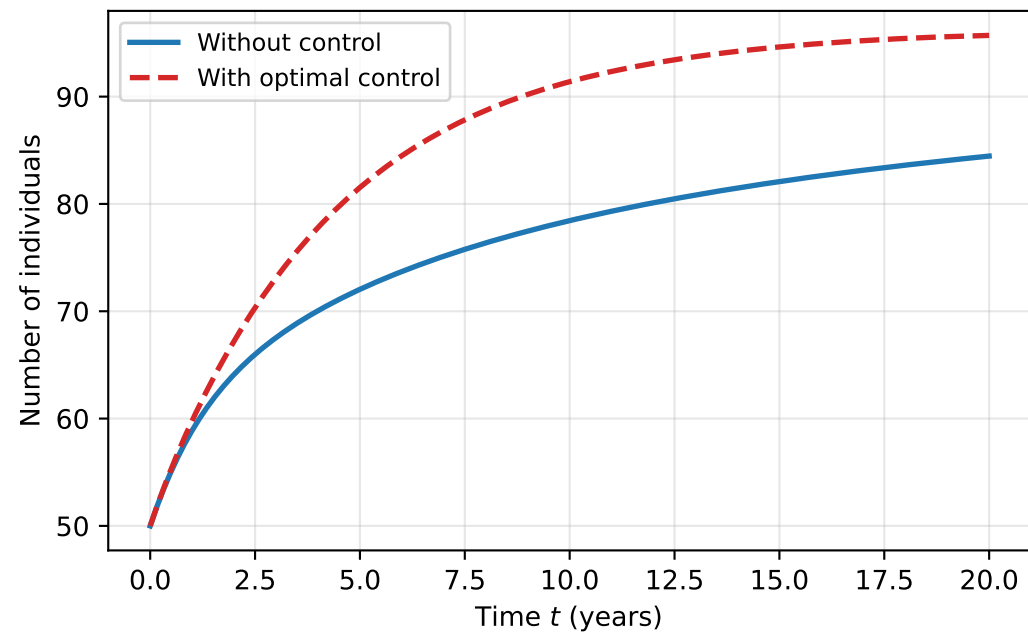
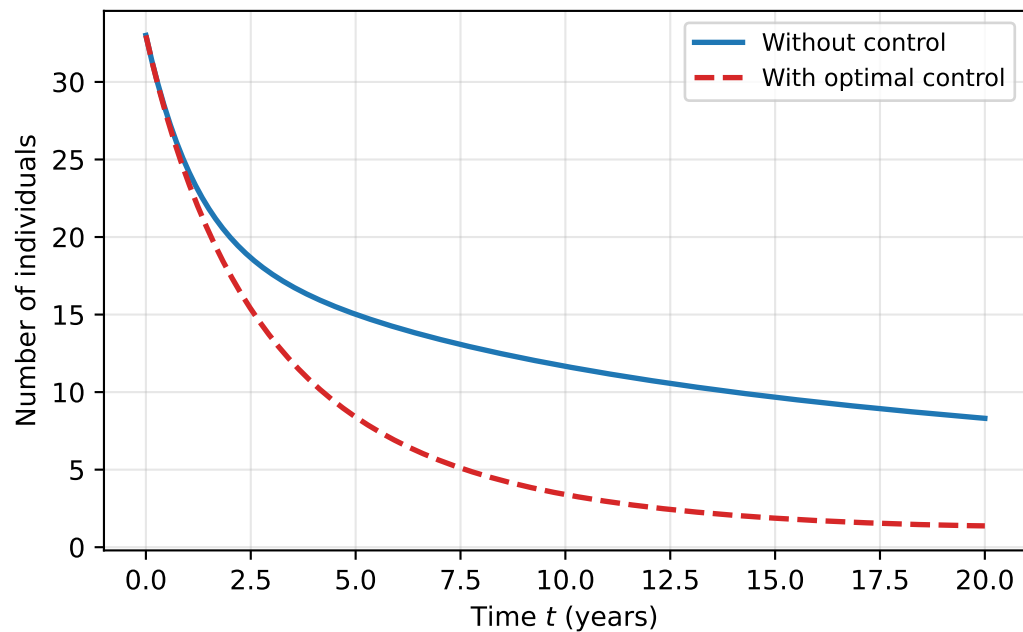


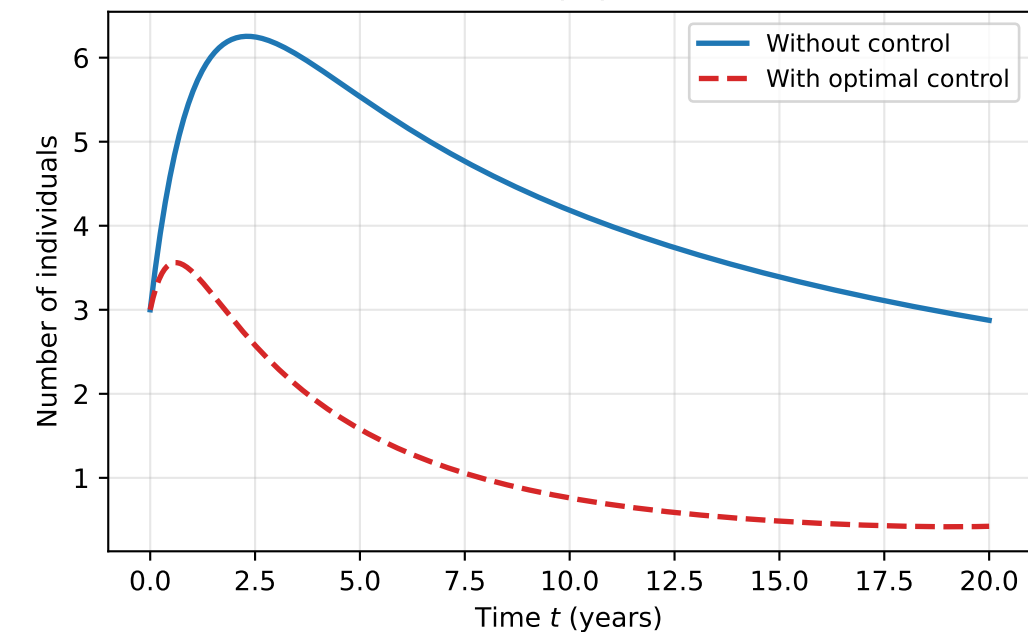
(a) Susceptible population $S(t)$



(b) Exposed population $E(t)$



(c) Addicted population $I(t)$



(d) Recovered population $R(t)$

