**Model 1: Negative binomial model controlling for homelessness, gender, and age, and including total number of injection events as an offset term**

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Estimate (exponentiated betas) | 95% CI lower bound | 95% CI upper bound |
| Intercept | 0.1470472 | 0.02660880 | 0.8492288 |
| Occasionally/sometimes publicly injecting vs never | 2.2403301 | 0.92304513 | 5.1541488 |
| Usually/always publicly injecting vs never | 5.4393888 | 2.20369755 | 12.7741905 |
| Currently homeless vs currently housed | 0.5097253 | 0.22277879 | 1.0484002 |
| Female vs male | 0.8528926 | 0.42109927 | 1.8526925 |
| Other gender vs male | 0.3343458 | 0.05359901 | 9.2799689 |
| Age (1 year increase) | 0.9808626 | 0.94992690 | 1.0125805 |

* **Interpretation**: Those who usually/always publicly injected has 5.44 times the rate of syringe sharing compared to those who never publicly injected, controlling for homelessness, gender, and age.
* **More literal interpretation**: Those who usually/always publicly injected had 5.44 the number of syringe sharing events per injection, compared to those who never publicly injected, controlling for homelessness, gender, and age.

**Model 2: Negative binomial model controlling only for homelessness, and including total number of injection events as an offset term**

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Estimate (exponentiated betas) | 95% CI lower bound | 95% CI upper bound |
| Intercept | 0.06223943 | 0.02742213 | 0.1625206 |
| Occasionally/sometimes publicly injecting vs never | 2.21092778 | 0.95830864 | 4.7609799 |
| Usually/always publicly injecting vs never | 4.67500633 | 2.06553512 | 9.8236928 |
| Currently homeless vs currently housed | 0.56869936 | 0.25543467 | 1.1326800 |

* **Interpretation**: Those who usually/always publicly injected has 4.68 times the rate of syringe sharing compared to those who never publicly injected, controlling for homelessness.
* **More literal interpretation**: Those who usually/always publicly injected had 4.68 times the number of syringe sharing events per injection, compared to those who never publicly injected, controlling for homelessness.