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| **Supplemental Table 1. Adjusted odds ratios for timing of sexual violence across the lifespan** |
|  | Model without sexual orientation**AOR (95% CI)** | Full model with sexual orientation (AORs from Tables 2 & 3)**AOR (95% CI)** | Model with gender-by-orientation interaction term**AOR (95% CI)** |
| **SV ever in lifetime** |
| Gender Identity |  |  |  |
|  Transgender Women | **3.8 (1.8, 8.2)** | **5.1 (2.6, 10.1)** | **3.9 (1.8, 8.6)** |
|  Cisgender Women | **2.6 (1.6, 4.2)** | **3.8 (2.3, 6.4)** | **3.7 (2.1, 6.8)** |
| Sexual Orientation |  |  |  |
|  Bisexual | - | **2.8 (1.6, 4.9)** | **2.4 (1.1, 5.1)** |
|  Lesbian/Gay/Queer | - | **2.2 (1.3, 3.8)** | 1.6 (0.8, 2.9) |
| **SV in childhood** |
| Gender Identity |  |  |  |
|  Transgender Women | **2.6 (1.2, 5.8)** | **2.9 (1.4, 6.0)** | **2.4 (1.02, 5.7)** |
|  Cisgender Women | 1.3 (0.8, 2.3) | 1.6 (0.9, 2.9) | 1.8 (0.9, 3.5) |
| Sexual Orientation |  |  |  |
|  Bisexual | - | 1.6 (0.8, 2.9) | 1.5 (0.7, 3.2) |
|  Lesbian/Gay/Queer | - | 1.6 (0.9, 2.8) | 1.5 (0.8, 2.9) |
| **SV in adolescence** |
| Gender Identity |  |  |  |
|  Transgender Women | **5.6 (1.7, 18.1)** | **6.3 (2.0, 19.7)** | - |
|  Cisgender Women | **2.5 (1.2, 5.0)** | **3.4 (1.5, 7.4)** | - |
| Sexual Orientation |  |  |  |
|  Bisexual | - | **2.2 (1.1, 4.3)** | - |
|  Lesbian/Gay/Queer | - | 1.7 (0.9, 3.4) | - |
| **SV in young adulthood** |
| Gender Identity |  |  |  |
|  Transgender Women | **7.4 (3.2, 16.8)** | **8.0 (3.6, 18.0)** | - |
|  Cisgender Women | **4.6 (2.3, 9.1)** | **5.5 (2.6, 11.4)** | - |
| Sexual Orientation |  |  |  |
|  Bisexual | - | 1.2 (0.5, 2.6) | - |
|  Lesbian/Gay/Queer | - | 1.5 (0.7, 3.0) | - |
| **SV in adulthood** |
| Gender Identity |  |  |  |
|  Transgender Women | **7.3 (2.5, 21.1)** | **8.0 (3.2, 20.2)** | **8.4 (2.5, 28.1)** |
|  Cisgender Women | **6.0 (2.7, 13.6)** | **7.5 (3.3, 17.0)** | **8.5 (3.1, 23.3)** |
| Sexual Orientation |  |  |  |
|  Bisexual | - | 1.7 (0.7, 3.9) | 2.3 (0.7, 7.4) |
|  Lesbian/Gay/Queer | - | 1.8 (0.8, 3.9) | 2.2 (0.8, 6.0) |
| **SV in past 12 months** |
| Gender Identity |  |  |  |
|  Transgender Women | **4.5 (1.1, 18.4)** | 3.6 (0.7, 18.5) | - |
|  Cisgender Women | 1.9 (0.6, 6.8) | 1.5 ( 0.3, 6.6) | - |
| Sexual Orientation |  |  |  |
|  Bisexual | - | 1.0 (0.2, 4.2) | - |
|  Lesbian/Gay/Queer | - | 0.5 (0.1, 2.2) | - |

