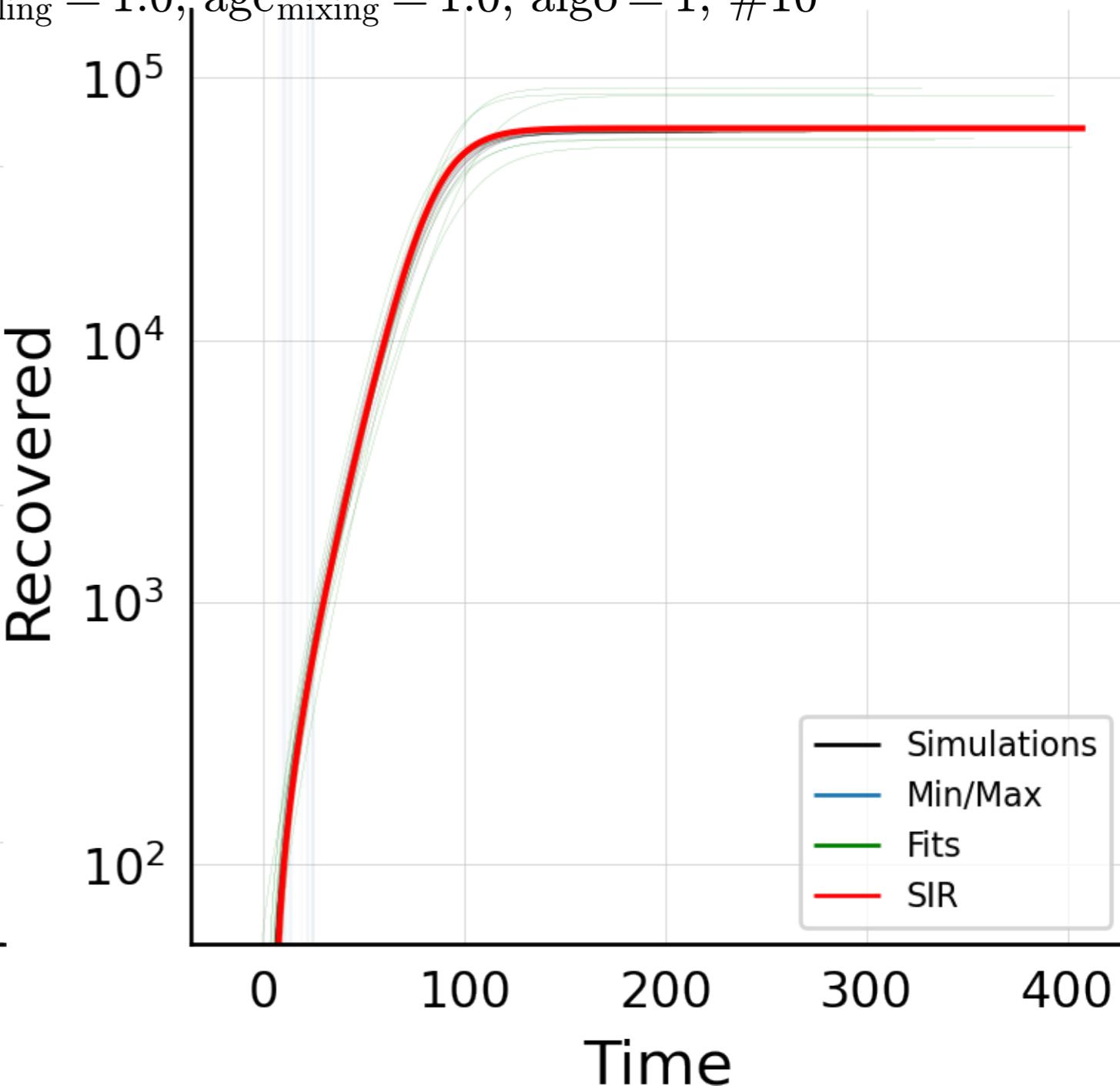
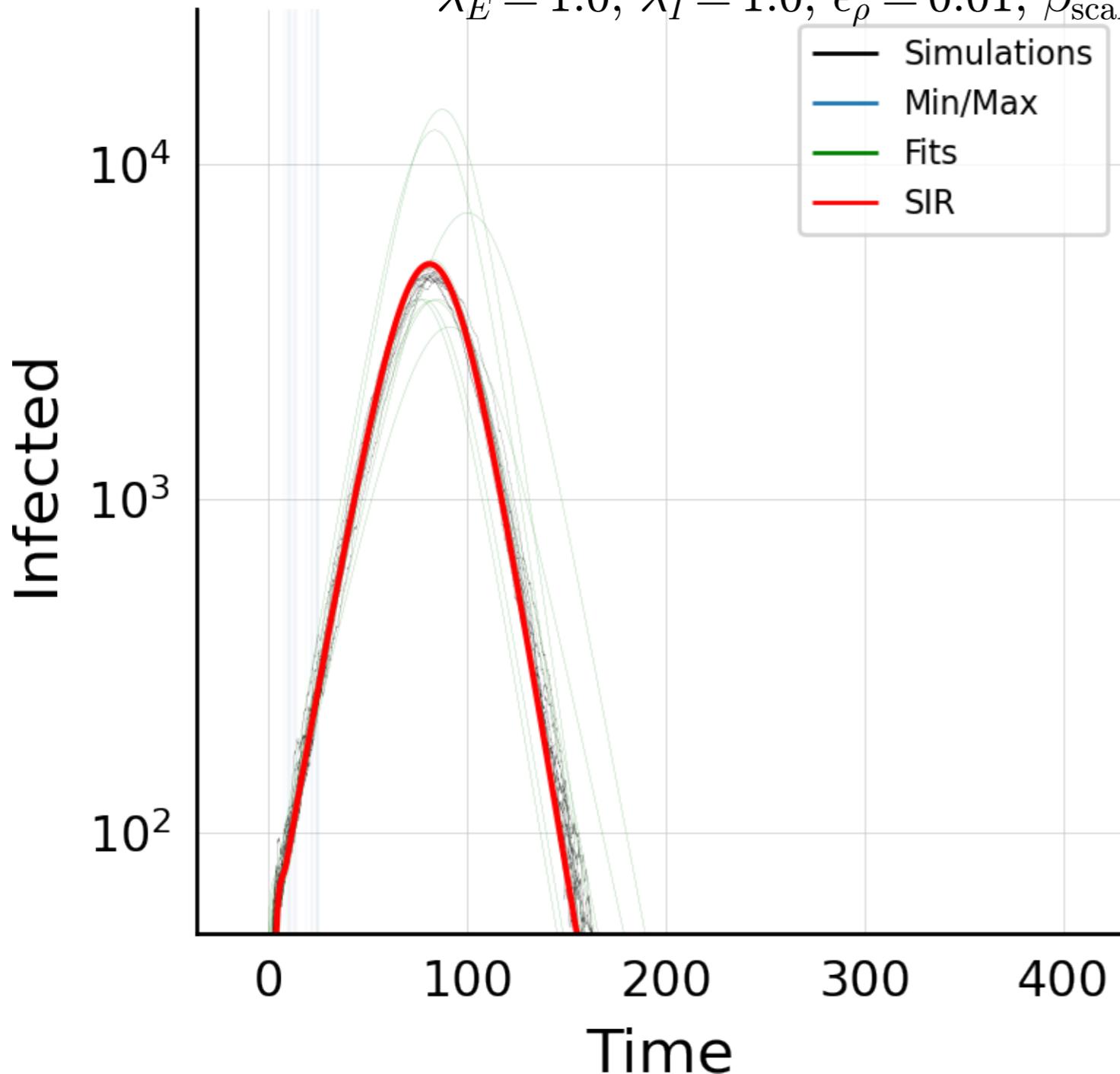
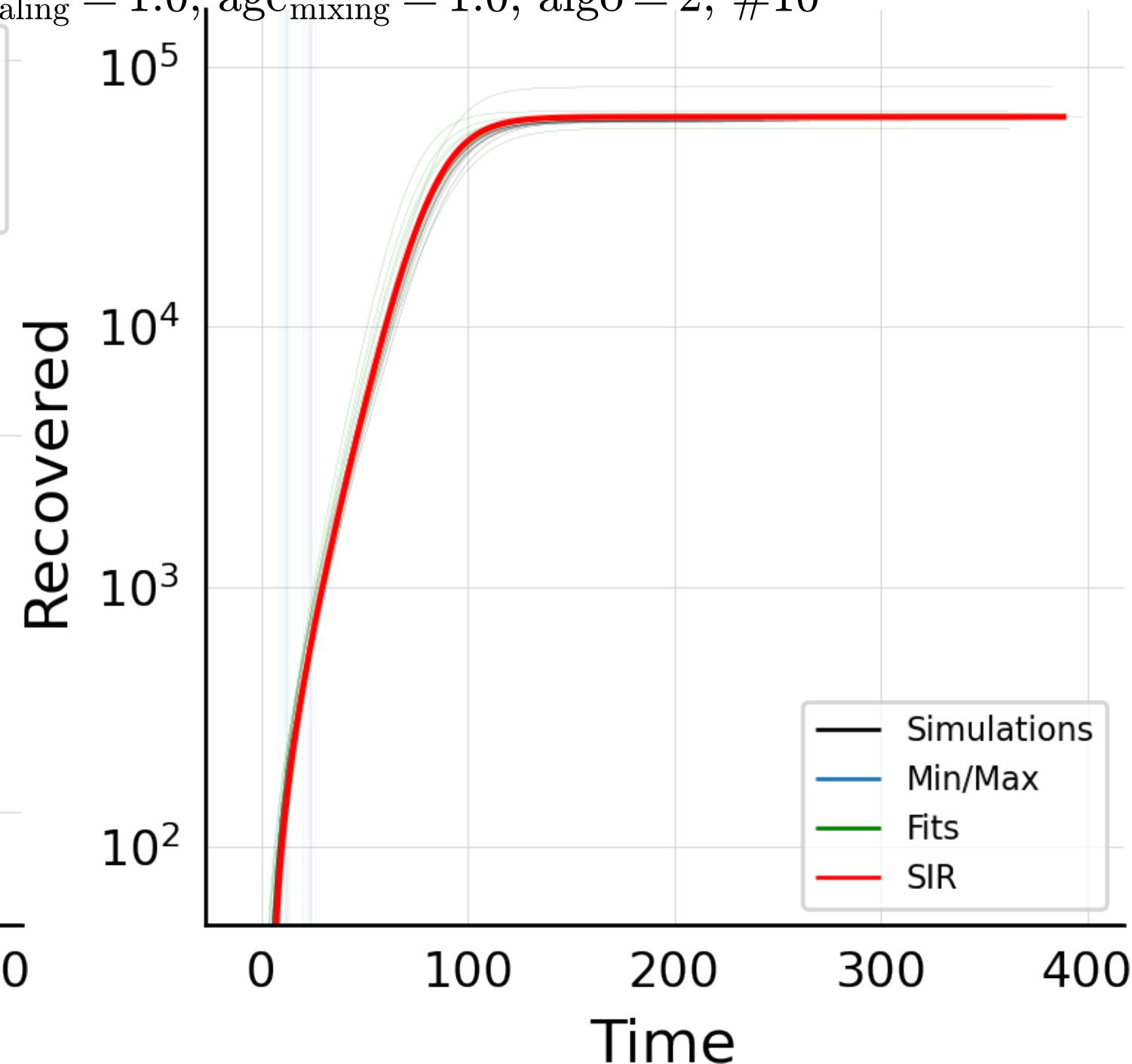
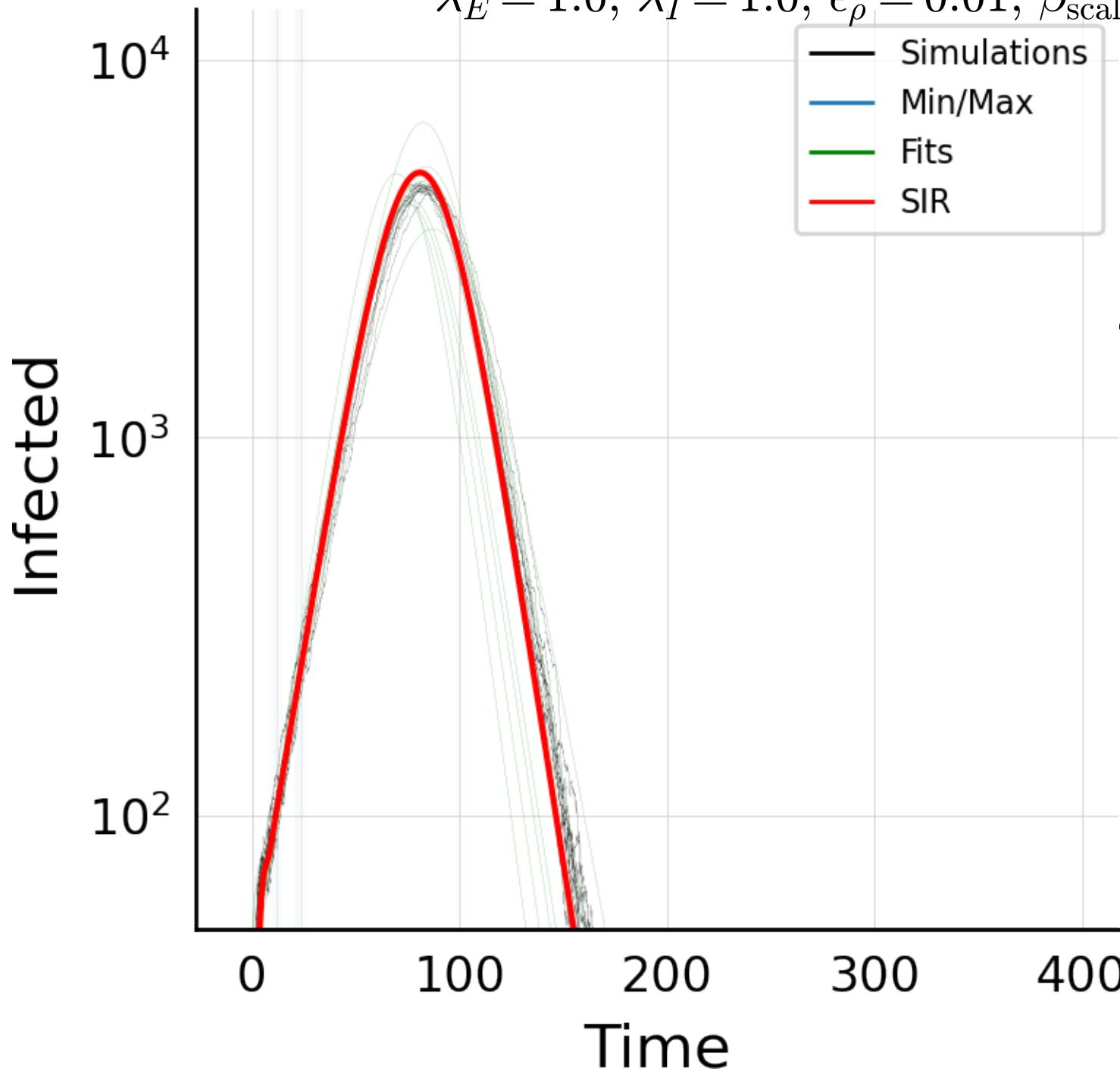


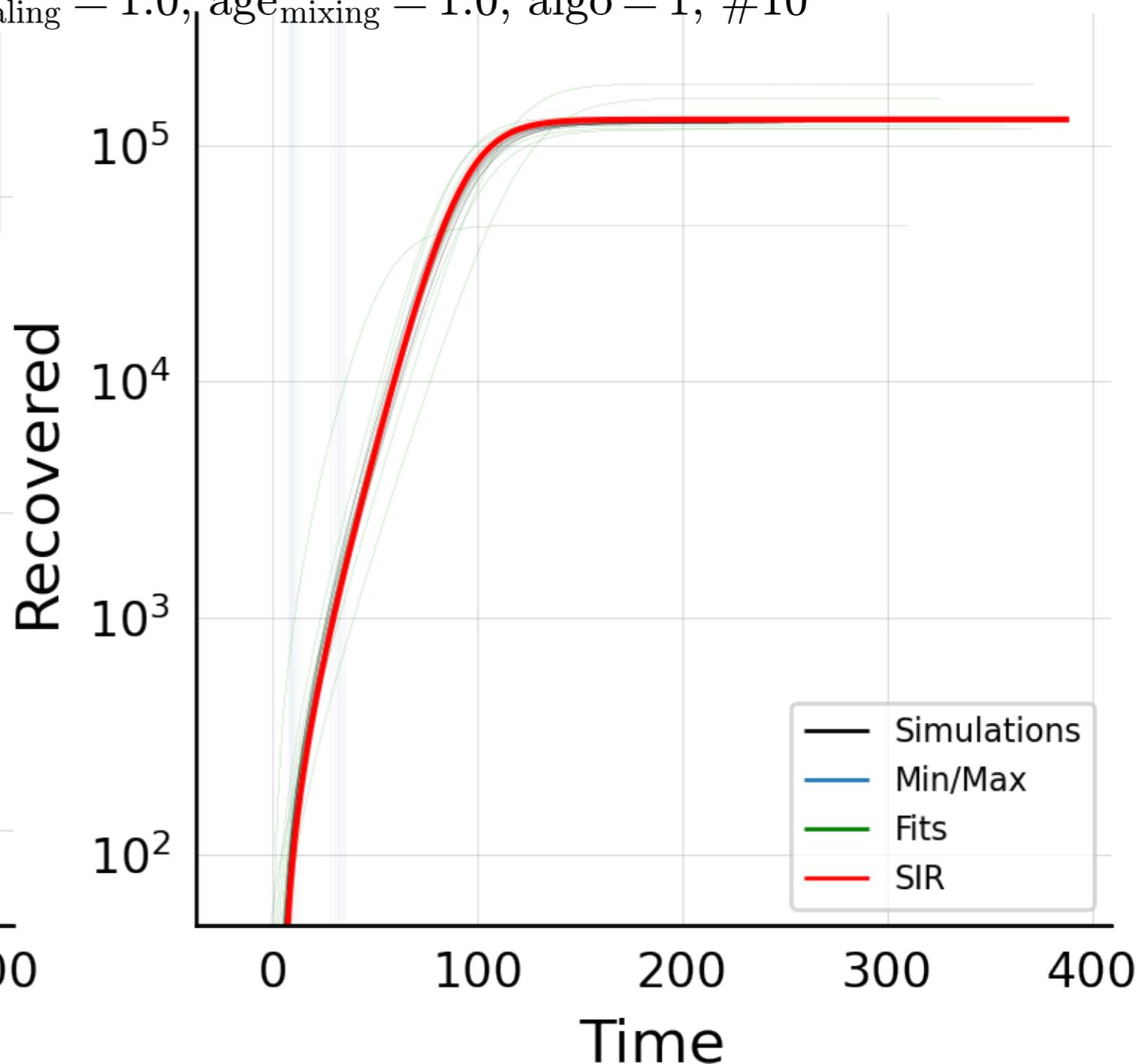
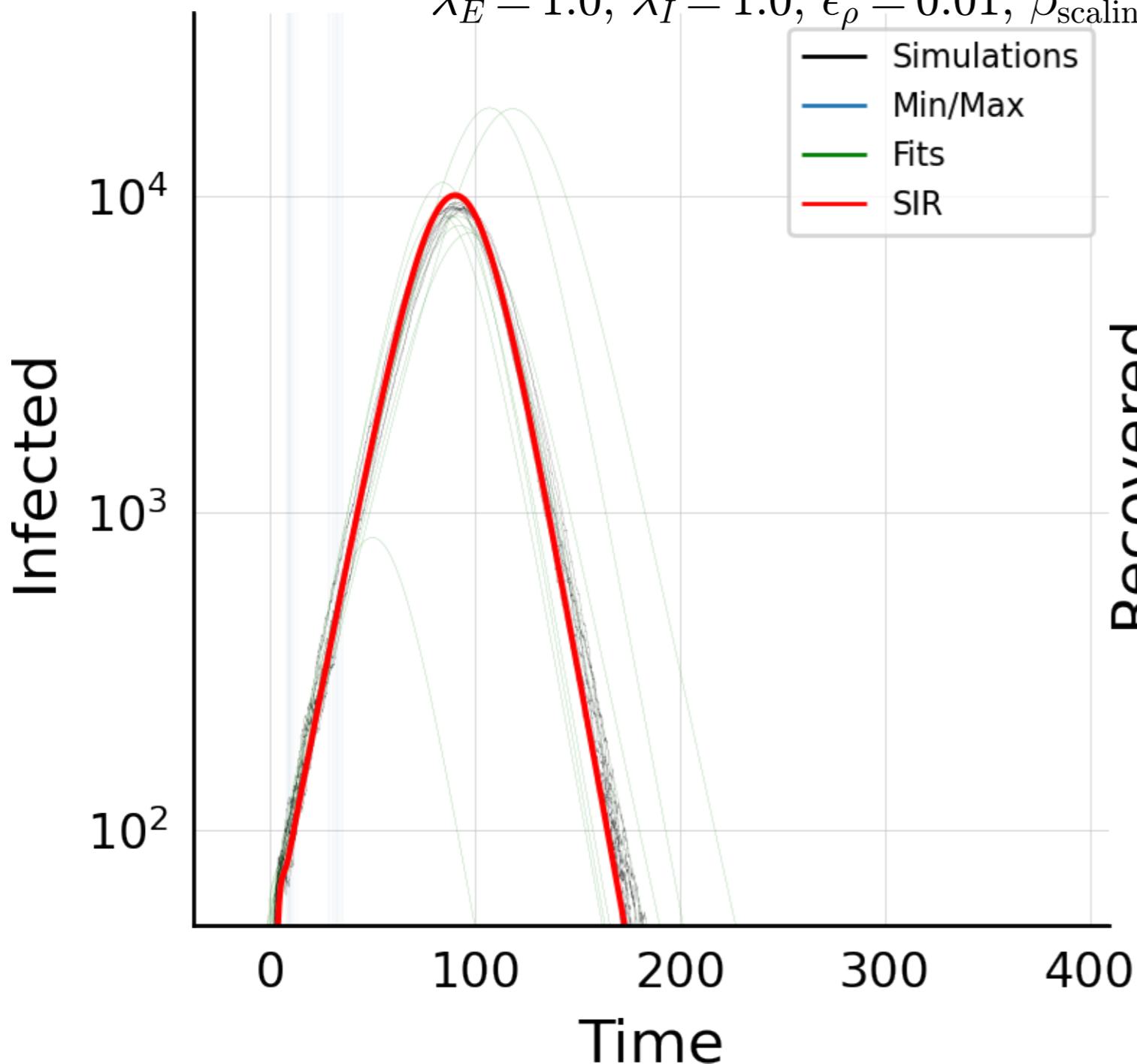
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



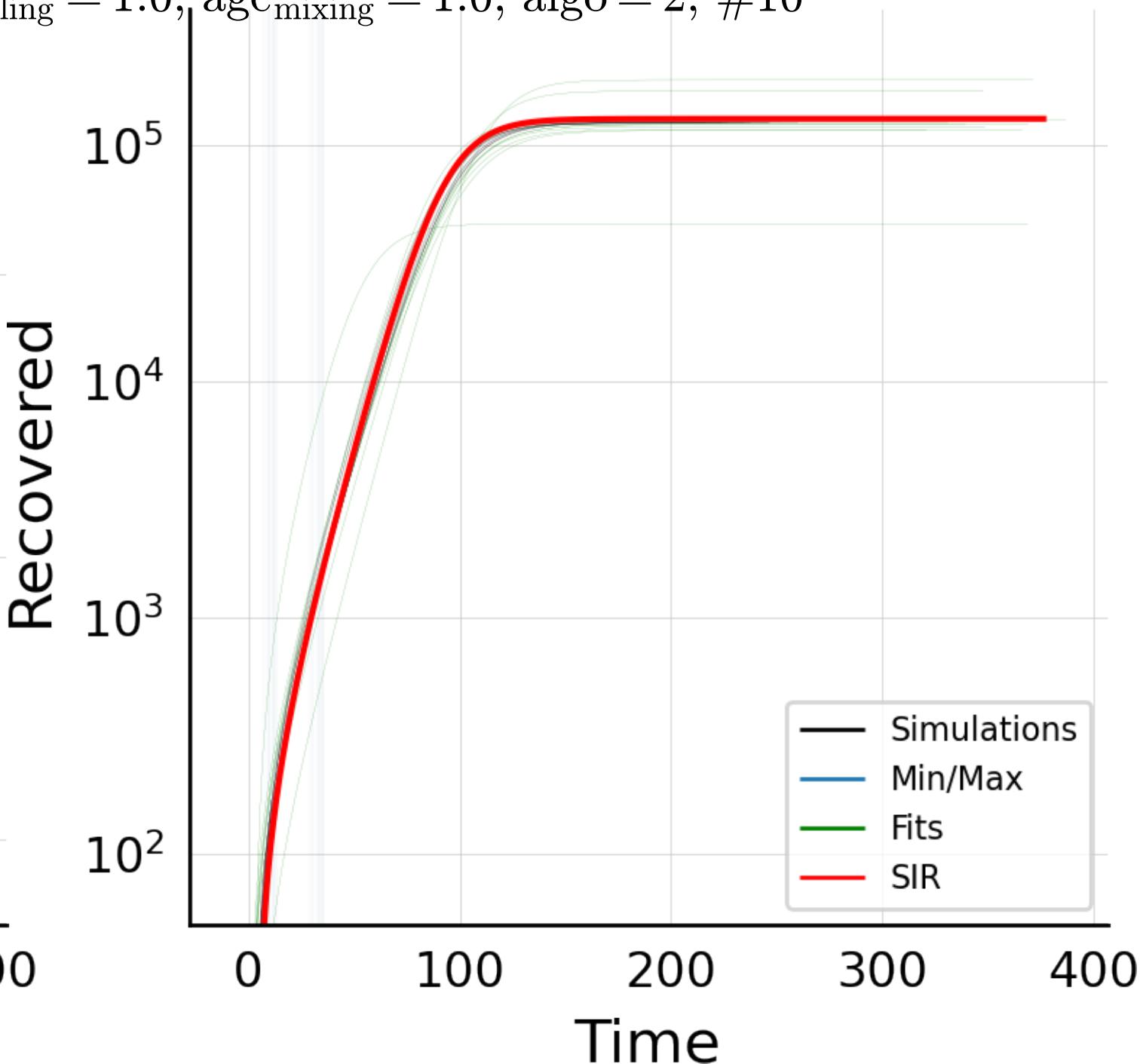
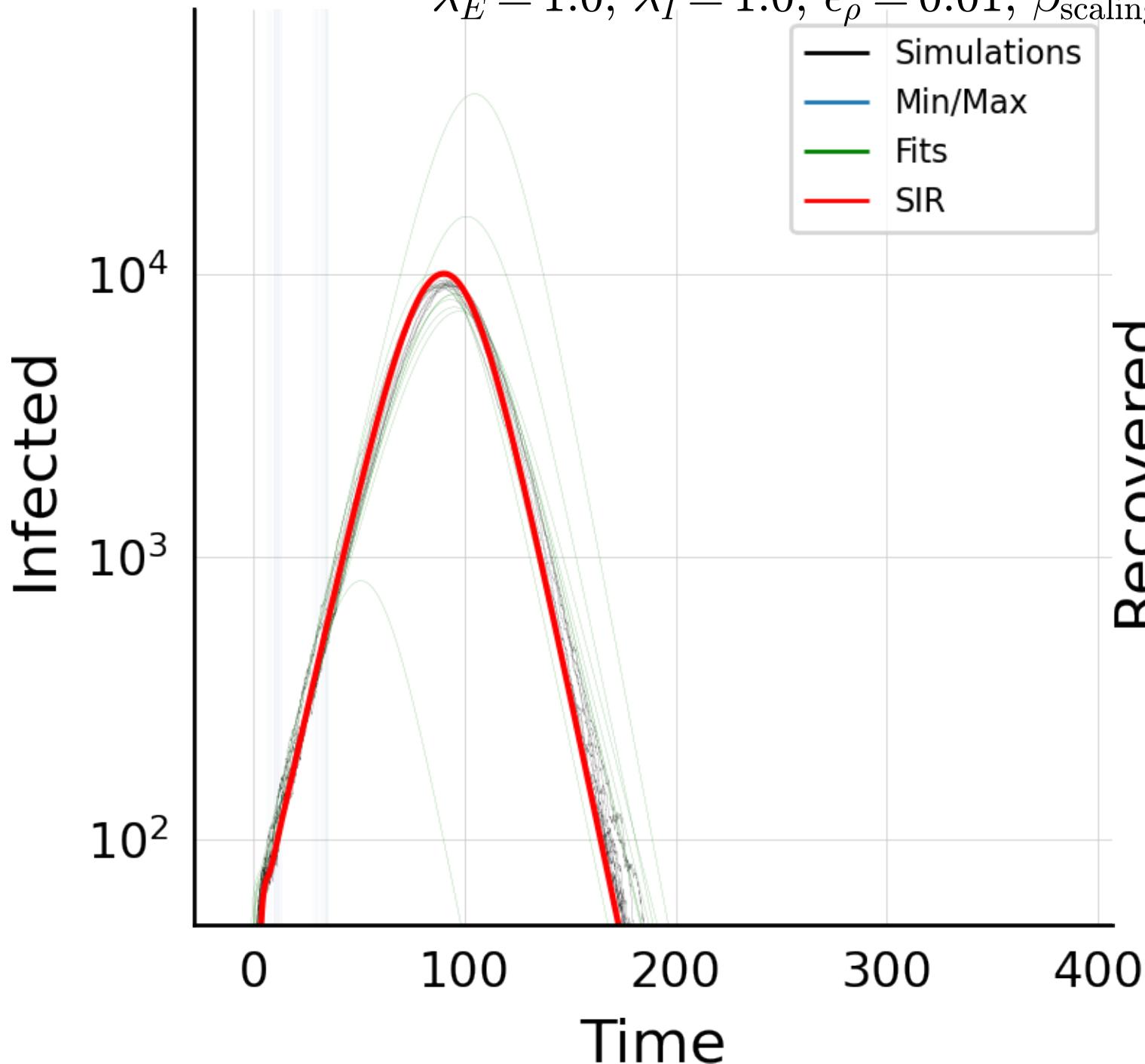
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



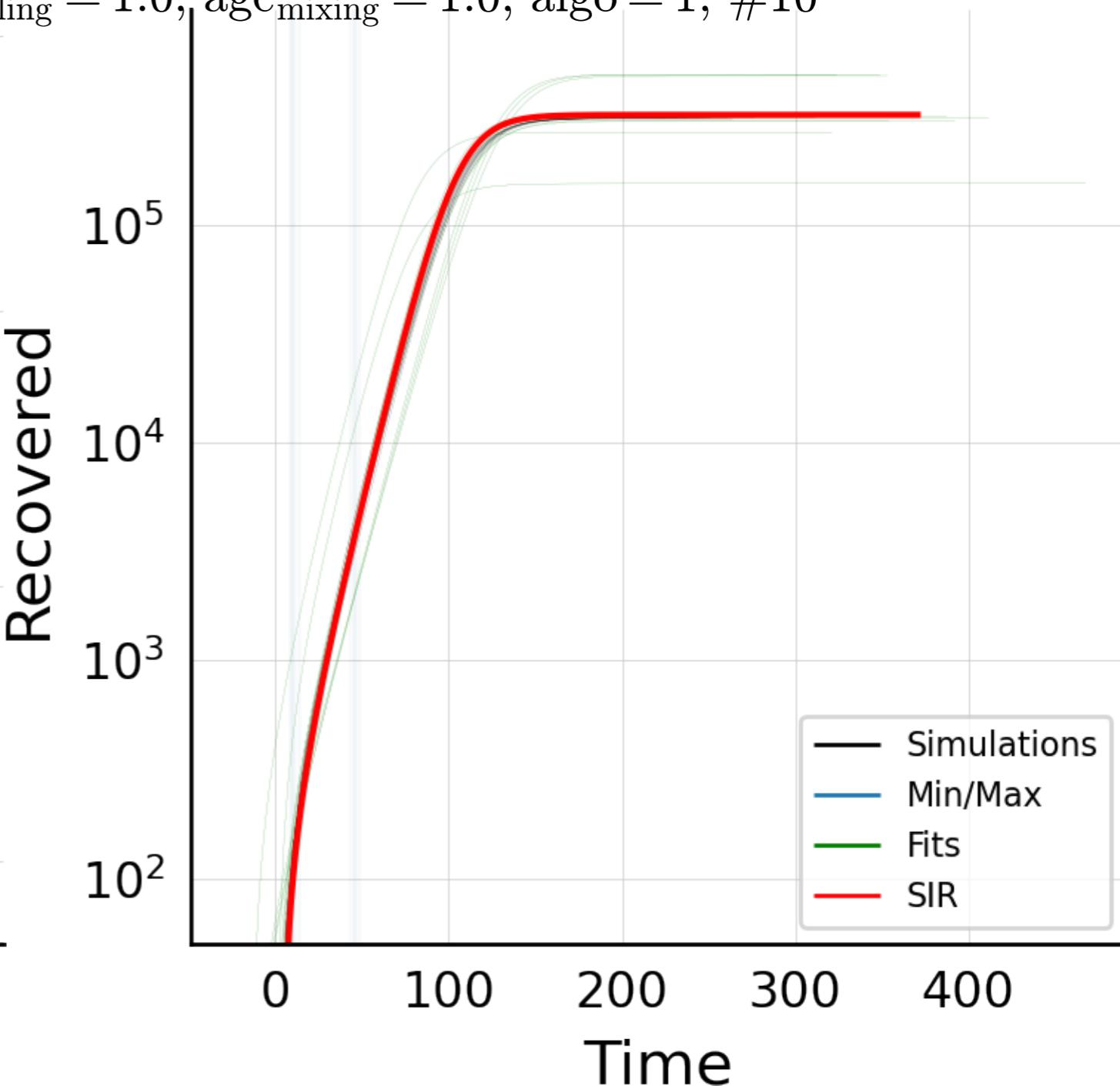
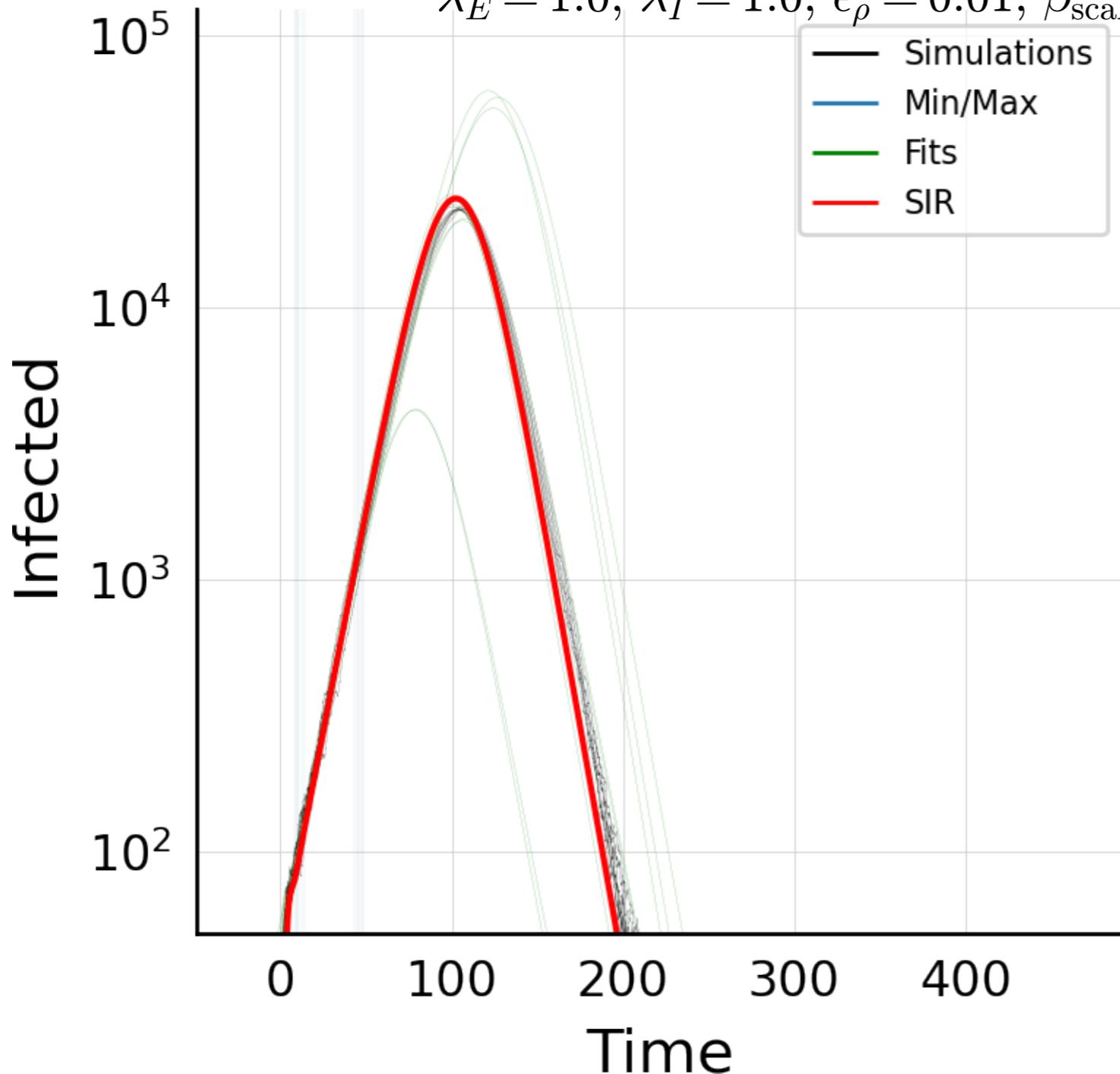
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



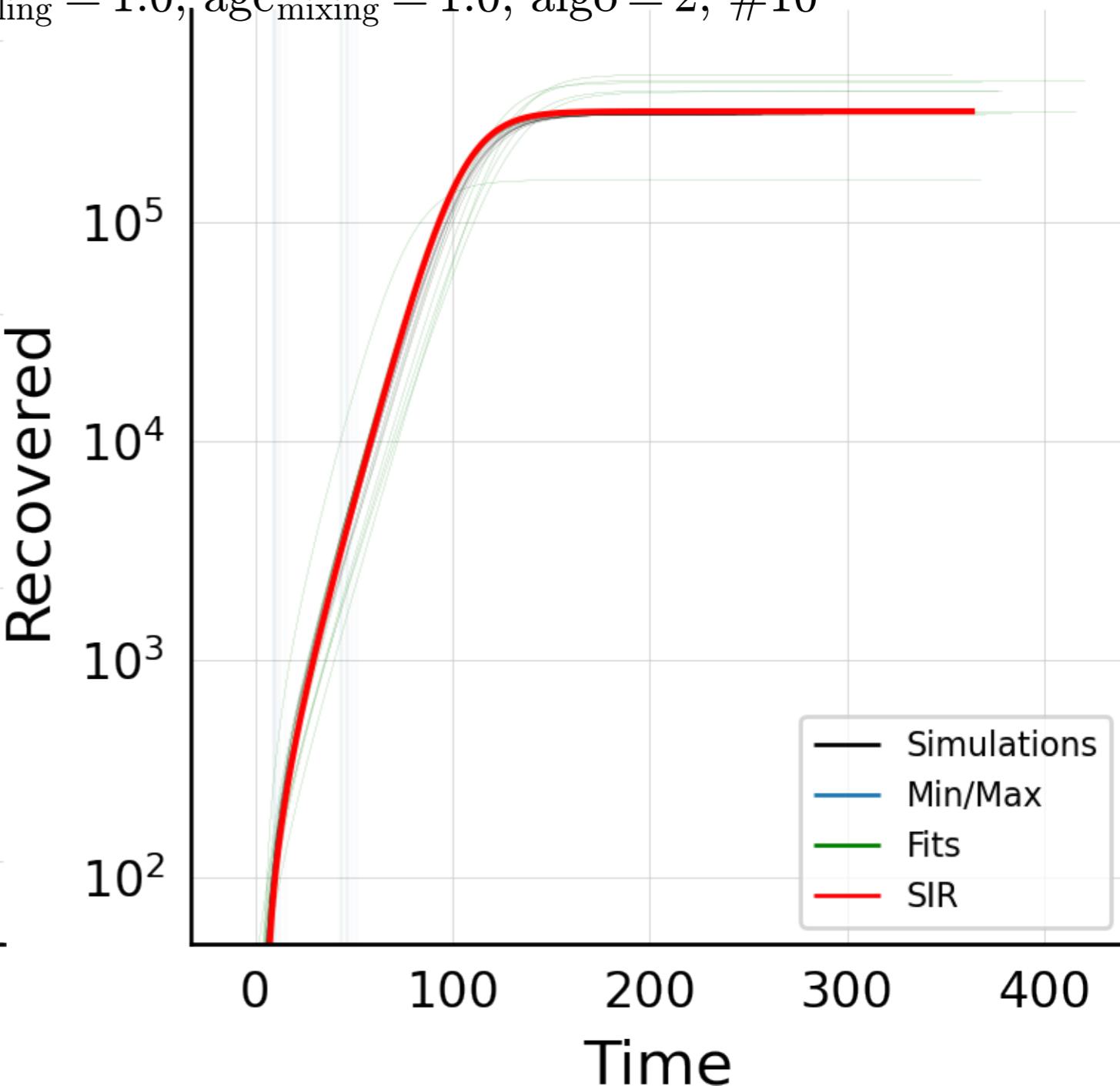
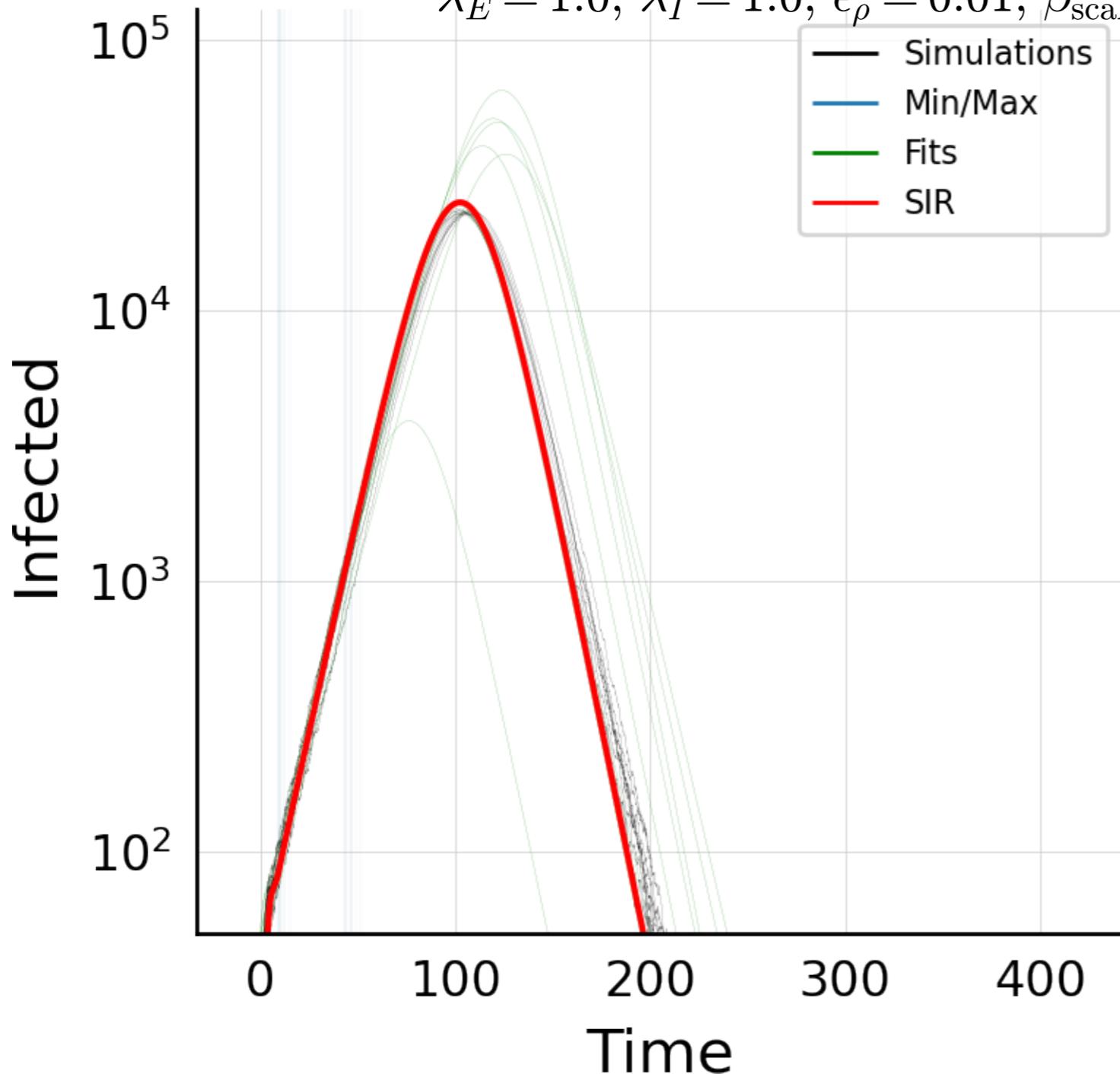
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



$N_{\text{tot}} = 500K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10

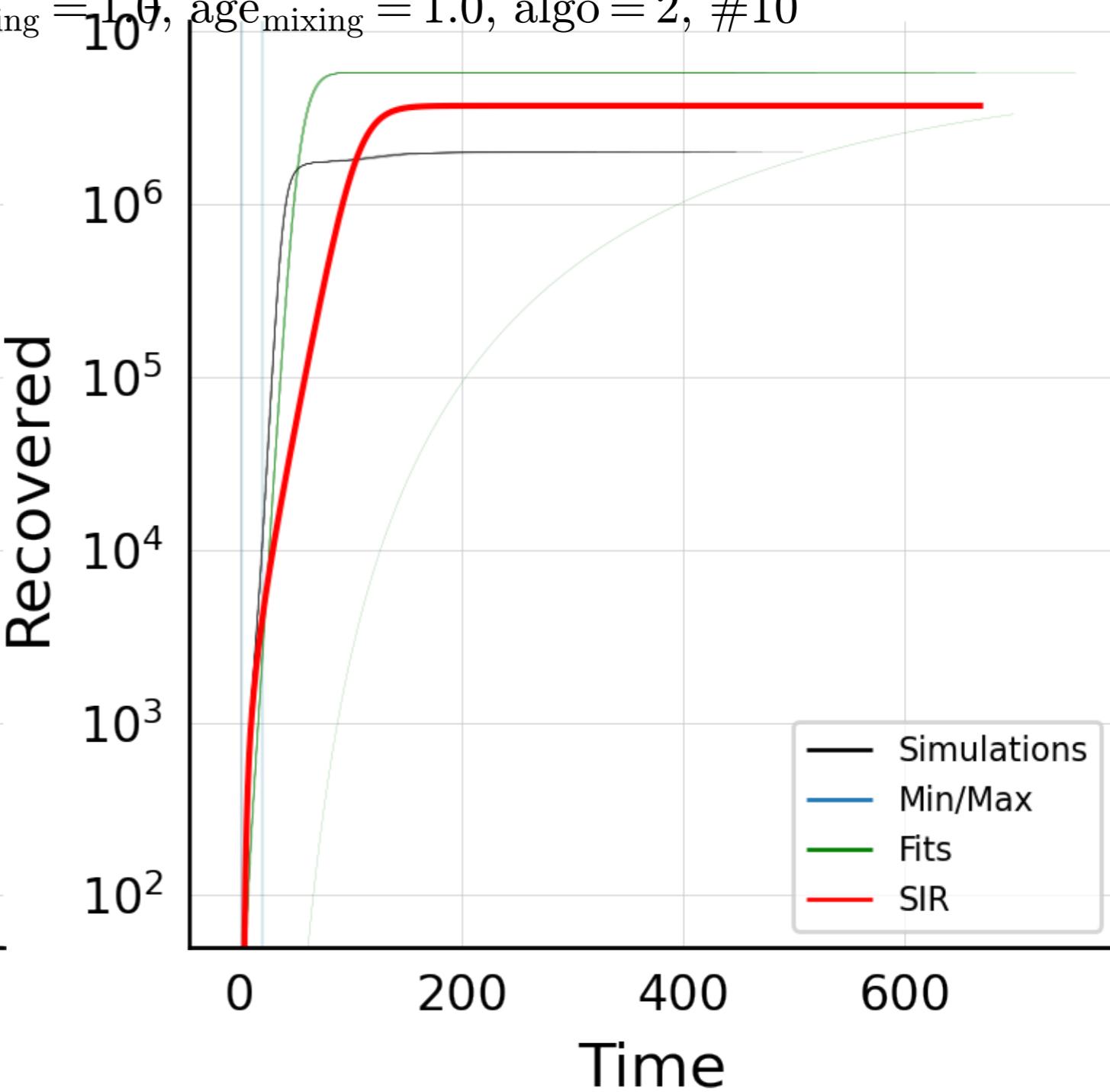
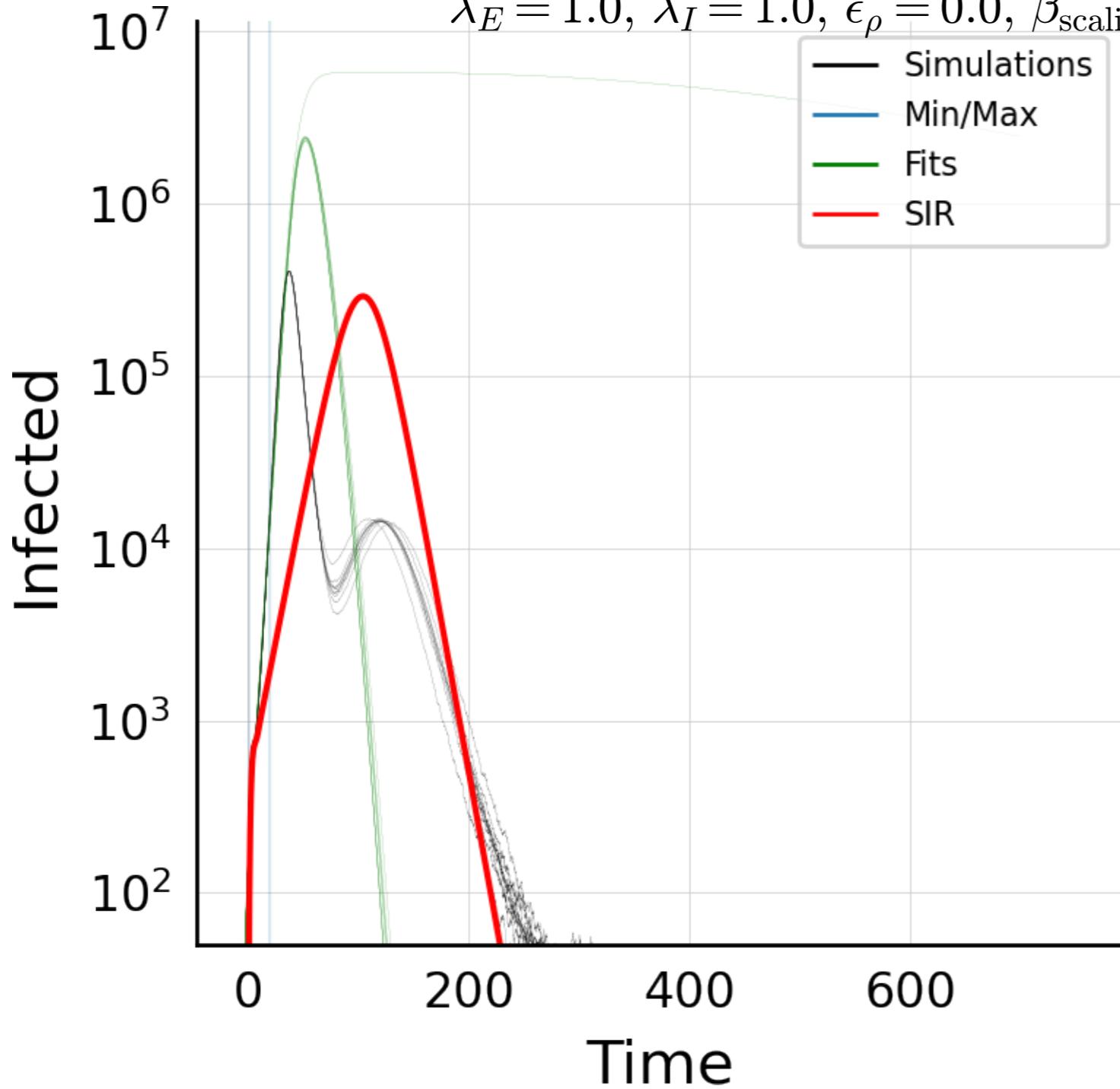


$N_{\text{tot}} = 500K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10

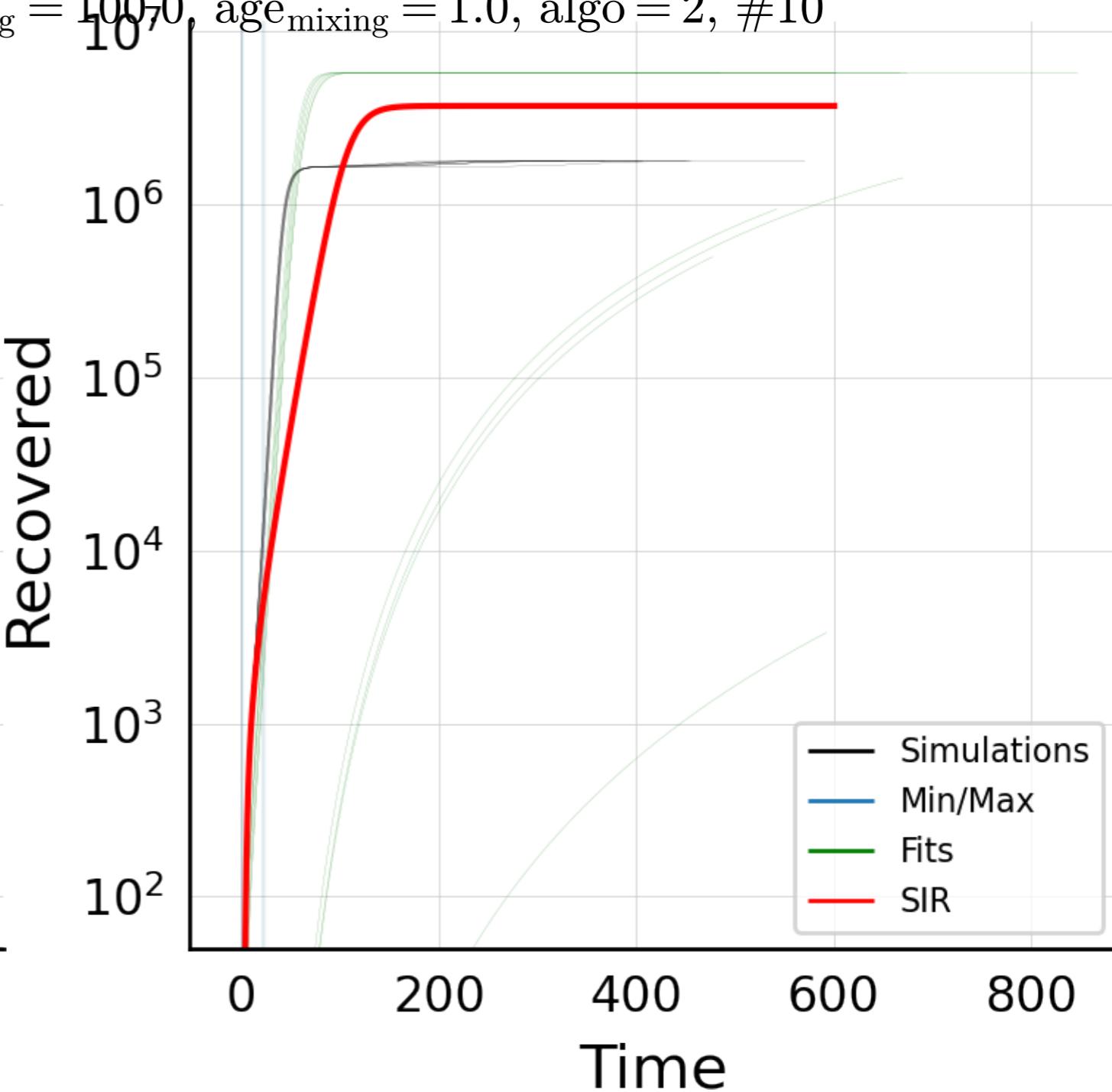
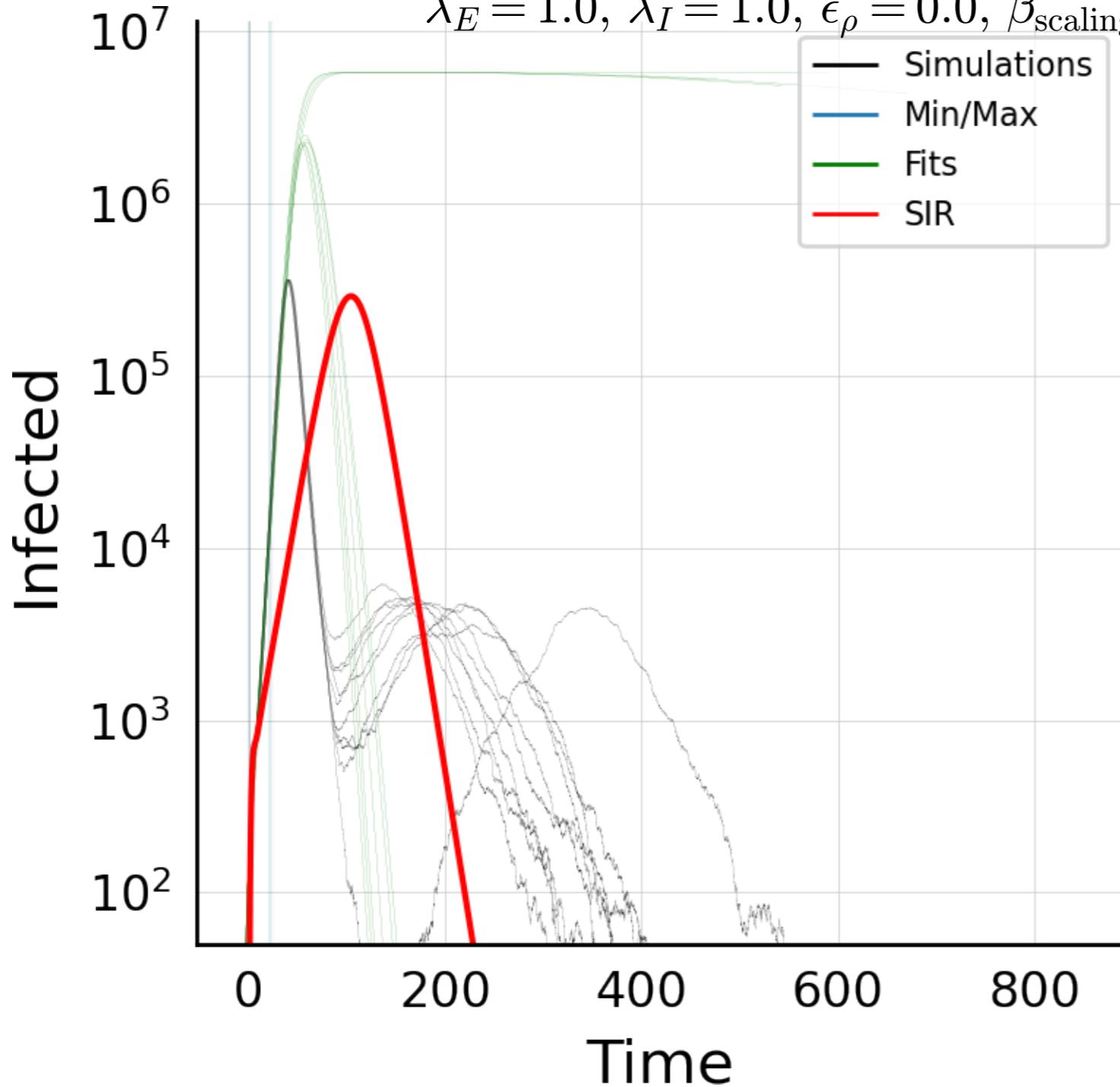


$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 1K$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 100.0$

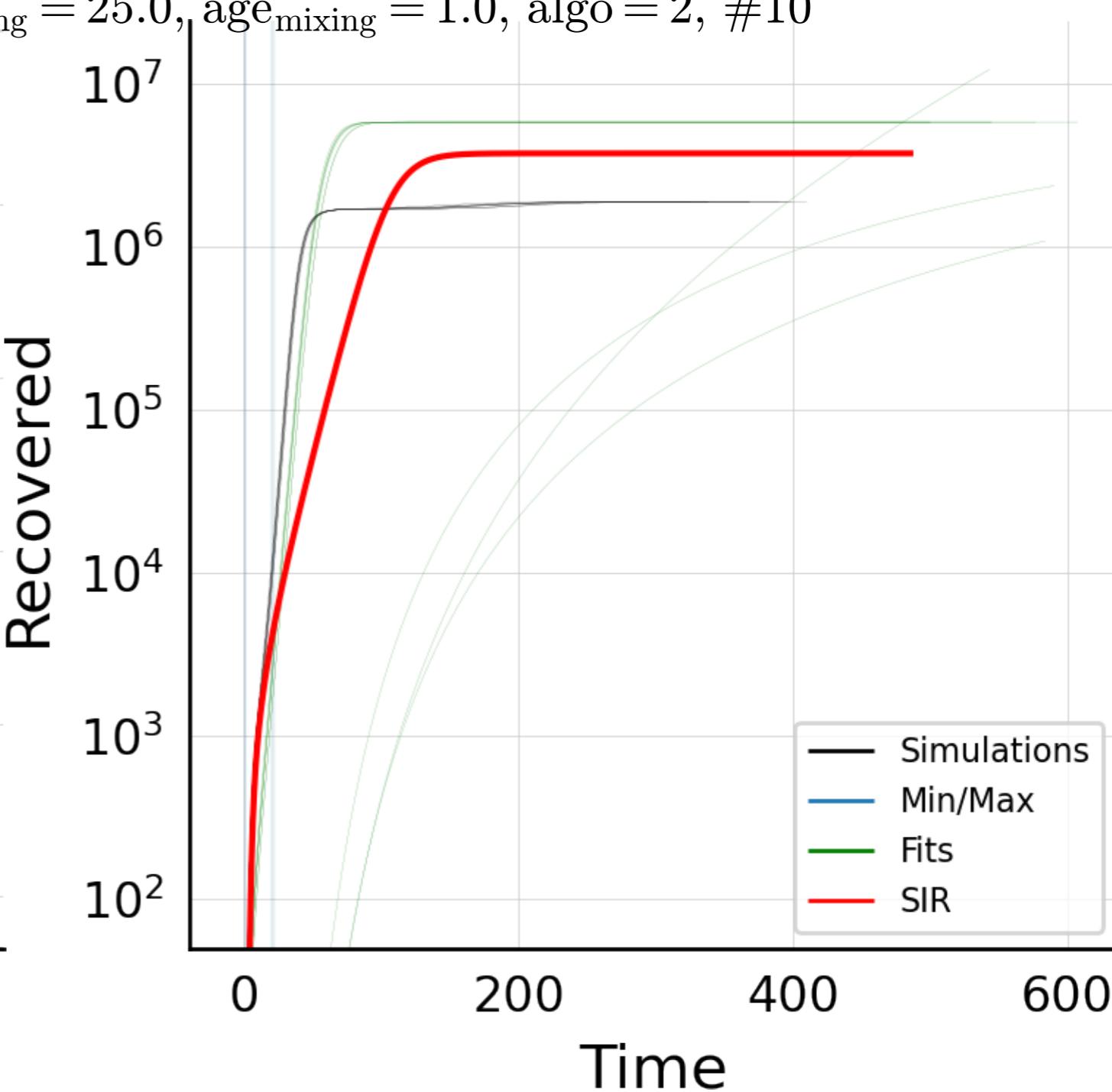
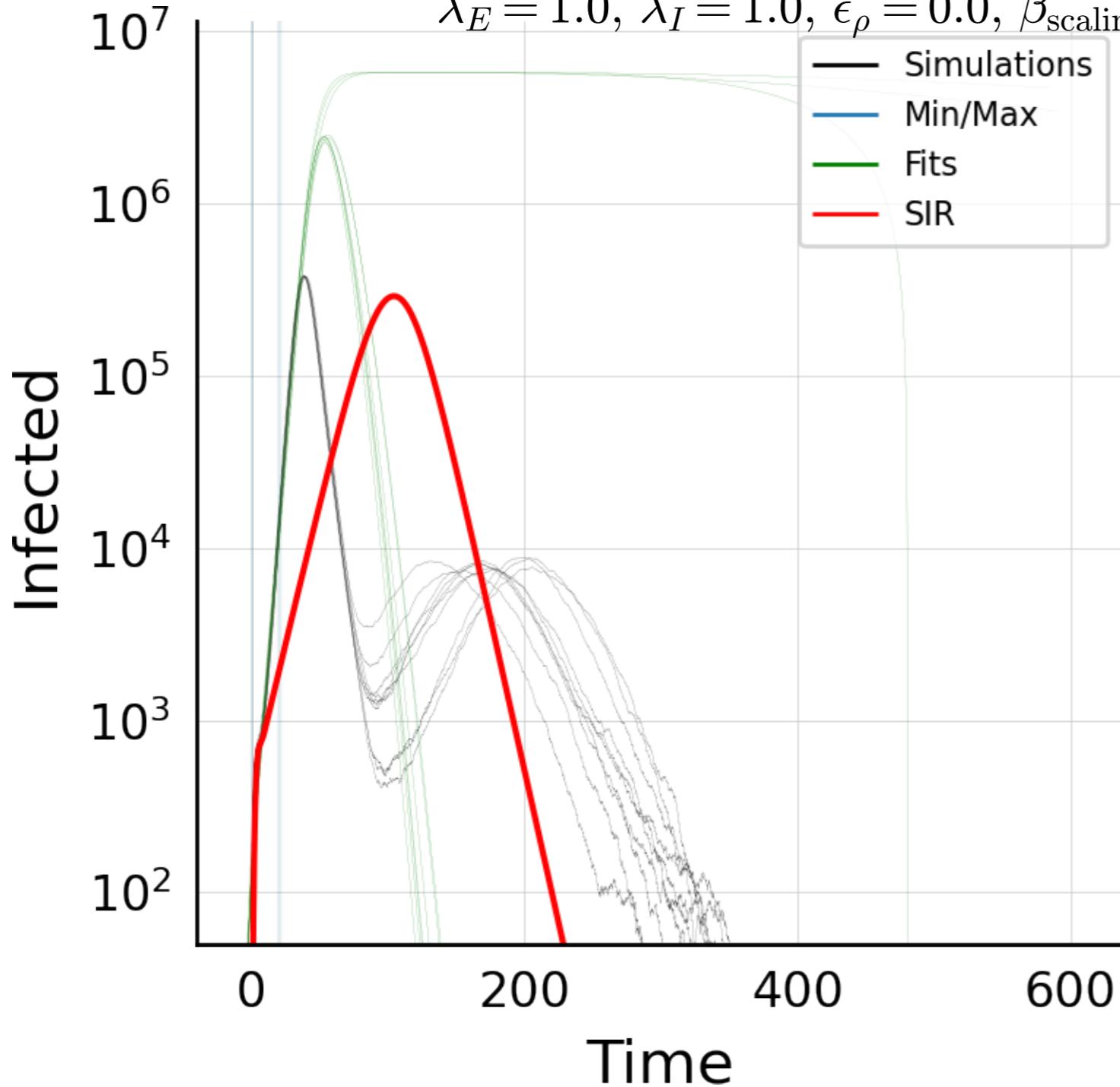
$\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



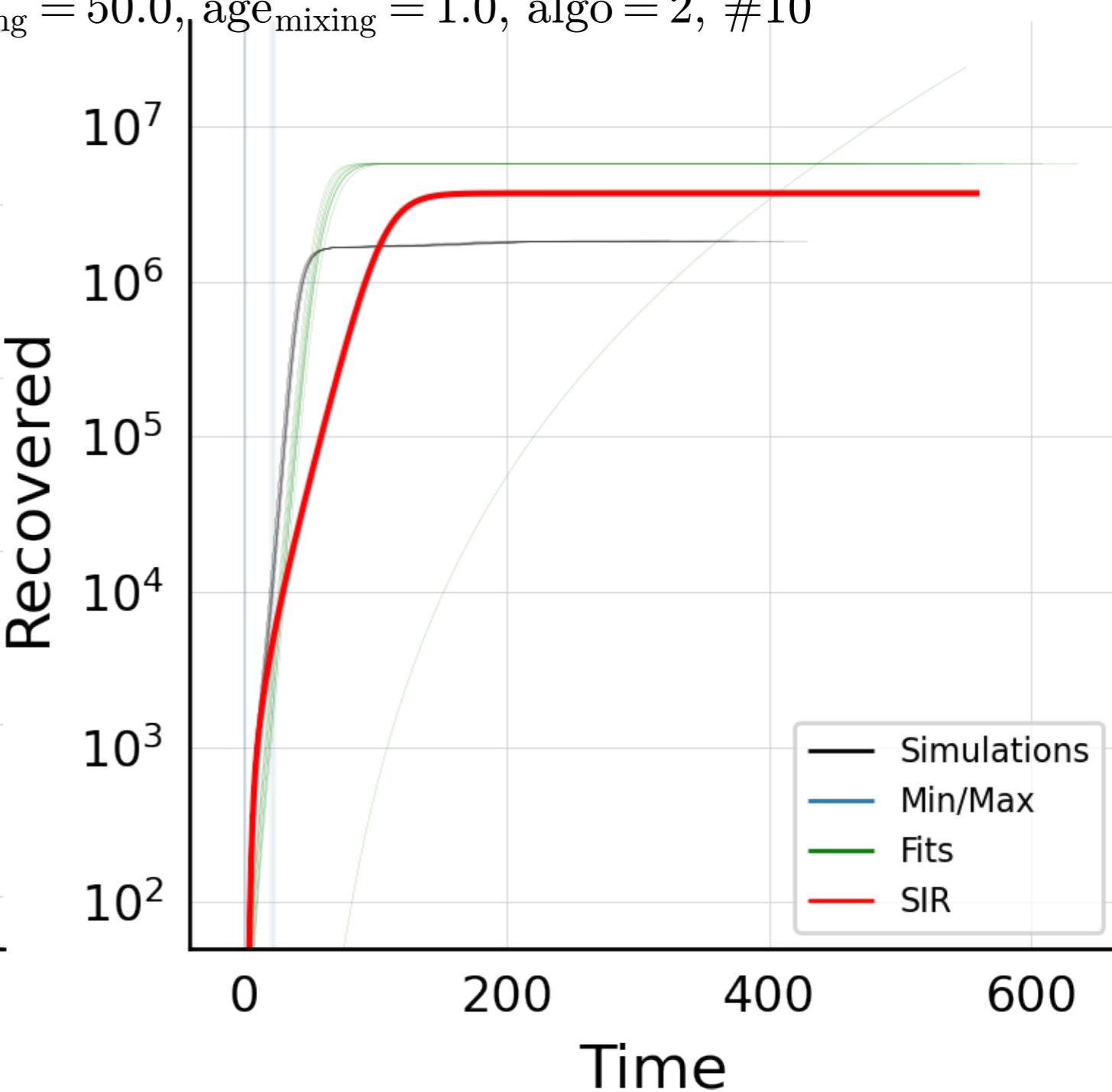
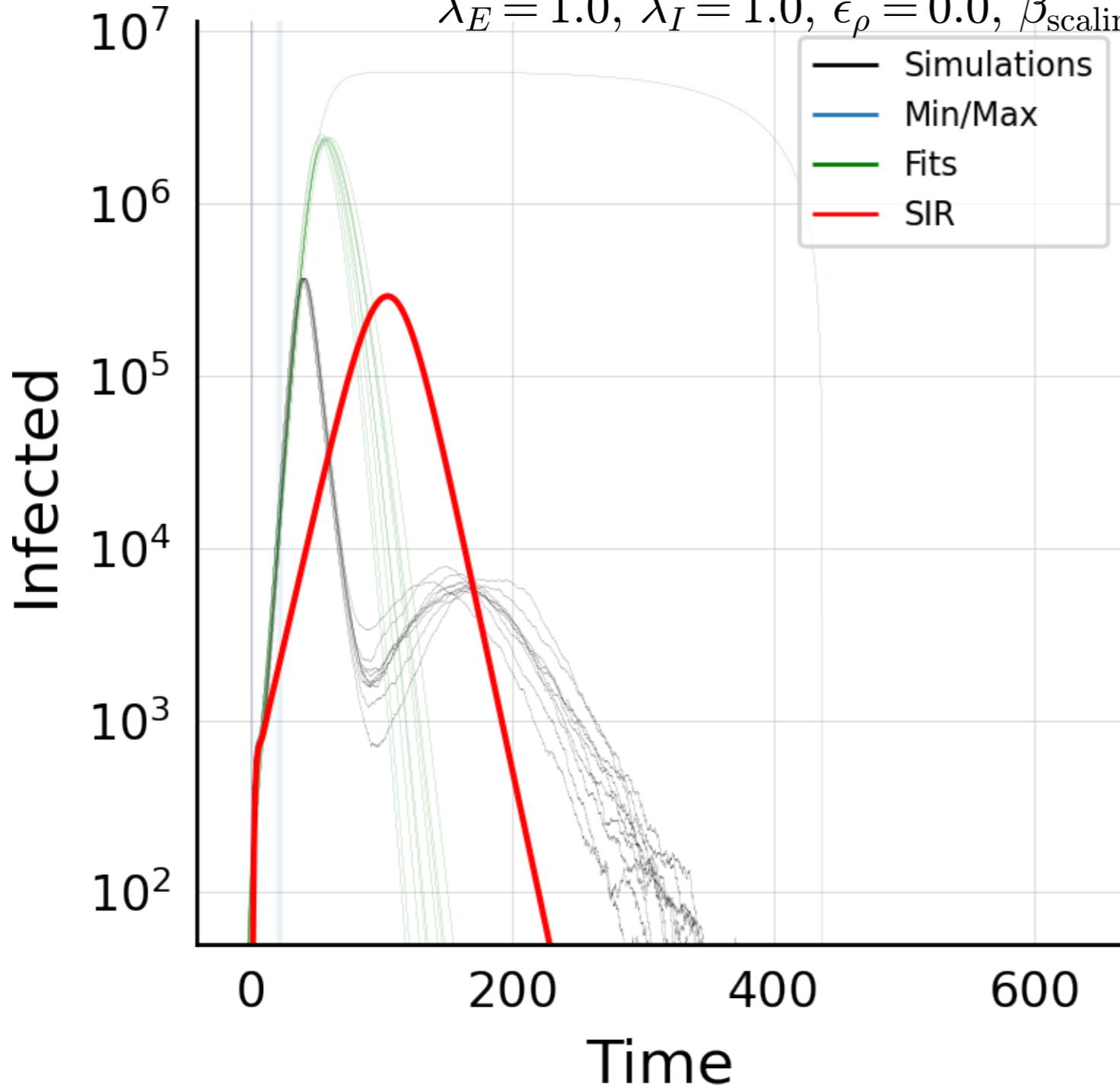
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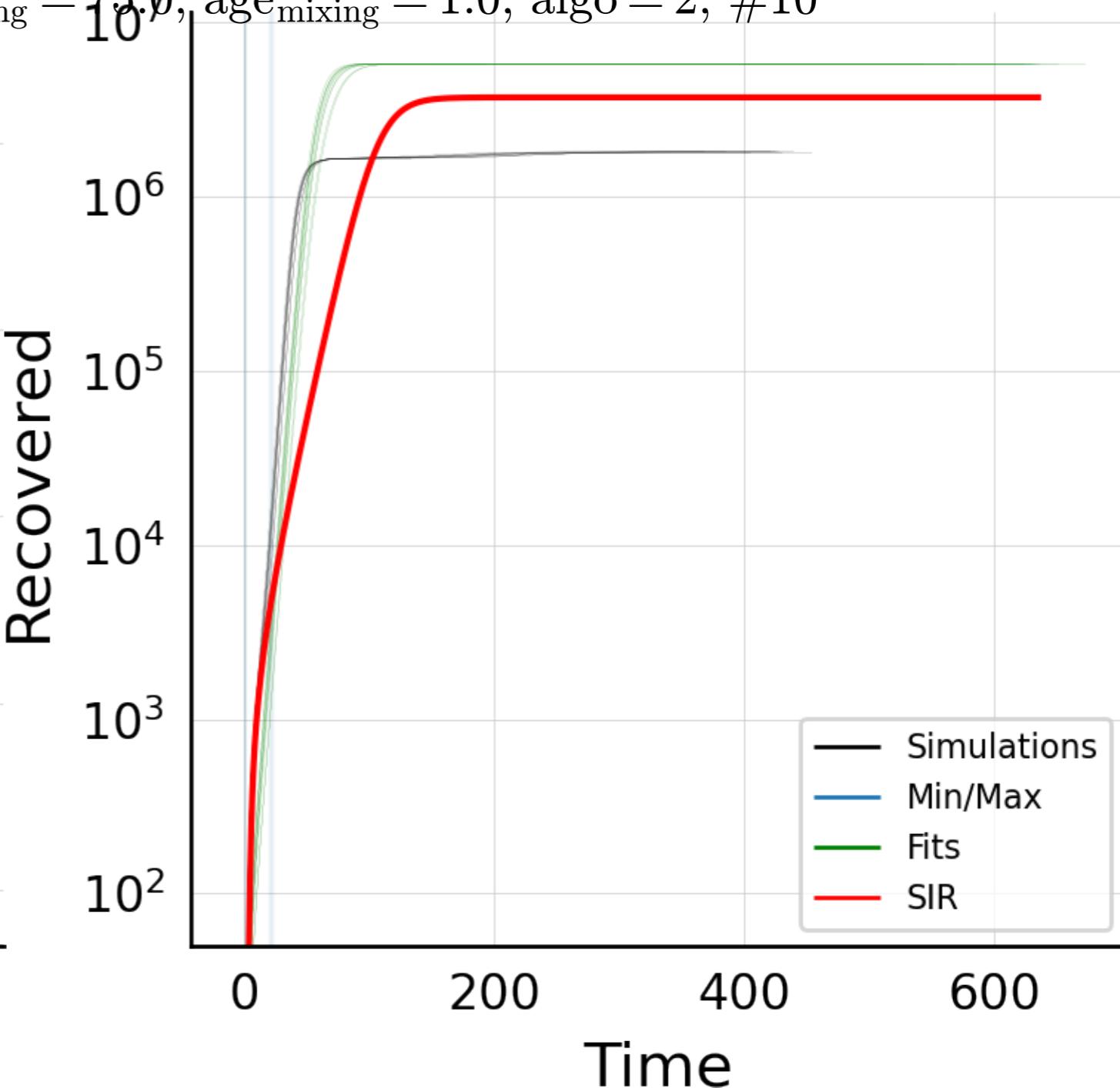
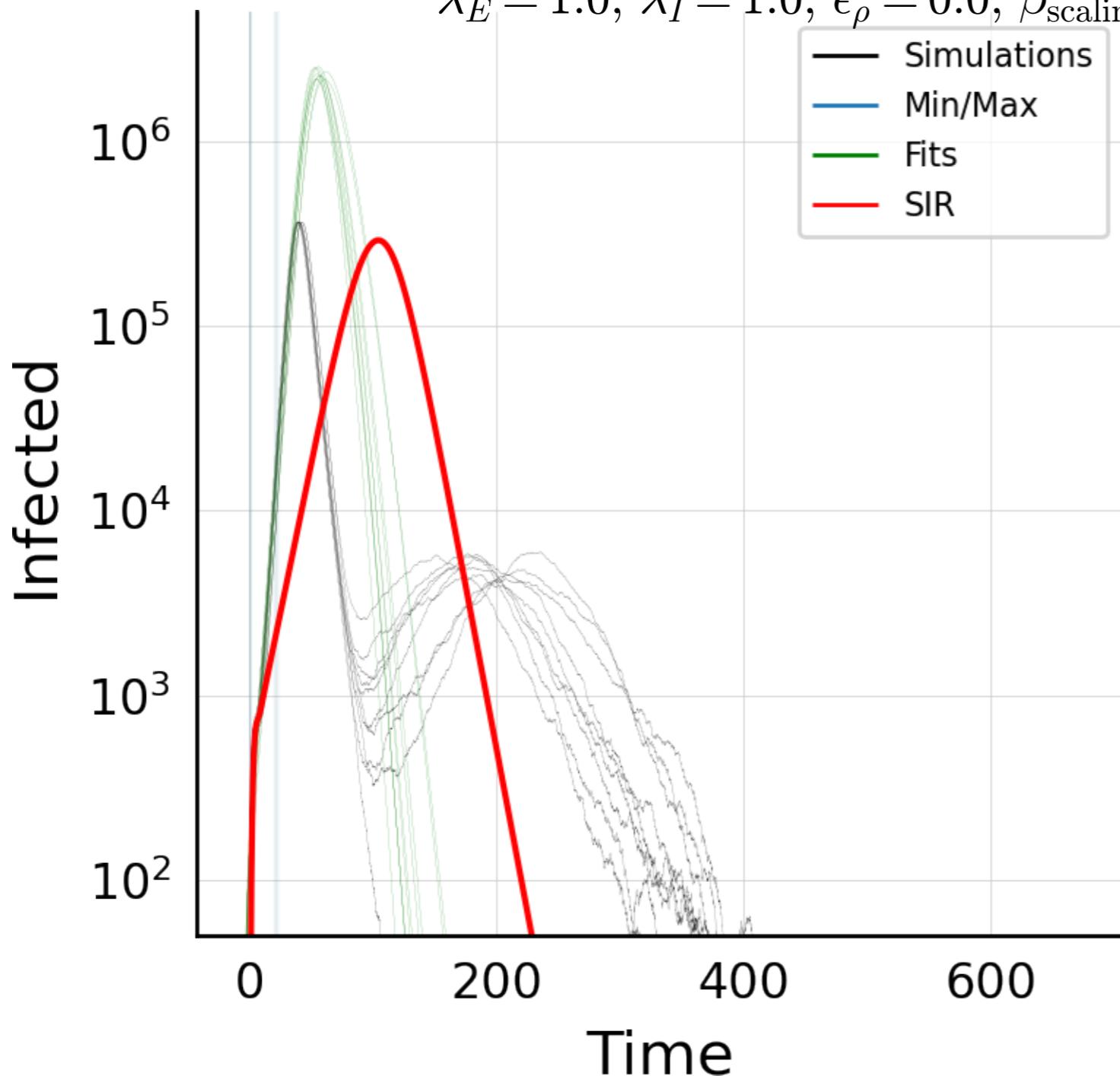
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 25.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



