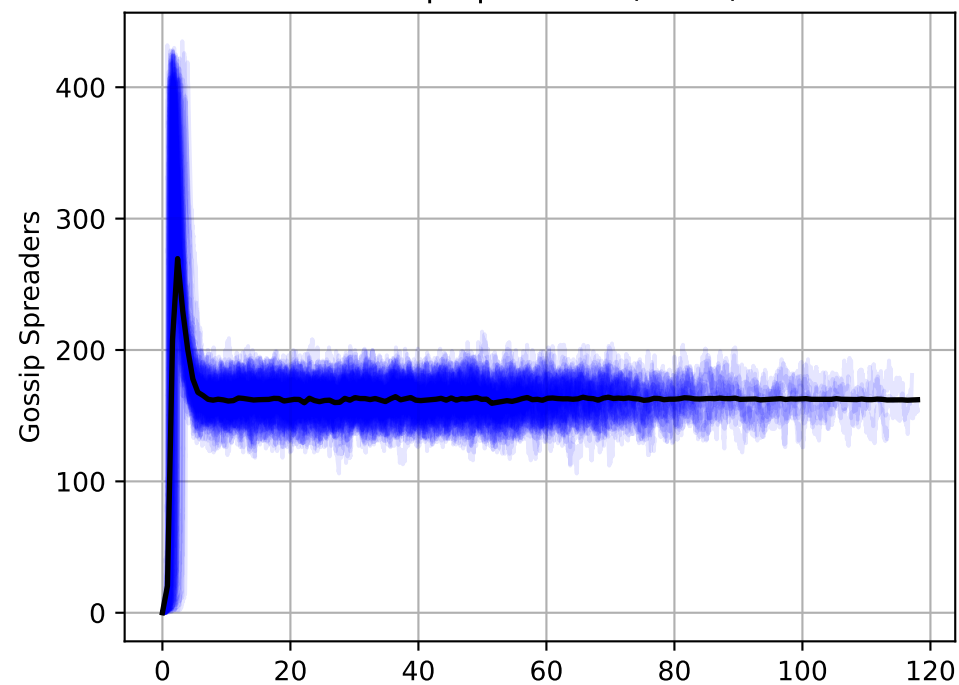
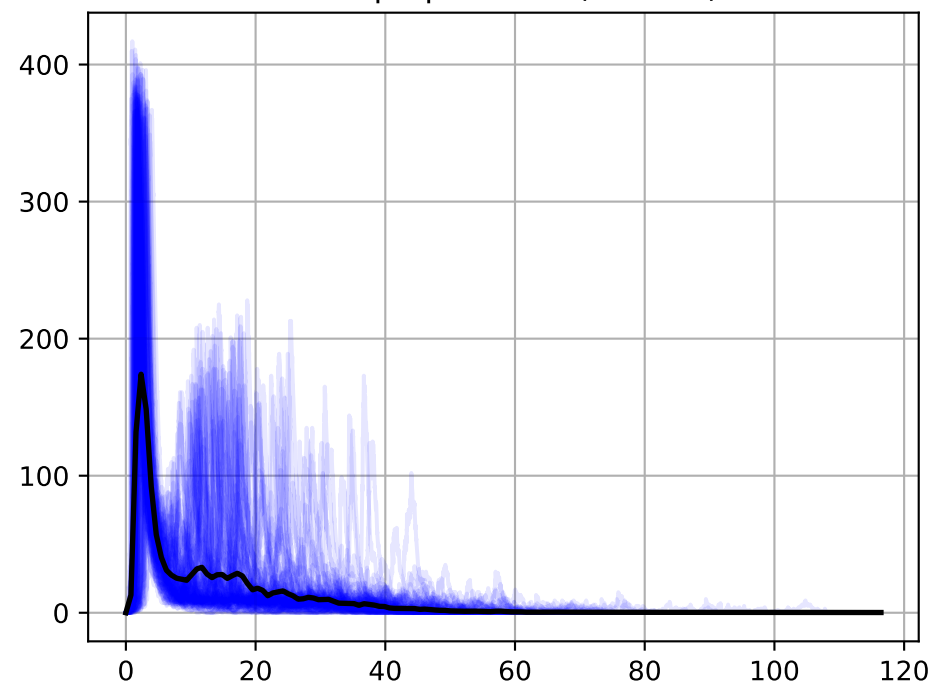
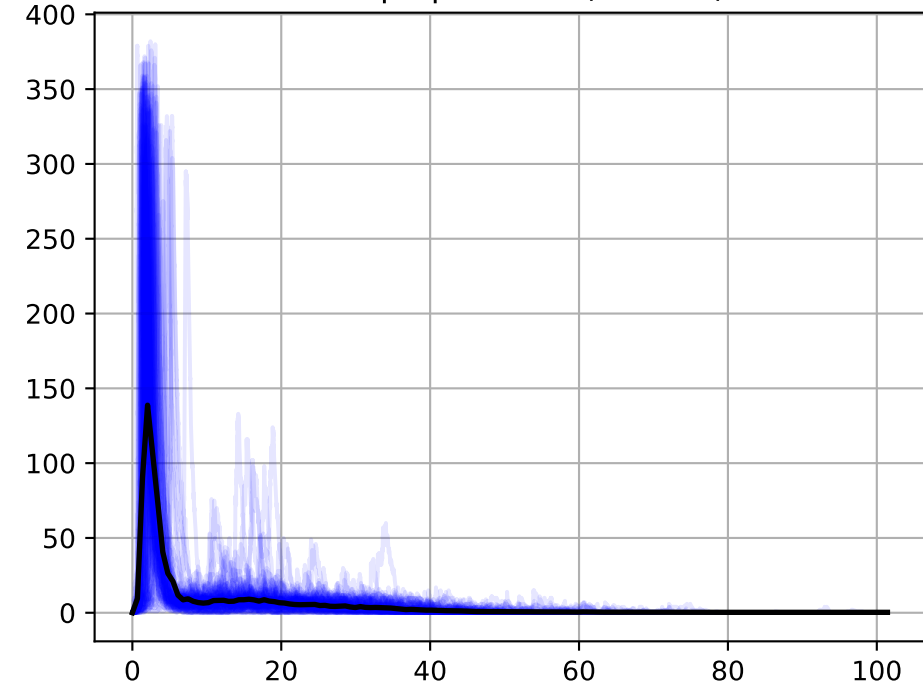
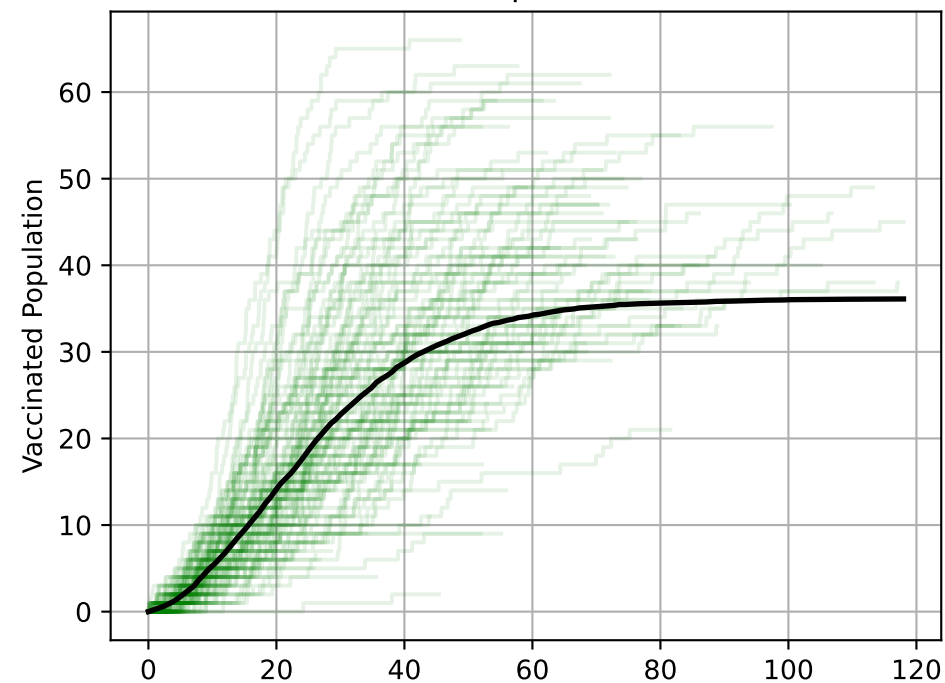
