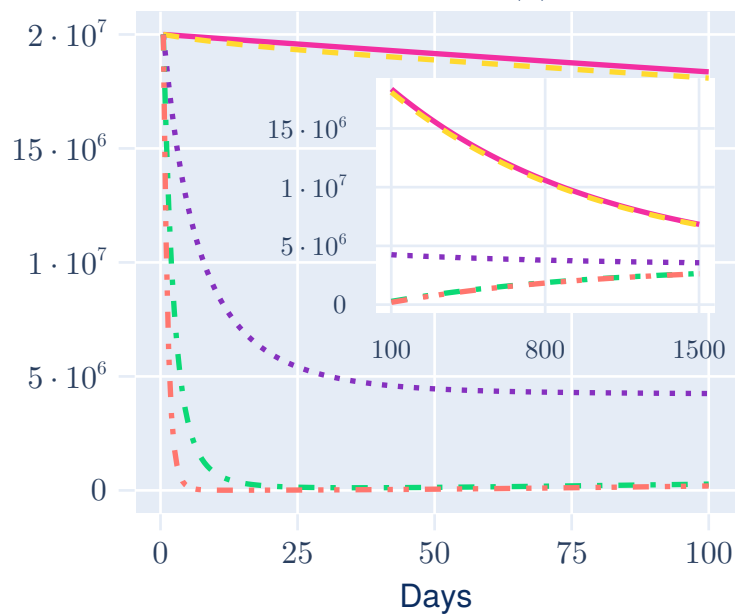


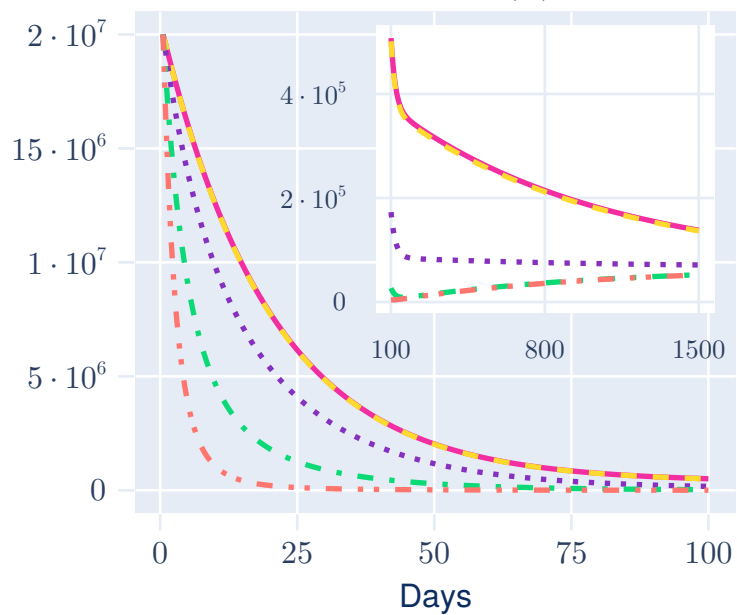
Solution of the problem for $\mathcal{R}_0 \leq 1$ and different initial values of E , A and I