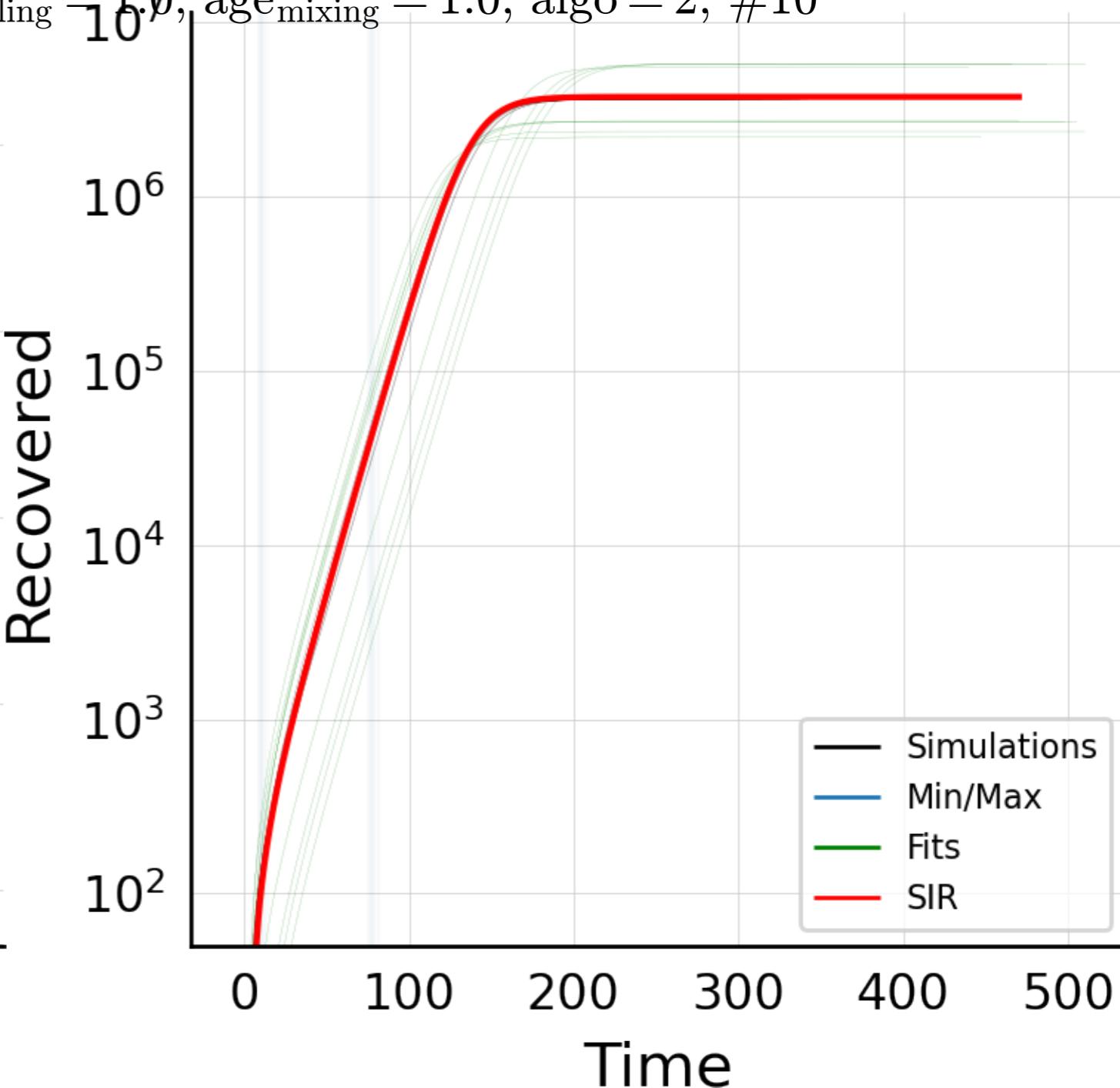
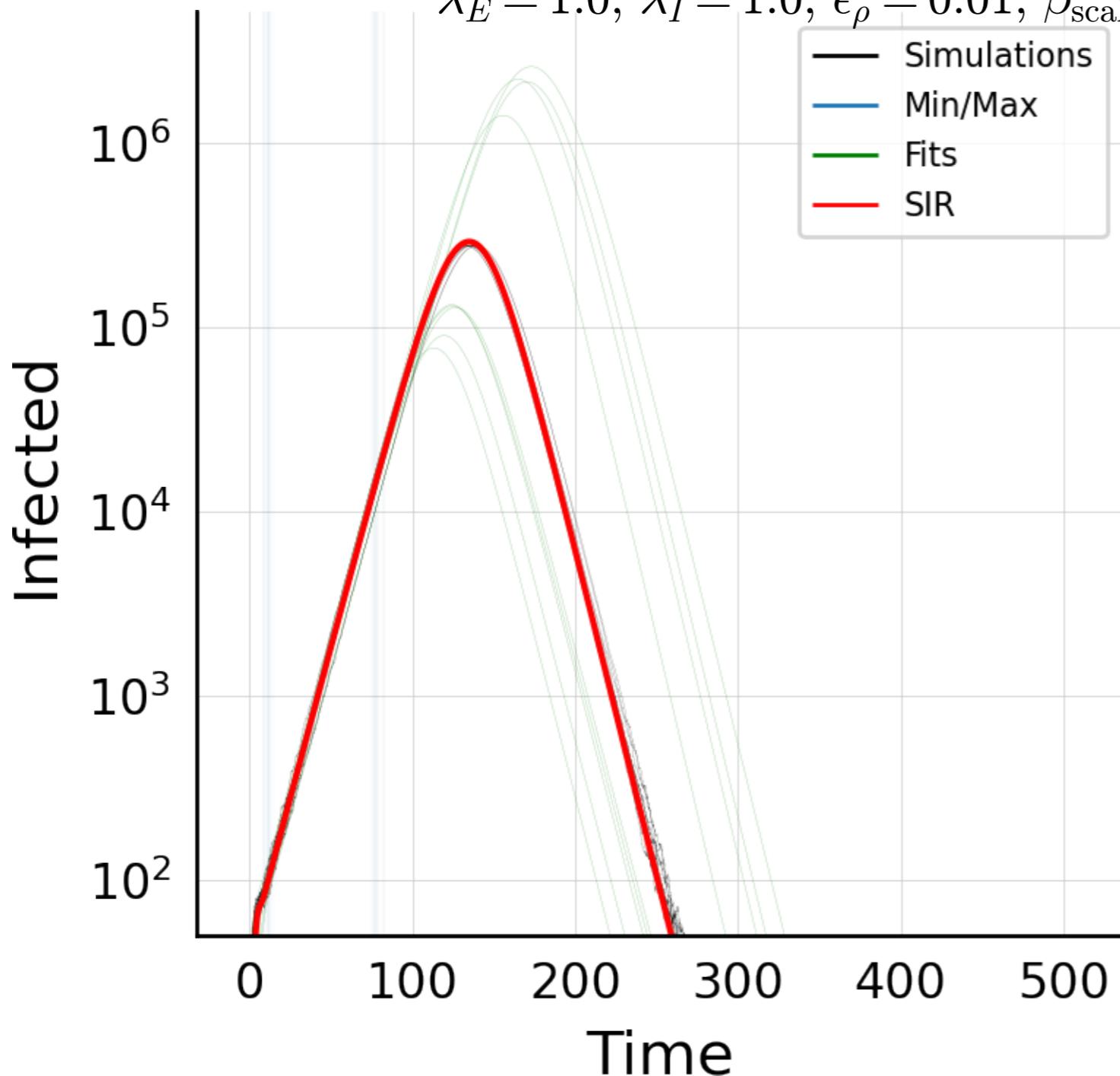
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 50.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



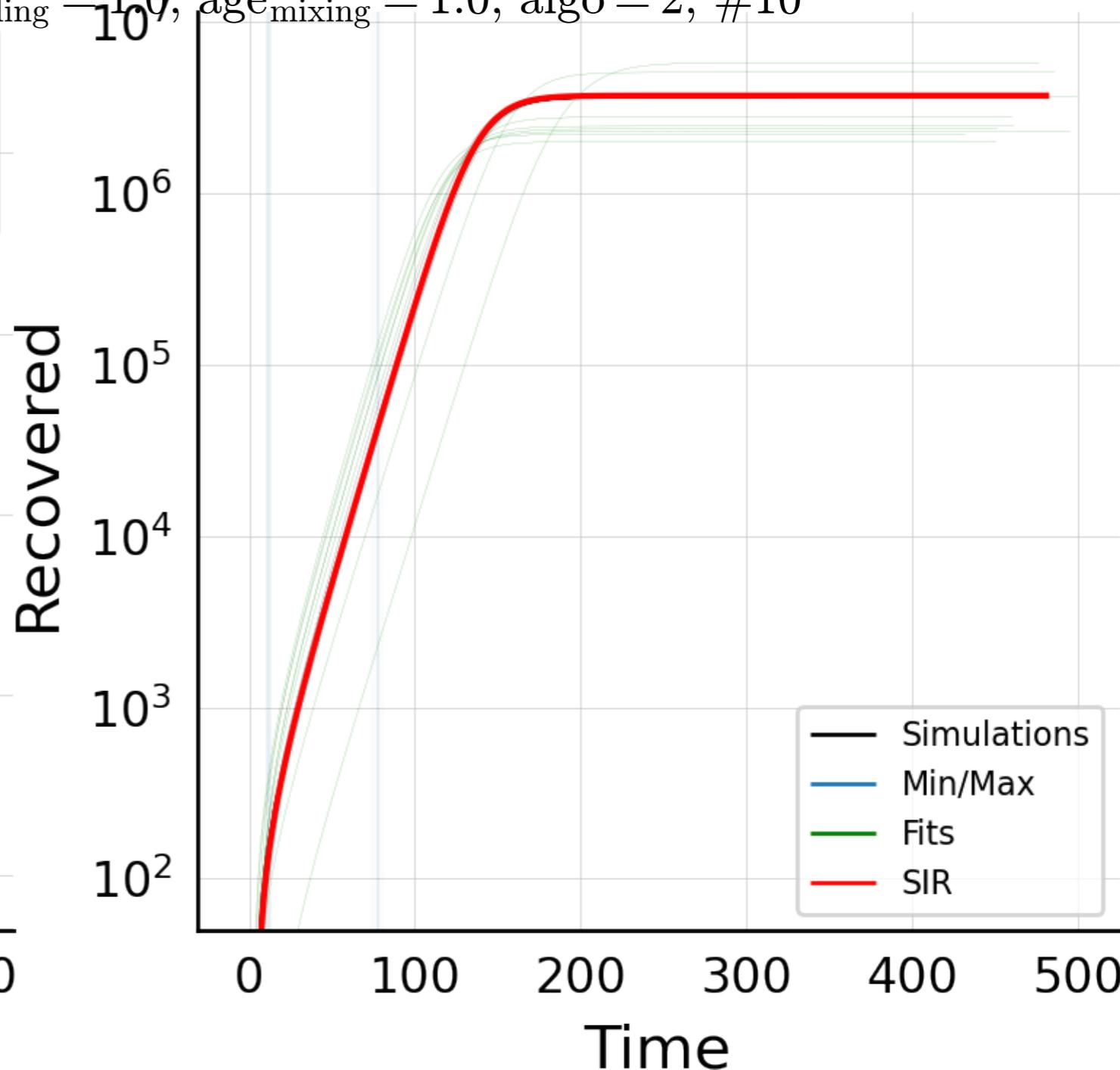
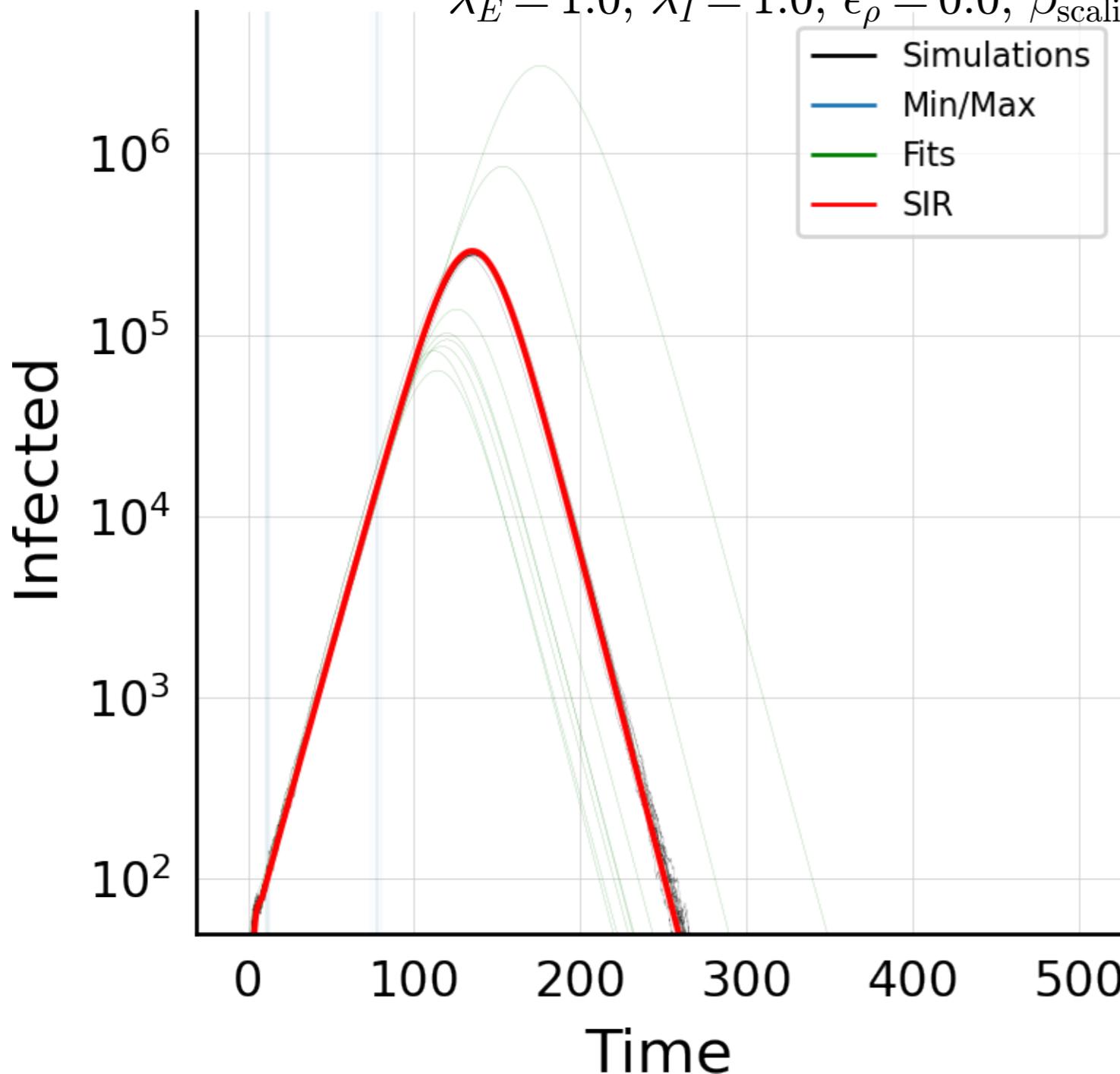
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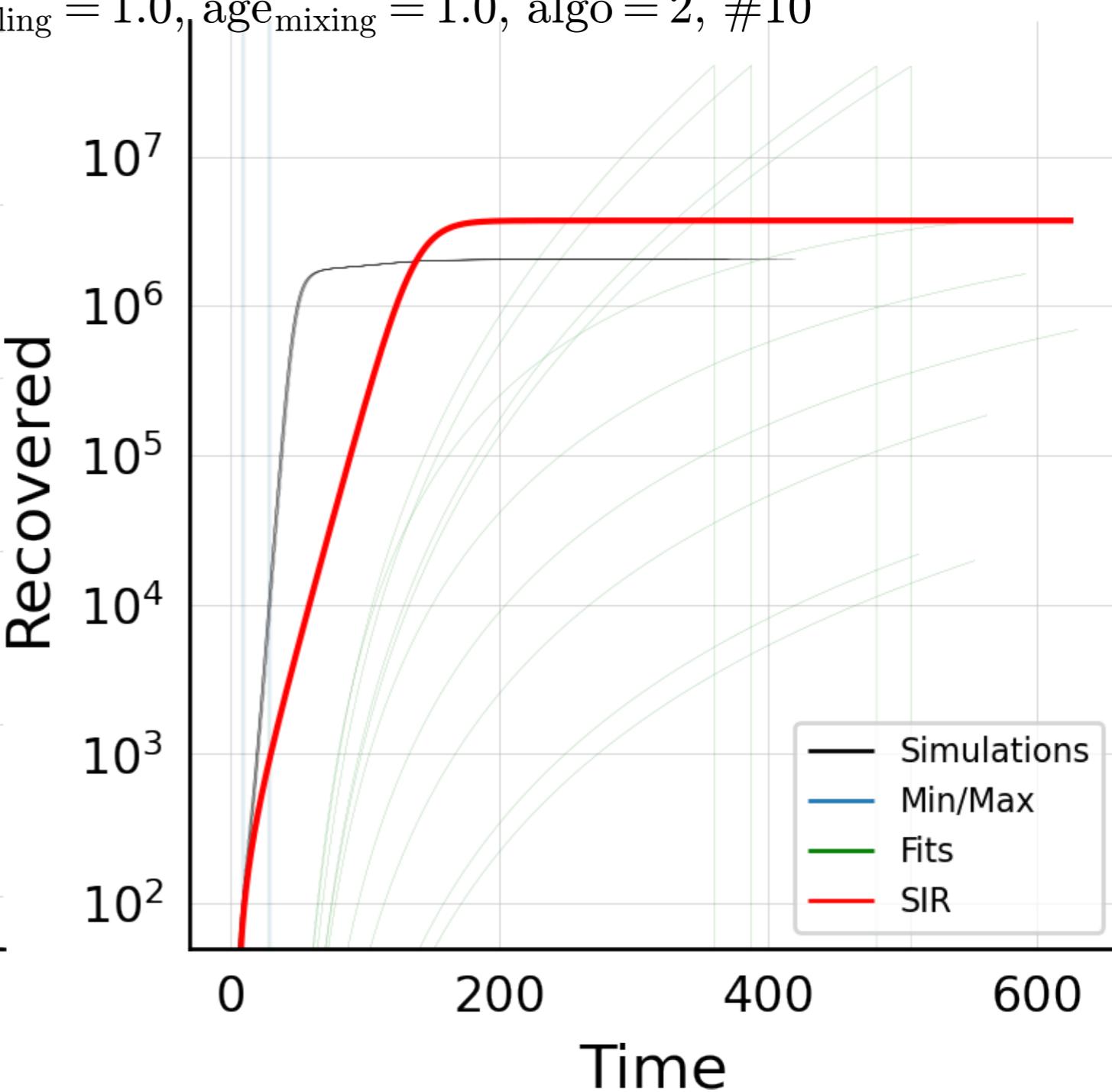
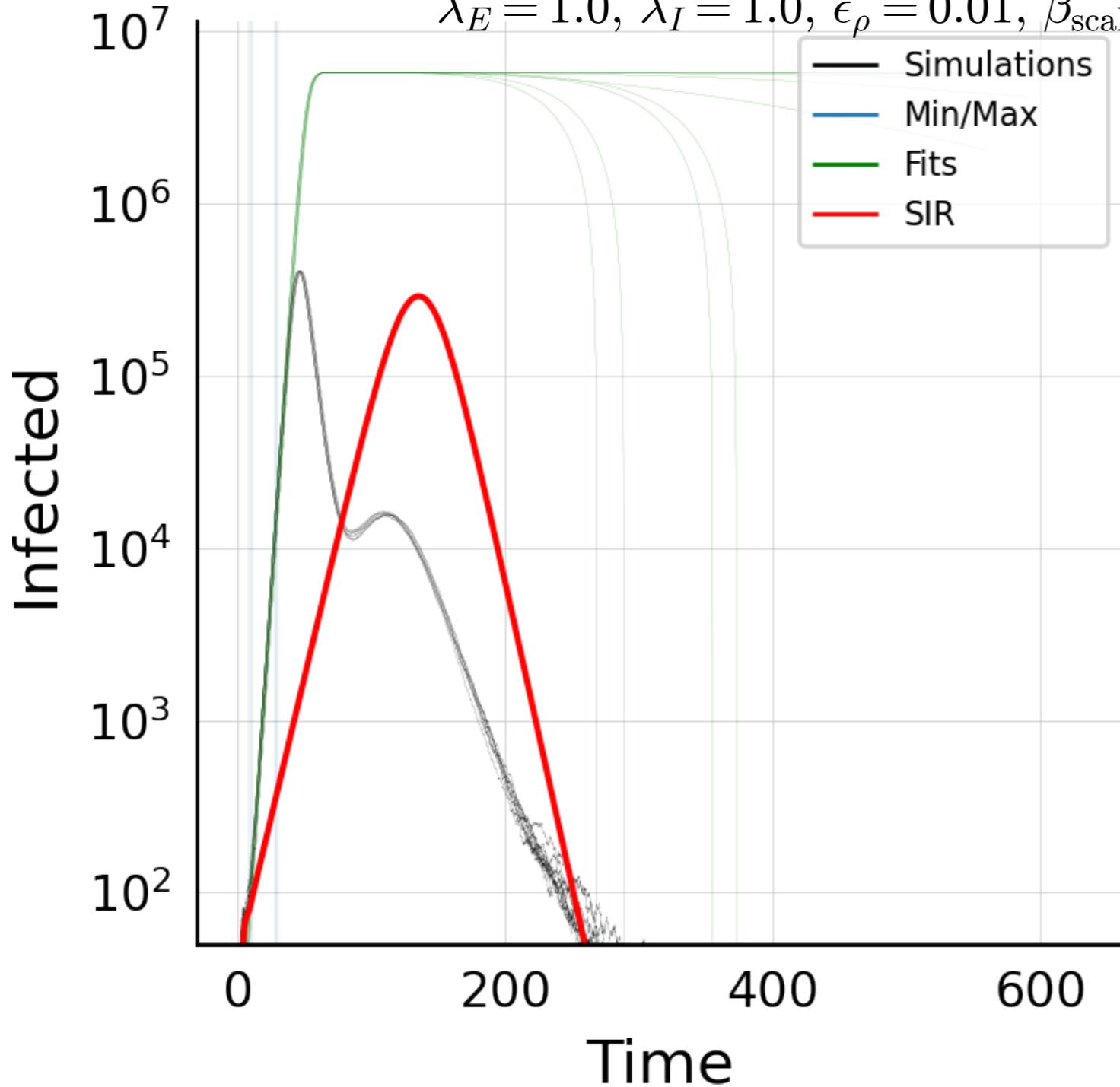
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



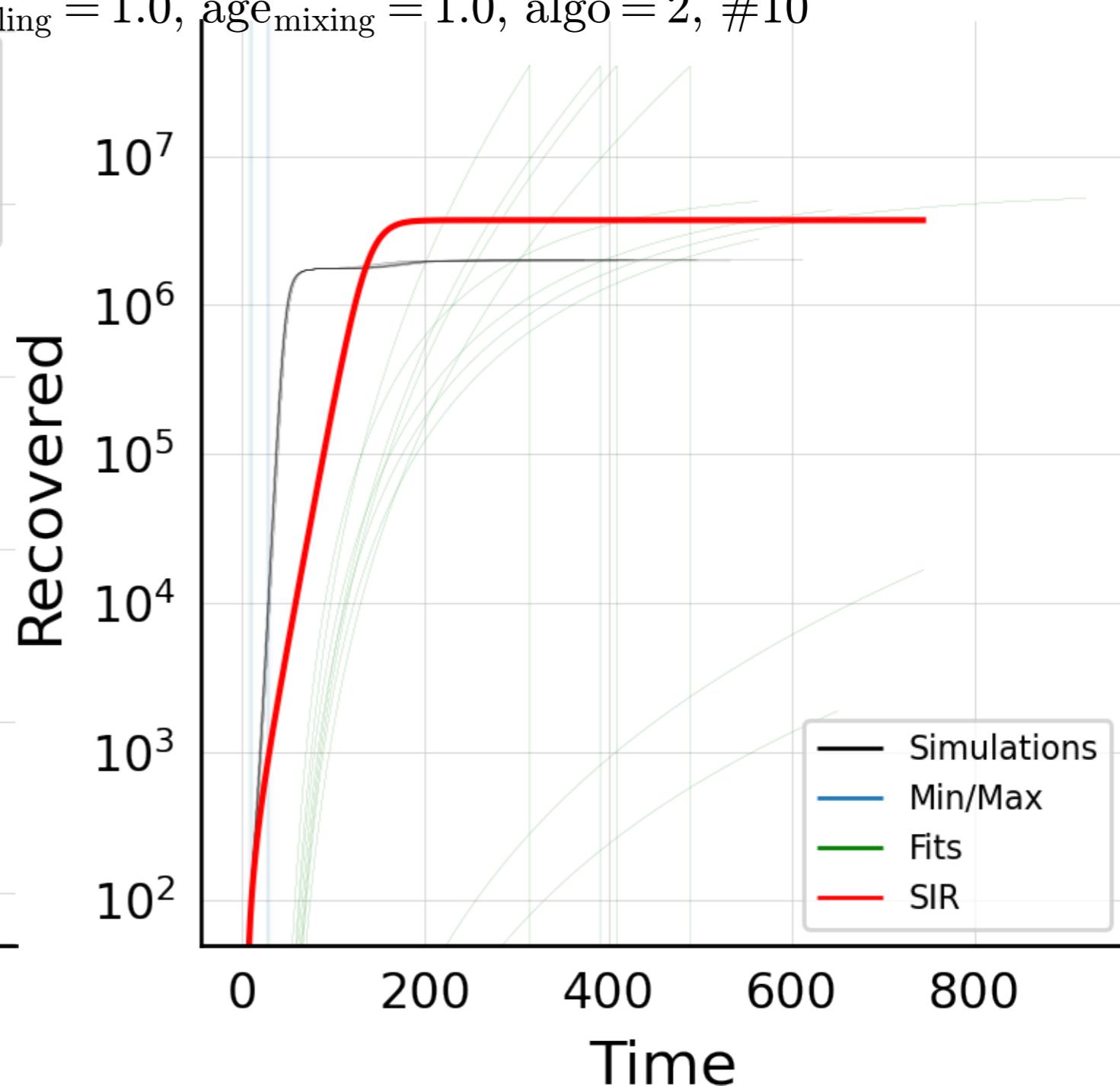
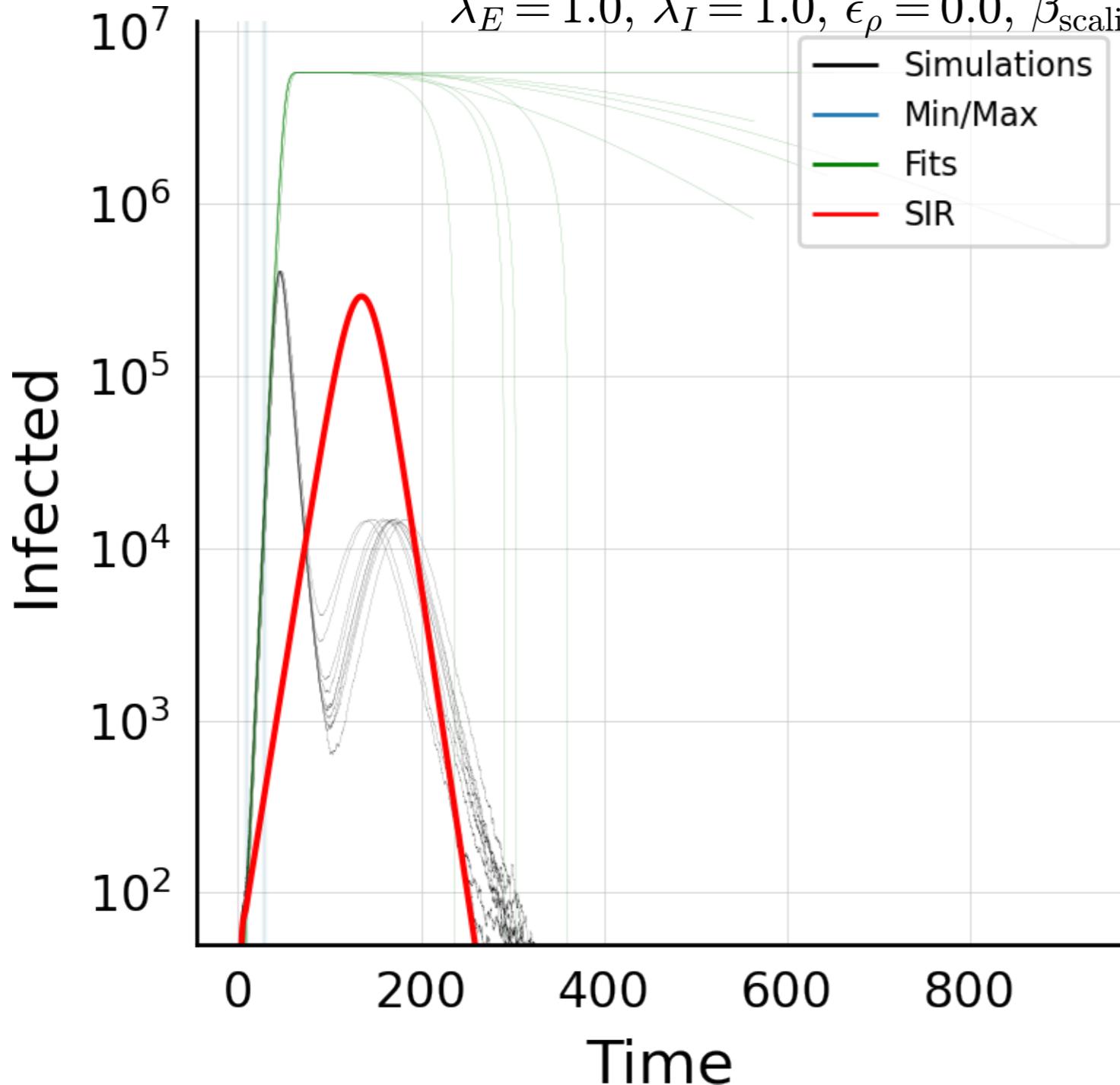
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



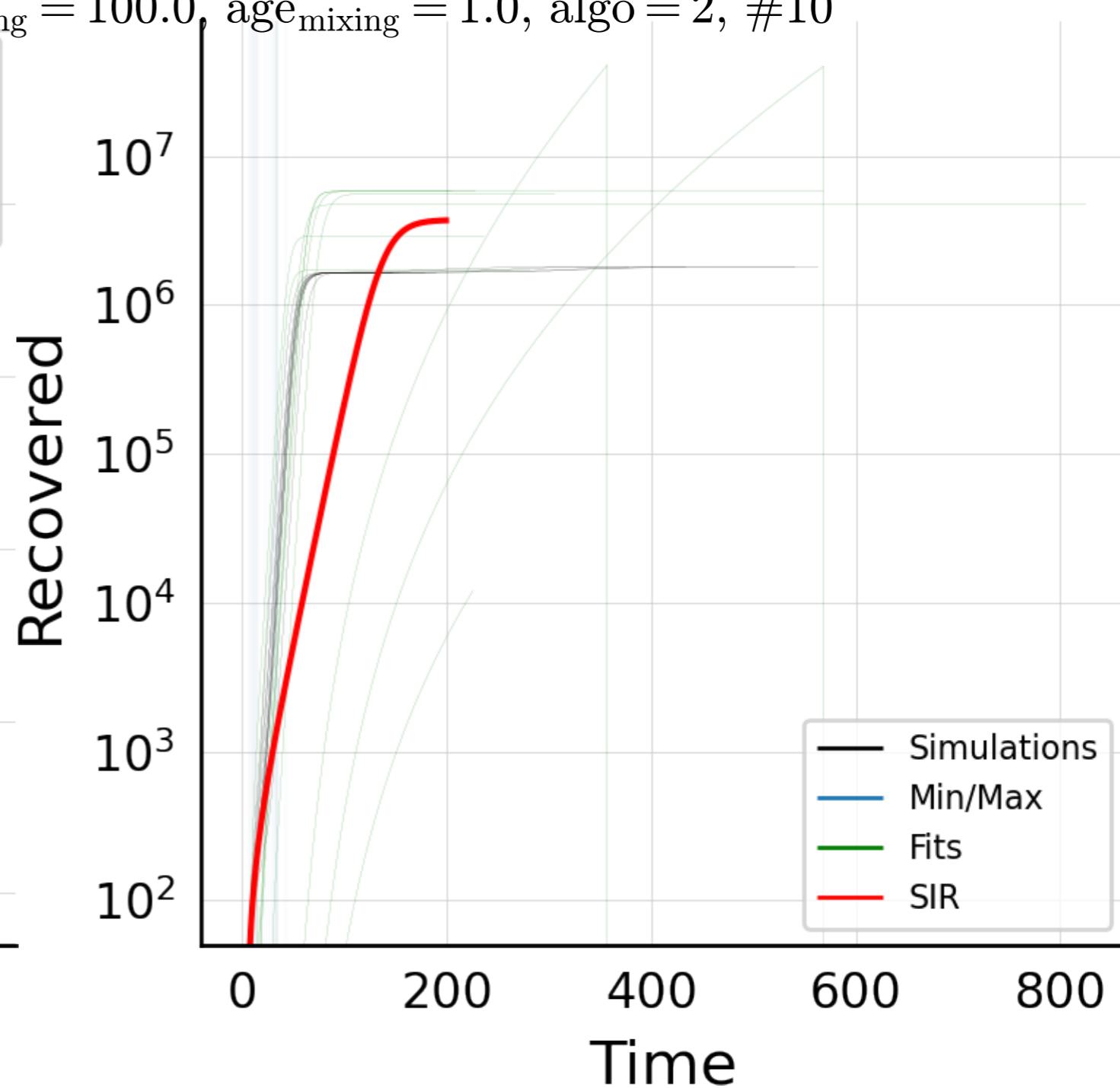
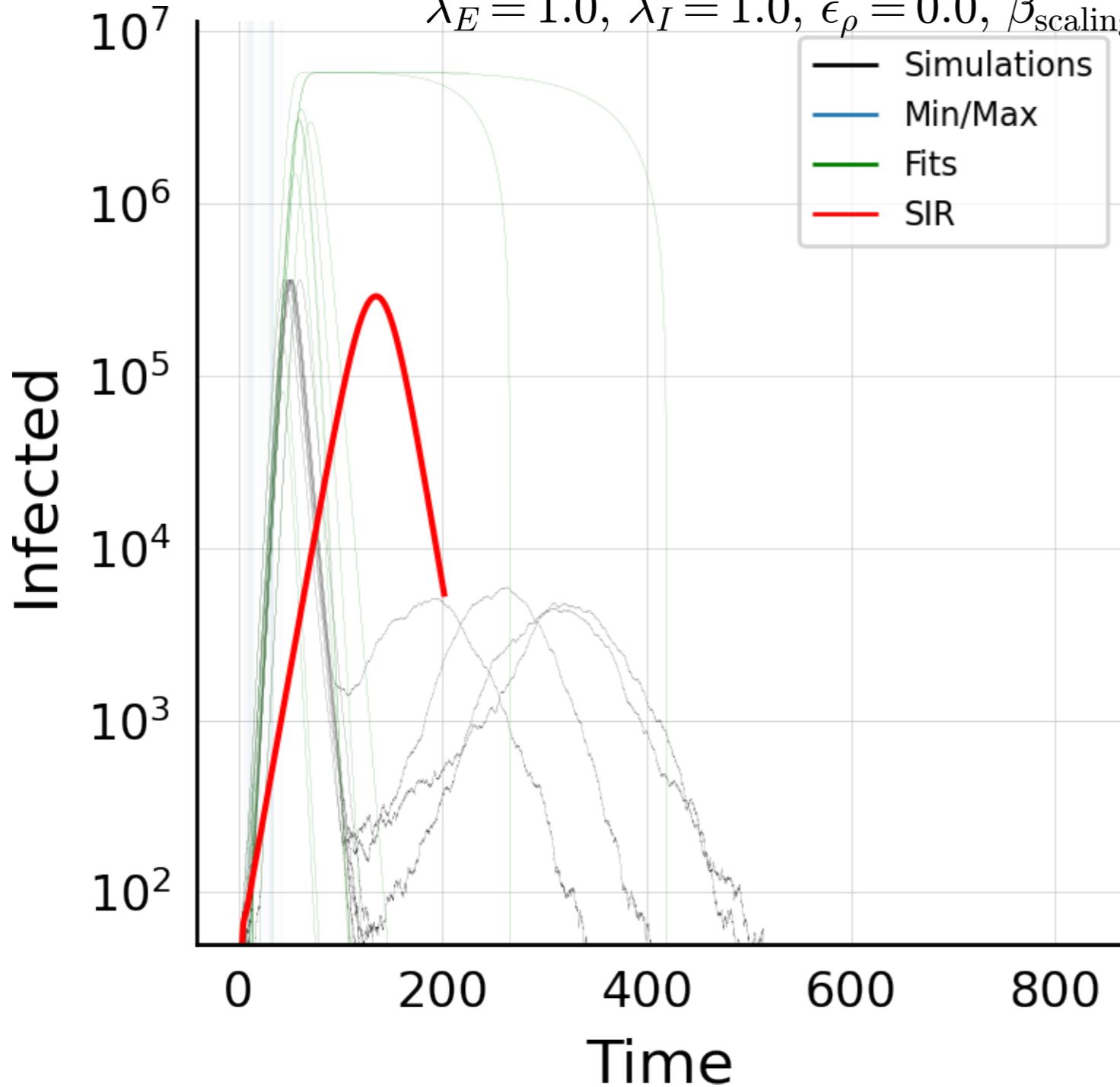
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



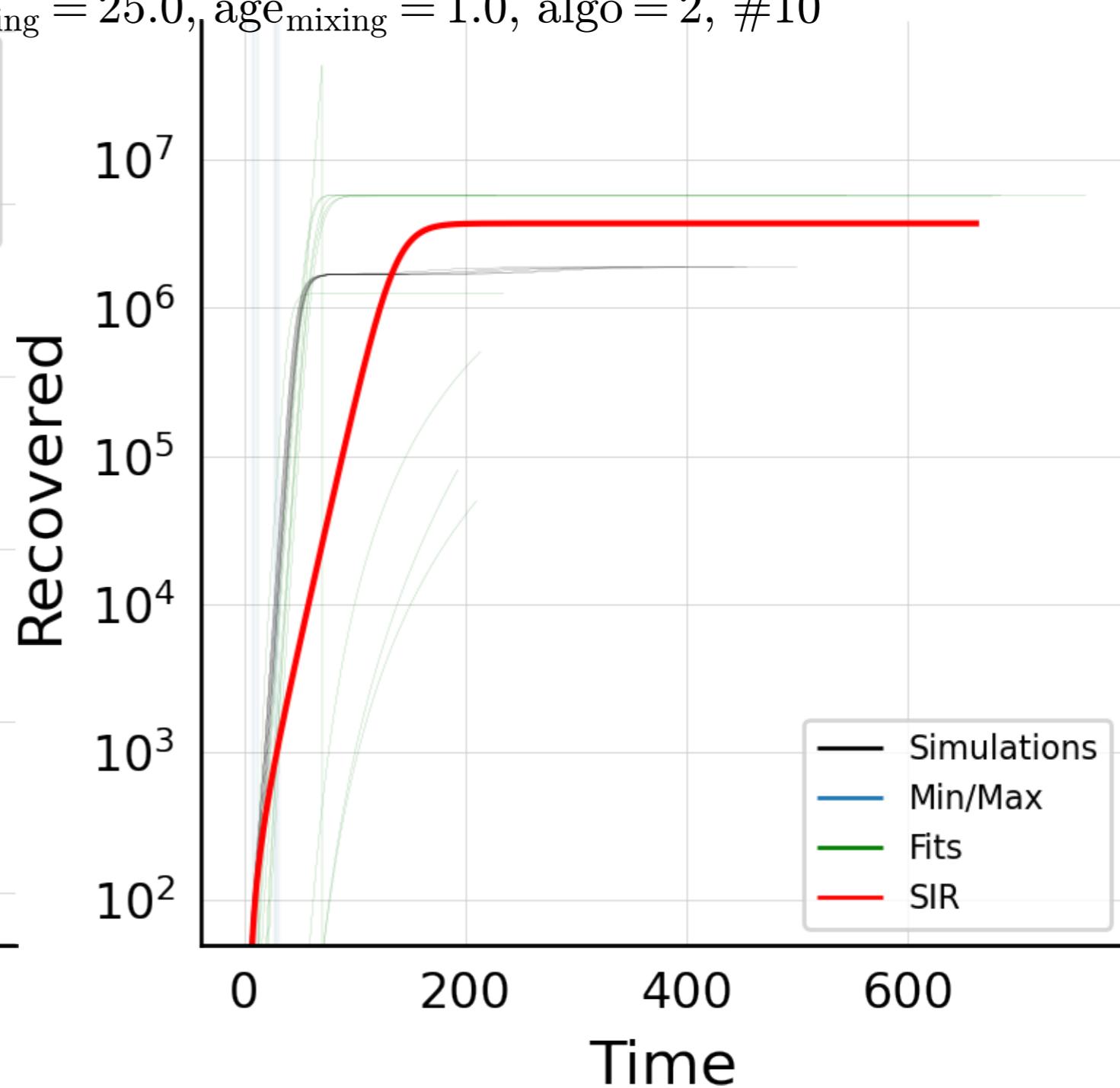
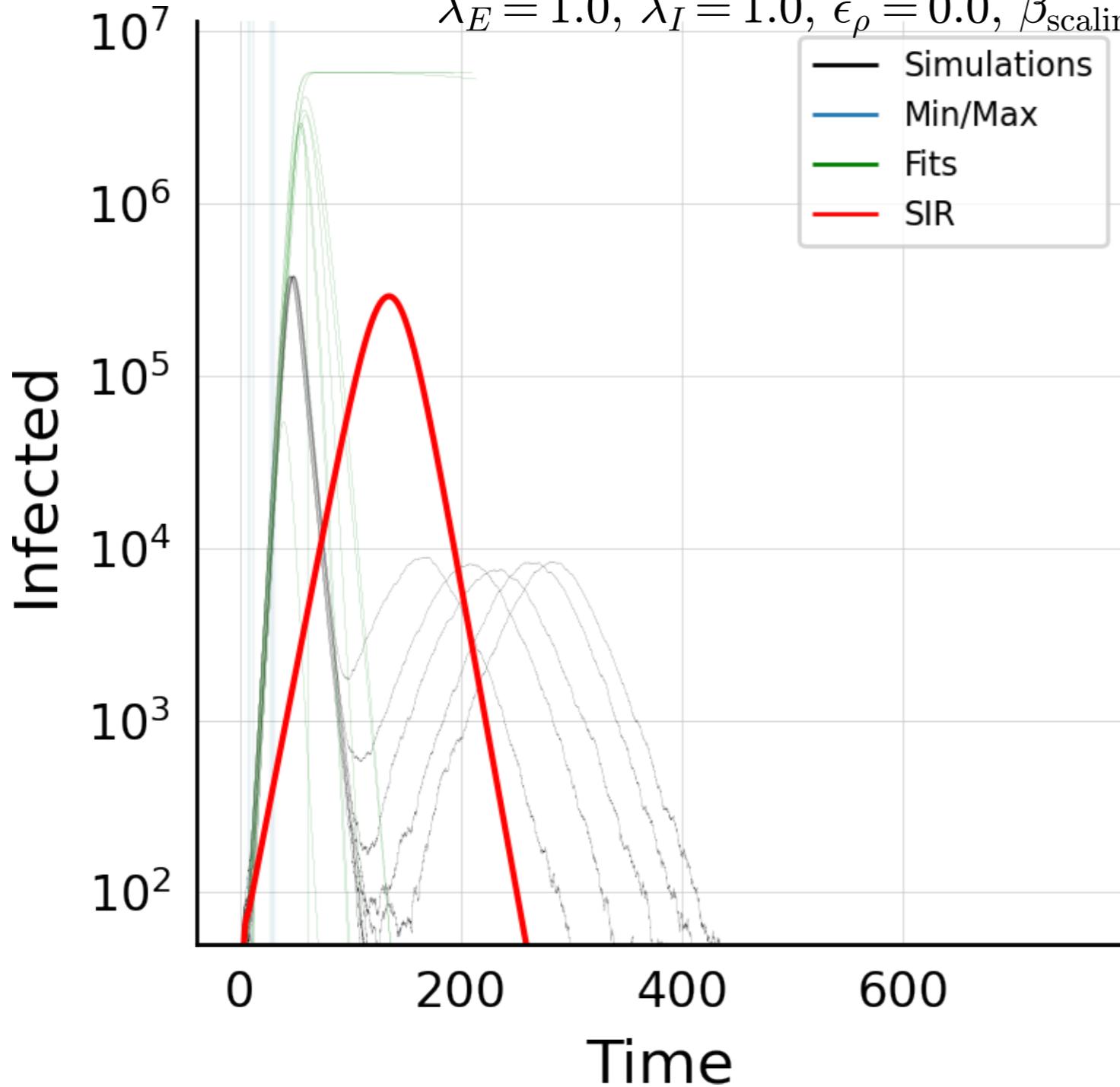
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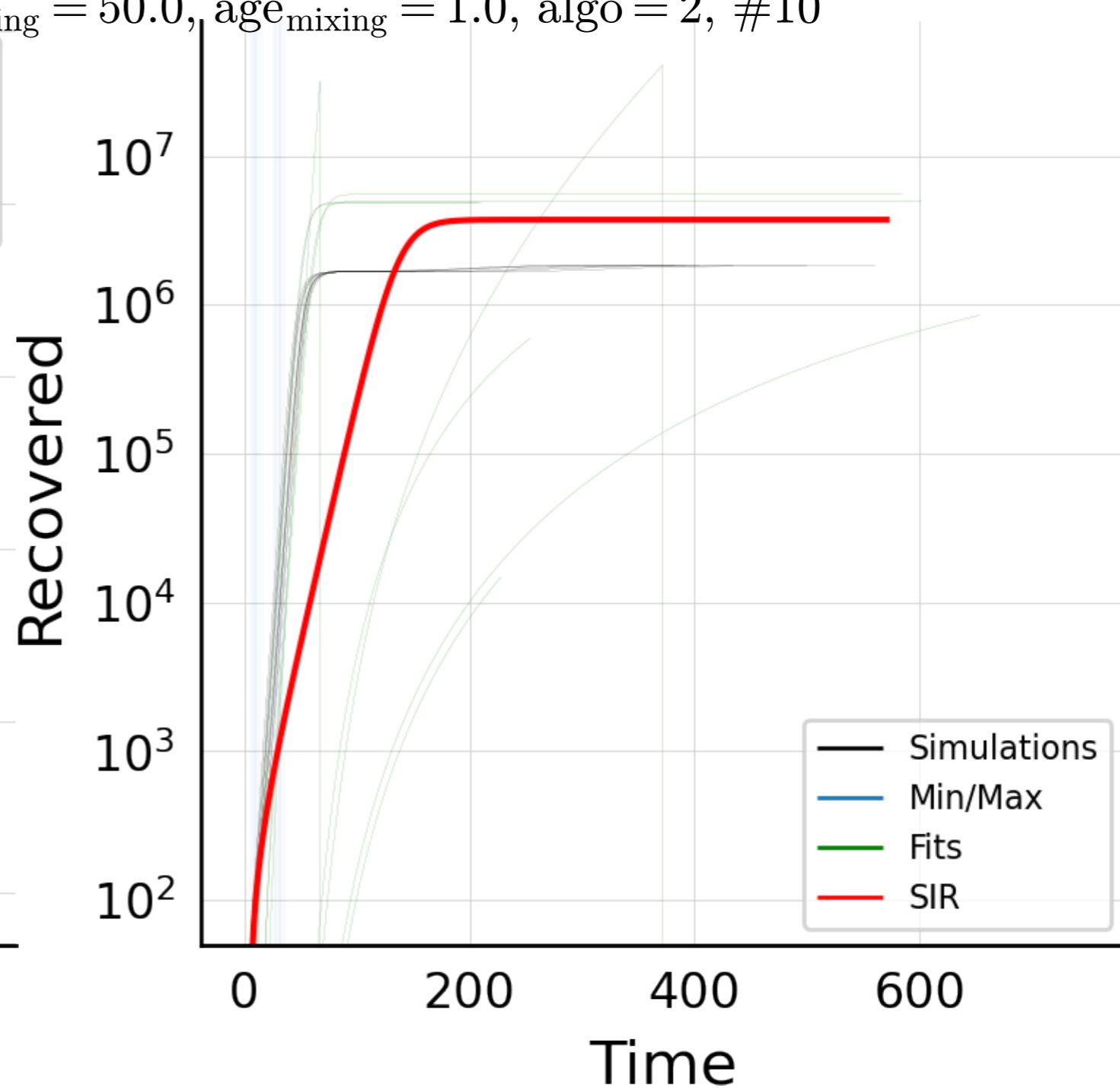
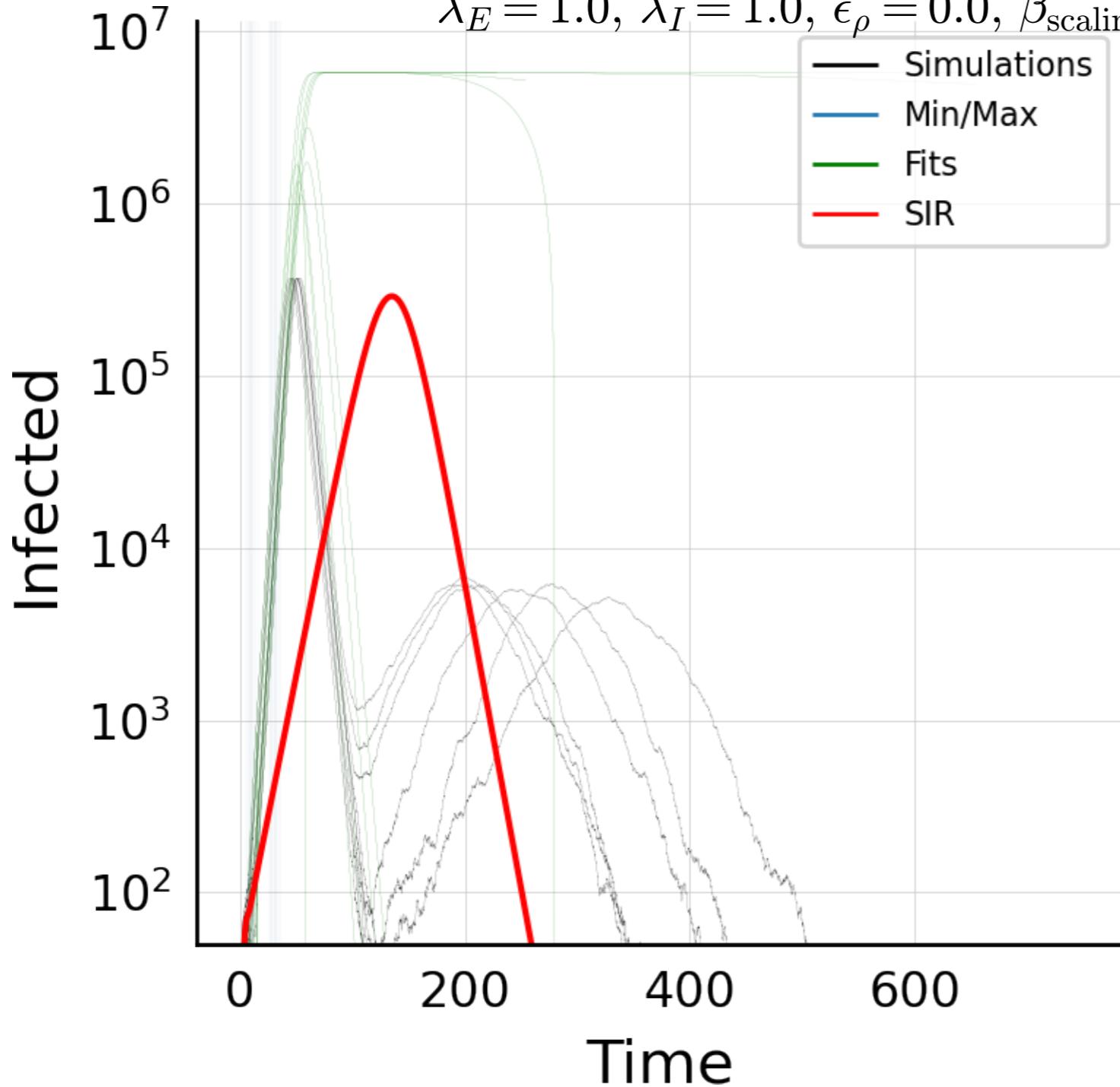
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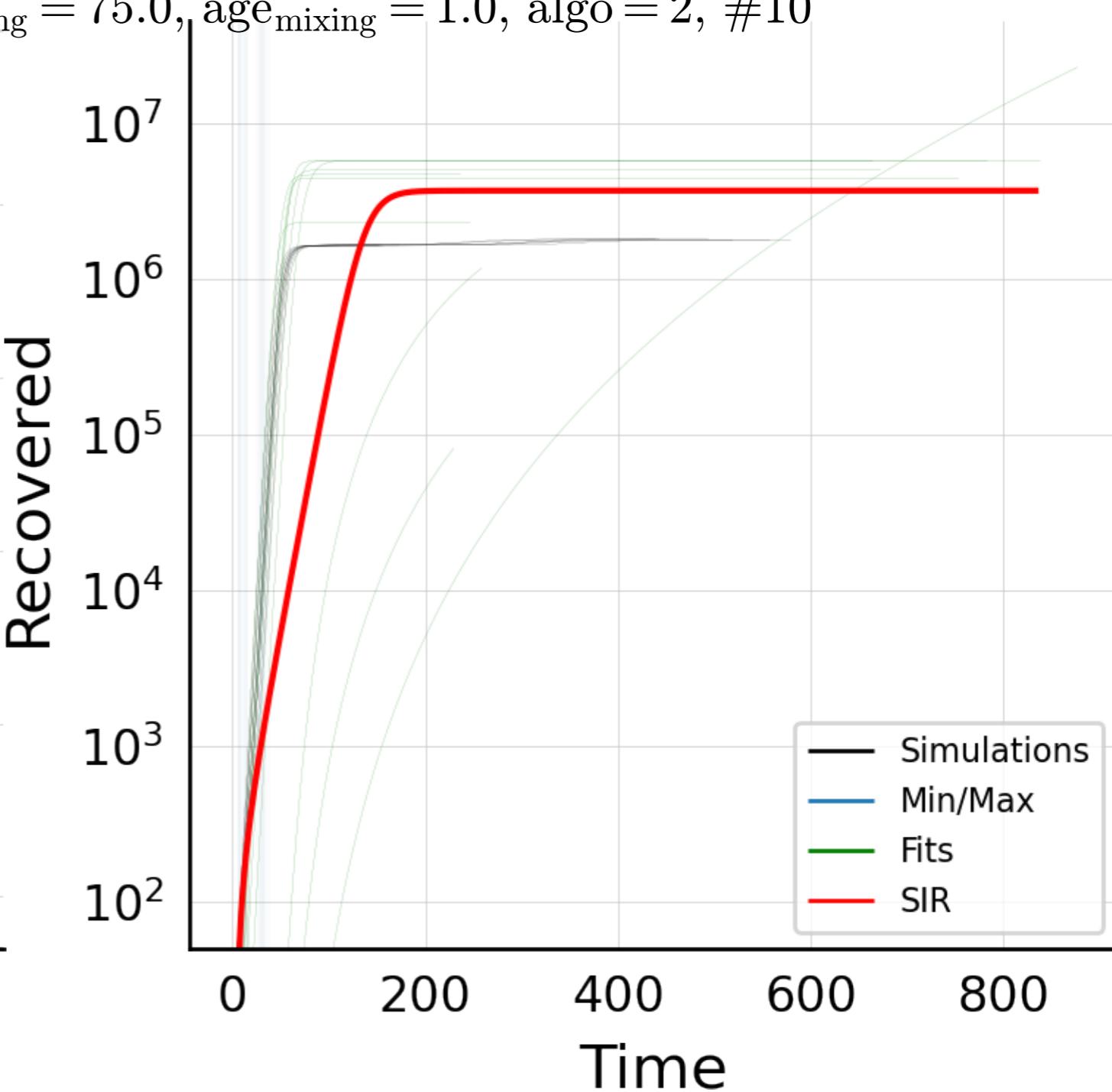
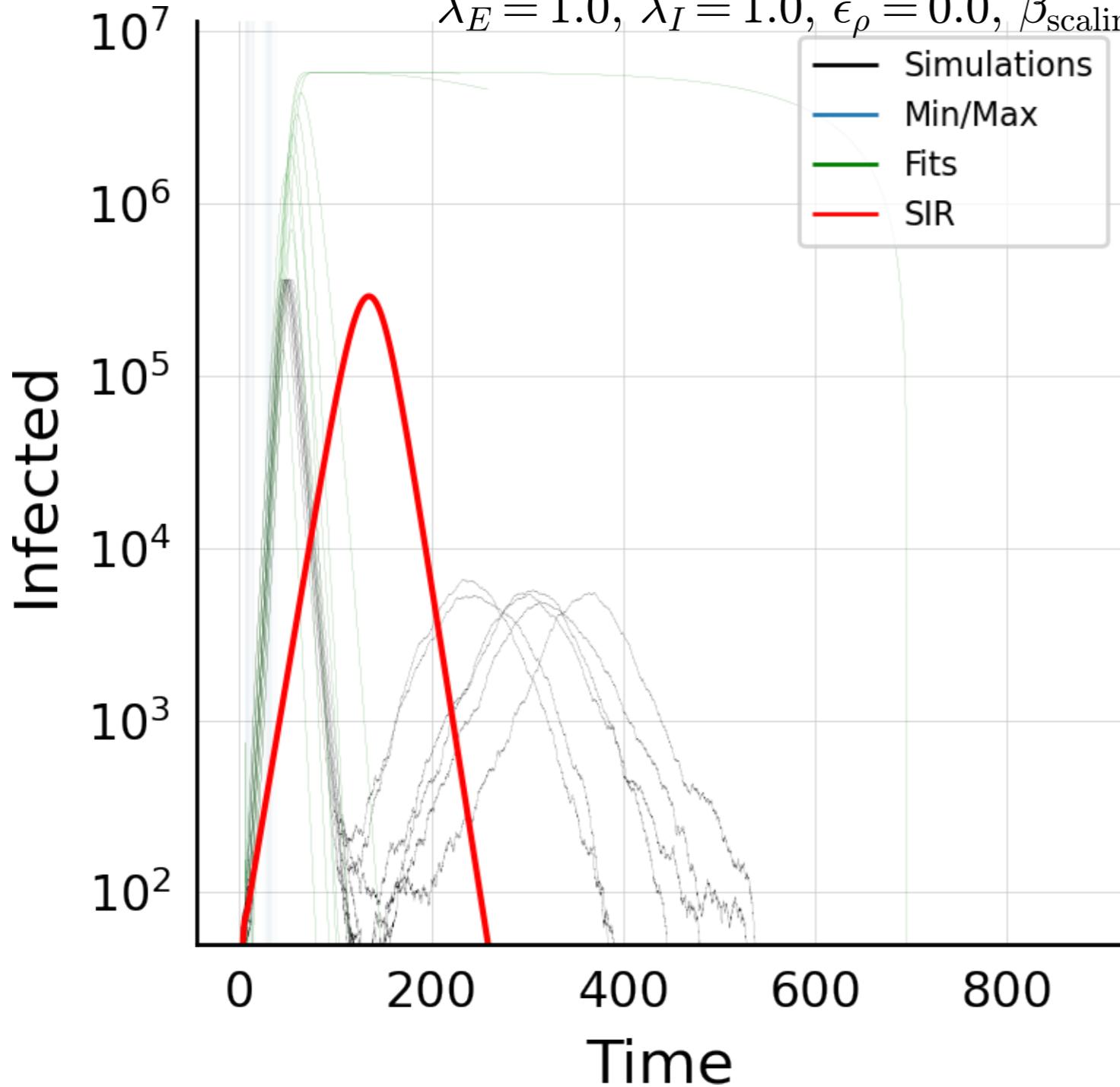
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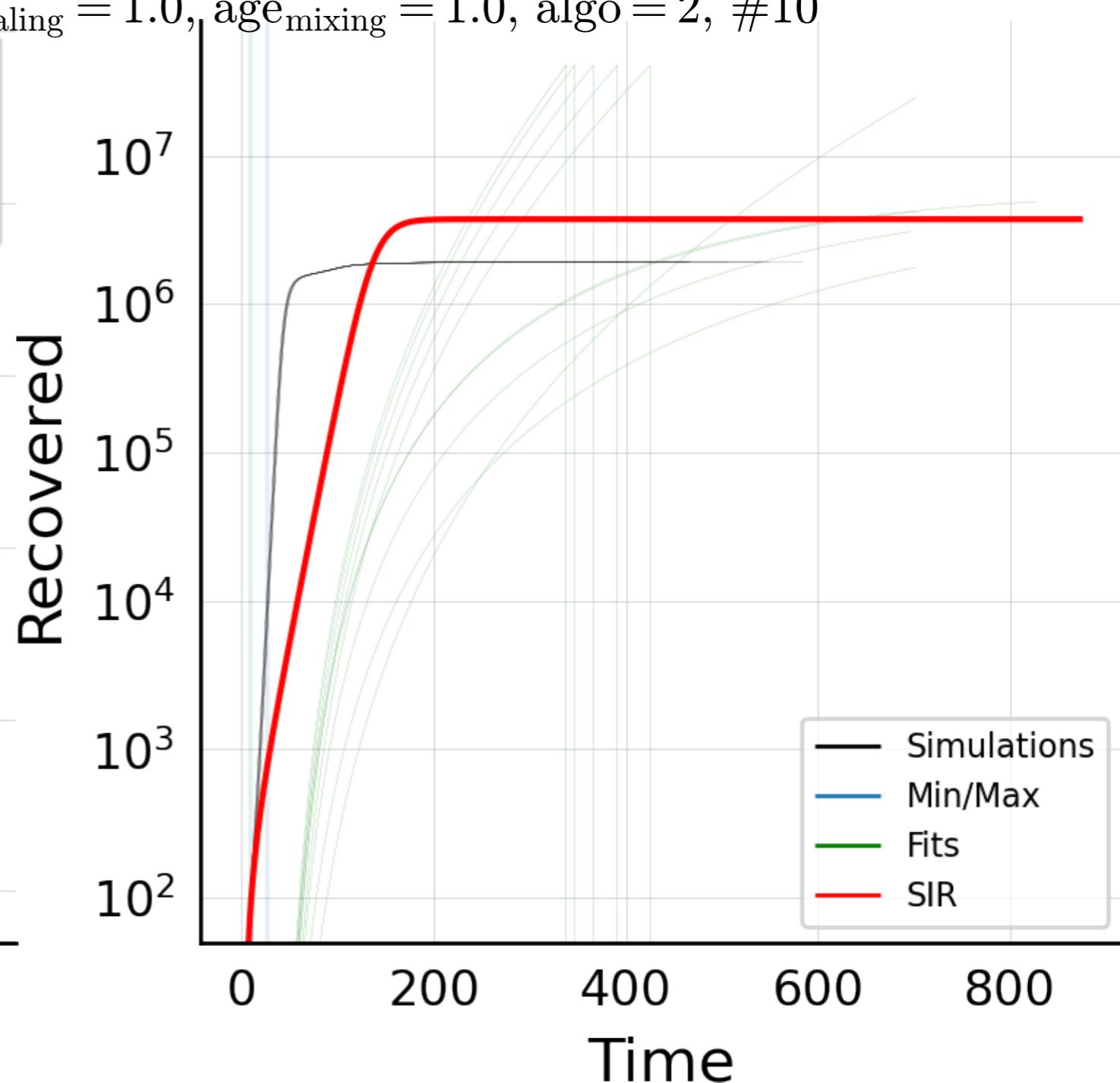
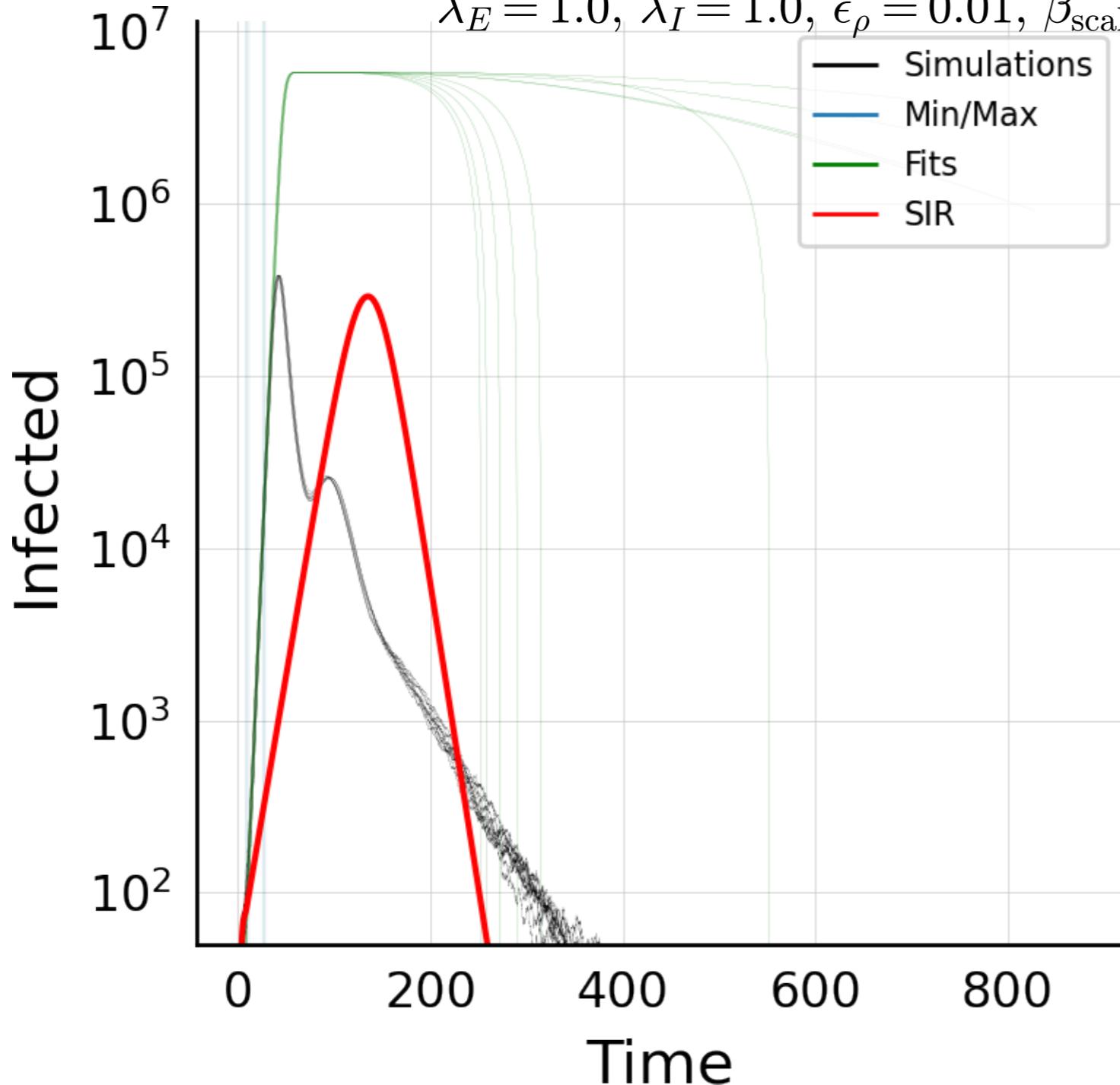
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 50.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



