fit_on_death.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

$S_0=999982, E_0=9, I_0=9, R_0=0, H_0=0, C_0=0, D_0=0$