Table 5. Univariable and multivariable analysis of determinants for anorectal chlamydia and/or LGV (n=63) among 682 MSM at risk for these infections attending the STI outpatient clinic of Amsterdam, February - April 2011.

	Total (N=682)	Univariable	*P* value	Multivariable[c]	*P* value
	n (% within group)	OR [95% CI]		aOR [95%CI]	
Age (years)			0.204		0.081
<35	31/264 (11.7)	1.6 [0.9-3.0]		2.0 [1.0-4.0]	
35-44	16/209 (7.7)	1.0 [0.5-2.0]		1.1 [0.5-2.2]	
≥45	16/209 (7.7)	1		1	
Ethnicity			0.008		0.013
Dutch	35/479 (7.3)	1		1	
Non-Dutch	28/203 (13.8)	2.0 [1.2-3.4]		2.0 [1.1-3.6]	
Number of sex partners[d]			0.110		0.134
Log number of sex partners[a]		1.2 [1.0-1.5]		1.2 [0.9-1.5]	
HIV status[b]			0.003		0.010
HIV-negative	28/427 (6.6)	1		1	
HIV-positive	34/253 (13.4)	2.2 [1.3-3.8]		2.2 [1.2-4.0]	
Most high-risk type of partner			0.827		
Steady partner	6/78 (7.7)	1			
Known casual/ ex-steady partner	16/198 (8.1)	1.1 [0.4-2.8]			
Casual partner	28/277 (10.1)	1.4 [0.5-3.4]			
Anonymous partner/ Sex worker/client	13/129 (10.1)	1.4 [0.5-3.7]			
Condomless Anal Sex (CAS) [d]			0.041		0.111
No CAS (always condom)	18/278 (6.5)	1		1	
CAS (no or inconsistent condom use or condom failure)	45/404 (11.1)	1.8 [1.0-3.2]		1.6 [0.9-3.0]	
Rectal douching			0.186		0.565
No rectal douching	17/240 (7.1)	1		1	
Rectal douching but not sharing equipment	31/328 (9.5)	1.4 [0.7-2.5]		1.1 [0.6-2.2]	
Rectal douching and sharing douching equipment	15/114 (13.2)	2.0 [0.95-4.1]		1.5 [0.7-3.5]	

[a] Per 1 log increase
[b] Missing number of HIV status n=2
[c] In multivariable model 680 persons were included of whom 62 had anorectal chlamydia and/or LGV.
[d] Forced in the multivariate model(Marcus)

Table 6. Univariable and multivariable analysis of determinants for anorectal gonorrhoea (n=42) among 682 MSM at risk for these infections attending the STI outpatient clinic of Amsterdam, February - April 2011.

	Total (N=682) n (% within group)	Univariable OR [95% CI]	P value	Multivariable[c] aOR [95%CI]	P value
Age (years)			0.139		0.051
<35	19/264 (7.2)	2.2 [1.0-5.4]		3.0 [1.2-7.6]	
35-44	16/209 (7.7)	2.4 [1.0-5.9]		2.8 [0.3-2.8]	
≥45	7/209 (3.3)	1		1	
Ethnicity			0.385		
Dutch	27/479 (5.6)	1			
Non-Dutch	15/203 (7.4)	1.3 [0.7-2.6]			
Number of sex partners			0.085		0.069
Log number of sex partners[a]		1.3 [1.0-1.7]		1.3 [1.0-1.7]	
HIV status[b]			0.059		0.119
HIV-negative	20/427 (4.7)	1		1	
HIV-positive	21/253 (8.3)	1.8 [1.0-3.5]		1.8 [0.9-3.6]	
Most high-risk type of partner			0.905		
Steady partner	6/78 (7.7)	1			
Known casual/ ex-steady partner	13/198 (6.6)	0.8 [0.3-2.3]			
Casual partner	16/277 (5.8)	0.7 [0.3-1.9]			
Anonymous partner/ Sex worker/client	7/129 (5.4)	0.7 [0.2-2.1]			
Condomless Anal Sex (CAS)			0.051		0.080
No CAS (always condom)	11/278 (4.0)	1		1	
CAS (no or inconsistent condom use or condom failure)	31/404 (7.7)	2.0 [1.0-4.1]		1.9 [0.9-4.0]	
Rectal douching			0.414		0.775
No rectal douching	11/240 (4.6)	1		1	
Rectal douching but not sharing equipment	24/328 (7.3)	1.6 [0.8-3.4]		1.2 [0.6-2.8]	
Rectal douching and sharing douching equipment	7/107 (6.1)	1.4 [0.5-3.6]		1.0 [0.3-2.8]	

[a] Per 1 log increase
[b] Missing number of HIV status n=2
[c] In multivariable model 680 persons were included of whom 41 had anorectal gonorrhoea.