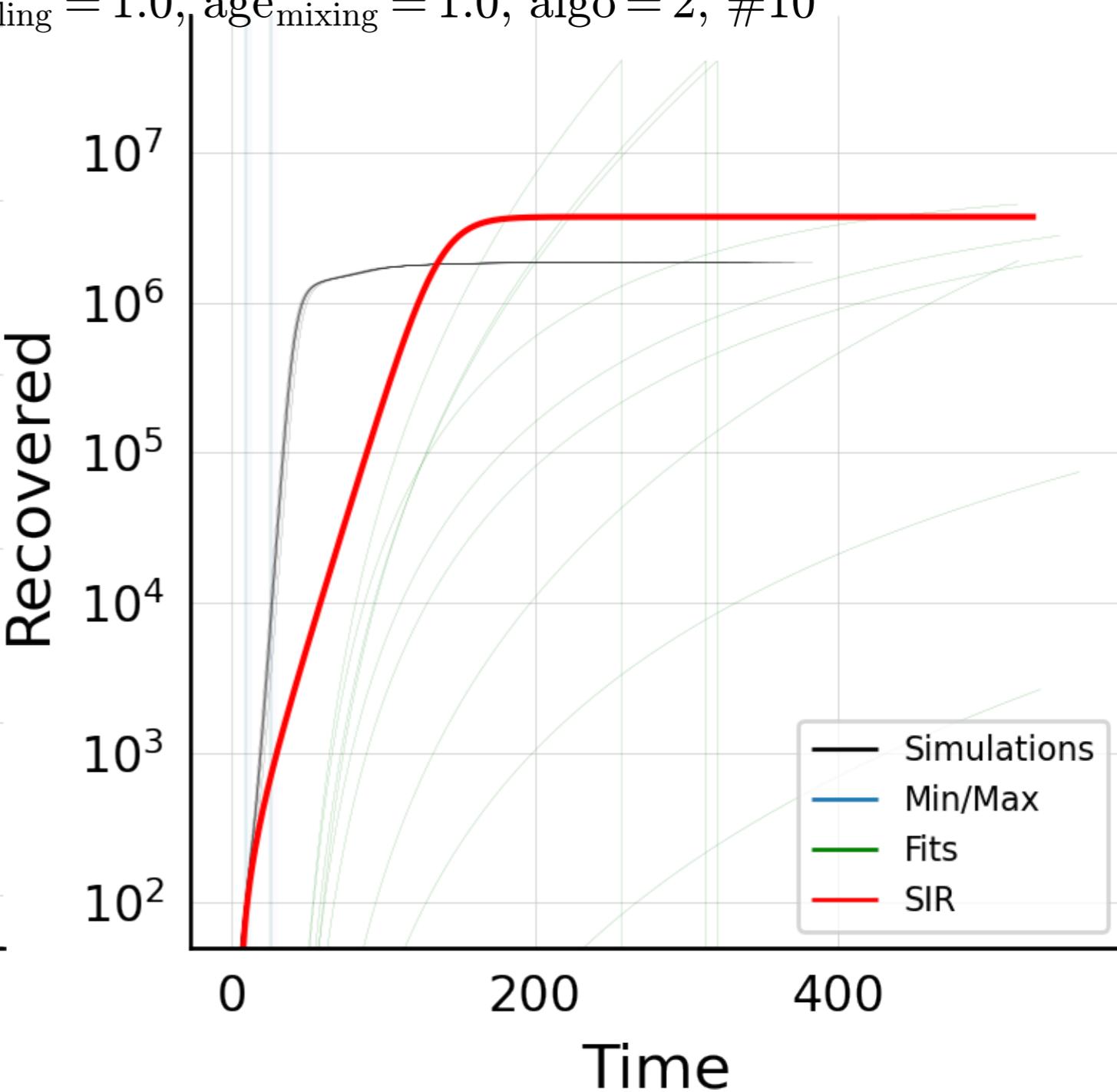
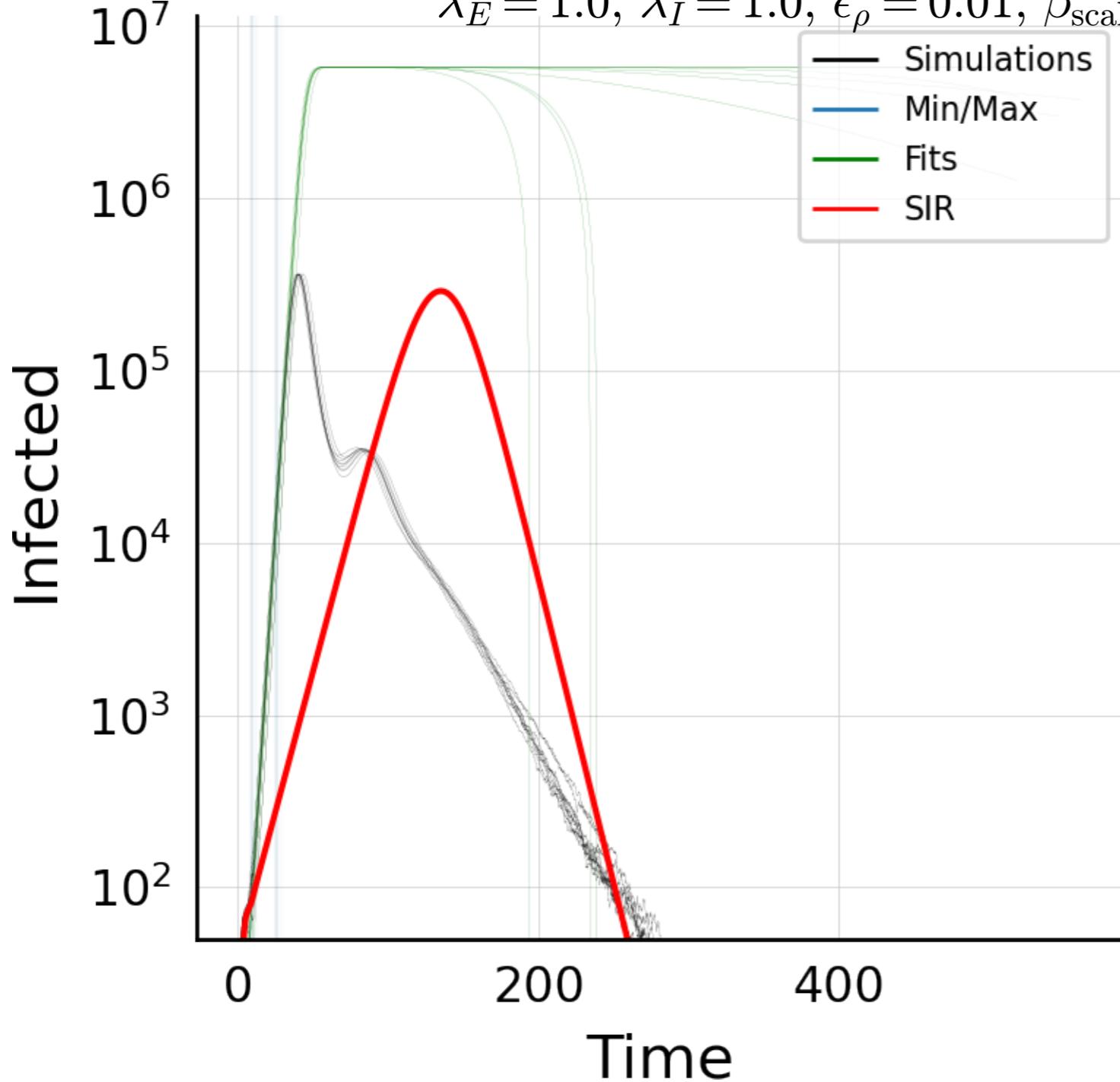
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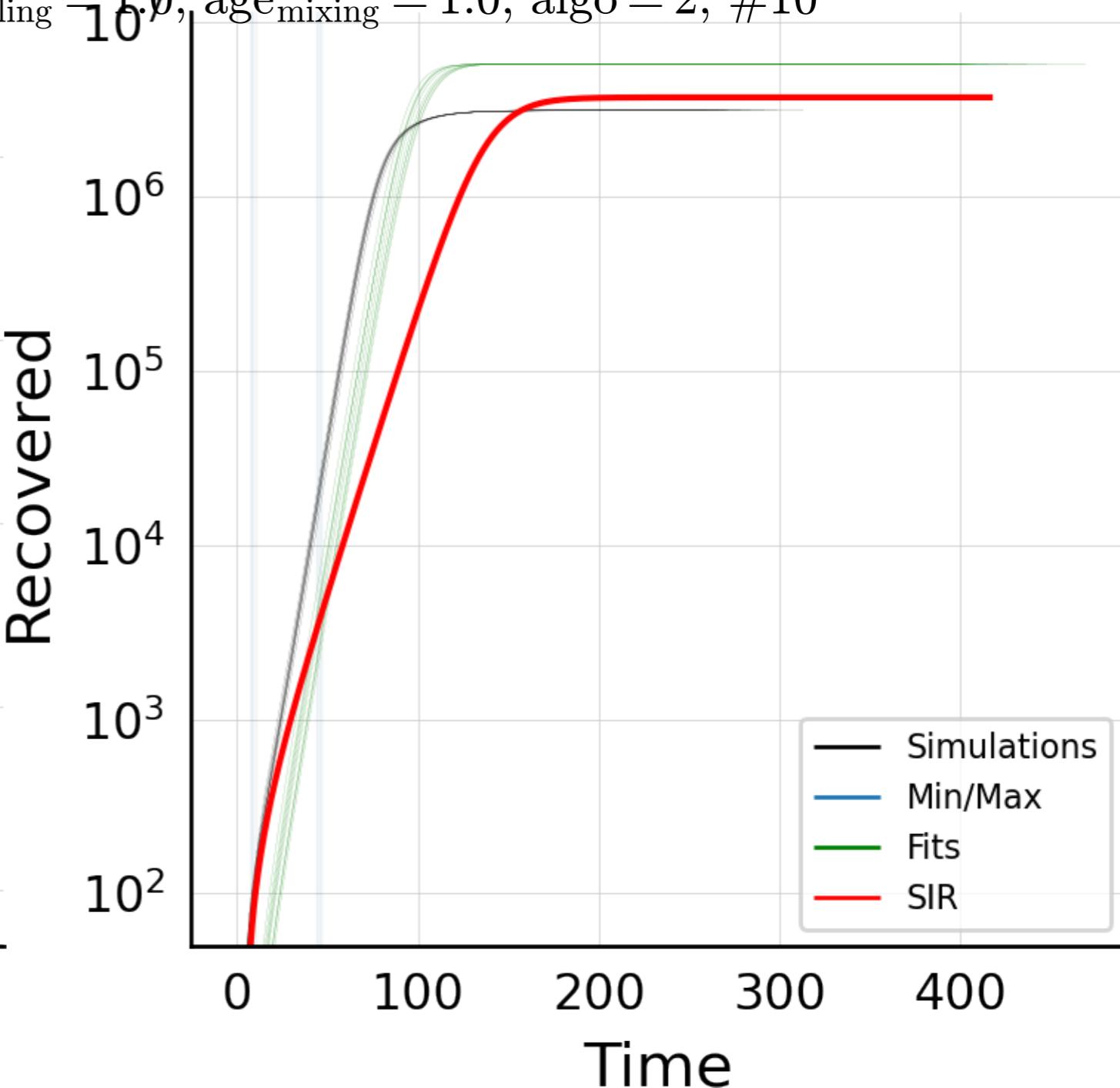
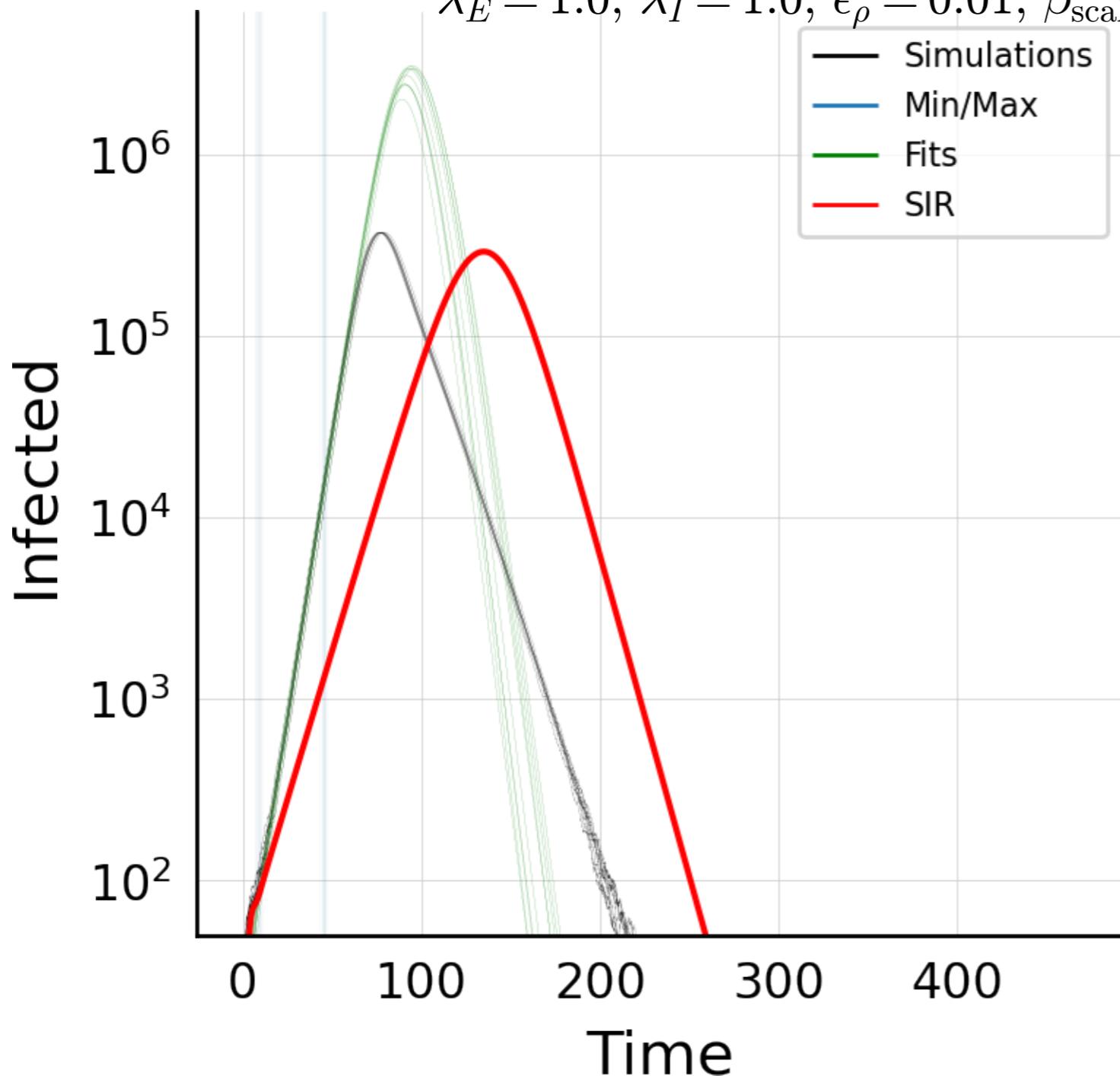
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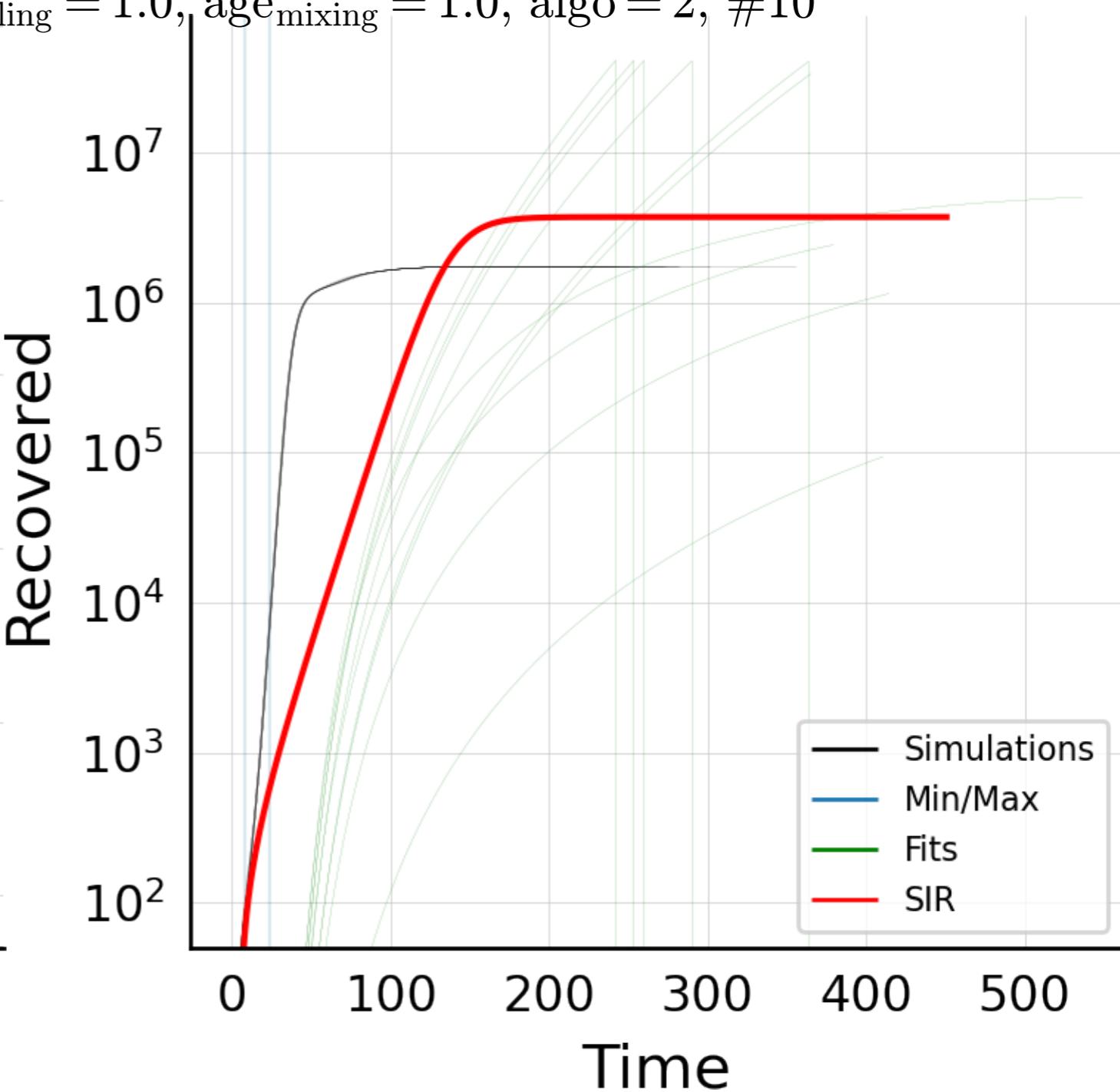
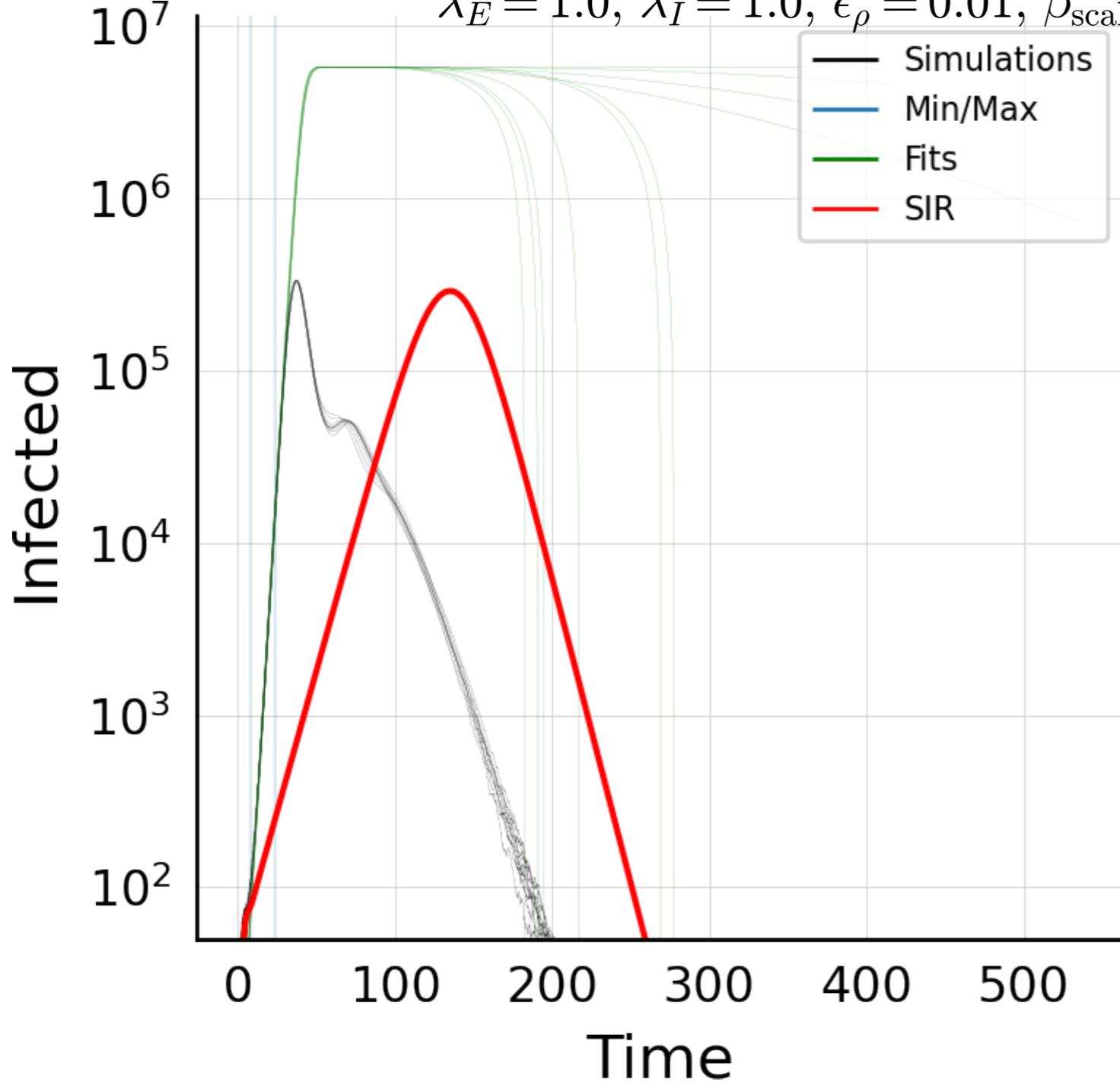
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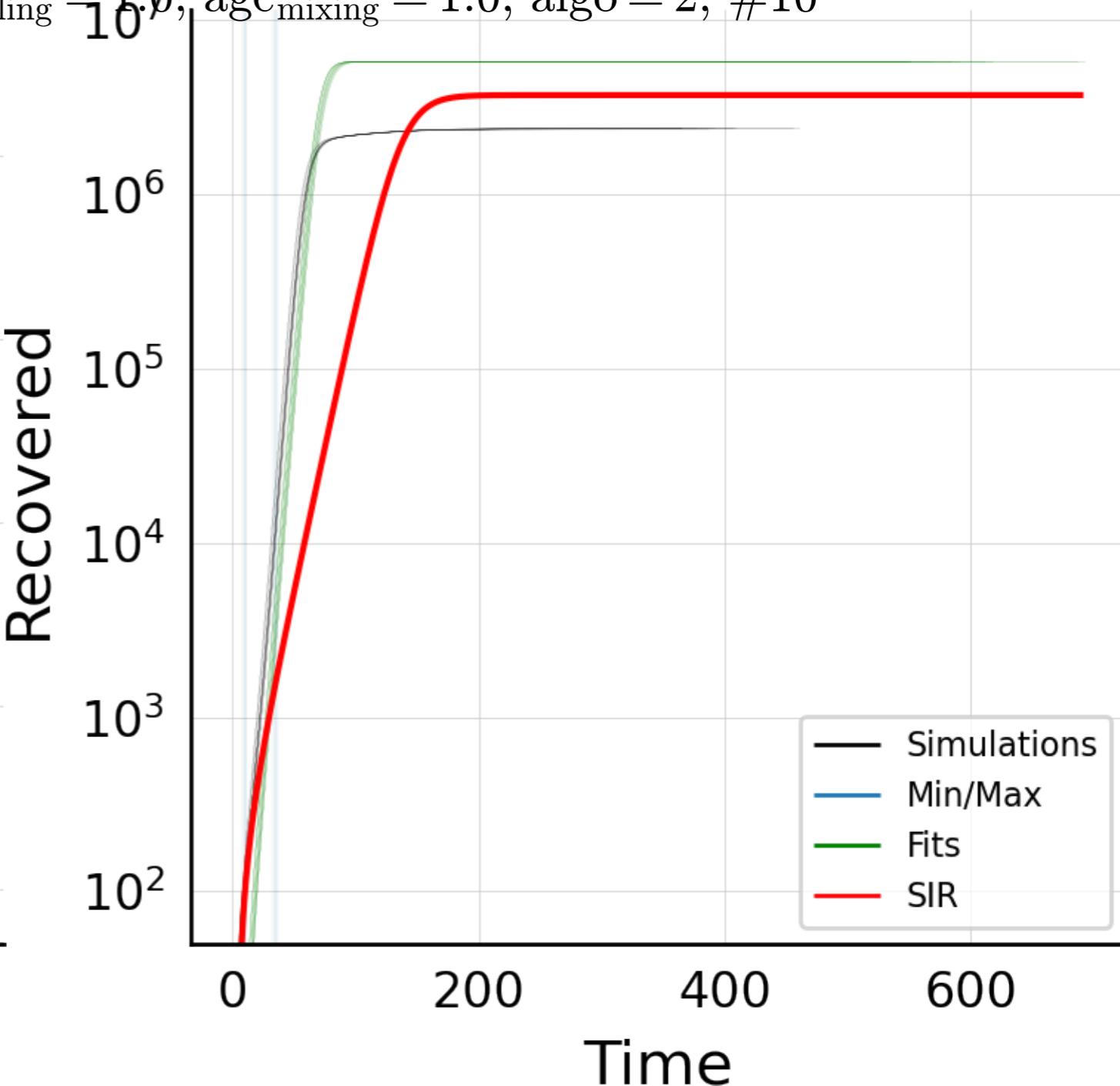
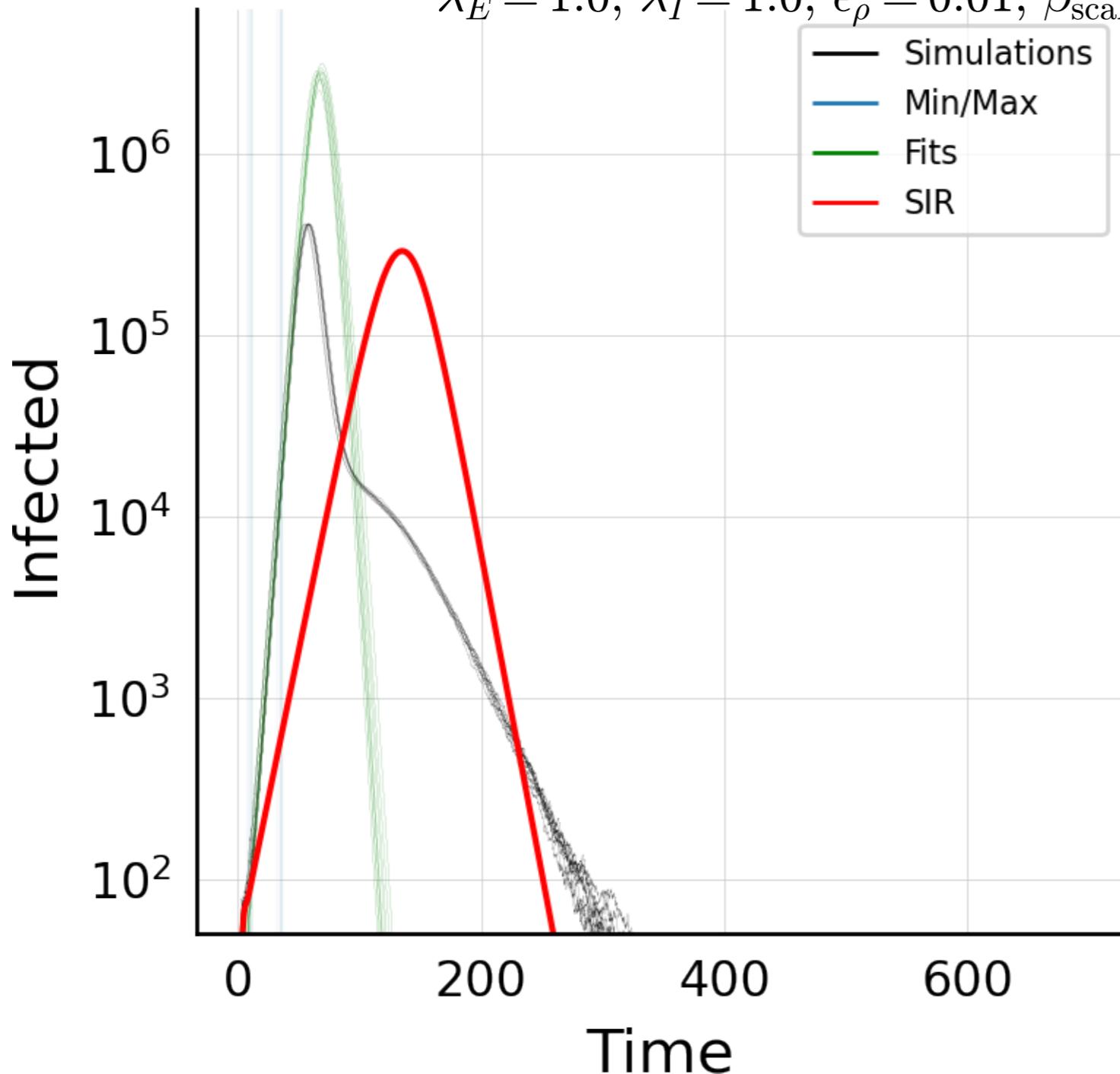
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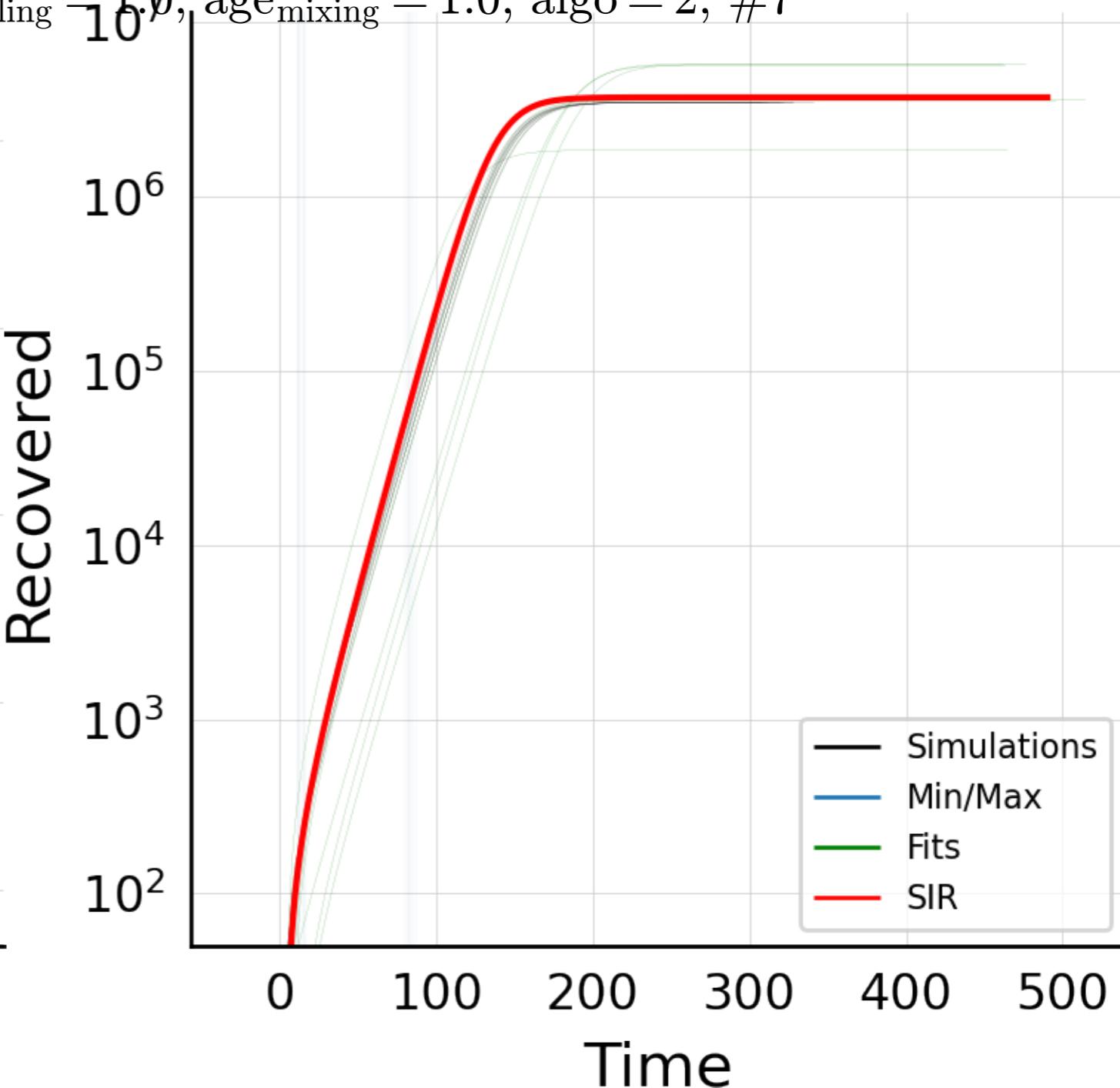
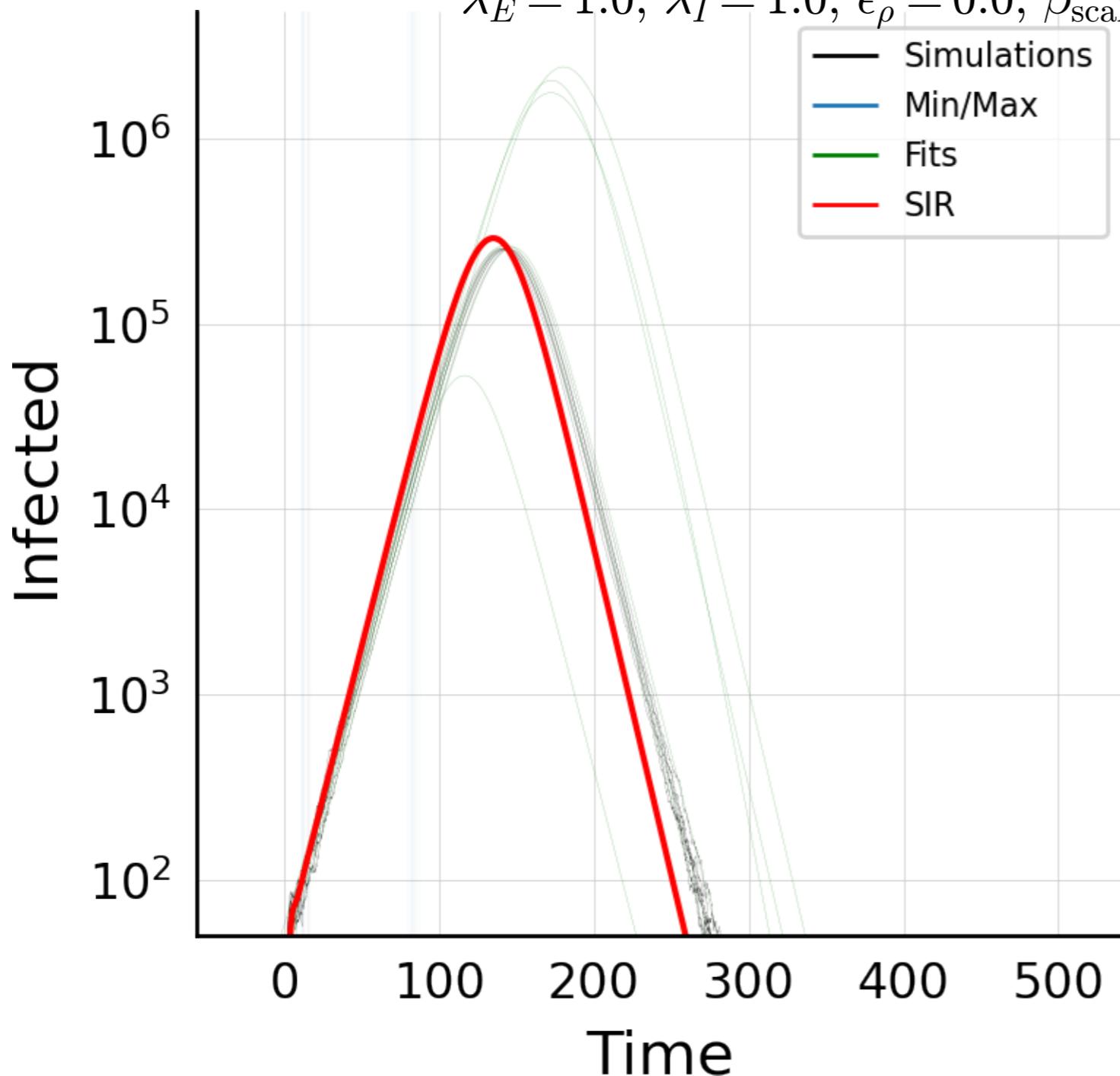
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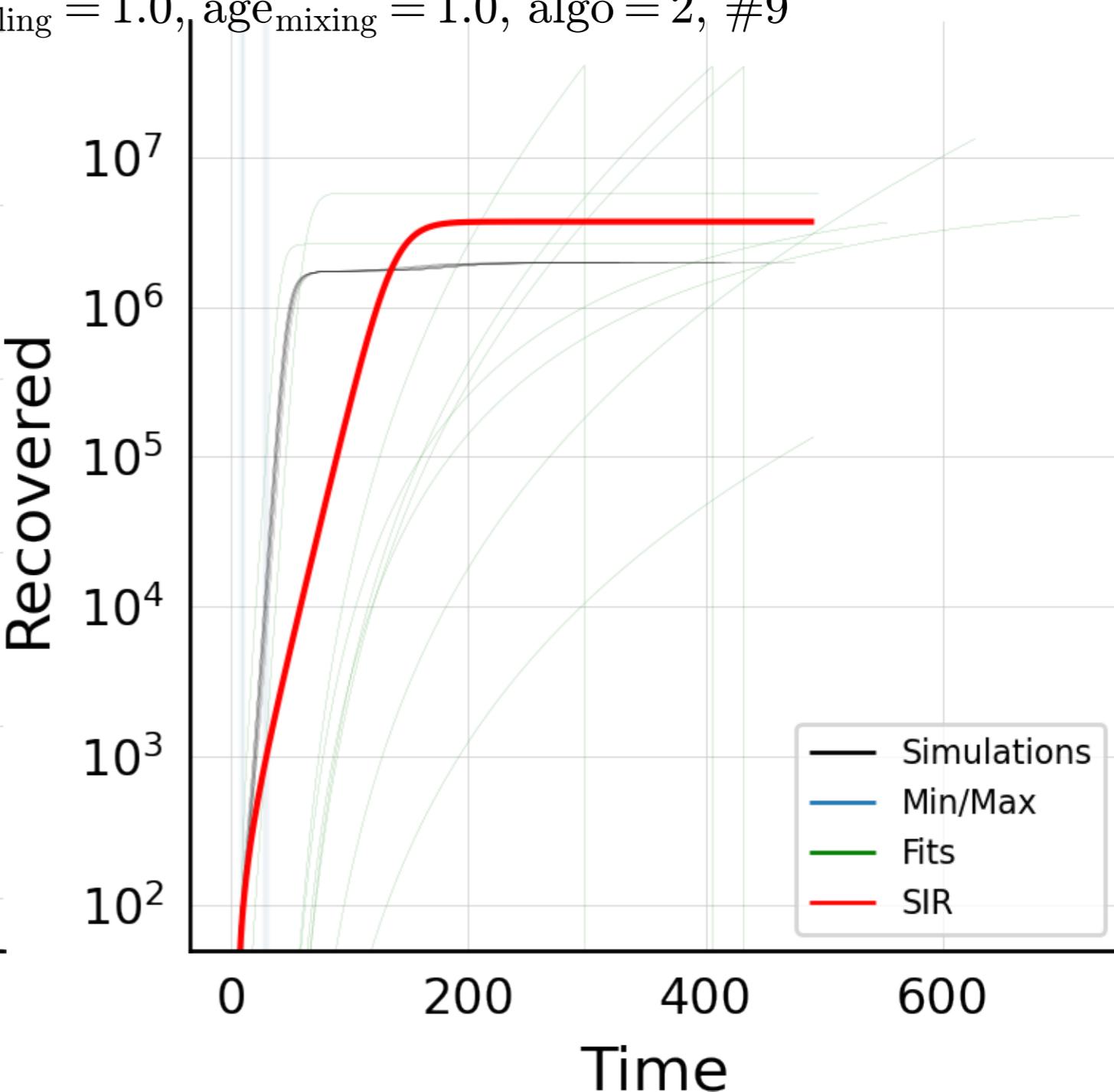
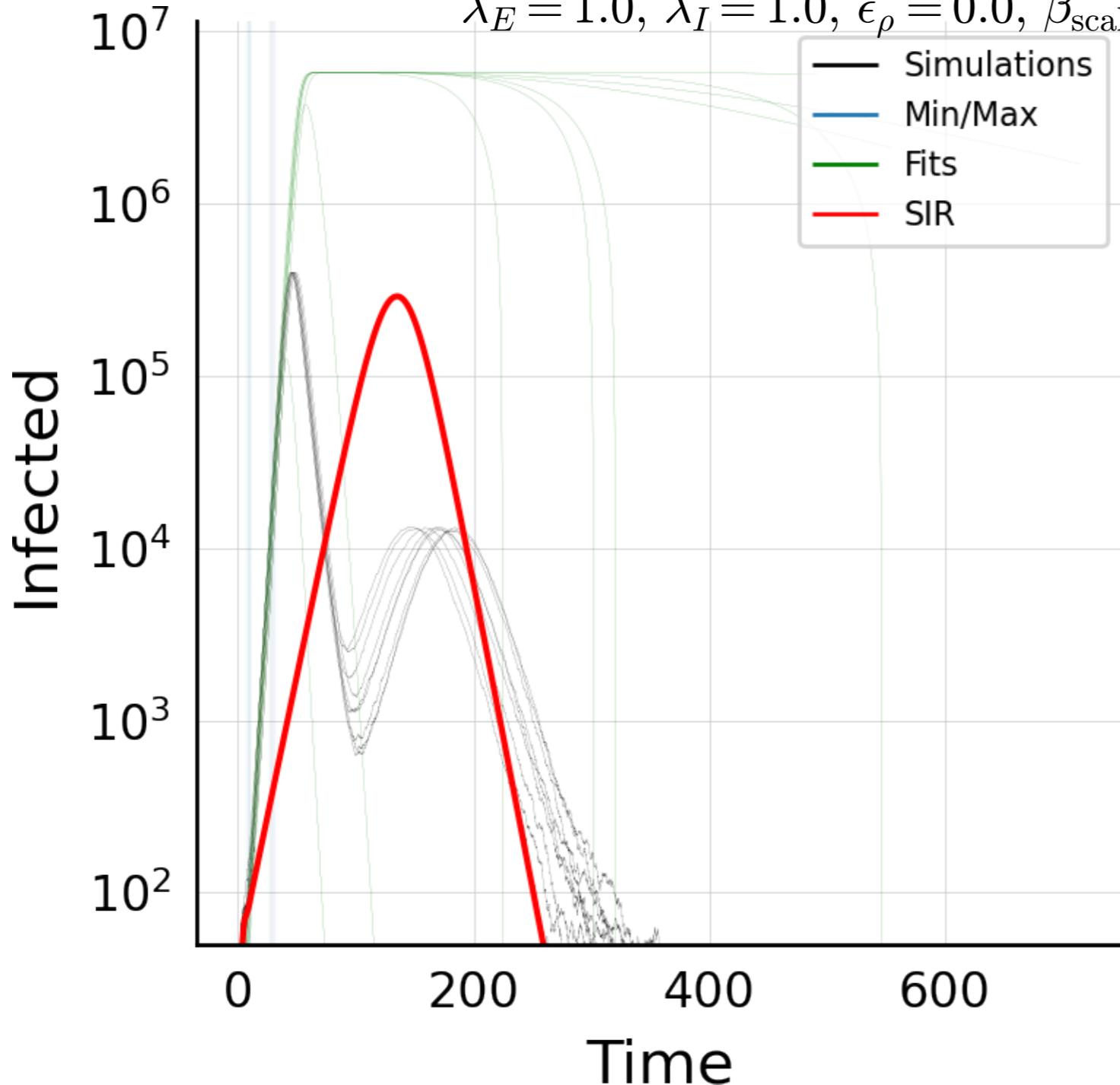
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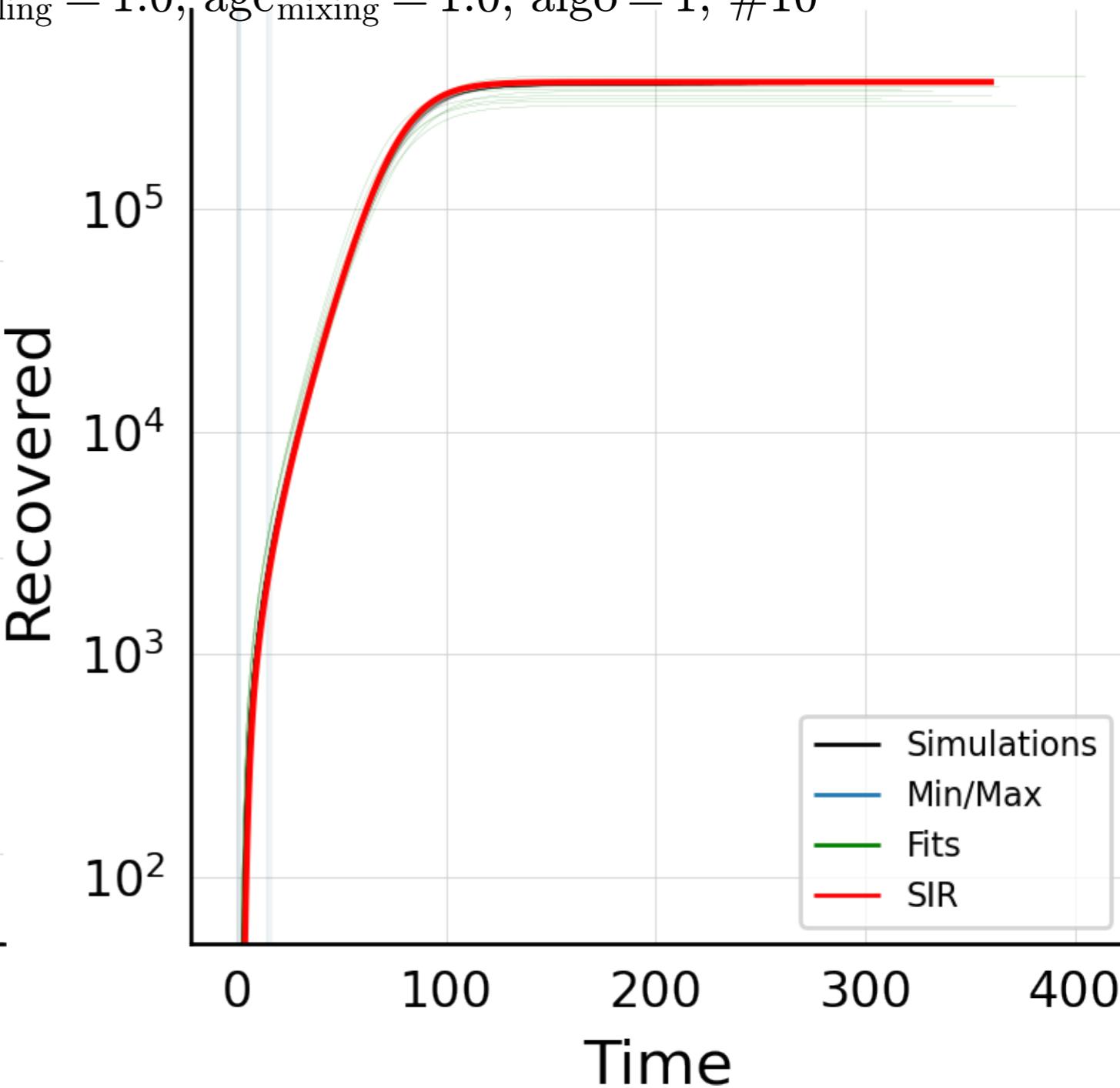
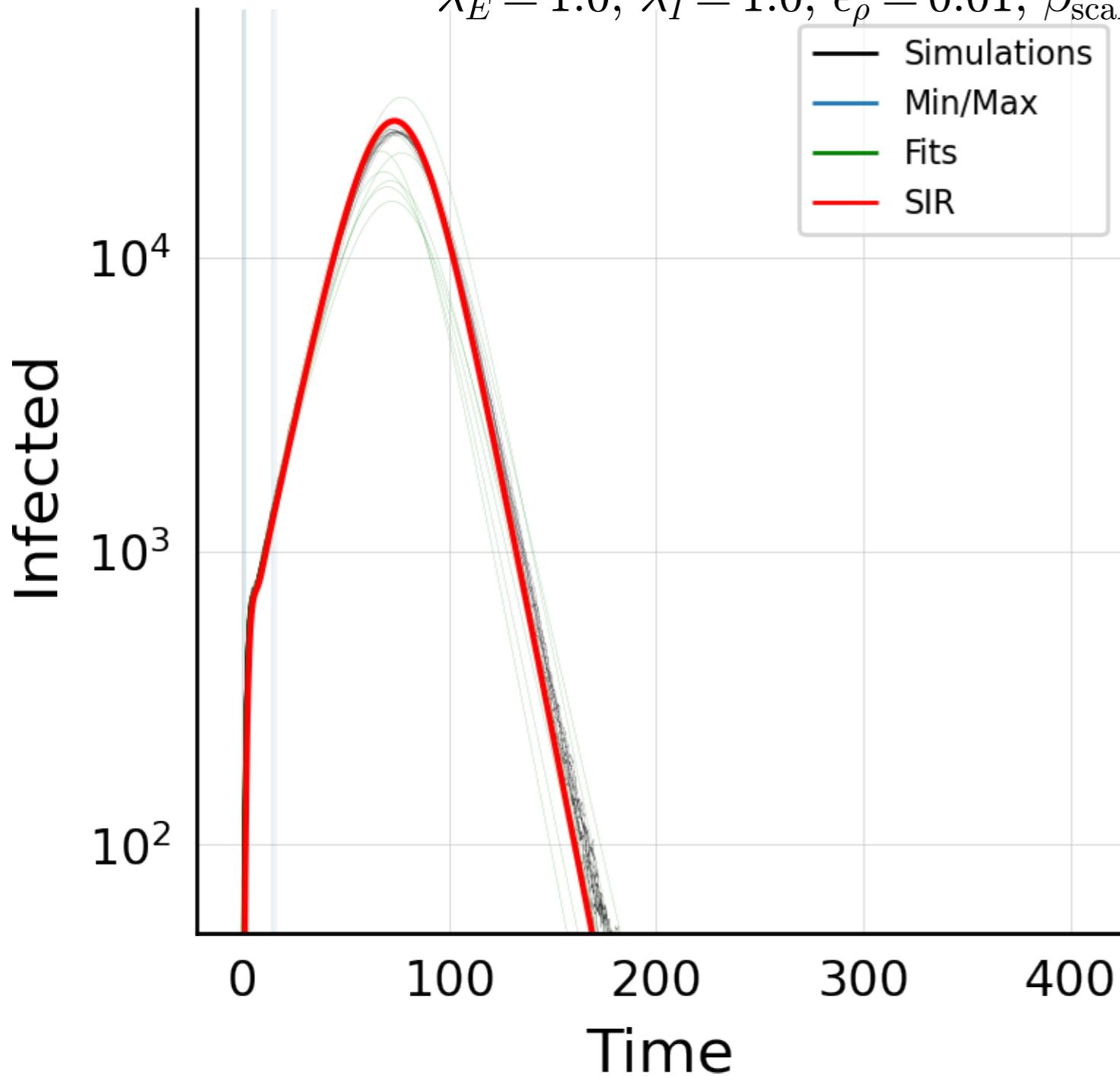
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #7



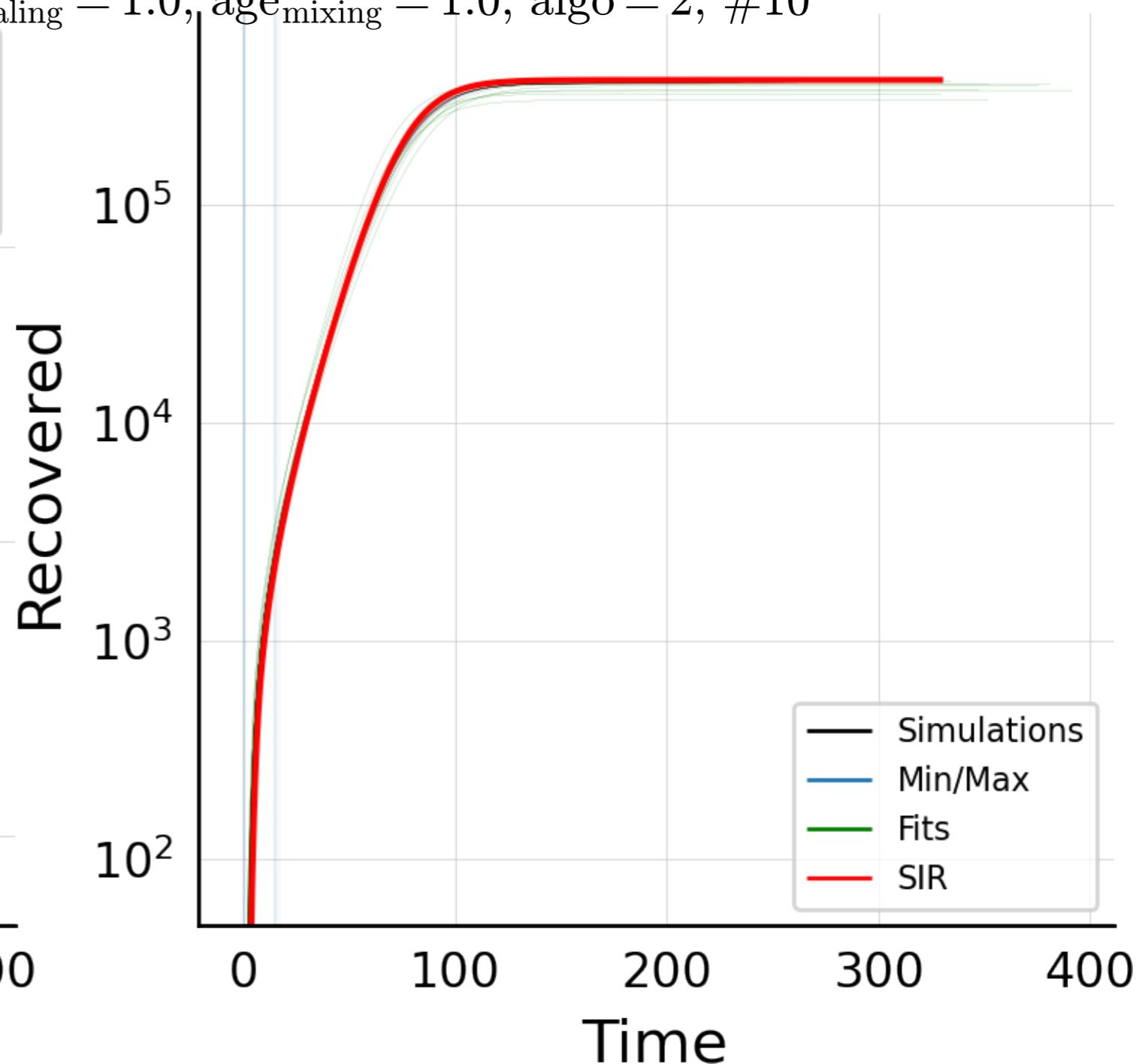
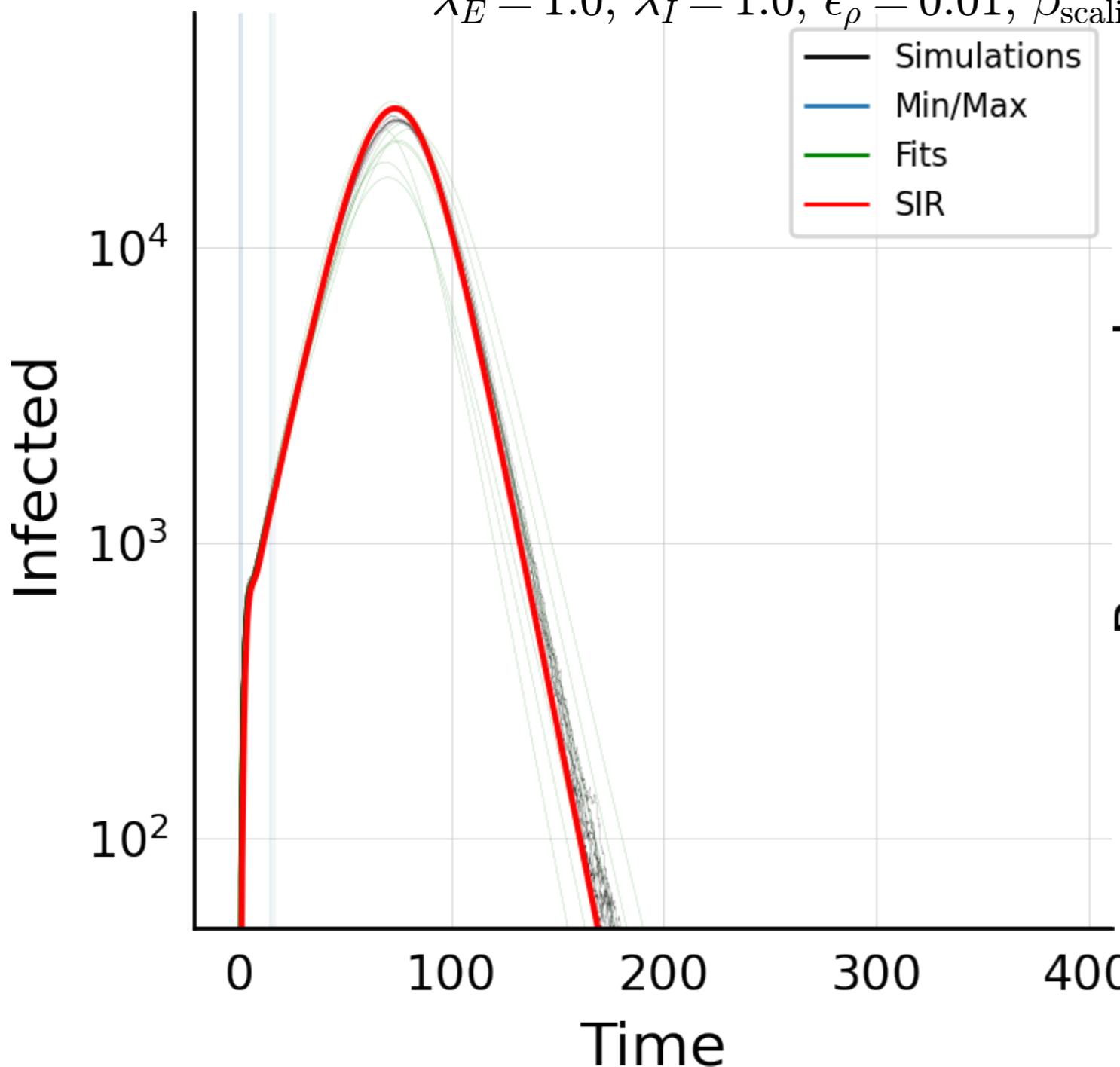
$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, $\rho = 100.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #9



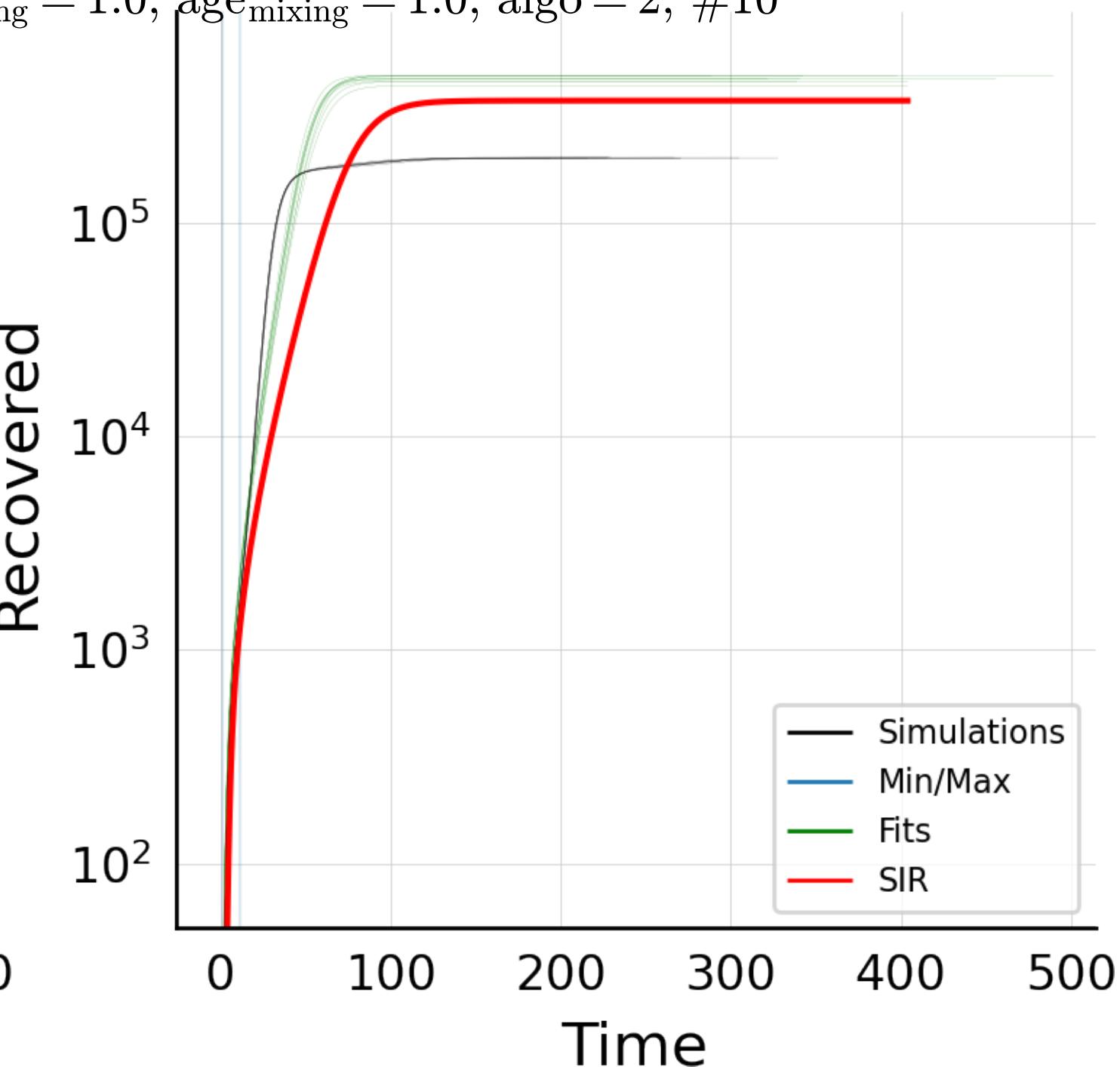
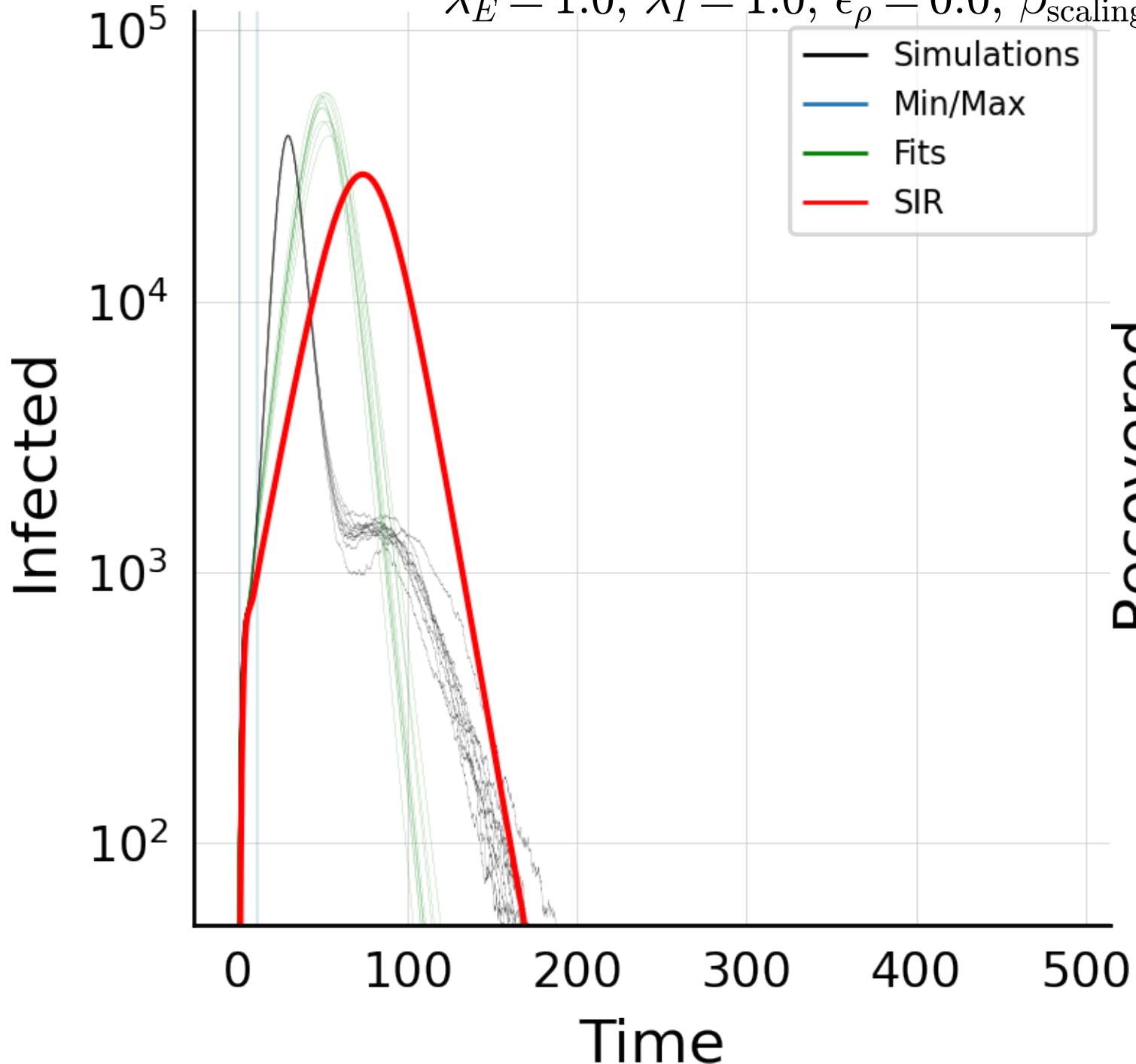
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



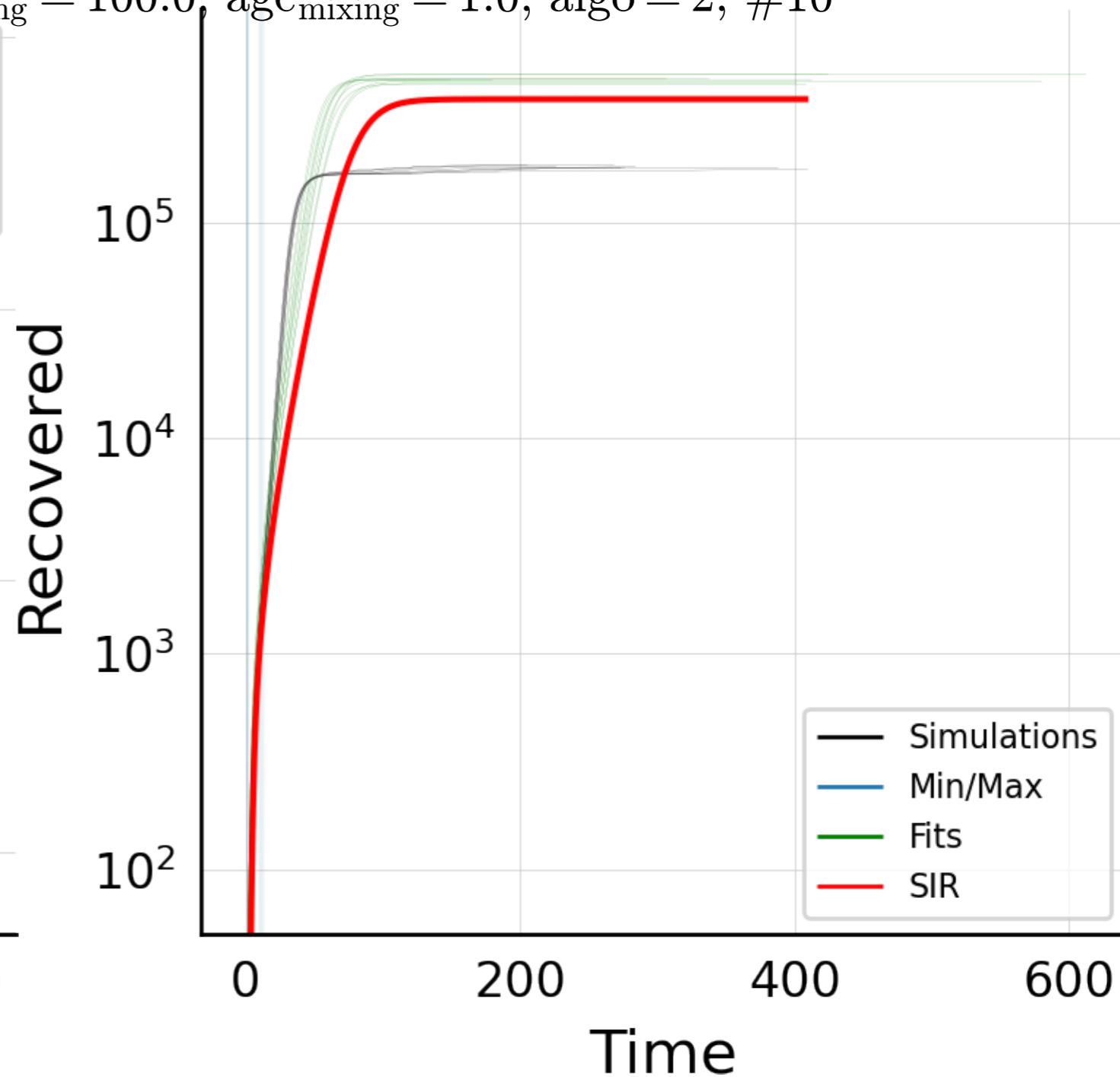
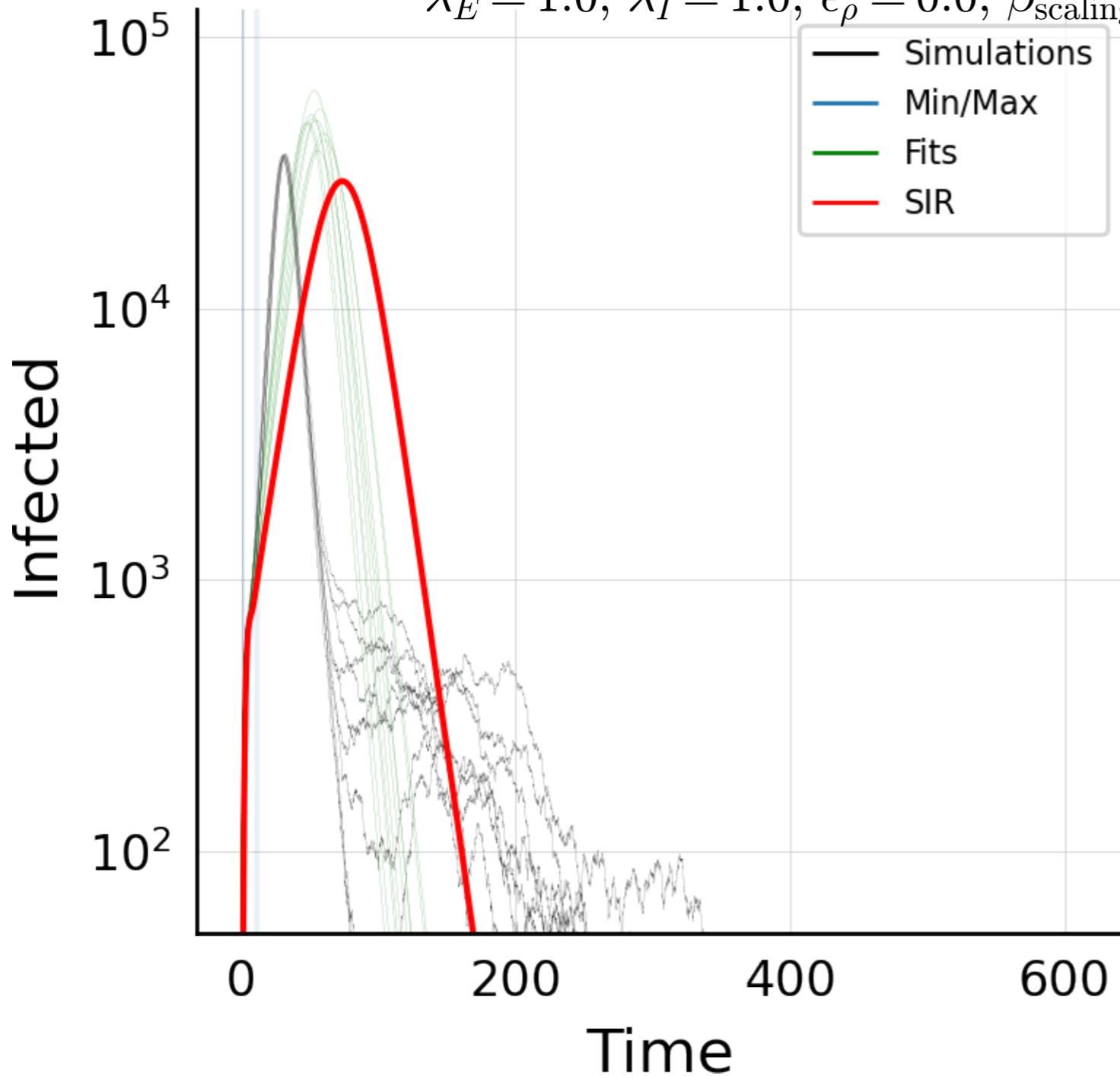
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



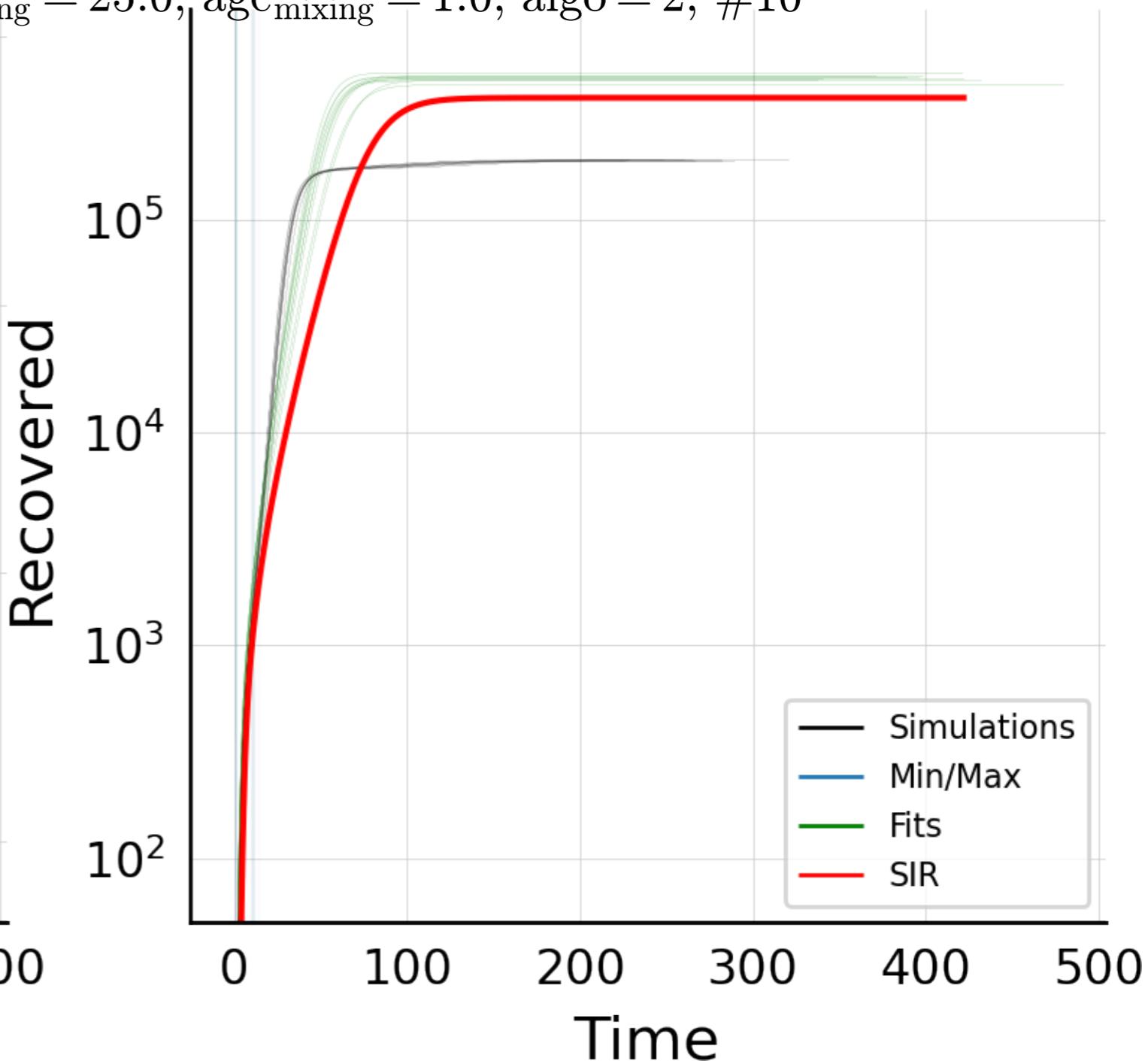
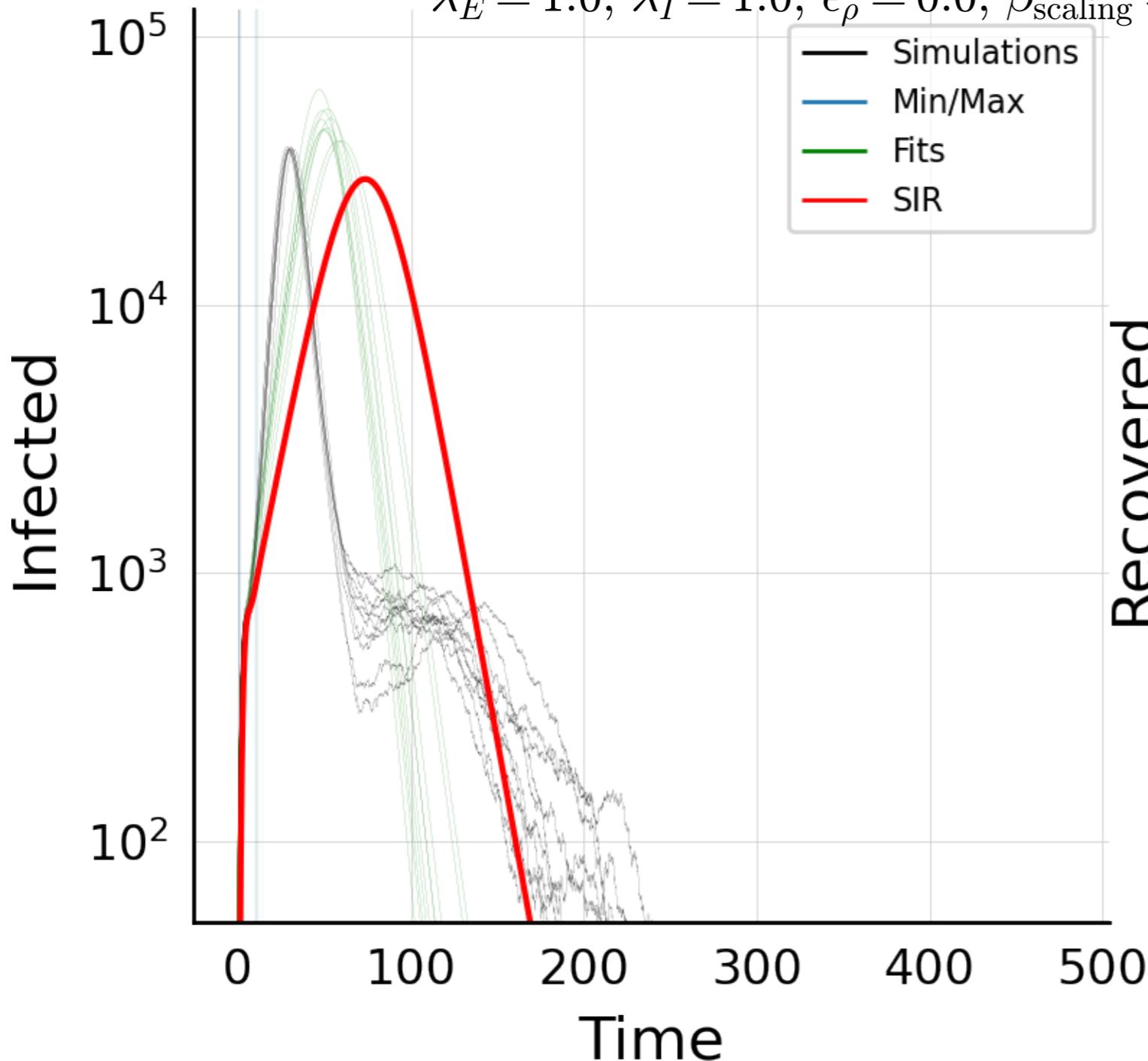
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



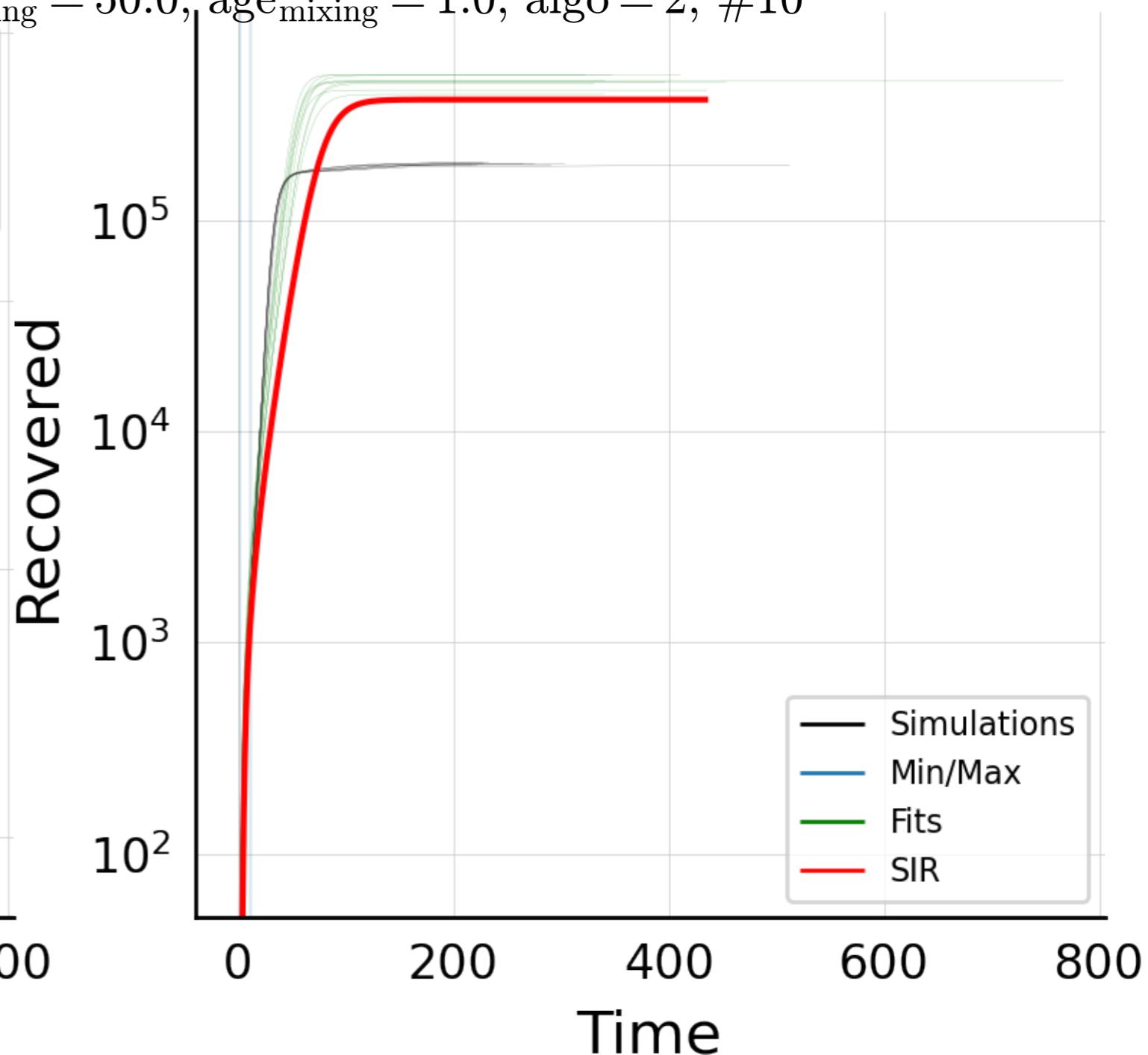
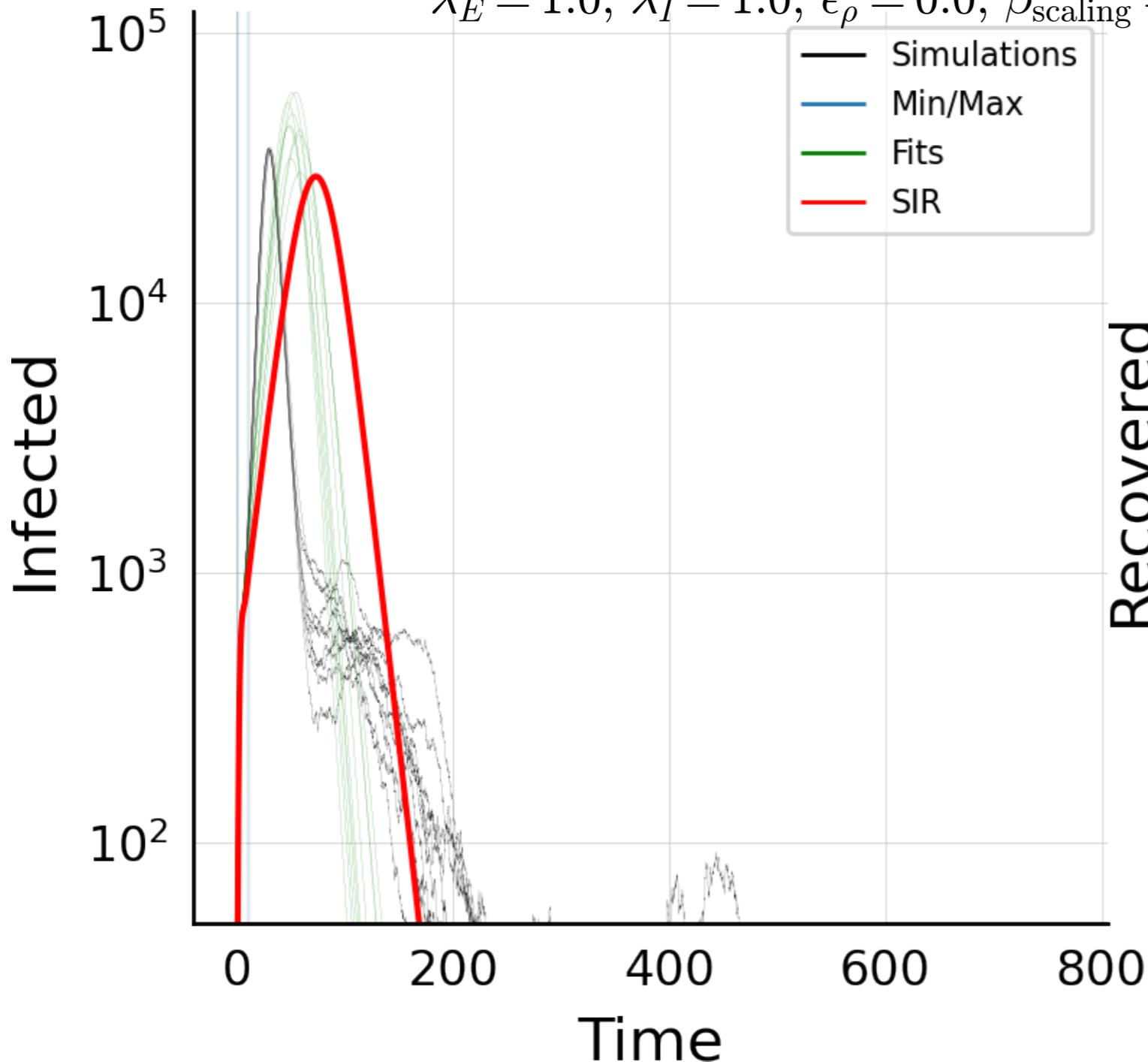
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 100.0$, $\text{age mixing} = 1.0$, $\text{algo} = 2$, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 1K$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 100.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 25.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10

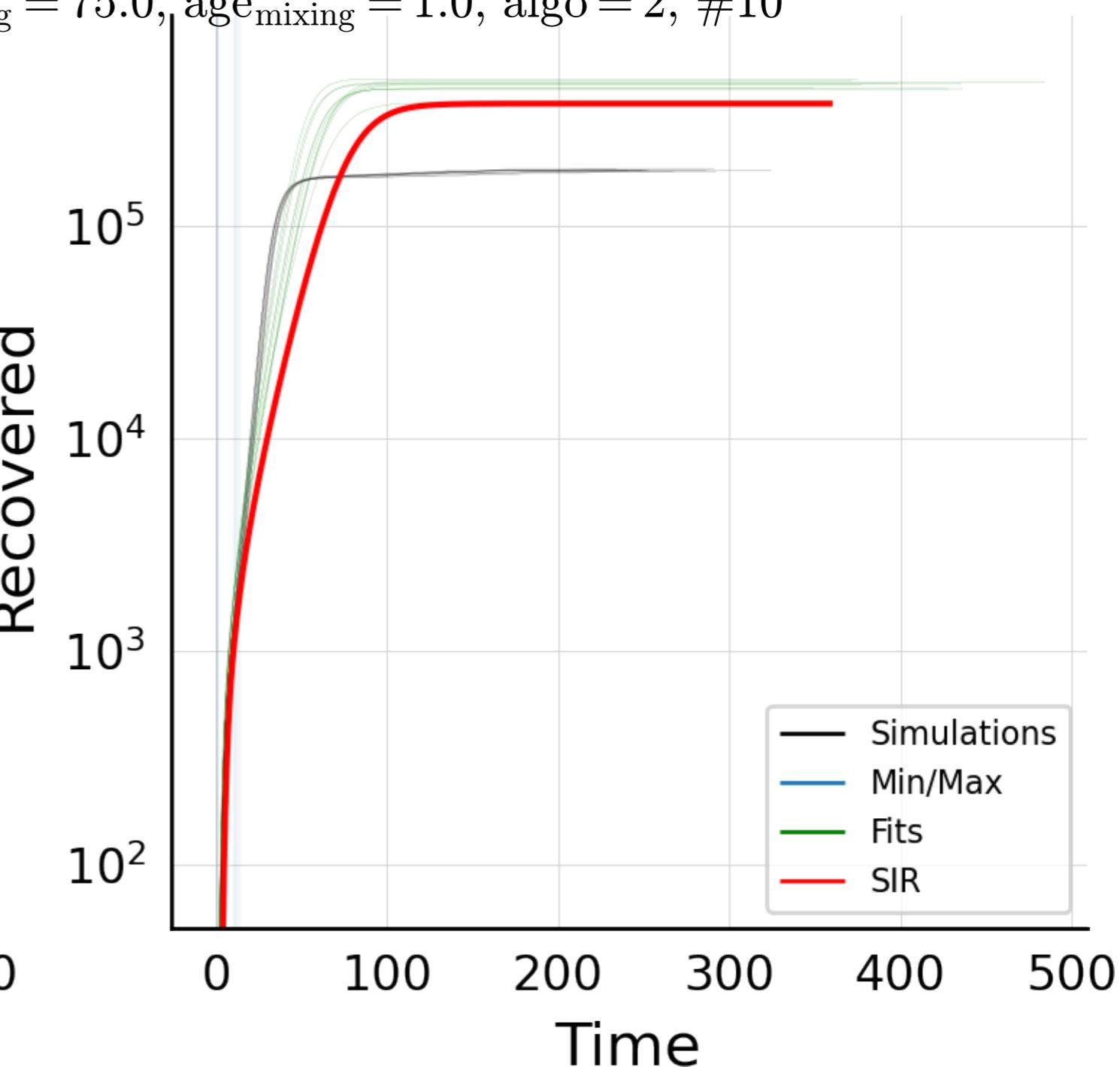
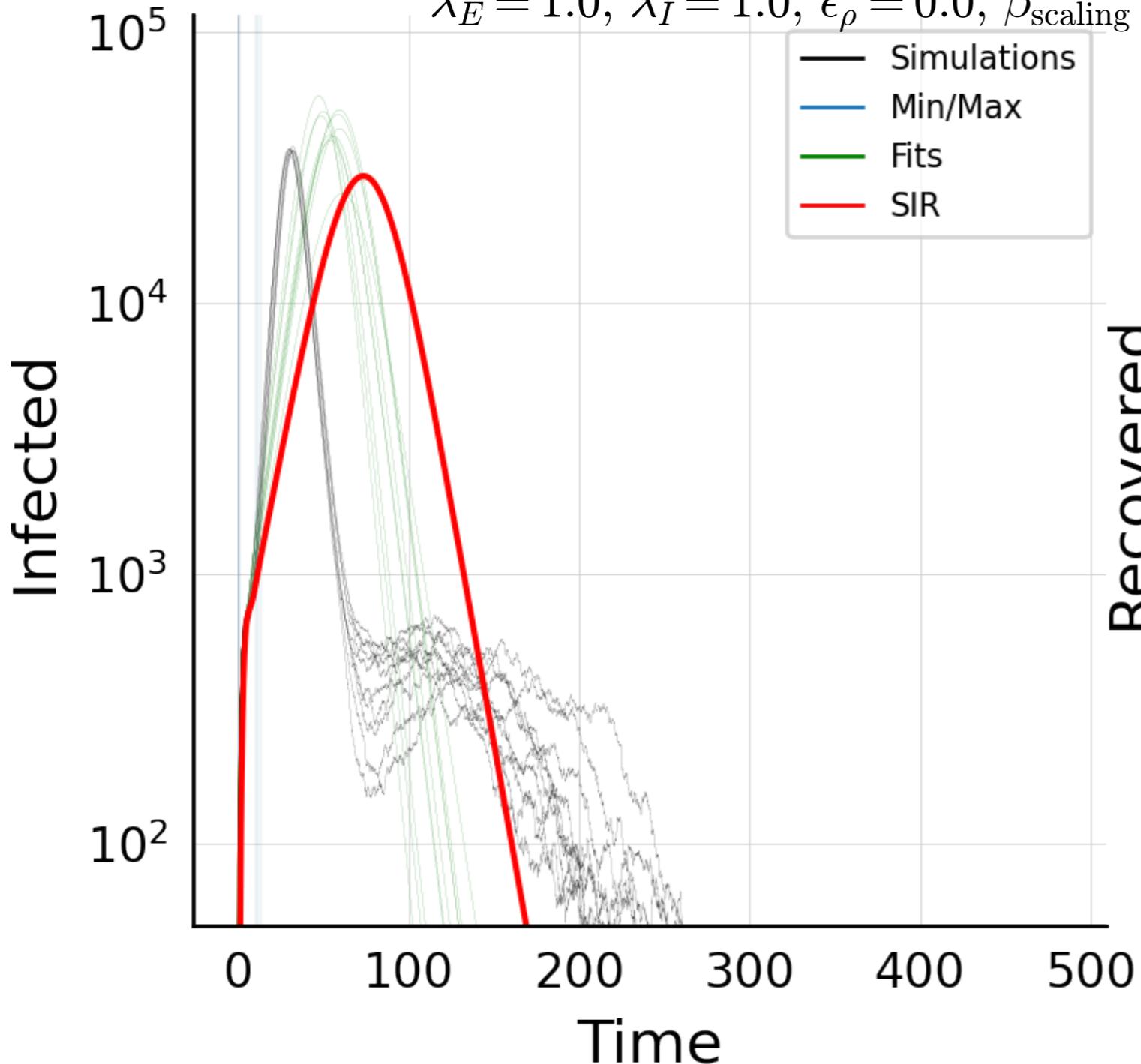


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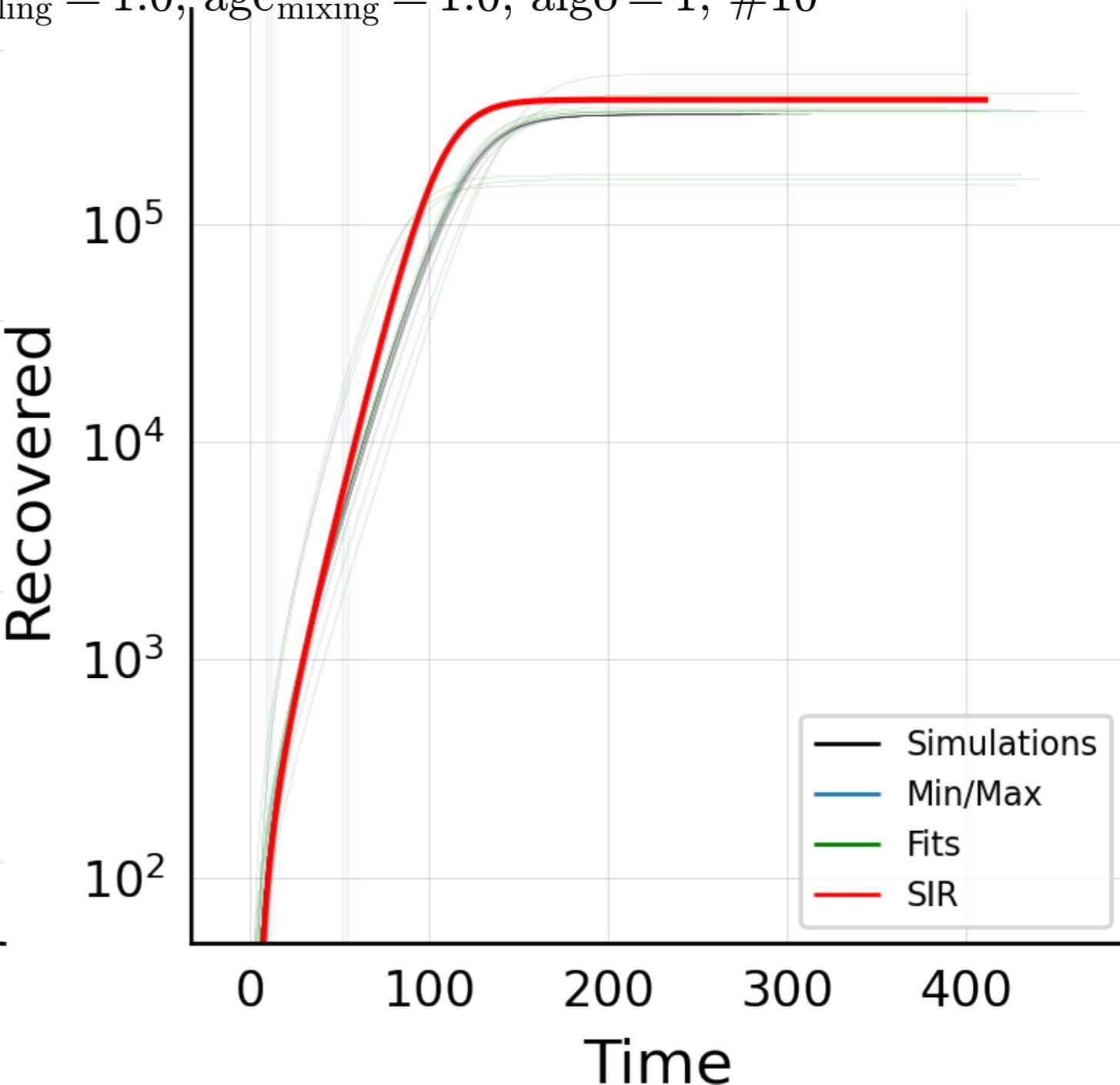
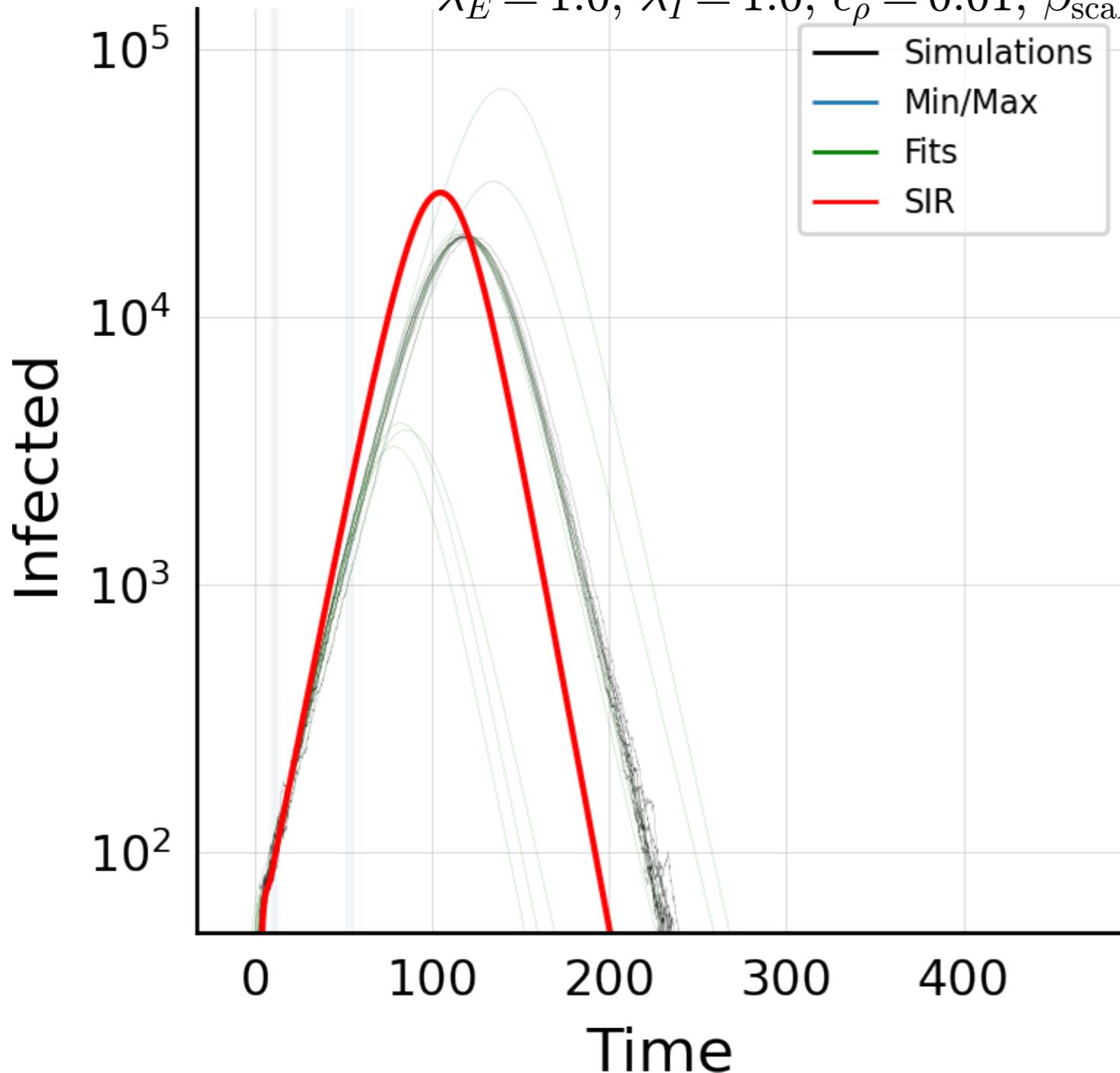


