Table 1. Characteristics of the analytic sample

Variables	Other MSM (n=51,654; 97.2%) N / *Mean* (%)	MSM-SW (n=1,443; 2.72%) N / *Mean* (%)	p-value[a] *t-test* – chi-square
Age	*29.0*	*25.3*	*0.048*
Employment[1,2]			0.017
Employed	46,823 (91.0)	1,238 (86.4)	
Unemployed	4,607 (9.0)	194 (13.6)	
Education[3]			0.712
Low	127 (0.3)	14 (1.0)	
Mid	5,582 (10.8)	240 (16.7)	
High	45,722 (88.9)	1,180 (82.3)	
Sexual Identity			<0.001
Gay	38,813 (79.3)	980 (72.9)	
Bisexual	9,644 (19.7)	351 (26.1)	
Heterosexual	479 (1.0)	12 (1.0)	
Gender Identity			0.039
Man	48,704 (99.5)	1,325 (98.6)	
Trans man	250 (0.5)	19 (1.4)	
Country of Residence			<0.001
Argentina	4,316 (8.4)	114 (7.9)	
Bolivia	614 (1.2)	34 (2.4)	
Brazil	14,425 (27.9)	294 (20.4)	
Chile	3,874 (7.5)	65 (4.5)	
Colombia	6,514 (12.6)	277 (19.2)	
Costa Rica	859 (1.7)	13 (0.9)	
Ecuador	1,177 (2.3)	34 (2.4)	
Guatemala	968 (1.9)	36 (2.5)	
Honduras	556 (1.1)	19 (1.3)	
Mexico	11,997 (23.2)	390 (27.0)	
Nicaragua	477 (0.9)	20 (1.4)	
Panama	620 (1.2)	21 (1.5)	
Paraguay	1,522 (3.0)	48 (3.3)	
Peru	450 (0.9)	16 (1.1)	
Suriname	190 (0.4)	7 (0.5)	
El Salvador	481 (0.9)	16 (1.1)	
Uruguay	651 (1.3)	10 (0.7)	
Venezuela	1,963 (3.8)	29 (2.0)	

Notes: MSM: men who have sex with men. MSM-SW: men who have sex with men who engage in were paid for sex 3 times or more in the previous 12 months. [a] p-value for the tests examined within the randomly chosen sample of 1,000 respondents. [1] Binary coded for chi-square analysis as employed (full-time employed or part-time employed, and self-employed) and unemployed (student, retired, long-term medical leave, or other). [3] Low: no studies or incomplete basic [primary] education; mid: secondary studies, high school studies, tertiary or technological studies or technical-professional training; and high: university studies [bachelor's degree], postgraduate, specialisation, master's degree, and doctorate.

Table 2. Prevalence of sexual risk behaviour and syndemic condition variables according sex work engagement

Variables	Other MSM (n=51,654; 97.2%) N / *Mean* (%)	MSM-SW (n=1,443; 2.72%) N / *Mean* (%)	p-value[a] *t-test* – chi-square
nsCAI			0.656
0–10	46,906 (90.8)	1,107 (76.7)	
11+	4,748 (9.2)	336 (23.3)	
Syndemic Conditions			
Multidrug Use			0.258
No	48,766 (95.8)	1,248 (88.1)	
Yes	2,135 (4.2)	168 (11.9)	
Homophobic Abuse			0.041
None/intimation	38,799 (75.6)	897 (62.8)	
Verbal/physical assaults	12,538 (24.4)	532 (37.2)	
Depression/Anxiety			0.913
Normal/mild	44,482 (87.0)	1,220 (85.3)	
Moderate/severe	6,622 (13.0)	210 (14.7)	
Alcohol Dependency			0.793
No	40,439 (79.1)	1,015 (71.0)	
Yes	10.670 (20.9)	413 (28.9)	
Internalised Homonegativity	*1.71*	*1.75*	*0.288*

Notes: MSM: men who have sex with men. MSM-SW: men who have sex with men who were paid for sex 3 times or more in the previous 12 months. nsCAI: Non-steady condomless anal intercourse. [a] p-value for the tests examined within the randomly chosen sample of 1,000 respondents.

Table 3. Results from multivariable ordered logistic regressions showing effects syndemic conditions and condomless anal intercourse on sex work engagement

	Sex work engagement	
	OR (95% CI)	aOR (95% CI)
nsCAI with 11+ partners [1]	6.01 (4.52–7.99)[c]	5.35 (3.99–7.17)[c]
Multidrug Use[2]	3.07 (2.60–3.63)[c]	2.62 (2.19–3.12)[c]
Homophobic Abuse[3]	1.83 (1.64–2.04)[c]	1.69 (1.50–1.89)[c]
Alcohol Dependency[2]	1.54 (1.37–1.73)[c]	1.32 (1.16–1.49)[c]
Internalised Homonegativity	1.02 (0.98–1.06)	-
Depression/Anxiety[4]	1.15 (0.99–1.34)	-
Observations	-	50,795

Notes: Significance levels [a]p < 0.1, [b]p < 0.05, [c]p < 0.01. O: Odds ratio. aOR: Adjusted odds ratio. CI: Confidence interval. CAI: Condomless anal intercourse. All adjusted models are controlled for age, income, education, sexual identity, gender identity, country of residence. [1] Reference category: 0-10 nsCAI partners. [2] Reference category: no. [3] Reference category: none/intimation. [4] Reference category: none or mild.

Table 4. Defined Parameters of the Structural Equation Modelling, standardized coefficients

Defined Parameters	β	SE	p-value	Proportion of effect meditated by syndemic conditions (%, 95% CI)
(1) Sex work → nsCAI	0.042	0.054	<0.001	
(2) Sex work → Syndemic Conditions → nsCAI	0.041	0.064	<0.001	48.8% (35.1–61.6)

Notes: nsCAI: Non-steady condomless anal intercourse with 11+ partners. (1) Direct relationship between sex work engagement and CAI. (2) Relationship between sex work engagement and CAI mediated by syndemic conditions. β: standardized coefficients in SEM; SE: robust standard errors.