

Supplementary Table 1: Profile of the population according to sexual orientation/gender identity and consumption of tobacco products in the 12 months prior to the survey. Brazil, 2015

	SGM									Non-SGM									Total		
	Use tobacco products			Don't use tobacco products			Total			Use tobacco products			Don't use tobacco products			Total					
	%	95% CI		%	95% CI		%	95% CI		%	95% CI		%	95% CI		%	95% CI		%	95% CI	
		LL	UL		LL	UL		LL	UL		LL	UL		LL	UL		LL	UL		LL	UL
Sex																					
Male	68.4	55.8	81.0	56.6	44.3	69.0	61.9	52.9	70.9	58.6	56.4	60.8	46.4	45.8	46.9	48.5	48.3	48.6	48.6	48.4	48.7
Female	31.6	19.0	44.2	43.4	31.0	55.7	38.1	29.1	47.1	41.4	39.2	43.6	53.6	53.1	54.2	51.6	51.4	51.7	51.4	51.3	51.6
Age																					
12 to 24 years	24.1	12.0	36.3	30.8	17.6	44.0	27.8	18.6	37.0	20.2	17.9	22.6	29.5	29.0	30.0	27.9	27.7	28.1	27.9	27.7	28.1
25 to 34 years	52.4	38.5	66.3	36.2	23.7	48.7	43.5	34.3	52.6	19.9	18.2	21.6	20.4	20.1	20.8	20.3	20.2	20.5	20.6	20.4	20.7
35 to 65 years	23.5	14.2	32.7	33.0	22.1	43.9	28.7	21.6	35.9	59.9	57.6	62.2	50.1	49.6	50.6	51.8	51.6	52.0	51.5	51.4	51.7
Steady/stable partner																					
Yes	33.3	19.9	46.7	41.2	29.0	53.4	37.7	28.8	46.6	61.0	58.4	63.6	61.3	60.0	62.6	61.3	60.0	62.5	61.0	59.8	62.2
No	66.7	53.3	80.1	58.8	46.6	71.0	62.3	53.4	71.2	39.0	36.5	41.6	38.7	37.4	40.0	38.8	37.5	40.0	39.0	37.8	40.2
Schooling																					
Primary or less	19.7	8.2	31.2	13.1	4.1	22.0	16.0	8.8	23.3	55.5	52.8	58.3	42.6	41.0	44.3	44.8	43.3	46.4	44.6	43.0	46.1
Secondary	34.8	22.1	47.5	47.9	35.6	60.2	42.0	33.0	51.1	31.9	29.4	34.3	39.9	38.5	41.3	38.5	37.3	39.8	38.6	37.3	39.8
University	45.5	32.0	59.0	39.1	27.0	51.1	42.0	33.0	50.9	12.6	10.9	14.3	17.4	16.1	18.8	16.6	15.4	17.8	16.9	15.7	18.1
Religion																					
No	22.3	10.5	34.0	20.8	10.0	31.6	21.4	13.2	29.7	13.6	11.9	15.4	7.5	6.7	8.3	8.5	7.7	9.3	8.7	7.9	9.4
Yes	77.7	66.0	89.5	79.2	68.4	90.0	78.6	70.4	86.8	86.4	84.6	88.2	92.5	91.7	93.3	91.5	90.7	92.3	91.4	90.6	92.1
Alcohol consumption*																					
Yes	85.8	75.4	96.2	63.1	50.1	76.1	73.2	64.4	82.1	67.1	64.7	69.6	38.0	36.6	39.4	42.9	41.6	44.3	43.2	41.9	44.6
No	14.2	3.8	24.7	36.9	23.9	49.9	26.8	18.0	35.6	32.9	30.4	35.3	62.0	60.6	63.4	57.1	55.7	58.4	56.8	55.4	58.1
Consumption of any drug*																					
Yes	35.3	22.5	48.0	13.1	5.2	20.9	23.0	15.5	30.5	11.5	9.8	13.2	1.3	1.0	1.7	3.1	2.6	3.5	3.3	2.8	3.7
No	64.7	52.0	77.5	87.0	79.1	94.8	77.0	69.6	84.5	88.5	86.8	90.2	98.7	98.3	99.0	96.9	96.5	97.4	96.8	96.3	97.2
Victim of violence*																					
Yes	28.3	14.4	42.2	10.1	1.9	18.2	18.2	10.2	26.2	10.9	9.1	12.7	5.5	4.9	6.1	6.4	5.8	7.0	6.5	5.9	7.1
No	71.7	57.8	85.6	90.0	81.8	98.1	81.8	73.8	89.8	89.1	87.3	90.9	94.5	94.0	95.1	93.6	93.0	94.2	93.5	92.9	94.1
Depression/Anxiety																					
Yes	27.6	15.7	39.5	12.7	3.3	22.1	19.3	11.8	26.9	22.3	20.2	24.4	14.7	13.5	15.8	16.0	14.9	17.0	16.0	14.9	17.1
No	72.4	60.6	84.3	87.3	77.9	96.7	80.7	73.1	88.2	77.7	75.6	79.8	85.4	84.2	86.5	84.1	83.0	85.1	84.0	82.9	85.1
Notes: *In the 12 months prior to the survey; 95%CI: 95% confidence interval; LL: lower limit of 95%CI; UL: upper limit of 95%CI																					
SGM comprise (for the purposes of this analysis) homosexuals, bisexuals, transvestites, and transsexuals																					
Non-SGM can be roughly defined as those who define themselves as heterosexuals																					

