

Appendix 1. Bivariate associations with different methods of meeting male sex partners among gay men from Melbourne, Sydney Queensland, Adelaide and Perth, 2014

	Venues only (n=948)	Mobile only (n = 279)	Internet only (n = 160)	Mobile and internet only (n = 259)	Mobile and venues (n=688)	Internet and venues (n=322)	Mobile, internet and venues (n=1460)	F or X ² test result	p value
	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)		
Age – mean (SD)	41.9 (13.7)	31.1 (9.6)	39.4 (13.1)	33.5 (10.5)	31.7 (9.2)	43.2 (13.6)	34.7 (10.2)	127.8	<.001
Aboriginal or Torres Strait Islander heritage	31 (3.3)	9 (3.2)	5 (3.2)	10 (3.9)	21 (3.1)	12 (3.8)	52 (3.6)	0.53 (4)	.99
Employment status									
Employed	691 (73.4)	224 (80.9)	111 (69.4)	205 (79.2)	560 (81.4)	234 (72.9)	1175 (80.8)	27.7 (4)	<.001
Education levels								28.1 (12)	<.001
Up to year 10 of high school	96 (10.2)	13 (4.7)	23 (14.4)	16 (6.2)	36 (5.2)	25 (7.8)	102 (7.0)		
Year 12 of high school (leaving certificate)	155 (16.5)	54 (19.6)	25 (15.6)	58 (22.4)	122 (17.7)	49 (15.3)	277 (19.0)		
Trade certificate	207 (22.0)	62 (22.5)	28 (17.5)	56 (21.6)	132 (19.2)	75 (23.4)	339 (23.3)		
University degree	481 (51.2)	146 (53.1)	84 (52.5)	129 (49.8)	398 (57.8)	172 (53.6)	737 (50.7)		
Any anal intercourse without condoms with casual male partners in the previous six months	189 (19.9)	50 (17.9)	30 (18.8)	82 (31.7)	224 (32.6)	115 (35.7)	627 (42.9)	170.7 (4)	<.001
Any anal intercourse without condoms with regular male partners in the previous six months	248 (26.2)	94 (33.7)	59 (36.9)	79 (30.5)	247 (35.9)	93 (28.9)	541 (37.1)	36.0 (4)	<.001

No. of male sex partners in previous six months									742.4 (16)	<.001
0-1	177 (18.8)	71(25.6)	54 (34.0)	25 (9.7)	18 (2.6)	15 (4.7)	33 (2.3)			<.001
2-5	404 (42.8)	153 (55.0)	83 (52.2)	152 (58.9)	290 (42.5)	127 (39.9)	380 (26.2)			
6-10	163 (17.3)	26 (9.4)	10 (6.3)	56 (21.7)	172 (25.2)	68 (21.4)	360 (24.8)			
11 – 20	105 (11.1)	18 (6.5)	7 (4.4)	15 (5.8)	119 (17.4)	49 (15.4)	299 (20.6)			
21-50	67 (7.1)	8 (2.9)	4 (2.5)	7 2.7)	63 (9.2)	44 (13.8)	269 (18.6)			
More than 50	27 (2.9)	2 (0.7)	1 (0.6)	3 (1.2)	20 (2.9)	15 (4.7)	108 (7.5)			
Any STI test in previous 12 months	672 (70.9)	218 (78.1)	116 (72.5)	191 (73.7)	564 (82.0)	252 (78.3)	1231 (84.3)	71.7 (4)		<.001
STI diagnosis in previous 12 months	94 (10.4)	29 (10.7)	11 (7.4)	32 (12.8)	143 (21.5)	56 (17.6)	337 (24.1)	101.9 (4)		<.001
HIV test in previous 12 months	590 (64.7)	213 (77.7)	114 (73.5)	184 (72.4)	555 (82.5)	227 (73.5)	1163 (82.1)	110.9 (4)		<.001
HIV status										
HIV-positive	100 (10.5)	12 (4.4)	16 (10.4)	19 (7.5)	42 (6.1)	55 (17.1)	184 (12.6)	60.9 (8)		<.001
HIV-negative	729 (76.9)	229 (83.9)	120 (77.9)	211 (83.4)	582 (84.6)	233(72.4)	1150 (78.8)			
Unknown/untested	119 (12.6)	32 (11.7)	18 (11.7)	23 (9.1)	64 (9.3)	34 (10.6)	(126 (8.6)			
Any illicit drug use in previous six months	569 (60.0)	166 (59.5)	93 (58.1)	159 (61.4)	487 (70.8)	240 (74.5)	1090 (74.7)	87.5 (4)		<.001
Number of offline places used to meet sex partners-mean (SD)	2.16 (1.50)	0	0	0	2.42 (1.53)	2.61 (1.83)	3.50 (2.36)	433		<.001
City of recruitment								42.1 (16)		<.001
Sydney	401 (26.9)	88 (31.5)	50 (31.3)	80 (30.9)	261(17.5)	110 (7.4)	502 (33.6)			
Melbourne	246 (19.6)	95 (34.1)	46 (28.7)	85 (32.8)	205 (16.4)	93 (7.4)	482 (38.5)			
Brisbane	147 (22.8)	35 (12.5)	24 (15.0)	49 (18.9)	97 (15.0)	57 (8.8)	237 (36.7)			
Adelaide	81 (23.1)	34 (12.2)	17 (10.6)	24 (9.3)	55 (15.7)	24 (6.9)	115 (32.9)			
Perth	73 (19.4)	27 (9.7)	23 (14.4)	21 (8.1)	70 (18.6)	38 (10.1)	124 (33.0)			