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 1K$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 100.0$

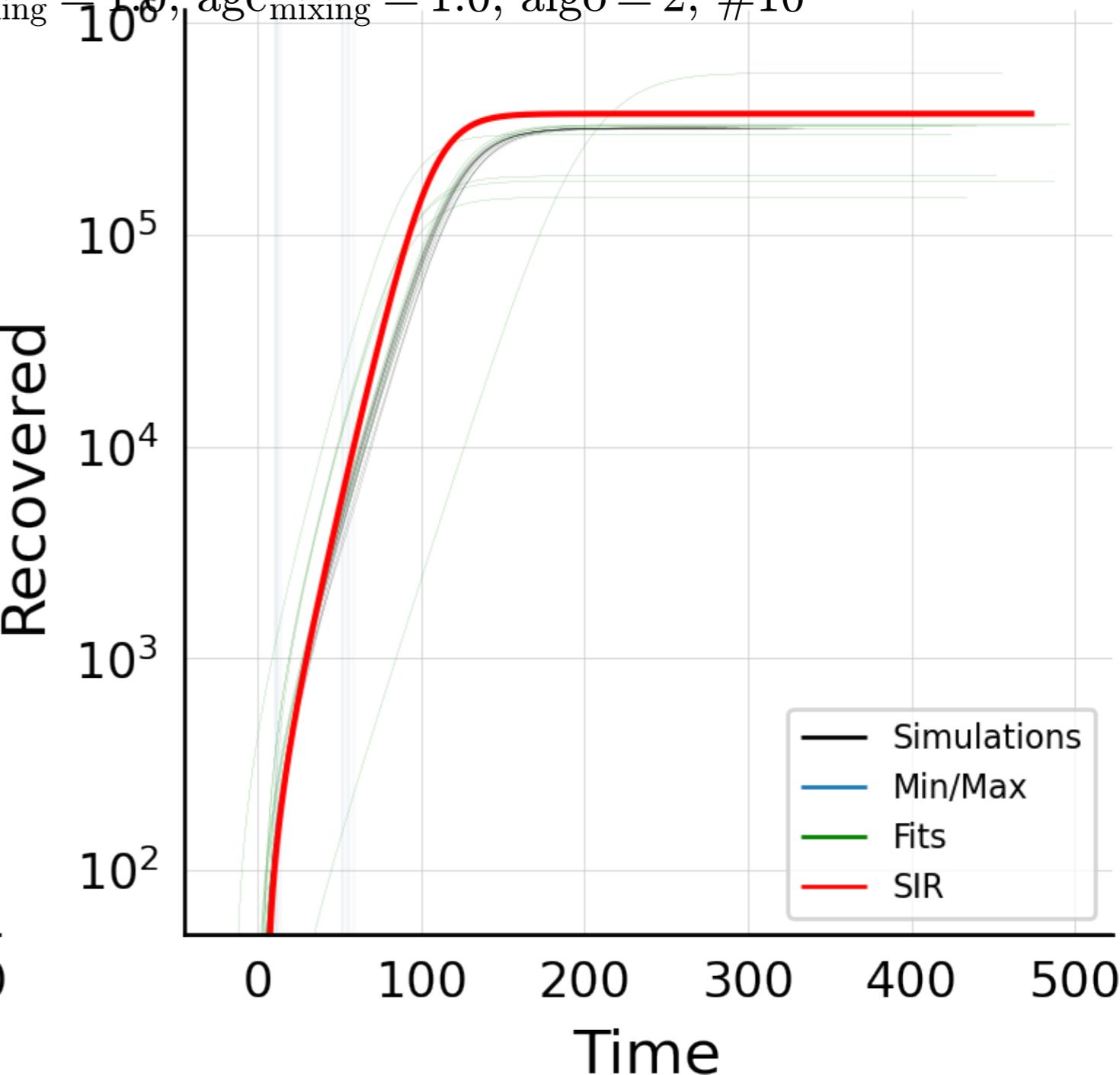
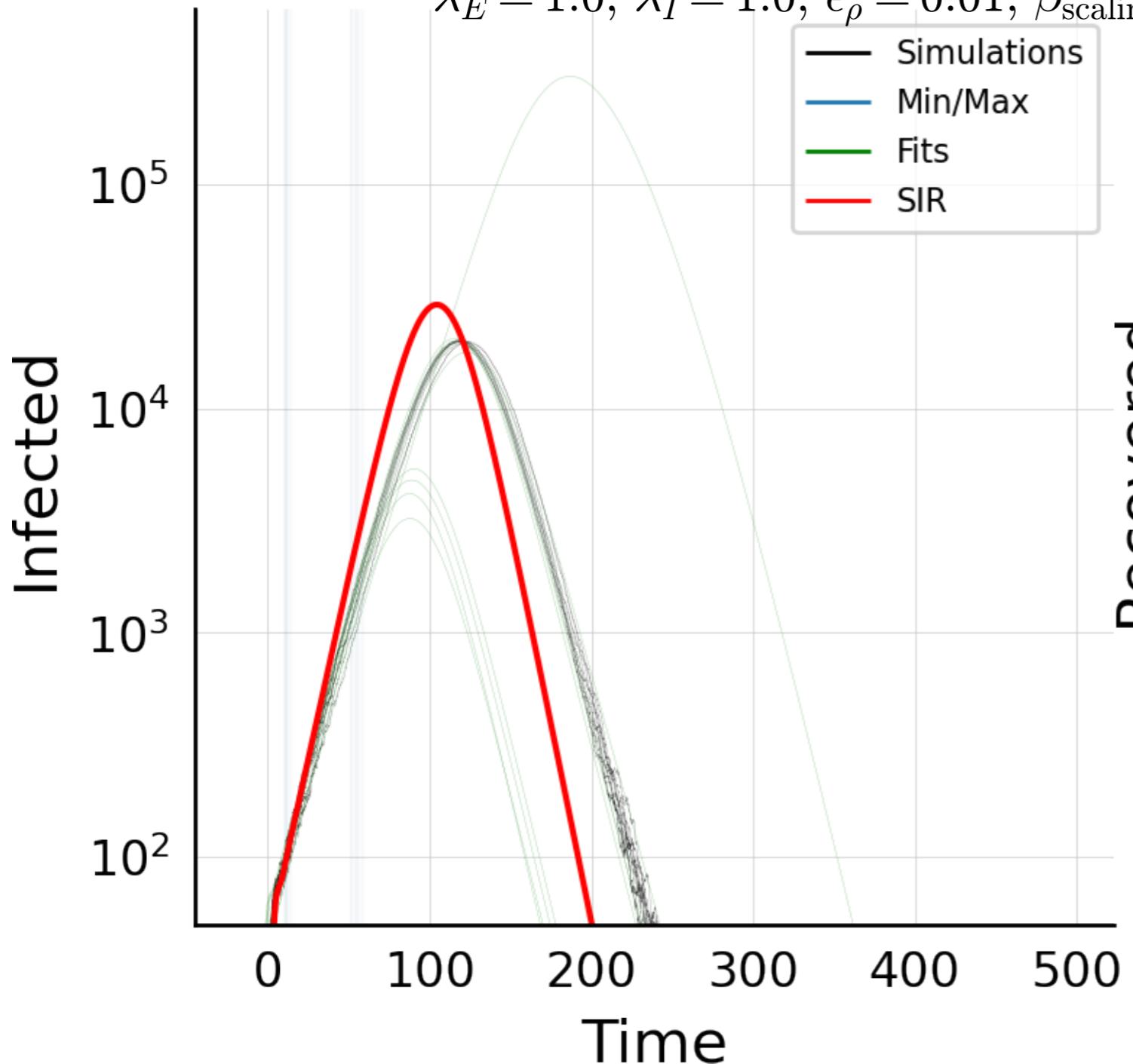
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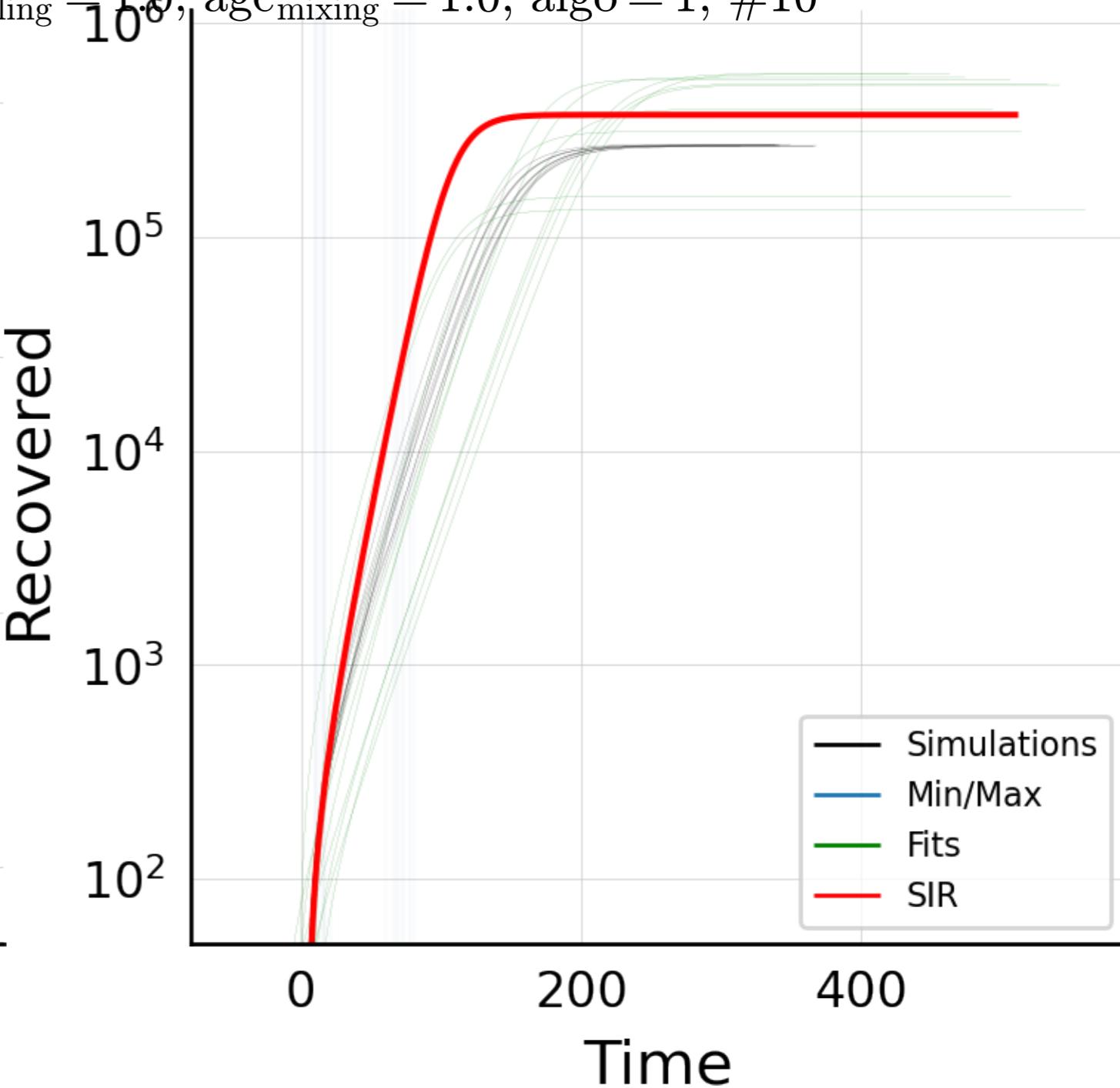
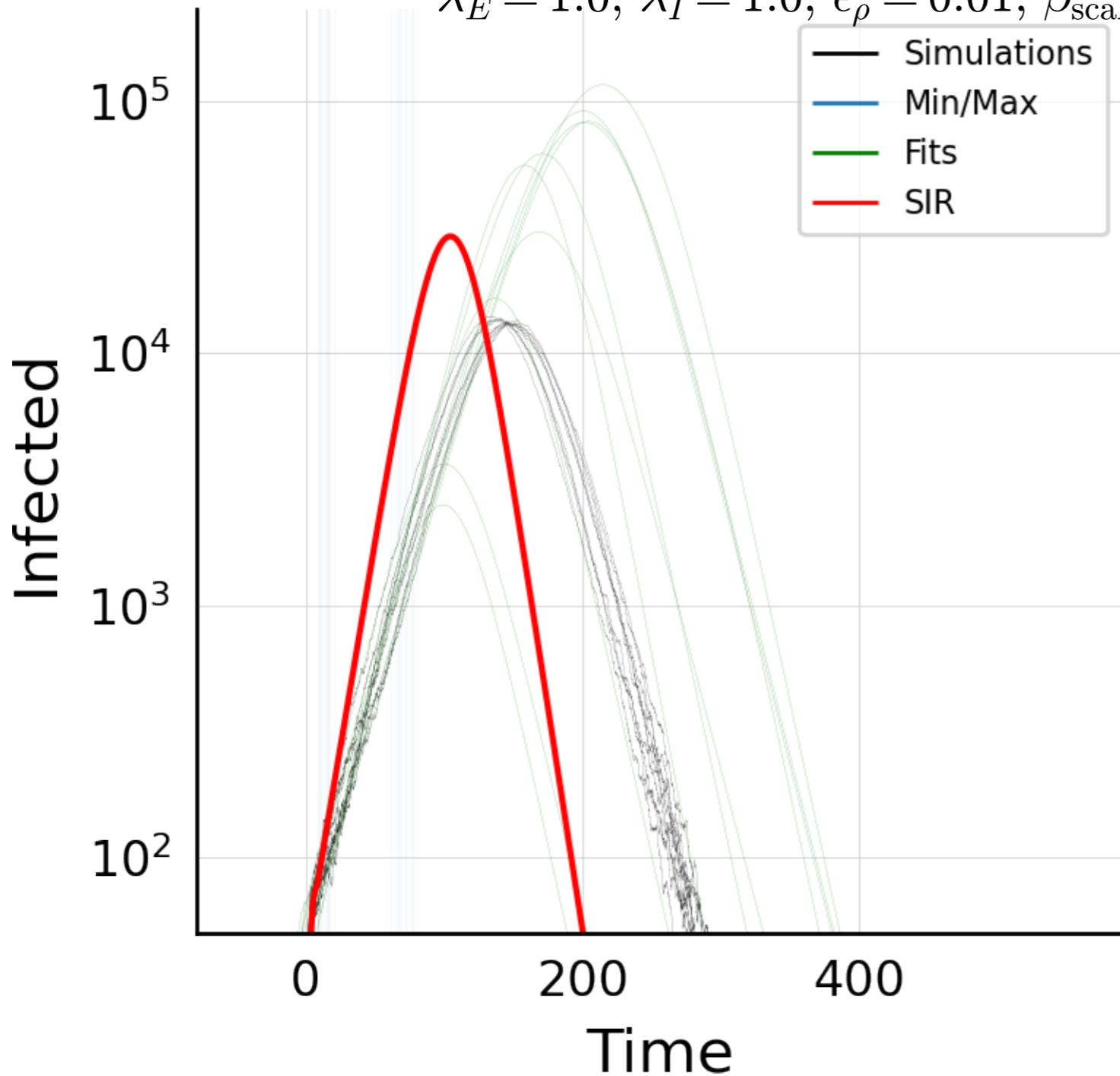
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



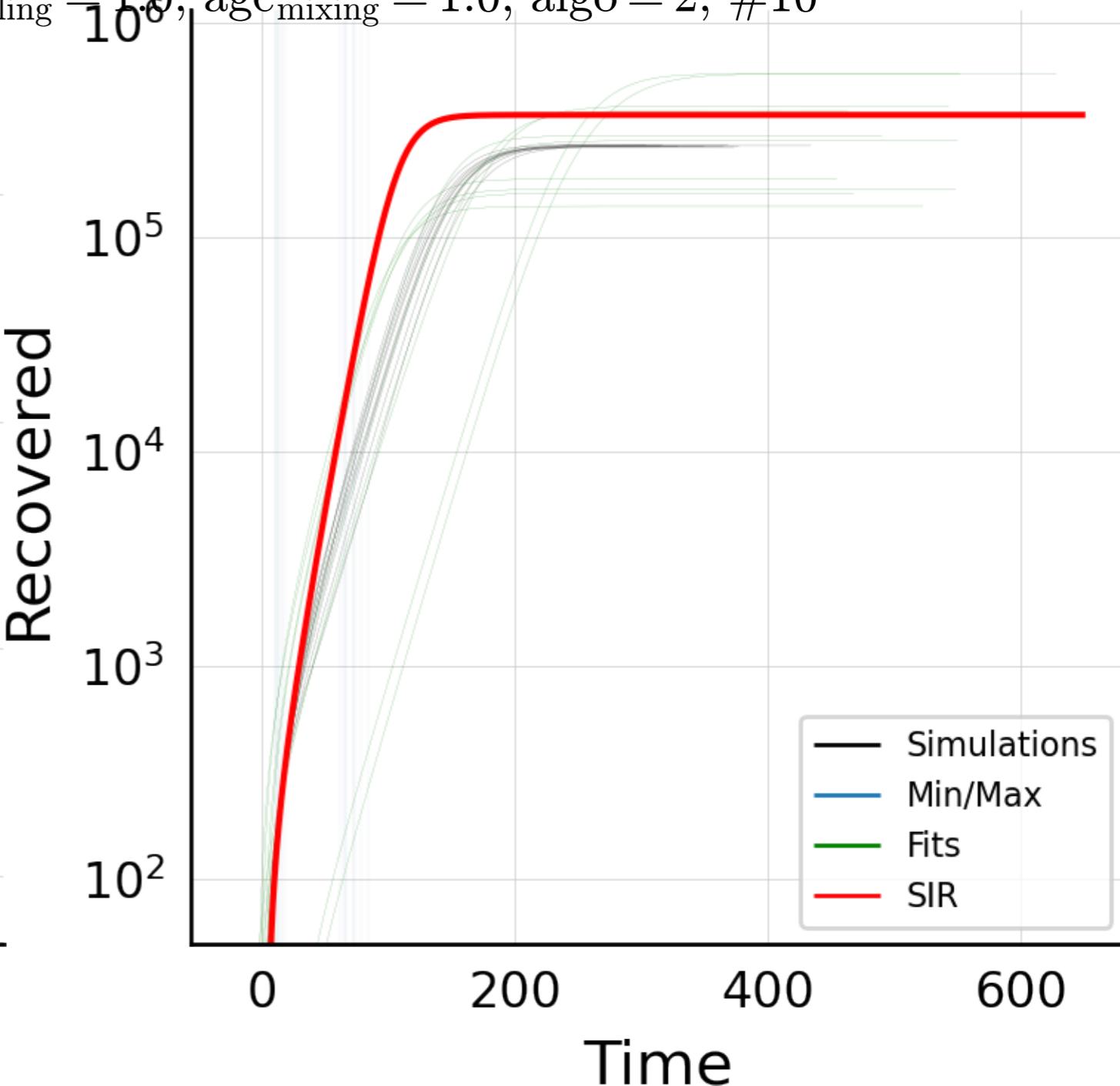
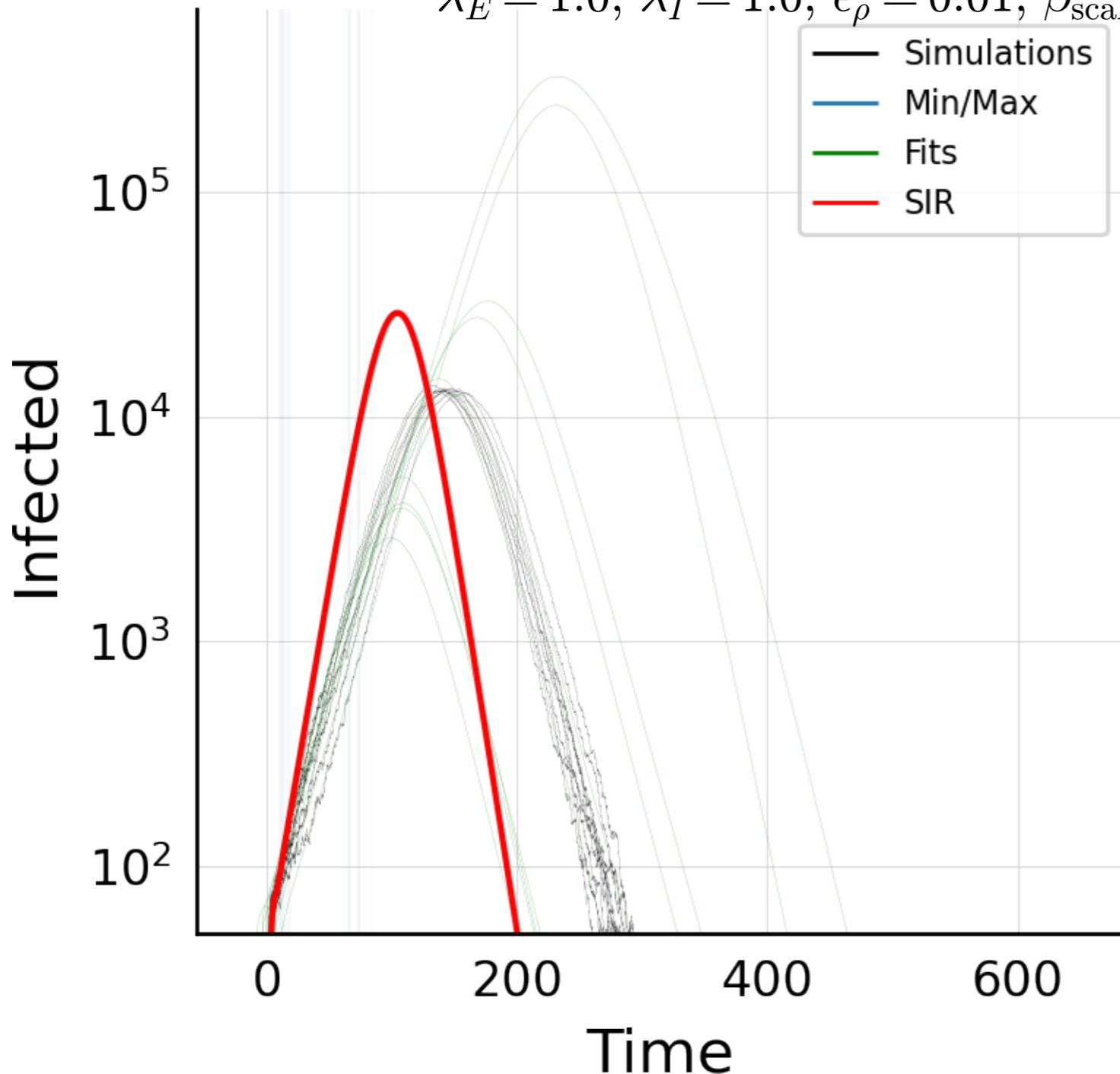
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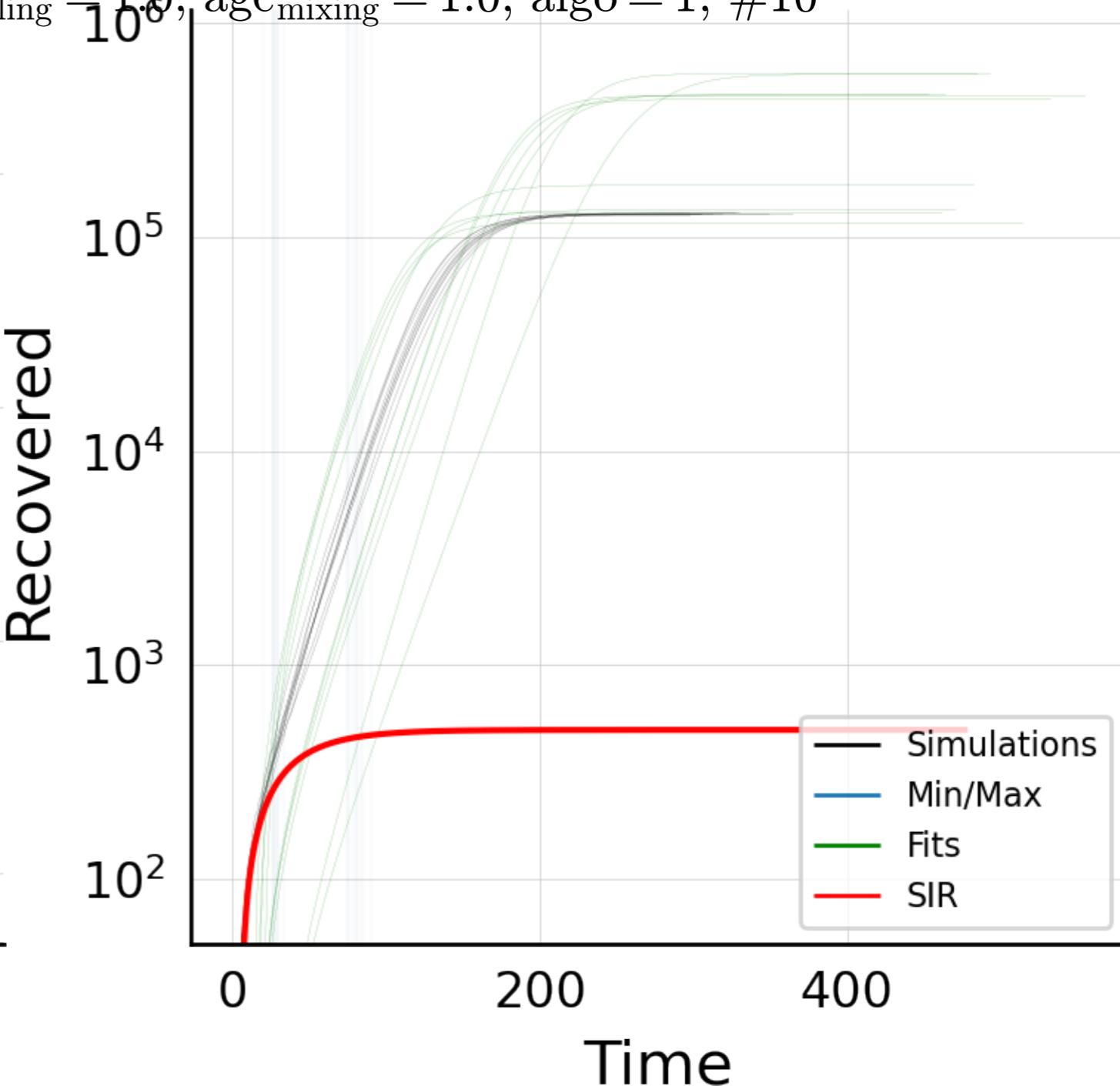
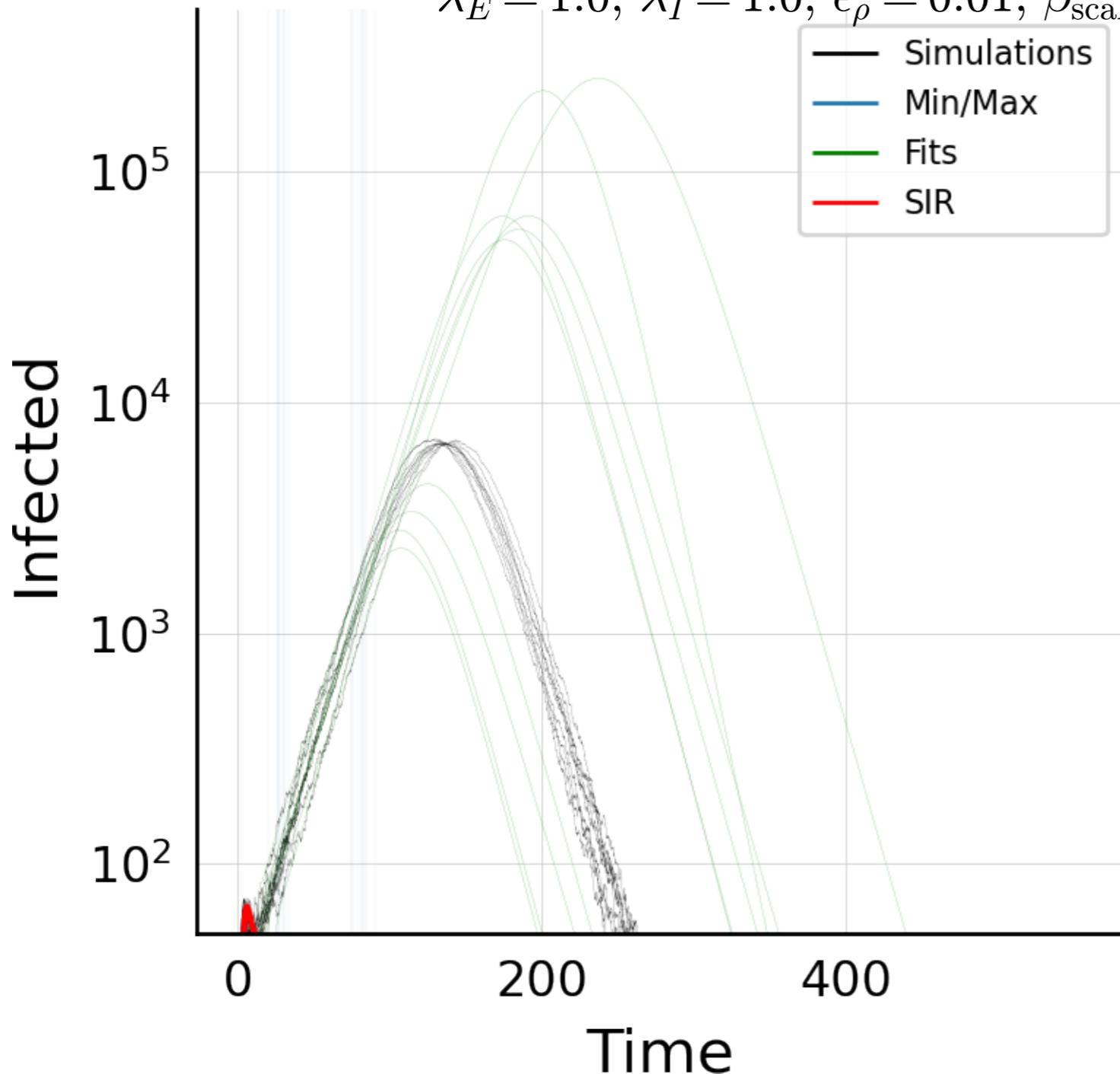
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



