Compare_stocha_and_deter.pdf(smoothed=True)

 $beta=0.455717, sigma=0.98519, gamma=0.2386, hp=0.02071, hcr=0.0313, pc=0.07767, pd=0.04177, pcr=0.244847, s=0.74, t=0.89\\ S_0=999982, E_0=9, I_0=9, R_00, H_0=0, C_0=0, D_0=0$ deterministic - E 100000 deterministic - I deterministic - H deterministic - C stochastic - E stochastic - I 80000 stochastic - H stochastic - C 60000 40000 20000 0 150 200 50 125 175 25 75 100 0 Days