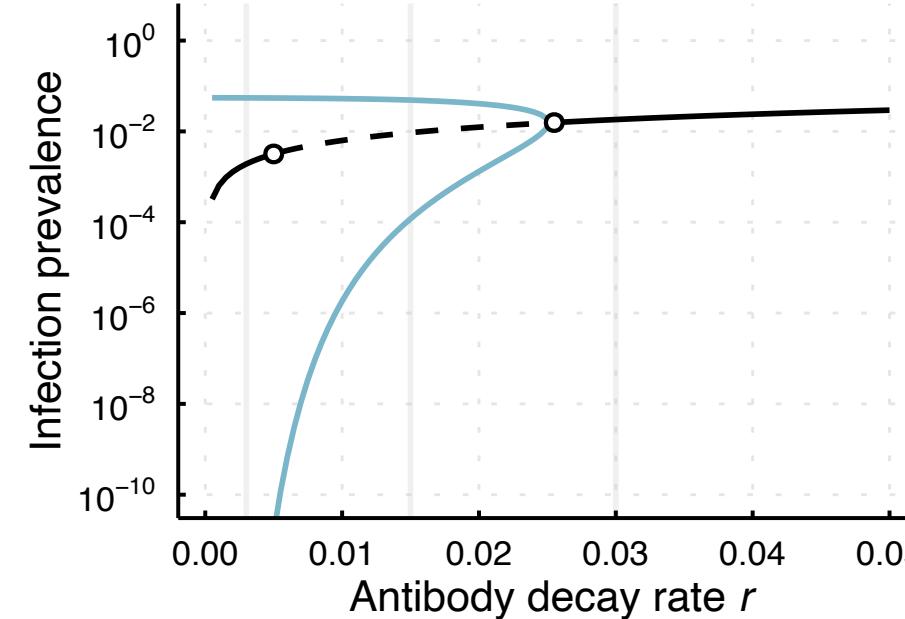
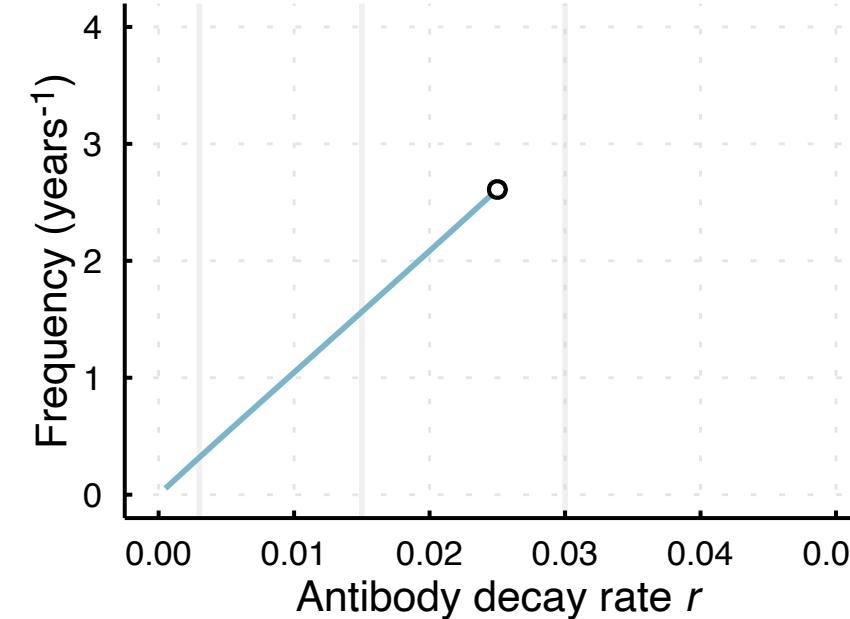


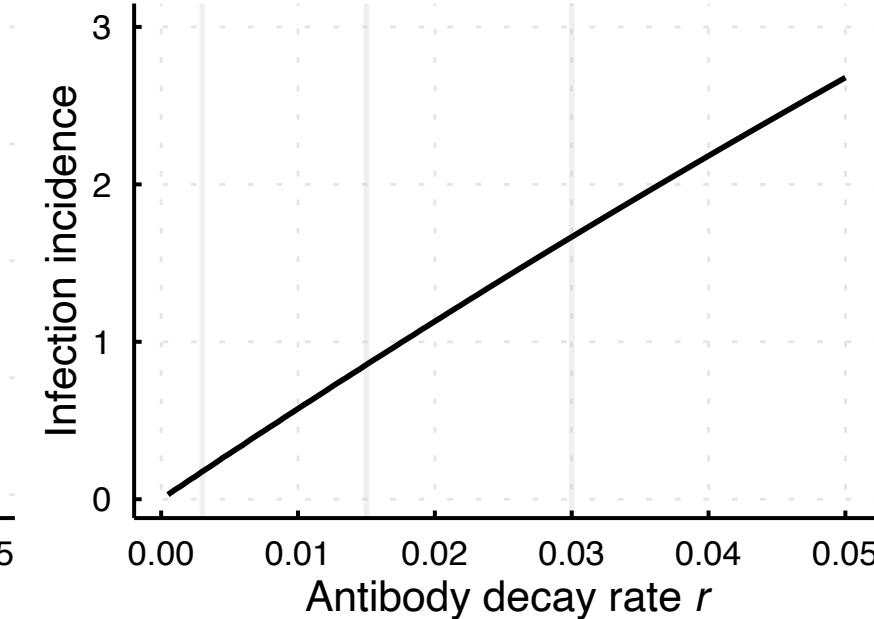
**A — Bifurcation over antibody decay rate  $r$**



