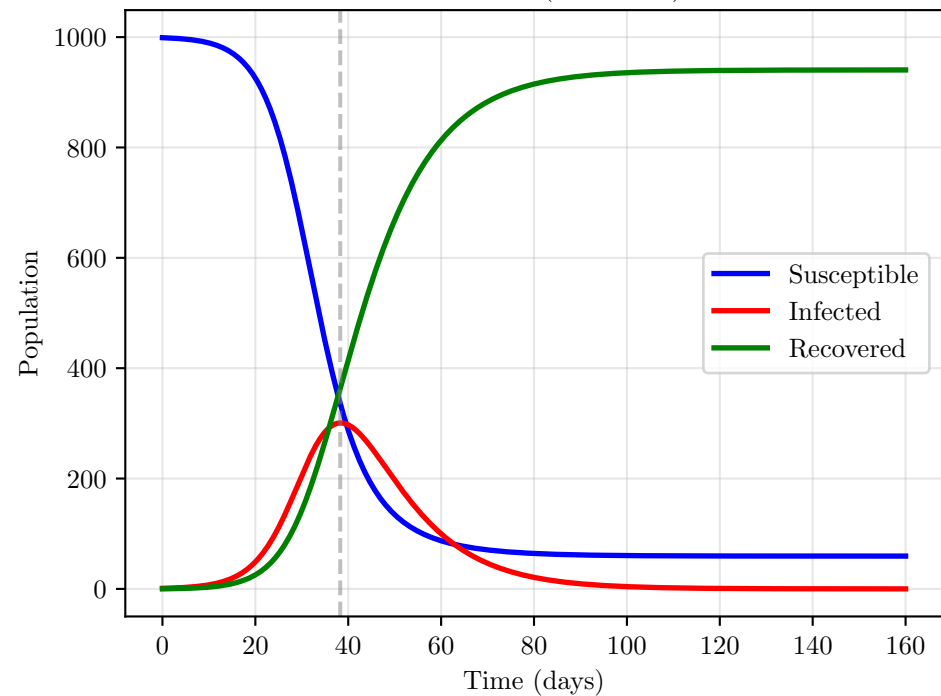
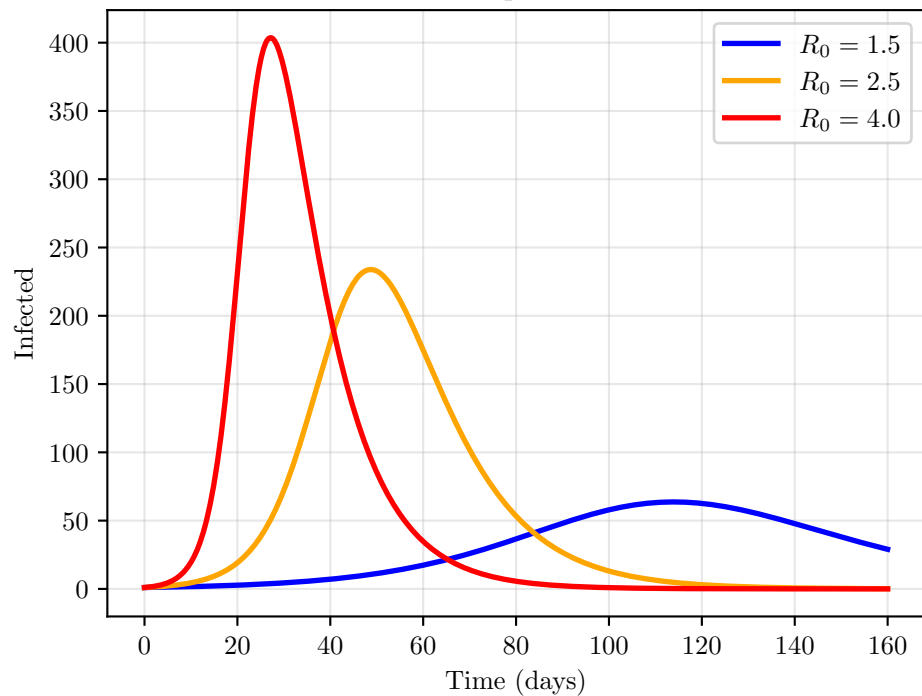
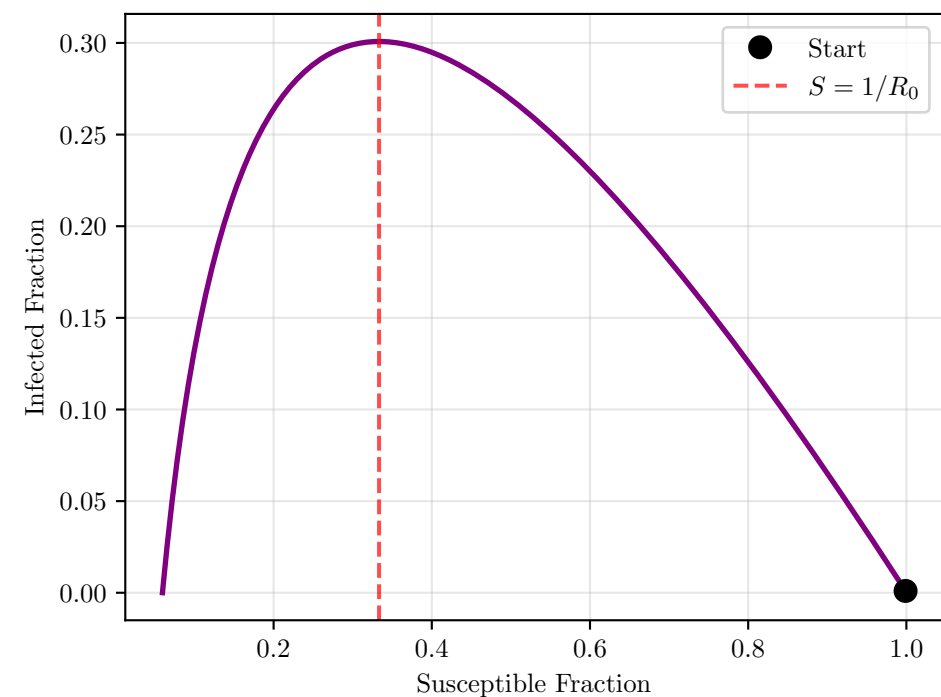


SIR Model ($R_0 = 3.0$)

Effect of Basic Reproduction Number



Phase Portrait



Vaccination Impact

