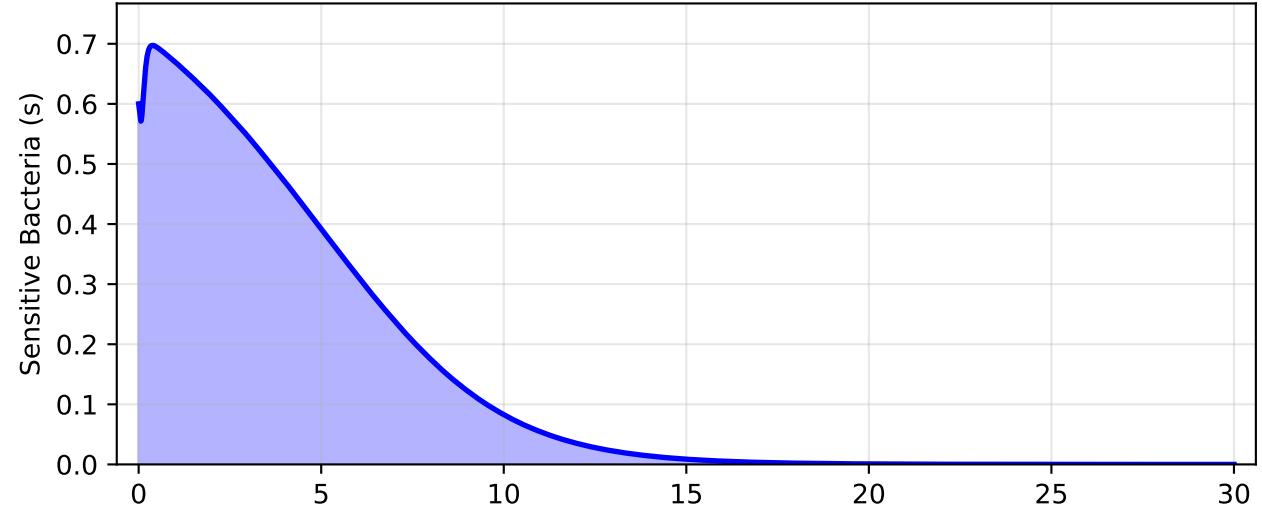
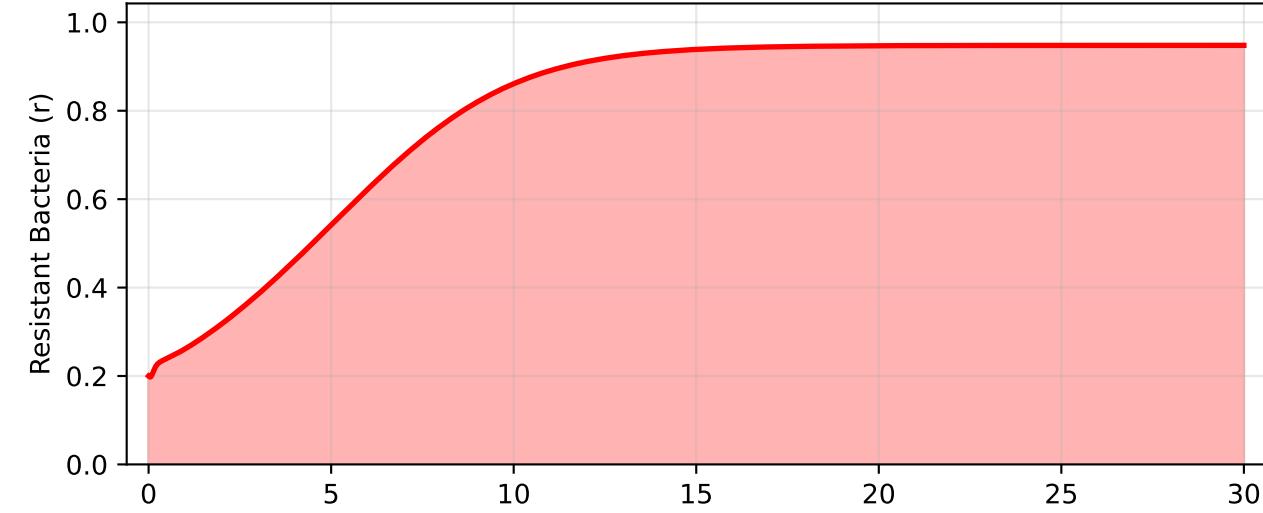


