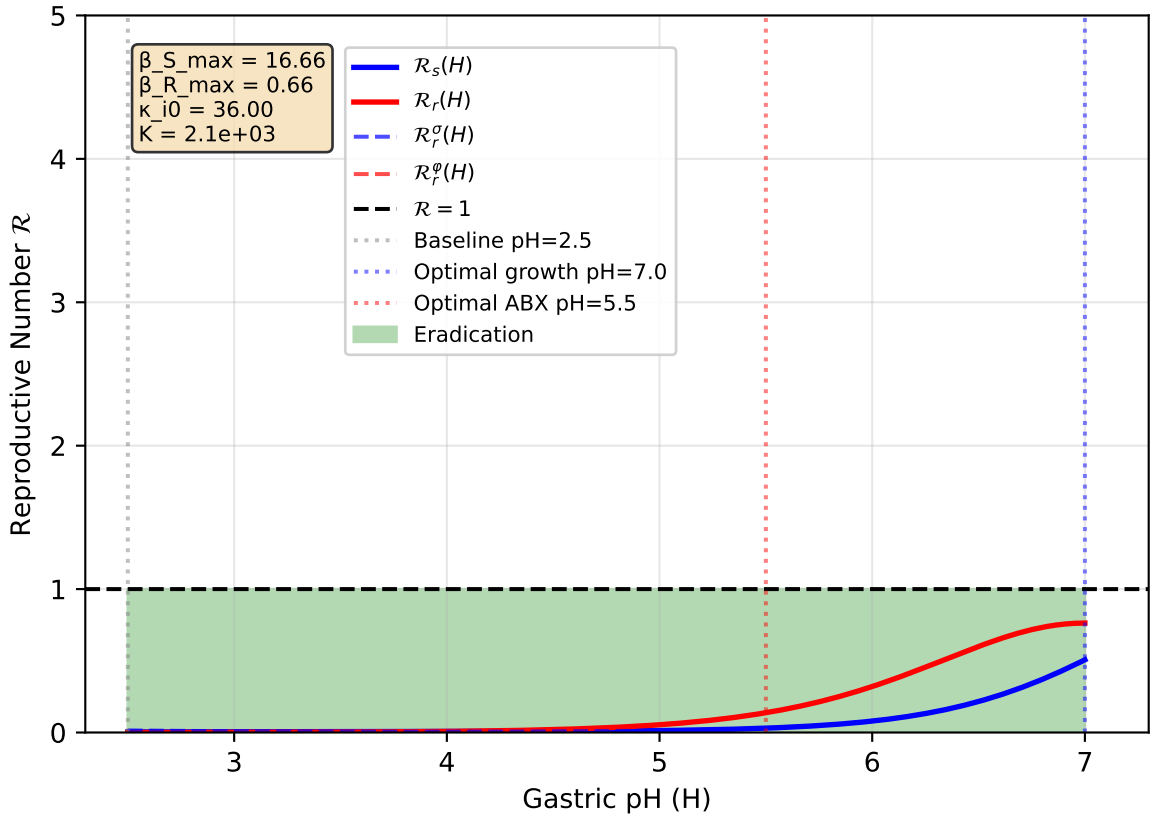
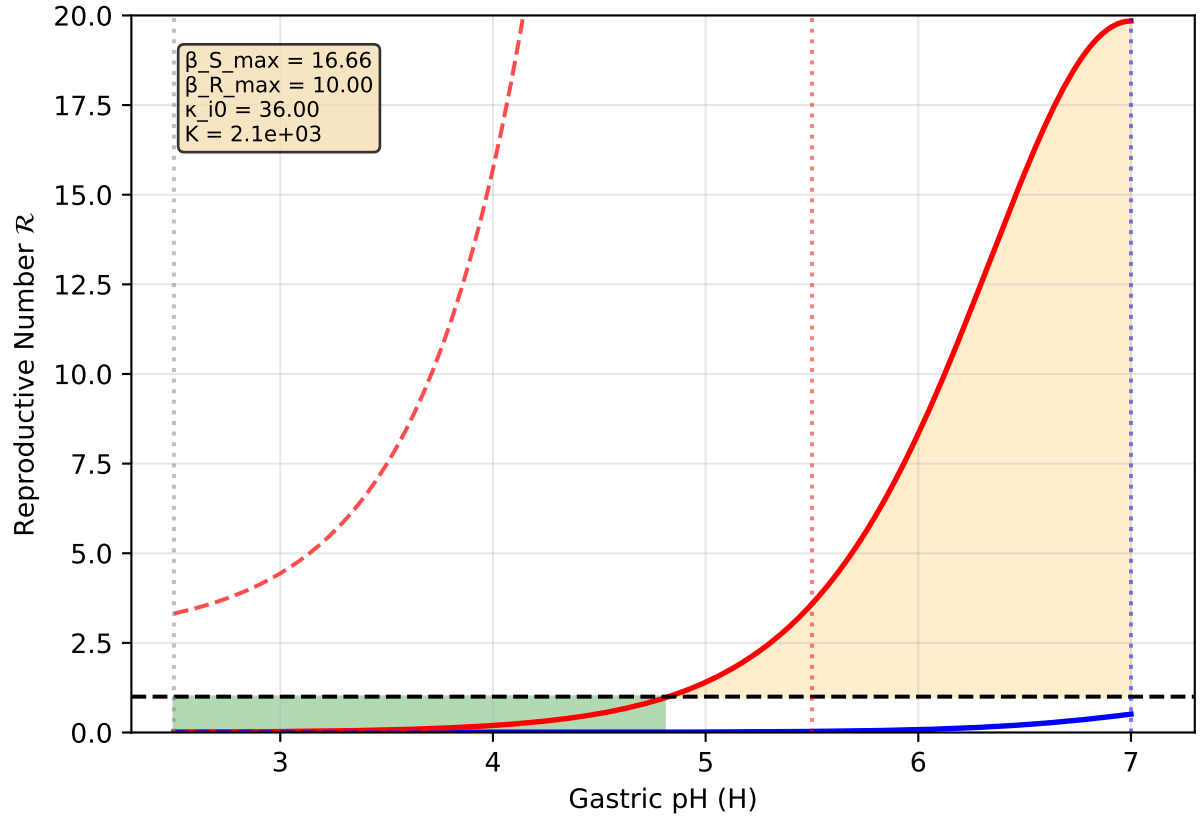
pH-Dependent Fitness Landscape with