|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 |