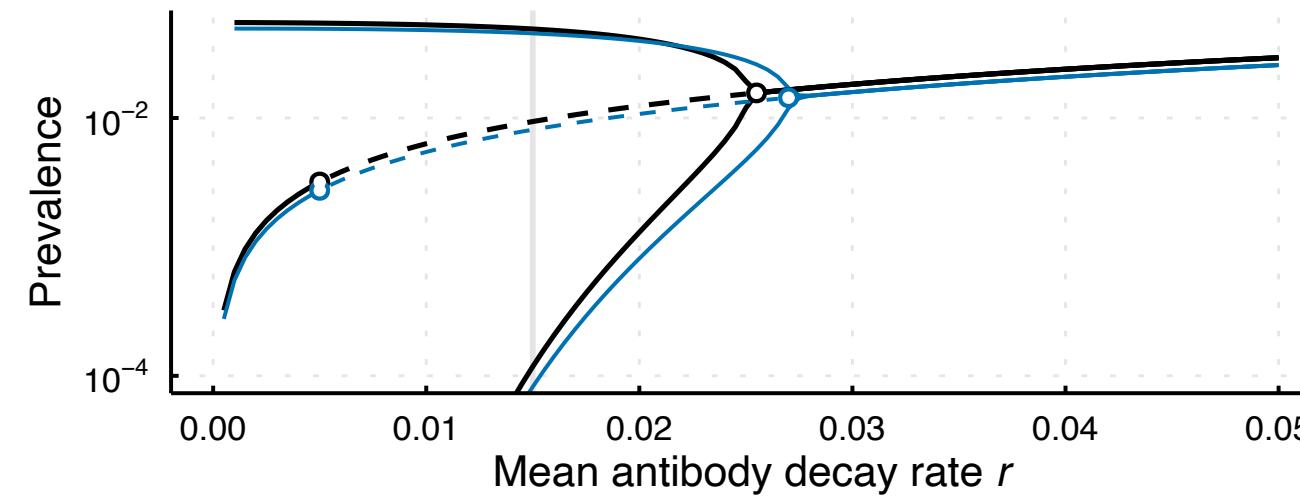
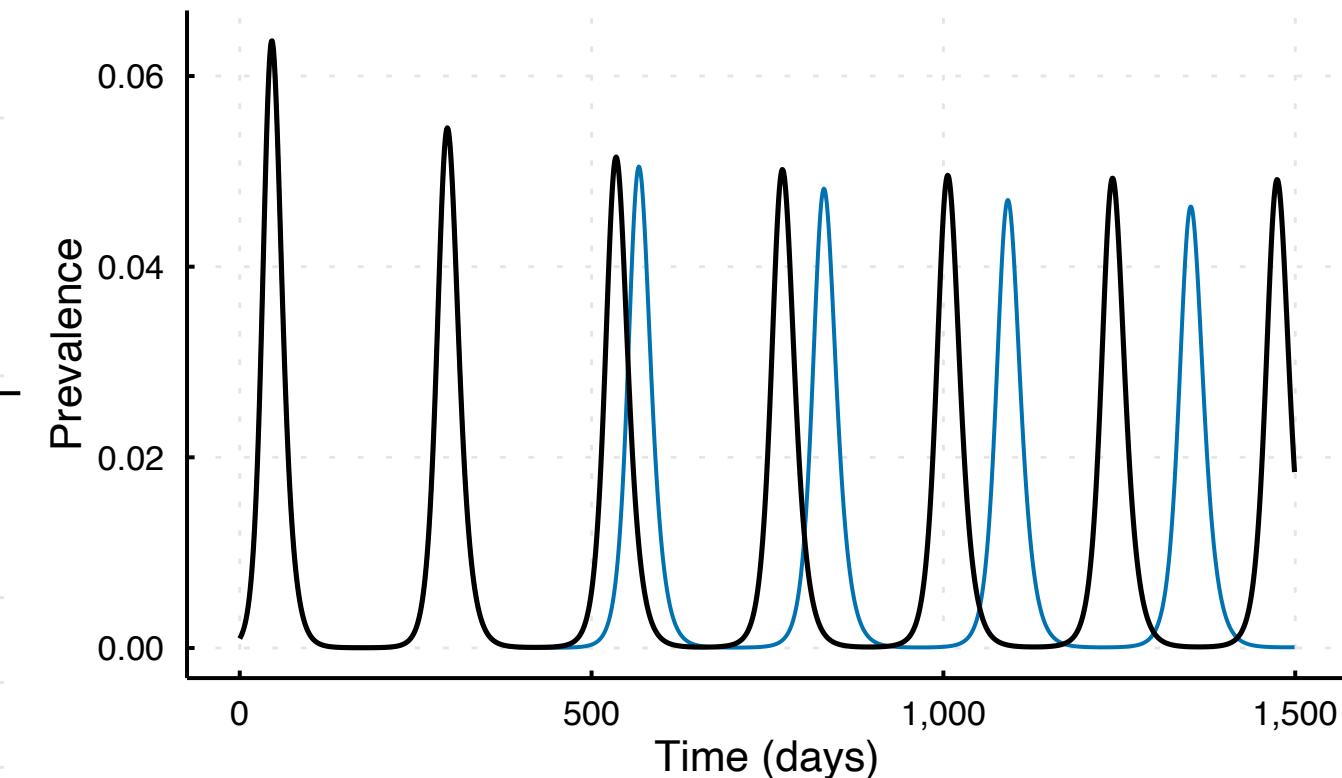


