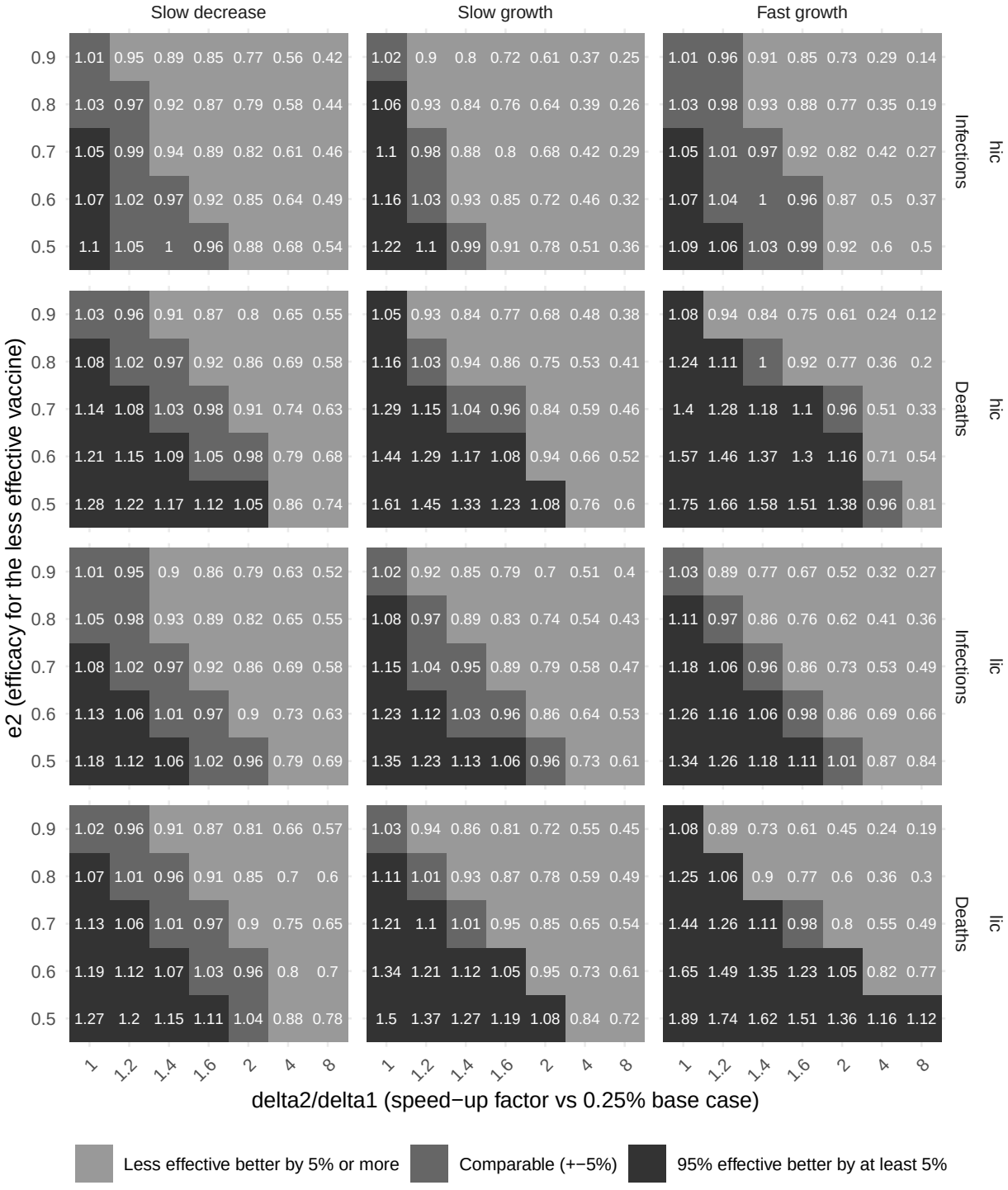
Slow decrease
Slow growth
Fast growth
hic
Infections
Deaths
lic
e2 (efficacy for the less effective vaccine)
0.9
0.8
0.7
0.6
0.5
1.01 0.95 0.89 0.85 0.77 0.56 0.42
1.03 0.97 0.92 0.87 0.79 0.58 0.44
1.05 0.99 0.94 0.89 0.82 0.61 0.46
1.07 1.02 0.97 0.92 0.85 0.64 0.49
1.1 1.05 1 0.96 0.88 0.68 0.54
1.02 0.9 0.8 0.72 0.61 0.37 0.25
1.06 0.93 0.84 0.76 0.64 0.39 0.26
1.1 0.98 0.88 0.8 0.68 0.42 0.29
1.16 1.03 0.93 0.85 0.72 0.46 0.32
1.22 1.1 0.99 0.91 0.78 0.51 0.36
1.01 0.96 0.91 0.85 0.73 0.29 0.14
1.03 0.98 0.93 0.88 0.77 0.35 0.19
1.05 1.01 0.97 0.92 0.82 0.42 0.27
1.07 1.04 1 0.96 0.87 0.5 0.37
1.09 1.06 1.03 0.99 0.92 0.6 0.5
1.03 0.96 0.91 0.87 0.8 0.65 0.55
1.08 1.02 0.97 0.92 0.86 0.69 0.58
1.14 1.08 1.03 0.98 0.91 0.74 0.63
1.21 1.15 1.09 1.05 0.98 0.79 0.68
1.28 1.22 1.17 1.12 1.05 0.86 0.74
1.05 0.93 0.84 0.77 0.68 0.48 0.38
1.16 1.03 0.94 0.86 0.75 0.53 0.41
1.29 1.15 1.04 0.96 0.84 0.59 0.46
1.44 1.29 1.17 1.08 0.94 0.66 0.52
1.61 1.45 1.33 1.23 1.08 0.76 0.6
1.08 0.94 0.84 0.75 0.61 0.24 0.12
1.24 1.11 1 0.92 0.77 0.36 0.2
1.4 1.28 1.18 1.1 0.96 0.51 0.33
1.57 1.46 1.37 1.3 1.16 0.71 0.54
1.75 1.66 1.58 1.51 1.38 0.96 0.81