Stability Thresholds

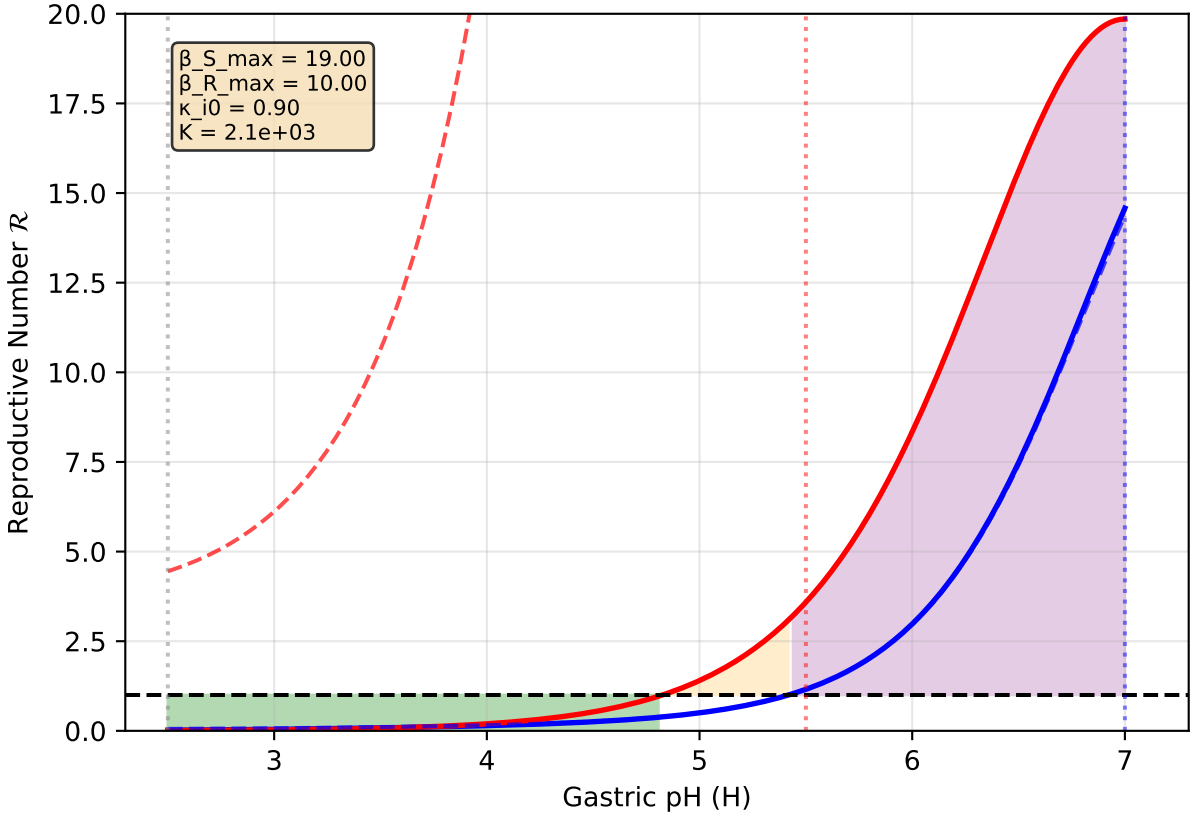
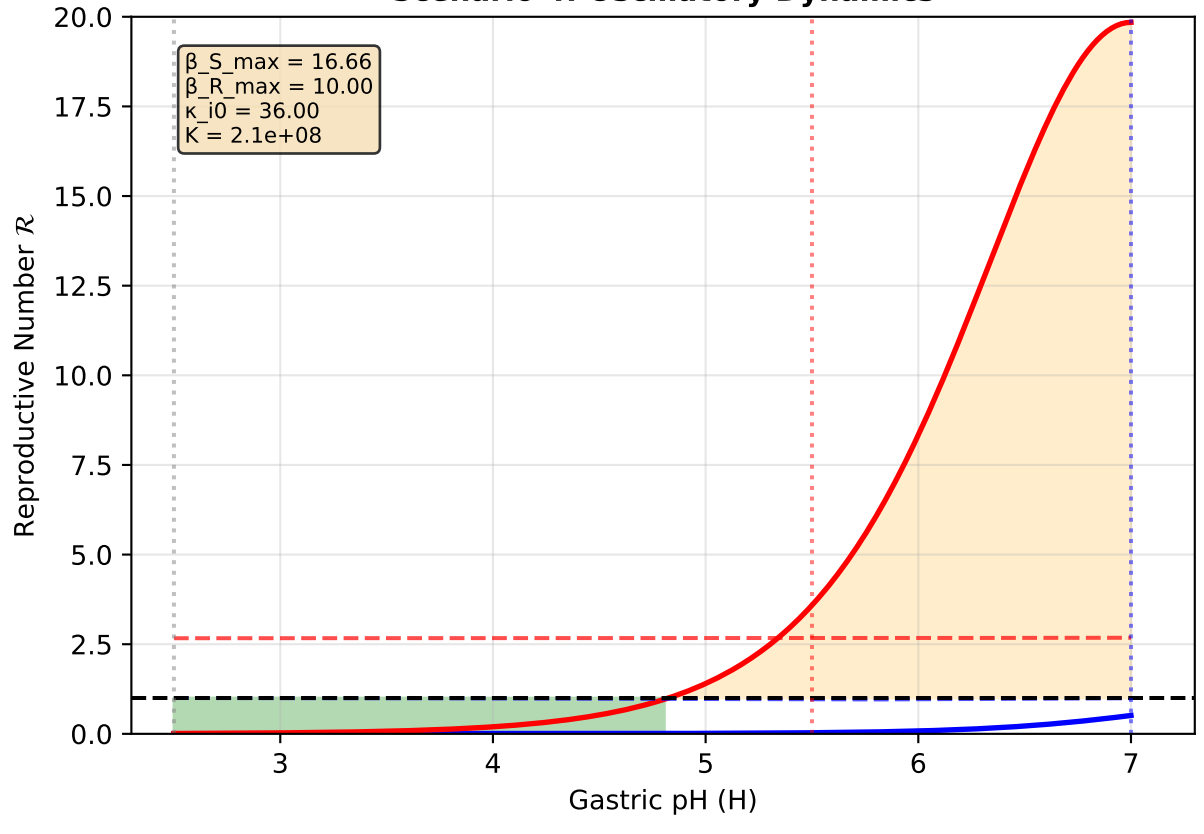
Scenario 1: Successful Eradication



Scenario 2: Resistant Persistence



Scenario 3: Coexistence



Scenario 4: Oscillatory Dynamics