

Supplementary Material

Frequency and determinants of consistent STI/HIV testing among men who have sex with men testing at STI outpatient clinics in the Netherlands: A longitudinal study

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Table S1 Proportion and determinants of consistent testing compared to single testing among MSM aged 14-89 years, who tested at STI clinics in the Netherlands between June 1st 2014 and December 31st 2015, using baseline consultations.

	Single testers		Consistent (6-monthly) testers					
	n	%	n	%	Crude		Adjusted	
					OR	95% CI	OR	95% CI
Total	9,668	51.9	3,516	18.9				
Age (years)								
14-26	2,746	57.2	760	15.8	1	.	1	.
27-35	2,249	51.3	804	18.3	1.29	(1.15-1.45)	1.04	(0.91-1.18)
36-47	2,335	47.6	1,053	21.5	1.63	(1.46-1.81)	1.15*	(1.01-1.30)
48+	2,338	51.4	899	19.8	1.39	(1.24-1.55)	1.00	(0.88-1.14)
Reported sexual orientation								
Homosexual	7,410	49.0	3,115	20.6	1	.	1	.
Bisexual	2,258	64.5	401	11.5	0.42	(0.38-0.47)	0.44**	(0.38-0.50)
Region of STI clinic †								
Limburg	544	46.2	224	19.0	1	.	-	-
Noord-Holland/Flevoland	3,744	46.9	1,830	22.9	1.19	(1.01-1.40)	-	-
Noord-Nederland	480	63.6	81	10.7	0.41	(0.31-0.54)	-	-
Oost-Nederland	1,487	49.7	525	17.5	0.86	(0.71-1.03)	-	-
Utrecht	591	66.2	81	9.1	0.33	(0.25-0.44)	-	-
Zeeland/Brabant	1,132	55.3	334	16.3	0.72	(0.59-0.87)	-	-
Zuid-Holland Noord	526	65.0	182	22.5	0.84	(0.67-1.06)	-	-
Zuid-Holland Zuid	1,164	59.1	259	13.1	0.54	(0.44-0.66)	-	-
Follow-up time								
≤ 365 days	4,455	67.9	1,314	20.0	1	.	1	.
> 365 days	5,213	43.2	2,202	18.2	1.43	(1.32-1.55)	1.06	(0.97-1.17)
Socio-economic status								
High	3,215	49.4	1,236	19.0	1	.	1	.
Medium	2,680	52.0	982	19.1	0.95	(0.86-1.05)	1.05	(0.94-1.17)
Low	2,882	52.9	1,054	19.4	0.95	(0.86-1.05)	1.03	(0.93-1.15)
Missing values	891	58.1	244	15.9	0.71	(0.61-0.83)	0.68**	(0.57-0.81)
Education level								
High	4,858	57.7	1,372	16.3	1	.	1	.
Low	2,517	56.2	814	18.2	1.15	(1.04-1.26)	1.18*	(1.06-1.32)
Missing values	2,293	40.0	1,330	23.2	2.05	(1.88-2.25)	1.75**	(1.57-1.95)
Ethnicity								
Dutch	7,009	52.4	2,466	18.4	1	.	1	.
Western non-Dutch	852	52.8	292	18.1	0.97	(0.85-1.12)	0.83*	(0.71-0.97)
Non-Western	1,794	49.6	754	20.9	1.19	(1.08-1.32)	1.19*	(1.07-1.33)
Missing values	13	65.0	4	20.0				
Number of sex partners in past 6 months								
0-2	2,789	65.5	509	12.0	1	.	1	.
3-4	2,523	56.4	711	15.9	1.54	(1.36-1.75)	1.64**	(1.43-1.88)
5-9	2,141	48.4	848	19.2	2.17	(1.92-2.46)	2.20**	(1.92-2.51)
10+	1,981	40.0	1,330	26.9	3.68	(3.27-4.14)	3.50**	(3.07-3.99)
Missing values	234	44.3	118	22.4				

Condom use at last contact								
No	5,701	54.0	1,863	17.6	1	.	1	.
Yes	3,442	48.1	1,485	20.8	1.32	(1.22-1.43)	1.19**	(1.09-1.30)
Missing values	525	57.3	168	18.3				
Received partner notification								
No	7,424	51.4	2,741	19.0	1	.	1	.
Yes	2,196	53.4	767	18.6	0.95	(0.86-1.04)	0.83**	(0.75-0.92)
Missing values	48	61.5	8	10.3				
Reported STI symptoms								
No	7,068	51.5	2,665	19.4	1	.	1	.
Yes	2,533	52.8	841	17.5	0.88	(0.81-0.96)	0.74**	(0.67-0.82)
Missing values	67	66.3	10	9.9				
Known HIV positive								
No	8,689	53.4	2,897	17.8	1	.	1	.
Yes	867	39.0	610	27.5	2.11	(1.89-2.36)	1.30**	(1.14-1.48)
Missing values	112	73.2	9	5.9				
GO/CT/SYPH in past 2 years								
No	7,811	55.5	2,395	17.0	1	.	1	.
Yes	1,200	33.4	1,005	28.0	2.73	(2.48-3.01)	2.33**	(2.09-2.59)
Missing values	657	67.6	116	11.9				
Commercial sex worker †								
No	9,364	51.9	3,388	18.8	1	.	-	-
Yes	188	50.8	82	22.2	1.21	(0.93-1.57)	-	-
Missing values	116	54.0	46	21.4				
Client of commercial sex worker †								
No	9,195	51.4	3,402	19.0	1	.	-	-
Yes	347	65.0	75	14.0	0.58	(0.45-0.75)	-	-
Missing values	126	56.7	39	17.6				

† Not included in multivariable analysis due to small numbers

* P-value <0.05 ** P-value < 0.001

OR, odds ratio; GO, gonorrhoea; CT, Chlamydia; SYPH, syphilis.