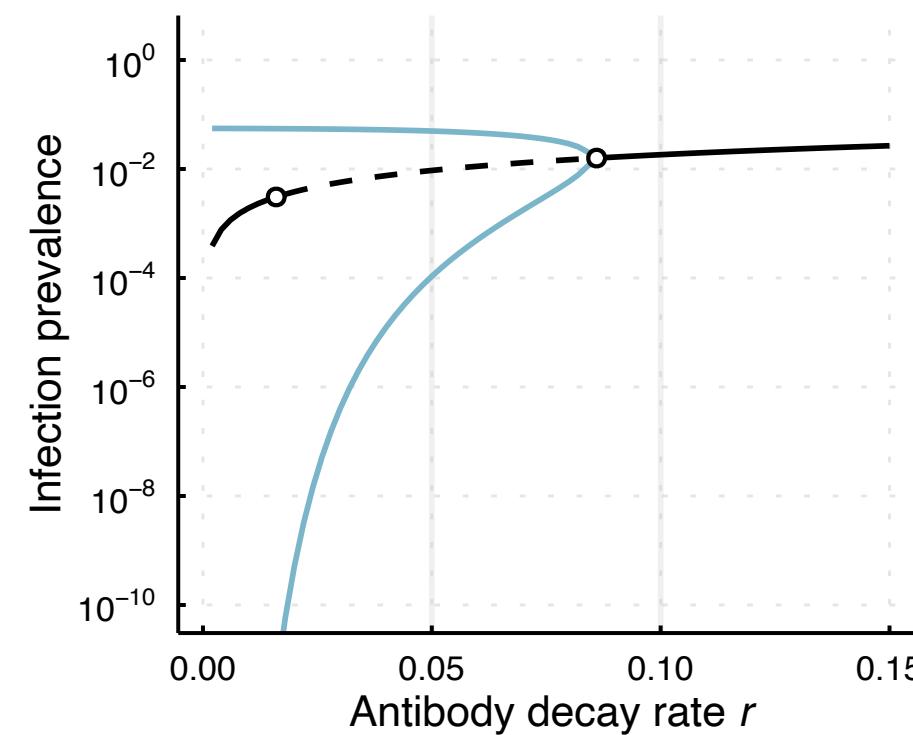
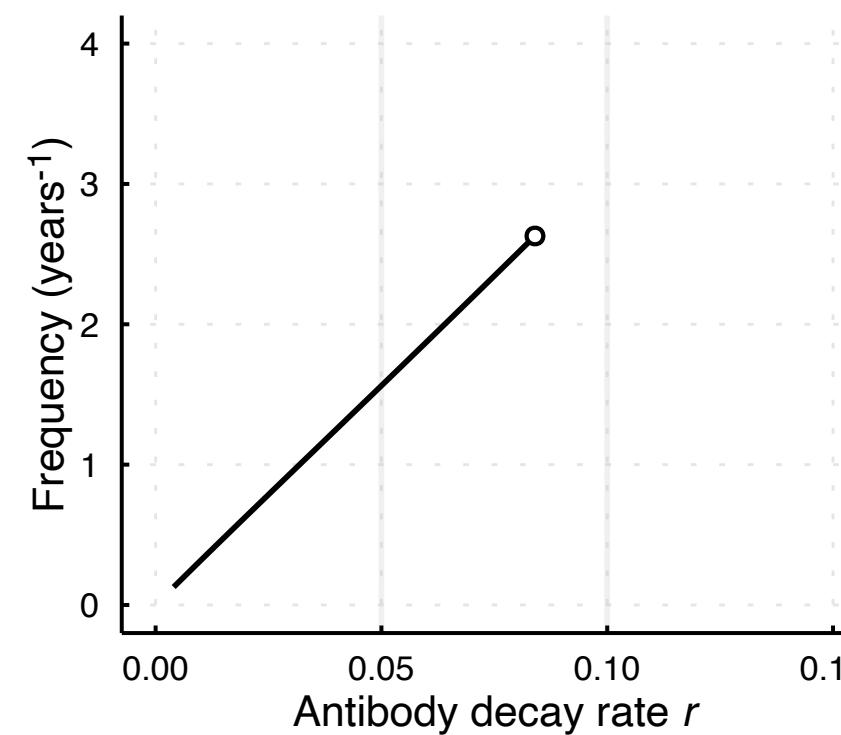