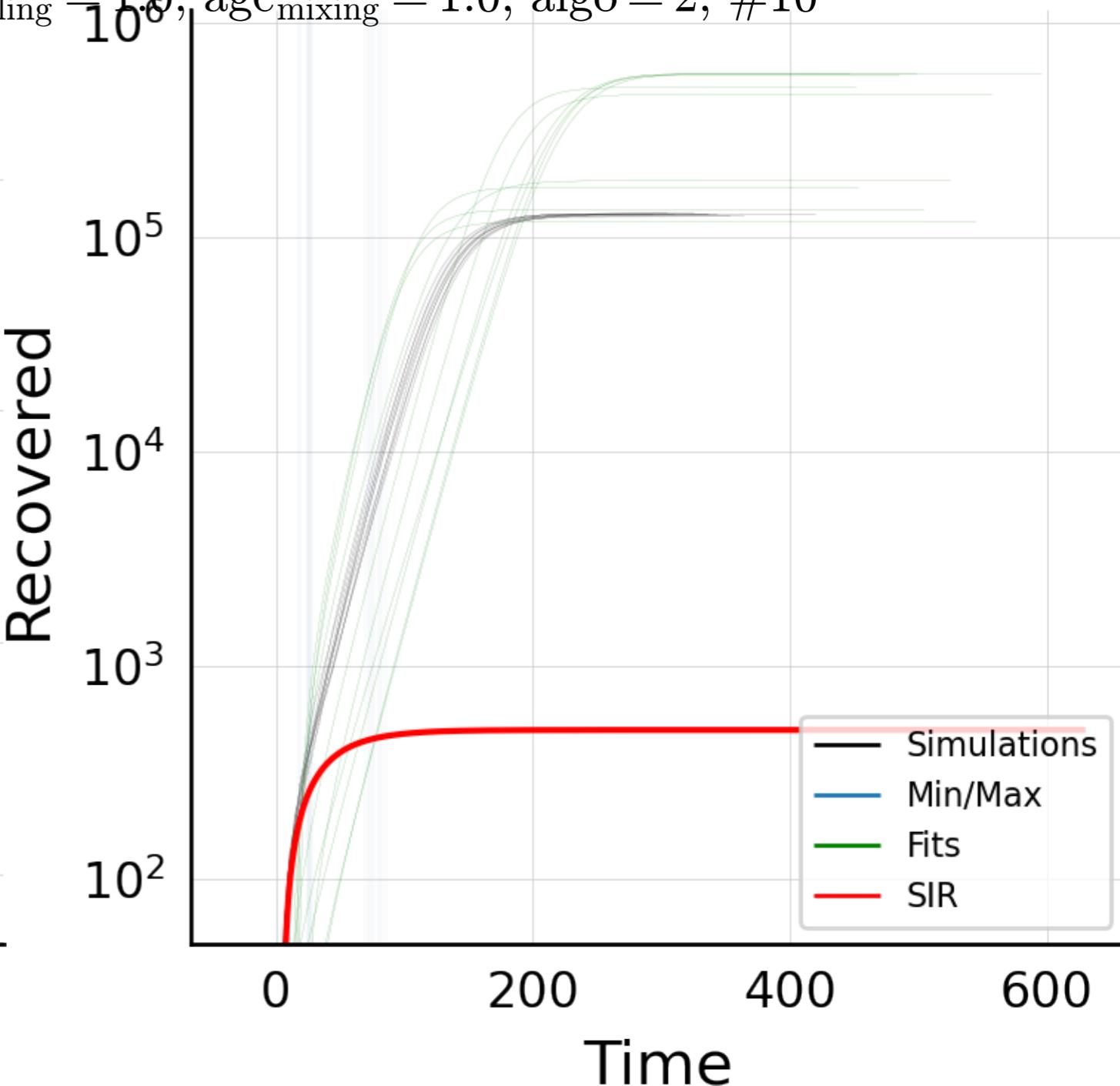
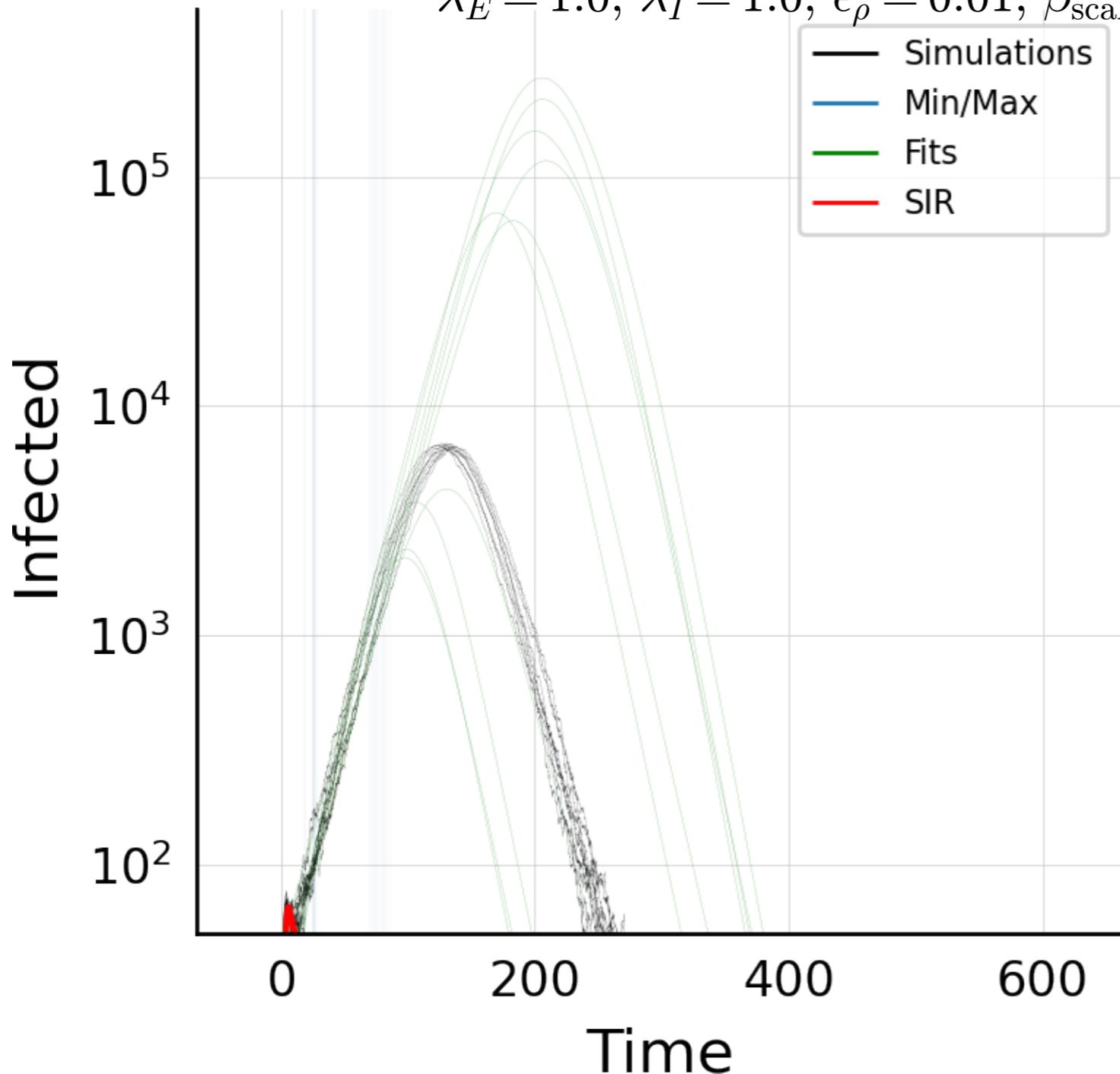
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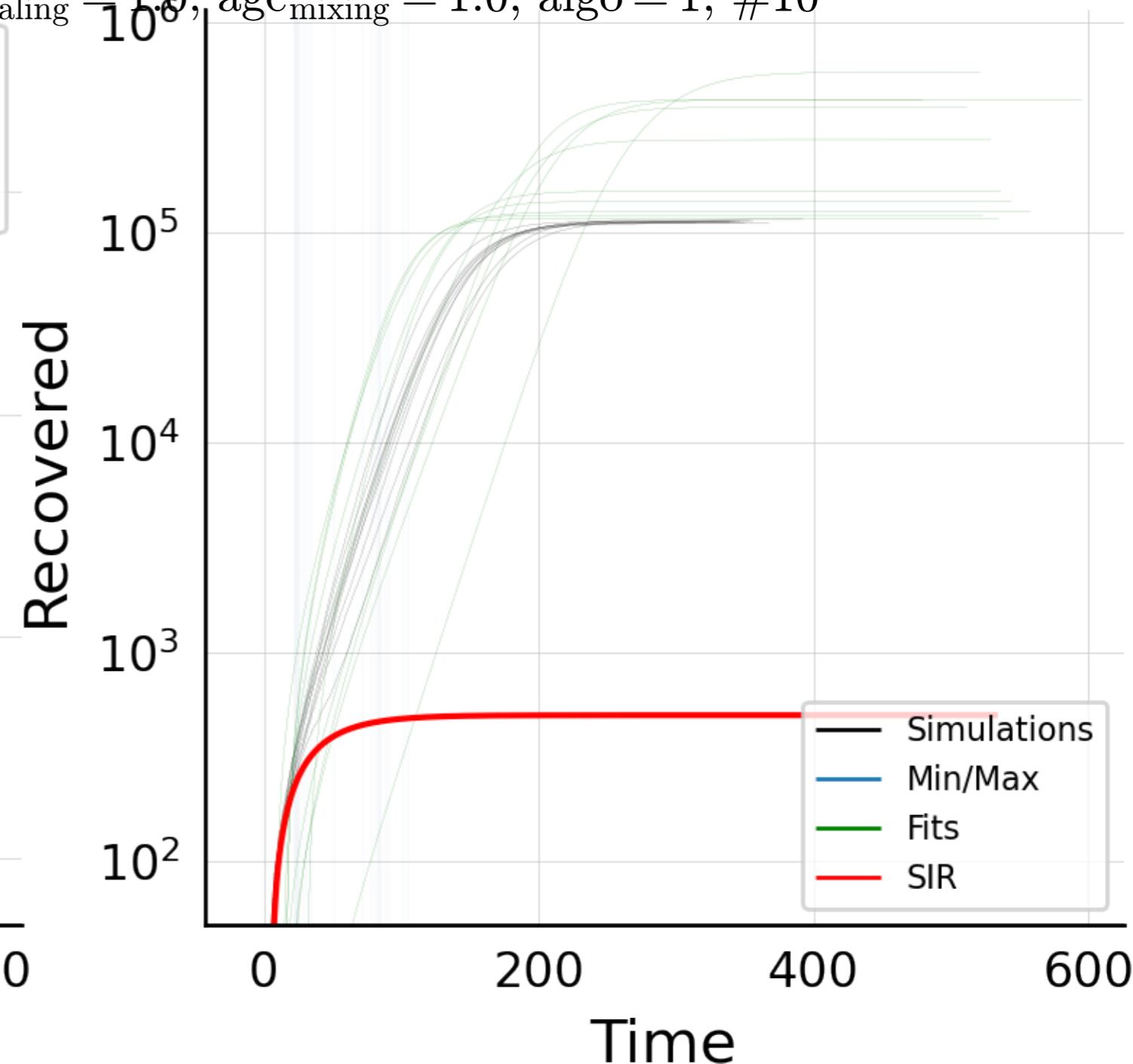
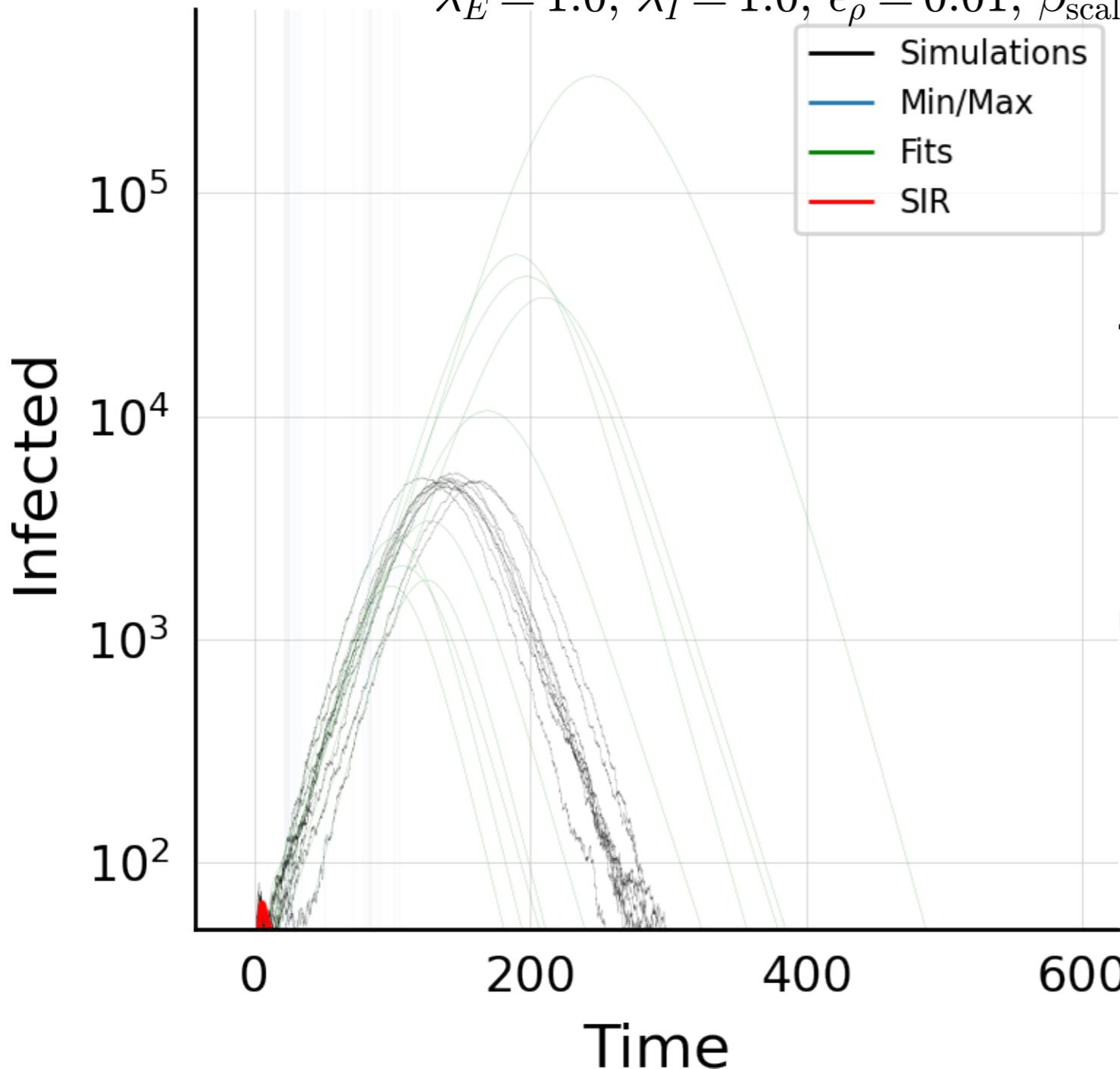
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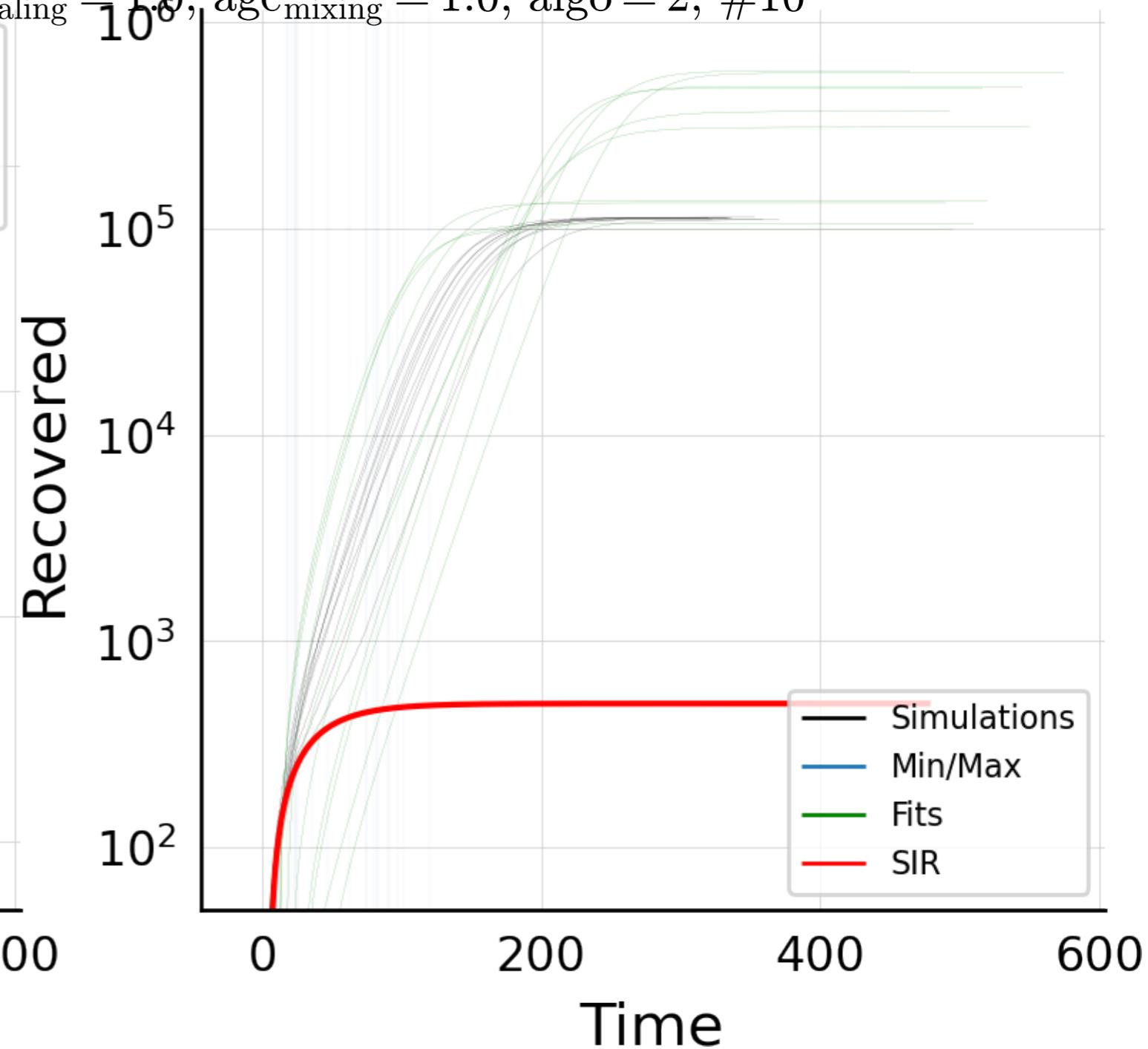
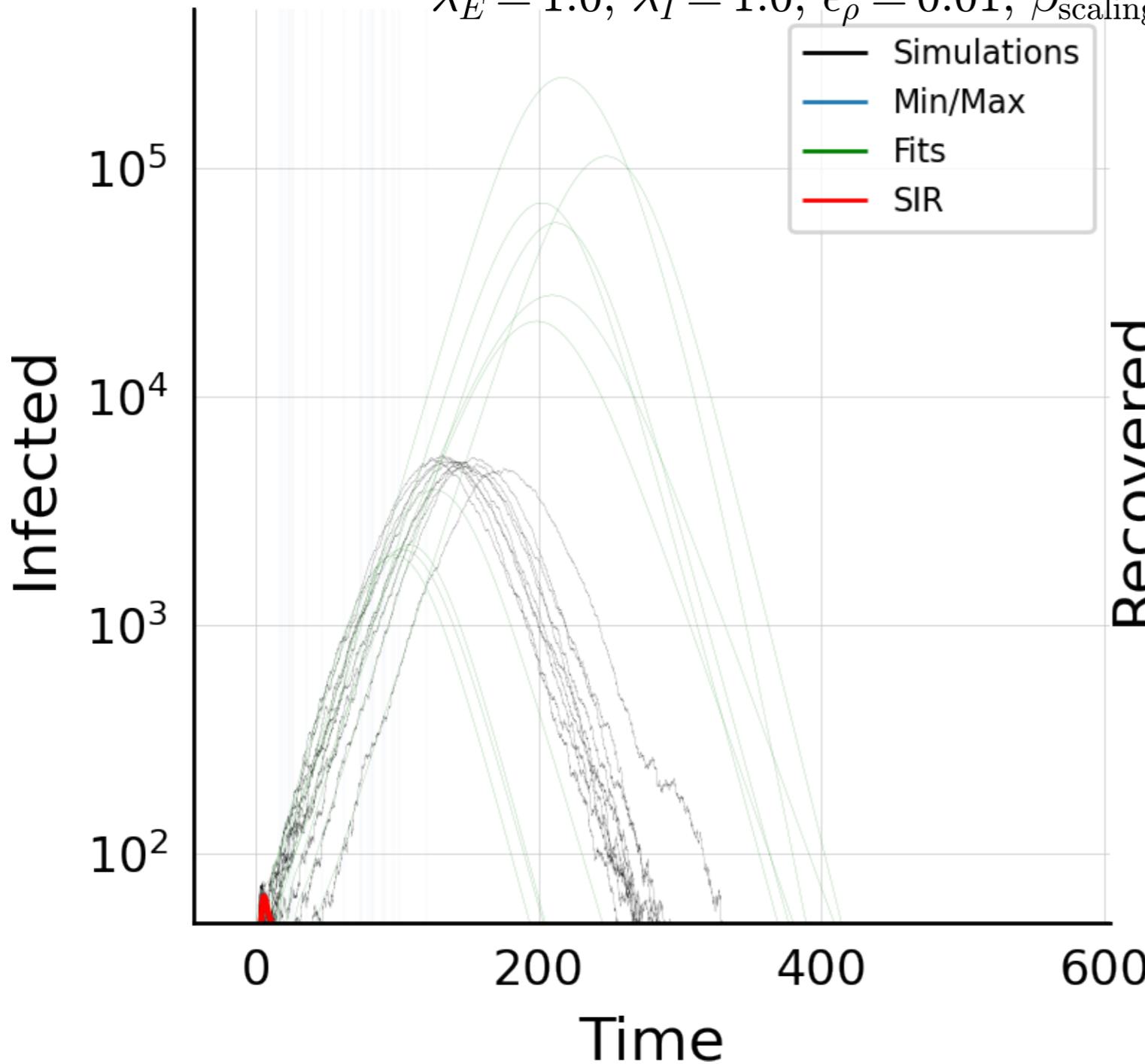
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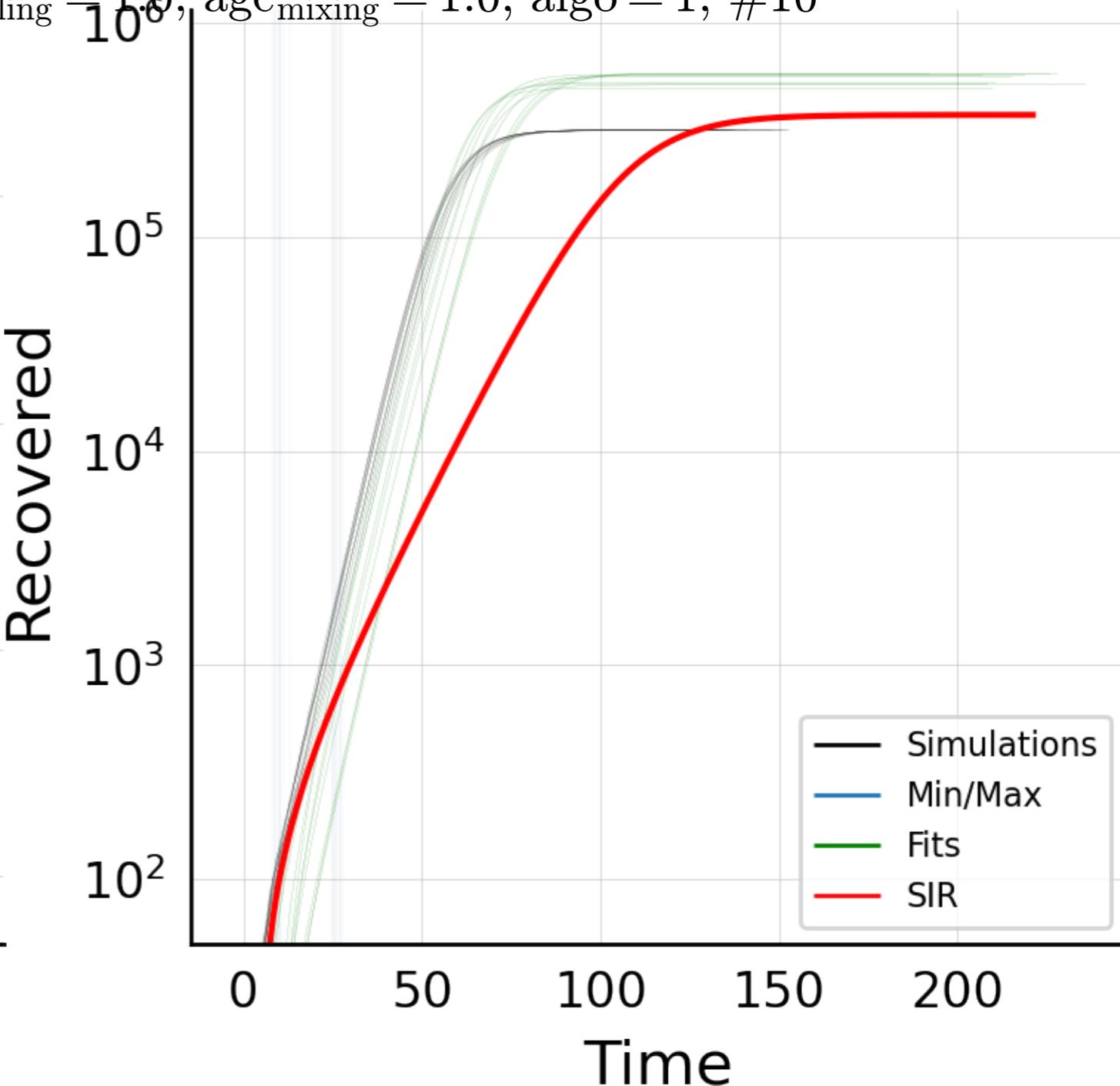
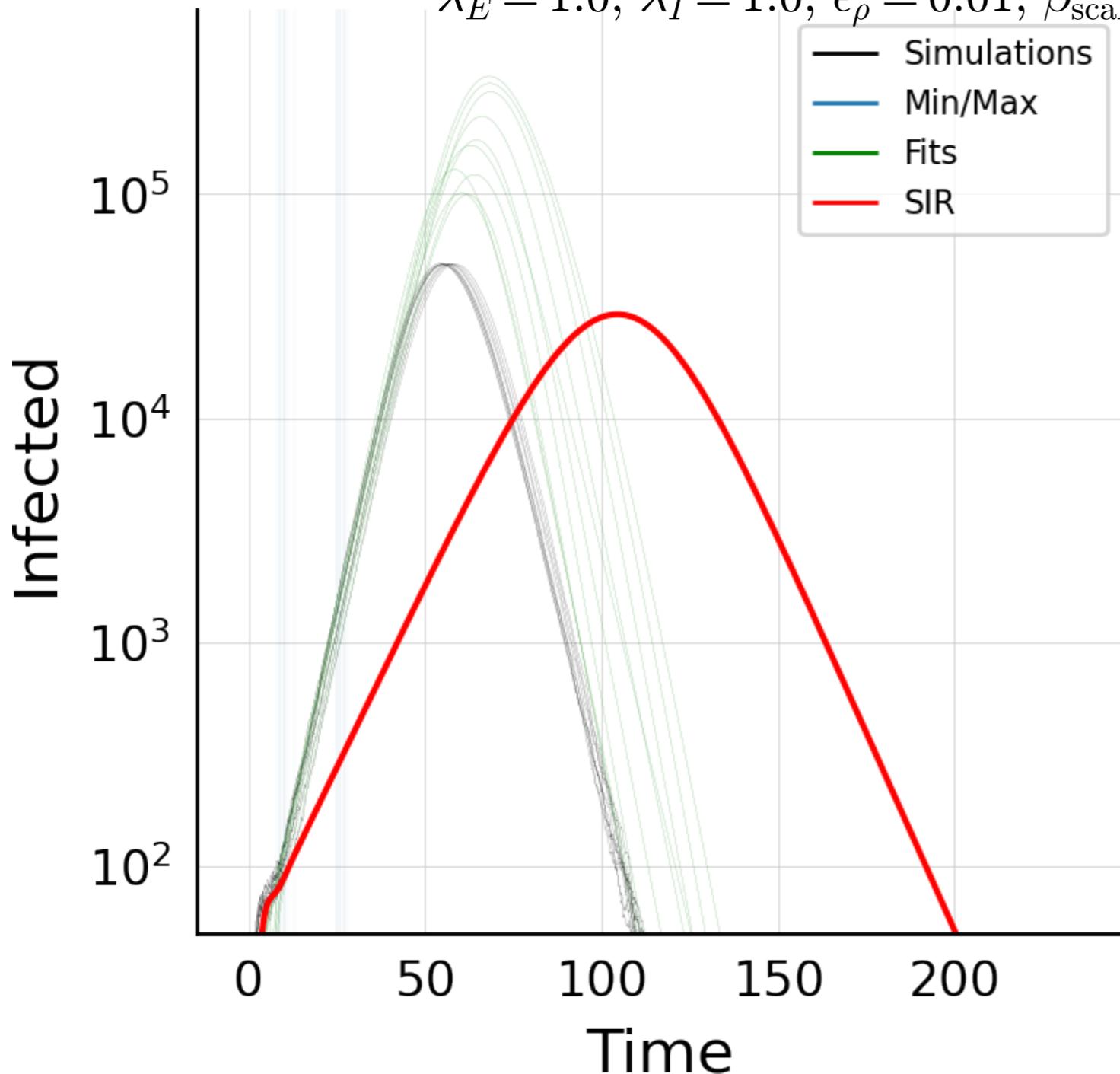
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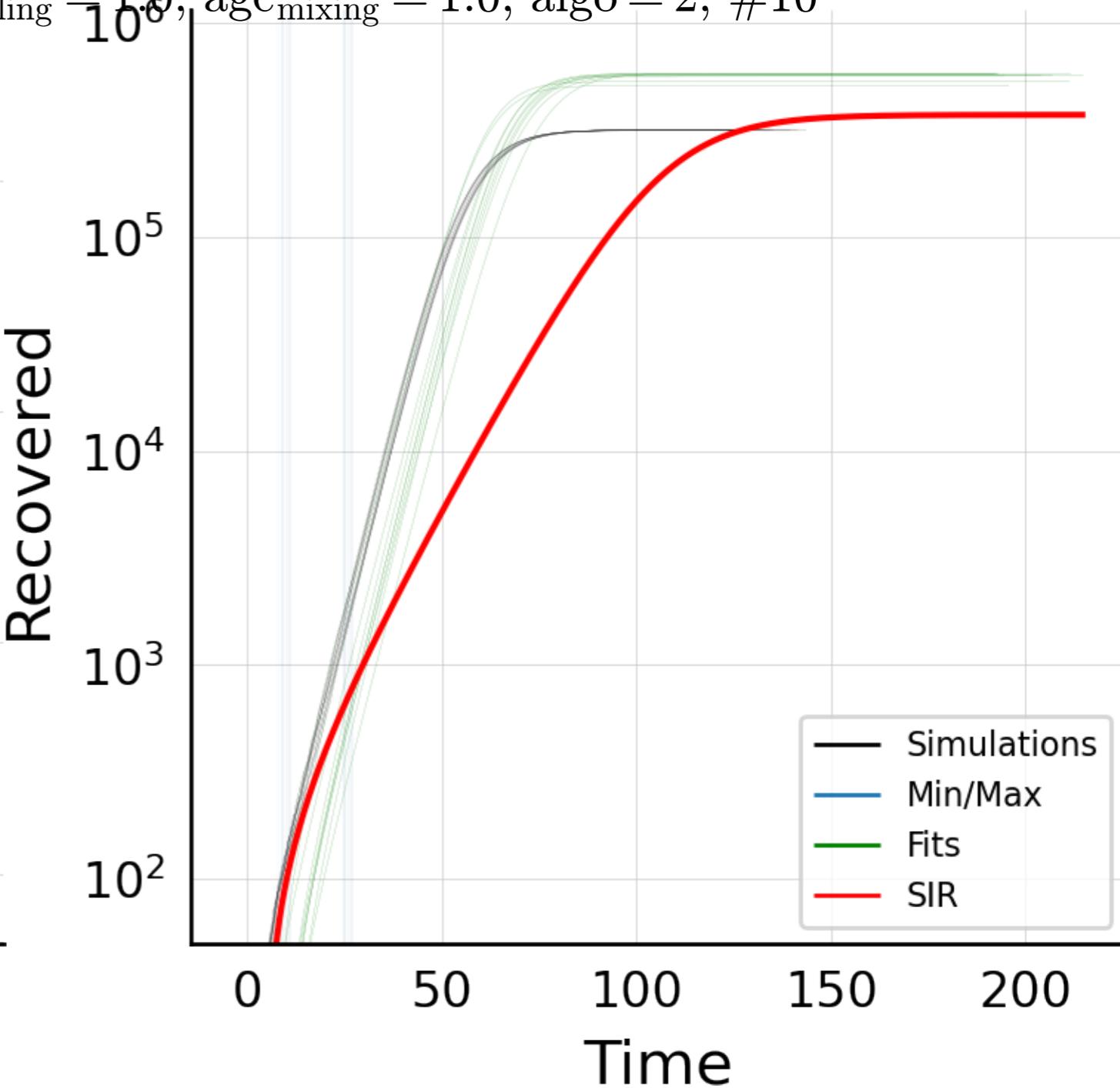
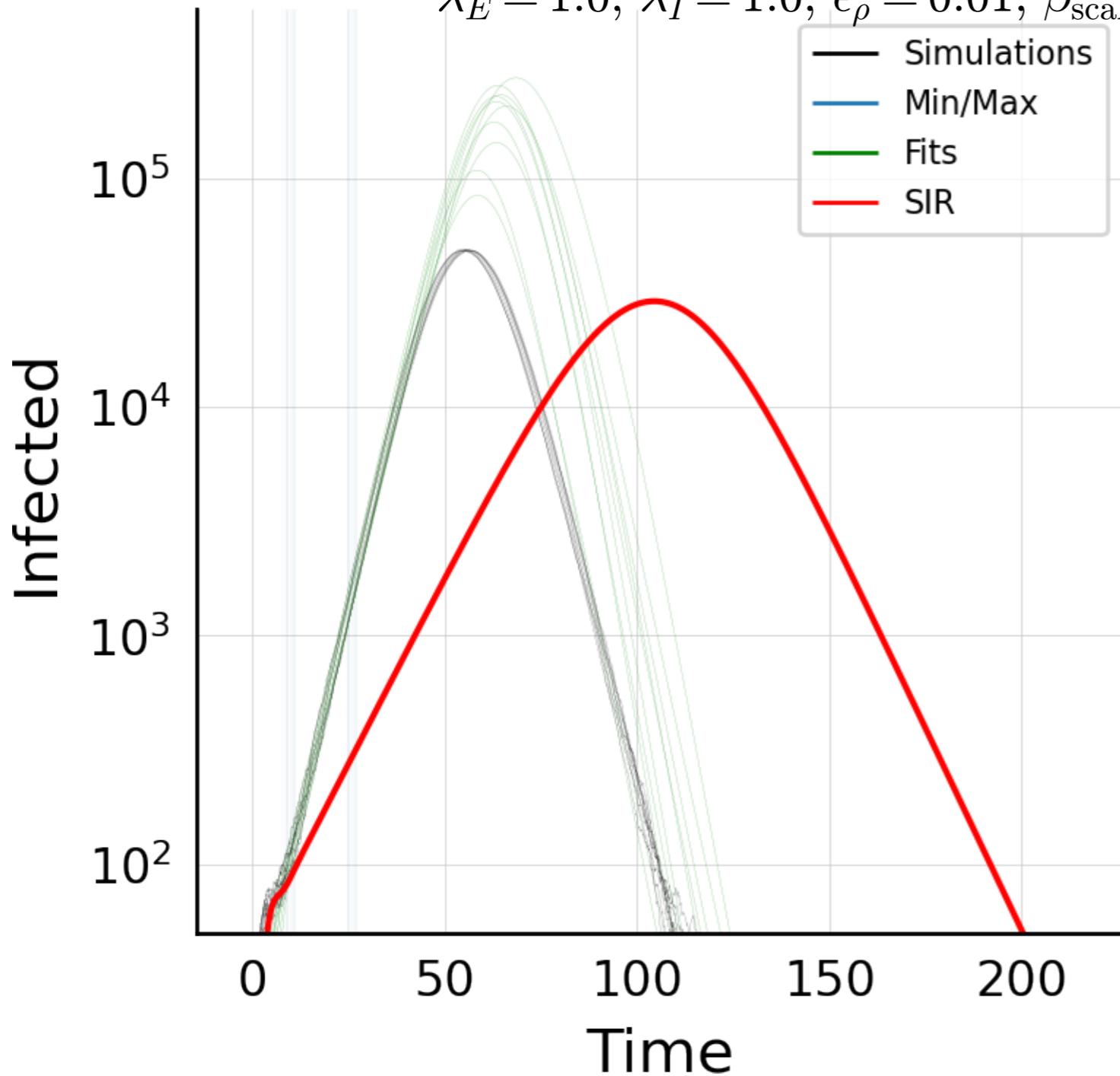
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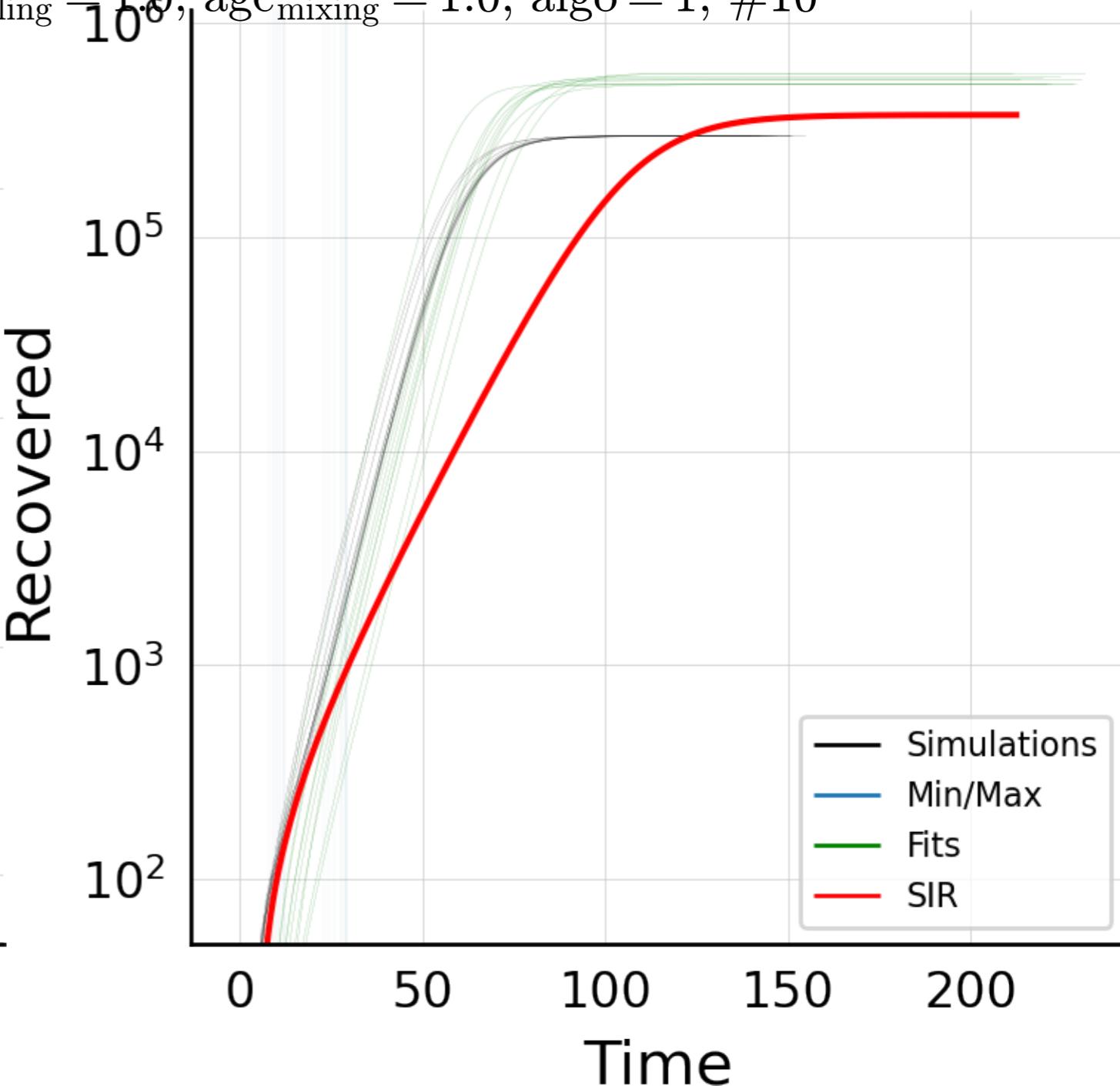
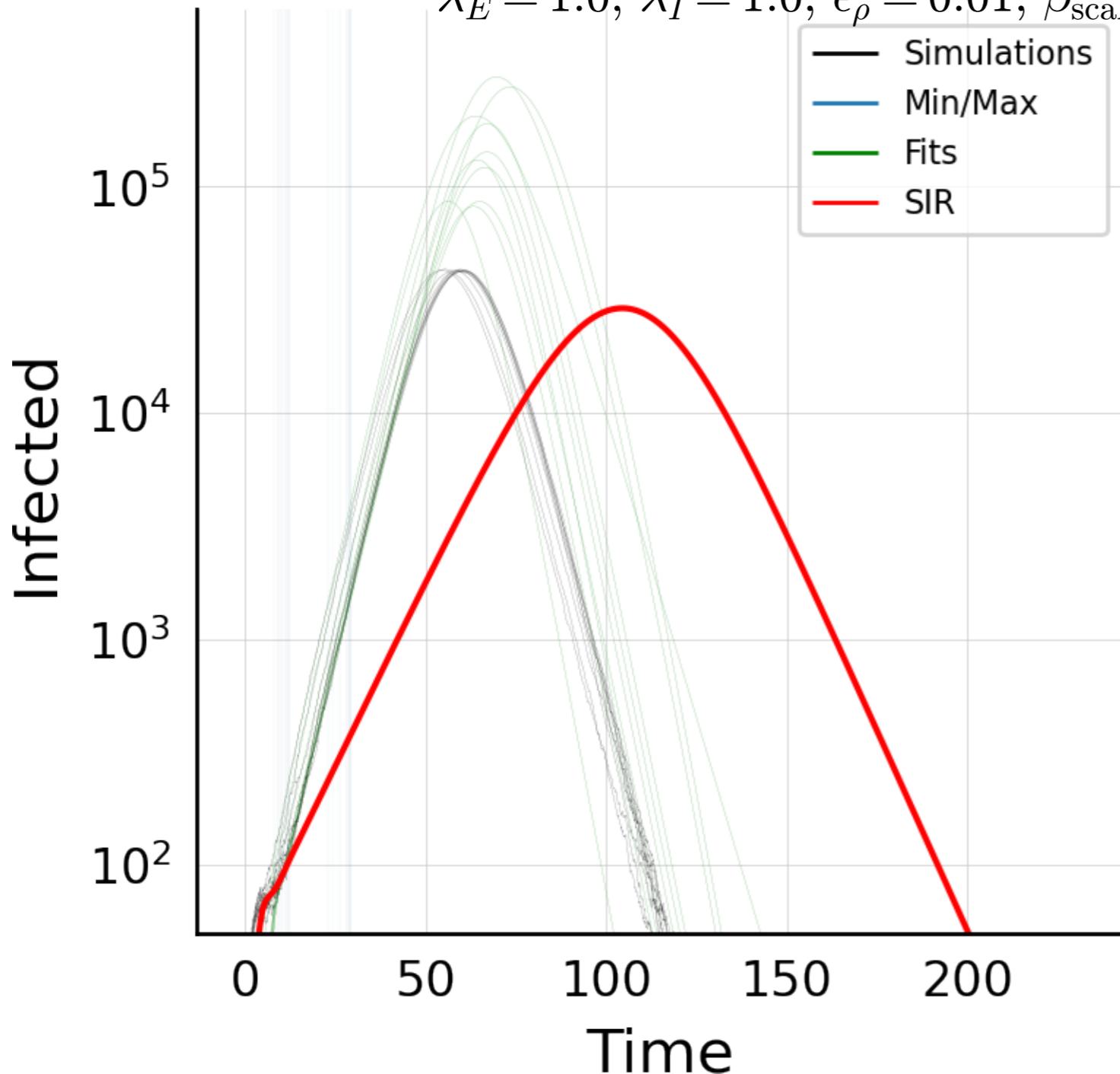
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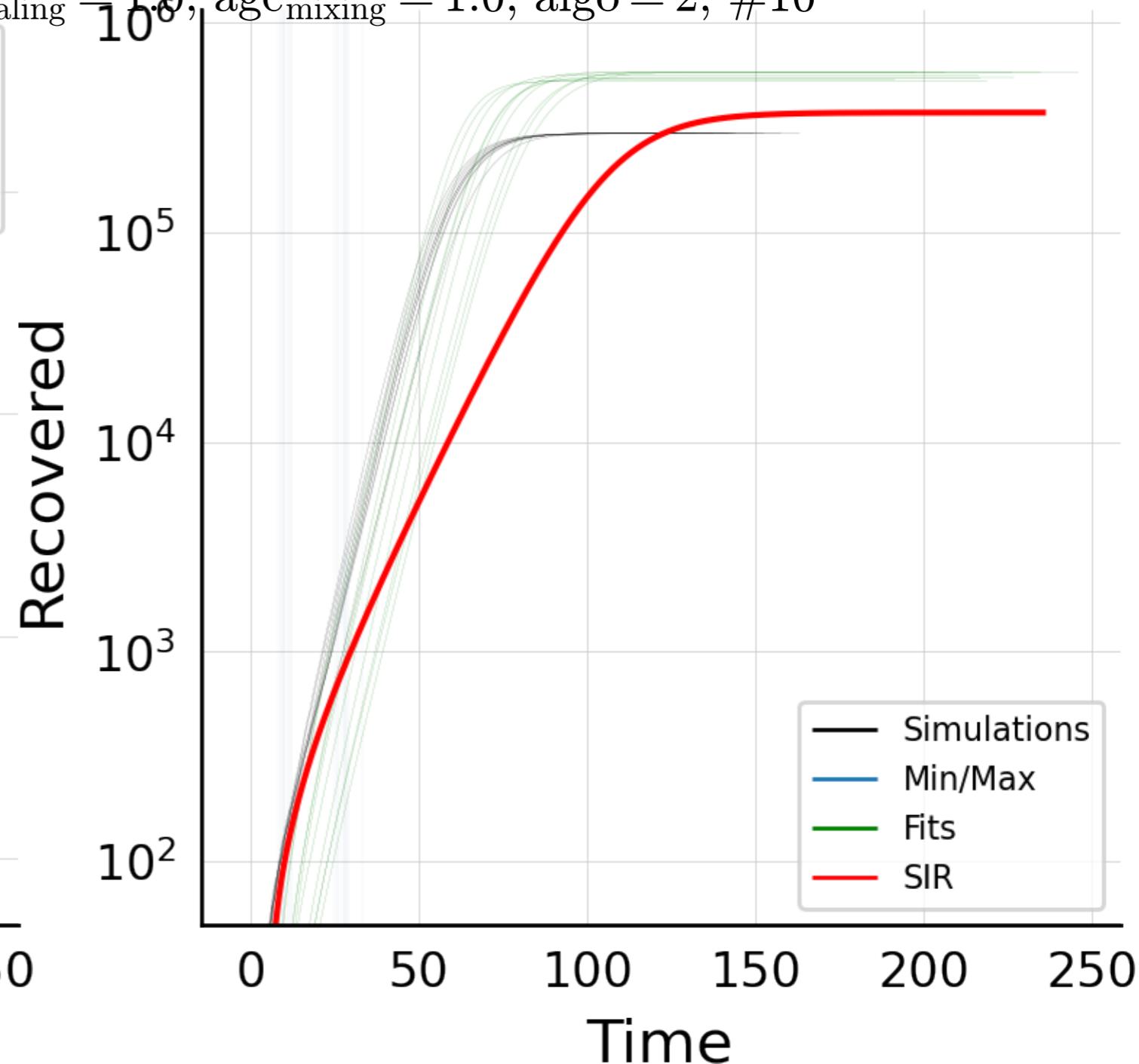
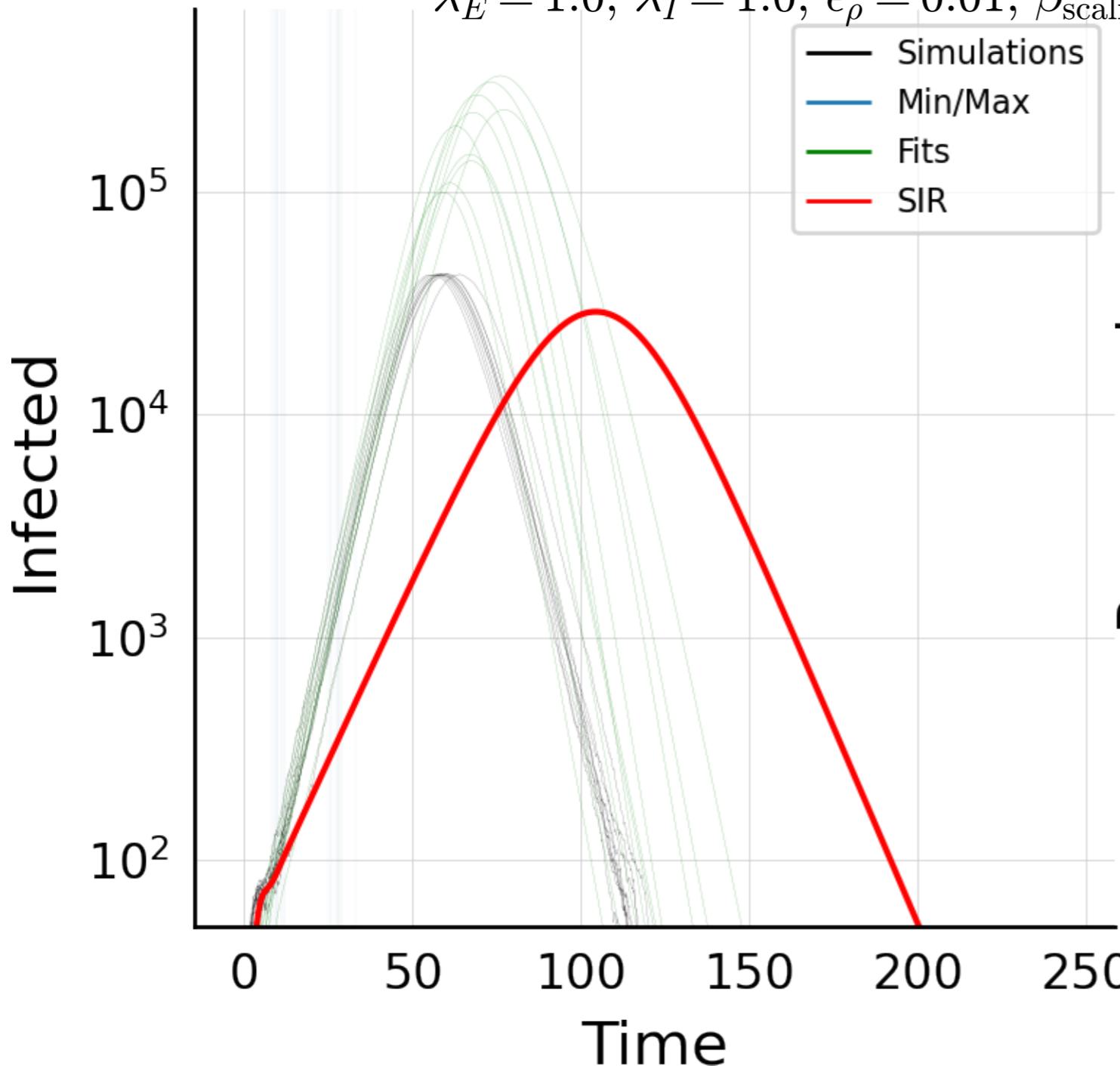
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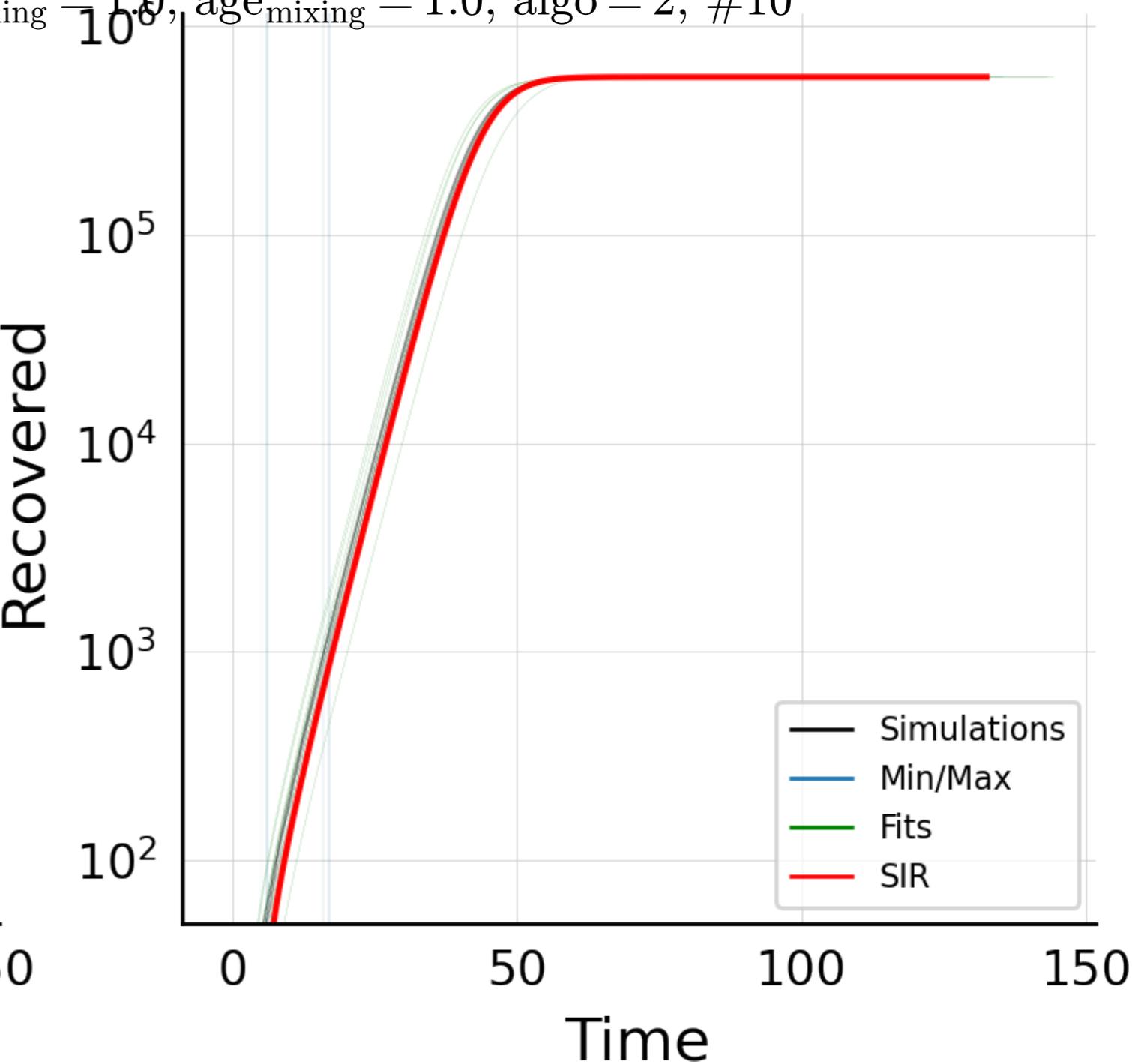
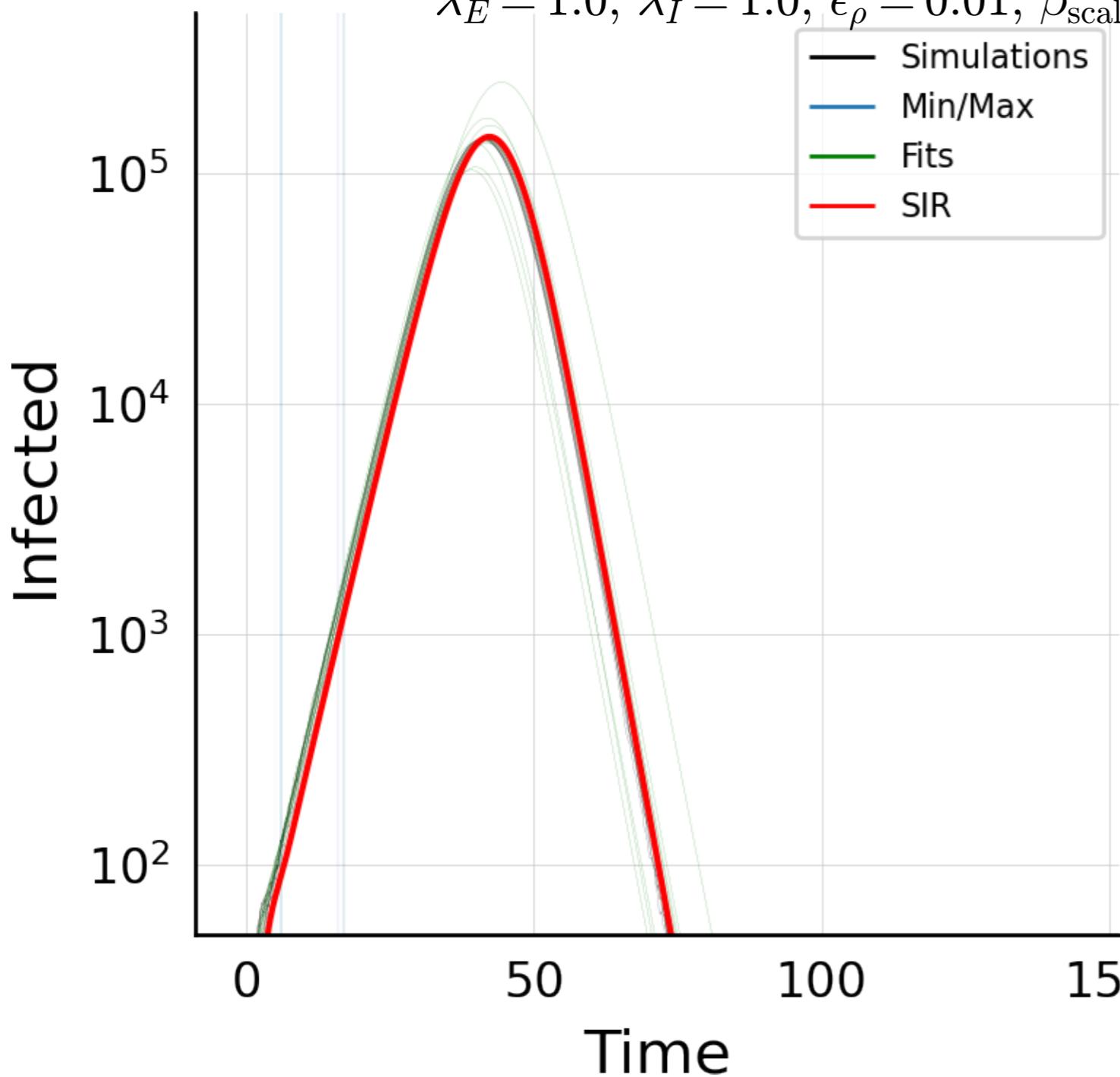
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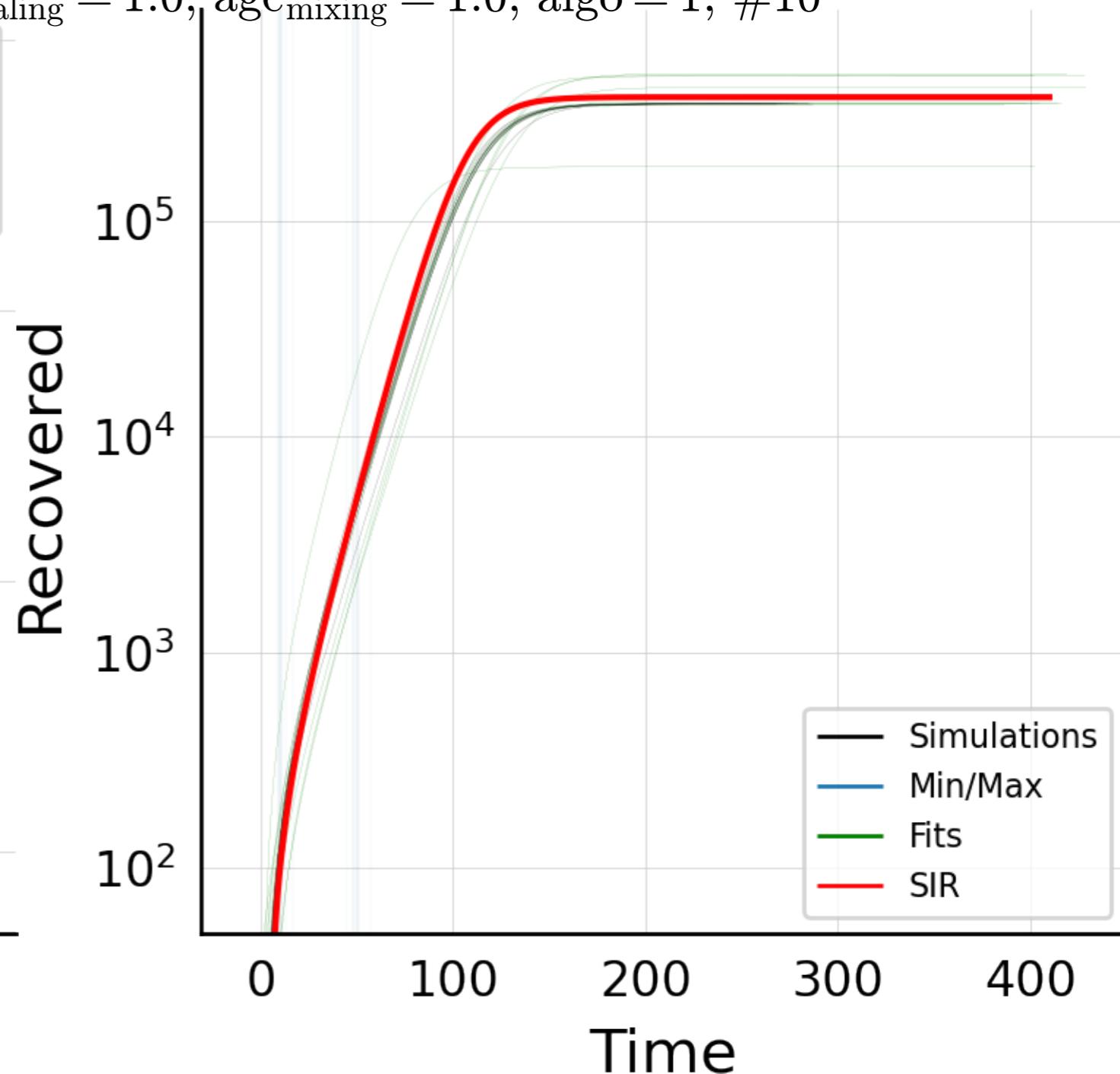
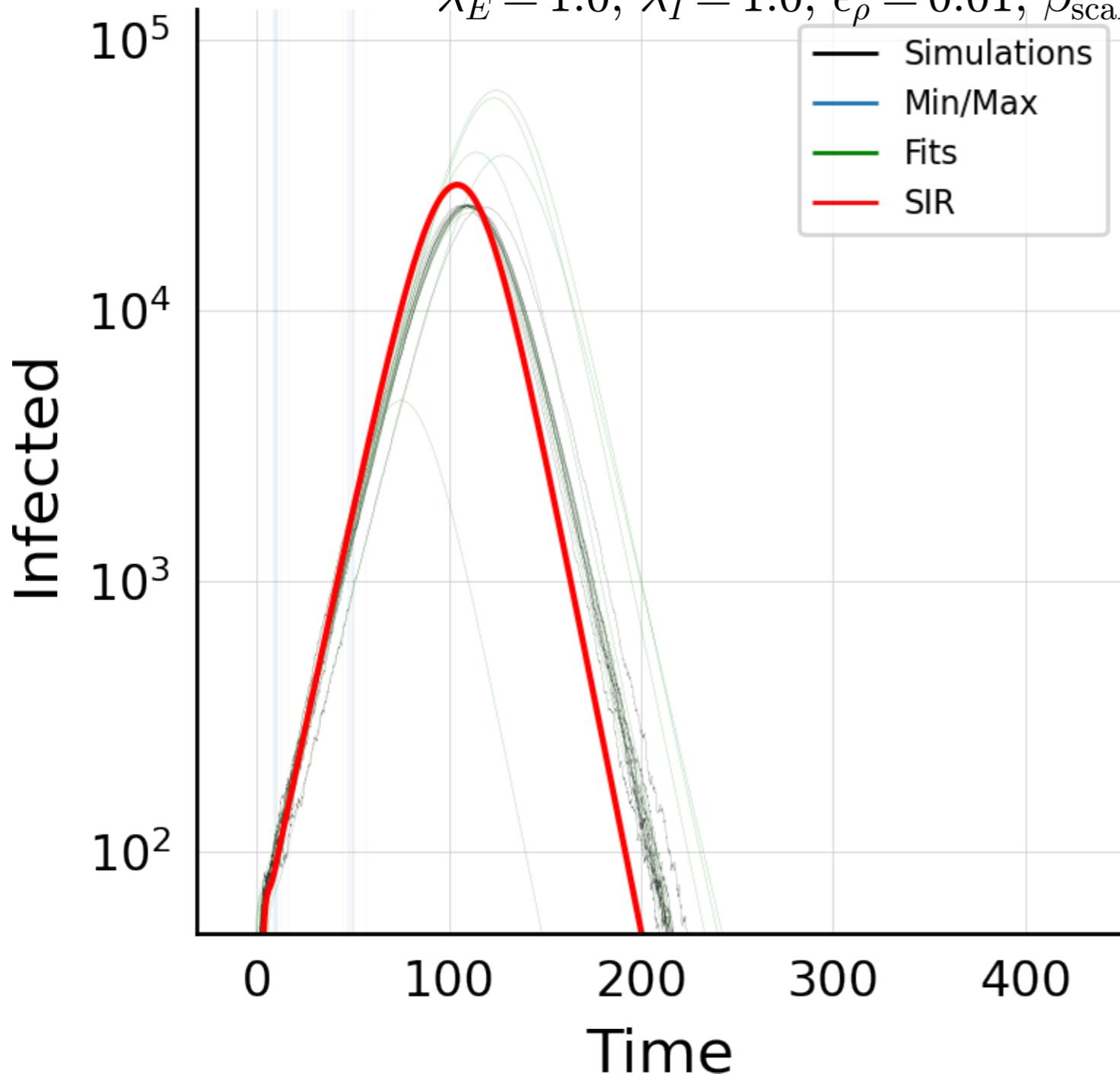
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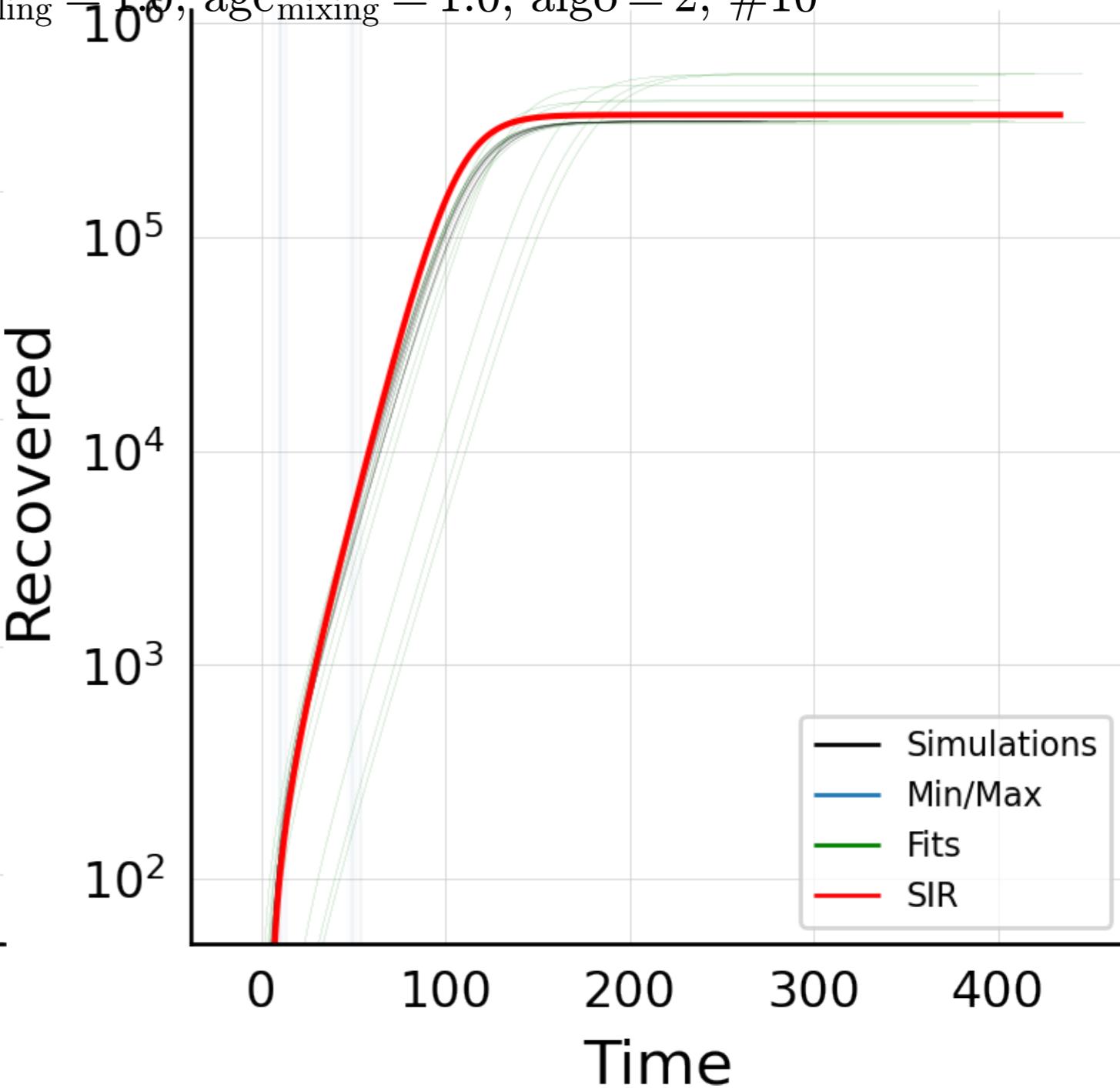
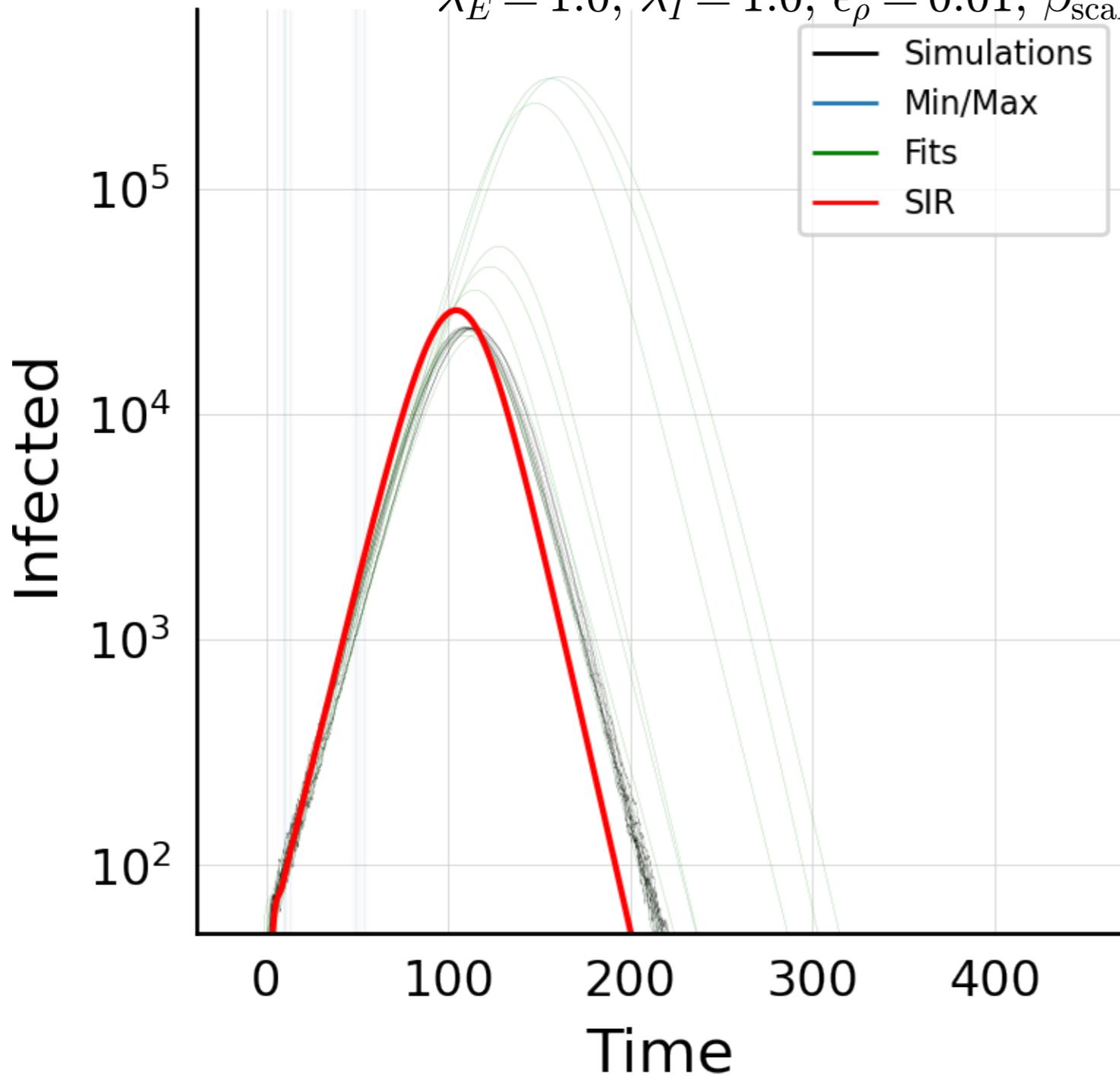
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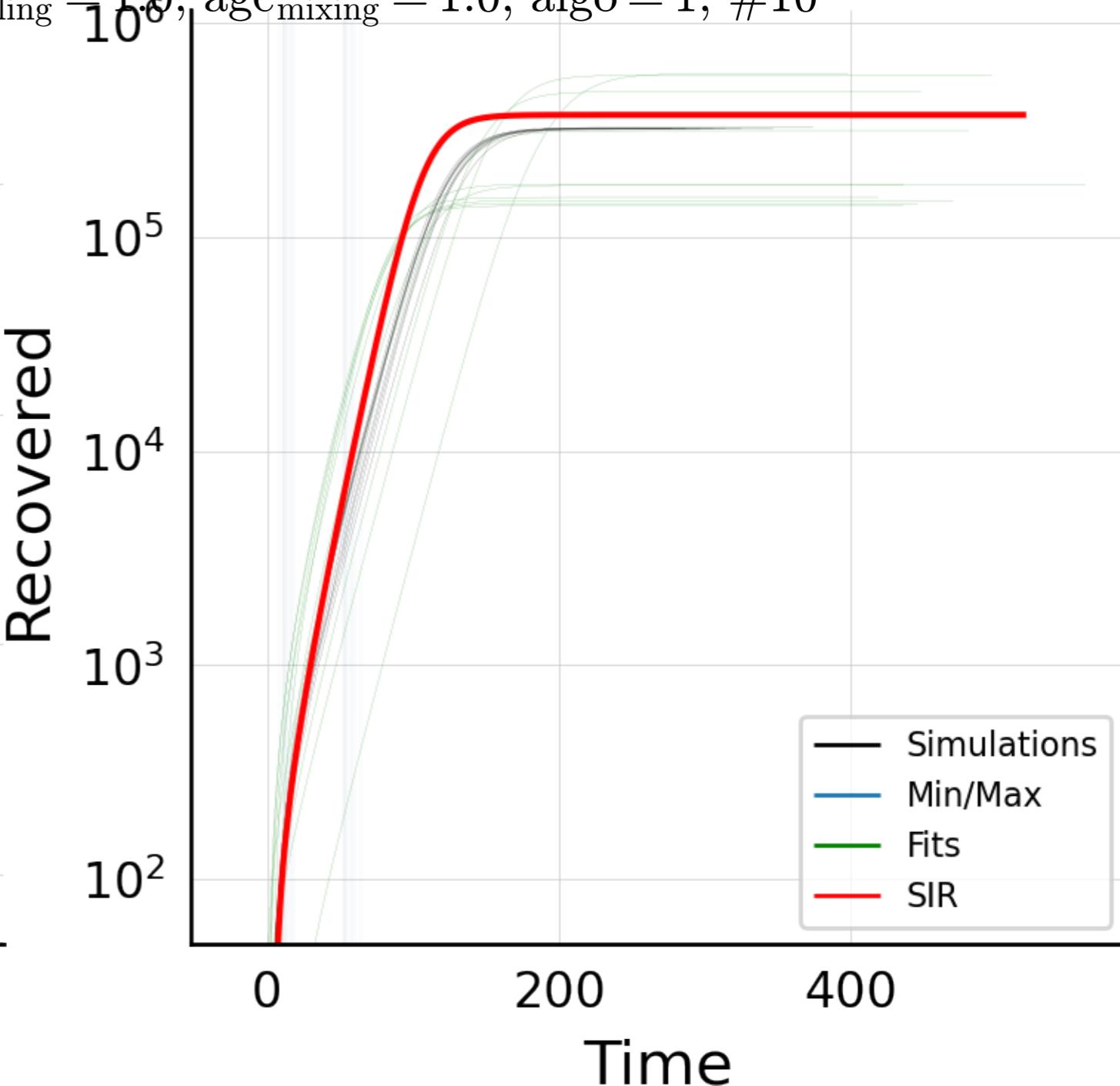
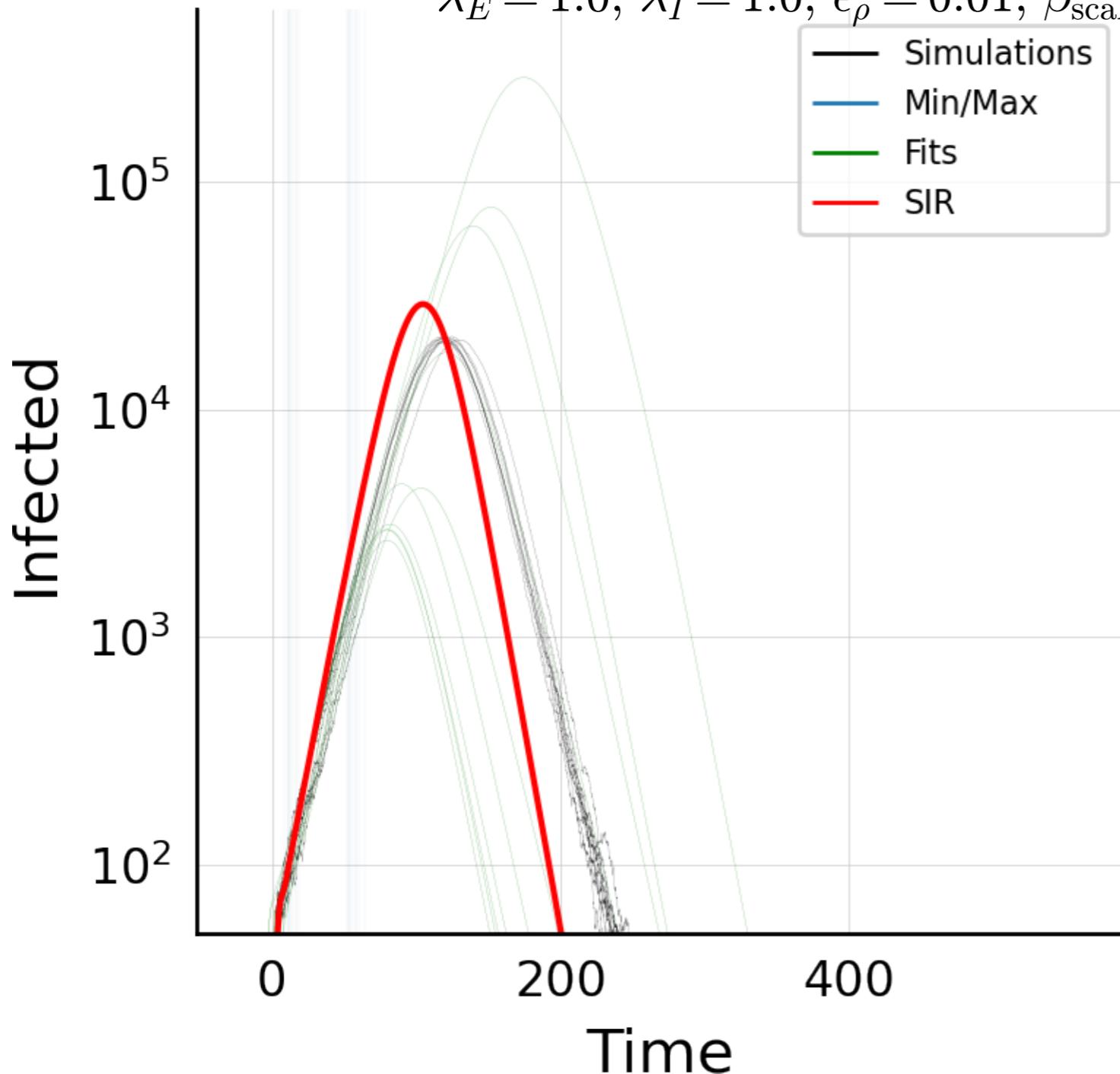
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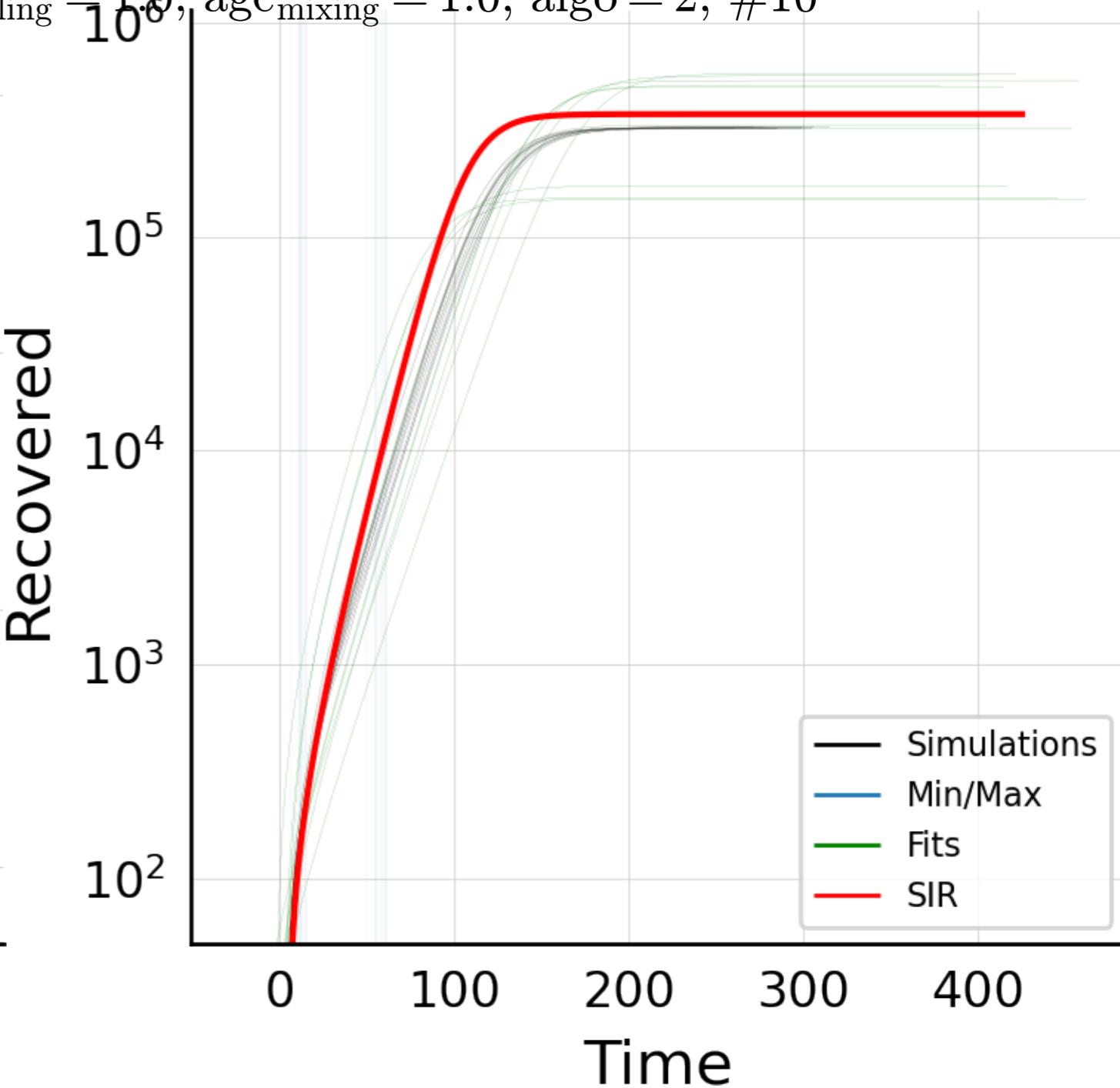
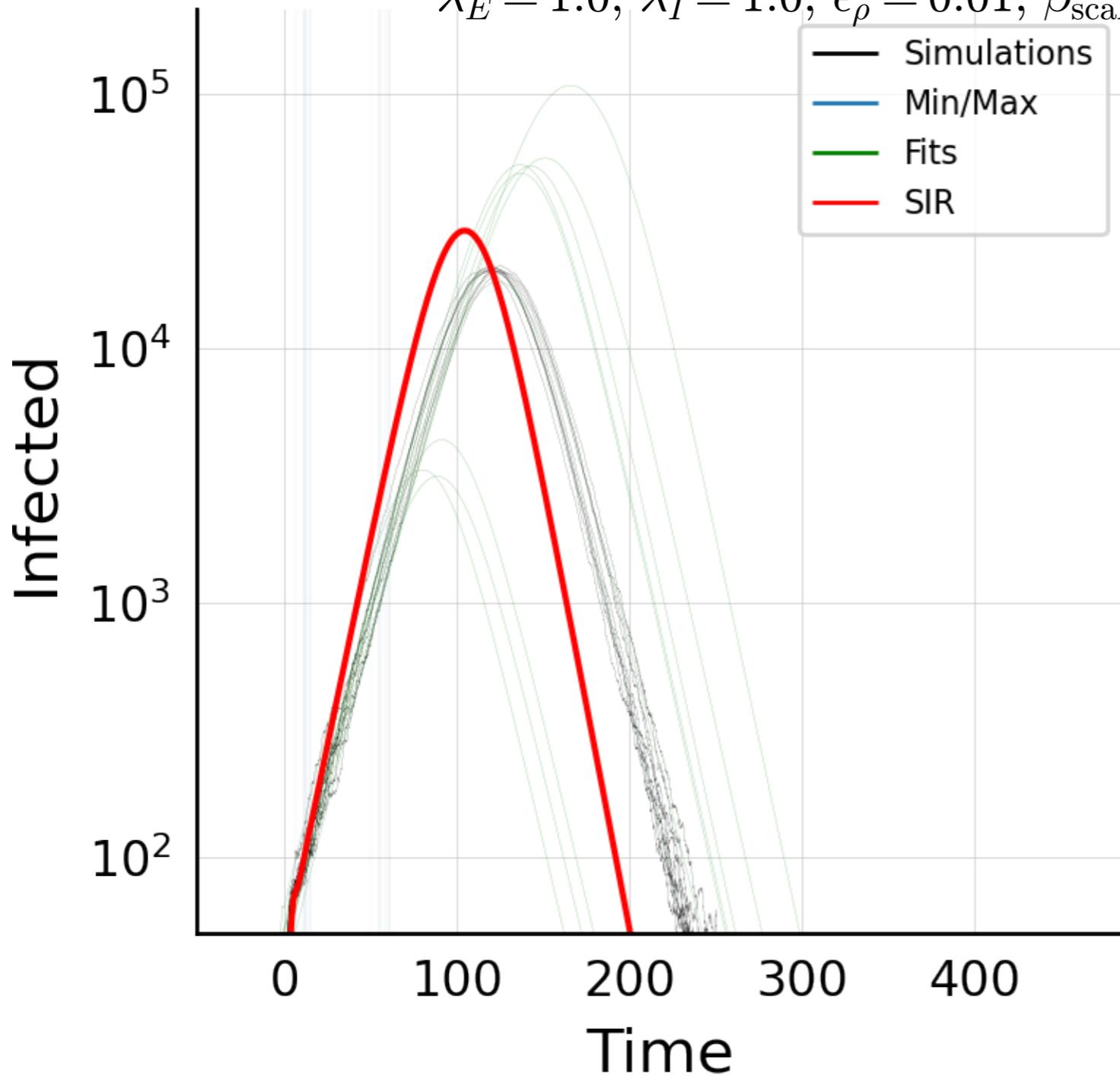
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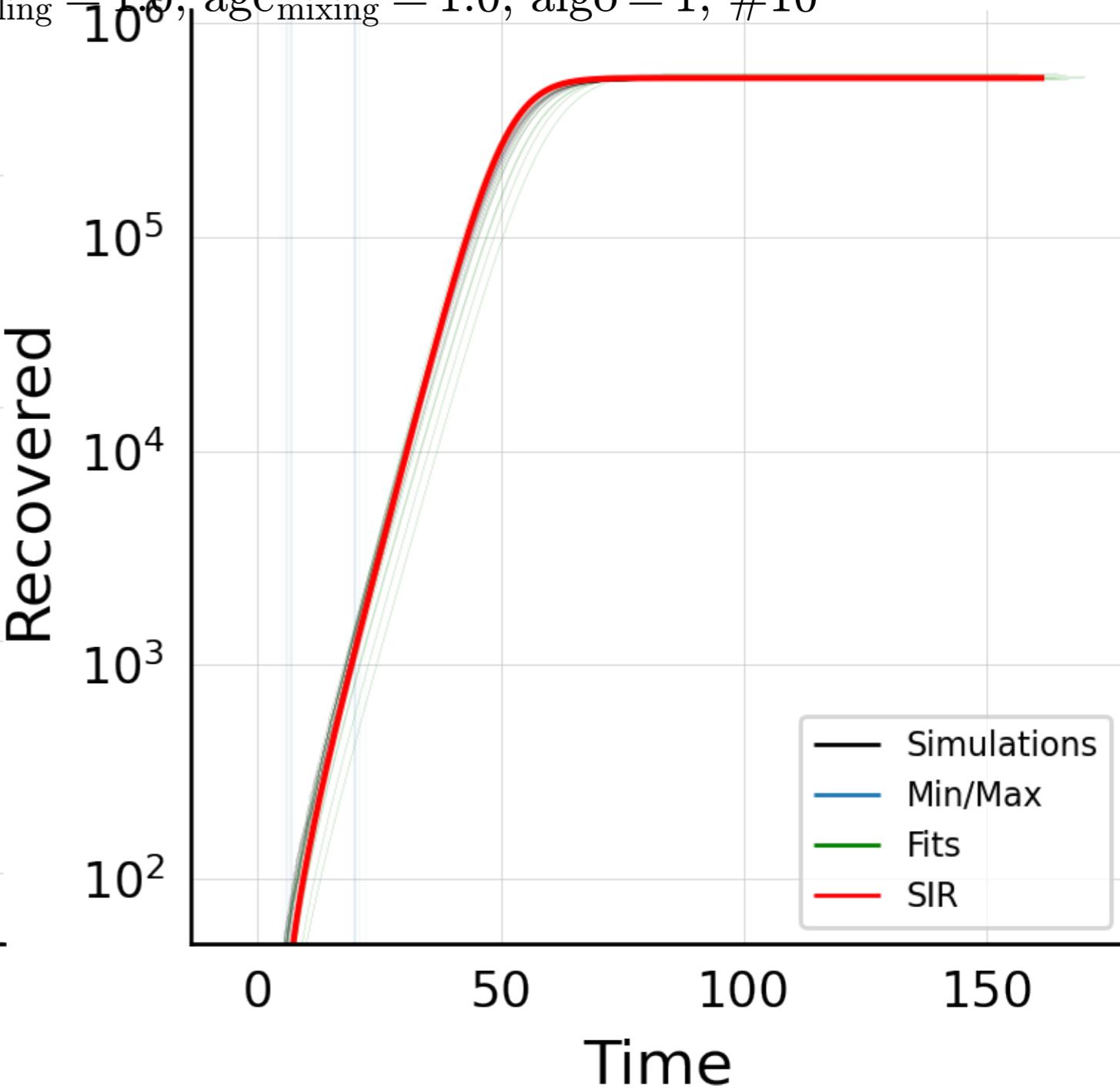
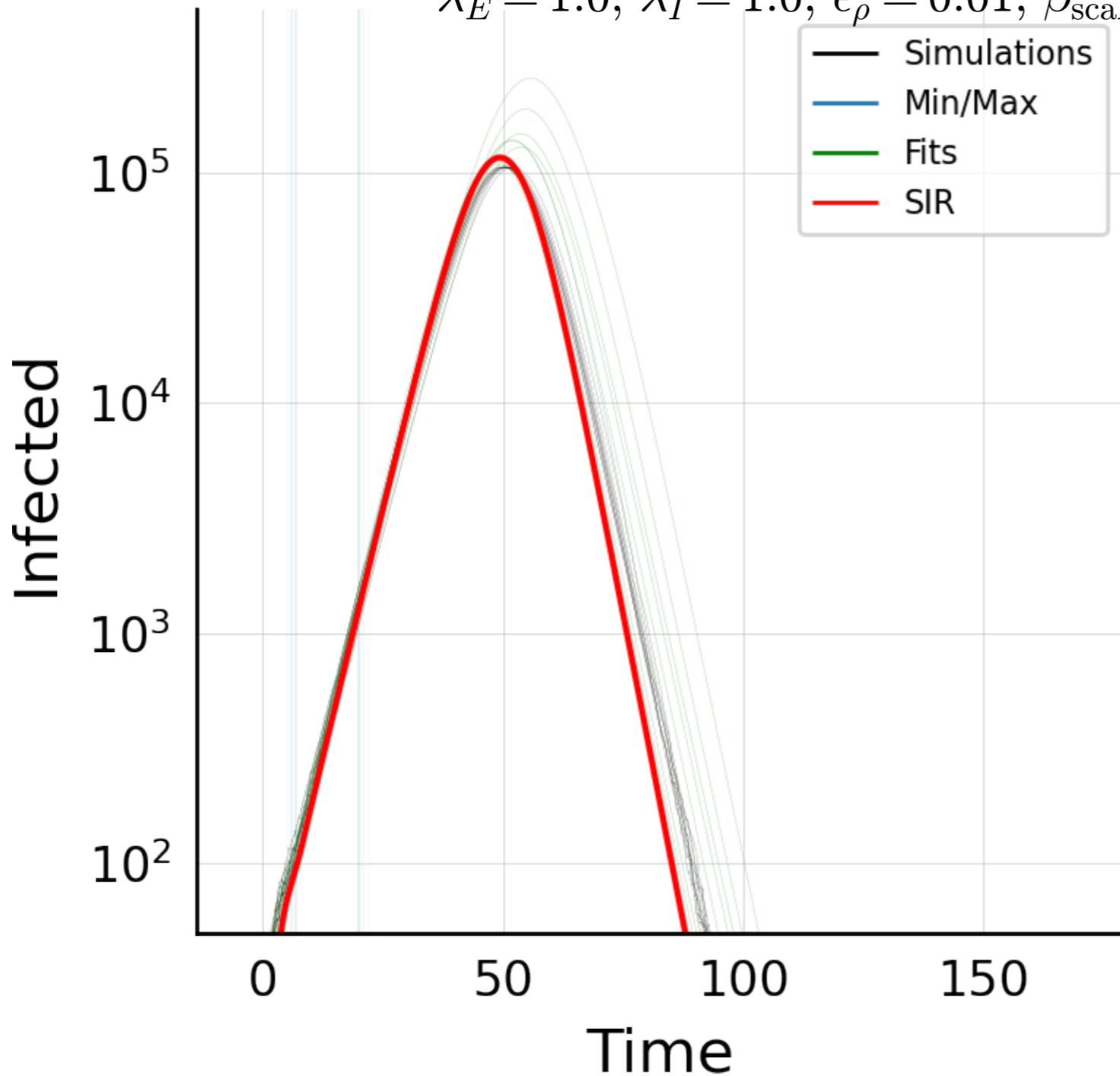
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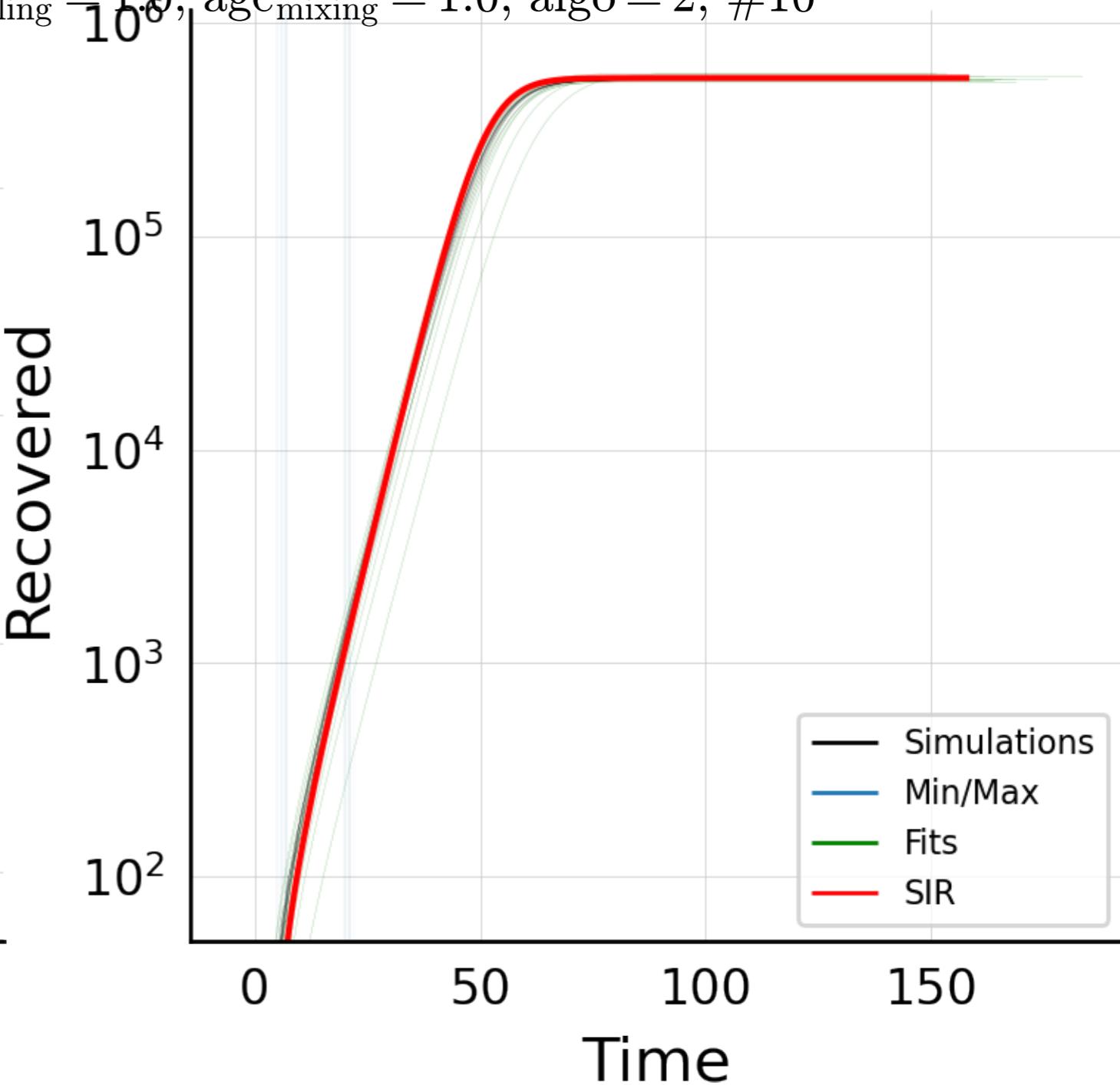
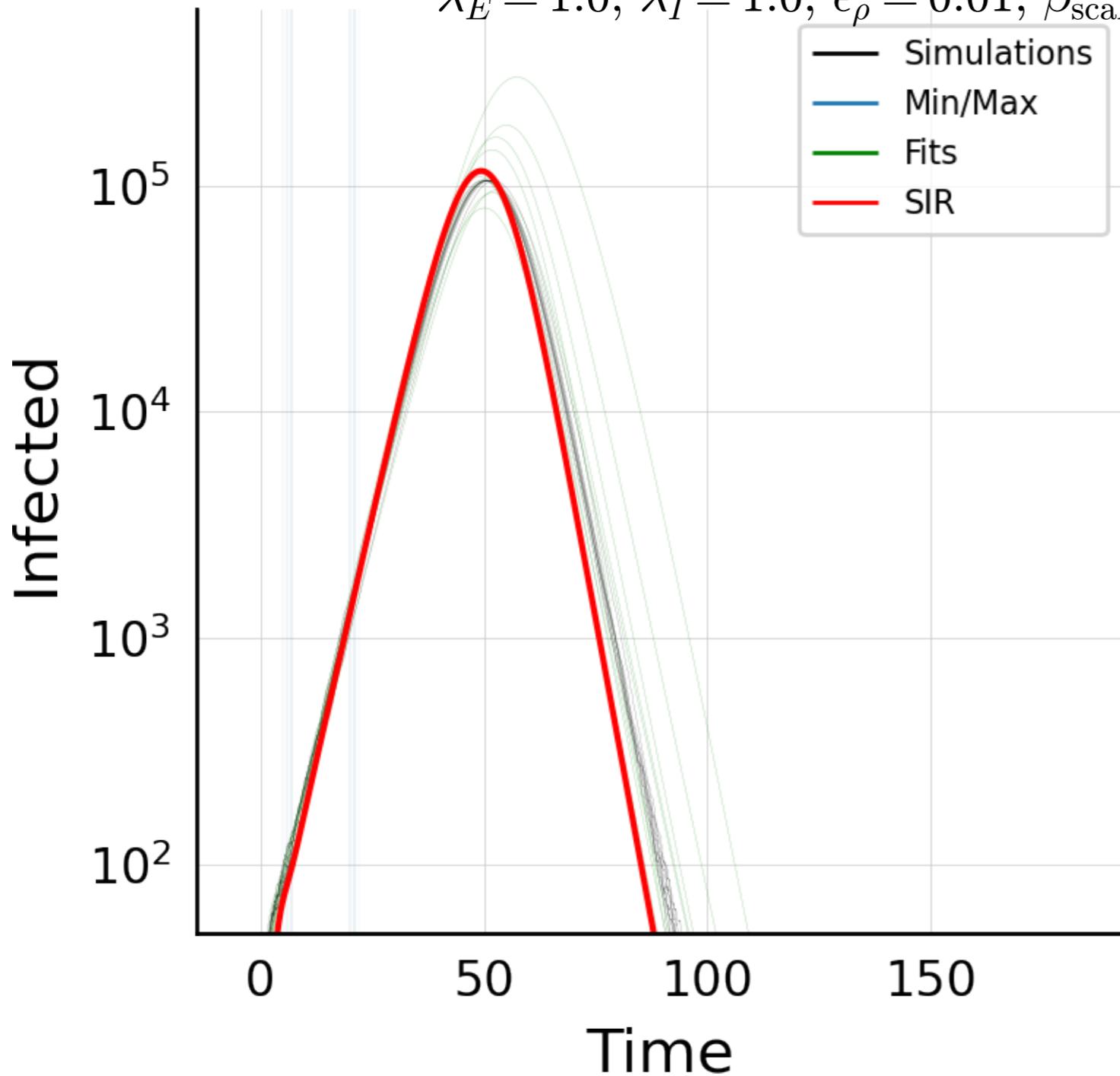
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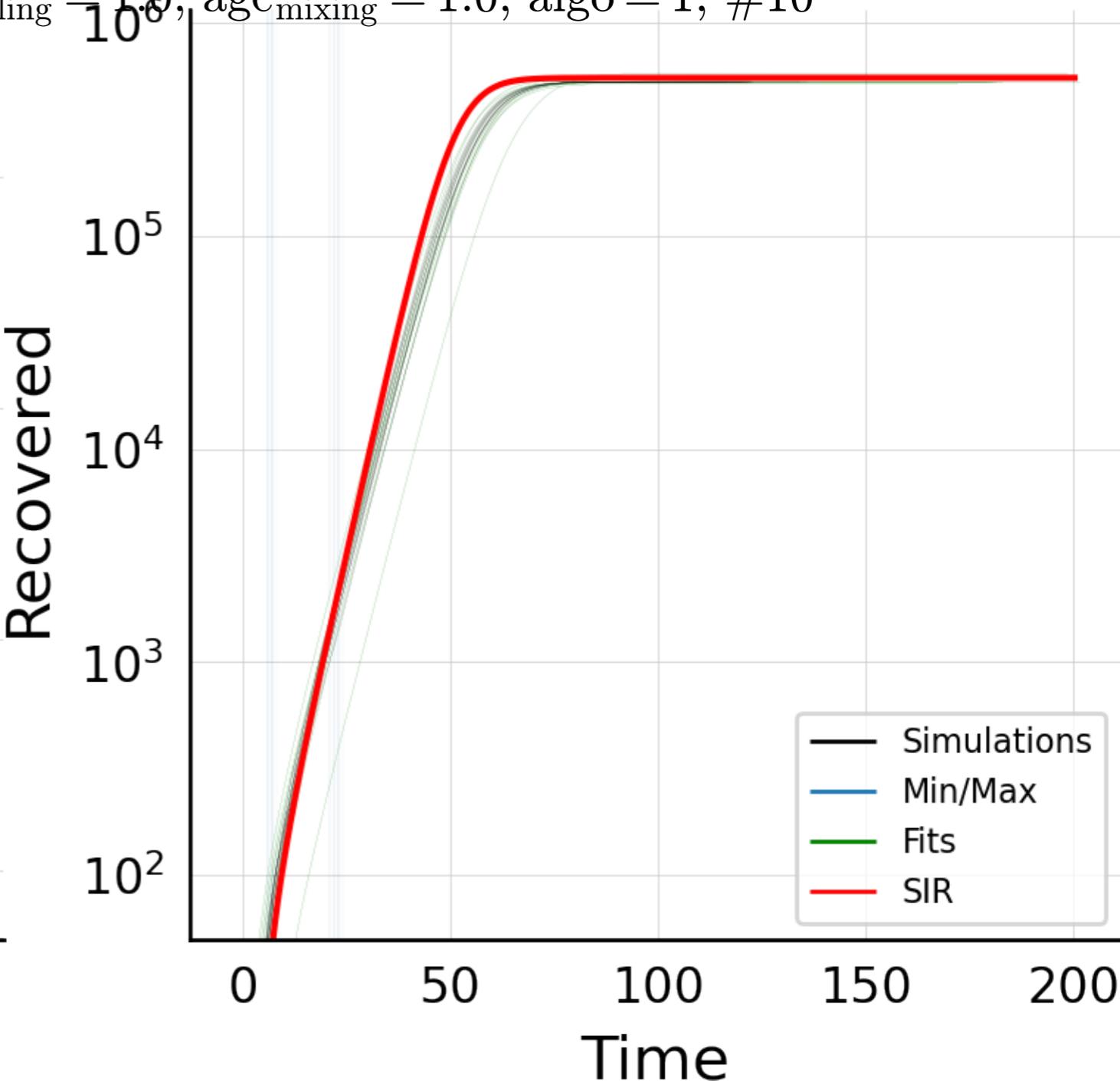
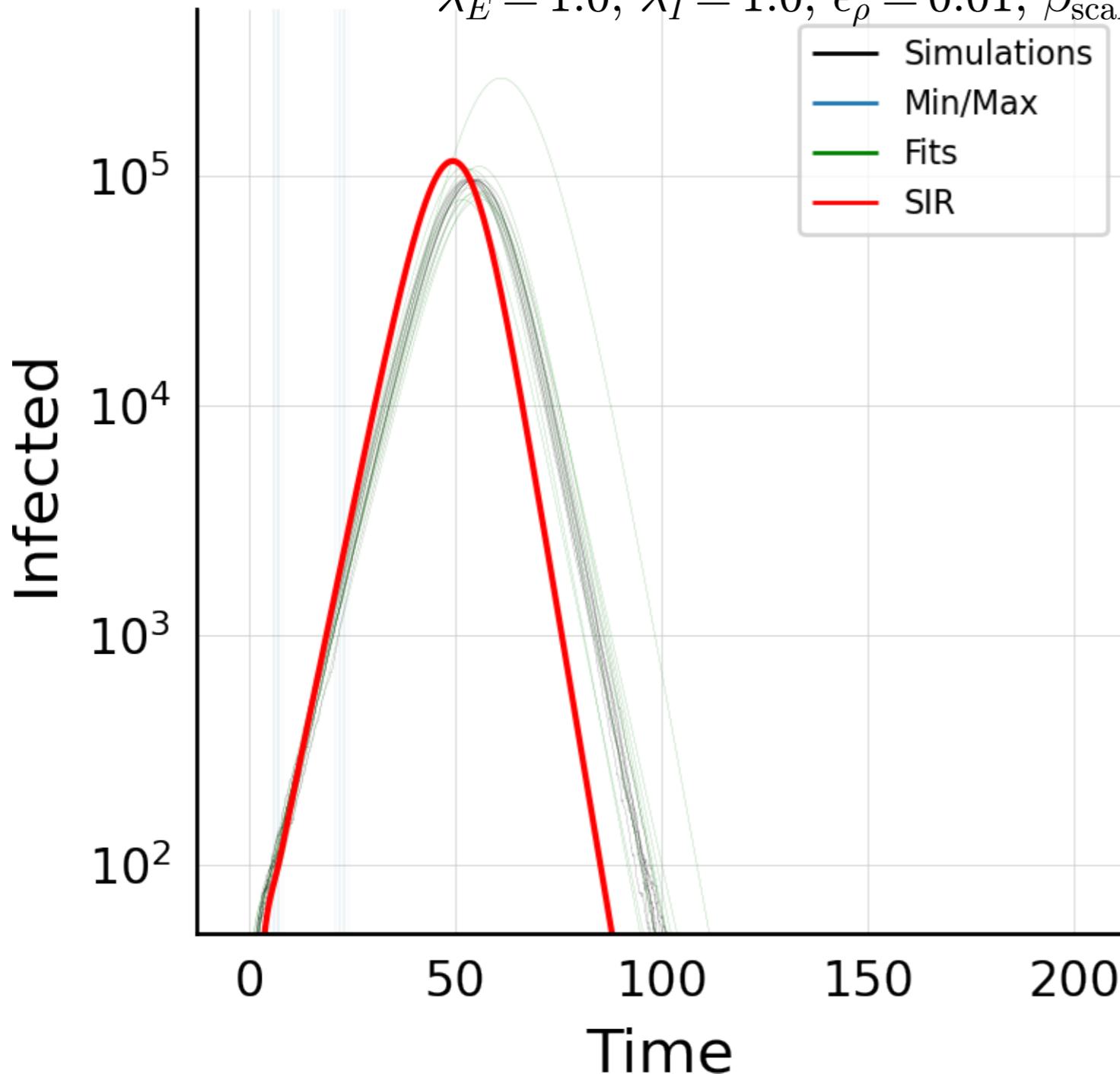
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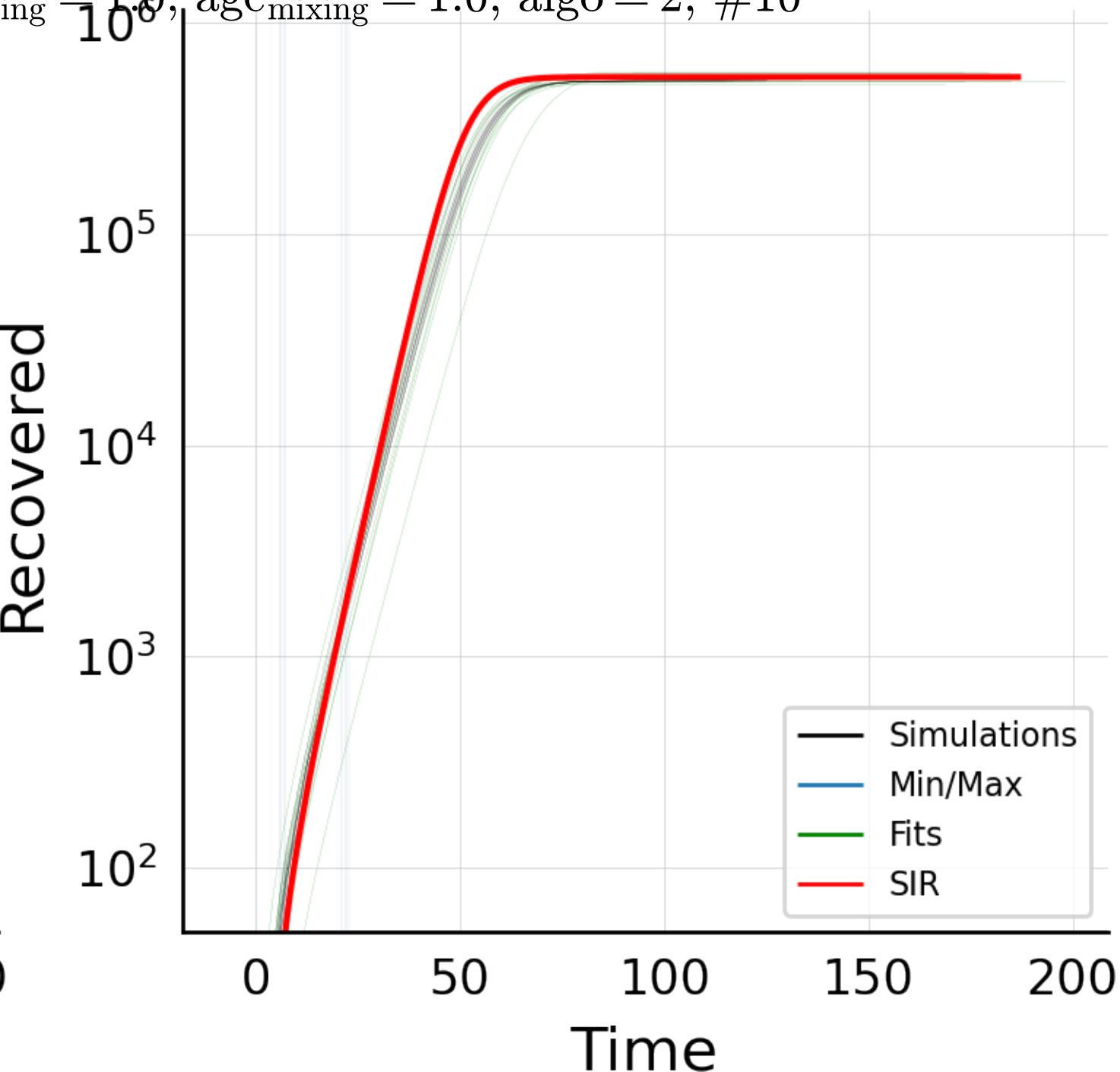
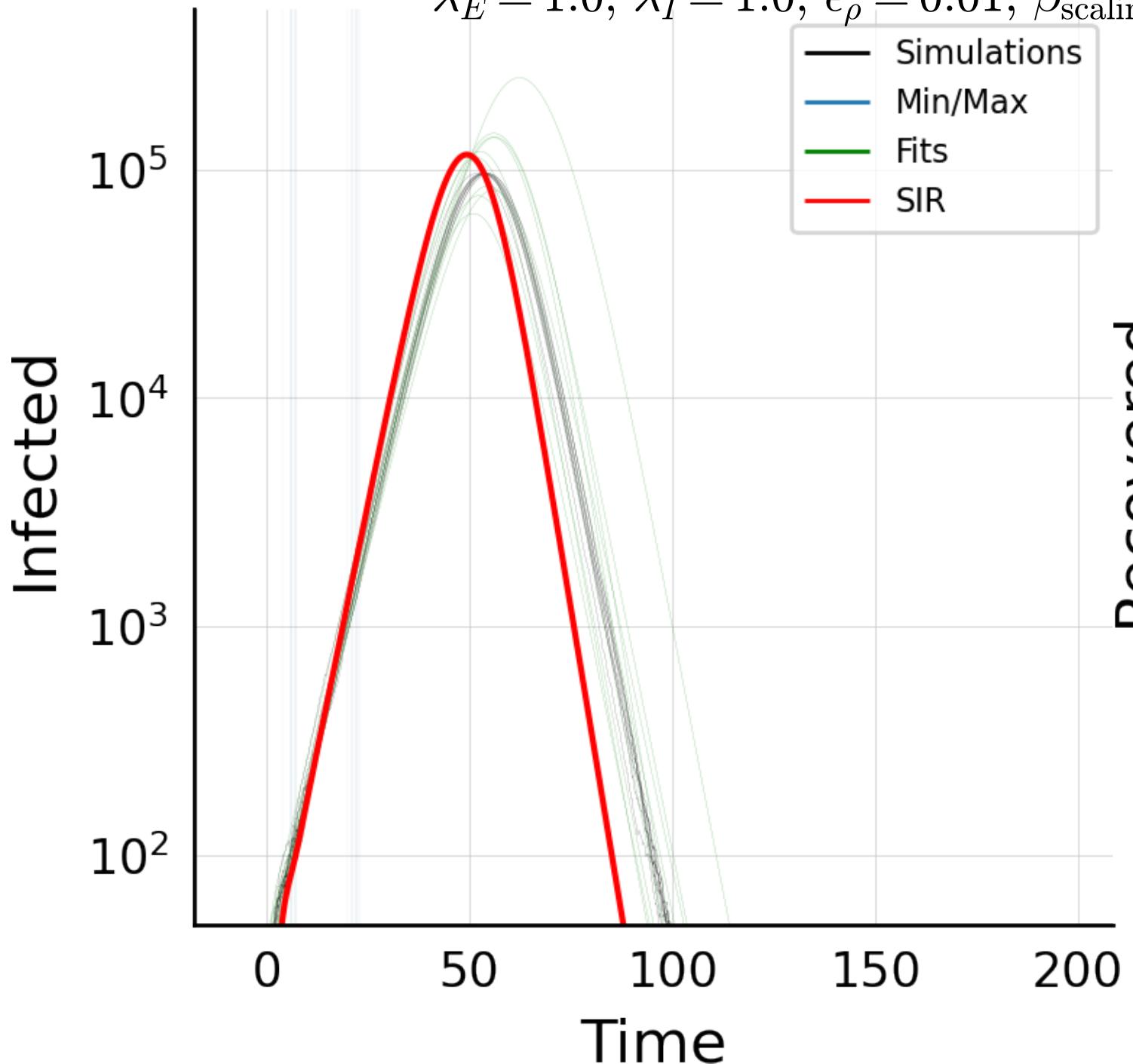
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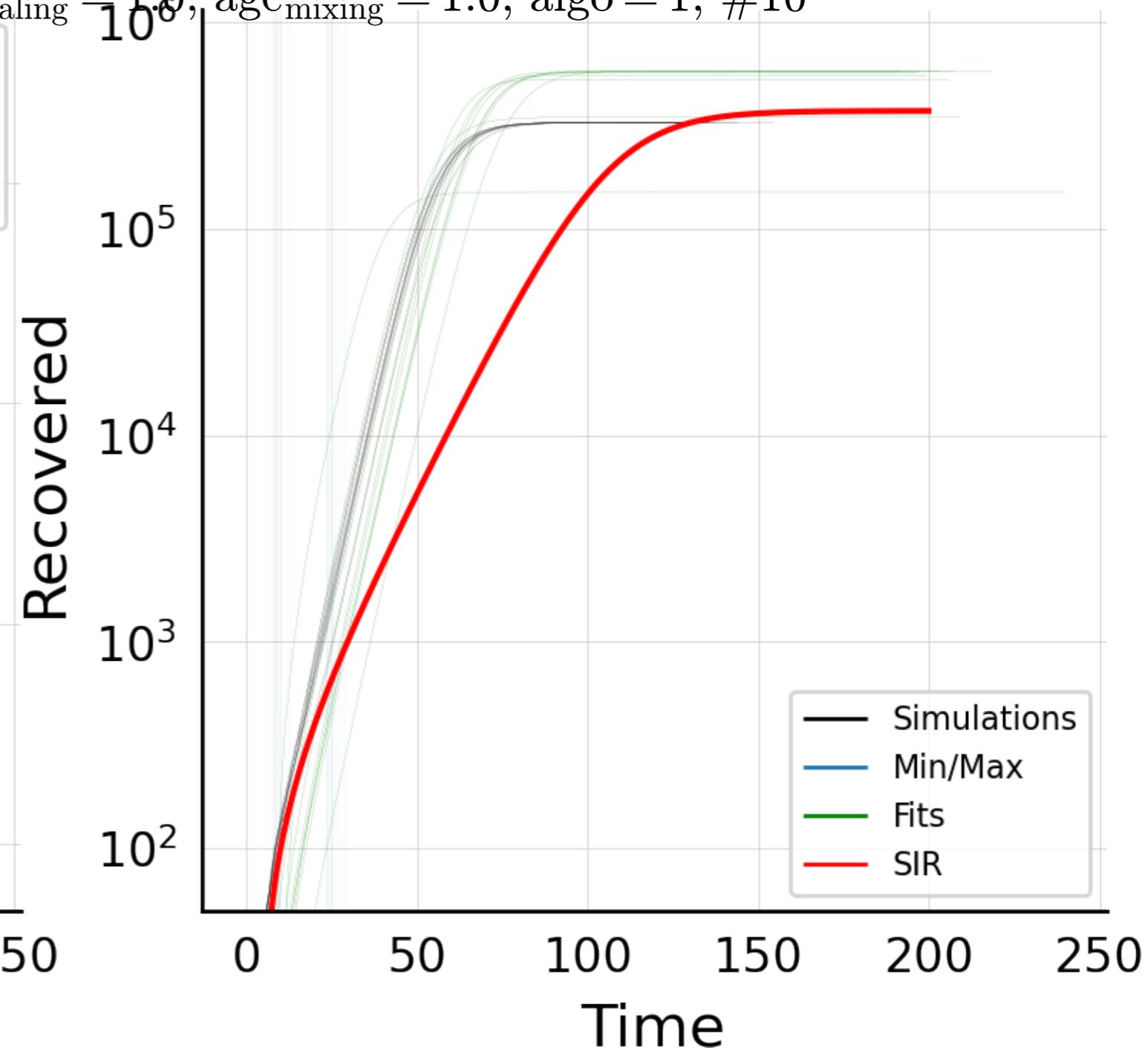
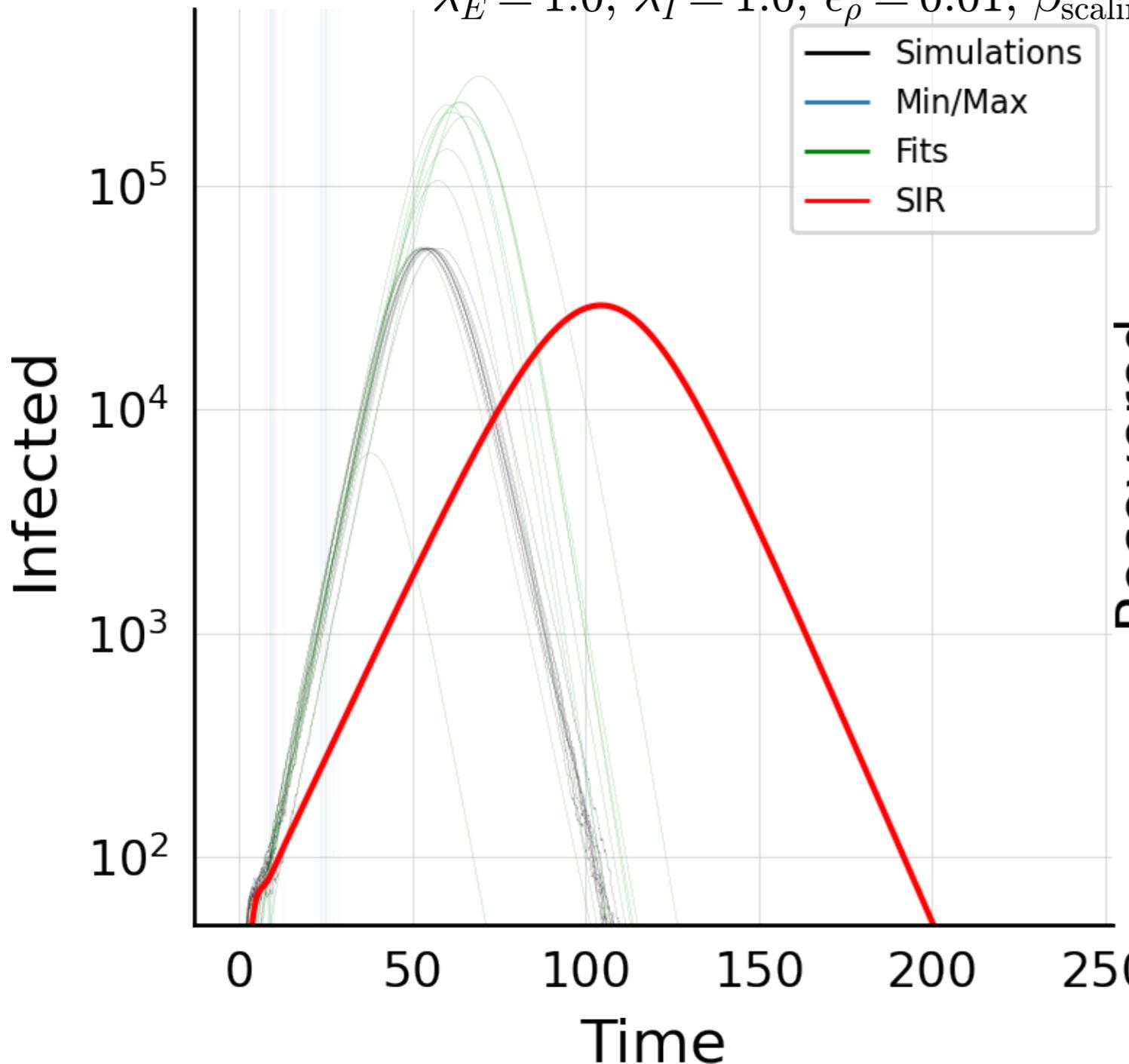
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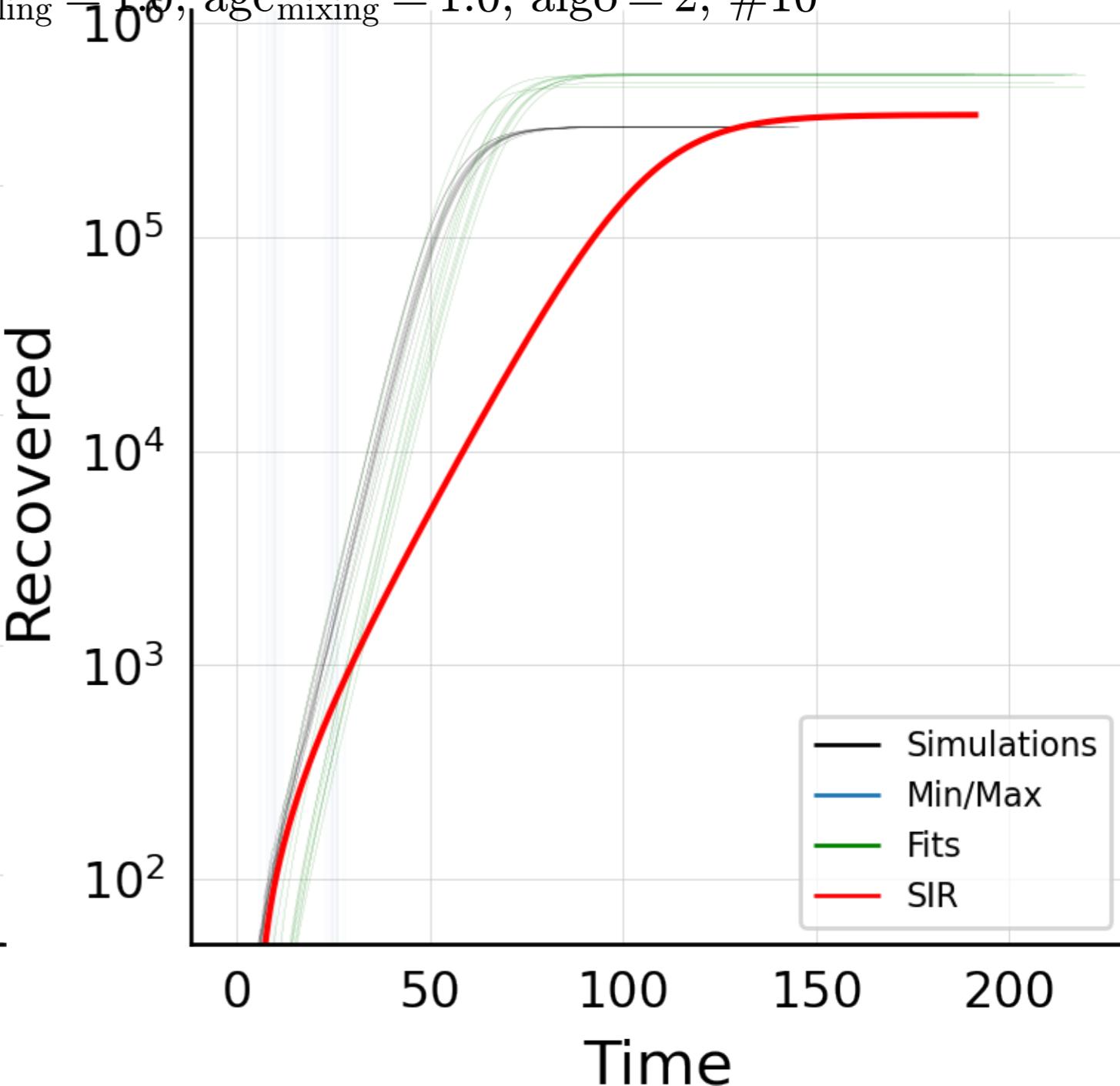
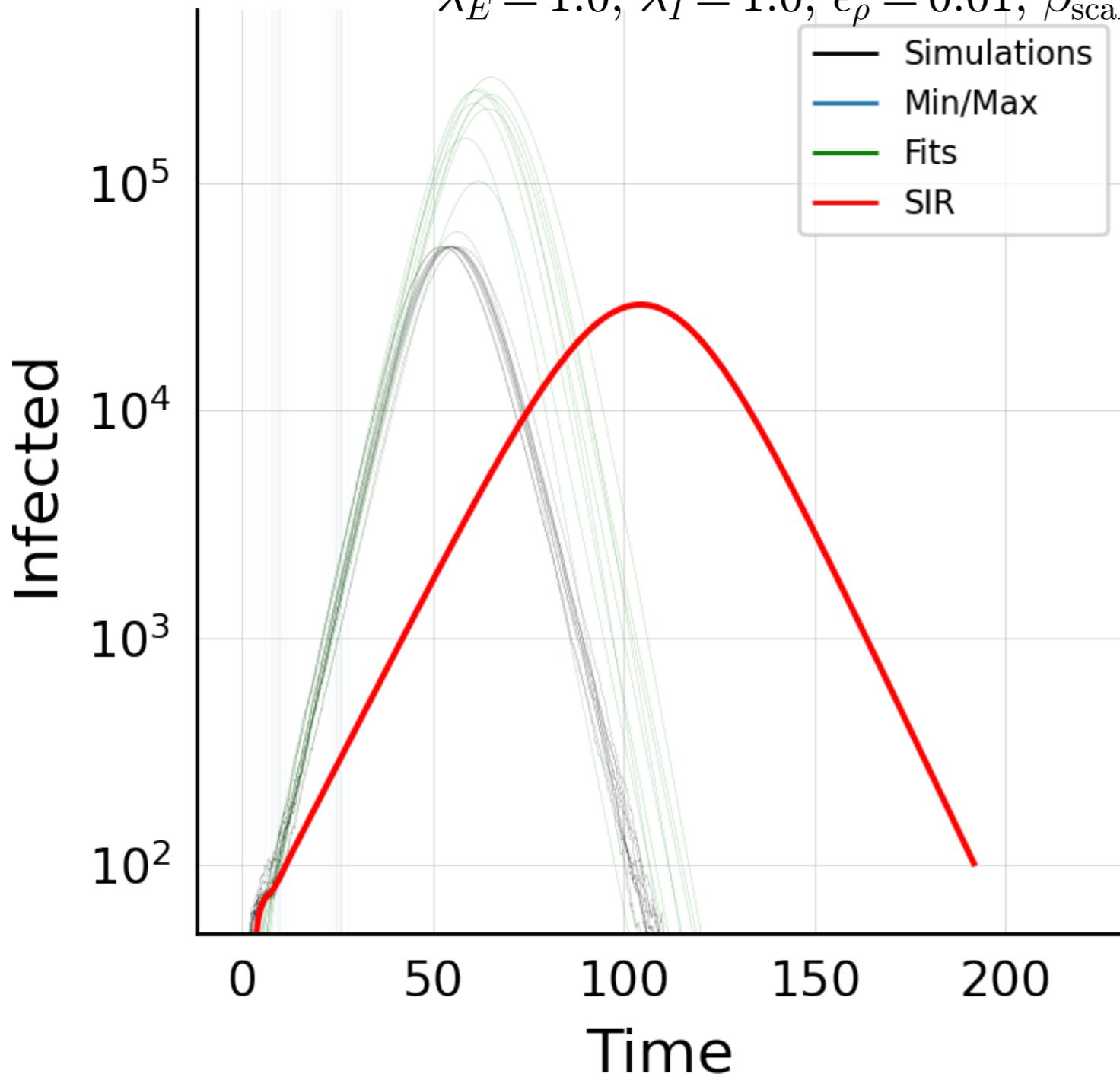
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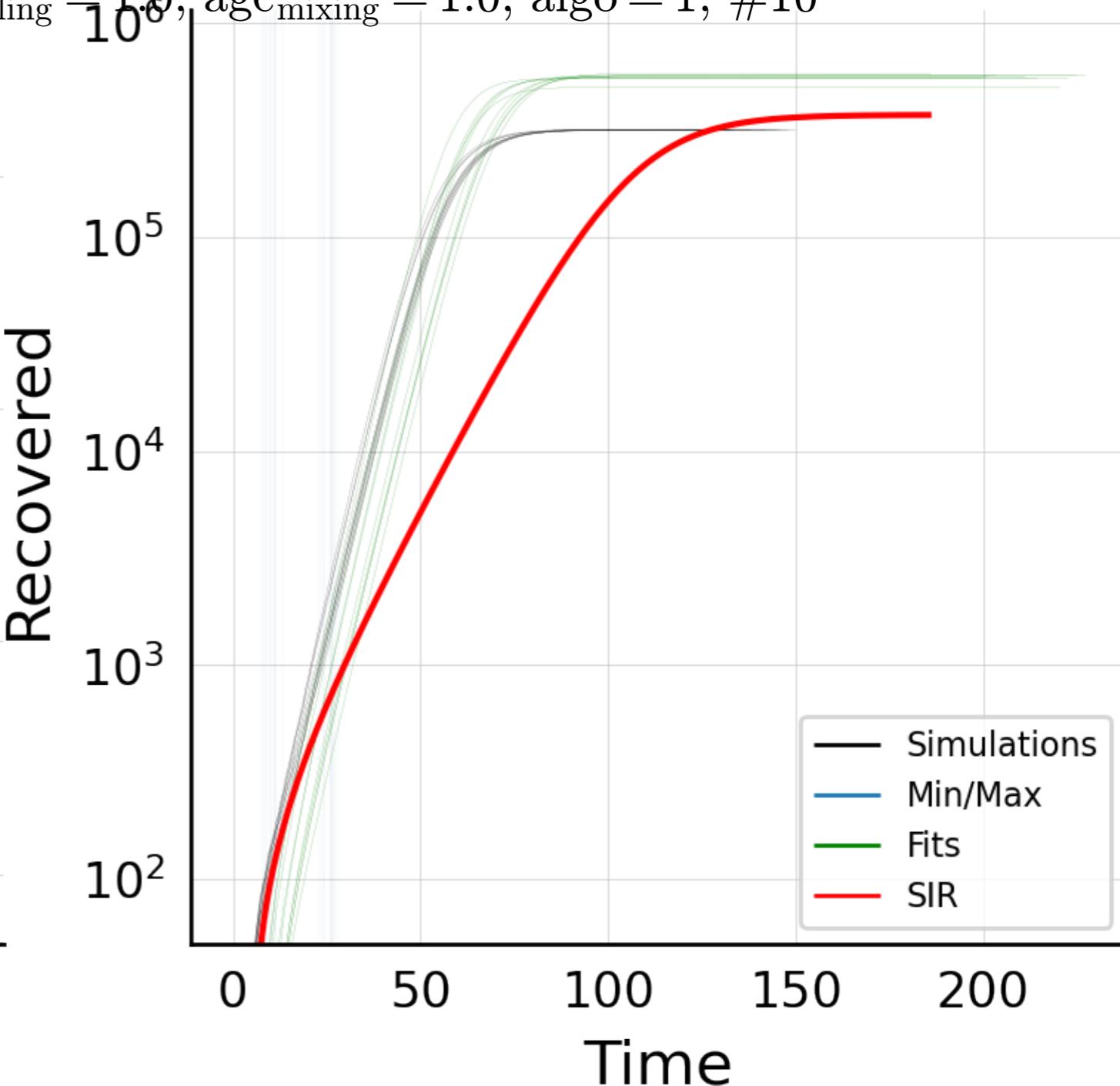
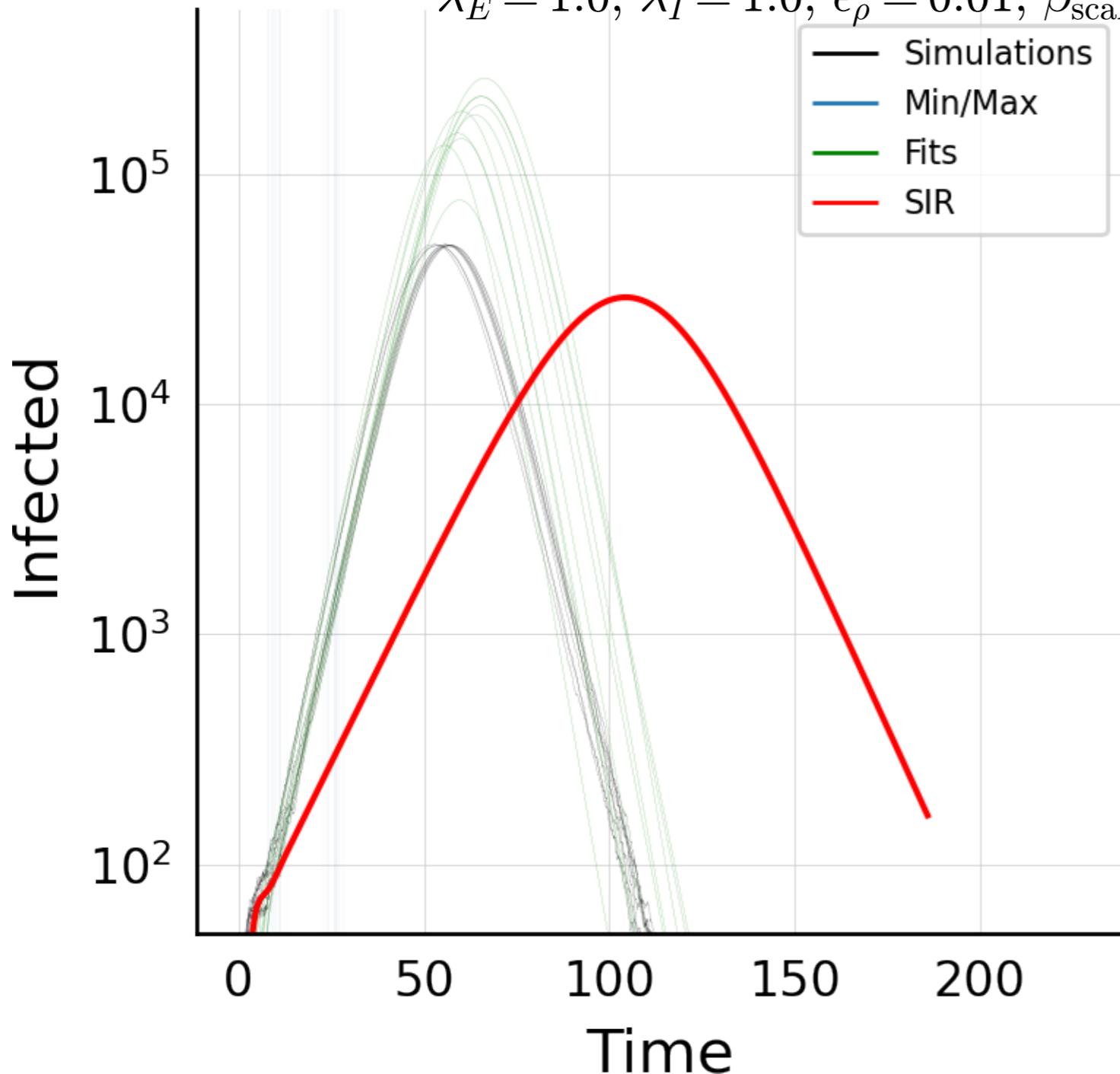
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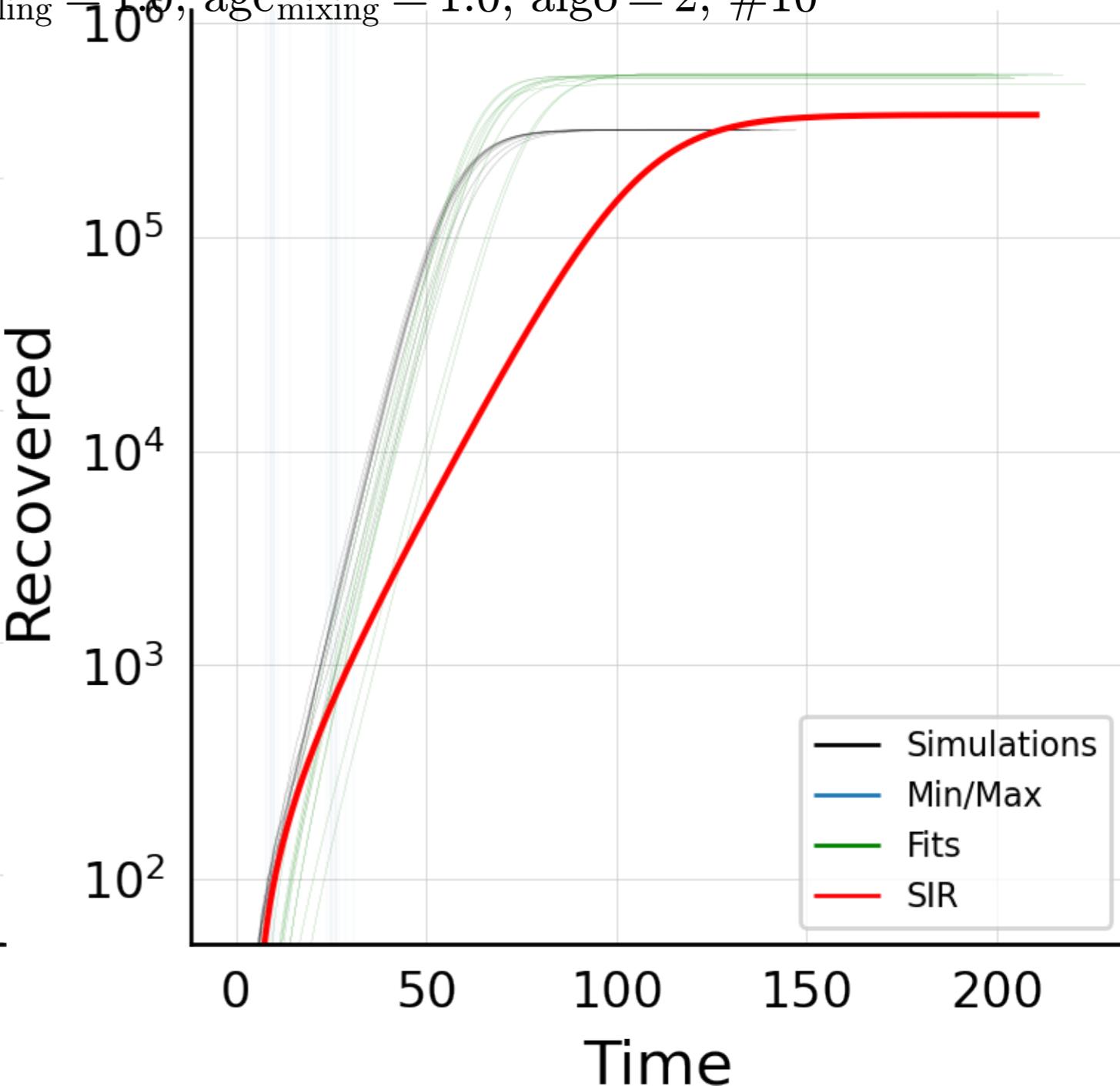
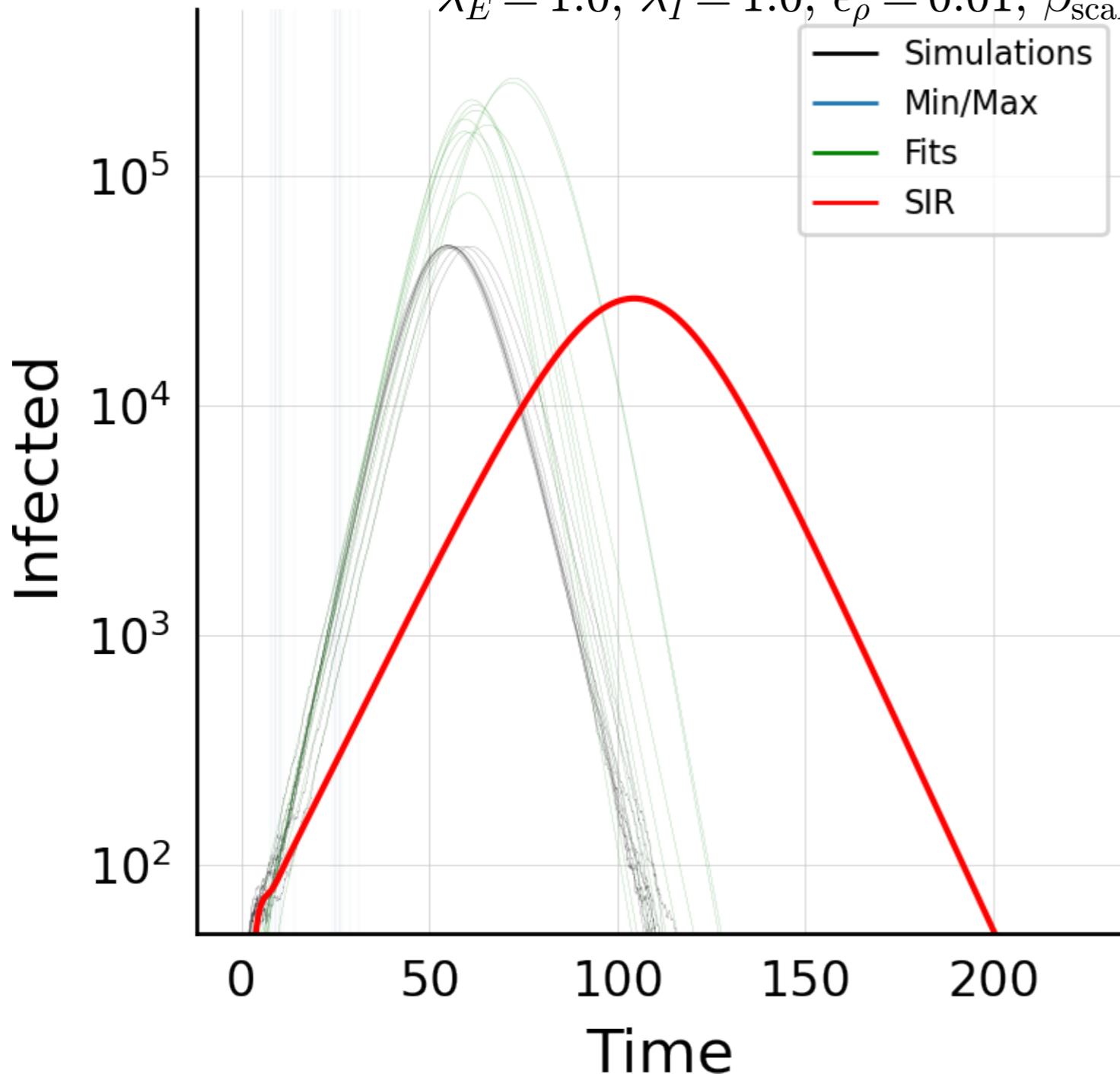
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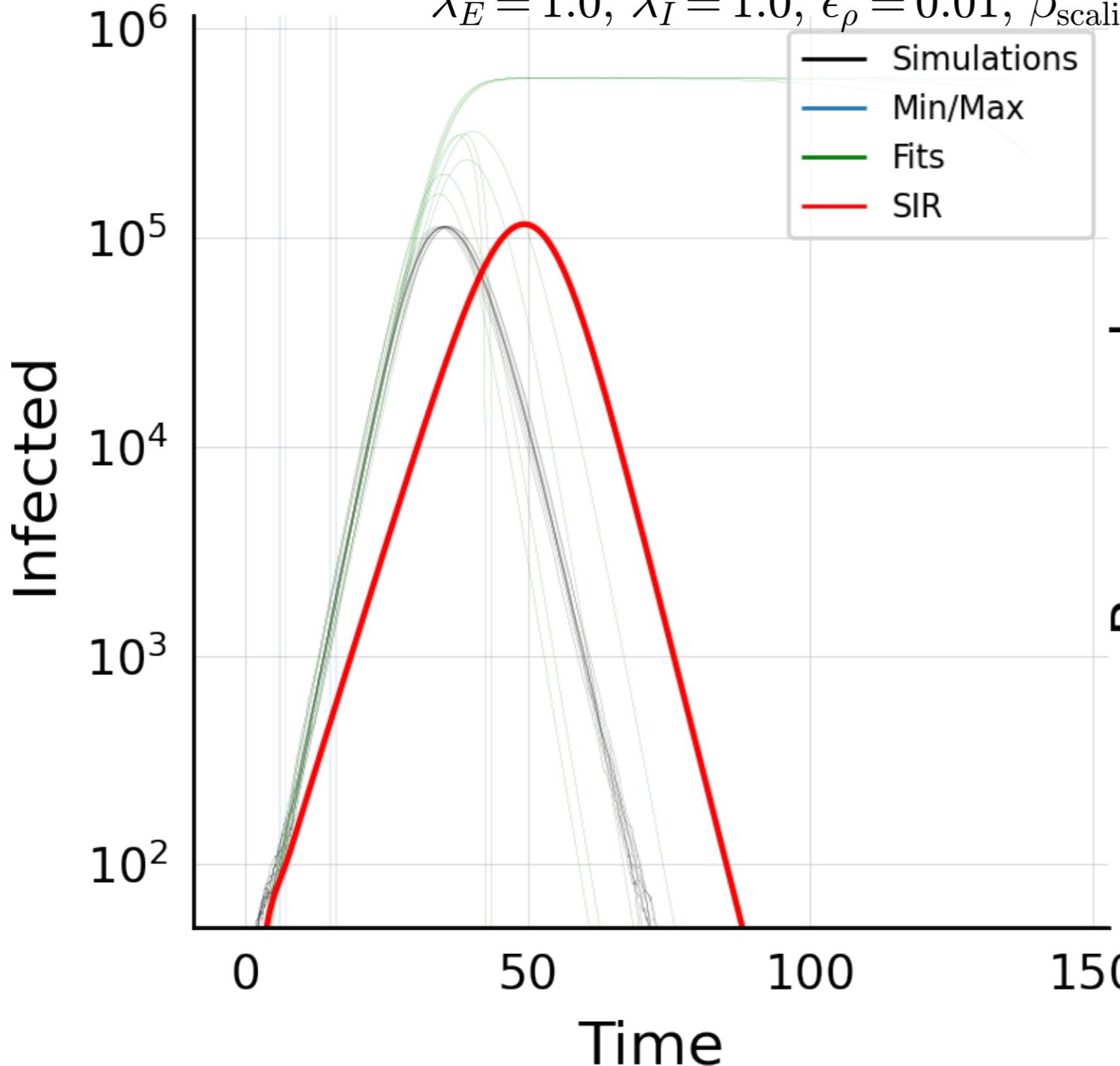
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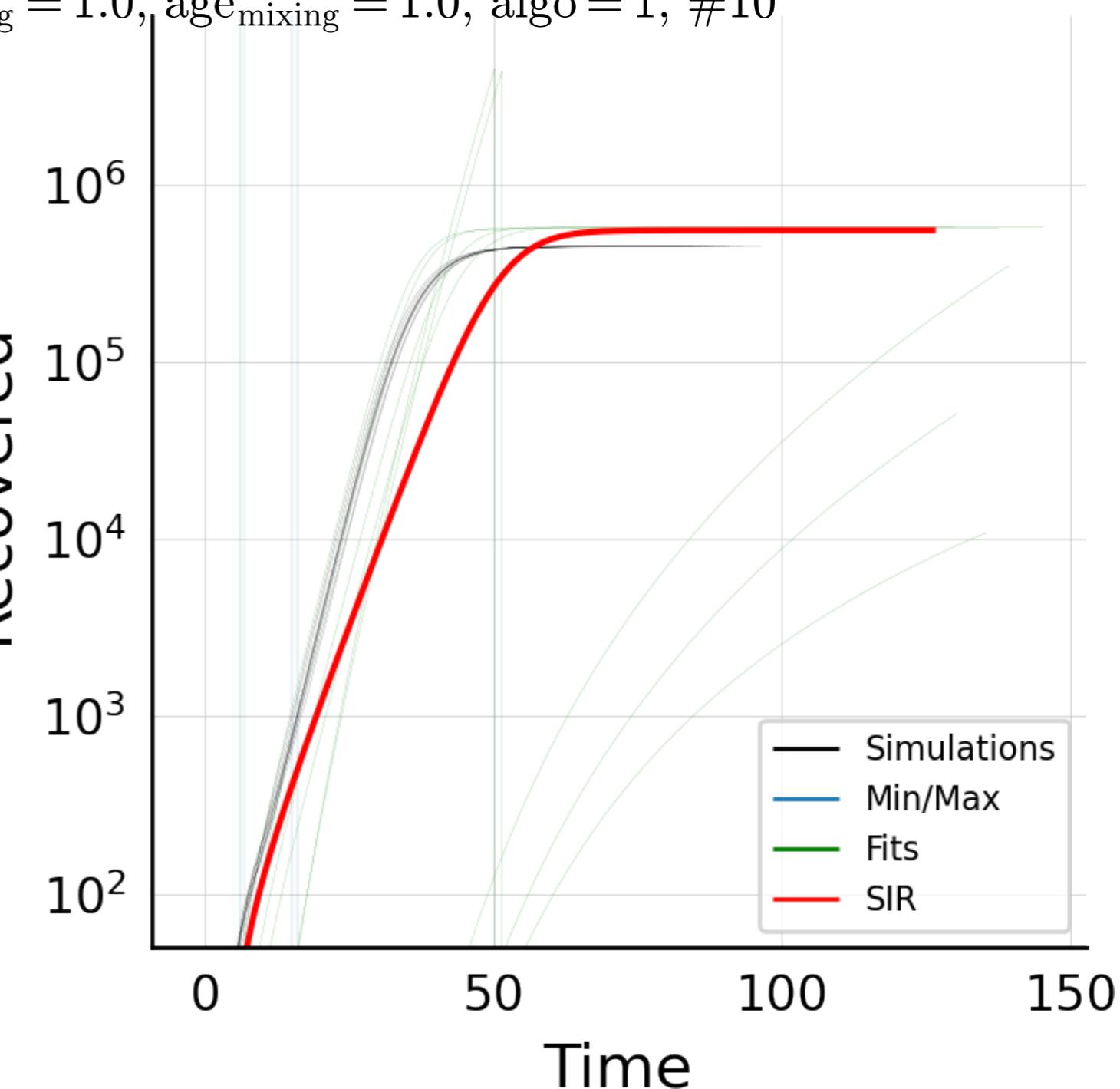
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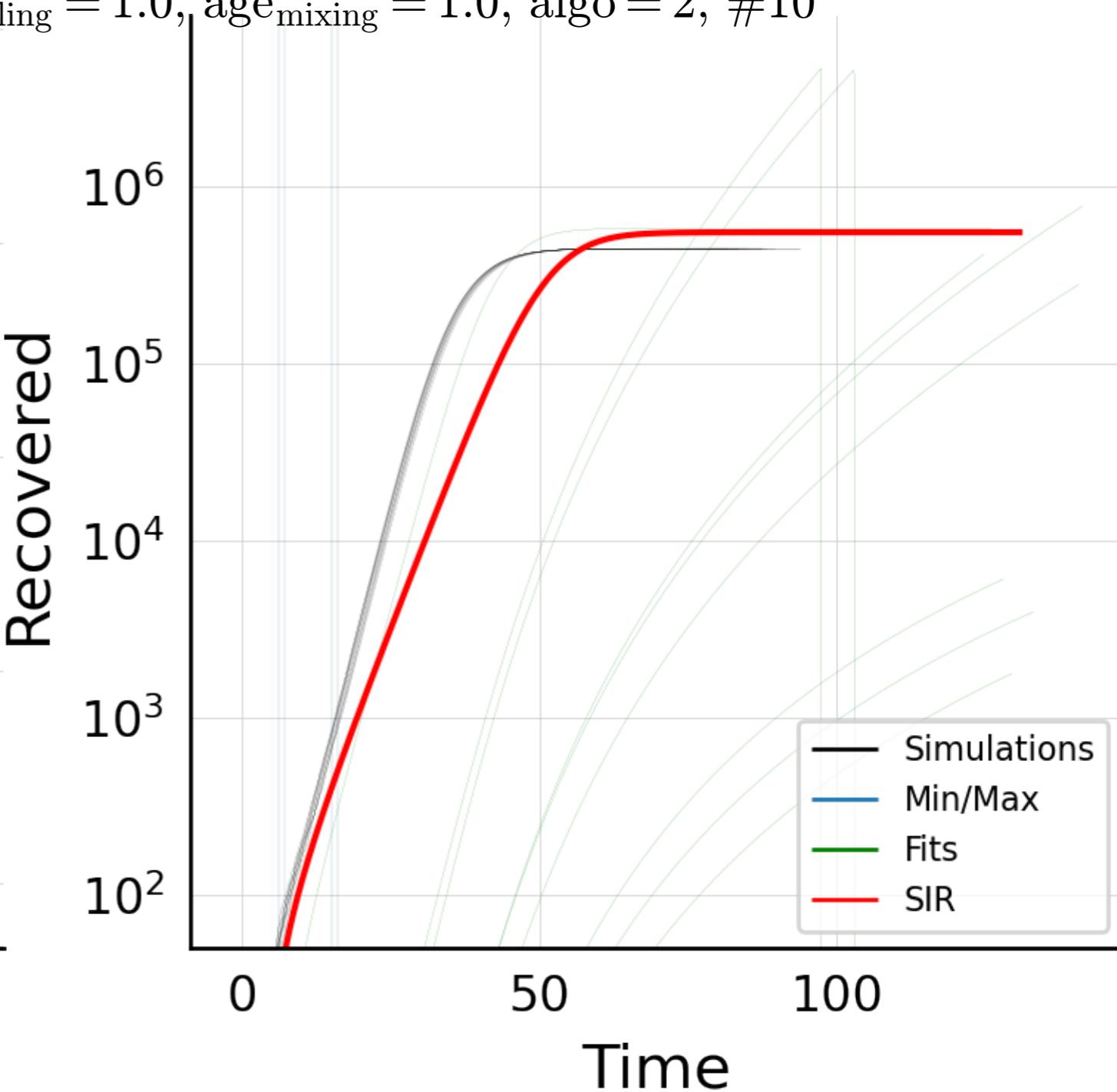
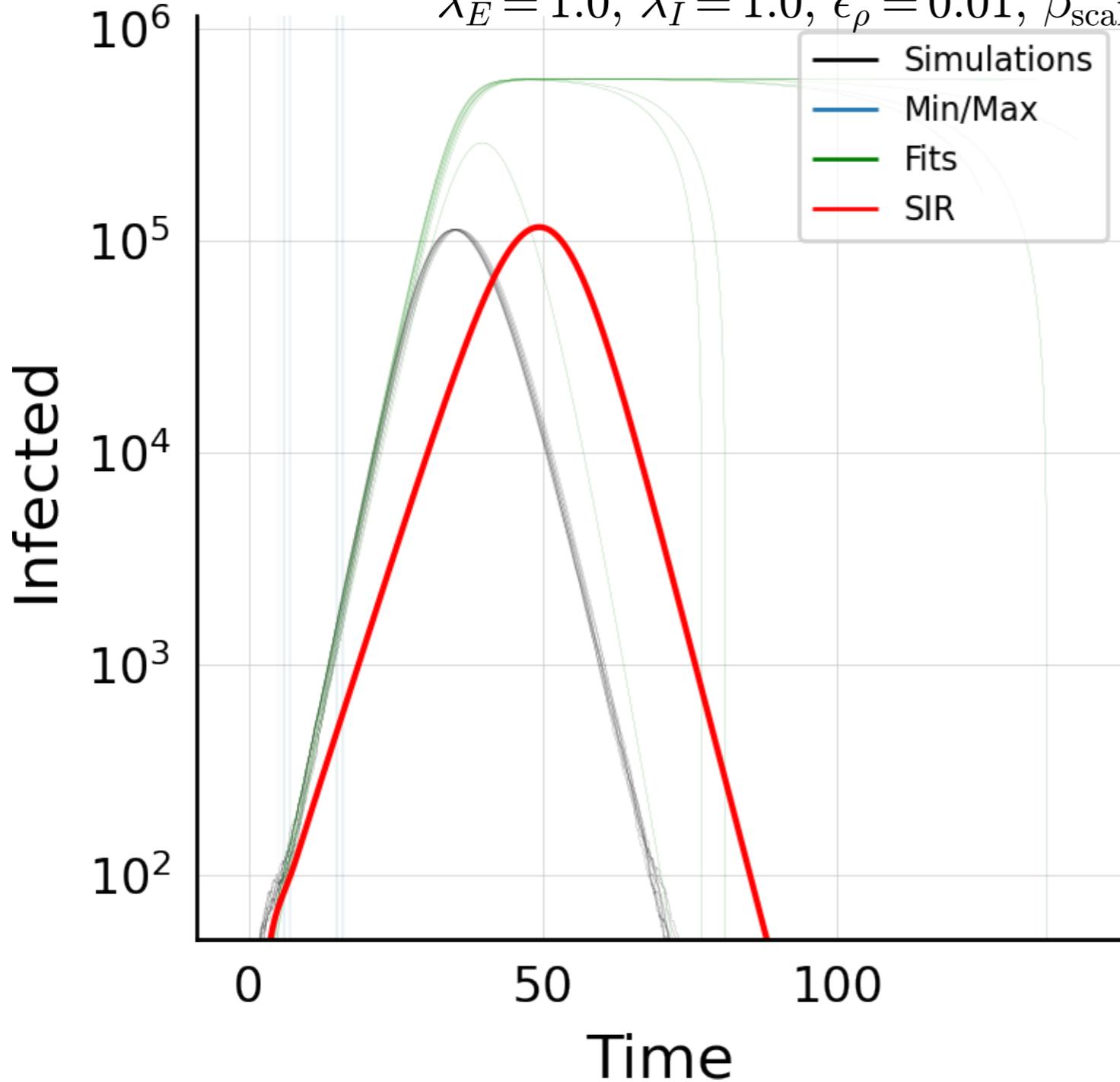
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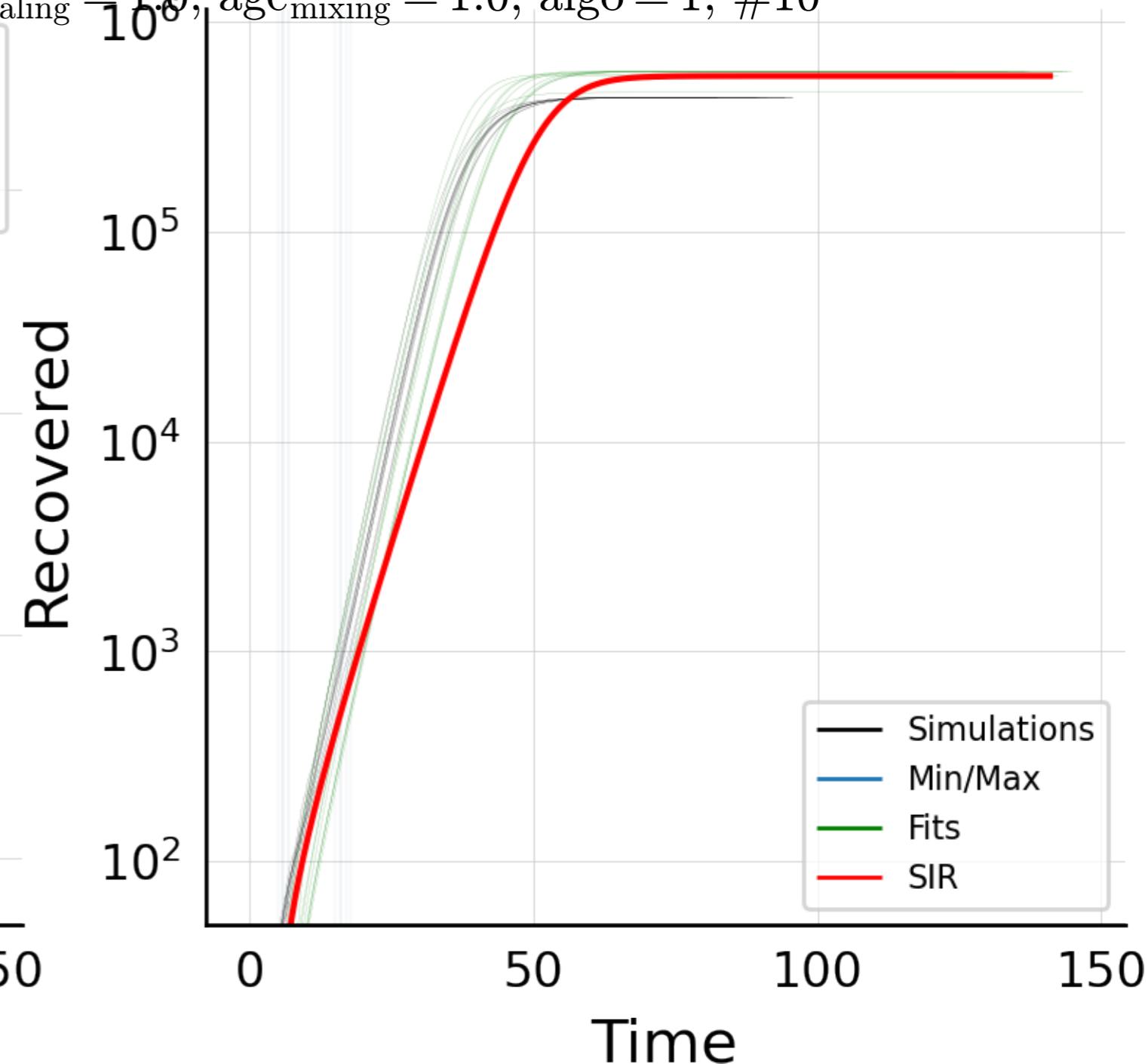
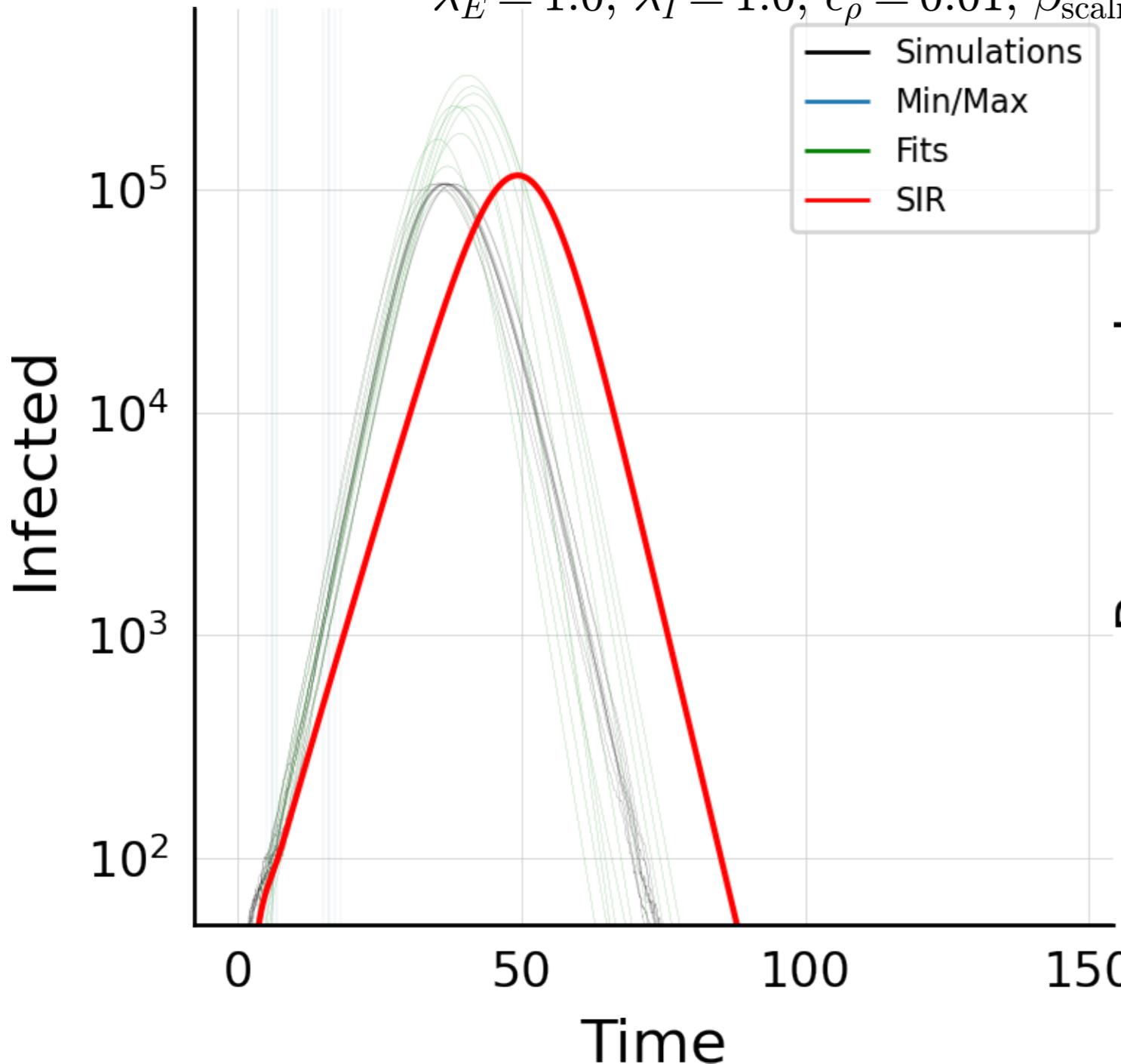
Recovered