— $d = 10$ - - $d = 10^4$ ··· $d = 10^6$ - · $d = 4 \cdot 10^6$ - · $d = 10^7$

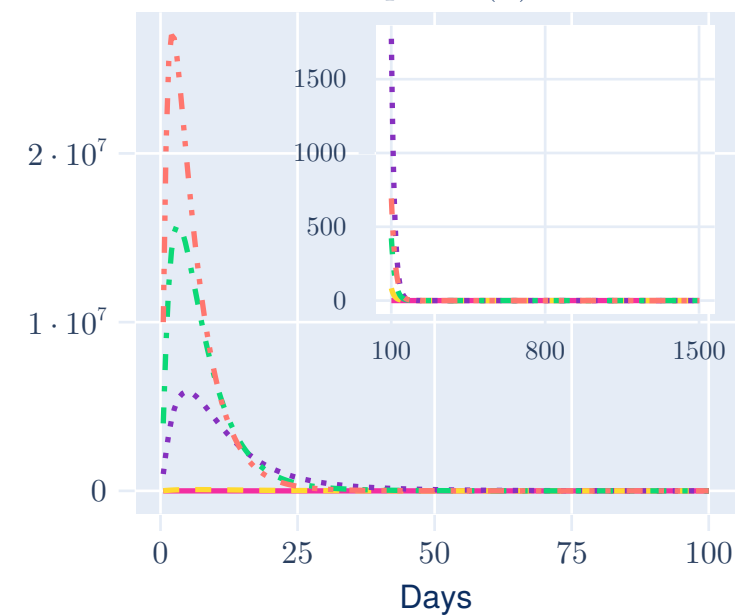
Susceptible (S)



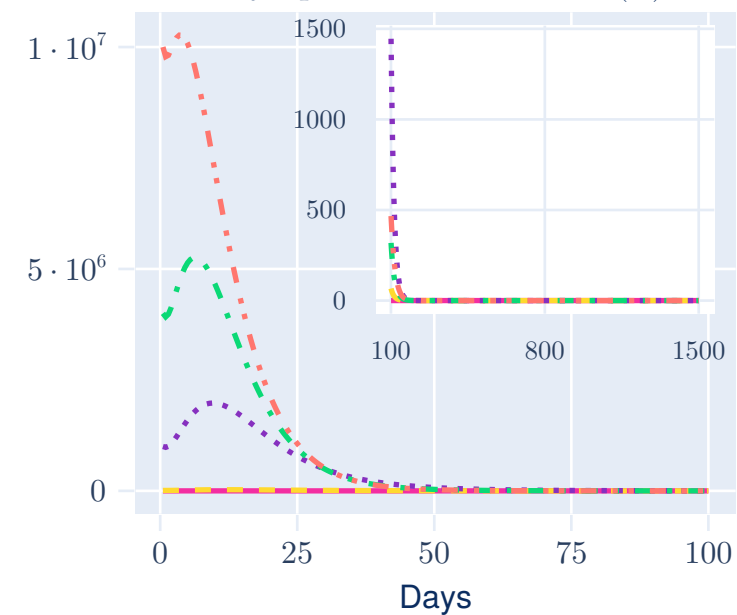
Vaccinated (V)



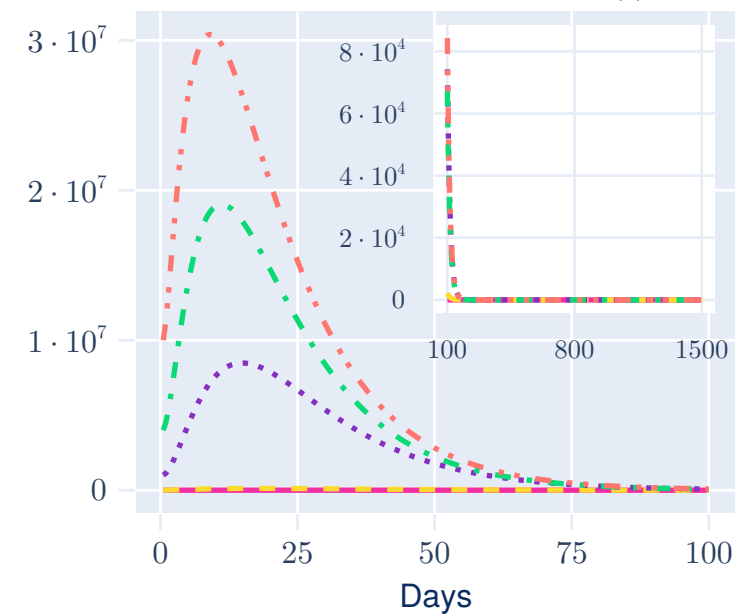
Exposed (E)



Asymptomatic infectious (A)



Symptomatic infectious (I)



Removed (R)

