

Table S5: Results for a Developed Country with $R_0 = 1.8$.

| Developed Country $R_0 = 1.8$ | | Day 1 | Day 20 | Day 40 | Day 50 | Day 60 | Day 70 |
|----------------------------------|-------------------------------------|---------------|---------------|---------------|----------------|----------------|----------------|
| 2% coverage | Optimal strategy (hospitalizations) | [0 93 0 0] | [0 93 0 0] | [0 93 0 0] | [0 93 0 0] | [0 93 0 0] | [0 93 0 0] |
| | Illness Attack Rate (%) | 30.8 | 30.9 | 31.5 | 33.5 | 33.5 | 33.5 |
| | Hospitalizations (per 100 cases) | | | | | | |
| | Optimal strategy (deaths) | [0 93 0 0] | [0 93 0 0] | [0 93 0 0] | [0 93 0 0] | [0 93 0 0] | [0 93 0 0] |
| | Illness Attack Rate (%) | 30.8 | 30.9 | 31.5 | 33.5 | 33.5 | 33.5 |
| | Deaths (per 1000 cases) | 0.1779 | 0.1780 | 0.1799 | 0.1846 | 0.1846 | 0.1846 |
| | | | | | | | |
| 15% coverage | Optimal strategy (hospitalizations) | [58 100 0 0] | [58 100 0 0] | [58 100 0 0] | [0 100 0 80] | [0 100 0 80] | [0 100 0 80] |
| | Illness Attack Rate (%) | 0.4 | 4.7 | 17.8 | 33.4 | 33.52 | 33.5 |
| | Hospitalizations (per 100 cases) | 0.4205 | 0.4230 | 0.4382 | 0.4532 | 0.4548 | 0.4550 |
| | Optimal strategy (deaths) | [58 100 0 0] | [58 100 0 0] | [58 100 0 0] | [58 100 0 0] | [58 100 0 0] | [0 100 0 80] |
| | Illness Attack Rate (%) | 0.4 | 4.7 | 17.8 | 33.4 | 33.52 | 33.5 |
| | Deaths (per 1000 cases) | 0.2027 | 0.2033 | 0.1933 | 0.1847 | 0.1846 | 0.1846 |
| | | | | | | | |
| 25% coverage | Optimal strategy (hospitalizations) | [100 100 0 0] | [100 100 0 0] | [100 100 0 0] | [30 100 0 100] | [30 100 0 100] | [30 100 0 100] |
| | Illness Attack Rate (%) | 0.01 | 0.42 | 11.9 | 33.3 | 33.5 | 33.5 |
| | Hospitalizations (per 100 cases) | 0.4532 | 0.4529 | 0.4531 | 0.4532 | 0.4548 | 0.4550 |
| | Optimal strategy (deaths) | [100 100 0 0] | [100 100 0 0] | [100 100 0 0] | [83 100 0 28] | [30 100 0 100] | [30 100 0 100] |
| | Illness Attack Rate (%) | 0.01 | 0.42 | 11.9 | 33.3 | 33.5 | 33.5 |
| | Deaths (per 1000 cases) | 0.2089 | 0.2050 | 0.1956 | 0.1843 | 0.1845 | 0.1846 |
| | | | | | | | |