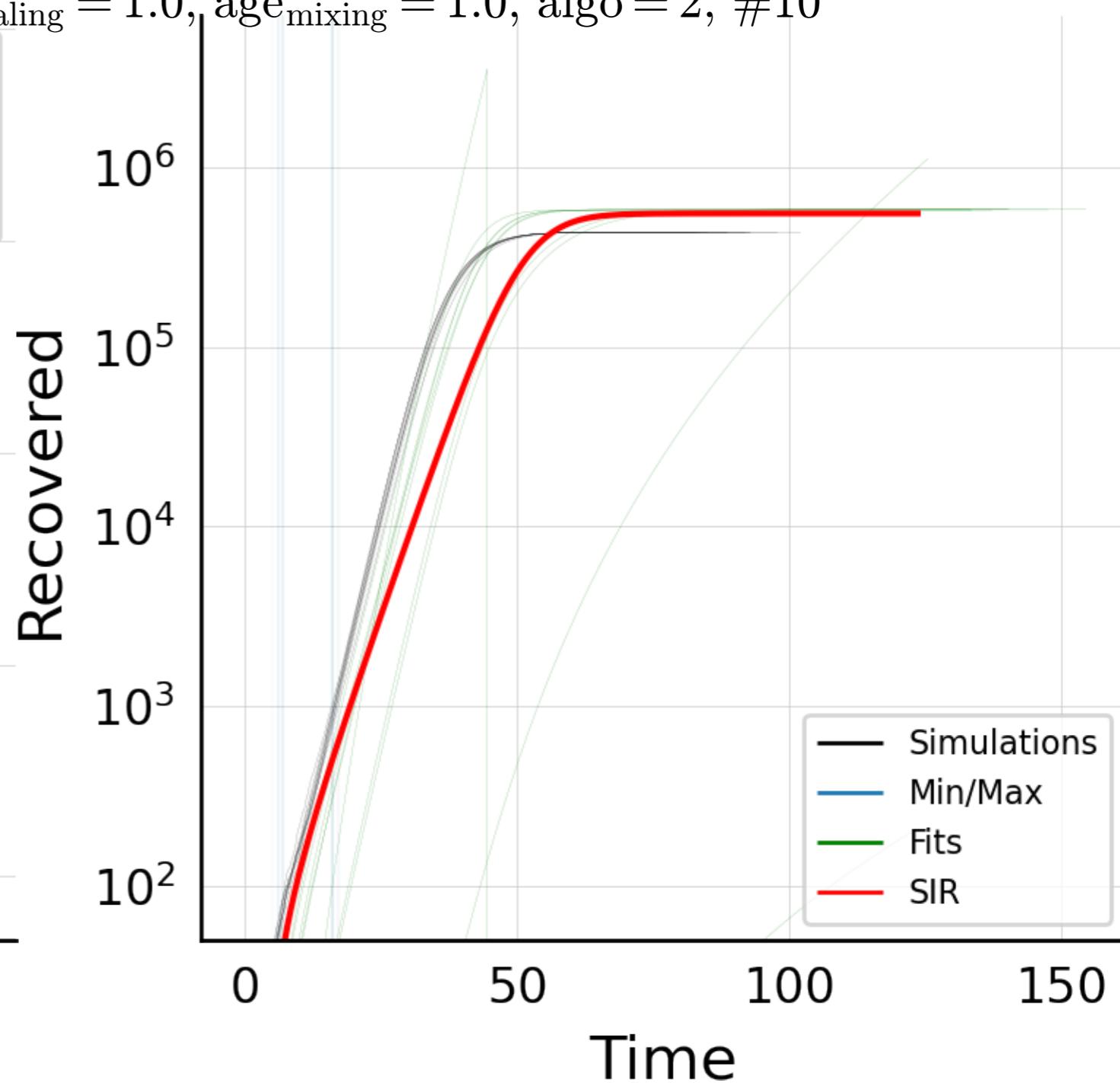
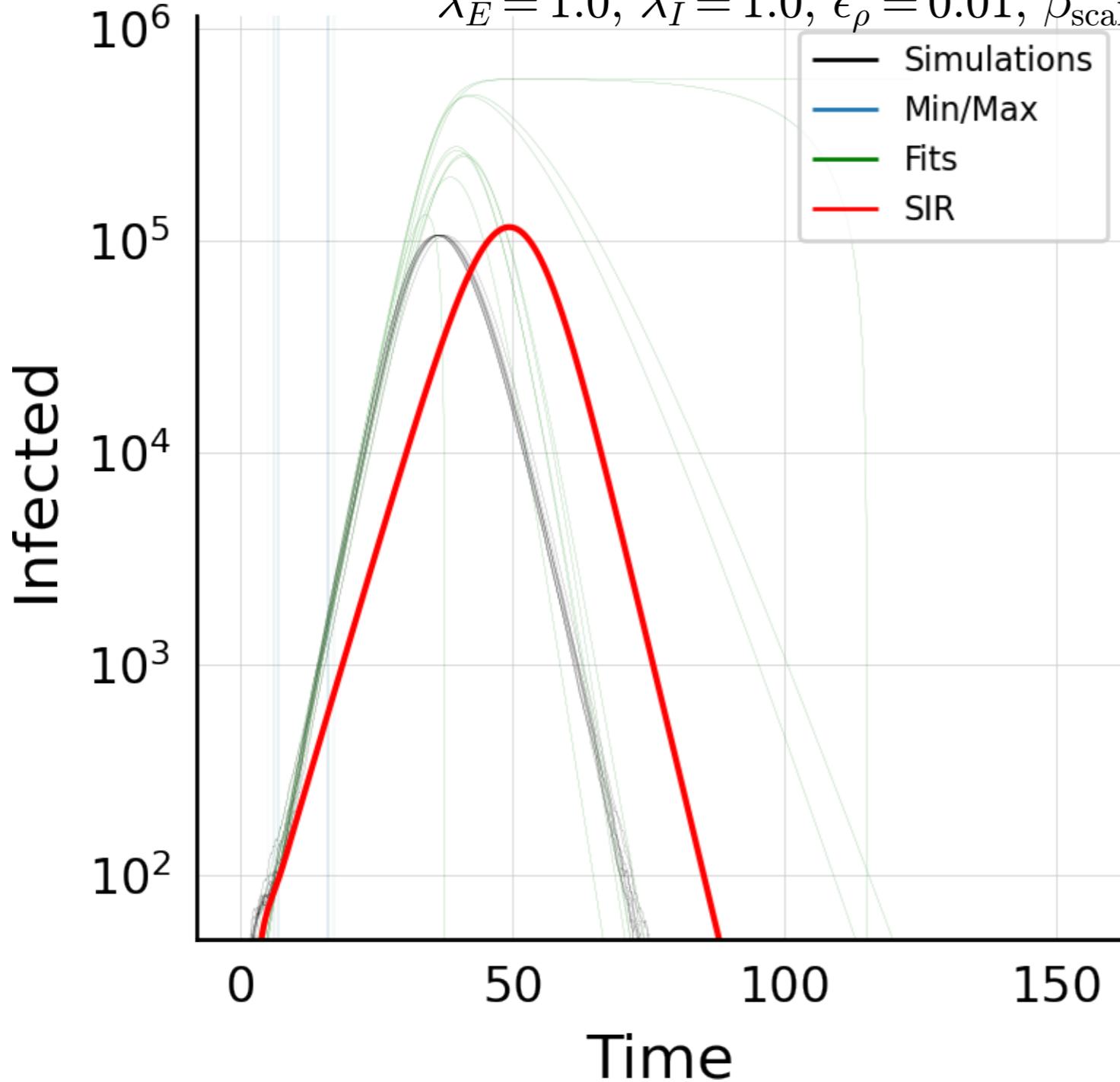
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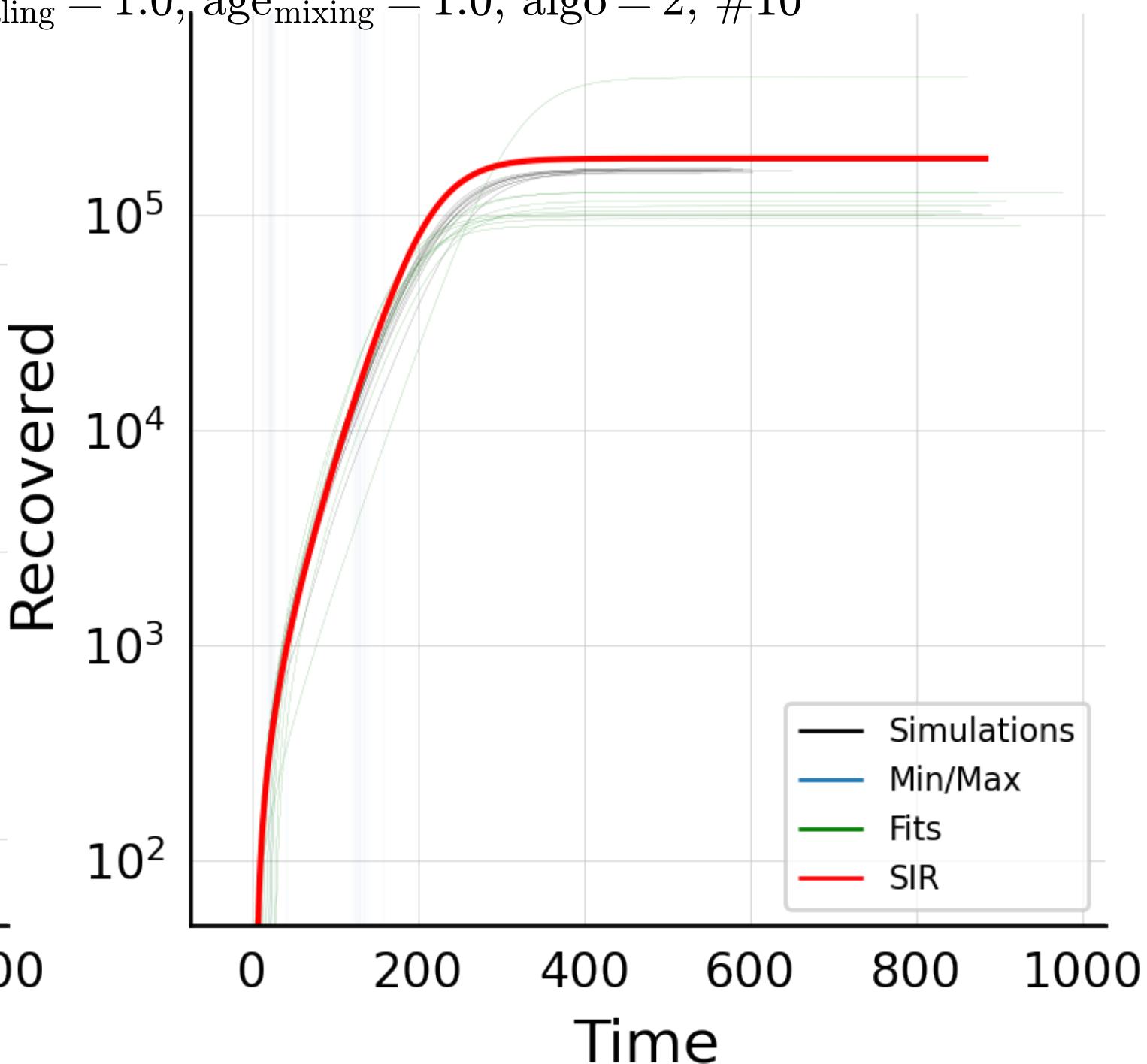
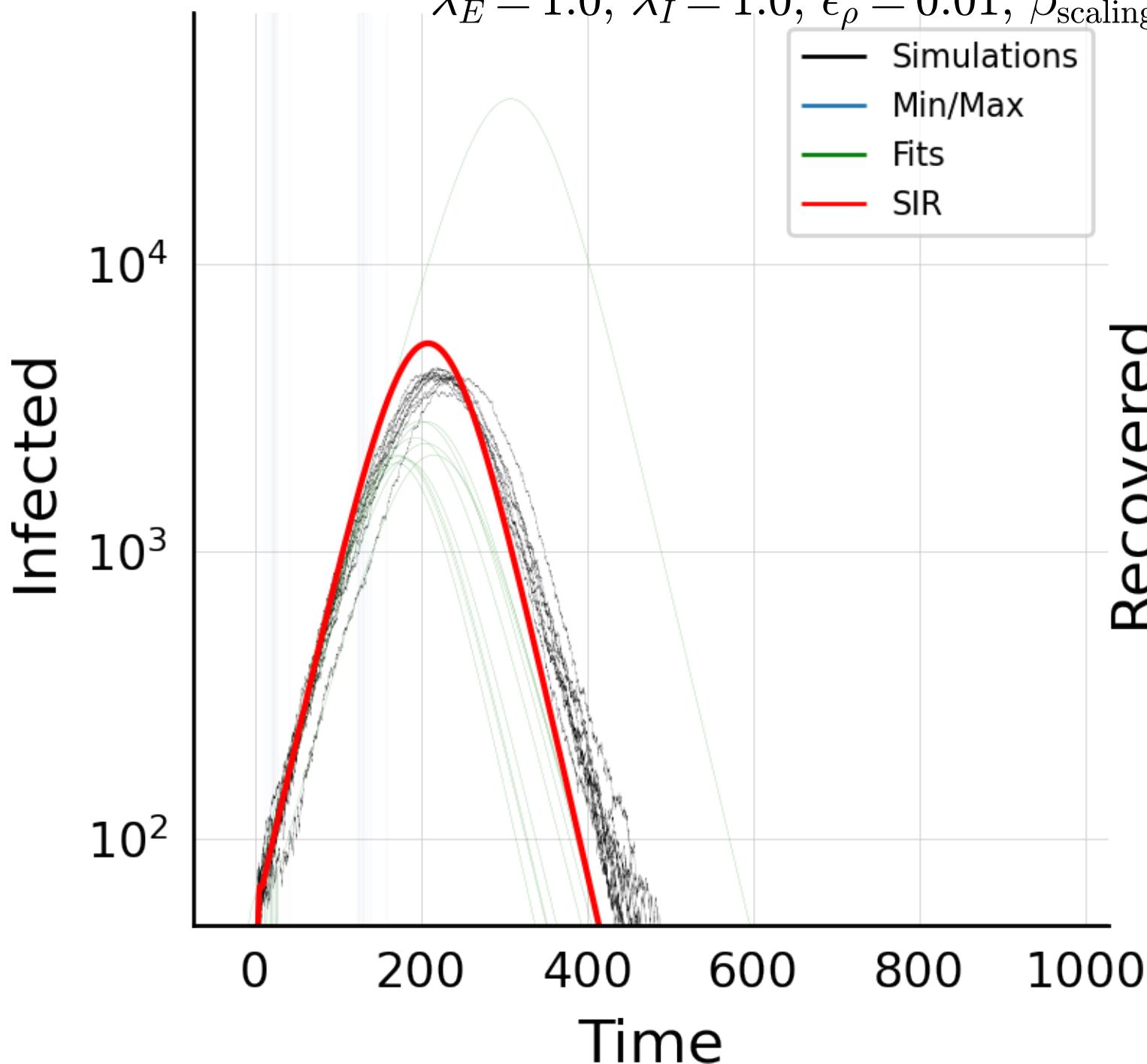
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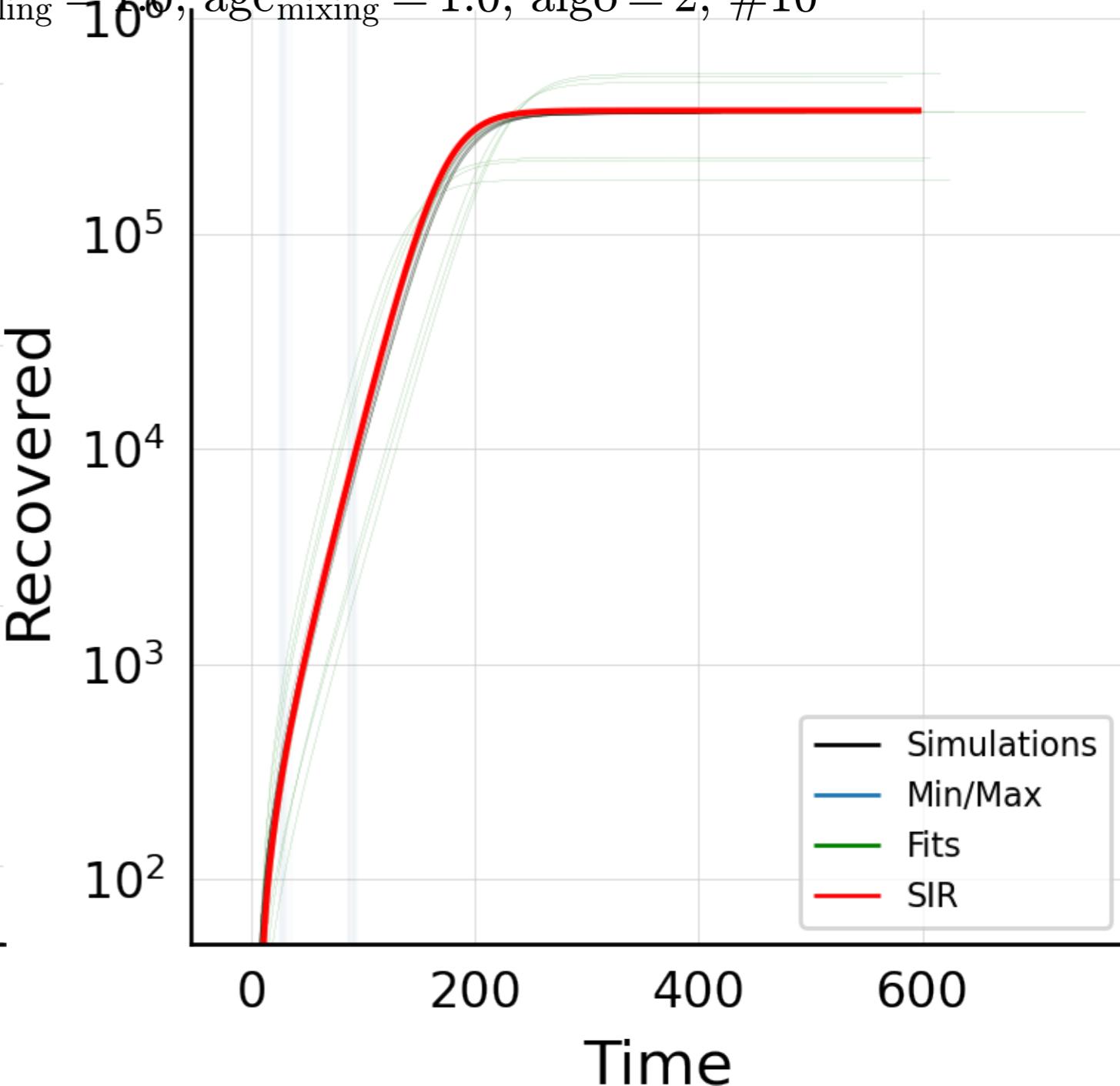
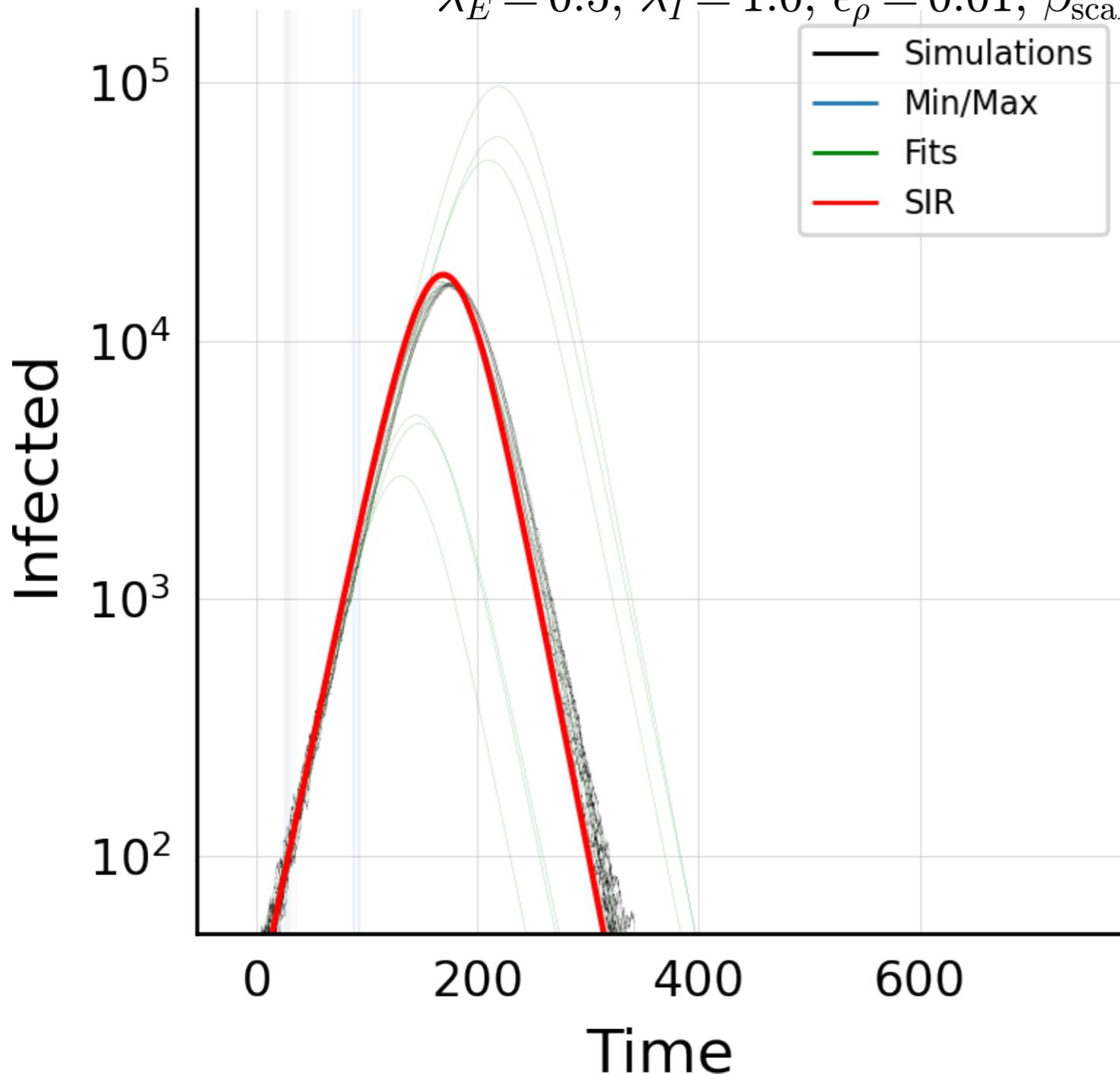
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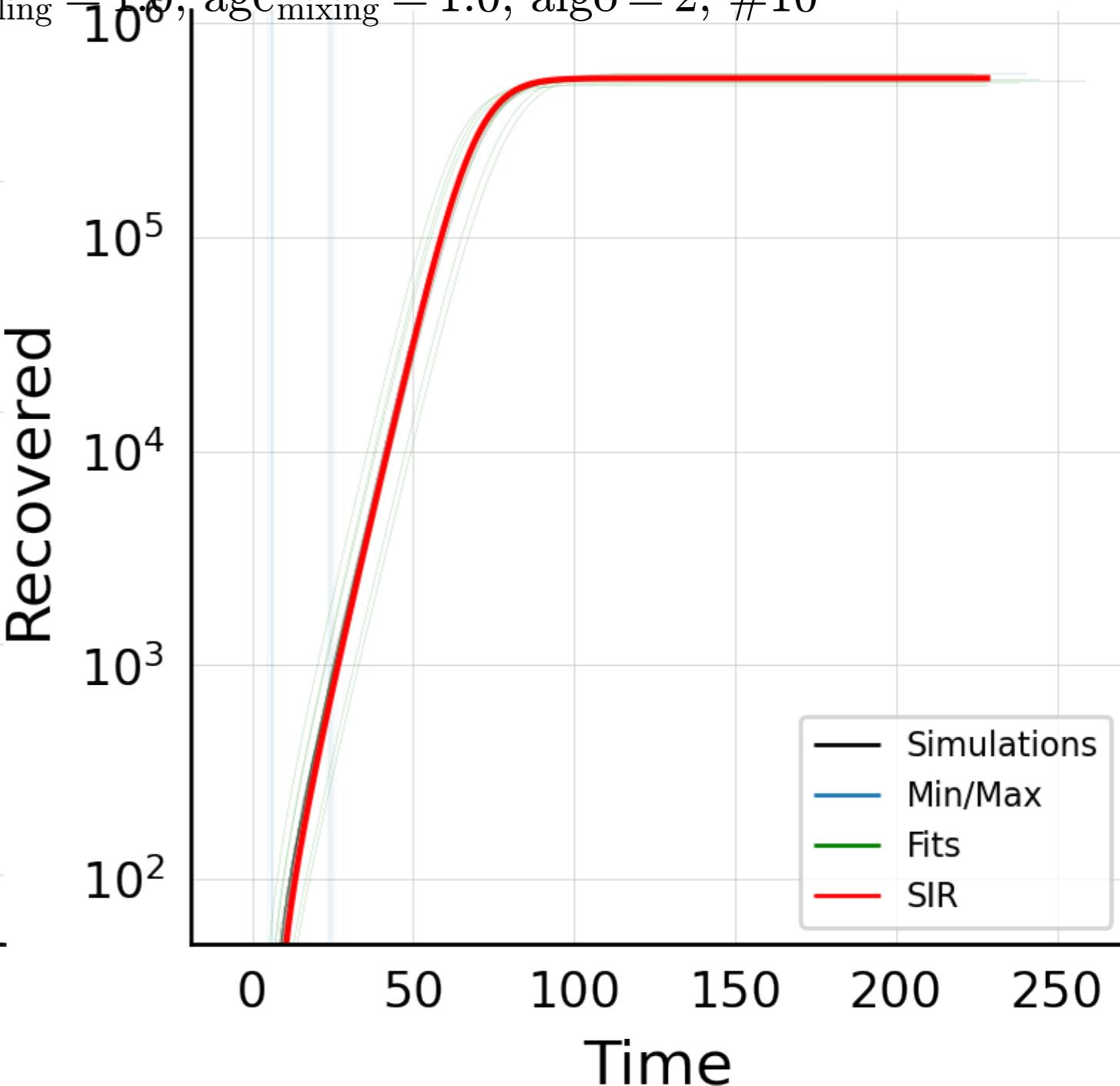
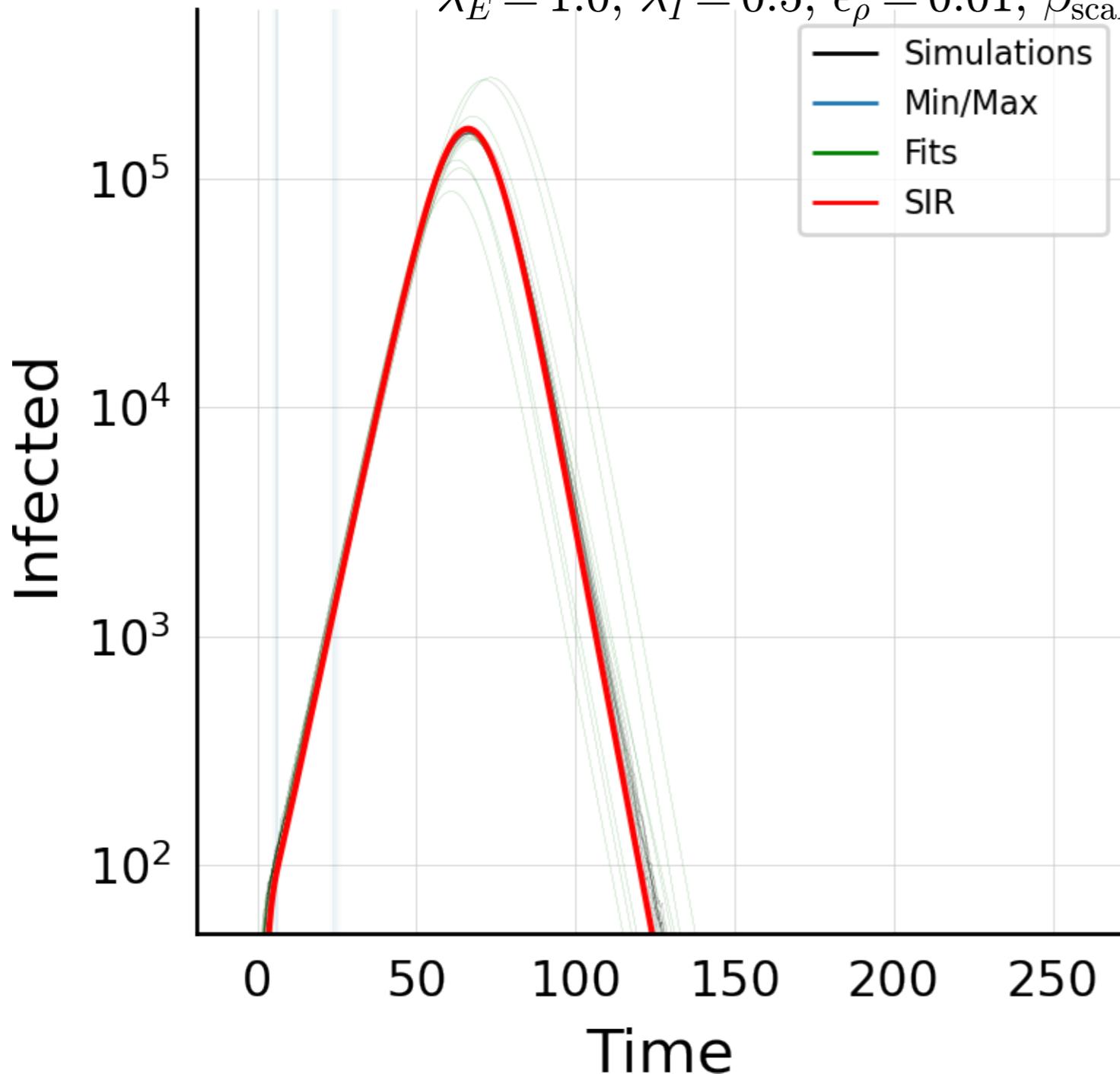
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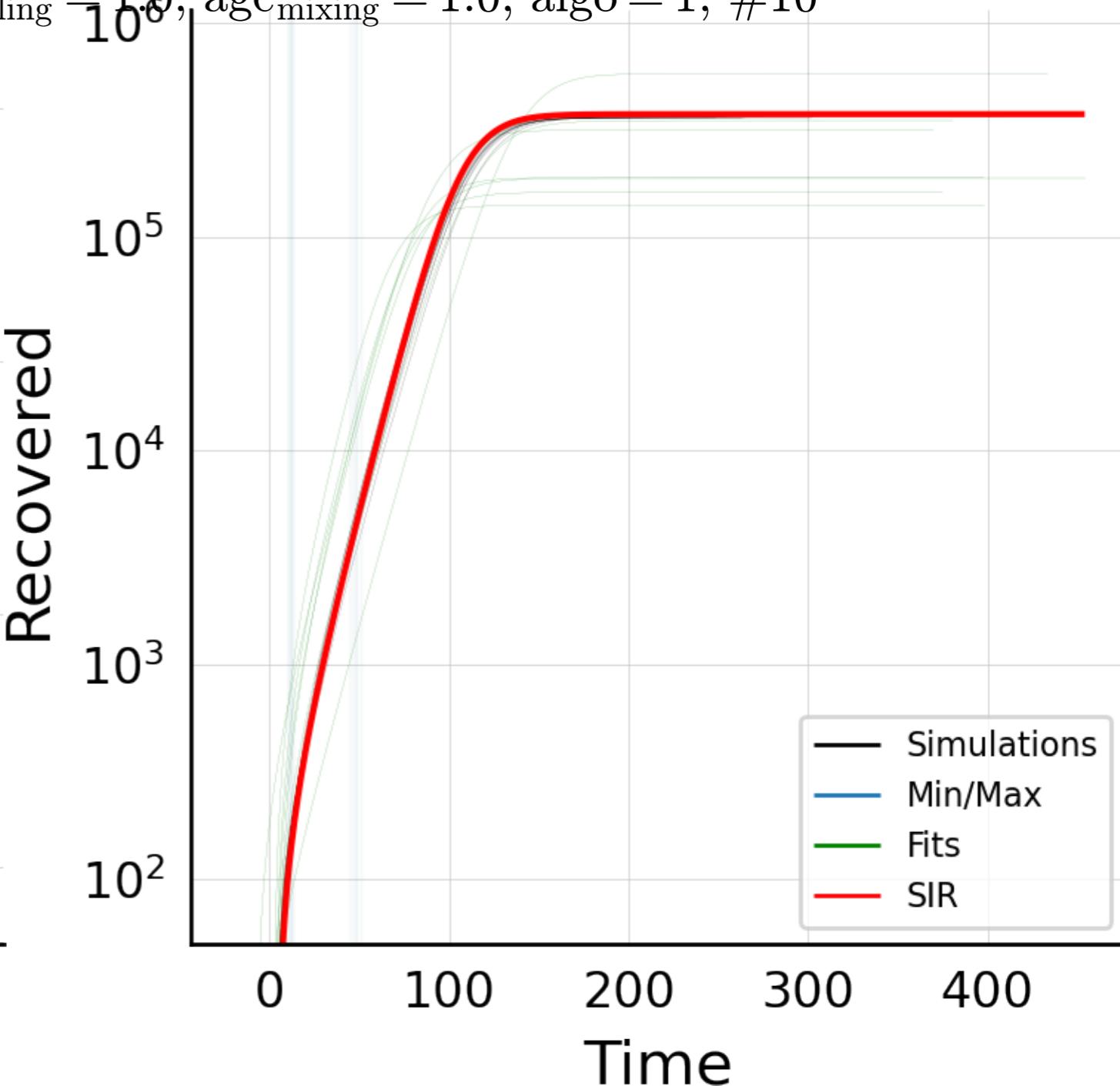
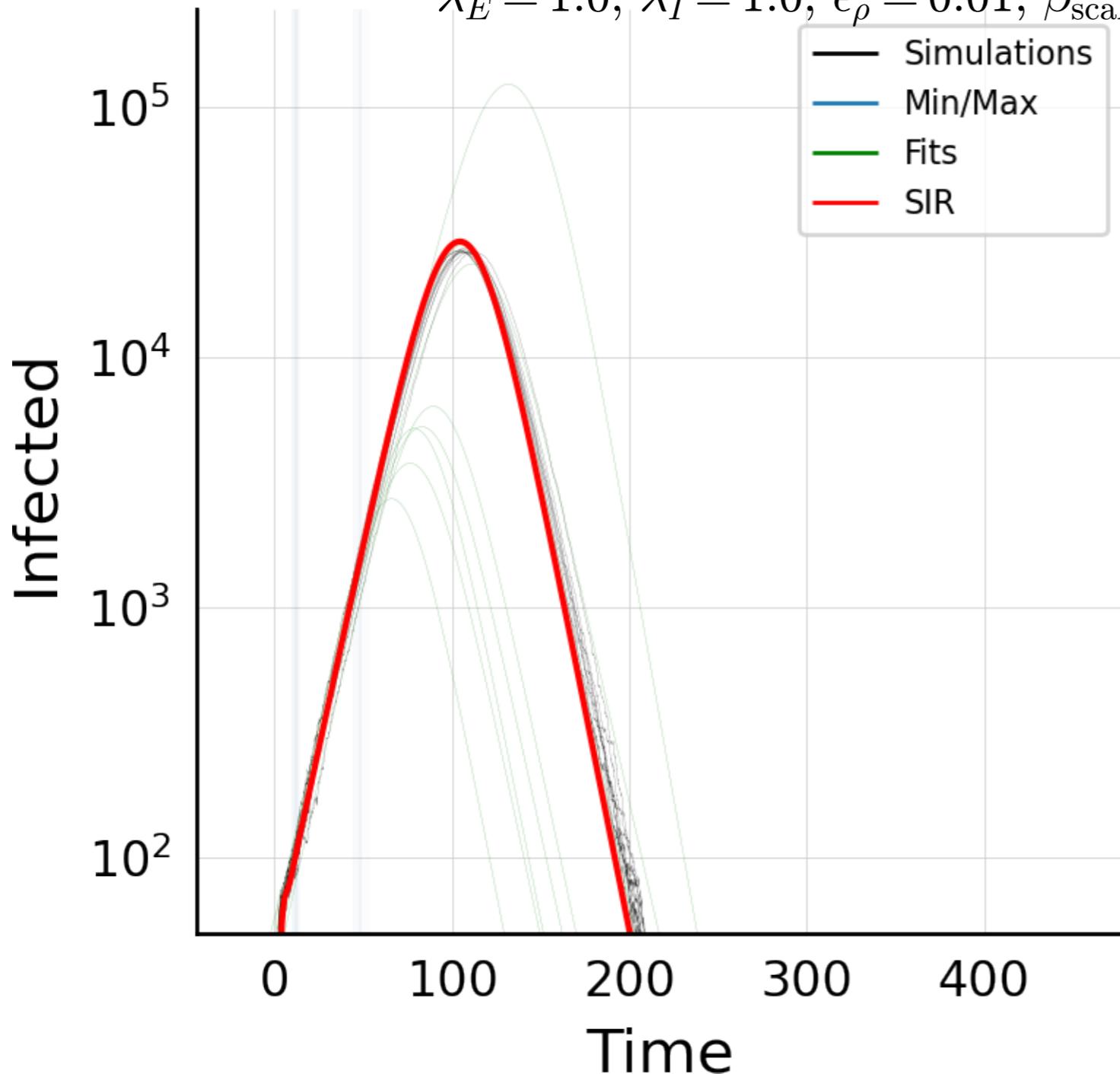
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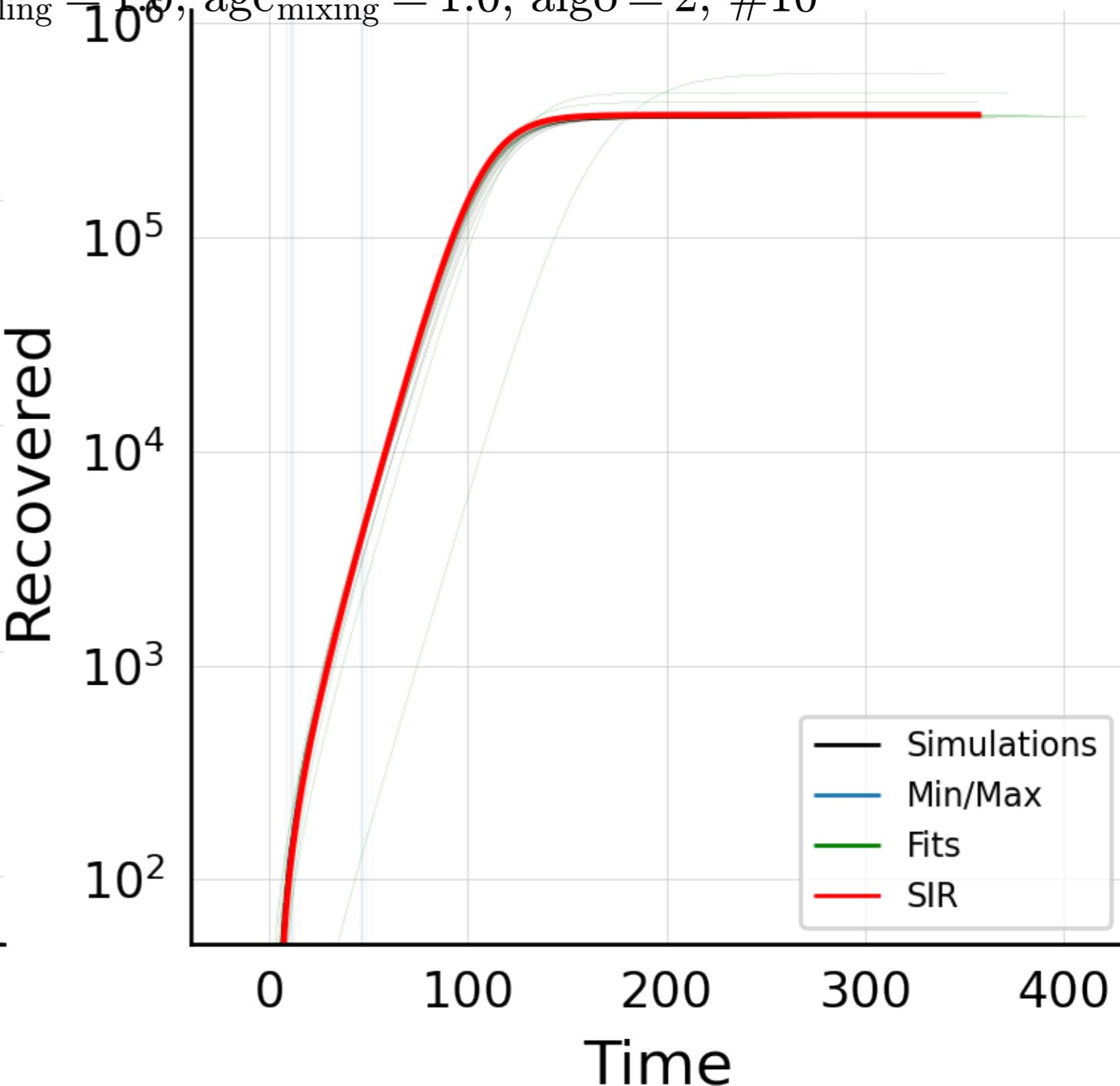
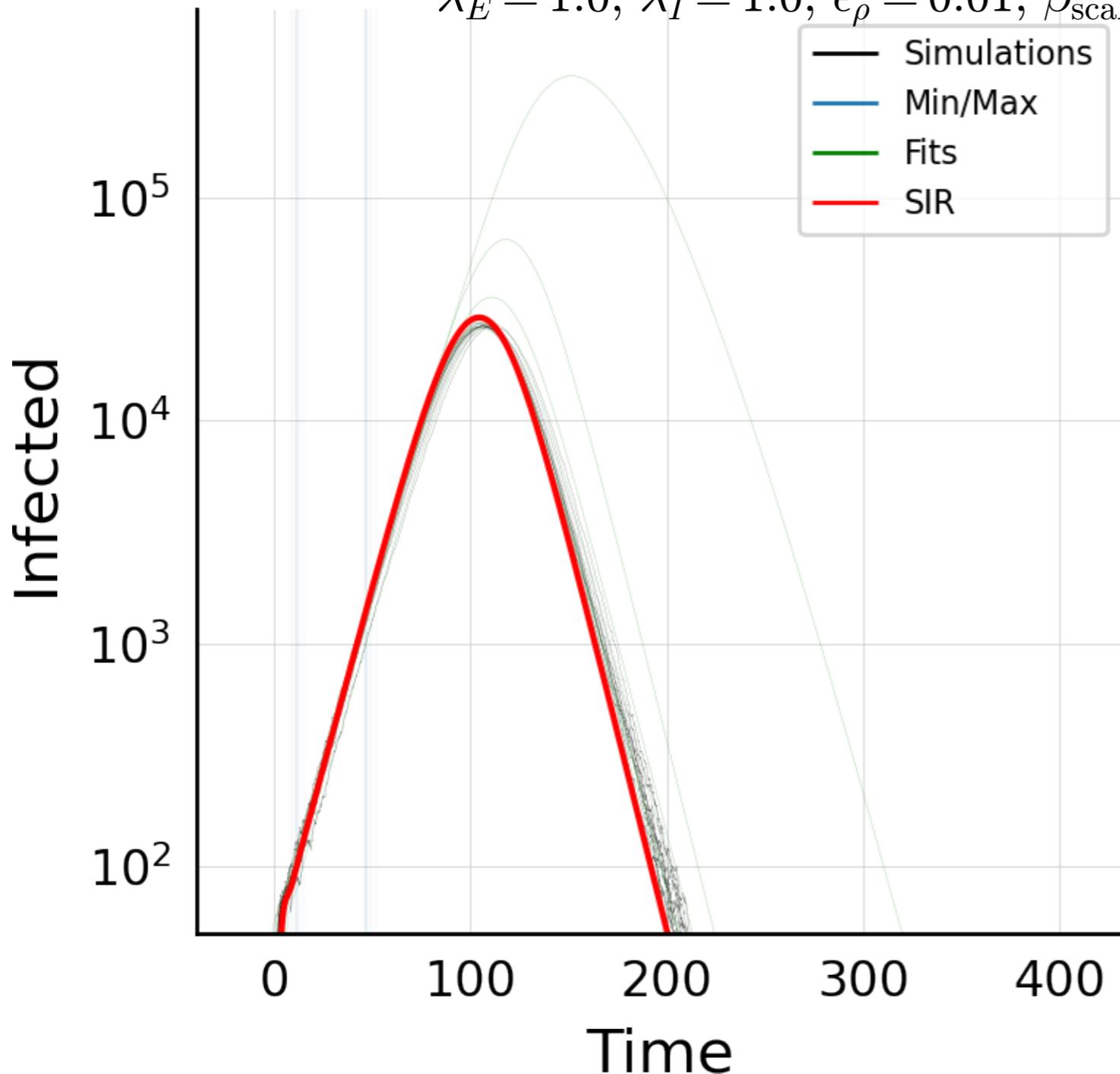
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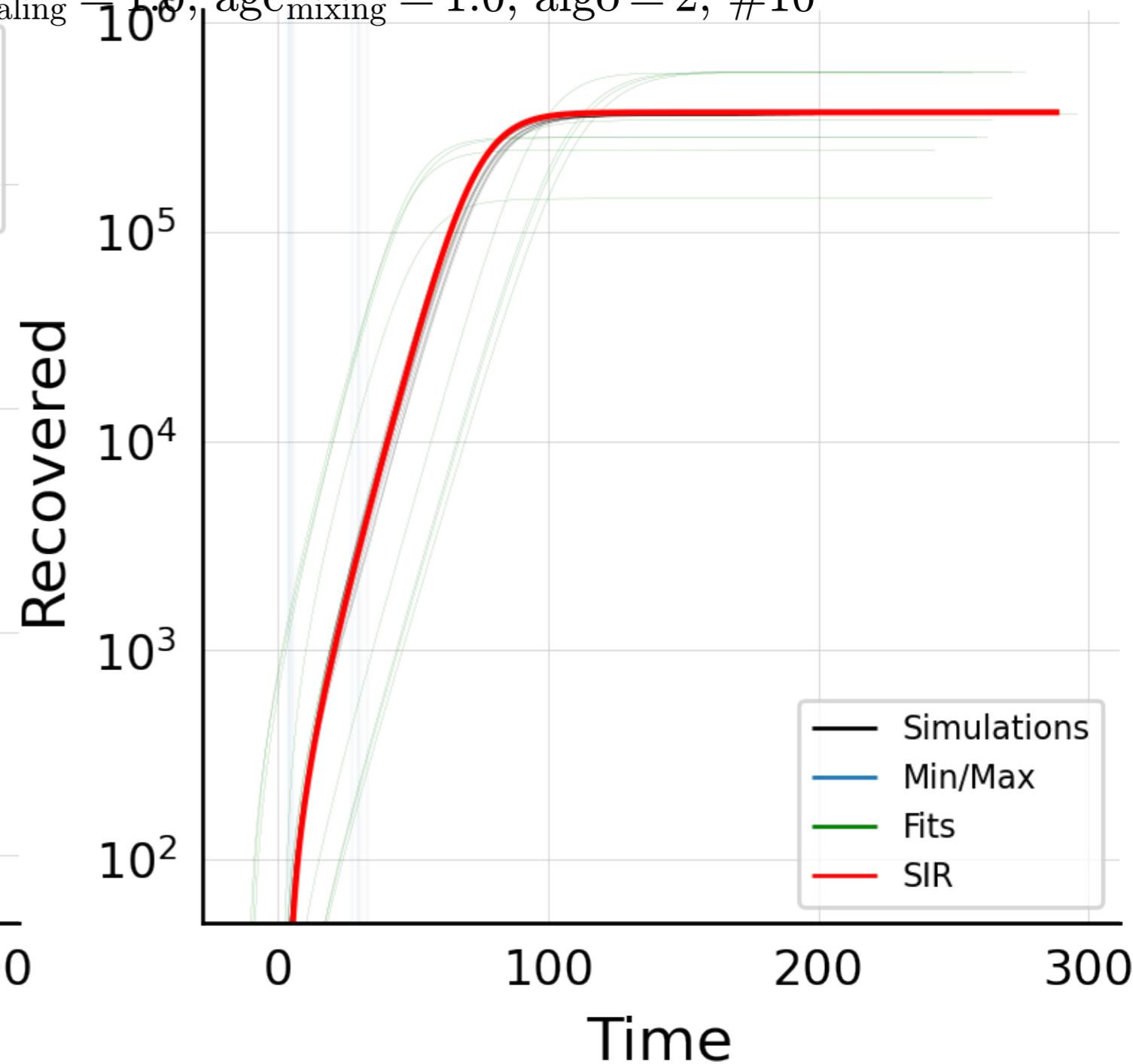
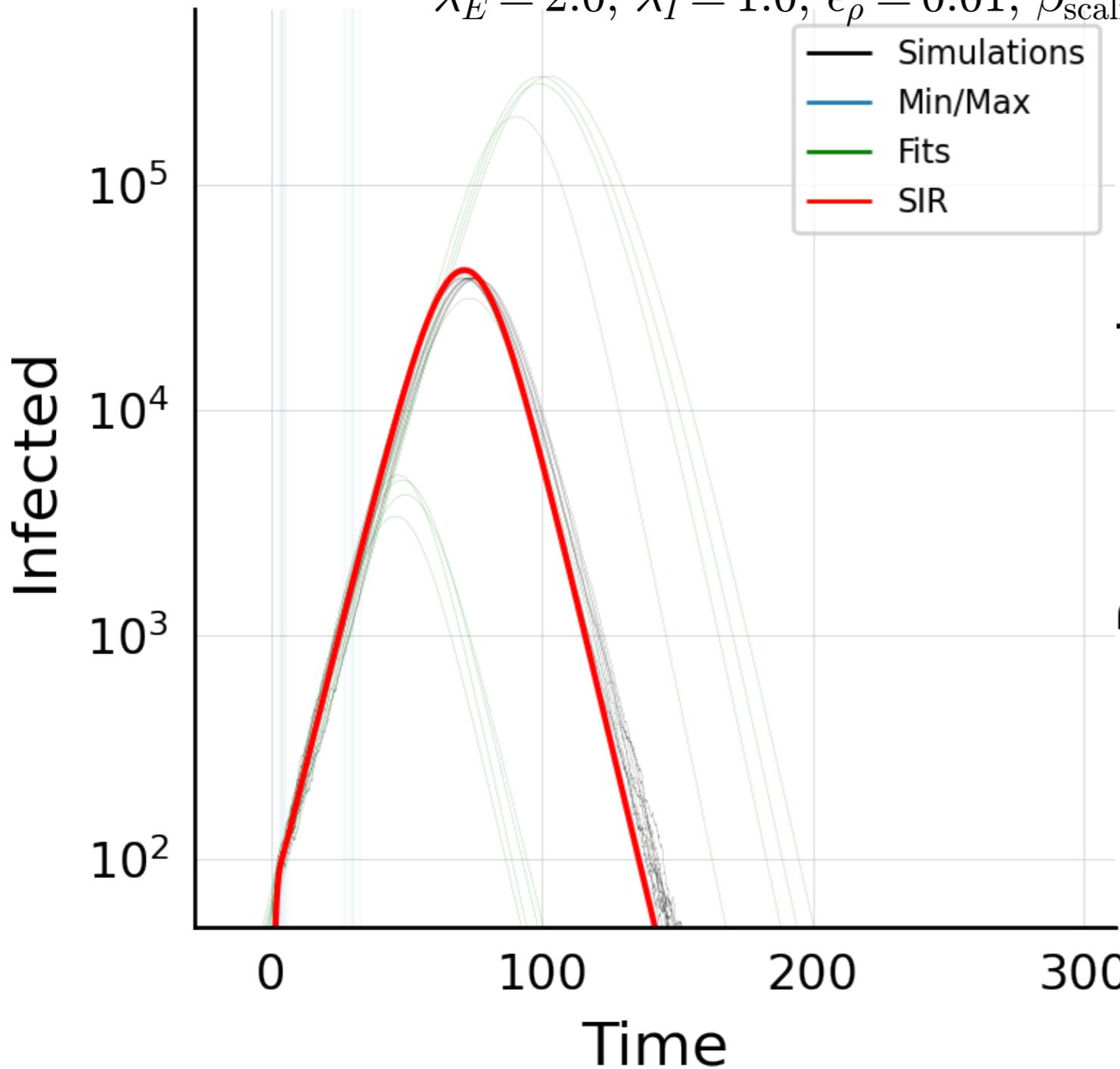
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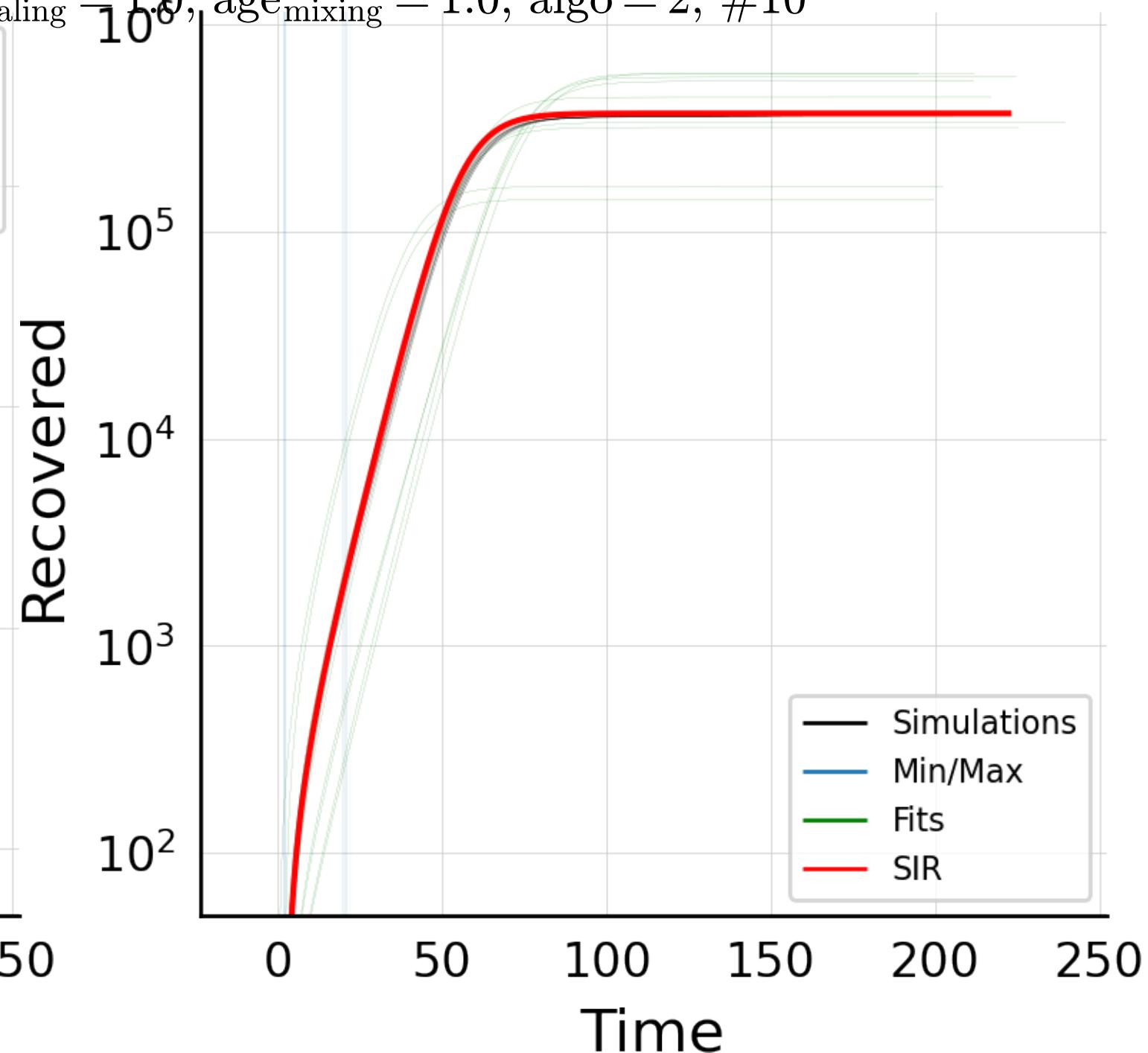
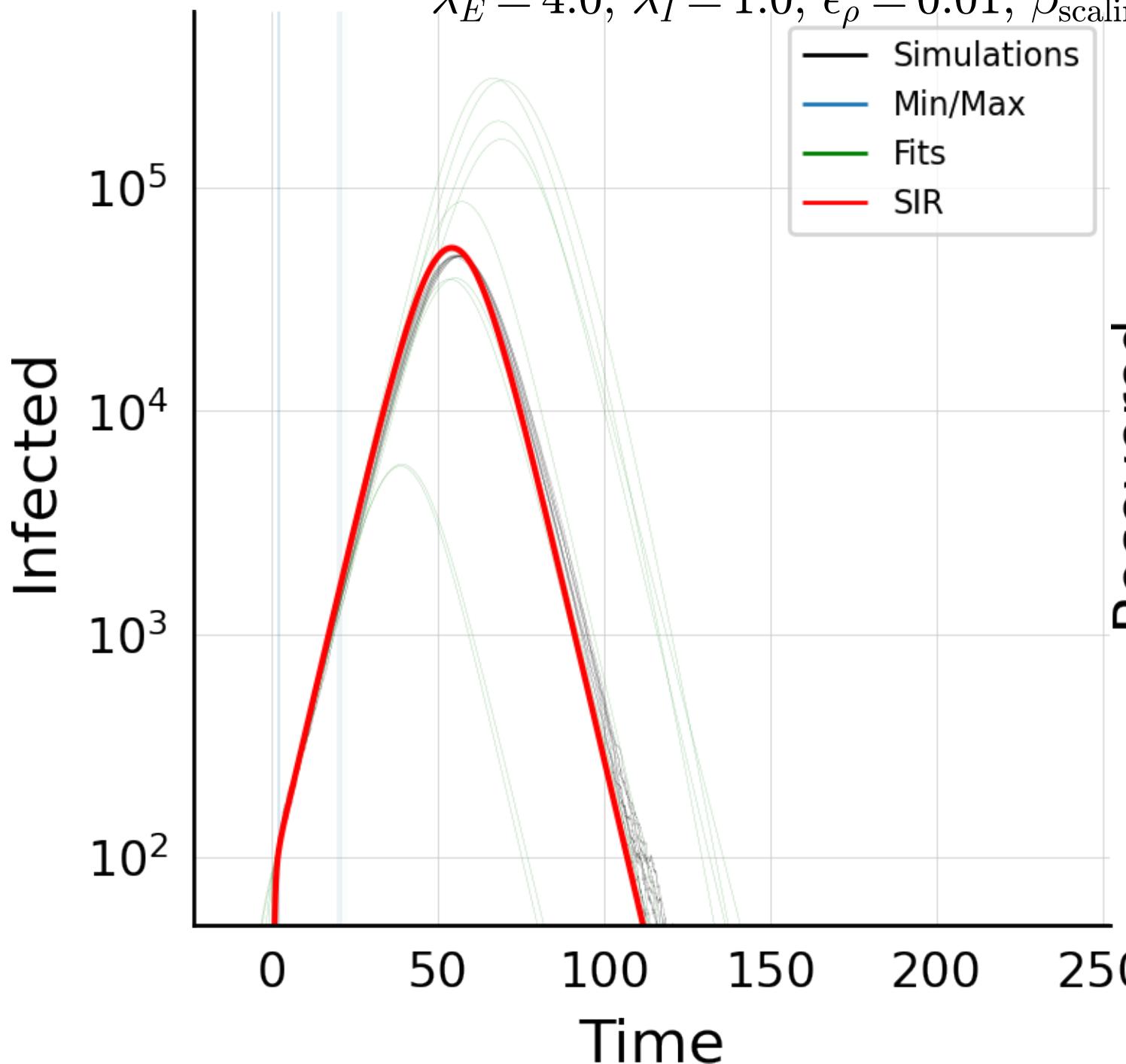
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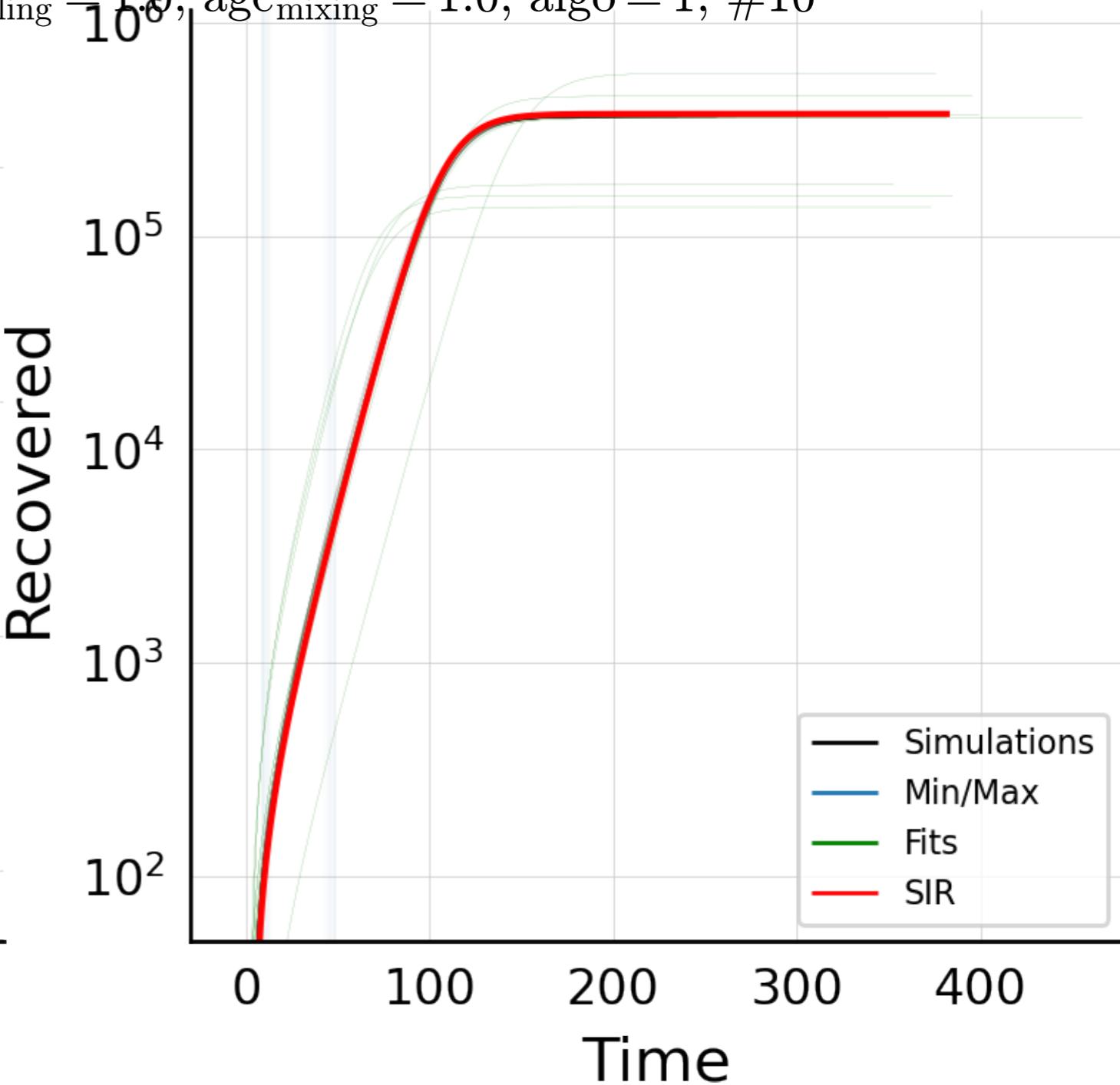
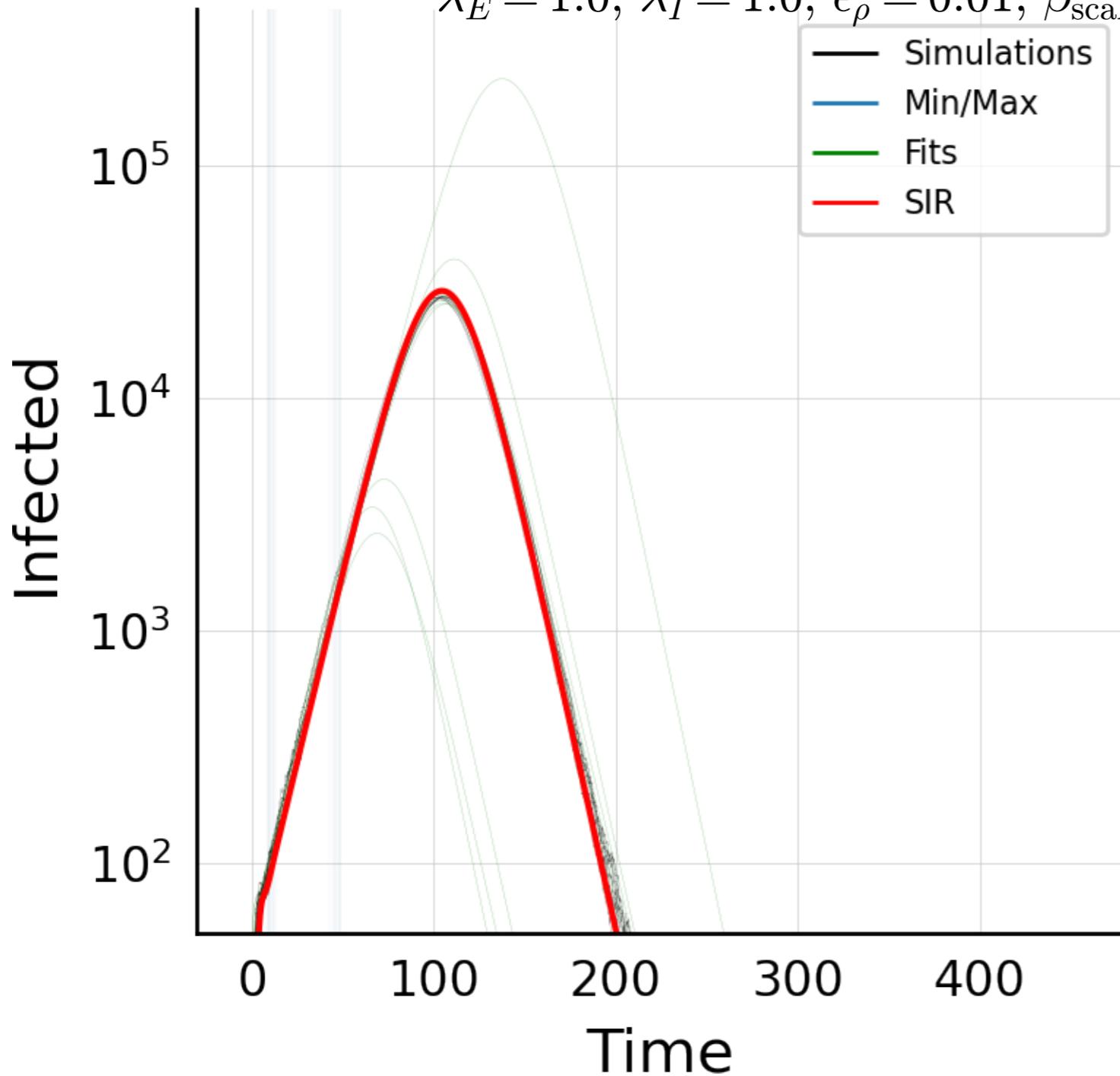
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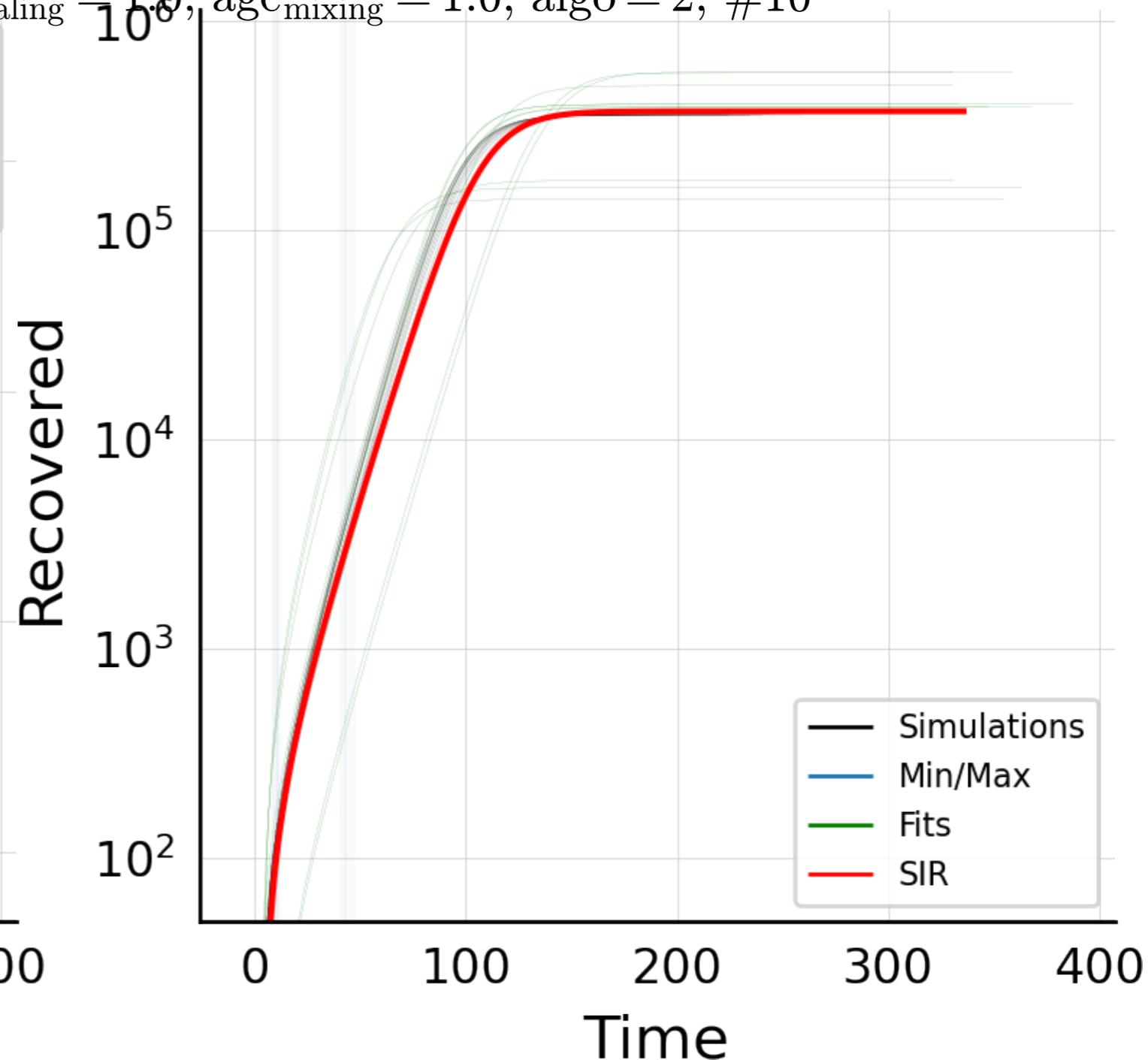
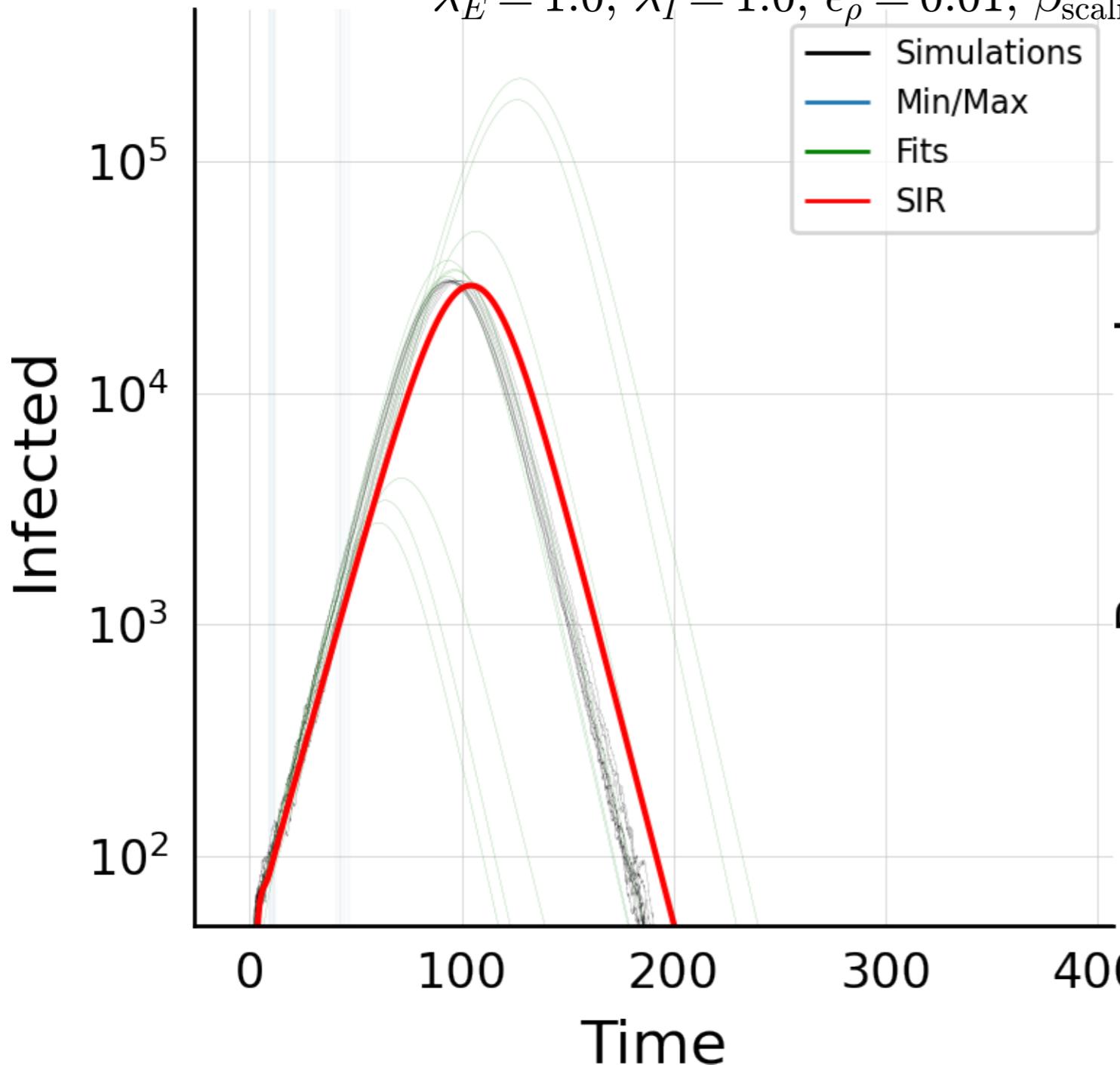
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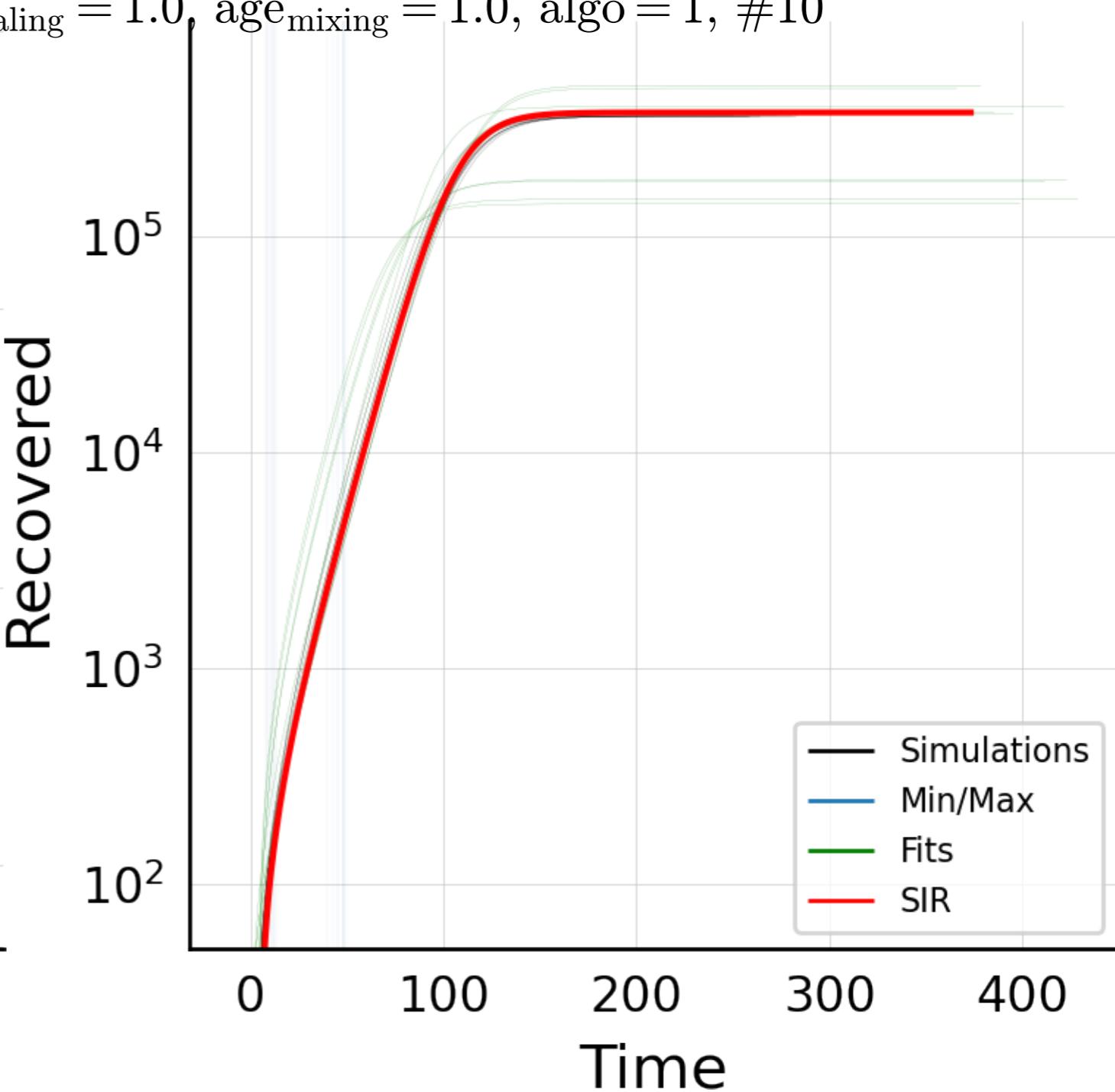
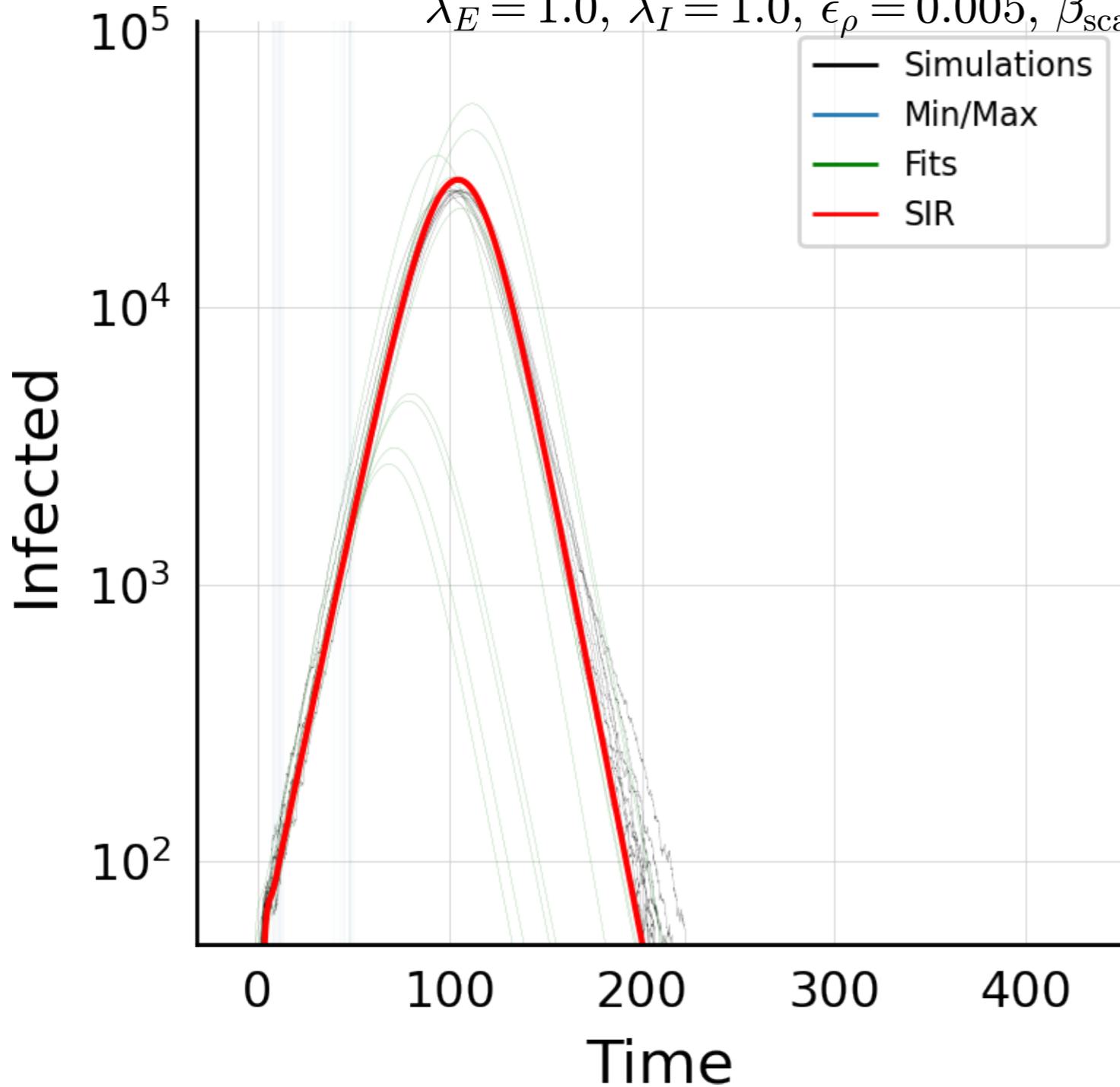
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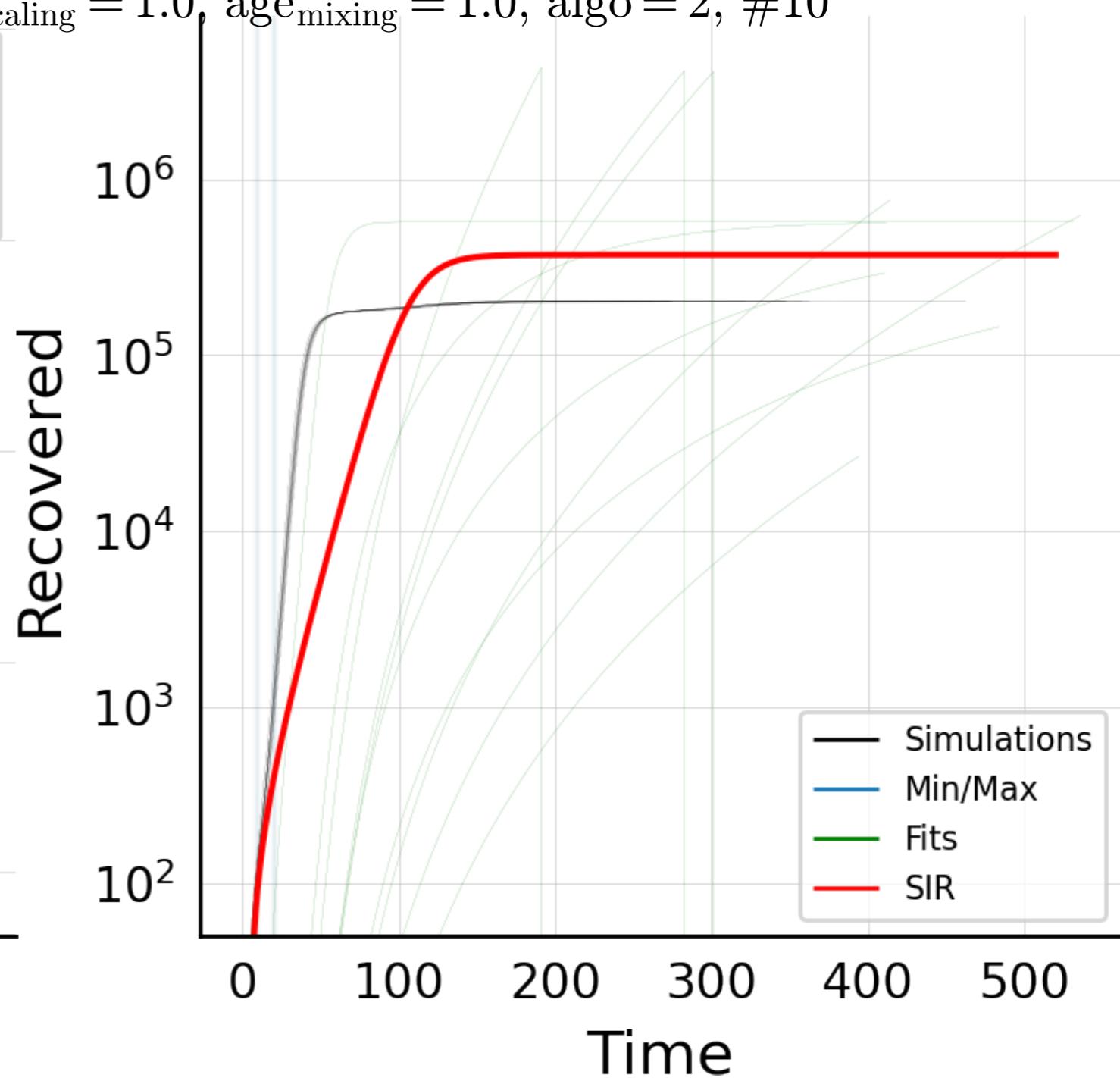
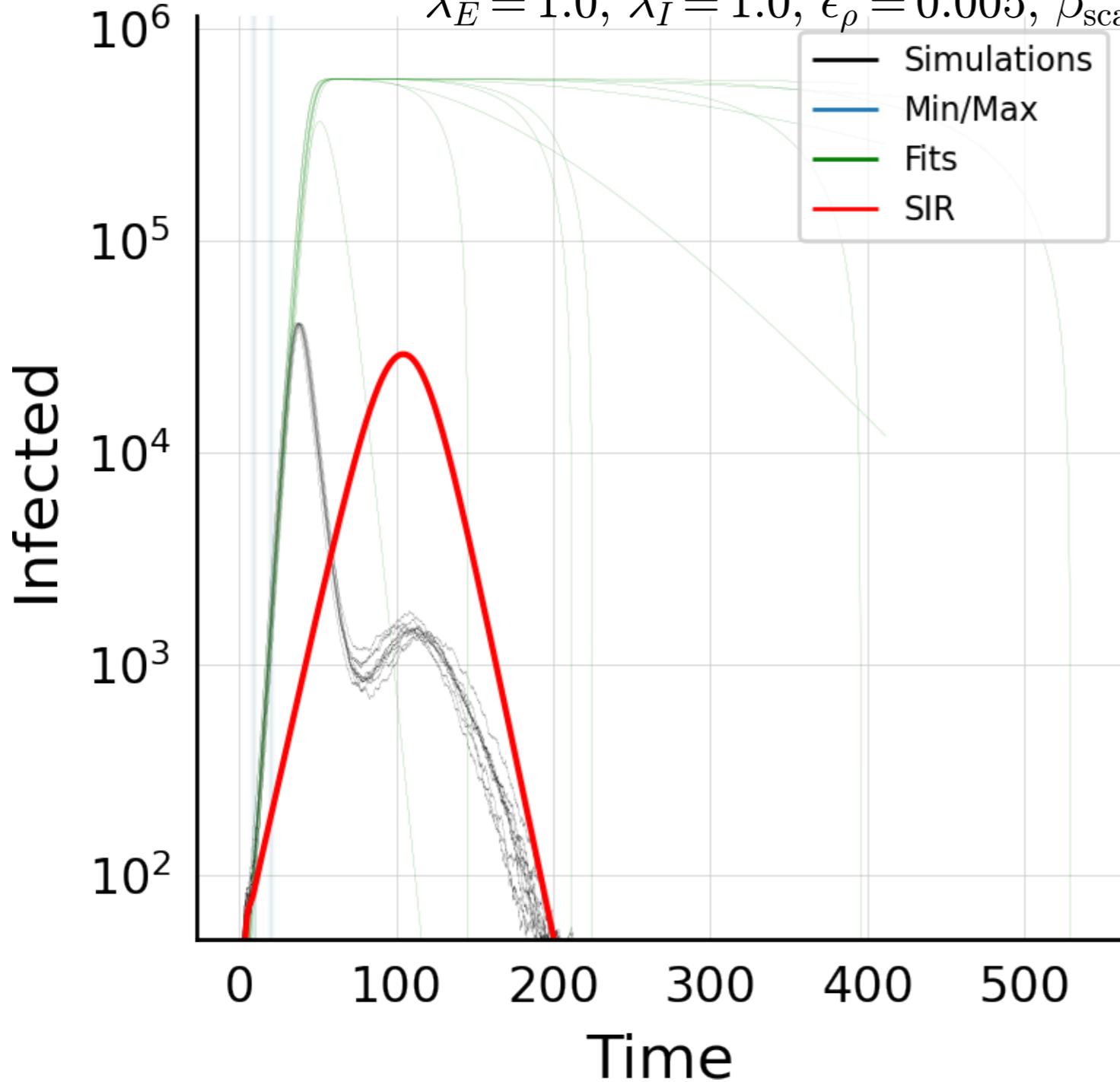
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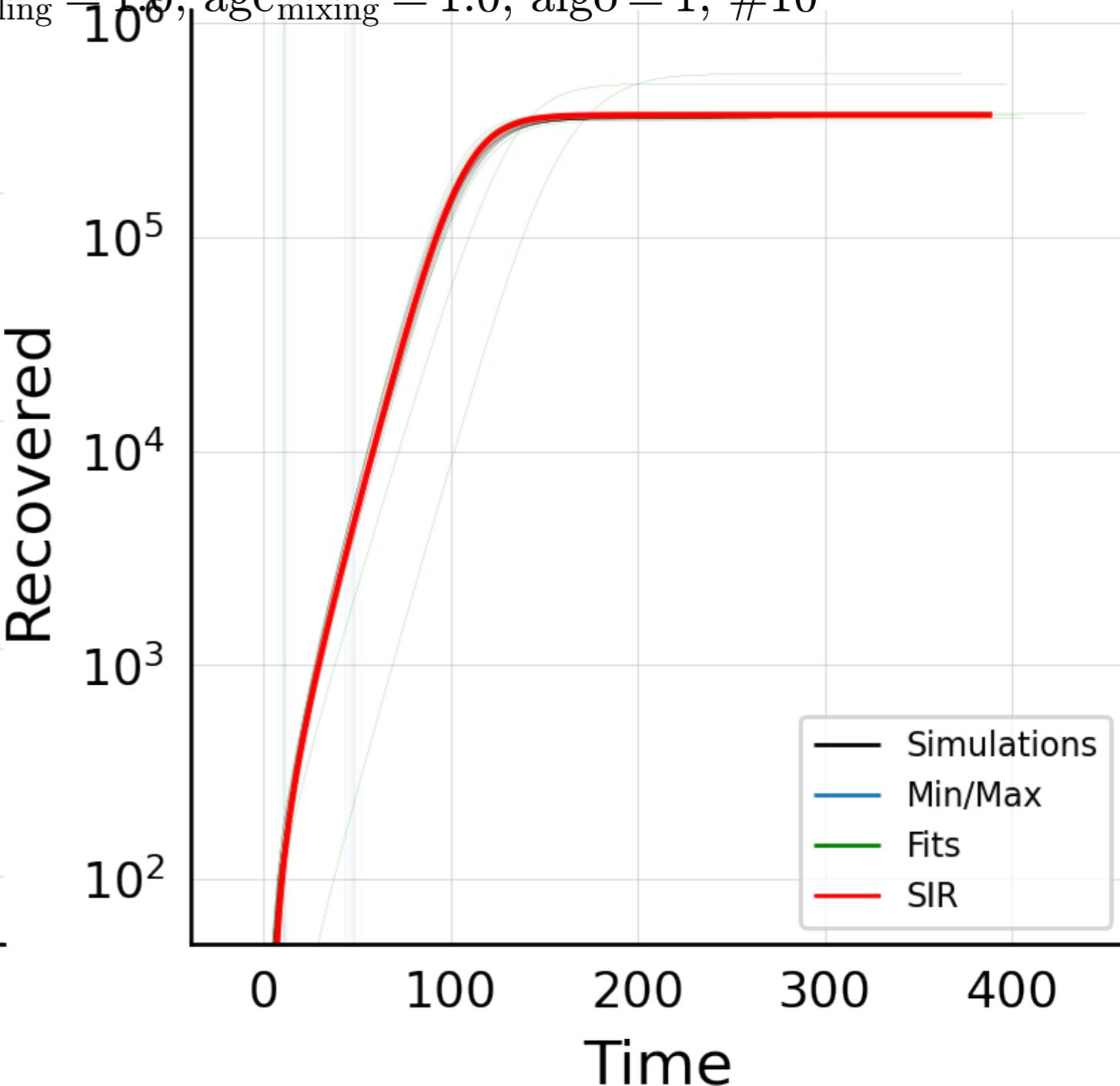
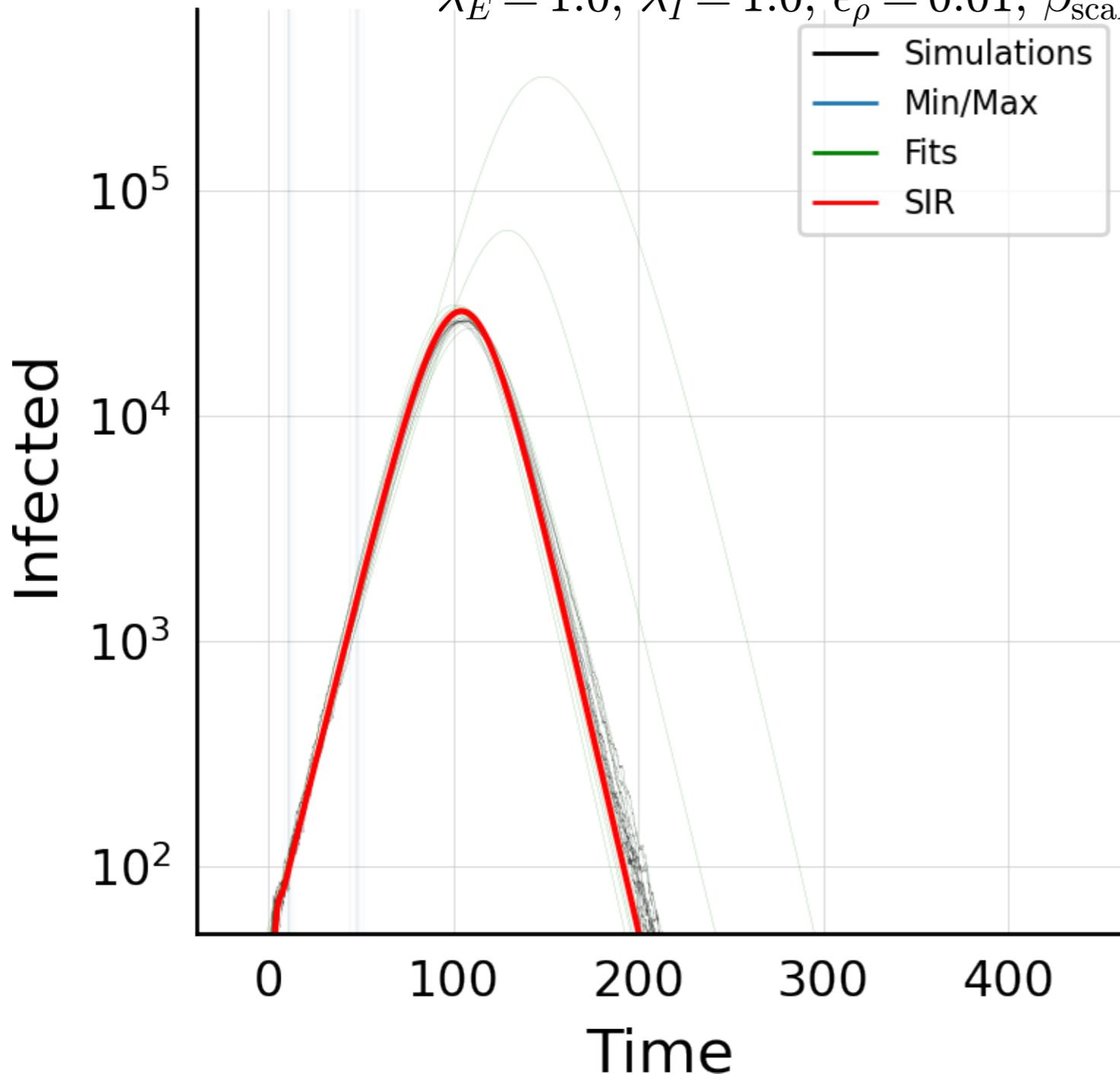
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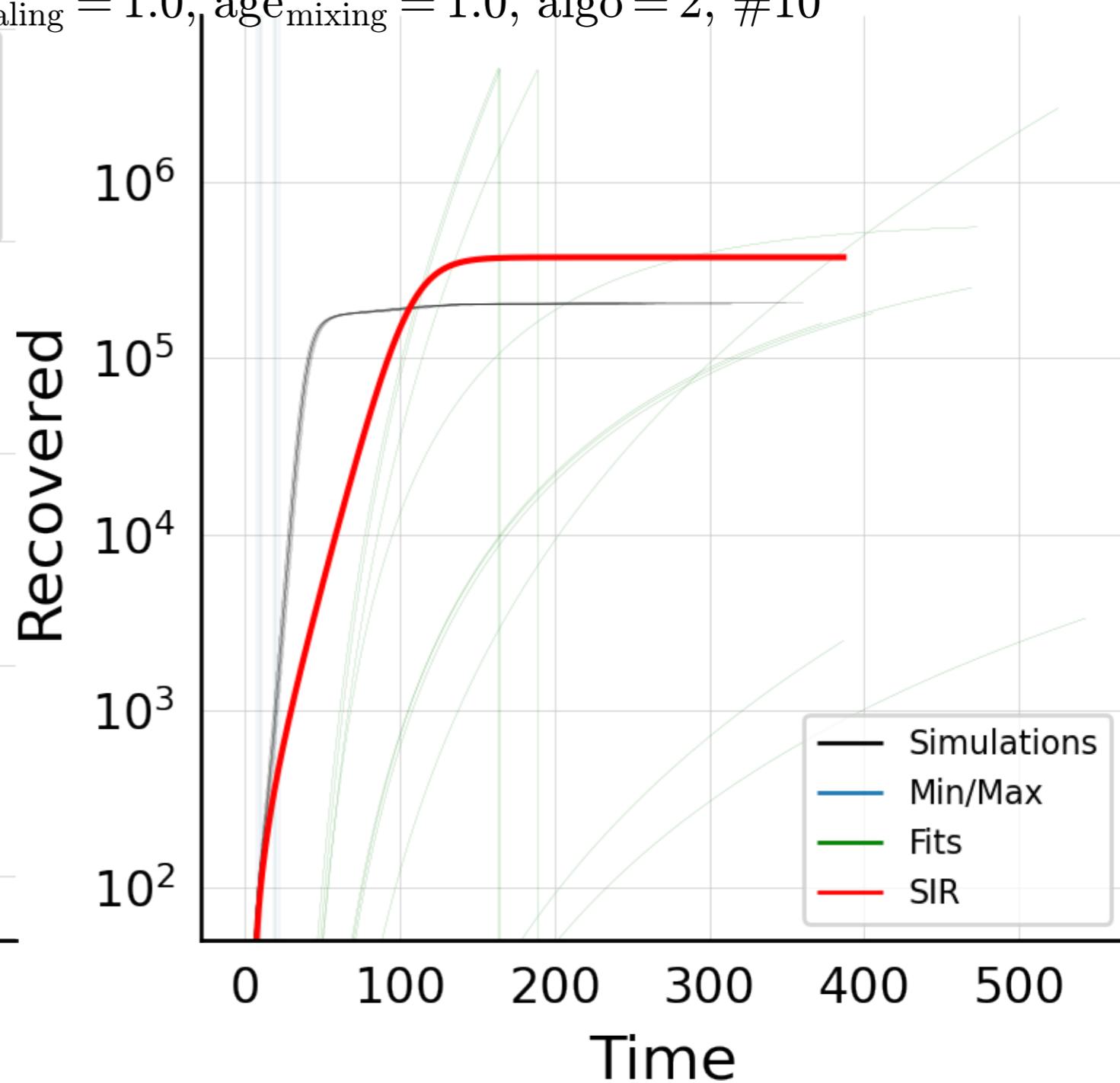
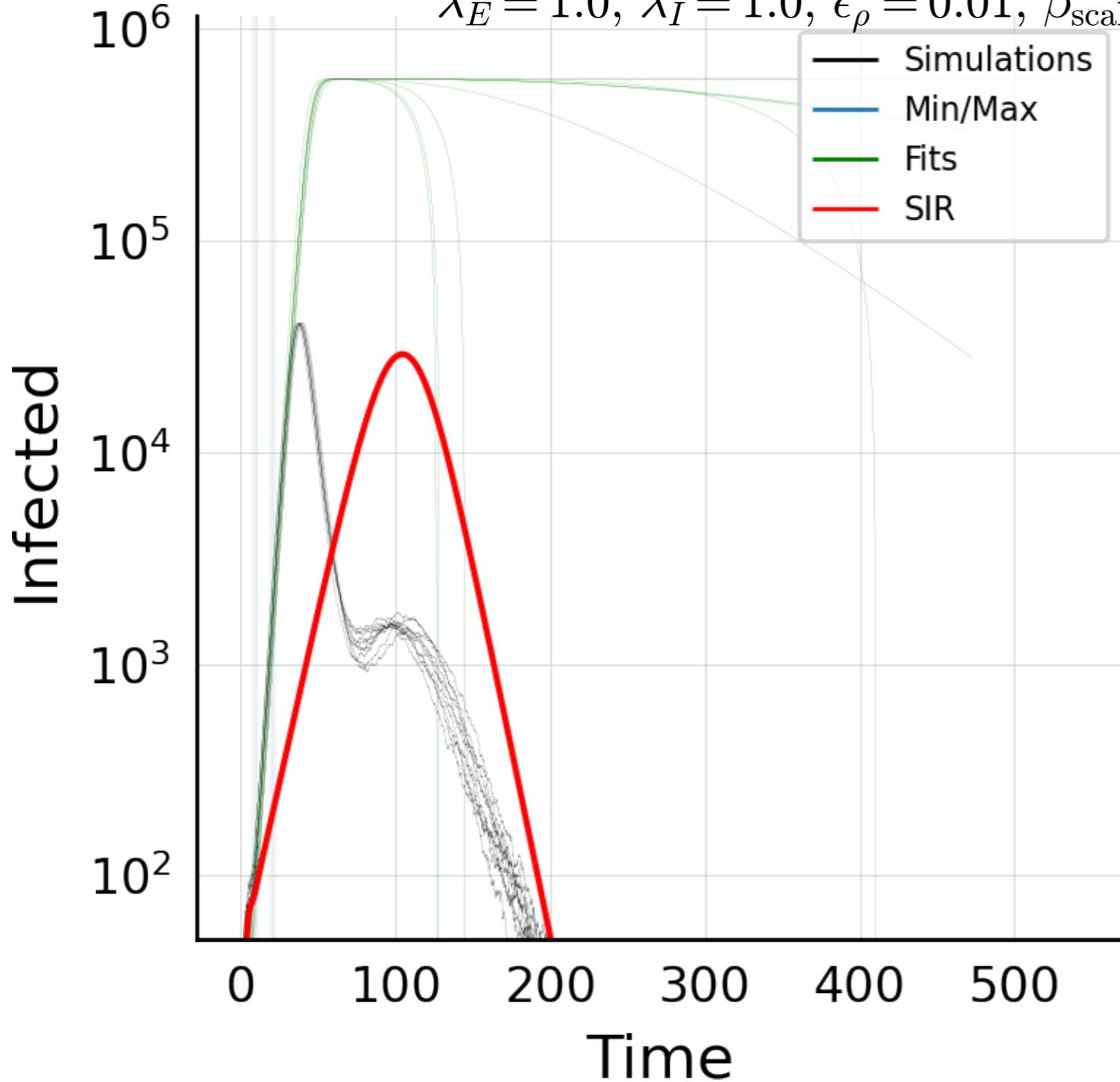
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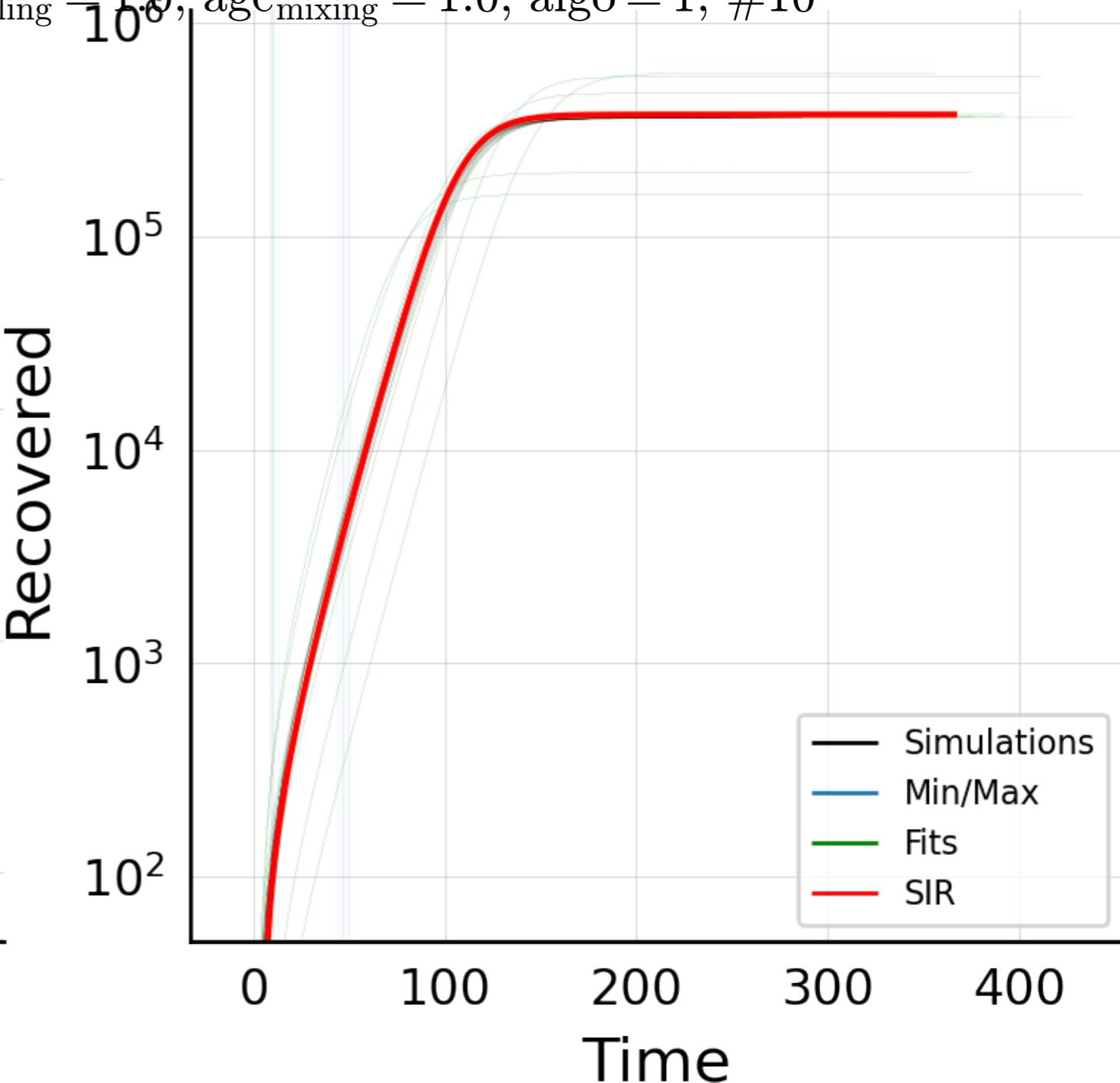
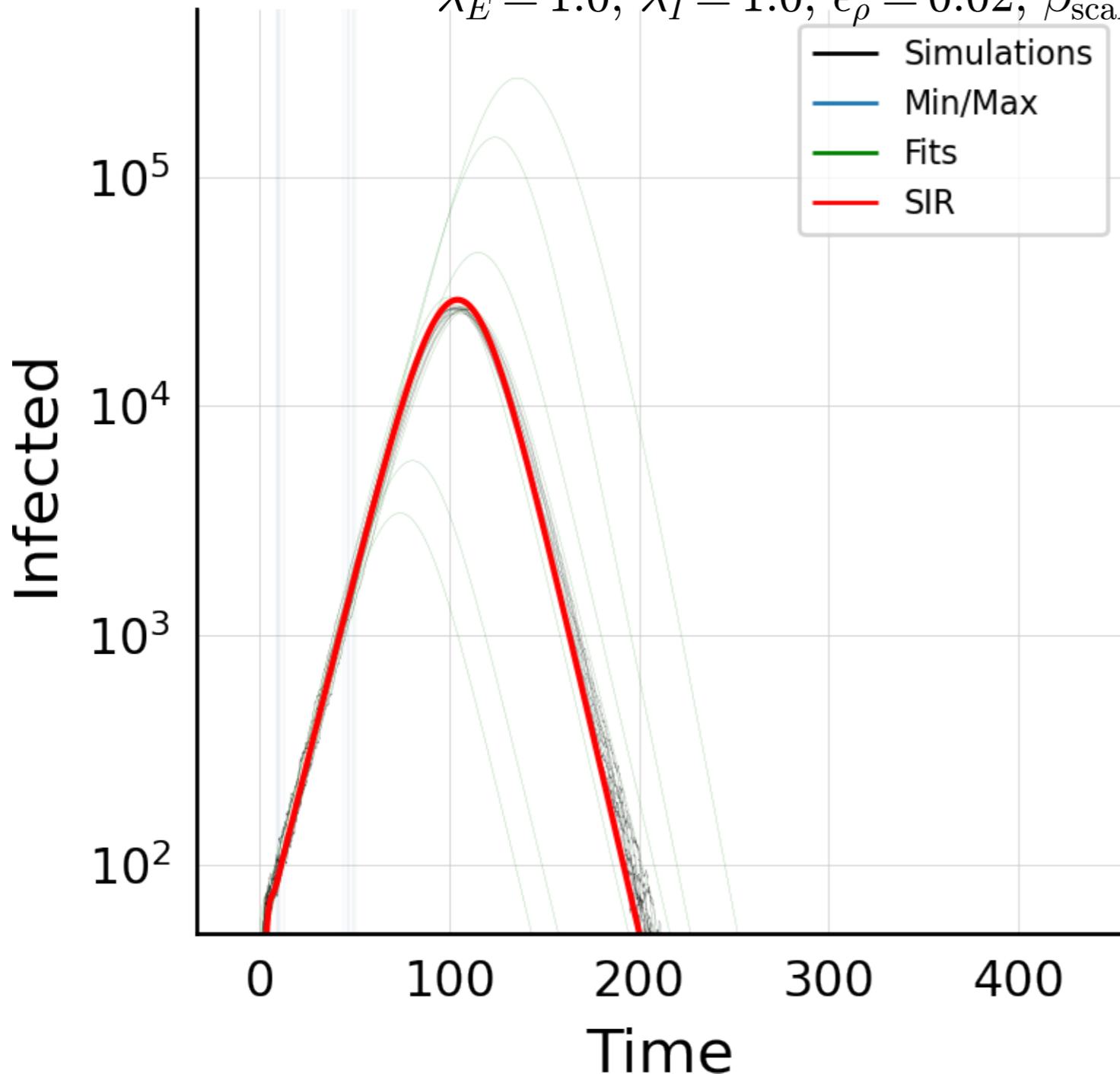
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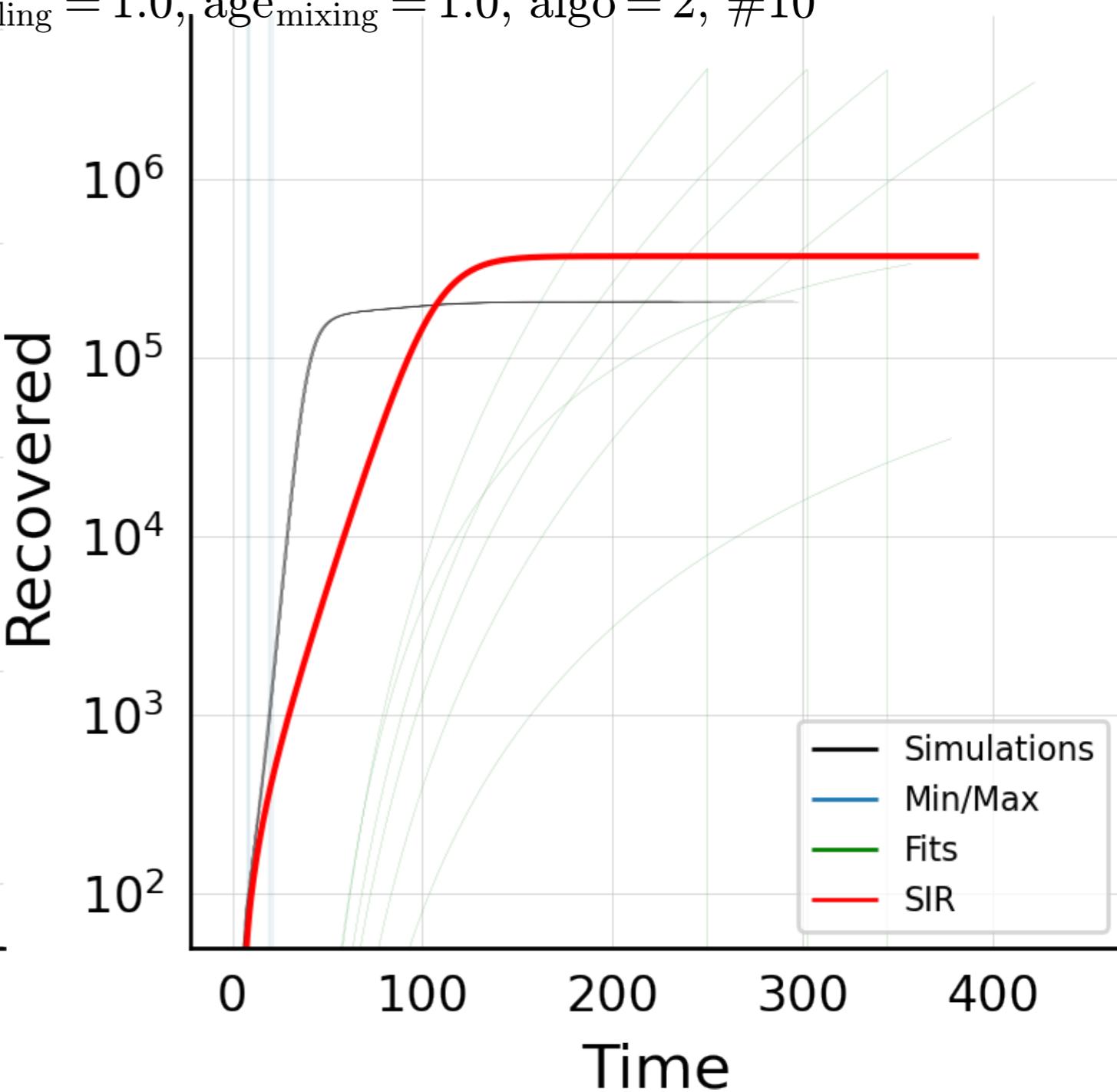
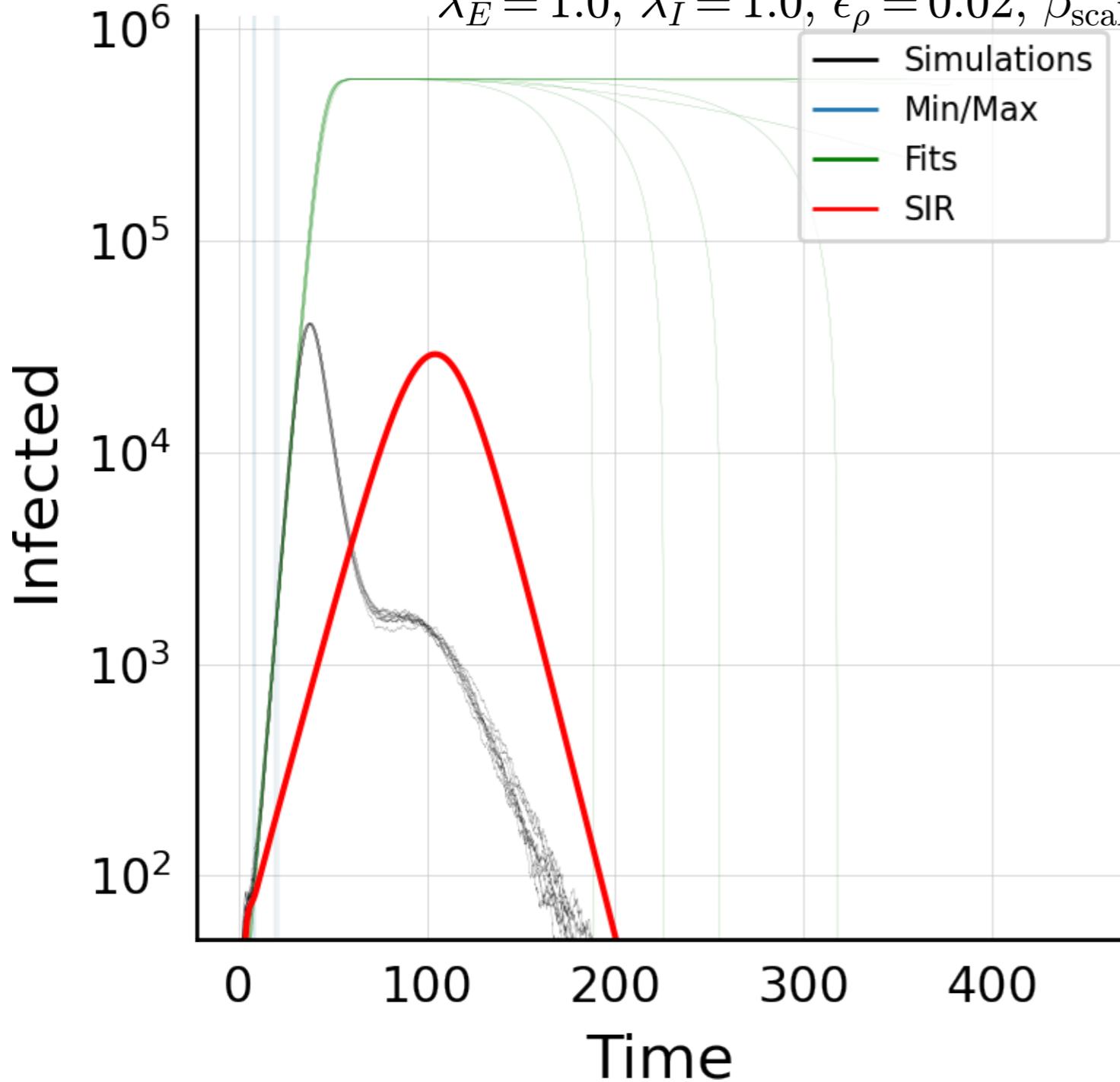
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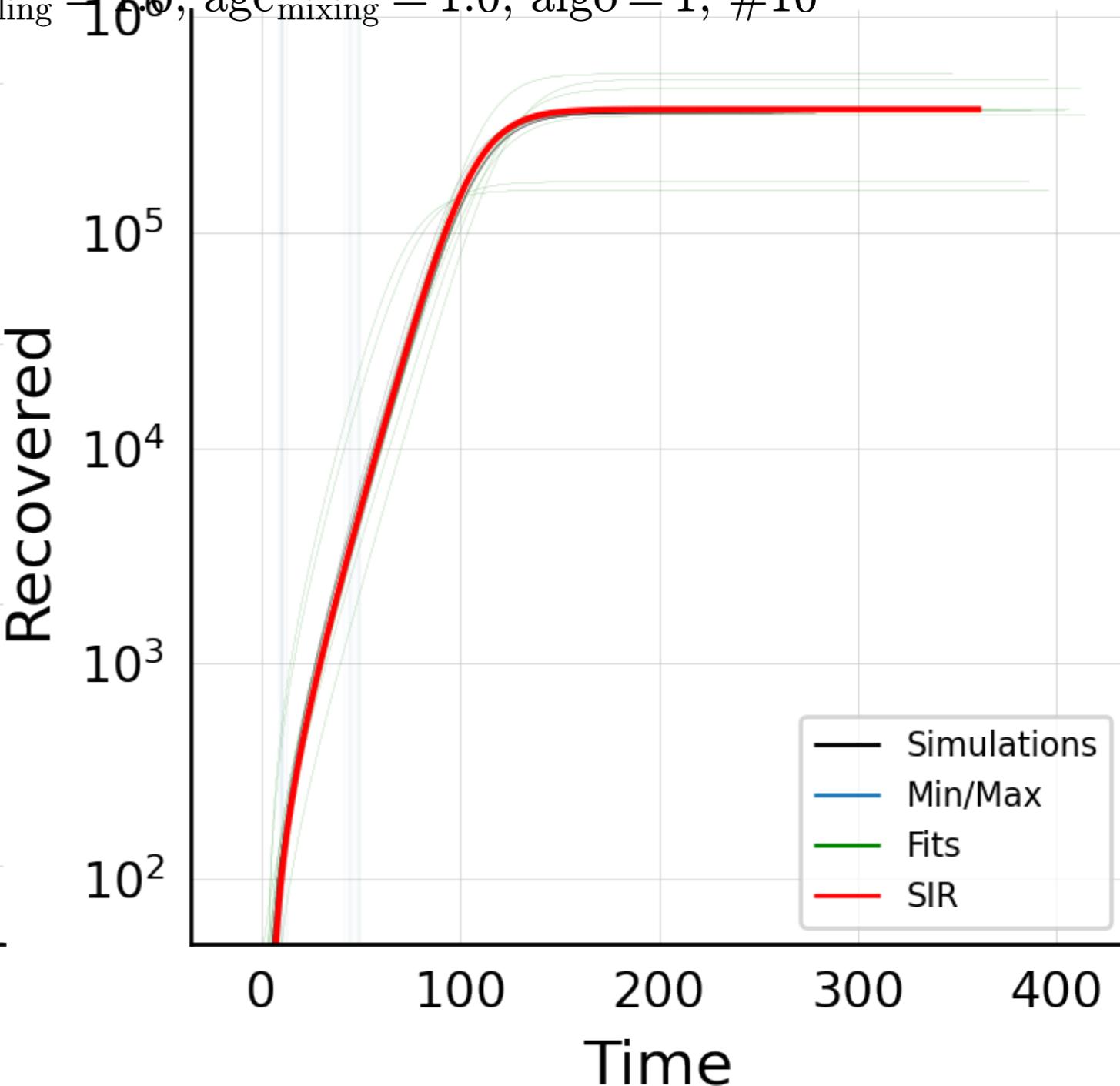
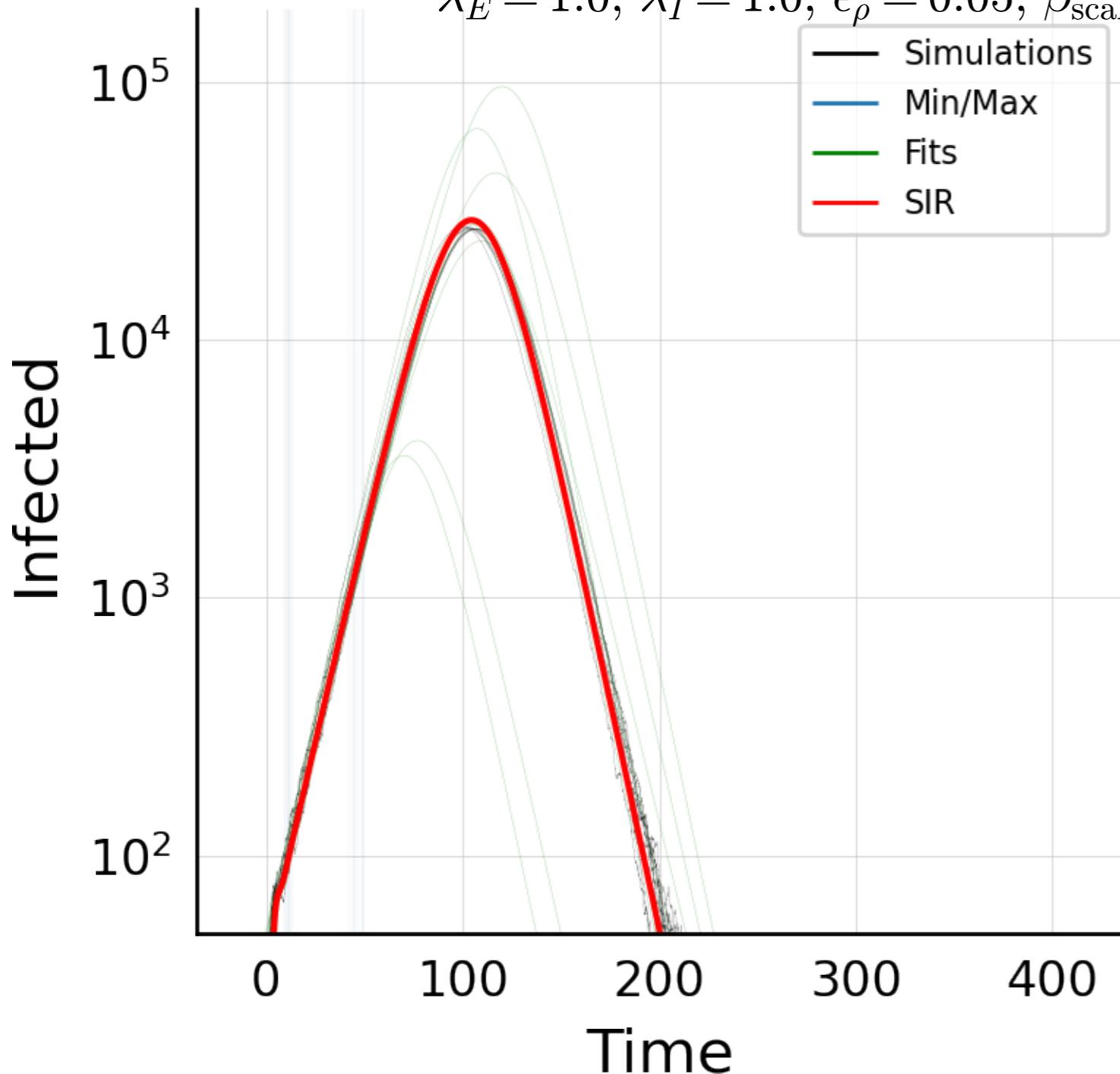
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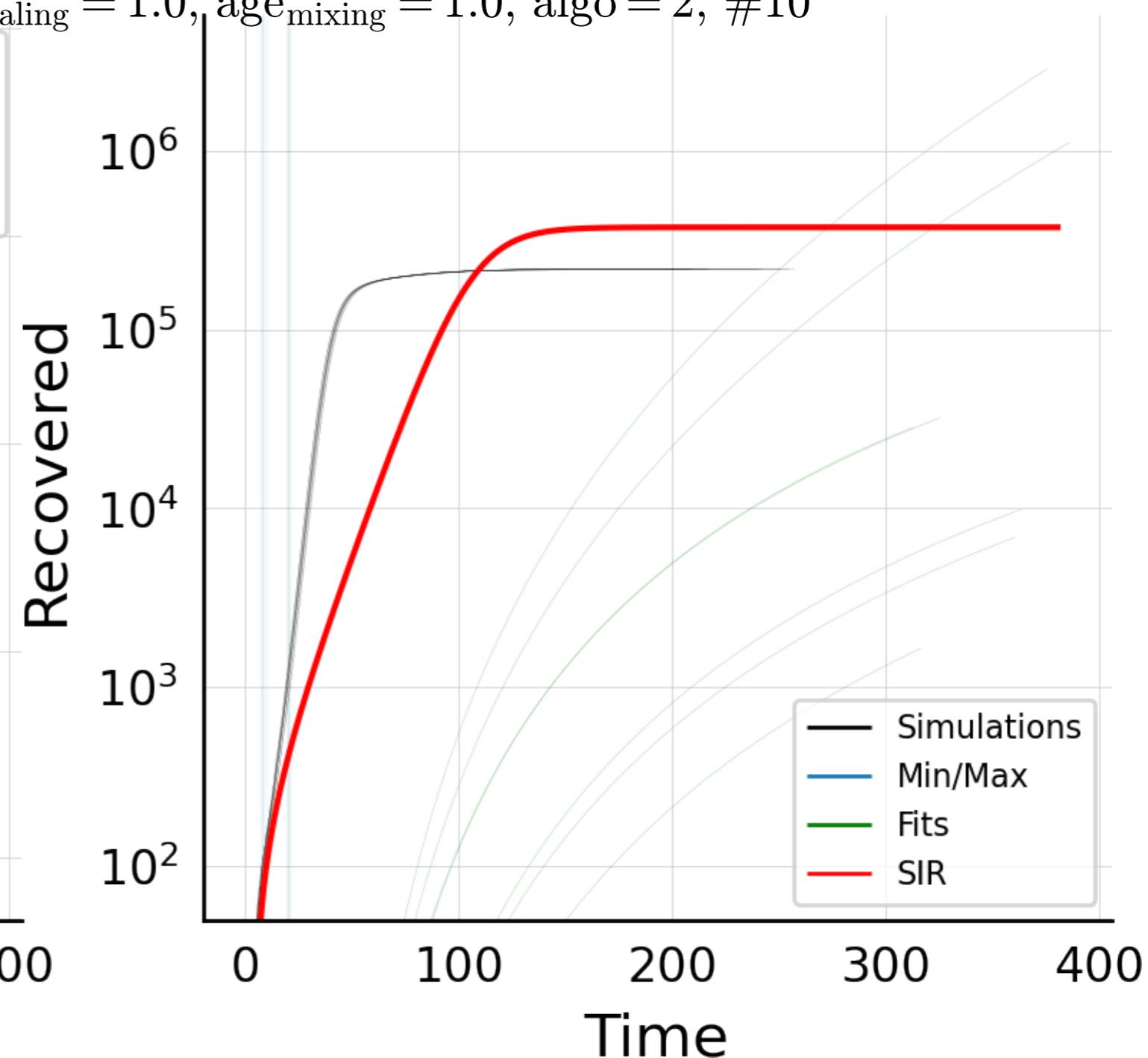
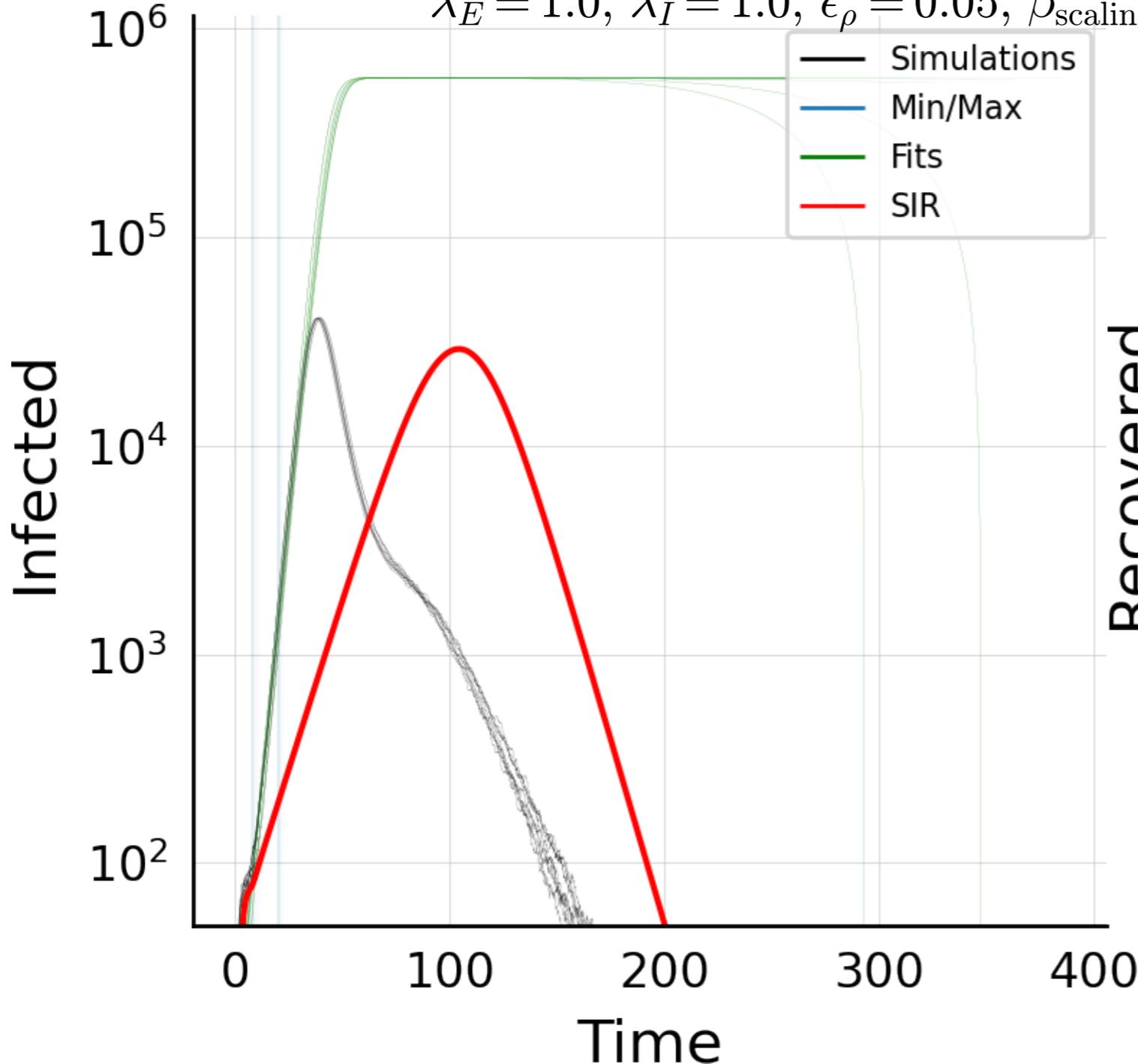
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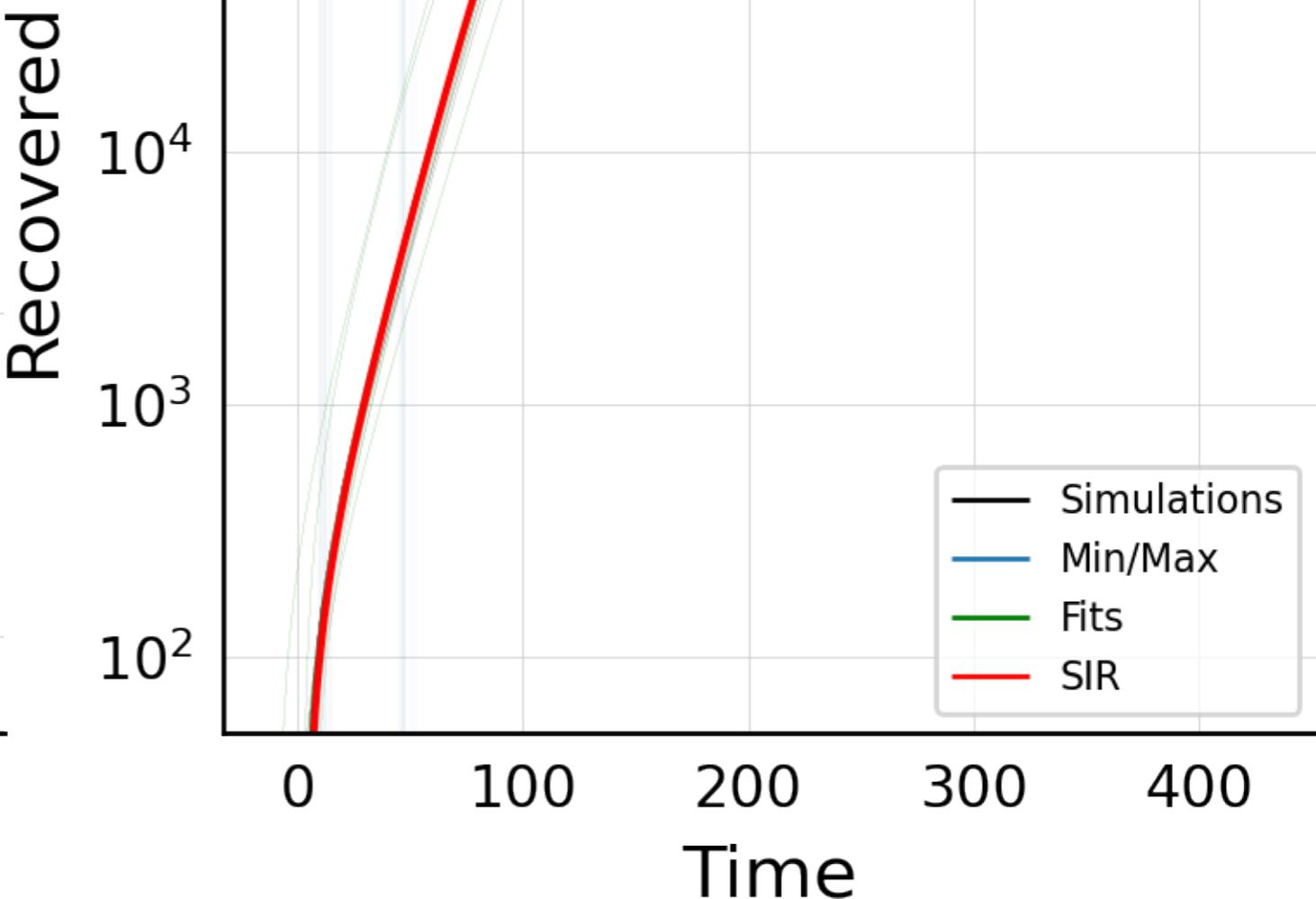
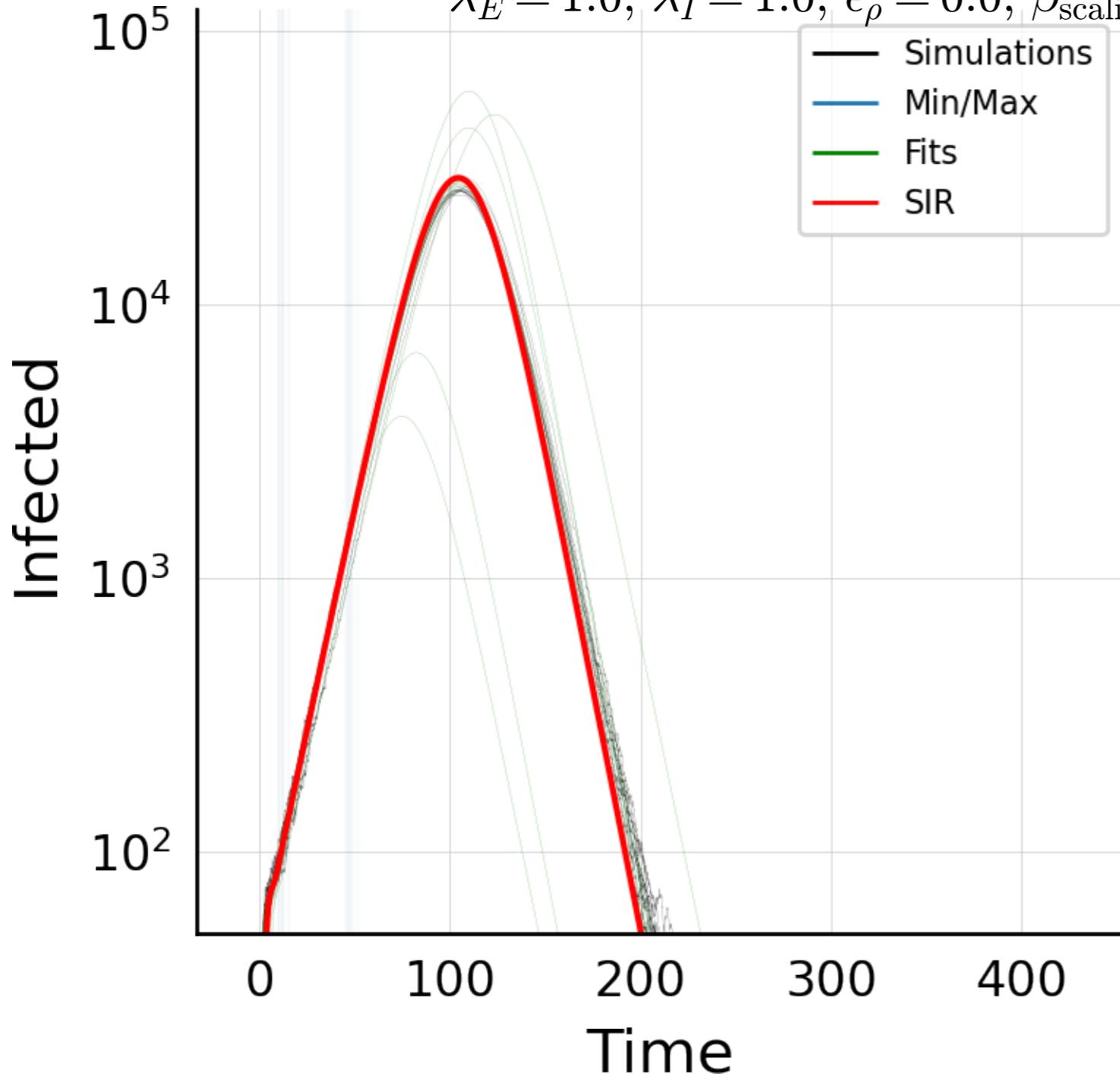
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.05$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



