

Tab. 1a Adjusted Odds Ratios from a multivariable logistic regression for self-reported previous STI (diagnosed positive)

Previous STI	Odds Ratio	p-value	95% CI	
Age group				
18-20	ref.			
21-30	1.55	0.313	0.66	3.61
31-40	2.59	0.029	1.10	6.07
41-50	2.96	0.023	1.16	7.54
>50	4.74	0.006	1.56	14.48
Number of sexual male partners in the last 12 months				
1	ref.			
2-4	0.72	0.289	0.40	1.32
5-12	1.66	0.091	0.92	3.00
>12	2.60	0.002	1.42	4.73
Frequency of visiting gay clubs, bars, discos to meet sexual partners				
Many times	ref.			
Sometimes	1.09	0.776	0.60	1.98
Rarely	1.52	0.173	0.83	2.79
Doesn't visit	0.98	0.955	0.48	2.01
Condom use in last sexual intercourse				
No	ref.			
Yes	0.48	0.001	0.31	0.75
Popper use before or during last sexual intercourse				
No	ref.			
Yes	1.34	0.346	0.73	2.45
Alcohol use before or during last sexual intercourse				
No	ref.			
Yes	1.29	0.237	0.85	1.95

Tab. 2a Adjusted Odds Ratios from a multivariable MIXED EFFECT logistic regression for self-reported previous STI (diagnosed positive) with age group as a random effect

Previous STI	Odds Ratio	p-value	95% CI	
FIXED EFFECT				
Number of sexual male partners in the last 12 months				
1	ref.			
2-4	0.73	0.302	0.40	1.33
5-12	1.67	0.086	0.93	3.01
>12	2.68	0.001	1.47	4.89
Frequency of visiting gay clubs, bars, discos to meet sexual partners				
Many times	ref.			
Sometimes	1.10	0.750	0.61	2.00
Rarely	1.55	0.156	0.85	2.83
Doesn't visit	1.02	0.953	0.50	2.09
Condom use in last sexual intercourse				
No	ref.			
Yes	0.47	0.001	0.30	0.74
Popper use before or during last sexual intercourse				
No	ref.			
Yes	1.34	0.343	0.73	2.44
Alcohol use before or during last sexual intercourse				
No	ref.			
Yes	1.29	0.224	0.85	1.96
RANDOM EFFECT				
AGE GROUP (var)	0.11		0.01	1.18

Tab. 3a Adjusted Odds Ratios from a multivariable MIXED EFFECT logistic regression for self-reported previous STI (diagnosed positive) with number of sexual male partners in the last 12 months as a random effect

Previous STI	Odds Ratio	p-value	95% CI	
FIXED EFFECT				
Age group				
18-20	ref.			
21-30	1.56	0.303	0.67	3.64
31-40	2.65	0.024	1.13	6.22
41-50	3.04	0.020	1.20	7.75
>50	4.76	0.006	1.57	14.45
Frequency of visiting gay clubs, bars, discos to meet sexual partners				
Many times	ref.			
Sometimes	1.08	0.806	0.59	1.96
Rarely	1.47	0.216	0.80	2.68
Doesn't visit	0.91	0.794	0.44	1.86
Condom use in last sexual intercourse				
No	ref.			
Yes	0.50	0.002	0.32	0.78
Popper use before or during last sexual intercourse				
No	ref.			
Yes	1.40	0.270	0.77	2.57
Alcohol use before or during last sexual intercourse				
No	ref.			
Yes	1.30	0.219	0.86	1.97
RANDOM EFFECT				
Number of sexual male partners in the last 12 months (var)	0.19		0.03	1.04

Tab. 4a Adjusted Odds Ratios from a multivariable MIXED EFFECT logistic regression for self-reported previous STI (diagnosed positive) with condom use in last sexual intercourse as a random effect

Previous STI	Odds Ratio	p-value	95% CI	
FIXED EFFECT				
Age group				
18-20	ref.			
21-30	1.54	0.317	0.66	3.60
31-40	2.59	0.029	1.11	6.06
41-50	2.96	0.023	1.16	7.54
>50	4.78	0.006	1.57	14.52
Number of sexual male partners in the last 12 months				
1	ref.			
2-4	0.69	0.233	0.38	1.27
5-12	1.56	0.139	0.86	2.83
>12	2.43	0.004	1.32	4.44
Frequency of visiting gay clubs, bars, discos to meet sexual partners				
Many times	1.10	0.757	0.61	2.00
Sometimes	1.54	0.165	0.84	2.81
Rarely	0.99	0.970	0.48	2.02
Doesn't visit				
Popper use before or during last sexual intercourse				
No	ref.			
Yes	1.35	0.331	0.74	2.46
Alcohol use before or during last sexual intercourse				
No	ref.			
Yes	1.28	0.250	0.84	1.94
RANDOM EFFECT				
Condom use in last sexual intercourse (var)	0.10		0.01	1.21