

Supplemental Table 1. Number of recruits and recruitment waves by seed.

Seed	# Participants Recruited	# Waves
1	3	2
2	39	8
3	3	1
4	6	3
5	7	2
6	0	0
7	113	11
8	11	5
9	1	1
10	8	4

Supplemental Table 2. RDSAT estimates of homophily and mean network size by socio-

demographics, sexual behaviors, substance use, abuse history, HIV knowledge, and STI history.

	Homophily^a	Mean Network Size
Socio-demographics		
Age (in years)		
18-24	0.076	13.5
25-29	-0.002	18.0
30-34	-0.054	18.2
≥35	-0.053	8.3
Gender identity		
Male	0.152	14.5
Transgender female (male-to-female)	0.216	10.6
Sexual Orientation		
Homosexual or gay	0.286	13.7
Bisexual	0.141	14.3
Heterosexual or straight	-1.000	20.7
Birthplace		
Tijuana, Mexico	0.256	16.9
Outside Tijuana in Mexico	0.110	12.9
United States	-1.000	7.7
Education		
Less than a high school education	0.092	14.0
At least a high school education	0.226	14.2
Employment status		
Unemployed	0.075	12.2
Employed	0.188	14.4
Monthly income		
< 3500 pesos	-0.012	15.4
≥ 3500 pesos	0.078	12.6
Ever incarcerated (jail or prison)		
No	0.158	14.6
Yes	0.024	13.9
Ever traveled to the US		
No	0.046	14.6
Yes	0.195	13.3
Ever deported from the US		
No	-0.020	14.1
Yes	0.158	18.2
Sexual behaviors		
Traded sex for money (≤6 months)		
No	0.288	12.7
Yes	0.312	16.1
Any female sexual partners (≤2 months)		

No	0.400	12.1
Yes	0.243	12.9
Spouse or live-in partner (≤ 2 months)		
No	0.270	15.8
Yes	0.113	11.4
Steady non-live-in partner (≤ 2 months)		
No	-0.260	13.1
Yes	-0.030	14.7
Casual partner (≤ 2 months)		
No	-0.168	13.1
Yes	0.122	14.0
Anonymous partner (≤ 2 months)		
No	-0.069	11.6
Yes	0.046	18.4
Visited a bar, nightclub or disco to meet male sexual partners (≤ 2 months)		
No	-0.029	12.6
Yes	0.142	18.7
Visited a bathhouse or sauna to meet male sexual partners (≤ 2 months)		
No	-0.022	13.8
Yes	0.028	17.5
Visited an adult movie theater to meet male sexual partners (≤ 2 months)		
No	-0.048	14.3
Yes	0.049	14.4
Visited a dark room to meet male sexual partners (≤ 2 months)		
No	-0.050	13.9
Yes	-1.000	17.4
Visited an internet café to meet male sexual partners (≤ 2 months)		
No	0.397	13.9
Yes	0.248	17.4
Visited a public place (e.g., park, restroom, bus) to meet male sexual partners (≤ 2 months)		
No	-0.047	12.3
Yes	0.214	22.9
Substance use		
Lifetime marijuana use		
No	0.119	16.7
Yes	0.012	11.7
Lifetime methamphetamine use		
No	0.171	13.7
Yes	0.114	15.4
Lifetime cocaine use		
No	0.224	14.4
Yes	0.044	13.9
Lifetime amyl nitrite (poppers) use		

No	-0.004	14.0
Yes	0.144	14.9
Lifetime heroin use		
No	0.216	13.9
Yes	0.176	16.8
Past month marijuana use		
No	0.239	15.0
Yes	0.140	12.5
Past month methamphetamine use		
No	0.212	13.4
Yes	0.189	17.1
Past month cocaine use		
No	0.111	13.8
Yes	0.069	18.5
Past month amyl nitrite (poppers) use		
No	0.163	14.6
Yes	0.286	7.6
Past month heroin use		
No	0.281	14.1
Yes	0.273	14.8
Any injection drug use (≤ 1 month)		
No	0.251	14.4
Yes	0.211	15.9
Hazardous alcohol consumption (≤ 12 months)		
No	-0.092	13.8
Yes	0.126	14.2
Any drug use before/during sex (≤ 2 months)		
No	0.000	14.1
Yes	0.151	15.3
Any alcohol use before/during sex (≤ 2 months)		
No	-0.095	12.0
Yes	0.077	17.0
History of abuse		
Ever experienced sexual abuse		
No	0.042	12.3
Yes	0.186	19.1
Ever experienced physical abuse		
No	-0.053	14.5
Yes	-0.064	13.2
Ever experienced emotional abuse		
No	-0.049	13.7
Yes	0.014	15.5
HIV/STI knowledge		

HIV/STI counseling or education program (≤ 2 months)		
No	-0.042	14.0
Yes	0.029	17.2
HIV/STI prevalence		
Tested HIV-positive		
No	0.064	14.7
Yes	-0.633	11.5
Self-reported STI diagnosis (≤ 2 months)		
No	0.068	14.3
Yes	-0.188	13.5
HIV testing history		
Any prior HIV testing (lifetime)		
No	0.008	7.1
Yes	0.234	17.2
Recent HIV testing (≤ 12 months)		
No	-0.048	9.8
Yes	0.139	19.8

Abbreviations: RDSAT=Respondent-Driven Sampling Analysis Tool v7.1 (Cornell University, Ithaca, NY); CAI=condomless anal intercourse.

^a Homophily ranges from -1 to 1 where 0 indicates random recruitment, -1 indicates completely heterophilous recruitment, and 1 indicates completely homophilous recruitment.