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| **Table S1: Multivariate results for probability of completing a partner services interview among sexually-transmitted infection case episodes in men who have sex with men in King County, WA stratified by the presence of syphilis, gonorrhea, and chlamydia – 2011-2018 (N=15,562)** | | | |
| *Dependent Variable* | *Cases involving syphilis (N=2,417)* | *Cases involving gonorrhea (N=10,196)* | *Cases involving chlamydia (N=7,563)* |
| Number of previous PS interviews† | *PR (95% CI)* | | |
| None | *Referent* | | |
| One | 0.98 (0.93, 1.03) | 0.92 (0.89, 0.96) | 0.97 (0.93, 1.01) |
| Two | 0.96 (0.89, 1.02) | 0.94 (0.89, 0.98) | 0.99 (0.94, 1.05) |
| Three or more | 0.98 (0.92, 1.04) | 0.91 (0.87, 0.95) | 0.92 (0.87, 0.97) |
|  | | | |
| Number of previous STI case episodes† | *PR (95% CI)* | | |
| None | *Referent* | | |
| One | 0.98 (0.93, 1.03) | 0.92 (0.89, 0.96) | 0.98 (0.95, 1.02) |
| Two | 0.95 (0.89, 1.01) | 0.87 (0.83, 0.92) | 0.96 (0.91, 1.01) |
| Three or more | 0.90 (0.85, 0.96) | 0.84 (0.80, 0.87) | 0.85 (0.81, 0.90) |
| *†Adjusted for year of case report, HIV status, age, race/ethnicity, and whether the STI case was diagnosed at the Public Health Sexual Health Clinic.* | | | |

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| **Table S2: Multivariate results for probability of providing partner locating information to a Disease Intervention Specialist among sexually-transmitted infection case episodes in men who have sex with men in King County, WA stratified by the presence of syphilis, gonorrhea, and chlamydia – 2011-2018 (N=15,562)** | | | |
| *Dependent Variable* | *Cases involving syphilis (N=2,417)* | *Cases involving gonorrhea (N=10,196)* | *Cases involving chlamydia (N=7,563)* |
| Number of previous PS interviews† | *PR (95% CI)* | | |
| None | *Referent* | | |
| One | 1.07 (0.99, 1.17) | 0.98 (0.93, 1.03) | 1.01 (0.97, 1.06) |
| Two | 0.98 (0.86, 1.11) | 0.98 (0.92, 1.06) | 0.98 (0.92, 1.05) |
| Three or more | 1.00 (0.88, 1.15) | 1.01 (0.94, 1.08) | 0.99 (0.92, 1.07) |
|  | | | |
| Number of previous STI case episodes† | *PR (95% CI)* | | |
| None | *Referent* | | |
| One | 1.08 (0.98, 1.17) | 0.97 (0.93, 1.02) | 1.01 (0.97, 1.06) |
| Two | 0.97 (0.86, 1.10) | 0.94 (0.88, 1.00) | 0.93 (0.88, 0.99) |
| Three or more | 1.00 (0.89, 1.13) | 0.96 (0.90, 1.02) | 0.97 (0.91, 1.04) |
| *‡Adjusted for year of case report, HIV status, age, race/ethnicity, whether the STI case was diagnosed at the Public Health Sexual Health Clinic, whether the case patient reported meeting partners 1) online, 2) at bathhouses, 3) in recent travels, whether the case patient reported meth use, and whether the case patient or STI case report indicated that the patient was symptomatic at time of diagnosis.* | | | |