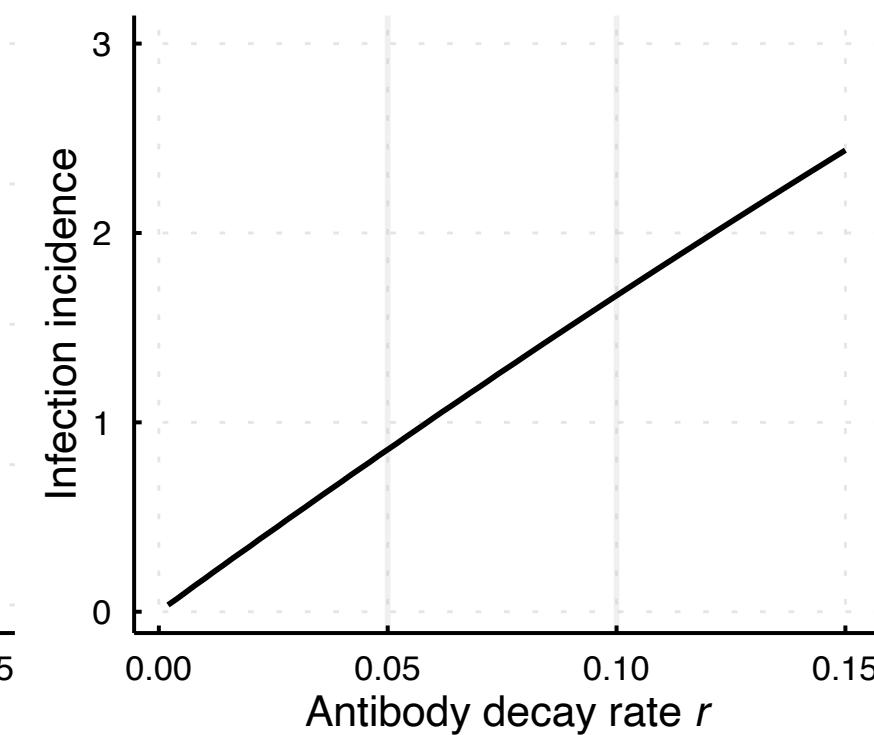
**A — Bifurcation over antibody decay rate  $r$**



**B — Periodic solution frequency**

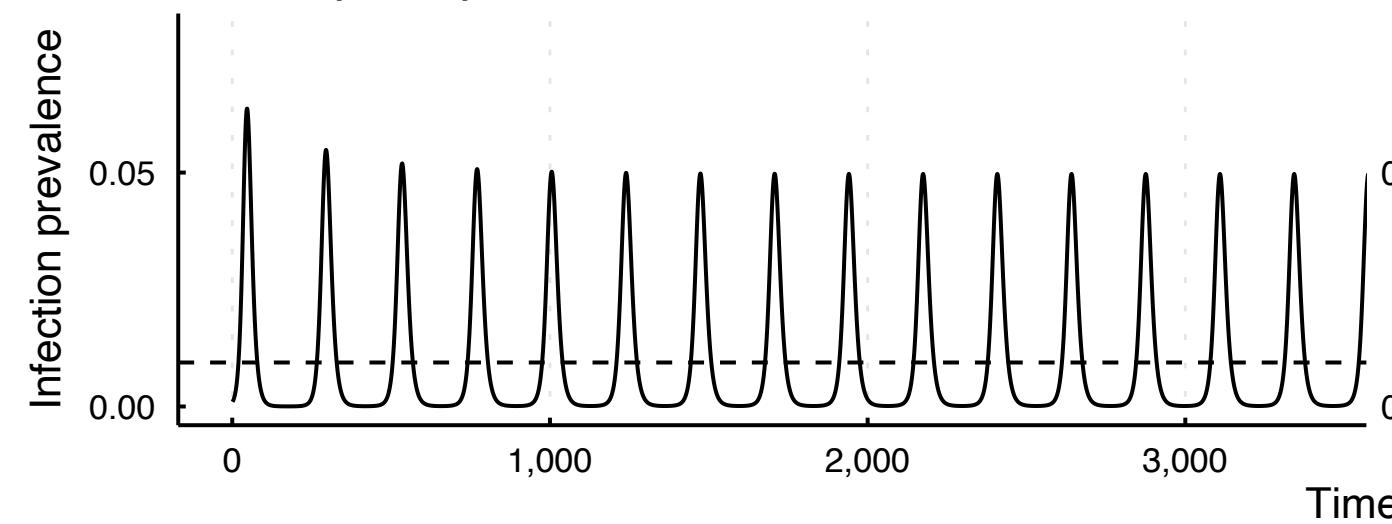


**C — Average annual infection incidence at solution**



**D — Exemplar infection prevalence**

Antibody decay rate  $r = 0.05$



Antibody decay rate  $r = 0.1$

