Table, Supplemental Digital Content 1

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| **Model** | **Results (beta coefficients or odds ratios and 95% confidence intervals) for association between eviction and STI rates from fully adjusted model** |
| Primary analysis:  Linear regression  STI: continuous  Eviction: tertiles  Covariates: dichotomous | Chlamydia  High v. low eviction: 63.8 (45.1, 82.5)\*\*\*  Med v. low eviction: 32.9 (17.0, 48.8)\*\*\*  Model diagnostics: F stat p-value <.001, adjusted R2=.448, mean residual = 0  Gonorrhea  High v. low eviction: 20.4 (13.5, 27.4)\*\*\*  Med v. low eviction: 3.4 (-2.5, 9.3)  Model diagnostics: F stat p-value <.001, adjusted R2=.452, mean residual = 0 |
| Secondary analysis 1:  Linear regression  STI: continuous, log transformed  Eviction: tertiles  Covariates: dichotomous | Chlamydia  High v. low eviction: .24 (.19, .29)\*\*\*  Med v. low eviction: .12 (.08, .16)\*\*\*  Model diagnostics: F stat p-value <.001, adjusted R2=.431, mean residual = 0  Gonorrhea  High v. low eviction: .23 (.14, .32)\*\*\*  Med v. low eviction: -.05 (-.13, .03)  Model diagnostics: F stat p-value <.001, adjusted R2=.449, mean residual = 0 |
| Secondary analysis 2  Multinomial logistic regression  STI: tertiles†  Eviction: tertiles  Covariates: dichotomous | High v. low chlamydia rates  High v. low eviction: 5.00 (3.38, 7.39)\*\*\*  Med vs. low eviction: 2.35 (1.68, 3.27)\*\*\*  Medium v. low chlamydia rates  High v. low eviction: 2.65 (1.93, 3.64)\*\*\*  Med vs. low eviction: 1.46 (1.14, 1.87)\*\*  High v. low gonorrhea rates  High v. low eviction: 2.81 (1.90, 4.14)\*\*\*  Med vs. low eviction: 1.62 (1.16, 2.27)\*\*  Medium v. low gonorrhea rates  High v. low eviction: 1.28 (0.93, 1.76)  Med vs. low eviction: 1.35 (1.05, 1.73)\* |
| Secondary analysis 3  Linear regression  STI: continuous  Eviction: continuous  Covariates: continuous | Chlamydia: 16.0 (12.7, 19.4)\*\*\*  Gonorrhea: 7.9 (6.6, 9.2)\*\*\* |
| Secondary analysis 4  Linear regression  STI: continuous  Eviction: tertiles for 2015 (no lag)  Covariates: dichotomous | Chlamydia  High v. low eviction: 60.6 (41.4, 80.0)\*\*\*  Med v. low eviction: 20.2 (4.2, 36.1)\*  Gonorrhea  High v. low eviction: 23.3 (16.2, 30.4)\*\*\*  Med v. low eviction: 1.3 (-4.5, 7.2) |

\**P*<.05, \*\**P* <.01, \*\*\* *P* <.001

† Categories of chlamydia and gonorrhea rates used the following tertile cut points: for chlamydia - low <224, medium 224 to 377, and high >377 cases per 100,000 population; for gonorrhea - low <23, medium 23 to 72, and high >72 cases per 100,000 population.