Supplementary Table 2: Prevalence of use of tobacco products in the 12 months prior to the survey according to sexual orientation/gender identity. Brazil, 2015

	SGM			Non-SGM			Total		
	%	95% CI		%	95% CI		%	95% CI	
		LL	UL		LL	UL		LL	UL
Any tobacco product	44.7	35.1	54.2	17.0	16.2	17.9	17.3	16.5	18.1
Smoked tobacco products	44.7	35.1	54.2	16.8	16.0	17.7	17.1	16.3	17.9
Industrialized cigarettes	39.5	29.9	49.2	15.1	14.3	15.9	15.3	14.6	16.1
Straw cigarettes	6.0	1.3	10.8	3.8	3.3	4.4	3.9	3.3	4.4
Waterpipe	13.5	7.2	19.8	1.6	1.2	1.9	1.7	1.3	2.0
Kretek cigarettes	8.3	3.6	13.1	0.9	0.7	1.0	0.9	0.7	1.1
Smokeless tobacco (chewing tobacco, snuff)	0.5	0.0	1.5	0.6	0.5	0.8	0.6	0.5	0.8
Cigars	3.5	0.0	7.4	0.6	0.4	0.7	0.6	0.5	0.8
Electronic cigarettes	2.9	0.3	5.5	0.4	0.2	0.6	0.4	0.3	0.6
Cigarillos	1.6	0.0	3.2	0.3	0.2	0.4	0.3	0.2	0.5
Pipes	1.7	0.0	3.8	0.3	0.2	0.4	0.3	0.2	0.4
Notes: 95%CI: 95% confidence interval; LL: lower limit of 95%CI; UL: upper limit of 95%CI SGM comprise (for the purposes of this analysis) homosexuals, bisexuals, transvestites, and transsexuals Non-SGM can be roughly defined as those who define themselves as heterosexuals									

Supplementary Table 3: Prevalence of use of tobacco products in the 12 months prior to the survey according to sexual orientation/gender identity and other characteristics. Brazil, 2015

