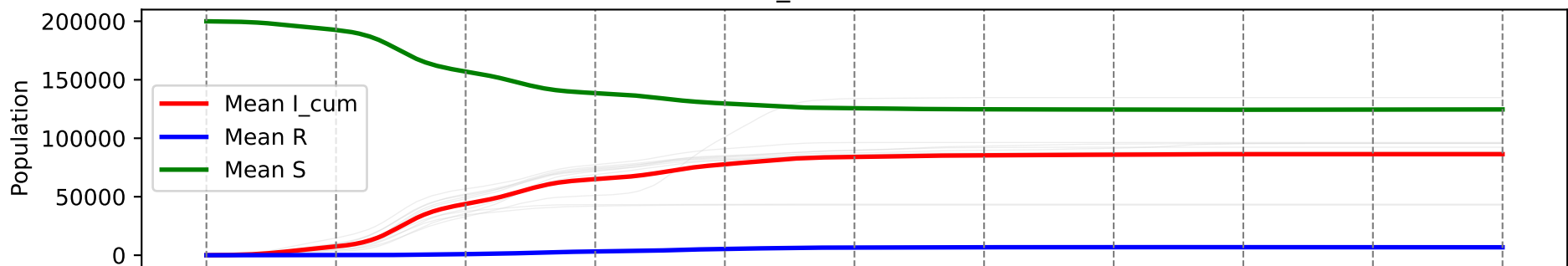
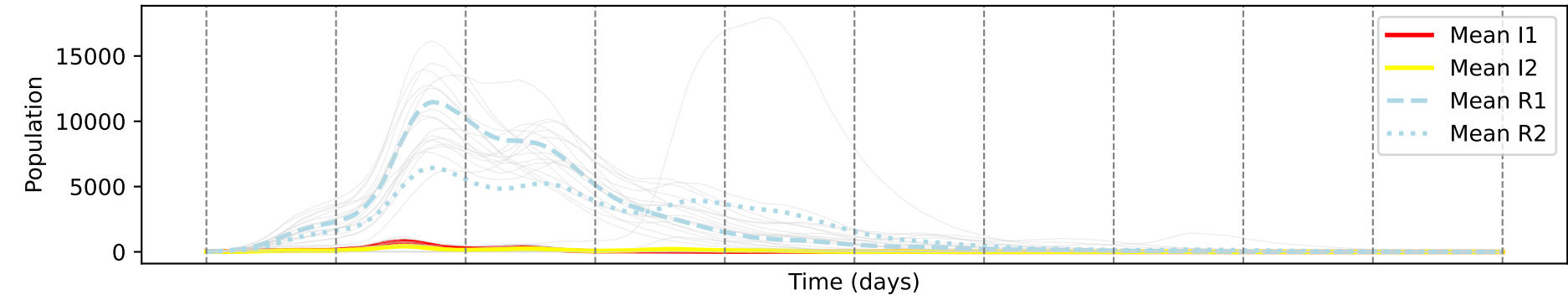


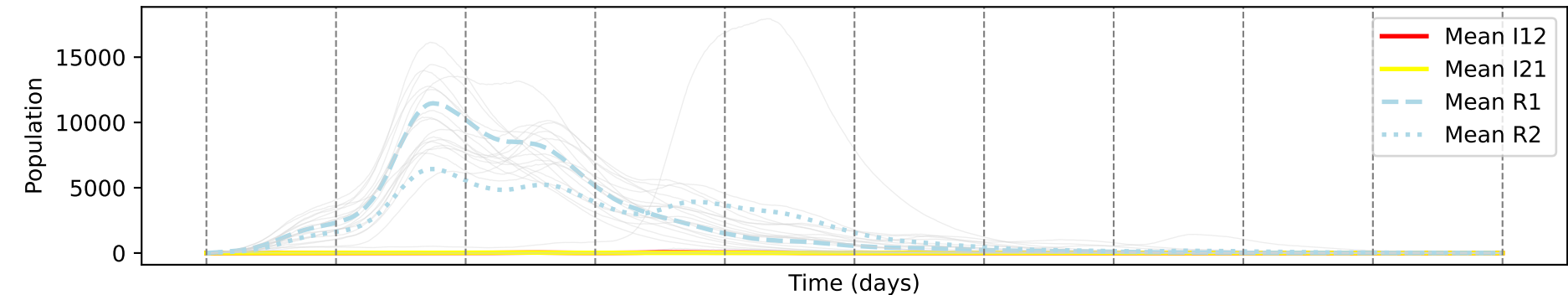
Simulation with $\beta_0 = 0.15$ and $\beta_1 = 0.15$, seed: I1 = 20, I2 = 10
Mean I_cum with Mean R



