

Tab. 1c Adjusted Odds Ratios from a multivariable logistic regression for self-reported HIV positive serostatus

HIV positive serostatus	Odds Ratio	p-value	95% CI	
Age group				
18-20	ref.			
21-30	1.73	0.470	0.39	7.71
31-40	3.79	0.076	0.87	16.56
41-50	6.58	0.015	1.44	30.01
>50	9.45	0.007	1.86	47.89
Number of sexual male partners in the last 12 months				
1	ref.			
2-4	1.85	0.154	0.79	4.30
5-12	1.40	0.483	0.55	3.58
>12	3.58	0.004	1.50	8.54
Frequency of visiting gay clubs, bars, discos to meet sexual partners				
Many times	ref.			
Sometimes	0.41	0.039	0.18	0.95
Rarely	1.15	0.720	0.54	2.42
Doesn't visit	1.02	0.963	0.43	2.42
Condom use in last sex intercourse				
No	ref.			
Yes	1.35	0.383	0.69	2.63
Popper use before or during last sex intercourse				
No	ref.			
Yes	2.07	0.059	0.97	4.41
Alcohol use before or during last sex intercourse				
No	ref.			
Yes	0.66	0.186	0.35	1.23

Tab. 2c Adjusted Odds Ratios from a multivariable MIXED EFFECT logistic regression for self-reported HIV positive serostatus with age group as a random effect

HIV positive serostatus	Odds Ratio	p-value	95% CI	
FIXED EFFECT				
Number of sexual male partners in the last 12 months				
1	ref.			
2-4	1.85	0.153	0.80	4.30
5-12	1.42	0.468	0.55	3.62
>12	3.69	0.003	1.54	8.81
Frequency of visiting gay clubs, bars, discos to meet sexual partners				
Many times	ref.			
Sometimes	0.42	0.045	0.18	0.98
Rarely	1.18	0.661	0.56	2.50
Doesn't visit	1.09	0.842	0.46	2.58
Condom use in last sex intercourse				
No	ref.			
Yes	1.33	0.399	0.68	2.60
Popper use before or during last sex intercourse				
No	ref.			
Yes	2.02	0.067	0.95	4.29
Alcohol use before or during last sex intercourse				
No	ref.			
Yes	0.66	0.189	0.35	1.23
RANDOM EFFECT				
AGE GROUP (var)	0.40		0.07	2.42

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

HIV positive serostatus	Odds Ratio	p-value	95% CI	
FIXED EFFECT				
Age group				
18-20	ref.			
21-30	1.80	0.439	0.41	8.01
31-40	4.03	0.064	0.92	17.60
41-50	6.93	0.012	1.52	31.56
>50	9.80	0.006	1.94	49.60
Frequency of visiting gay clubs, bars, discos to meet sexual partners				
Many times	ref.			
Sometimes	0.41	0.038	0.18	0.95
Rarely	1.10	0.796	0.52	2.33
Doesn't visit	0.91	0.824	0.38	2.14
Condom use in last sex intercourse				
No	ref.			
Yes	1.45	0.276	0.74	2.81
Popper use before or during last sex intercourse				
No	ref.			
Yes	2.24	0.036	1.05	4.78
Alcohol use before or during last sex intercourse				
No	ref.			
Yes	0.66	0.197	0.36	1.24
RANDOM EFFECT				
Number of sexual male partners in the last 12 months (var)	0.14		0.02	1.21

Tab. 4c Adjusted Odds Ratios from a multivariable MIXED EFFECT logistic regression for self-reported HIV positive serostatus with frequency of visiting gay clubs, bars, discos to meet sexual partners as a random effect

HIV positive serostatus	Odds Ratio	p-value	95% CI	
FIXED EFFECT				
Age group				
18-20	ref.			
21-30	1.71	0.482	0.38	7.59
31-40	3.72	0.080	0.85	16.22
41-50	6.55	0.015	1.44	29.86
>50	9.43	0.007	1.87	47.53
Number of Partner				
1	ref.			
2-4	1.82	0.165	0.78	4.22
5-12	1.34	0.539	0.53	3.39
>12	3.32	0.006	1.41	7.83
Condom use last sex intercourse				
No	ref.	0.757	0.61	2.00
Yes	1.32	0.411	0.68	2.57
Popper use last sex intercourse				
No	ref.			
Yes	2.05	0.061	0.97	4.35
Alcohol use last sex intercourse				
No	ref.			
Yes	0.63	0.149	0.34	1.18
RANDOM EFFECT				
Frequency of visiting gay clubs, bars, discos to meet sexual partners (var)	0.09		0.01	1.02