A i.

Bifurcation over ρ

Infection prevalence

0.06
0.04
0.02
0.00

0.000 0.002 0.004 0.006

Waning constant ρ

A iii.

Periodic solution frequency

Frequency (years^{-1})

2.5
2.0
1.5
1.0
0.5
0.0

0.000 0.002 0.004 0.006

Waning constant ρ

A ii.

Minimum infection prevalence across solution

Infection prevalence

10^{-1}
10^{-4}
10^{-7}
10^{-10}

0.000 0.002 0.004 0.006

Waning constant ρ

A iv.

Mean daily infection incidence

Infection incidence

0.006
0.004
0.002
0.000

0.000 0.002 0.004 0.006

Waning constant ρ

B

ρ = 0.001

ρ = 0.003

ρ = 0.005

Infection prevalence

0.05
0.00

0 1,000 2,000 3,000

Time (days)