

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

| Current STI | Odds Ratio | p-value | 95% CI | |
|--|-------------|---------|--------|-------|
| Age group | | | | |
| 18-20 | ref. | | | |
| 21-30 | 0.39 | 0.192 | 0.10 | 1.60 |
| 31-40 | 0.89 | 0.866 | 0.24 | 3.37 |
| 41-50 | 3.73 | 0.052 | 0.99 | 14.05 |
| >50 | 1.18 | 0.862 | 0.18 | 7.78 |
| Number of sexual male partners in the last 12 months | | | | |
| 1 | ref. | | | |
| 2-4 | 0.59 | 0.399 | 0.18 | 2.00 |
| 5-12 | 2.26 | 0.126 | 0.80 | 6.41 |
| >12 | 1.79 | 0.297 | 0.60 | 5.38 |
| Frequency of visiting gay clubs, bars, discos to meet sexual partners | | | | |
| Many times | ref. | | | |
| Sometimes | 3.13 | 0.150 | 0.66 | 14.79 |
| Rarely | 4.38 | 0.062 | 0.93 | 20.72 |
| Doesn't visit | 6.06 | 0.030 | 1.20 | 30.76 |
| Condom use in last sex intercourse | | | | |
| No | ref. | | | |
| Yes | 1.72 | 0.260 | 0.67 | 4.44 |
| Popper use before or during last sex intercourse | | | | |
| No | ref. | | | |
| Yes | 2.45 | 0.081 | 0.89 | 6.71 |
| Alcohol use before or during last sex intercourse | | | | |
| No | ref. | | | |
| Yes | 0.98 | 0.955 | 0.44 | 2.15 |

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

| Current STI | Odds Ratio | p-value | 95% CI | |
|--|-------------------|----------------|---------------|-------|
| FIXED EFFECT | | | | |
| Number of sexual male partners in the last 12 months | | | | |
| 1 | ref. | | | |
| 2-4 | 0.59 | 0.391 | 0.18 | 1.97 |
| 5-12 | 2.25 | 0.125 | 0.80 | 6.36 |
| >12 | 1.85 | 0.269 | 0.62 | 5.52 |
| Frequency of visiting gay clubs, bars, discos to meet sexual partners | | | | |
| Many times | ref. | | | |
| Sometimes | 3.05 | 0.158 | 0.65 | 14.29 |
| Rarely | 4.25 | 0.066 | 0.91 | 19.92 |
| Doesn't visit | 6.05 | 0.029 | 1.20 | 30.39 |
| Condom use in last sex intercourse | | | | |
| No | ref. | | | |
| Yes | 1.70 | 0.270 | 0.66 | 4.37 |
| Popper use before or during last sex intercourse | | | | |
| No | ref. | | | |
| Yes | 2.32 | 0.100 | 0.85 | 6.30 |
| Alcohol use before or during last sex intercourse | | | | |
| No | ref. | | | |
| Yes | 0.97 | 0.936 | 0.44 | 2.12 |
| RANDOM EFFECT | | | | |
| AGE GROUP (var) | 0.50 | | 0.10 | 2.43 |

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

| Current STI | Odds Ratio | p-value | 95% CI | |
|--|-------------|---------|--------|-------|
| FIXED EFFECT | | | | |
| Age group | | | | |
| 18-20 | ref. | | | |
| 21-30 | 0.39 | 0.185 | 0.10 | 1.57 |
| 31-40 | 0.93 | 0.909 | 0.25 | 3.45 |
| 41-50 | 3.83 | 0.045 | 1.03 | 14.18 |
| >50 | 1.18 | 0.864 | 0.18 | 7.63 |
| Frequency of visiting gay clubs, bars, discos to meet sexual partners | | | | |
| Many times | ref. | | | |
| Sometimes | 3.00 | 0.165 | 0.64 | 14.16 |
| Rarely | 3.84 | 0.090 | 0.81 | 18.27 |
| Doesn't visit | 4.78 | 0.060 | 0.94 | 24.35 |
| Condom use in last sex intercourse | | | | |
| No | ref. | | | |
| Yes | 1.90 | 0.177 | 0.75 | 4.83 |
| Popper use before or during last sex intercourse | | | | |
| No | ref. | | | |
| Yes | 2.62 | 0.057 | 0.97 | 7.06 |
| Alcohol use before or during last sex intercourse | | | | |
| No | ref. | | | |
| Yes | 0.97 | 0.946 | 0.44 | 2.13 |
| RANDOM EFFECT | | | | |
| Number of sexual male partners in the last 12 months (var) | 0.10 | | 0.00 | 2.90 |