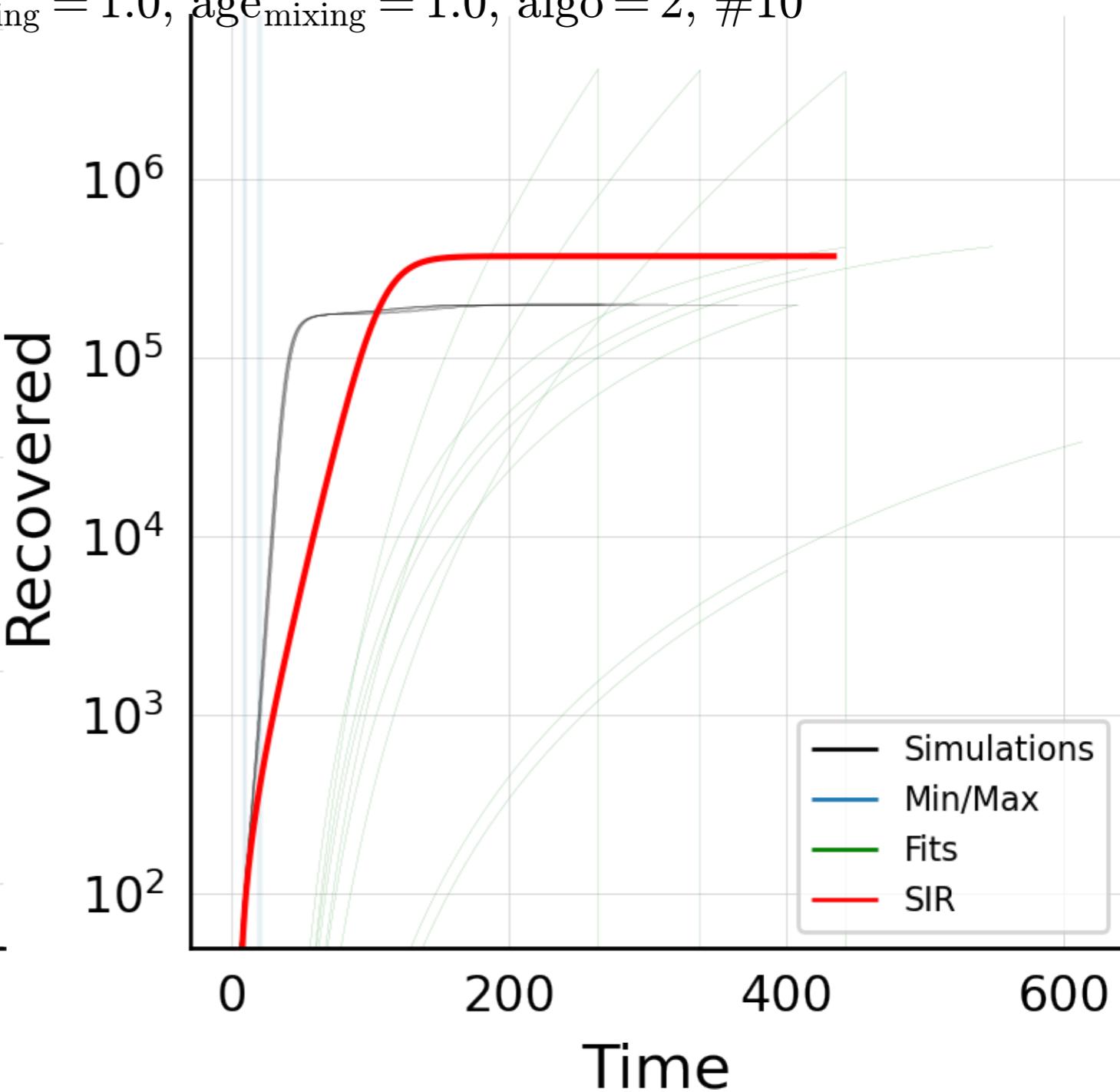
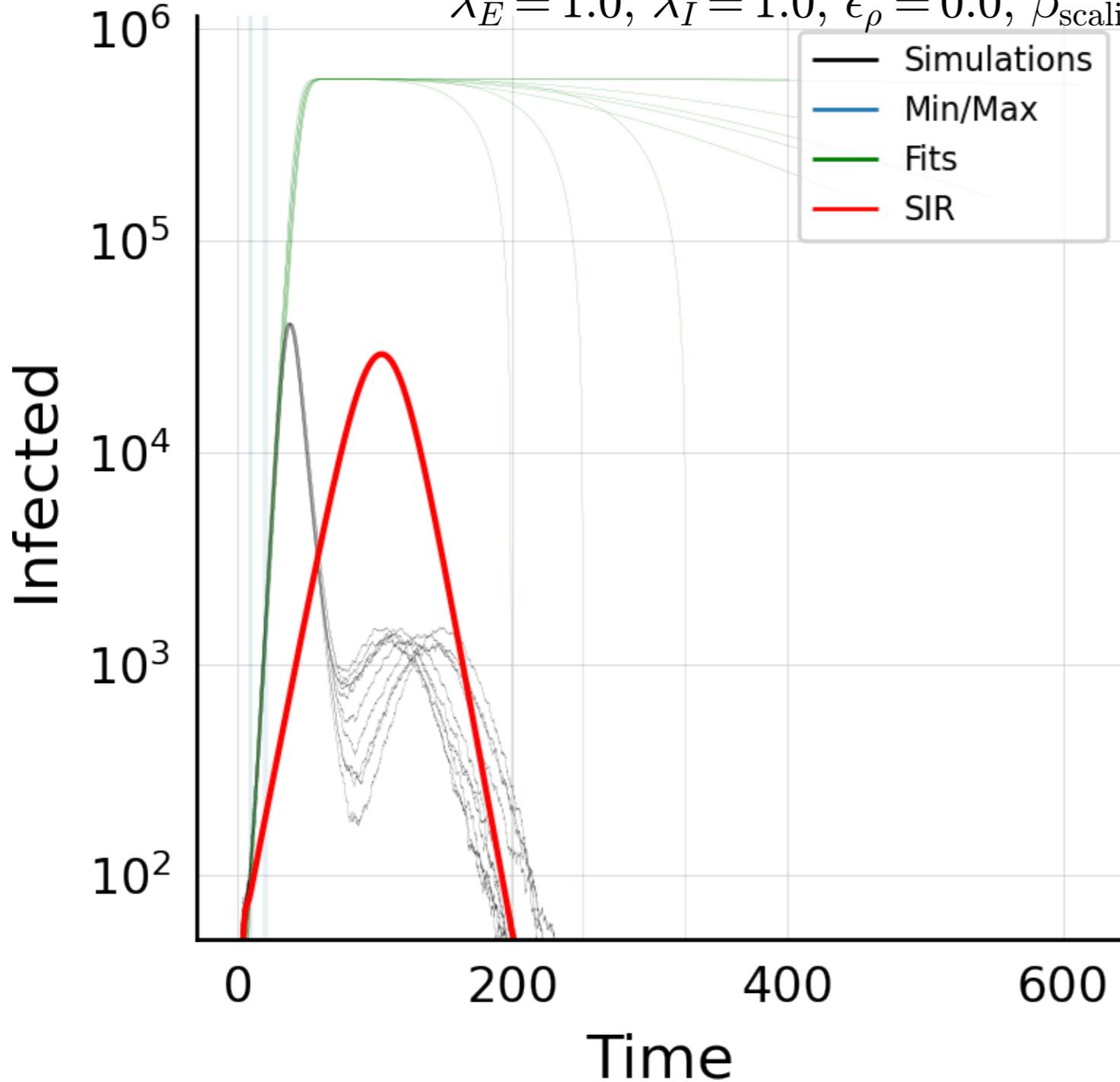
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.05$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



