

## Supplementary Tables

**Supplementary Table 1.** Characteristics of female clients undergoing regular testing (regular) and extended oral testing (pilot)

Characteristics	Overall N (%)	Regular testing N (%)	Pilot - extended testing N (%)	<i>P</i> -value regular vs. pilot
<b>Total</b>	1110 (100%)	1047 (100%)	63 (100%)	
<b>Age</b>				0.904
Mean (SD)	25.0 (6.79)	25.0 (6.80)	24.9 (6.63)	
Median [min, max]	23.0 [14.0, 69.0]	23.0 [14.0, 69.0]	23.0 [18.0, 52.0]	
<b>Age category</b>				0.321
<25 years	738 (66.5%)	692 (66.1%)	46 (73.0%)	
25 years and older	372 (33.5%)	355 (33.9%)	17 (27.0%)	
<b>Non-western migratory background</b>				0.350
Yes, first generation	173 (15.6%)	163 (15.6%)	10 (15.9%)	
Yes, second generation	223 (20.1%)	205 (19.6%)	18 (28.6%)	
No	712 (64.1%)	677 (64.7%)	35 (55.6%)	
Unknown	2 (0.2%)	2 (0.2%)	0 (0.0%)	
<b>Education level<sup>1</sup></b>				0.885
Low	64 (5.8%)	61 (5.8%)	3 (4.8%)	
Middle	281 (25.3%)	265 (25.3%)	16 (25.4%)	
High	731 (65.9%)	688 (65.7%)	43 (68.3%)	
Other/unknown	34 (3.1%)	33 (3.2%)	1 (1.6%)	
<b>Notified for any STI</b>	171 (15.4%)	161 (15.4%)	10 (15.9%)	1.000
<b>Notified for chlamydia</b>	121 (10.9%)	115 (11.0%)	6 (9.5%)	0.878
<b>Notified for gonorrhoea</b>	28 (2.5%)	26 (2.5%)	2 (3.2%)	1.000
<b>Any STI-related complaints</b>	470 (42.3%)	444 (42.4%)	26 (41.3%)	0.963
<b>Number of sex partners last 6 months</b>				<0.001
0 partners	13 (1.2%)	8 (0.8%)	5 (7.9%)	
1 partner	323 (29.1%)	296 (28.3%)	27 (42.9%)	
2 partners	260 (23.4%)	241 (23.0%)	19 (30.2%)	
3-5 partners	337 (30.4%)	325 (31.0%)	12 (19.0%)	
6-10 partners	89 (8.0%)	89 (8.5%)	0 (0.0%)	
≥10 partners	25 (2.3%)	25 (2.4%)	0 (0.0%)	
Unknown	63 (5.7%)	63 (6.0%)	0 (0.0%)	
<b>Sex worker</b>	67 (6.0%)	67 (6.4%)	0 (0.0%)	0.072
<b>Vaginal gonorrhoea test</b>	1109 (99.9%)	1046 (99.9%)	63 (100%)	1.000
<b>Anorectal gonorrhoea test</b>	338 (30.5%)	334 (31.9%)	4 (6.3%)	<0.001
<b>Oropharyngeal gonorrhoea test</b>	1070 (96.4%)	1007 (96.2%)	63 (100%)	0.218

Abbreviations: max, maximum; min, minimum; SD, standard deviation; STI, sexually transmitted infection.

<sup>1</sup> Educational level; Low: no education, elementary school, (pre-)vocational education; Middle: senior secondary education, pre-university education; High: university of applied sciences, university.

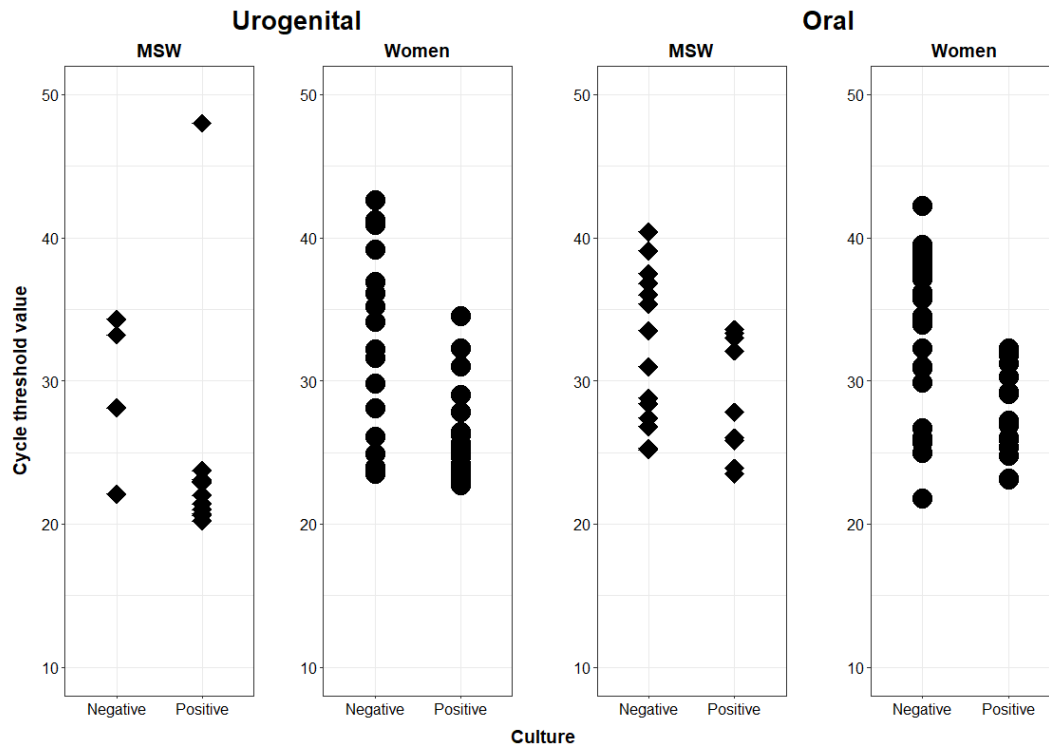
**Supplementary Table 2.** Characteristics of gonorrhoea positive MSW and female clients