**B — Periodic solution frequency**

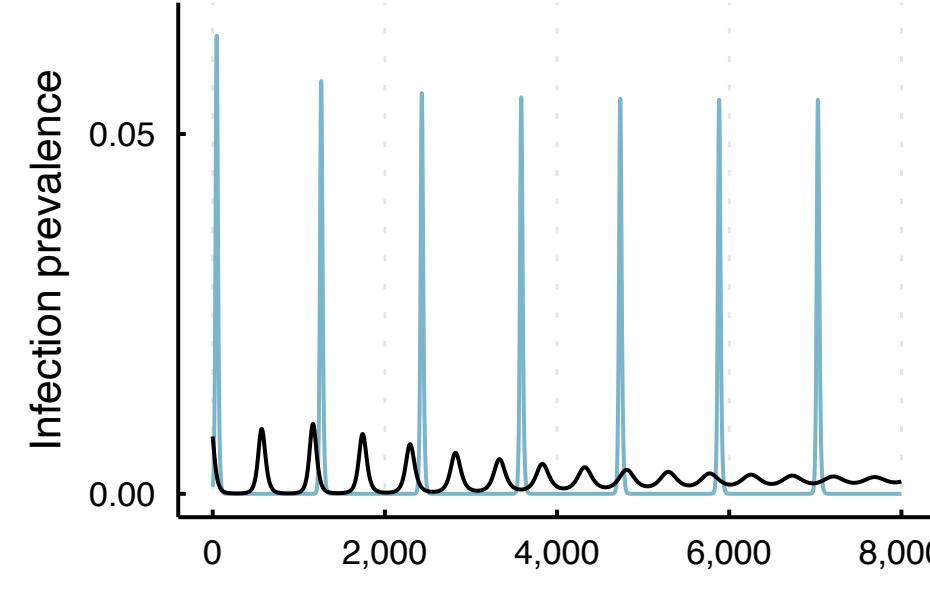


**C — Average annual infection incidence at solution**

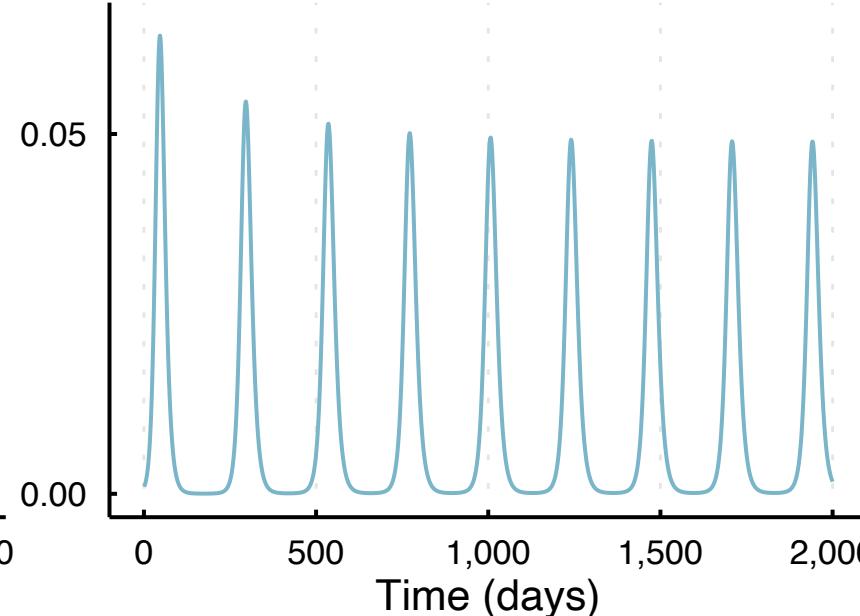


**D — Exemplar infection prevalence**

i. Antibody decay rate  $r = 0.003$



ii. Antibody decay rate  $r = 0.015$



iii. Antibody decay rate  $r = 0.03$

