  |  |  | |  |  |  |  |
| Perceived healthcare stigma | 17/166 | 10.2 | 25/180 | 13.9 | 10/159 | 6.3 | 9/153 | 5.9 | 7/144 | | 4.8 | 15/180 | 8.3 | 0.043 |
| Anticipated healthcare stigma | 12/166 | 7.2 | 16/180 | 8.9 | 5/159 | 3.1 | 5/153 | 3.3 | 2/144 | | 1.4 | 12/180 | 6.7 | 0.104 |
| Enacted healthcare stigma | 6/166 | 3.6 | 18/180 | 10.0 | 7/159 | 4.4 | 12/153 | 7.8 | 5/144 | | 3.4 | 8/180 | 4.4 | 0.395 |
| Perceived family stigma | 43/166 | 25.9 | 39/180 | 21.7 | 34/159 | 21.4 | 34/153 | 22.2 | 31/144 | | 21.5 | 30/180 | 16.7 | 0.076 |
| Perceived friend stigma | 28/166 | 16.9 | 13/179 | 7.3 | 10/159 | 6.3 | 8/153 | 5.2 | 10/143 | | 7.0 | 13/180 | 7.2 | 0.006 |

**Supplementary Table 3: Reported stigma by study visit among sexual and gender minority and female sex worker cohorts**

**Supplemental Table 4: Treatment adherence among key populations living with HIV in the cohort during 24 months of follow up**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Visit 1 | | Visit 2 | | Visit 3 | | Visit 4 | | Visit 5 | | Visit 6 | | P value |
|  | n/N | % | n/N | % | n/N | % | n/N | % | n/N | % | n/N | % |  |
| **Sexual/Gender Minority Cohort** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Currently on treatment | 58/61 | 95.1 | 61/65 | 93.9 | 57/59 | 96.6 | 46/46 | 100.0 | 31/31 | 100.0 | 62/65 | 95.4 | 0.383 |
| Viral suppression | 23/64 | 35.9 | 44/58 | 75.9 | 34/49 | 69.4 | 29/40 | 72.5 | 20/31 | 64.5 | 20/33 | 60.6 | 0.028 |
| **Female Sex Worker Cohort** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Currently on treatment | 31/33 | 93.9 | 50/55 | 90.9 | 19/19 | 100.0 | 39/40 | 97.5 | 35/38 | 92.1 | 62/66 | 93.9 | 0.822 |
| Viral suppression | 45/61 | 73.8 | 30/40 | 75.0 | 44/60 | 73.3 | 31/42 | 73.8 | 30/39 | 76.9 | 30/36 | 83.3 | 0.357 |