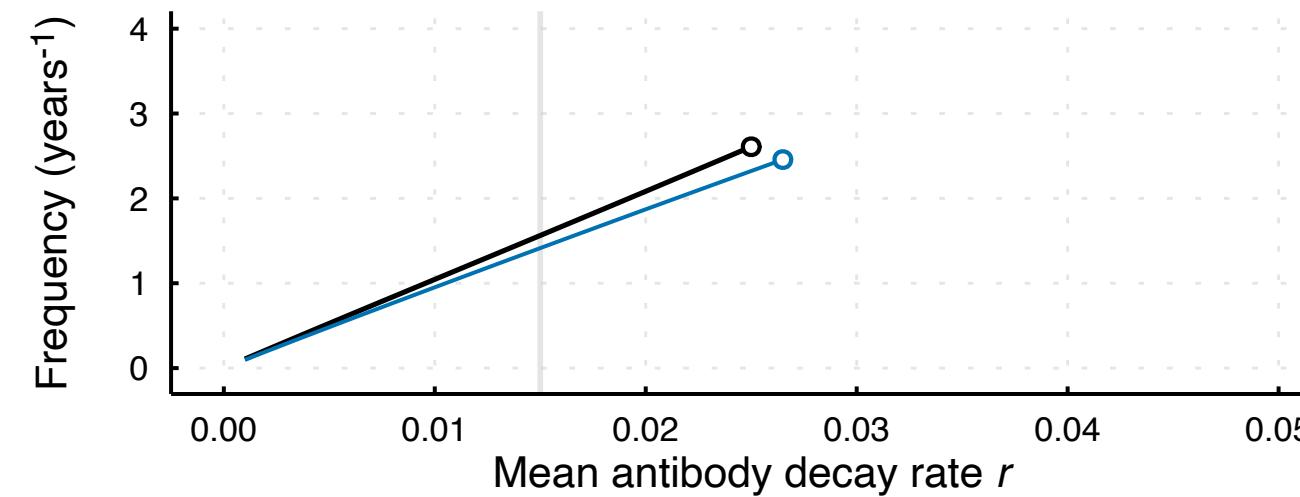
**A — Bifurcation over antibody decay rate  $r$**



