

## SUPPLEMENTARY TABLE 1

### The effects of free condom distribution on HIV and other sexually transmitted infections in men who have sex with men

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Threshold values of the key parameters at which free condom distribution at PSVs remains cost-saving, highly cost-effective or cost-effective.

	Point estimate	Cost-saving	Highly cost-effective	Cost-effective
'Condom use sometimes'	50%	≥0%	≥0%	≥0%
'Influenced through free condoms'	49.4%	>8.9%	>0.35%	>0.12%
'Condom not used otherwise'	14.2%	>2.6%	>0.102%	>0.034%
'Partner PSV'	59.6%	>10.4%	>0.41%	>0.14%
'Condom wastage'	15%	<84.6%	<99.39%	<99.80%
'Number partners'	21.8	<885	<2624	<3503
'Number acts per partner'	2.2	<89	<264	<353
'Insertive acts'	63.3%	≤100%	≤100%	≤100%
'Market share'	79.3%	≥0%	≥0%	≥0%
'Condom effectiveness'	70%	>13.4%	>0.54%	>0.18%
'Prevalence HIV PSV'	36.2%	4.2%-95.3%	>0.019%	≥0%
'Infectivity HIV'	1.025%	>0.180%	≥0%	≥0%

PSV = public sex venue.

All parameters are described in detail in Supplementary data 1.