1.01 0.95 0.9 0.86 0.79 0.63 0.52
1.05 0.98 0.93 0.89 0.82 0.65 0.55
1.08 1.02 0.97 0.92 0.86 0.69 0.58
1.13 1.06 1.01 0.97 0.9 0.73 0.63
1.18 1.12 1.06 1.02 0.96 0.79 0.69
1.02 0.92 0.85 0.79 0.7 0.51 0.4
1.08 0.97 0.89 0.83 0.74 0.54 0.43
1.15 1.04 0.95 0.89 0.79 0.58 0.47
1.23 1.12 1.03 0.96 0.86 0.64 0.53
1.35 1.23 1.13 1.06 0.96 0.73 0.61
1.03 0.89 0.77 0.67 0.52 0.32 0.27
1.11 0.97 0.86 0.76 0.62 0.41 0.36
1.18 1.06 0.96 0.86 0.73 0.53 0.49
1.26 1.16 1.06 0.98 0.86 0.69 0.66
1.34 1.26 1.18 1.11 1.01 0.87 0.84
1.02 0.96 0.91 0.87 0.81 0.66 0.57
1.07 1.01 0.96 0.91 0.85 0.7 0.6
1.13 1.06 1.01 0.97 0.9 0.75 0.65
1.19 1.12 1.07 1.03 0.96 0.8 0.7
1.27 1.2 1.15 1.11 1.04 0.88 0.78
1.03 0.94 0.86 0.81 0.72 0.55 0.45
1.11 1.01 0.93 0.87 0.78 0.59 0.49
1.21 1.1 1.01 0.95 0.85 0.65 0.54
1.34 1.21 1.12 1.05 0.95 0.73 0.61
1.5 1.37 1.27 1.19 1.08 0.84 0.72
1.08 0.89 0.73 0.61 0.45 0.24 0.19
1.25 1.06 0.9 0.77 0.6 0.36 0.3
1.44 1.26 1.11 0.98 0.8 0.55 0.49
1.65 1.49 1.35 1.23 1.05 0.82 0.77
1.89 1.74 1.62 1.51 1.36 1.16 1.12
1 1.2 1.4 1.6 2 4 8
delta2/delta1 (speed−up factor vs 0.25% base case)
Less effective better by 5% or more
Comparable (+−5%)
95% effective better by at least 5%