Scenario 3: Coexistence
Final $R_s = 13.142$, Final $R_r = 19.648$

Sensitive Bacteria Dynamics



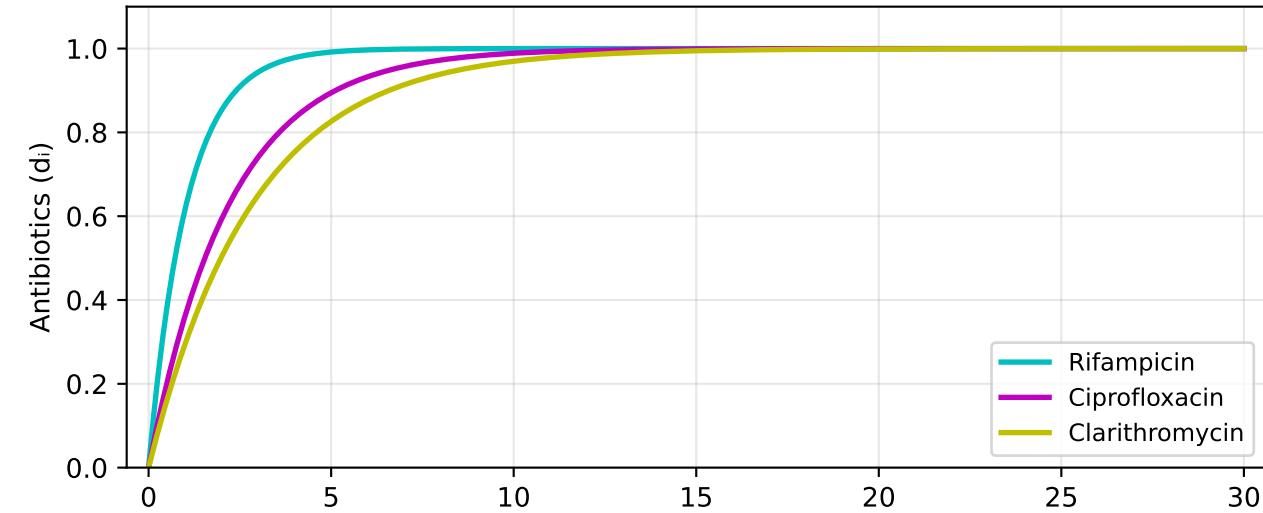
Resistant Bacteria Dynamics



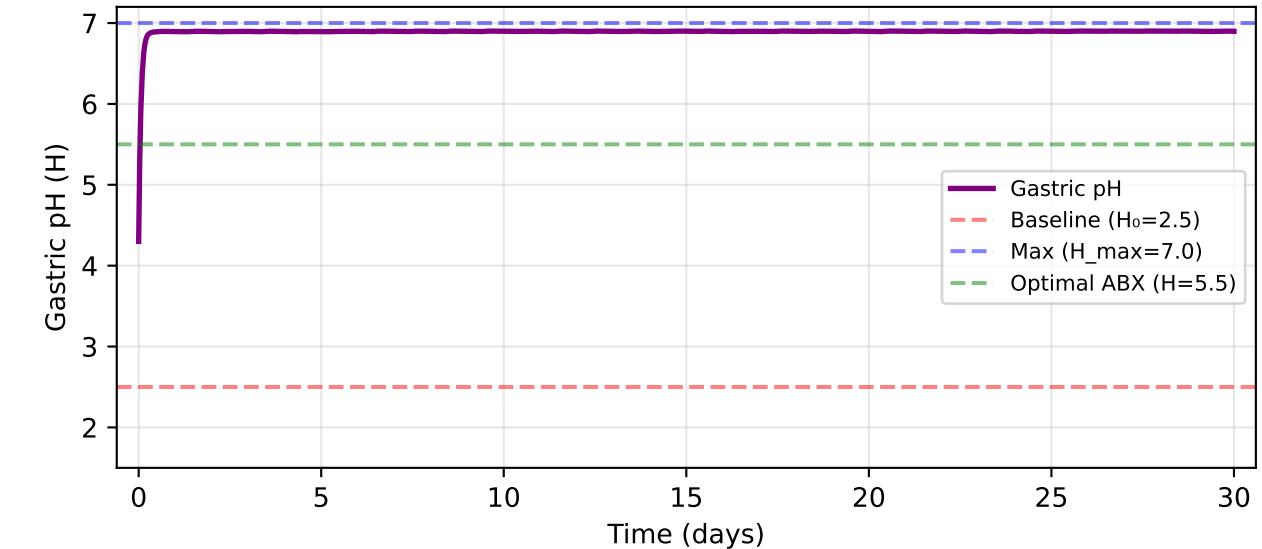
Immune Response Dynamics



Antibiotic Concentrations



Gastric pH Dynamics



Dietary Perturbation