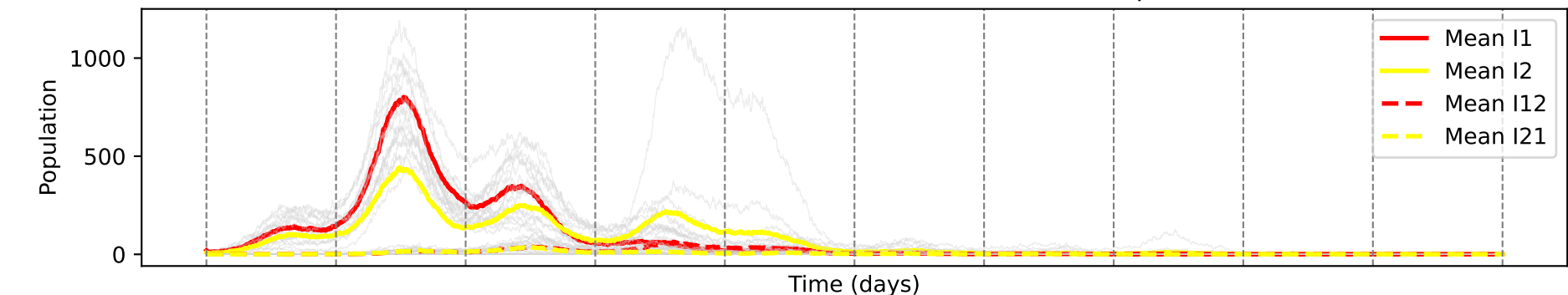
Primary infections I1, I2, and recovered R1, R2



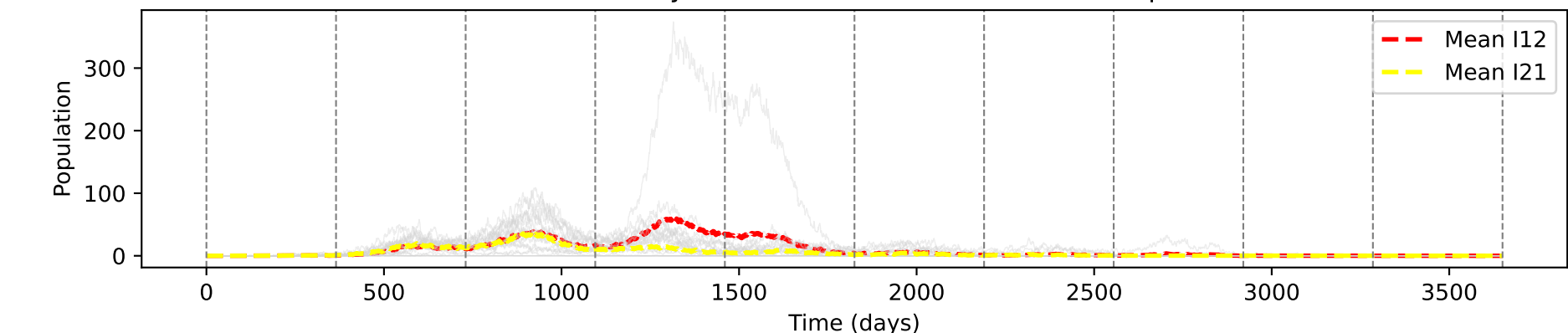
Secondary infections I12, I21, and recovered R1, R2



All infections I1, I2, I12, I21 to check overlap



Secondary infections I12, I21 to check overlap



$\beta(t)$ parameter over time