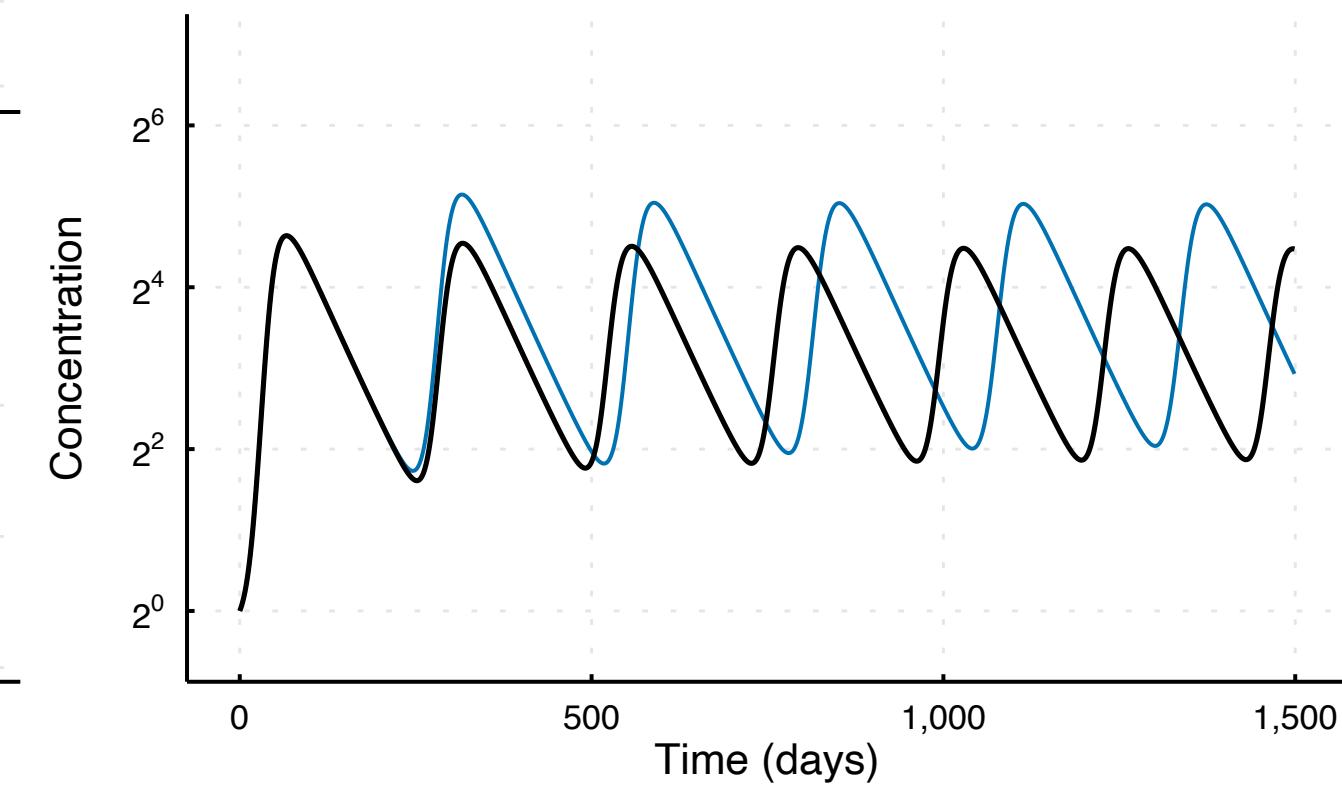
**D — Infection prevalence**



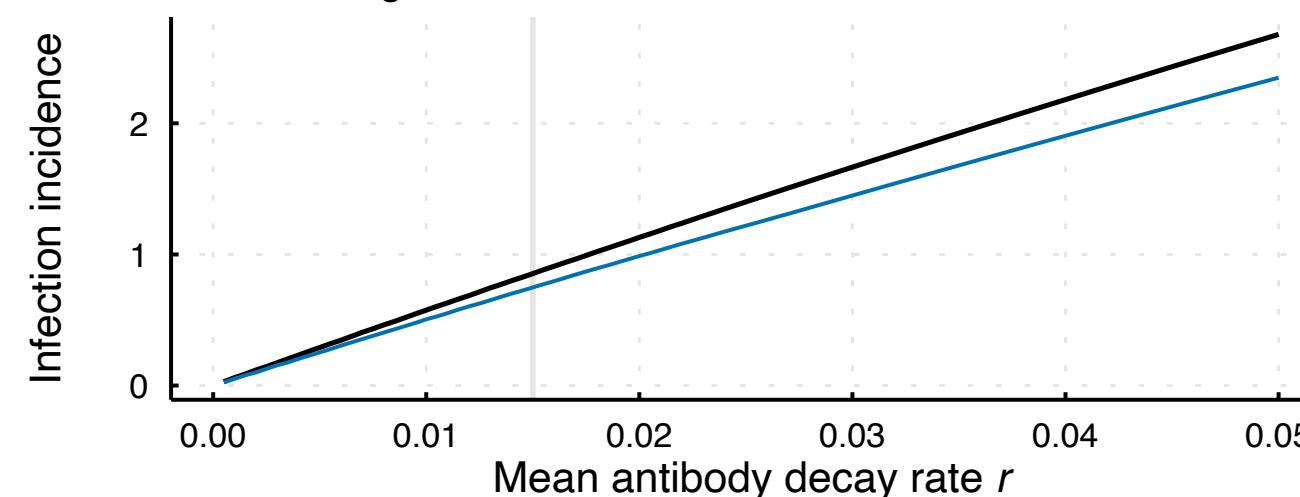
**B — Periodic solution frequency**



**E — Population mean antibody concentration**



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



Model — Baseline model — I stratified