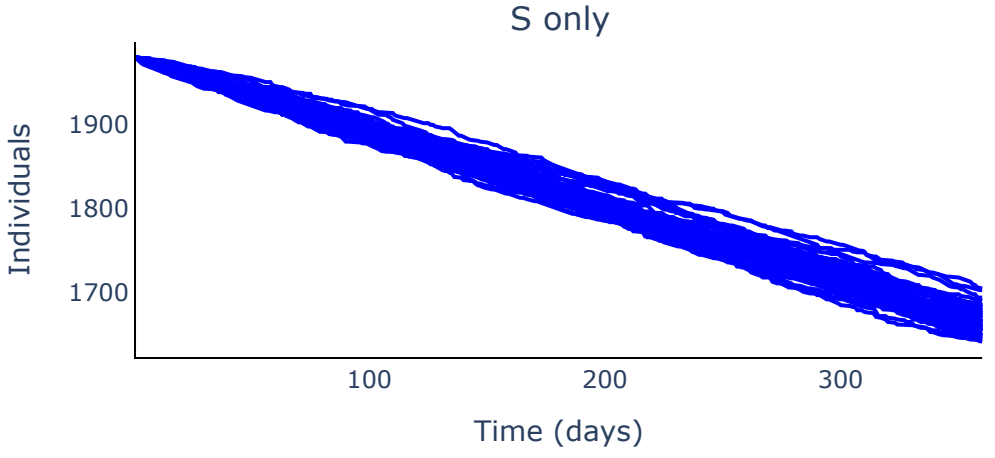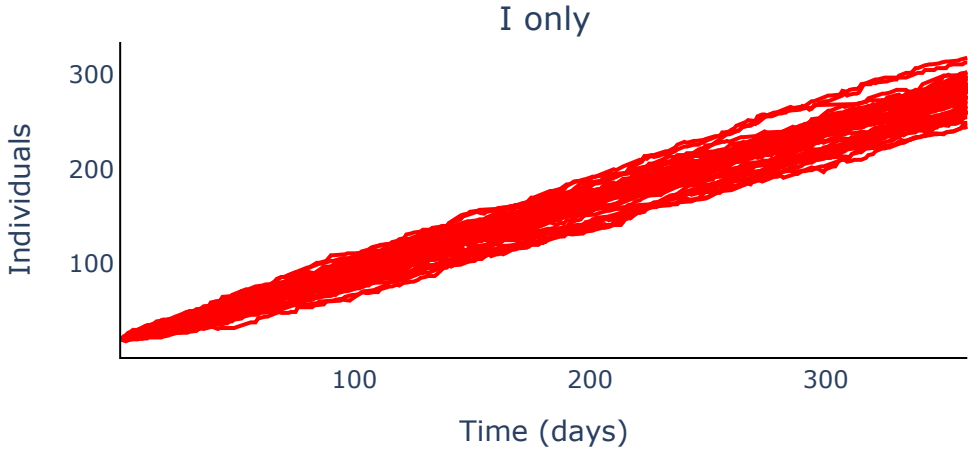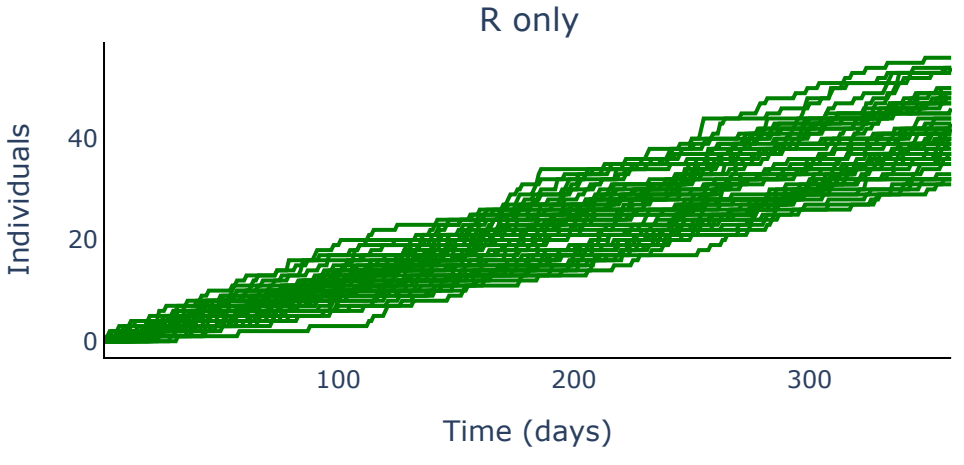Counts of compartments over time:
IC = [1980, 20, 0], θ = 0.05, μ = 0.001, ν = 0, β = 0.57, γ = 0.07