

**Supplement 2.** Factors associated with never or recent HIV testing among MSM who live in high and non-high urbanized areas

	Never tested (vs. Recent tested)		Not recent (vs. Recent tested)	
	Non-highly urbanized	Highly urbanized	Non-highly urbanized	Highly urbanized
Age	age <25 years (versus age >42 years), <u>Inversely associated</u> was age between 25 and 42 (versus age >42 years).	age <25 years (versus age > 42 years), <u>inversely associated</u> was age between 25 and 42 (versus age >42 years)	<u>Inversely associated</u> was age <43 (versus age >42 years)	<u>inversely associated</u> was age below 43 (versus above 42)
Self-identification	self-identification as bisexual (versus homosexual)	self-identification as bisexual (versus homosexual)		
Sex partner <6 months	having 0-1, or 2-5 sex partners in the past six months (versus >5)	having 0-1, or 2-5 sex partners in the past six months (versus >5)	having 0-1, or 2-5 sex partners in the past six months (versus >5)	0-1, or 2-5 sex partners in the past six months (versus >5)
Condomless anal intercourse	no condomless anal intercourse in the past six months	no condomless anal intercourse in the past six months		
Notified for HIV	ever being notified for HIV	ever being notified for HIV	ever being notified for HIV	ever being notified for HIV
HIV severity			high HIV severity perception	
HIV risk perception	a lower HIV risk perception			
Number of gay friends	reporting a lower share of gay people among friends		reporting a lower share of gay people among friends.	