			SGM				Non-SGM				Total		
			%	95% CI			%	95% CI			%	95% CI	
				LL	UL			LL	UL			LL	UL
Total			44.7	35.1	54.2		17.0	16.2	17.9		17.3	16.5	18.1
Sex													
	Male		49.4	36.9	61.8		20.6	19.2	21.9		20.9	19.6	22.3
	Female		37.0	23.2	50.9		13.7	12.8	14.6		13.8	12.9	14.8
Age													
	12 to 24 years		38.8	18.9	58.6		12.3	10.7	14.0		12.6	11.0	14.2
	25 to 34 years		53.9	39.1	68.7		16.6	15.0	18.2		17.4	15.8	19.0
	35 to 65 years		36.5	23.9	49.1		19.7	18.6	20.8		19.8	18.7	20.9
Steady/stable partner													
	Yes		39.5	25.1	53.9		16.9	15.9	18.0		17.1	16.0	18.1
	No		47.8	35.1	60.5		17.1	15.9	18.4		17.6	16.4	18.9
Schooling													
	Primary or less		54.9	30.5	79.4		21.1	19.8	22.4		21.2	19.9	22.5
	Secondary		37.0	23.1	50.8		14.1	12.9	15.3		14.3	13.1	15.5
	University		48.5	34.5	62.5		12.9	11.3	14.6		13.8	12.1	15.4
Religion													
	No		46.4	25.7	67.1		27.2	24.0	30.4		27.7	24.5	30.8
	Yes		44.2	33.8	54.7		16.1	15.2	16.9		16.3	15.5	17.2
Alcohol consumption*													
	Yes		52.3	41.4	63.2		26.6	25.2	28.1		27.0	25.6	28.5
	No		23.8	6.8	40.7		9.8	9.0	10.6		9.9	9.0	10.7
Consumption of any illicit drug*													
	Yes		68.6	52.0	85.2		64.0	56.9	71.0		64.3	57.5	71.0
	No		37.6	26.8	48.3		15.5	14.8	16.3		15.7	14.9	16.5
Victim of violence*													
	Yes		69.5	48.0	90.9		29.0	24.8	33.2		30.1	26.0	34.2
	No		39.2	28.7	49.6		16.2	15.4	17.0		16.4	15.6	17.2
Depression/Anxiety													
	Yes		63.7	41.5	85.8		23.8	21.6	26.0		24.2	22.0	26.5
	No		40.1	29.9	50.3		15.7	14.9	16.6		16.0	15.1	16.8
Notes: *In the 12 months prior to the survey; 95%CI: 95% confidence interval; LL: lower limit of 95%CI; UL: upper limit of 95%CI													
SGM comprise (for the purposes of this analysis) homosexuals, bisexuals, transvestites, and transsexuals													
Non-SGM can be roughly defined as those who define themselves as heterosexuals													

Supplementary Table 4: Additional information on statistical modeling, including findings from bivariate analyses. Brazil, 2025

		Total (n=15,801)				Non-SGM (n=15,641)				SGM (n=160)			
		UOR	95% CI		p value	UOR	95% CI		p value	UOR	95% CI		p value
			LL	UL			LL	UL			LL	UL	
Sexual orientation/ gender identity													
	Non-SGM	1.00	-	-	-	-	-	-	-	-	-	-	-
	SGM	3.94	2.66	5.84	<0.001	-	-	-	-	-	-	-	-
Sex													
	Male	1.65	1.48	1.84	<0.001	1.64	1.47	1.83	<0.001	1.66	0.77	3.59	0.204
	Female	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Age													
	12 to 24 years	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
	25 to 34 years	1.46	1.22	1.76	<0.001	1.42	1.17	1.72	<0.001	1.85	0.67	5.10	0.242
	35 to 65 years	1.71	1.46	2.02	<0.001	1.75	1.48	2.06	<0.001	0.91	0.35	2.33	0.841
Steady/stable partner													
	Yes	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
	No	1.04	0.93	1.16	0.51	1.01	0.91	1.14	0.80	1.40	0.64	3.09	0.404
Schooling													
	Primary or less	1.68	1.44	1.97	<0.001	1.80	1.53	2.13	<0.001	1.30	0.41	4.07	0.66
	Secondary	1.04	0.88	1.24	0.62	1.10	0.92	1.32	0.28	0.62	0.28	1.39	0.252
	University	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Religion													
	No	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
	Yes	0.51	0.43	0.60	<0.001	0.51	0.43	0.61	<0.001	0.91	0.37	2.27	0.848
Alcohol consumption*													
	Yes	3.39	3.01	3.80	<0.001	3.34	2.97	3.75	<0.001	2.94	1.04	8.29	0.046
	No	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Consumption of any illicit drug*													
	Yes	9.66	7.15	13.04	<0.001	9.65	7.06	13.19	<0.001	3.63	1.47	8.96	0.007
	No	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Victim of violence*													
	Yes	2.20	1.79	2.69	<0.001	2.12	1.72	2.61	<0.001	3.53	1.18	10.56	0.027
	No	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Depression/Anxiety													
	Yes	1.68	1.48	1.92	<0.001	1.67	1.46	1.90	<0.001	2.61	0.94	7.30	0.071
	No	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Notes: *In the 12 months prior to the survey; UOR: unadjusted odds ratio; 95%CI: 95% confidence interval; LL: lower limit of 95%CI; UL: upper limit of 95%CI SGM comprise (for the purposes of this analysis) homosexuals, bisexuals, transvestites, and transsexuals Non-SGM can be roughly defined as those who define themselves as heterosexuals													

