

Parameter	Parameter	Min value	Increment	Max value
P1	R0	1.5	0.1	2.5
P2	Population size	1,000000	1,000000	5,000,000
P3	Initial number of exposed individuals	10	10	50
P4	Initial number of infectious individuals	10	10	50
P5	Incubation period	8	2	12
P6	Time to diagnosis (days)	1	1	5
P7	Isolation Effectiveness (%)	0	10	100
P8	Case fatality rate (%)	50	10	90
P9	Time to effect of control interventions or behavior changes (days)	30	10	100
P10	Reduction in transmission rate arising from control interventions or behavior changes (%)	10	10	100