

Supplementary File 1. Demographic of all men who have sex with men enrolled in the community-based test and treat cohort

Characteristics	Overall (n=1858)		MSM who were included in the analysis (completed 3 sites CT/NG screening) (n=1610)		MSM who were excluded from the analysis (did not complete 3 sites CT/NG screening) (n=248)		p-value
	n	%	n	%	n	%	
Median age (IQR) years	24.2 (20.9-30.2)		24.1 (20.8-30.0)		24.4 (21.4-31.9)		0.09
Site							<0.001
Bangkok	824	44.4	676	42.0	148	59.7	
Chiang Mai	564	30.4	541	33.6	23	9.3	
Hat Yai	216	11.6	152	9.4	64	25.8	
Pattaya city	254	13.7	241	15.0	13	5.2	
Marital status							<0.001
Single	1319/1845	71.5	1158/1598	72.5	161/247	65.2	
Living together with male partner	434/1845	23.5	381/1598	23.8	53/247	21.5	
Married to a woman	92/1845	5.0	59/1598	3.7	33/247	13.4	
Highest education							0.003
Lower than high school	392/1838	21.3	325/1594	20.4	67/244	27.5	
High school	710/1838	38.6	638/1594	40.0	72/244	29.5	
Higher than high school	736/1838	40.1	631/1594	39.6	105/244	43.0	
Main occupation							0.13
Unemployed	116/1843	6.3	97/1598	6.1	19/245	7.8	
Student	547/1843	29.7	486/1598	30.4	61/245	24.9	
Sex worker	367/1843	19.9	707/1598	44.2	106/245	43.3	
Employed, other than sex worker	813/1843	44.1	308/1598	19.3	59/245	24.1	
Income >10,000 THB (\$320) per month	792/1594	49.7	672/1383	48.6	120/211	56.9	0.03
Median age (IQR) of first sexual intercourse	17 (15-19)		17 (15-19)		17 (15-19)		0.46
Male circumcision	213/1603	13.3	186/1391	13.4	27/212	12.7	0.80
Number of sexual partners in the past 6 months							0.27
No sexual partner	39/1851	2.1	30/1603	1.9	9	3.6	
Single partner	353/1851	19.1	308/1603	19.2	45	18.2	
Multiple partners	1009/1851	54.5	870/1603	54.3	139	56.1	
Refuse to answer	450/1851	24.3	395/1603	24.6	55	22.2	
Unprotected sex in the past 6 months	1432/1831	78.2	1261/1586	79.5	171/245	69.8	0.001
Illicit drug used in the past 6 months	685/1765	38.8	599/1530	39.2	86/235	36.6	0.45
Self-reported STIs in the past 6 months							0.007
No	1157/1788	64.7	977/1546	63.2	180/242	74.4	
Yes	119/1788	6.7	106/1546	6.9	13/242	5.4	
Not sure	512/1788	28.6	463/1546	29.9	49/242	20.2	
Group sex in the past 6 months	217/1747	12.4	207/1520	13.6	10/227	4.4	<0.001
Overall CT infections	379/1842	20.6	349	21.7	30/232	12.9	0.002
Pharyngeal CT	54/1840	2.9	48	3.0	6/230	2.6	0.75
Rectal CT	245/1617	15.2	242	15.0	3/7	42.9	0.04
Urethral CT	133/1833	7.3	112	7.0	21/223	9.4	0.18
Overall NG infections	267/1842	14.5	249	15.5	18/232	7.8	0.002
Pharyngeal NG	120/1840	6.5	110	6.8	10/230	4.4	0.15
Rectal NG	151/1617	9.3	150	9.3	1/7	14.3	0.65
Urethral NG	64/1833	3.5	56	3.5	8/223	3.6	0.93

Abbreviations: CT, *Chlamydia trachomatis*; NG, *Neisseria gonorrhoeae*; STIs, sexually transmitted infections