

**Table 2: Simulated scenarios**

<b>Scenario</b>	<b>Asymptomatic transmission</b>	<b>Cross-transmission</b>	<b>Antimicrobial use</b>	<b>Vaccine efficacy</b>
1 (Base case)	2:1	Baseline	Baseline	1
2	2:1	High	Baseline	1
3	2:1	Baseline	Low	1
4	2:1	High	Low	1
5	2:1	Baseline	High	1
6	2:1	High	High	1
7	2:1	Baseline	Baseline	0.7
8	2:1	Baseline	Baseline	0.5
9	1:0	Baseline	Baseline	1
10	1:1	Baseline	Baseline	1
11	1:0	High	Baseline	1
12	1:1	High	Baseline	1