Characteristics	Overall N (%)	MSW Any location N (%)	MSW Oropharyngeal N (%)	Women Any location N (%)	Women Oropharyngeal N (%)
<b>Gonorrhoea diagnosis</b>	103 (100%)	36 (100%)	27 (100%)	67 (100%)	46 (100%)
<b>Age</b>					
Mean (SD)	23.6 (5.87)	24.7 (6.35)	23.4 (4.92)	23.0 (5.55)	23.4 (6.41)
Median [min, max]	22.0 [17.0, 51.0]	23.0 [17.0, 43.0]	23.0 [17.0, 43.0]	21.0 [17.0, 51.0]	21.0 [17.0, 51.0]
<b>Age category</b>					
<25 years	77 (74.8%)	25 (69.4%)	21 (77.8%)	52 (77.6%)	35 (76.1%)
25 years and older	26 (25.2%)	11 (30.6%)	6 (22.2%)	15 (22.4%)	11 (23.9%)
<b>Non-western migratory background</b>					
Yes, first generation	14 (13.6%)	6 (16.7%)	2 (7.4%)	8 (11.9%)	4 (8.7%)
Yes, second generation	15 (14.6%)	9 (25.0%)	6 (22.2%)	6 (9.0%)	3 (6.5%)
No	73 (70.9%)	21 (58.3%)	19 (70.4%)	52 (77.6%)	38 (82.6%)
Unknown	1 (1.0%)	0 (0.0%)	0 (0.0%)	1 (1.5%)	1 (2.2%)
<b>Education level<sup>1</sup></b>					
Low	11 (10.7%)	5 (13.9%)	2 (7.4%)	6 (9.0%)	3 (6.5%)
Middle	34 (33.0%)	15 (41.7%)	9 (33.3%)	19 (28.4%)	11 (23.9%)
High	55 (53.4%)	16 (44.4%)	16 (59.3%)	39 (58.2%)	29 (63.0%)
Other/unknown	3 (2.9%)	0 (0.0%)	0 (0.0%)	3 (4.5%)	3 (6.5%)
<b>Notified for any STI</b>	41 (39.8%)	14 (38.9%)	12 (44.4%)	27 (40.3%)	21 (45.7%)
<b>Notified for chlamydia</b>	22 (21.4%)	8 (22.2%)	7 (25.9%)	14 (20.9%)	10 (21.7%)
<b>Notified for gonorrhoea</b>	21 (20.4%)	7 (19.4%)	6 (22.2%)	14 (20.9%)	11 (23.9%)
<b>Any STI-related complaints</b>	55 (53.4%)	17 (47.2%)	12 (44.4%)	38 (56.7%)	25 (54.3%)
<b>Number of sex partners last 6 months</b>					
0 partners	8 (7.8%)	4 (11.1%)	4 (14.8%)	4 (6.0%)	2 (4.3%)
1 partner	22 (21.4%)	7 (19.4%)	5 (18.5%)	15 (22.4%)	7 (15.2%)
2 partners	42 (40.8%)	14 (38.9%)	11 (40.7%)	28 (41.8%)	21 (45.7%)
3-5 partners	22 (21.4%)	9 (25.0%)	5 (18.5%)	13 (19.4%)	11 (23.9%)
6-10 partners	3 (2.9%)	2 (5.6%)	2 (7.4%)	1 (1.5%)	0 (0.0%)
≥10 partners	1 (1.0%)	0 (0.0%)	0 (0.0%)	1 (1.5%)	1 (2.2%)
Unknown	5 (4.9%)	0 (0.0%)	0 (0.0%)	5 (7.5%)	4 (8.7%)
<b>Sex worker</b>	5 (4.9%)	1 (2.8%)	0 (0.0%)	4 (6.0%)	3 (4.1%)

Abbreviations: max, maximum; min, minimum; MSW, men who have sex with women; SD, standard deviation; STI, sexually transmitted infection.

<sup>1</sup> Educational level; Low: no education, elementary school, (pre-)vocational education; Middle: senior secondary education, pre-university education; High: university of applied sciences, university.

## Supplementary Figure



**Supplementary Figure 1.** Comparison of cobas® cycle threshold values with culture result.

Abbreviations: MSW, men who have sex with women.