Supplementary Table 5: Factors associated with the use of tobacco products in the 12 months prior to the survey. Brazil, 2015

		Total (n=15,801)				Non-SGM (n=15,641)				SGM (n=160)			
		AOR	95% CI		p value	AOR	95% CI		p value	AOR	95% CI		p value
			LL	UL			LL	UL			LL	UL	
Sexual orientation/ gender identity													
	SGM	1.00	-	-	-	-	-	-	-	-	-	-	-
	Non-SGM	2.52	1.61	3.95	<0.001	-	-	-	-	-	-	-	-
Sex													
	Male	1.36	1.22	1.53	<0.001	1.36	1.21	1.52	<0.001	1.64	0.59	4.57	0.352
	Female	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Age													
	12 to 24 years	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
	25 to 34 years	1.61	1.30	2.01	<0.001	1.59	1.27	1.99	<0.001	2.39	0.83	6.92	0.114
	35 to 65 years	2.12	1.76	2.55	<0.001	2.13	1.76	2.57	<0.001	1.03	0.33	3.25	0.956
Steady/stable partner													
	Yes	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
	No	1.29	1.14	1.47	<0.001	1.29	1.14	1.47	<0.001	1.13	0.43	2.94	0.810
Schooling													
	Primary or less	2.70	2.26	3.23	<0.001	2.69	2.24	3.22	<0.001	4.53	1.14	18.04	0.037
	Secondary	1.50	1.24	1.81	<0.001	1.49	1.23	1.81	<0.001	1.13	0.38	3.37	0.828
	University	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Religion													
	No	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
	Yes	0.64	0.52	0.78	<0.001	0.63	0.51	0.77	<0.001	1.47	0.46	4.71	0.519
Alcohol consumption*													
	Yes	3.26	2.87	3.70	<0.001	3.25	2.86	3.70	<0.001	2.94	1.04	8.29	0.046
	No	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Consumption of any illicit drug*													
	Yes	7.26	5.16	10.20	<0.001	7.48	5.25	10.65	<0.001	4.35	1.20	15.80	0.030
	No	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Victim of violence*													
	Yes	1.65	1.33	2.04	<0.001	1.62	1.30	2.02	<0.001	3.55	1.05	11.99	0.046
	No	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Depression/Anxiety													
	Yes	1.73	1.49	2.00	<0.001	1.72	1.48	1.99	<0.001	3.20	1.10	9.36	0.038
	No	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-
Notes: *In the 12 months prior to the survey; AOR: adjusted odds ratio; 95%CI: 95% confidence interval; LL: lower limit of 95%CI; UL: upper limit of 95%CI SGM comprise (for the purposes of this analysis) homosexuals, bisexuals, transvestites, and transsexuals Non-SGM can be roughly defined as those who define themselves as heterosexuals													