

**Supplementary Table 5. Sensitivity, Specificity and DOR of *Chlamydia Trachomatis* and *Neisseria gonorrhoea* Self-Sampling Based Tests** with Associated 95% CIs,  $i^2$  metric, and p-values for studies of high quality only (n=7). Significant values are bolded.

		<b>Sensitivity</b> [95% CIs]	<b>p-value</b>	<b>Specificity</b> [95% CIs]	<b>p-value</b>	<b>DOR</b> [95% CIs]	<b><math>I^2</math></b>
<b><i>Chlamydia trachomatis</i></b>	Overall	91.0 [87.3–93.8]	Ref	99.3 [98.8–99.6]	Ref	1590 [587–3500]	88.9
<b>Sampling Site</b>	Vaginal	86.4 [82.5–89.5]	Ref	98.7 [97.0–99.5]	Ref	557 [192–1280]	80.2
	Pharyngeal	93.3 [87.4–96.5]	0.18	99.8 [99.6–99.9]	<b>&lt;0.001</b>	8280 [2550–20300]	83.5
	Rectal	93.4 [87.7–96.6]	<b>0.034</b>	99.4 [98.8–99.7]	<b>0.011</b>	3160 [641–9650]	0
<b>Study population</b>	Women	90.0 [85.1–93.5]	0.60	99.2 [98.4–99.6]	0.44	1340 [393–3390]	83.8
	MSM	91.7 [83.4–96.0]	Ref	99.5 [98.3–99.9]	Ref	4030 [322–17800]	60.3
<b><i>Neisseria gonorrhoea</i></b>	Overall	91.4 [88.2–93.9]	0.78	99.3 [98.9–99.6]	0.98	1600 [707–3130]	80.7
<b>Sampling site</b>	Vaginal	88.3 [82.0–92.6]	Ref	99.0 [97.4–99.6]	Ref	902 [245–2370]	68.2
	Pharyngeal	95.6 [90.3–98.0]	0.054	99.8 [99.1–99.9]	<b>0.045</b>	12300 [2360–38600]	72.8
	Rectal	92.6 [87.1–95.9]	0.35	99.4 [98.8–99.7]	0.23	2270 [619–5970]	0
<b>Study population</b>	Women	89.4 [84.3–92.9]	0.54	99.4 [98.5–99.7]	0.89	1470 [466–3570]	67.1
	MSM	92.8 [84.1–96.9]	Ref	99.2 [97.7–99.7]	Ref	2370 [272–9230]	74.9