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| **Supplemental Table 1 (continued). Adjusted odds ratios for timing of sexual violence across the lifespan** |
|  | Model without sexual orientation**AOR (95% CI)** | Full model with sexual orientation (AORs from Tables 2 & 3)**AOR (95% CI)** | Model with gender-by-orientation interaction term**AOR (95% CI)** |
| **Condomless sex** |
| Gender Identity |  |  |  |
|  Transgender Women | 2.7 (0.9, 8.2) | 2.9 (0.98, 8.4) | 3.0 (0.96, 9.3) |
|  Cisgender Women | 1.4 (0.7, 2.7) | 1.7 (0.8, 3.5) | 1.8 (0.8, 4.2) |
| Sexual Orientation |  |  |  |
|  Bisexual | - | 1.4 (0.7, 2.7) | 1.4 (0.6, 3.1) |
|  Lesbian/Gay/Queer | - | 1.7 (0.9, 3.0) | 1.1 (0.5, 2.4) |
| **Multiple partners** |
| Gender Identity |  |  |  |
|  Transgender Women | 0.8 (0.3, 2.5) | 1.0 (0.3, 2.9) | 0.7 (0.2, 2.6) |
|  Cisgender Women | **0.4 (0.2, 0.8)** | 0.6 (0.3, 1.2) | 0.5 (0.2, 1.3) |
| Sexual Orientation |  |  |  |
|  Bisexual | - | **3.9 (2.1, 7.4)** | **2.8 (1.1, 7.2)** |
|  Lesbian/Gay/Queer | - | **2.5 (1.4, 4.5)** | 2.0 (0.8, 4.8) |
| **Illicit drug use** |
| Gender Identity |  |  |  |
|  Transgender Women | 0.4 (0.1, 2.6) | 0.4 (0.1, 2.6) | - |
|  Cisgender Women | 1.2 (0.5, 2.8) | 1.2 (0.5, 2.8) | - |
| Sexual Orientation |  |  |  |
|  Bisexual | - | 1.3 (0.6, 2.8) | - |
|  Lesbian/Gay/Queer | - | 1.1 (0.5, 2.5) | - |
| **Drug-related harm** |
| Gender Identity |  |  |  |
|  Transgender Women | 0.4 (0.1, 3.8) | 0.5 (0.1, 4.0) | - |
|  Cisgender Women | 1.1 (0.5, 2.6) | 1.1 (0.5, 2.6) | - |
| Sexual Orientation |  |  |  |
|  Bisexual | - | 0.8 (0.3, 2.0) | - |
|  Lesbian/Gay/Queer | - | 0.9 (0.3, 2.2) | - |
| **Binge drinking** |
| Gender Identity |  |  |  |
|  Transgender Women | 1.5 (0.7, 3.5) | 2.0 (0.96, 4.1) | 2.0 (0.9, 4.9) |
|  Cisgender Women | 0.8 (0.4, 1.4) | 1.0 (0.6, 1.9) | 1.1 (0.5, 2.3) |
| Sexual Orientation |  |  |  |
|  Bisexual | - | 1.8 (0.9, 3.5) | 1.9 (0.8, 4.3) |
|  Lesbian/Gay/Queer | - | 1.8 (0.99, 3.2) | 1.7 (0.8, 3.5) |
| **Alcohol-related harm** |
| Gender Identity |  |  |  |
|  Transgender Women | 0.5 (0.2, 1.4) | 0.5 (0.2, 1.6) | - |
|  Cisgender Women | 0.8 (0.4, 1.4) | 0.9 (0.4, 1.9) | - |
| Sexual Orientation |  |  |  |
|  Bisexual | - | 1.3 (0.6, 2.9) | - |
|  Lesbian/Gay/Queer | - | 1.6 (0.8, 3.3) | - |
| **Selling sex** |
| Gender Identity |  |  |  |
|  Transgender Women | **9.3 (1.7, 49.3)** | **9.3 (1.7, 50.0)** | - |
|  Cisgender Women | 1.6 (0.6, 4.6) | 1.7 (0.6, 4.9) | - |
| Sexual Orientation |  |  |  |
|  Bisexual | - | 1.4 (0.5, 3.7) | - |
|  Lesbian/Gay/Queer | - | 1.1 (0.5, 2.8) | - |
| Note: Cells with no data indicate N/A or that the model did not converge. |

**Supplemental Table 2. Adjusted stratum-specific odds ratios for gender-by-orientation interaction term**

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|  | SV ever in Lifetime |
|  | **AOR (95% CI)** |
| **Cisgender Women** |  |
|  Bisexual | **3.1 (1.3, 7.4)** |
|  Lesbian/Gay/Queer | 1.5 (0.4, 5.2) |
|  Heterosexual | 1.0 |
| **Transgender Women** |  |
|  Bisexual | 1.0 (0.1, 7.0) |
|  Lesbian/Gay/Queer | 0.6 (0.2, 2.1) |
|  Heterosexual | 1.0 |
| **Cisgender Men** |  |
|  Bisexual | **4.3 (1.8, 10.1)** |
|  Lesbian/Gay/Queer | **4.0 (1.9, 8.4)** |
|  Heterosexual | 1.0 |
| **Bisexual** |  |
|  Cisgender Women | **4.2 (1.5, 11.3)** |
|  Transgender Women | 2.7 (0.4, 18.6) |
|  Cisgender Men | 1.0 |
| **Lesbian/Gay/Queer** |  |
|  Cisgender Women | 2.2 (0.6, 7.7) |
|  Transgender Women | 1.9 (0.6, 5.4) |
|  Cisgender Men | 1.0 |
| **Heterosexual** |  |
|  Cisgender Women | **5.8 (2.9, 11.8)** |
|  Transgender Women | **11.7 (4.8, 28.8)** |
|  Cisgender Men | 1.0 |
|  | Interaction termp-value = 0.10 |

Note: ORs are not shown for outcomes whose models did not converge.