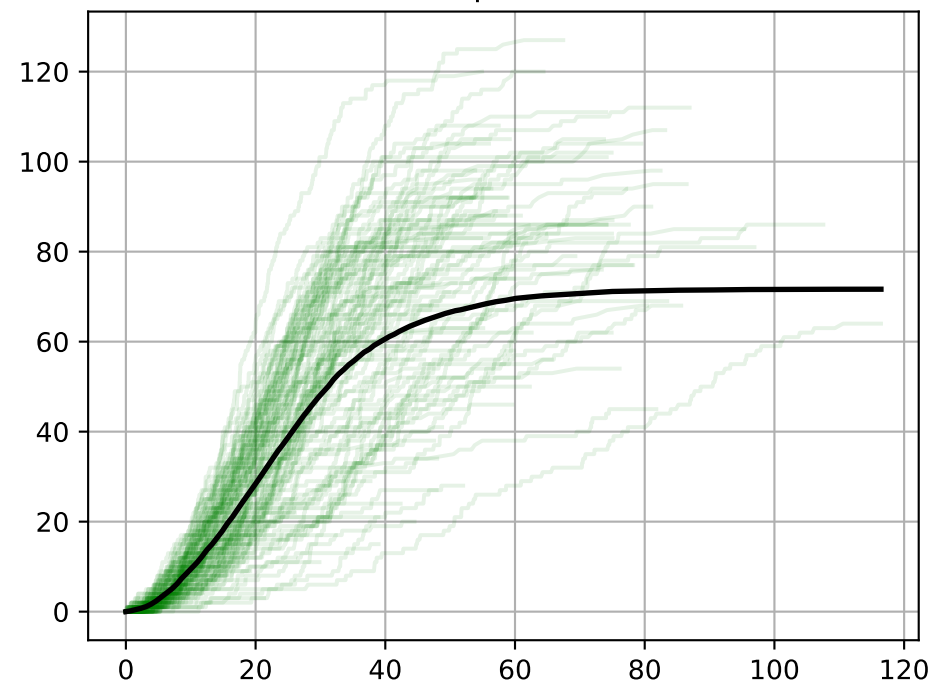
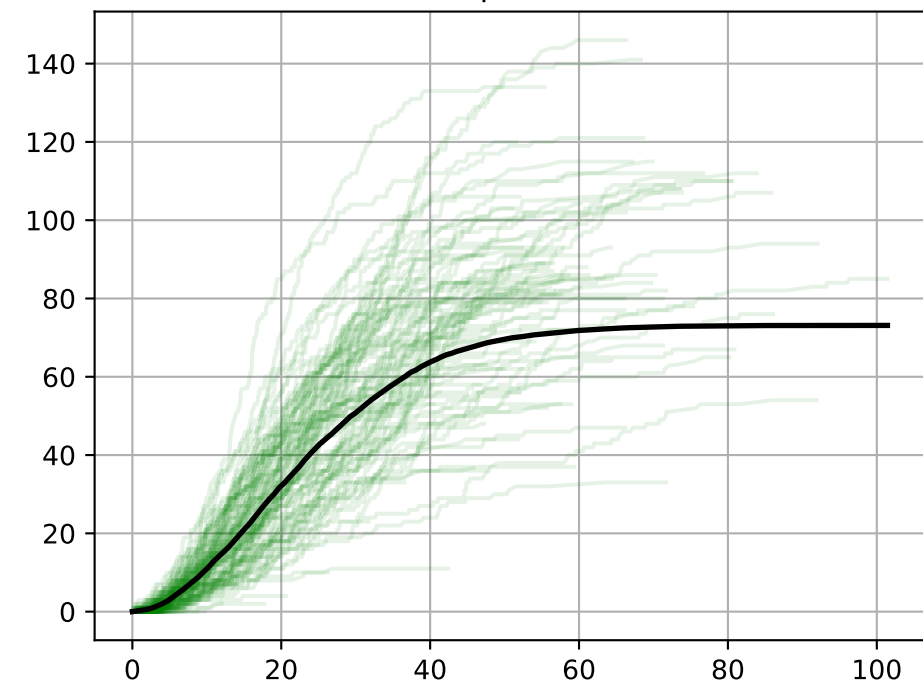
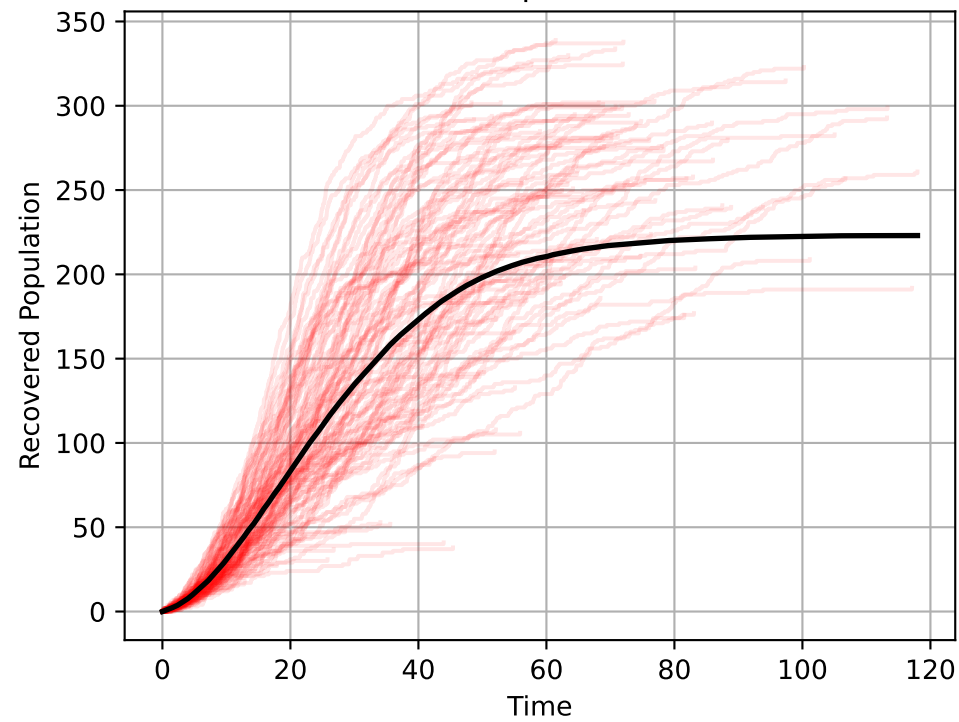
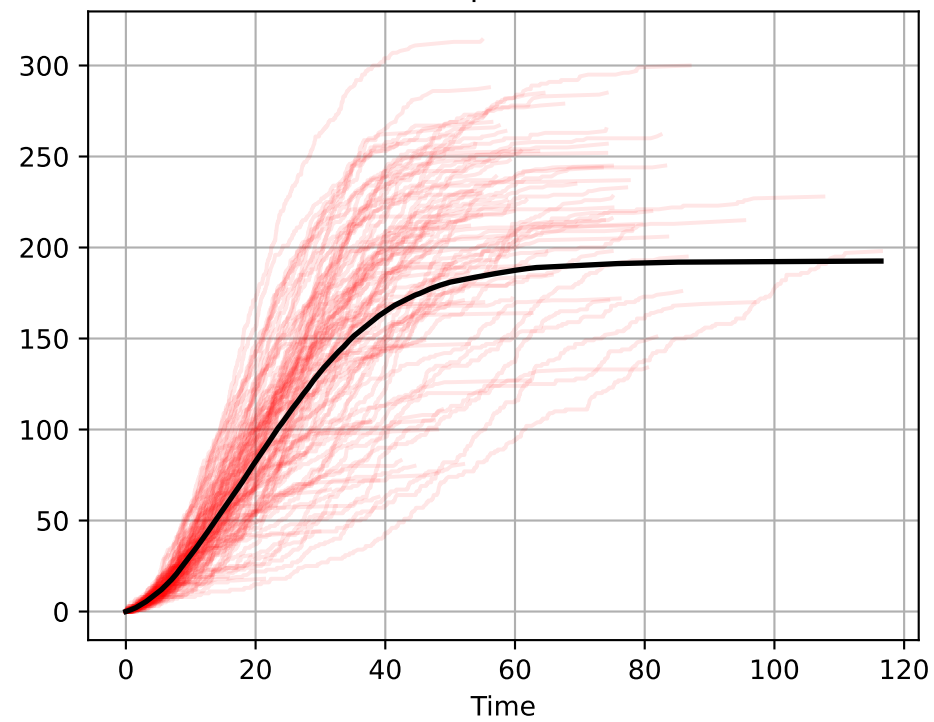


Gossip Spreaders ($\sigma = 0$)Gossip Spreaders ($\sigma = 0.2$)Gossip Spreaders ($\sigma = 0.5$)Vaccinated Population ($\sigma = 0$)Vaccinated Population ($\sigma = 0.2$)Vaccinated Population ($\sigma = 0.5$)Recovered Population ($\sigma = 0$)Recovered Population ($\sigma = 0.2$)Recovered Population ($\sigma = 0.5$)