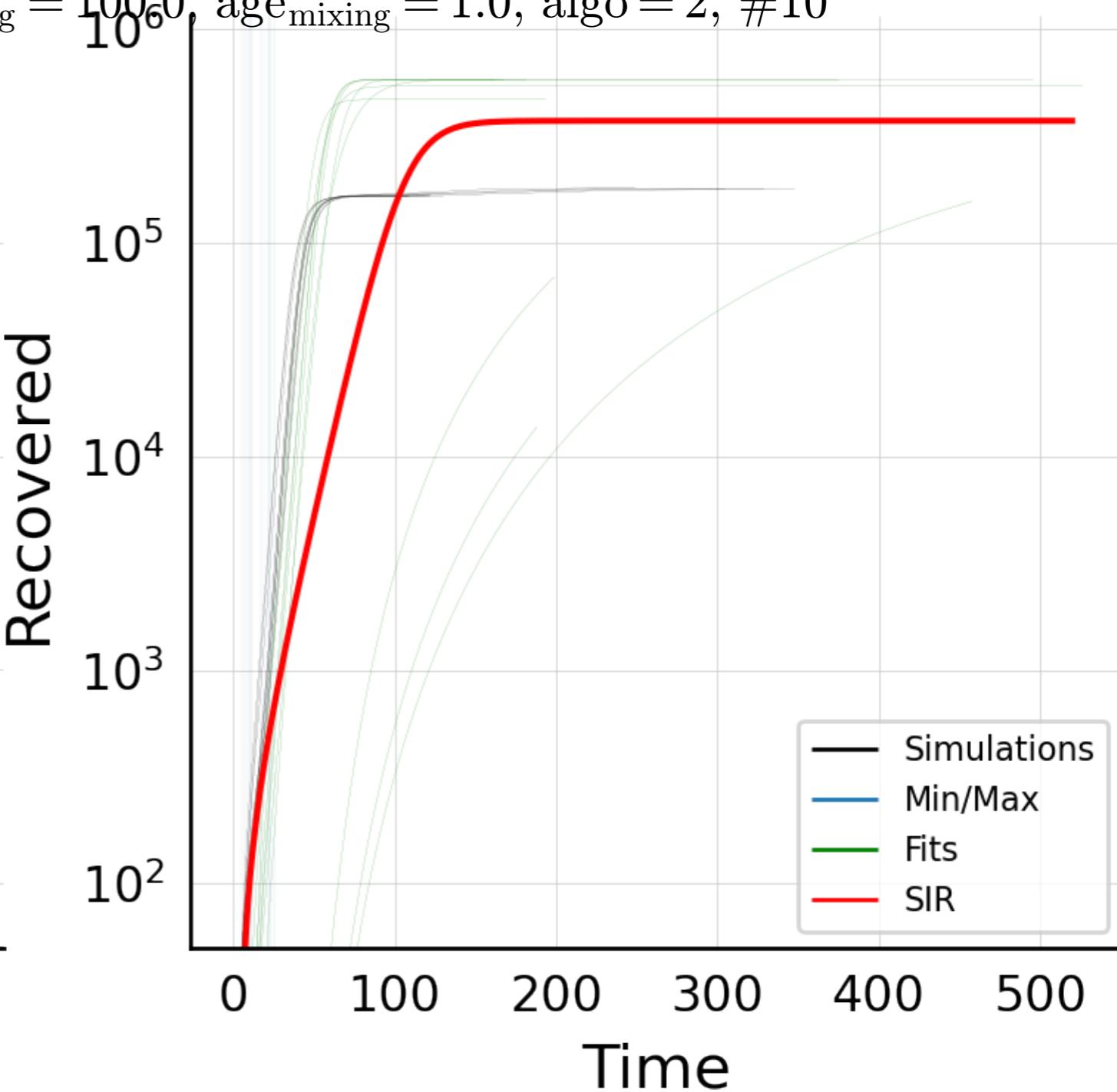
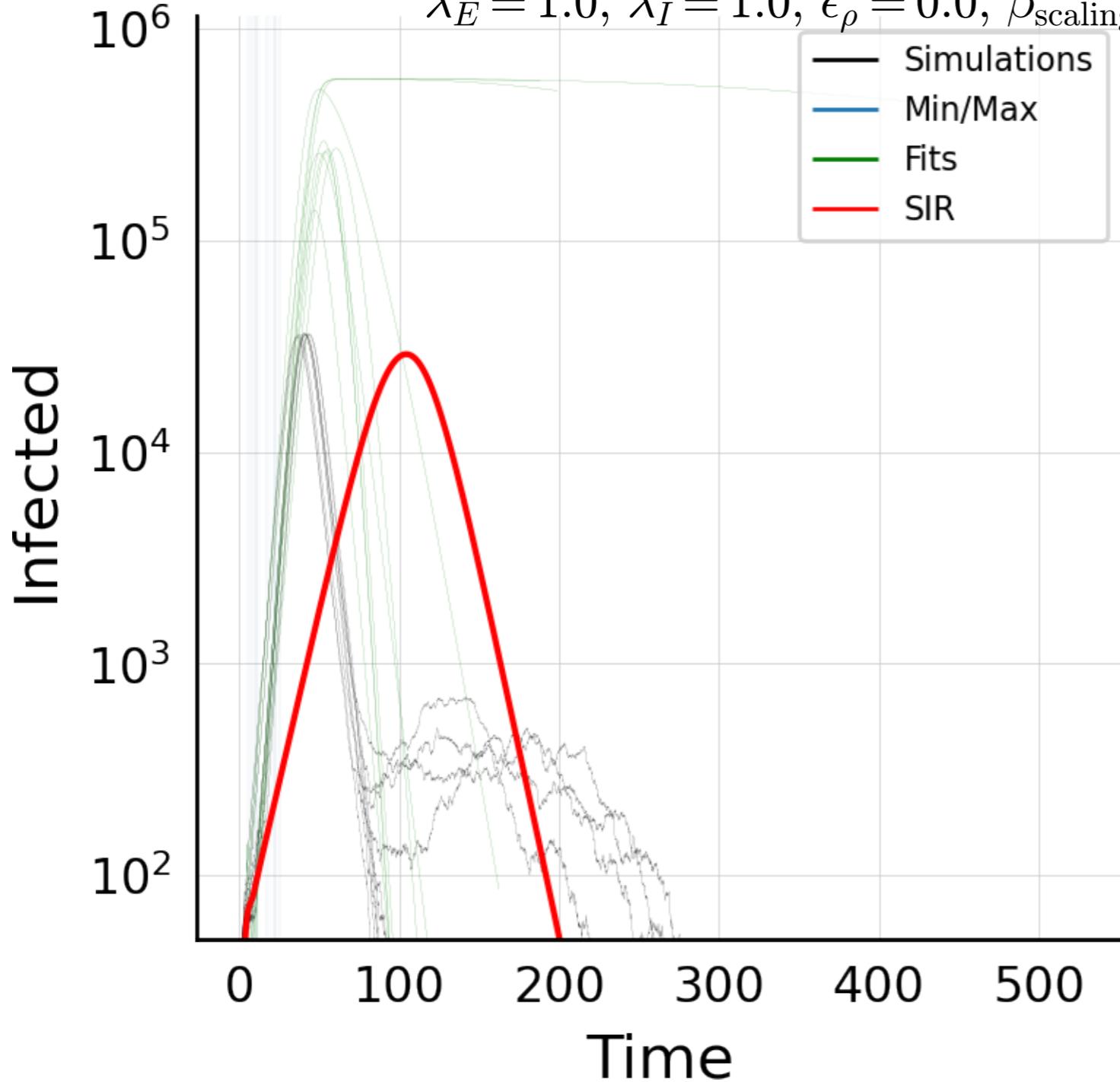
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 10^6$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, $\#10$



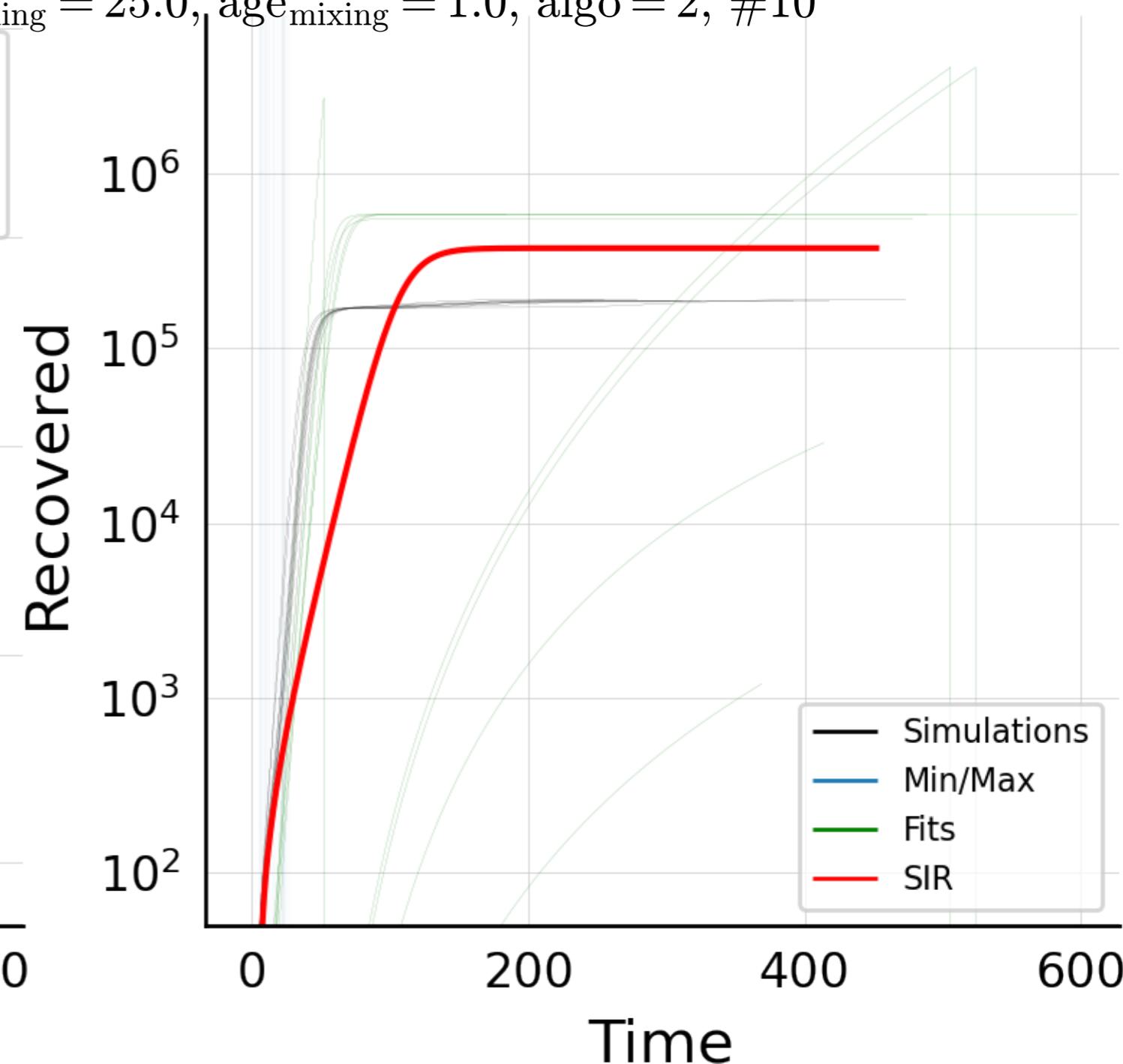
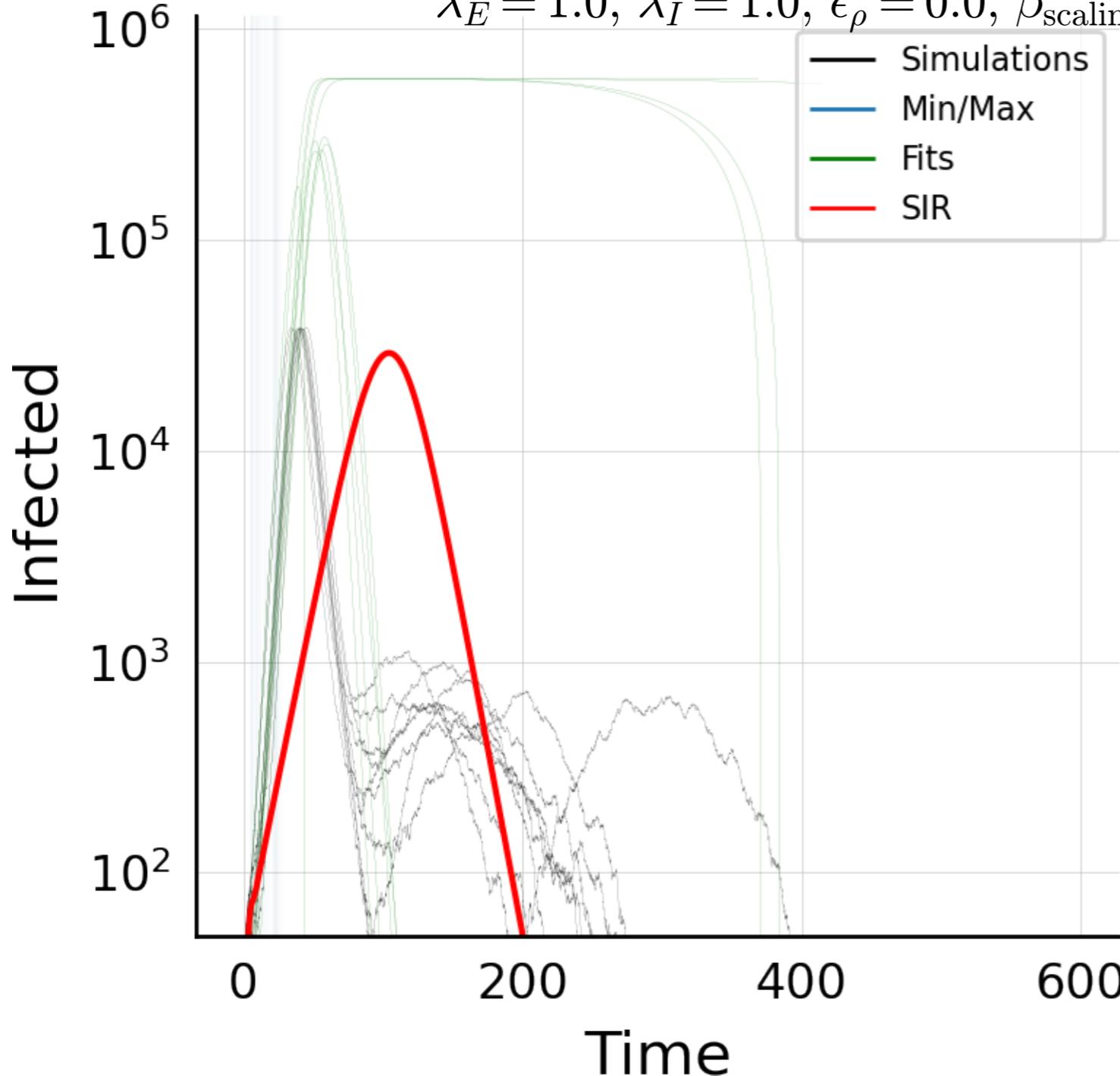
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



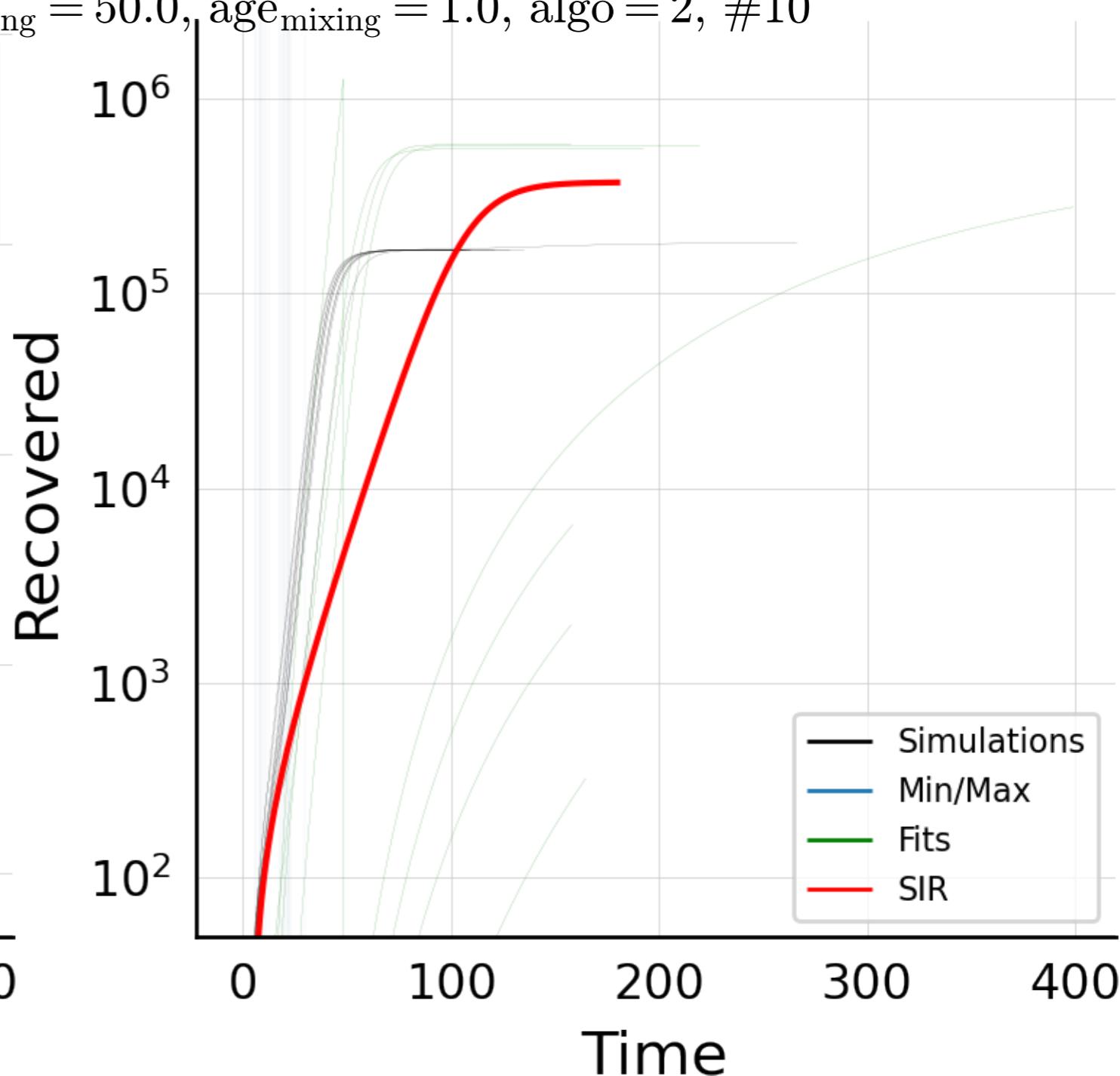
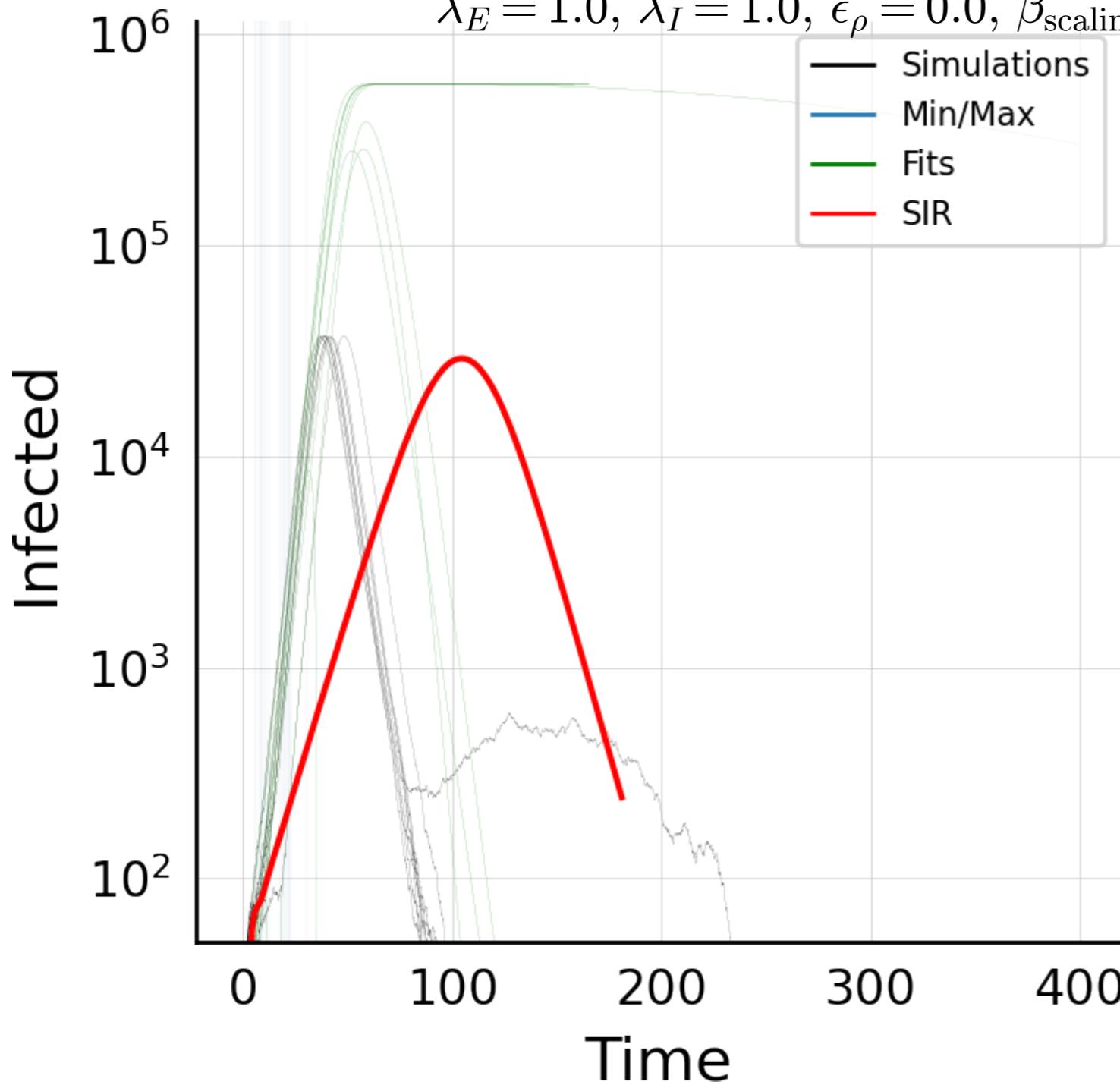
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 100.0$, $\text{age mixing} = 1.0$, $\text{algo} = 2$, #10



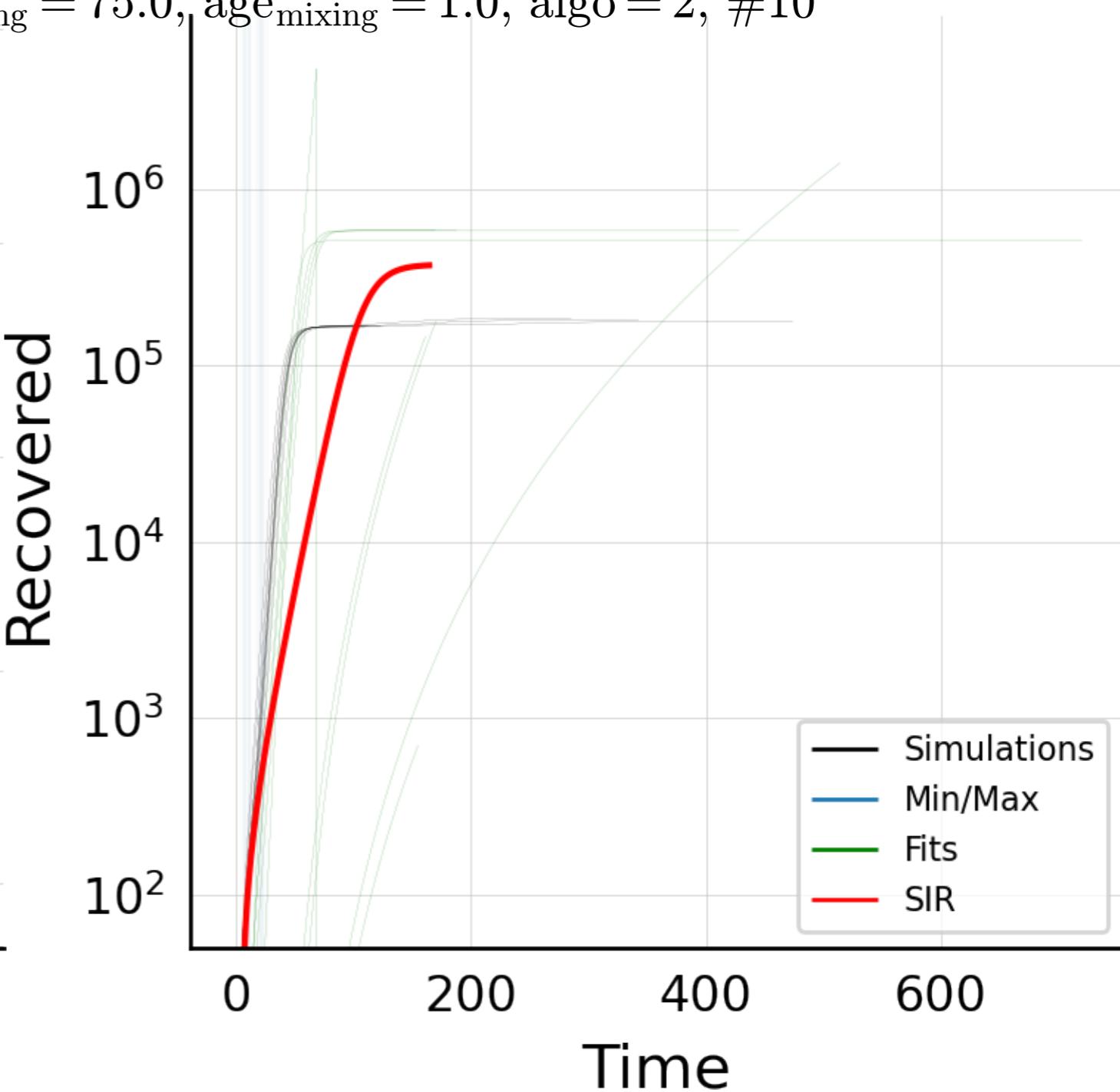
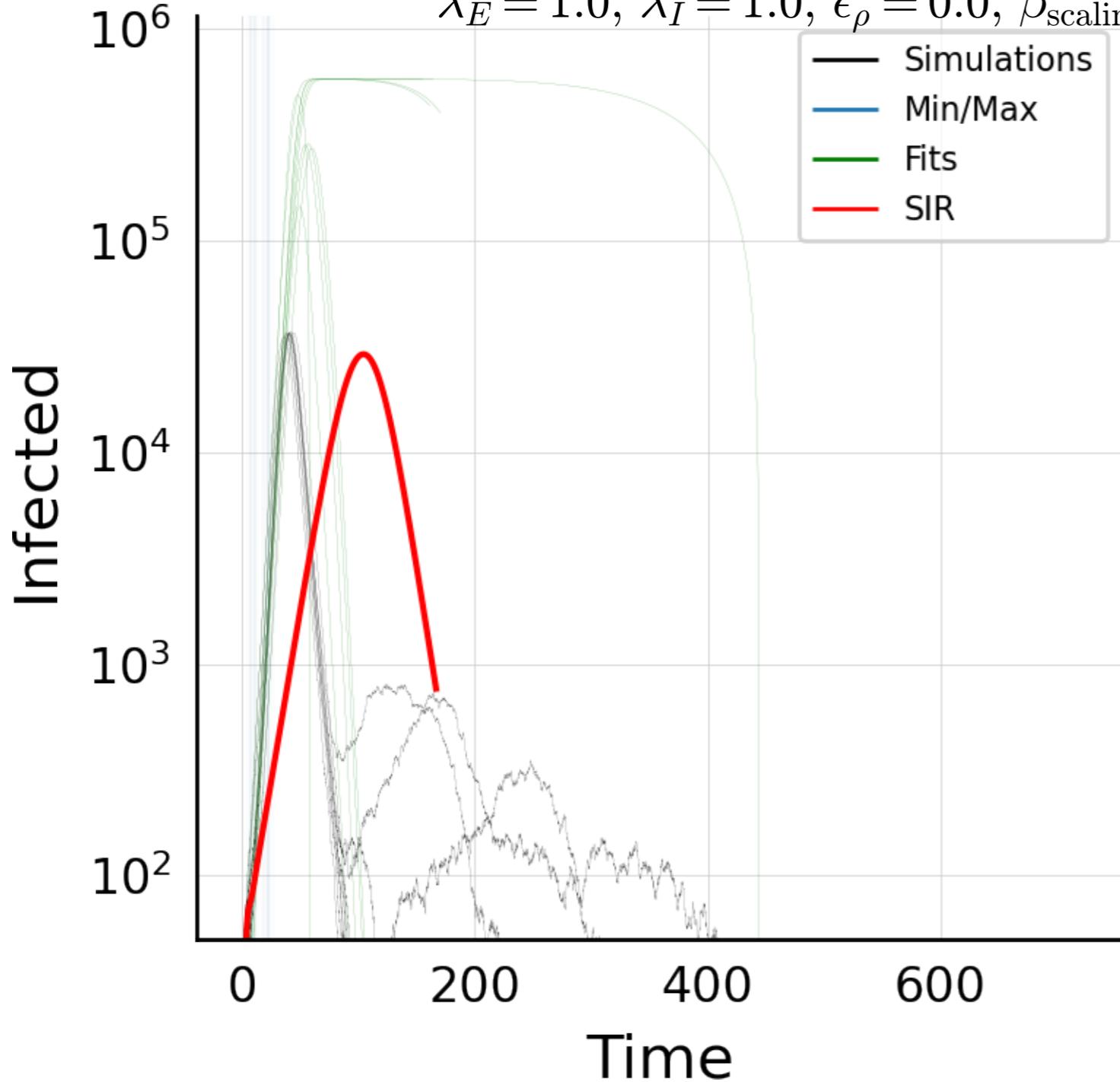
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 25.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



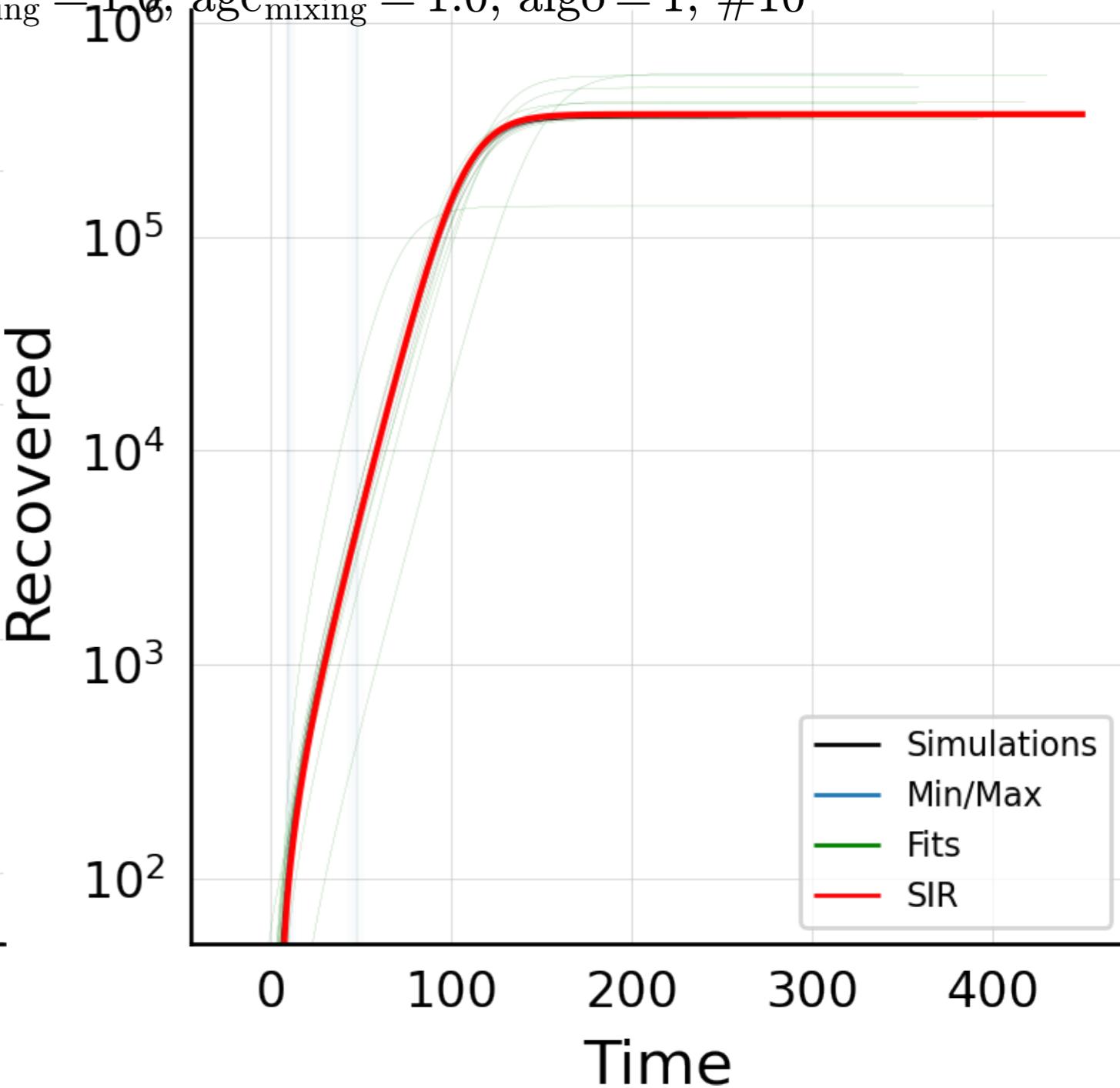
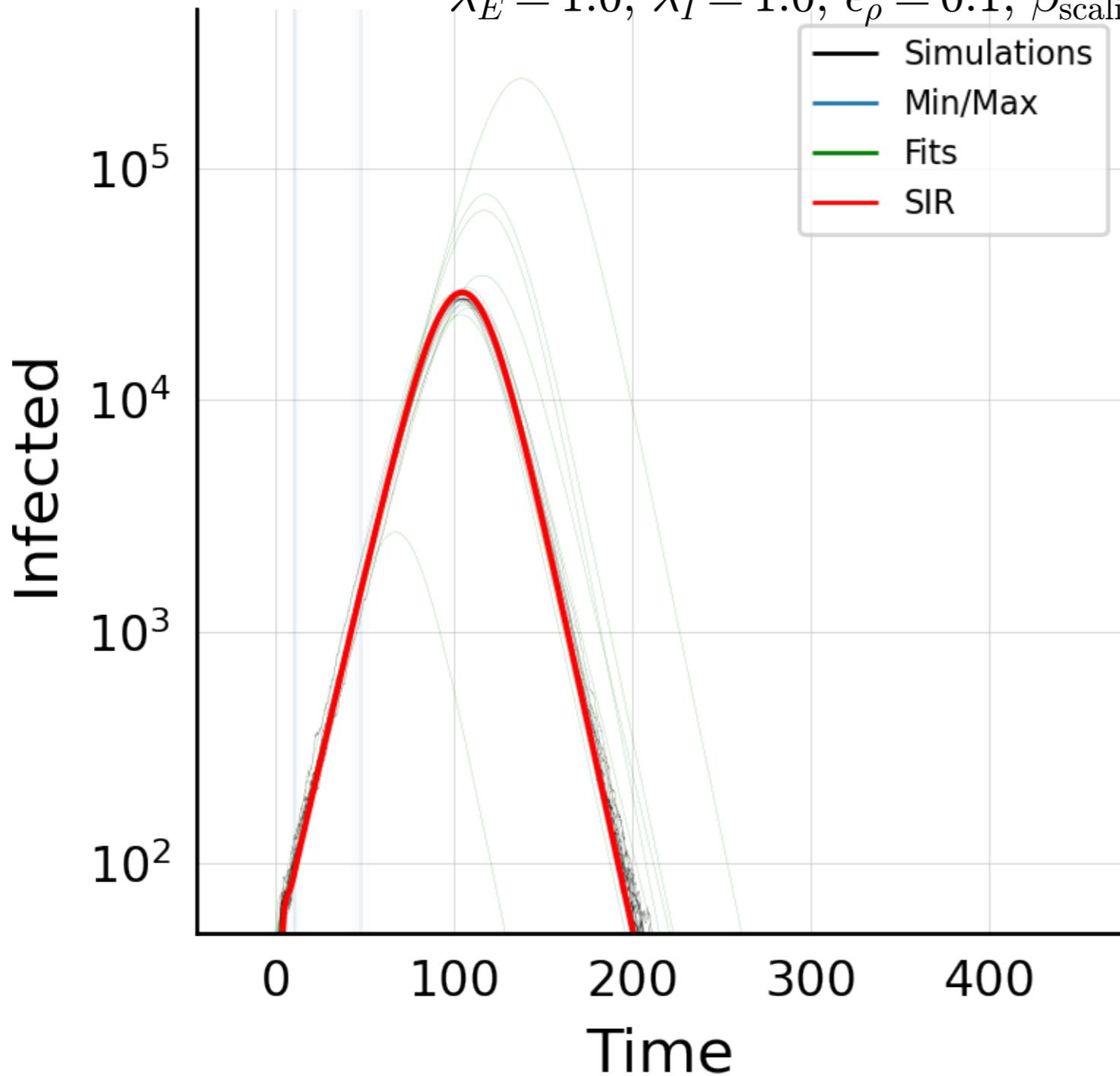
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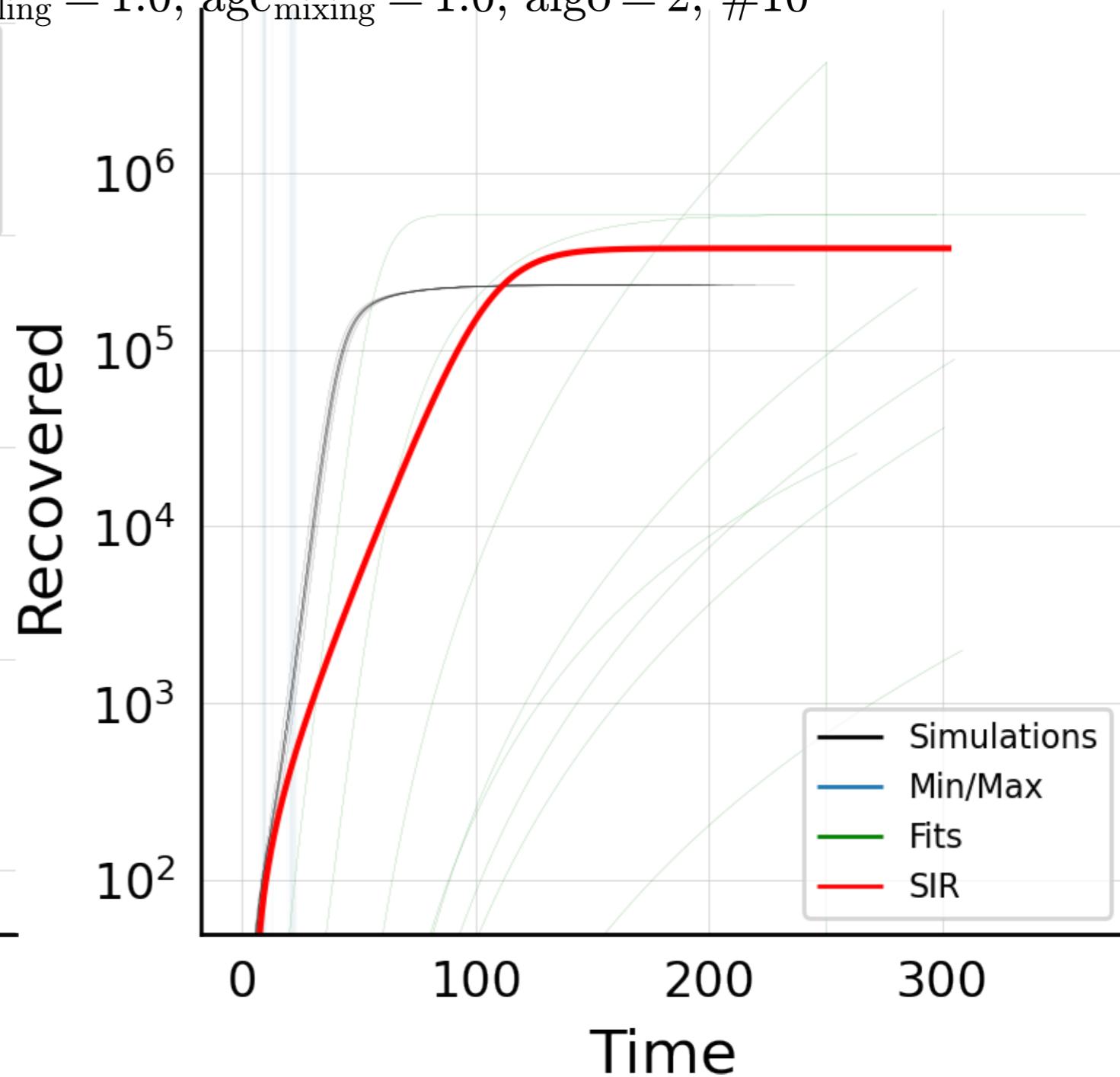
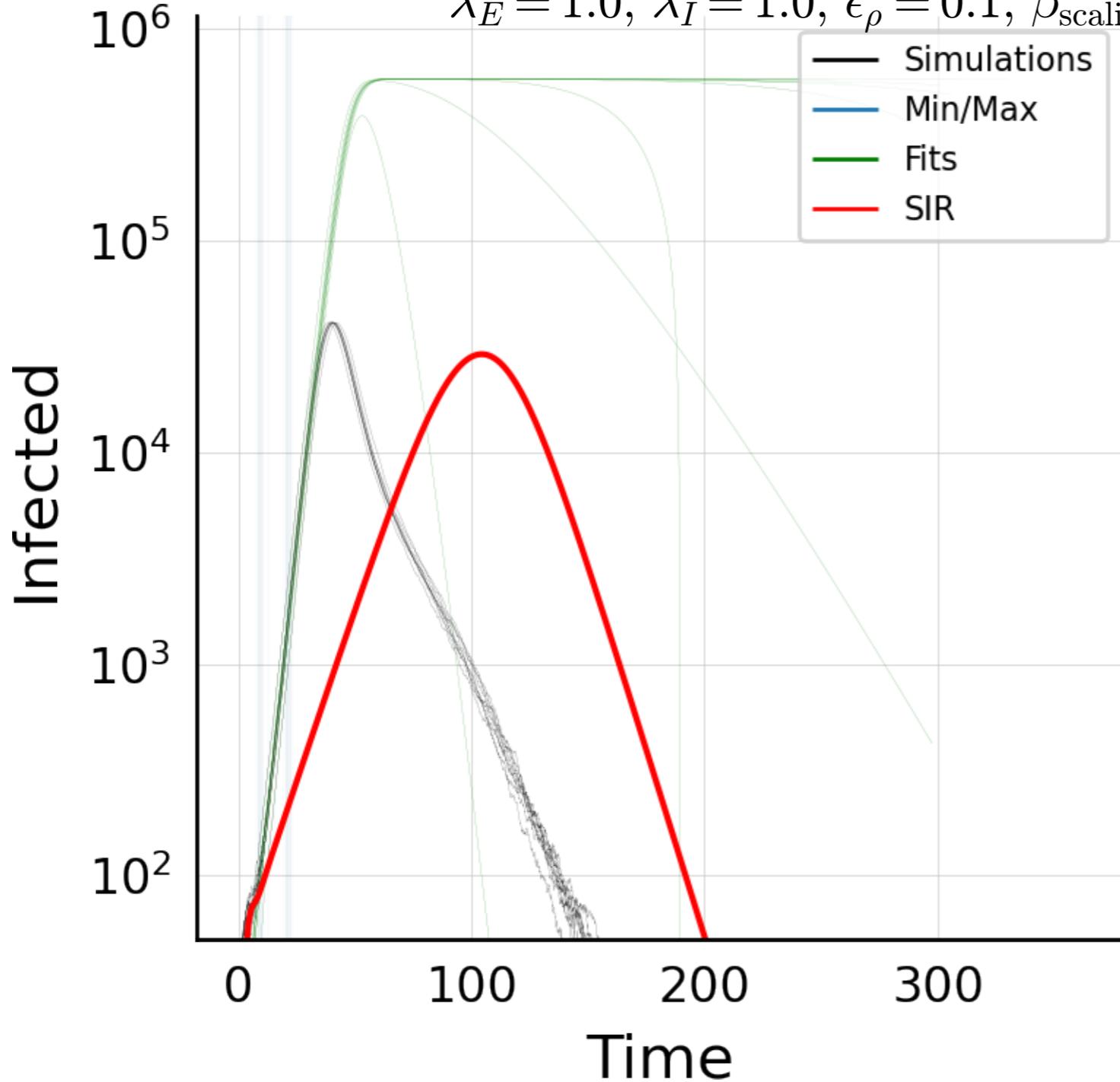
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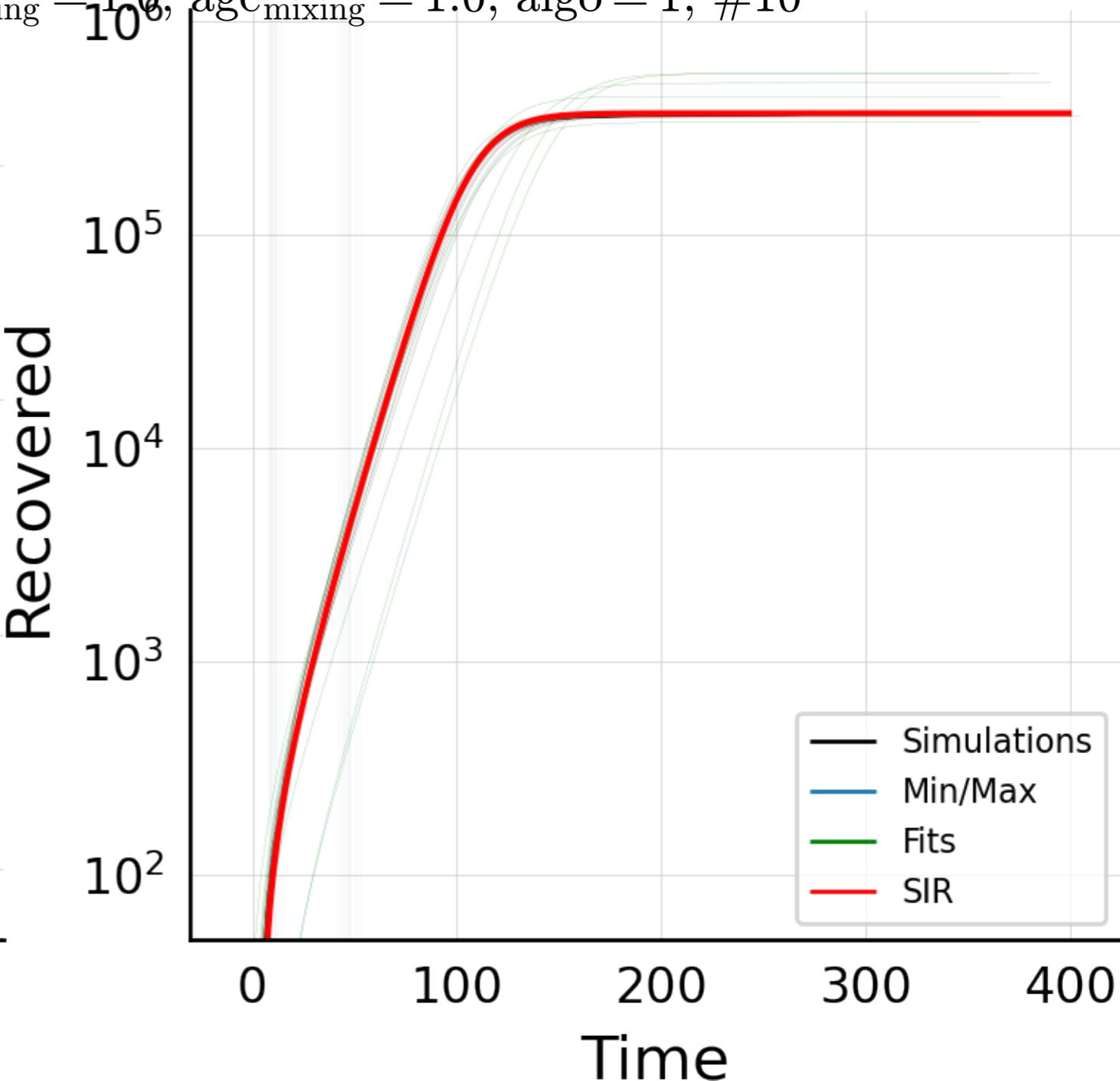
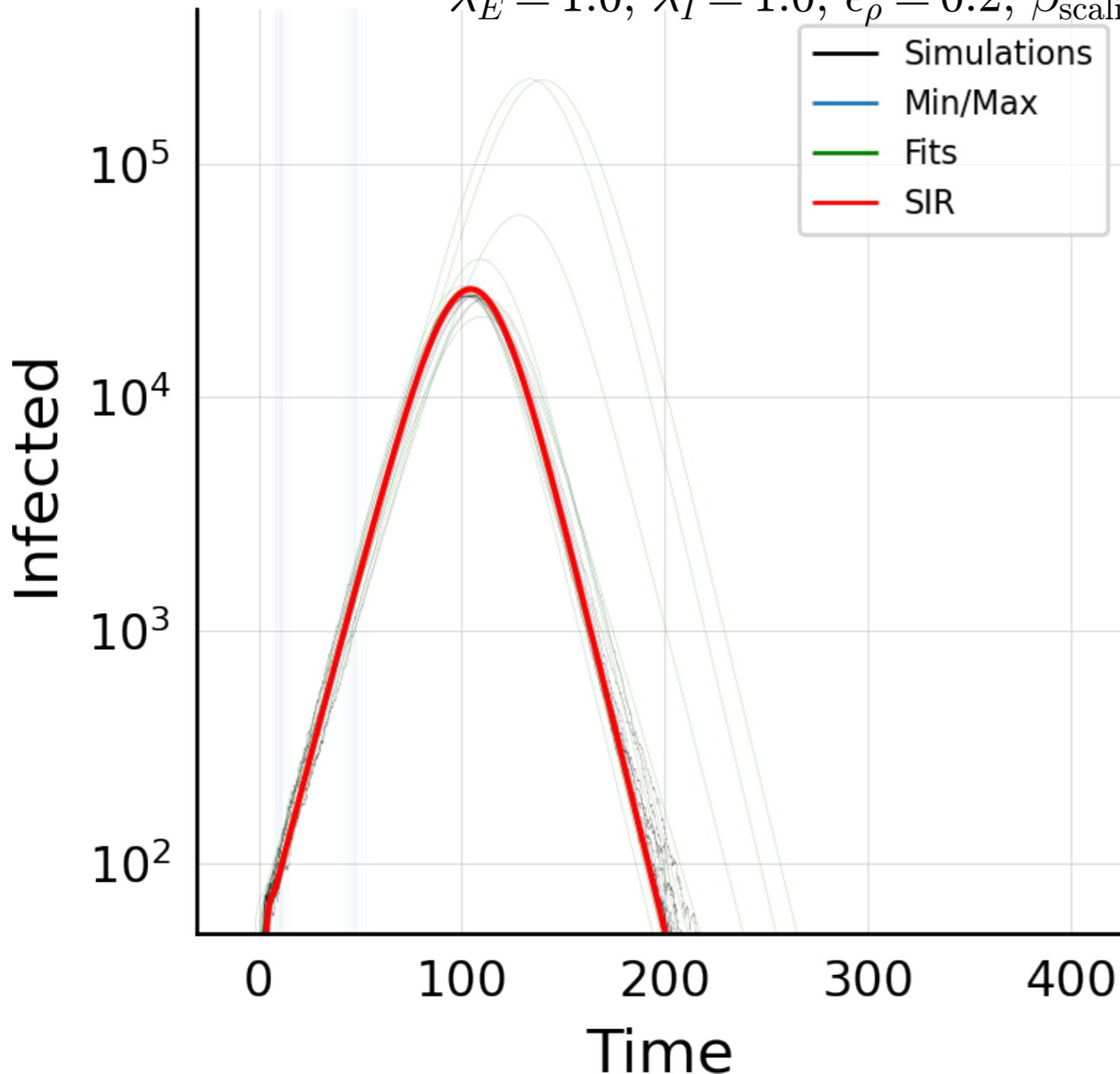
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.1$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



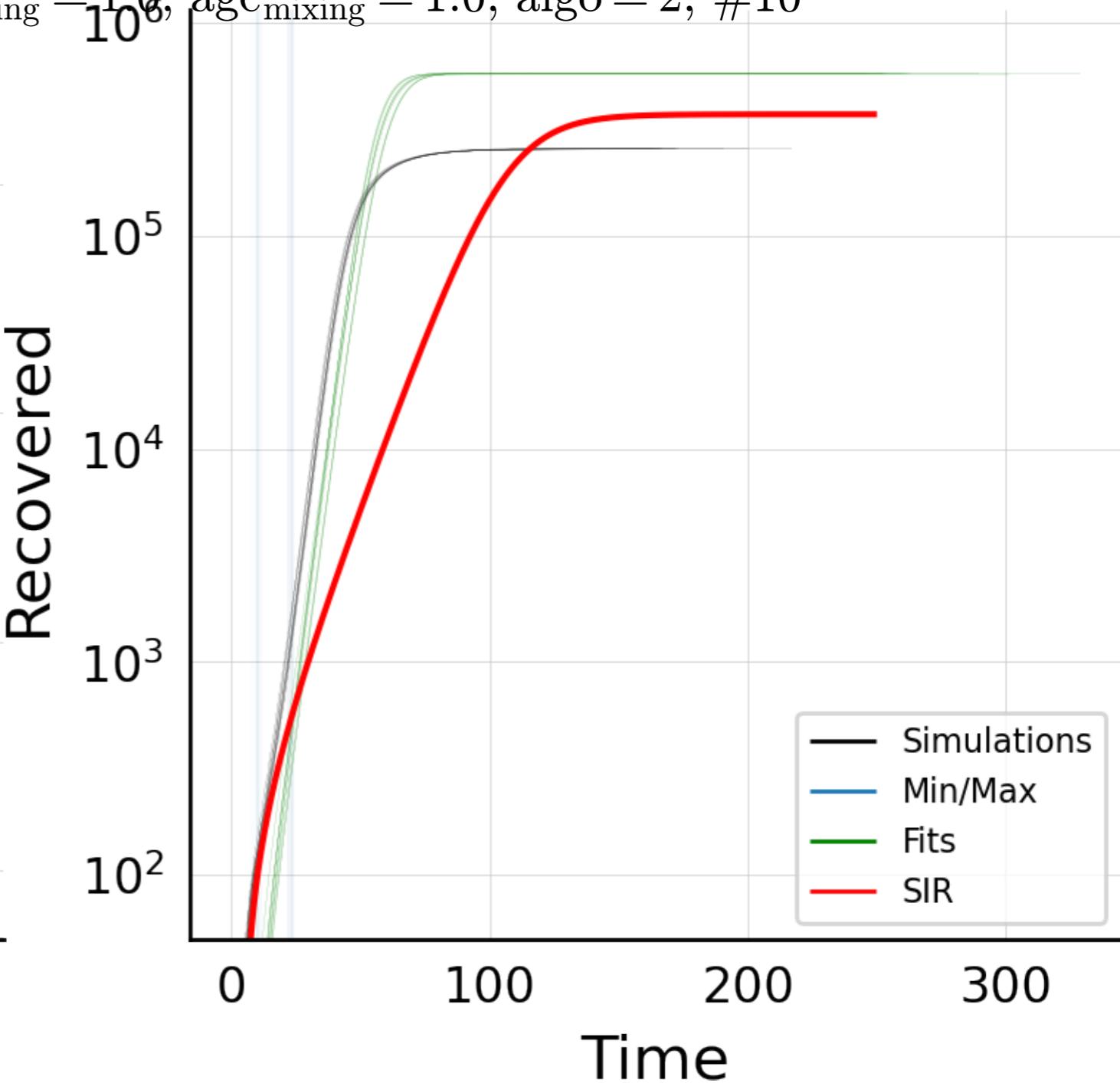
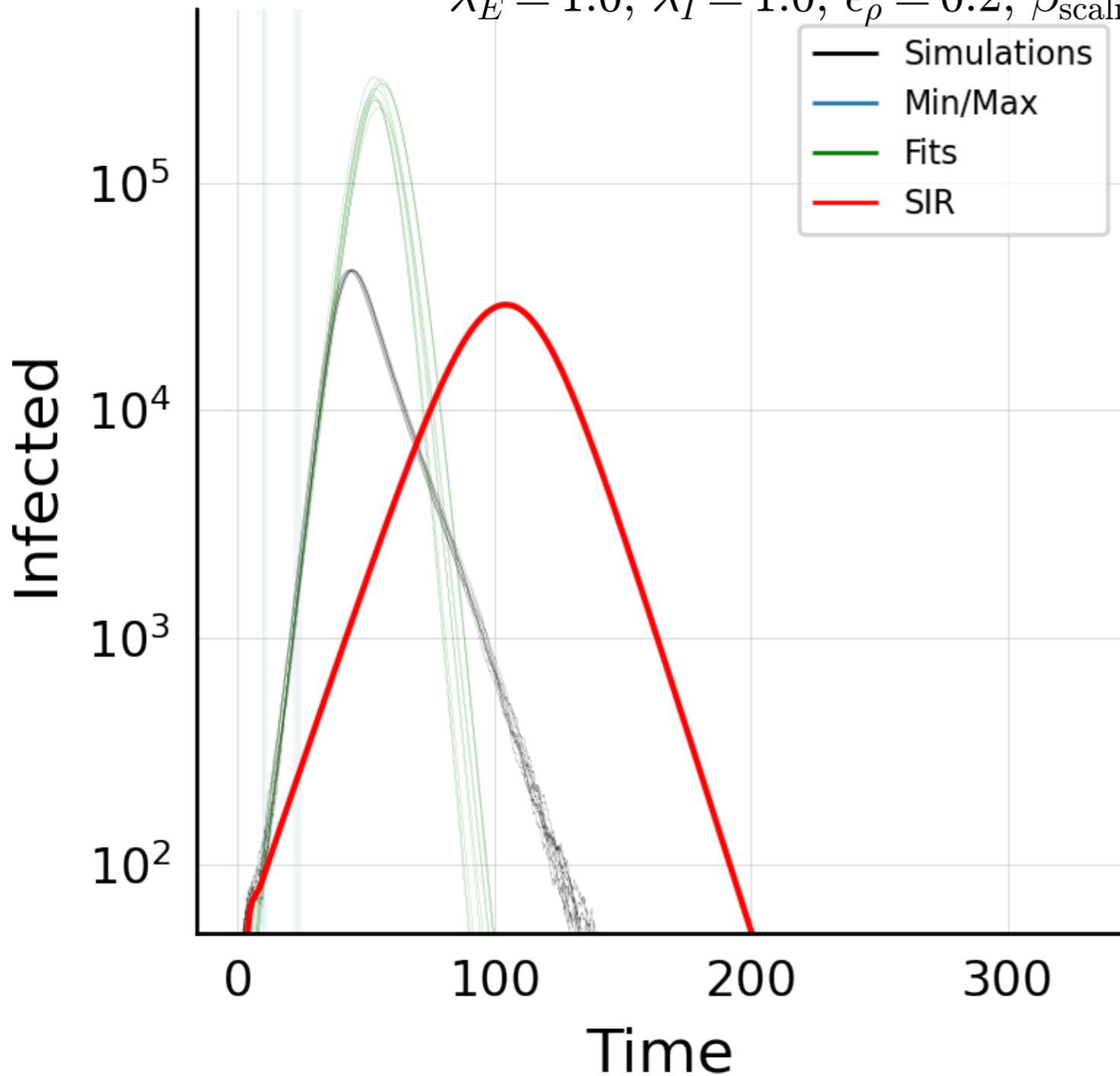
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.1$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



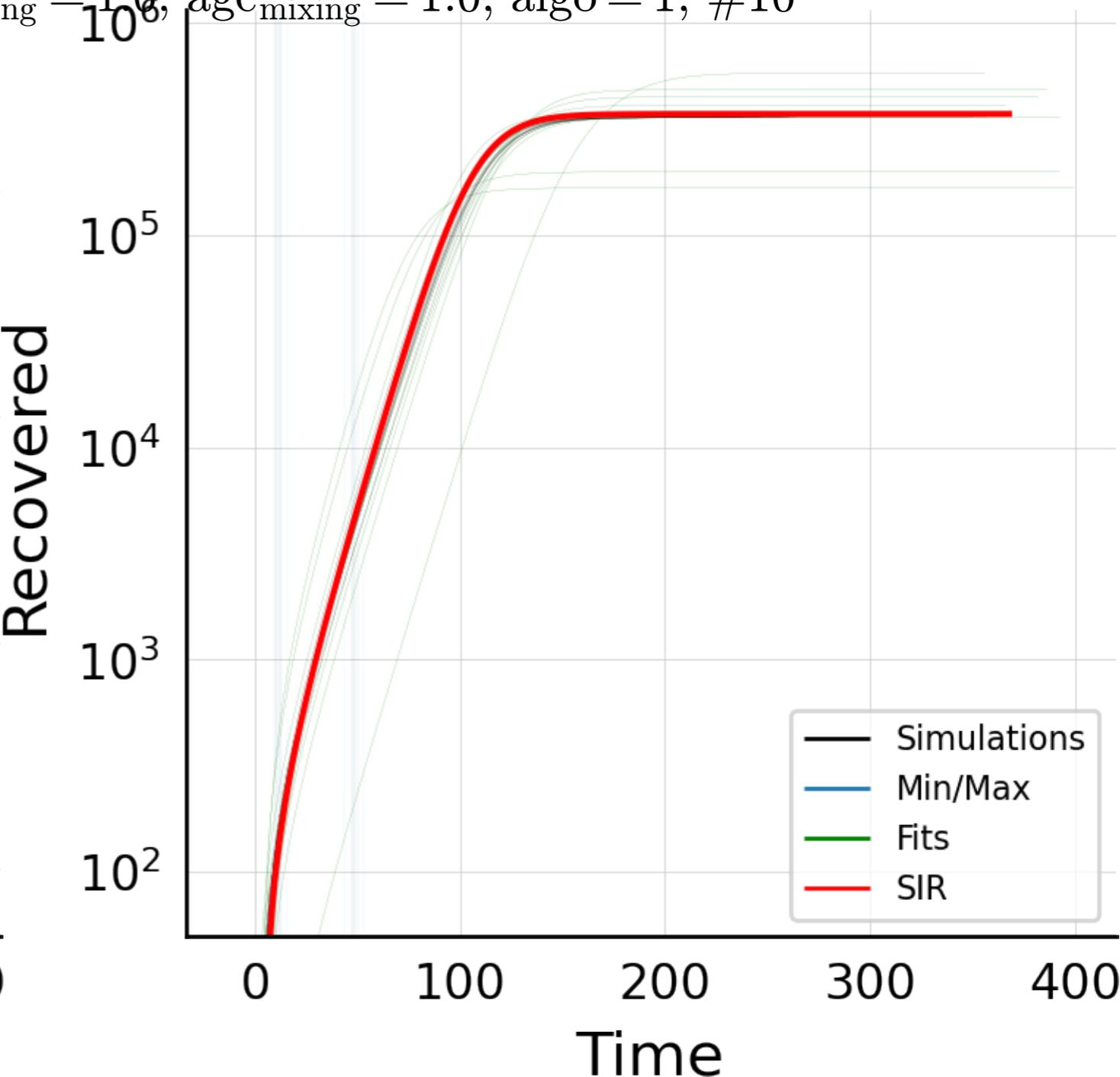
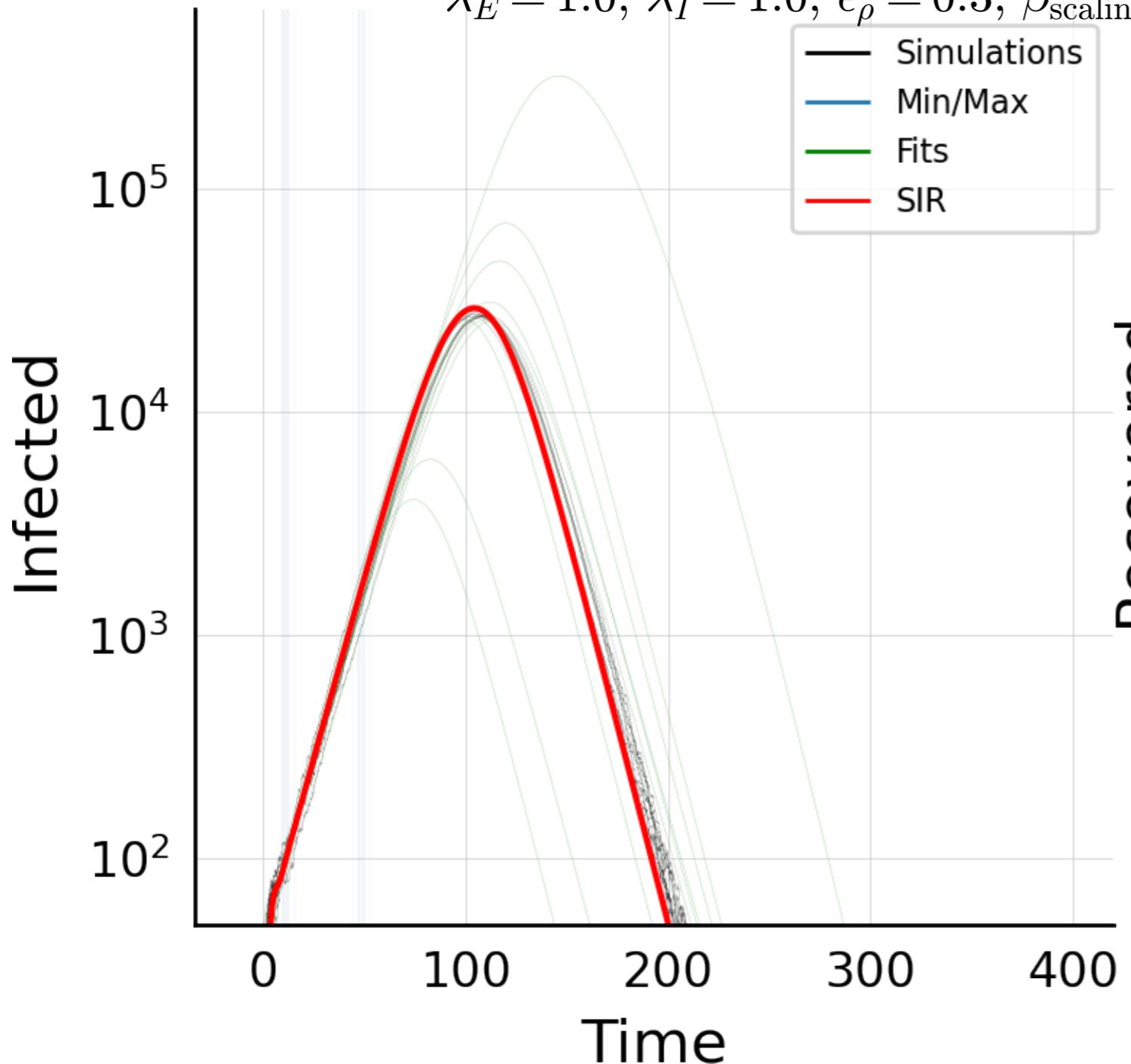
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.2$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



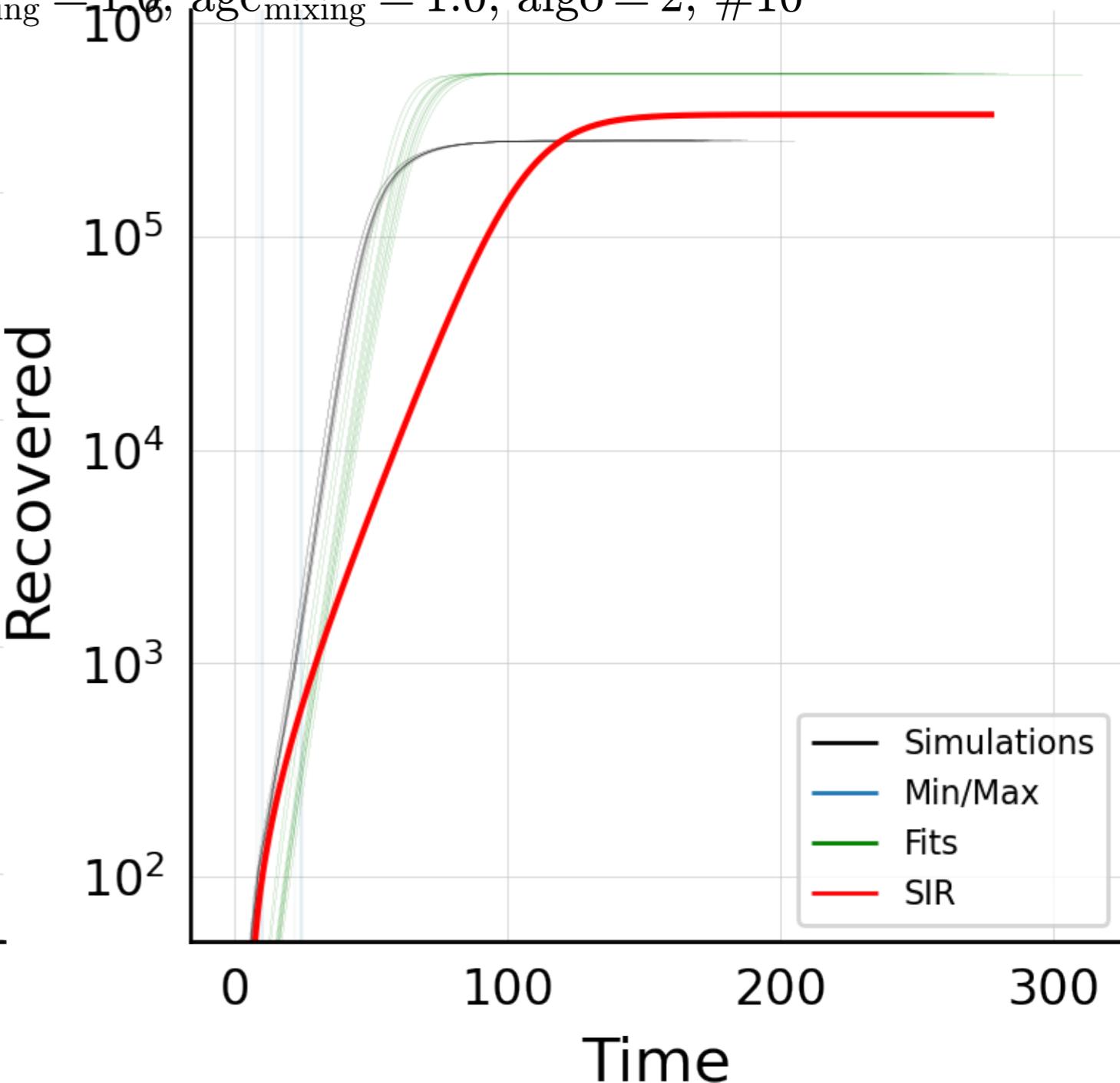
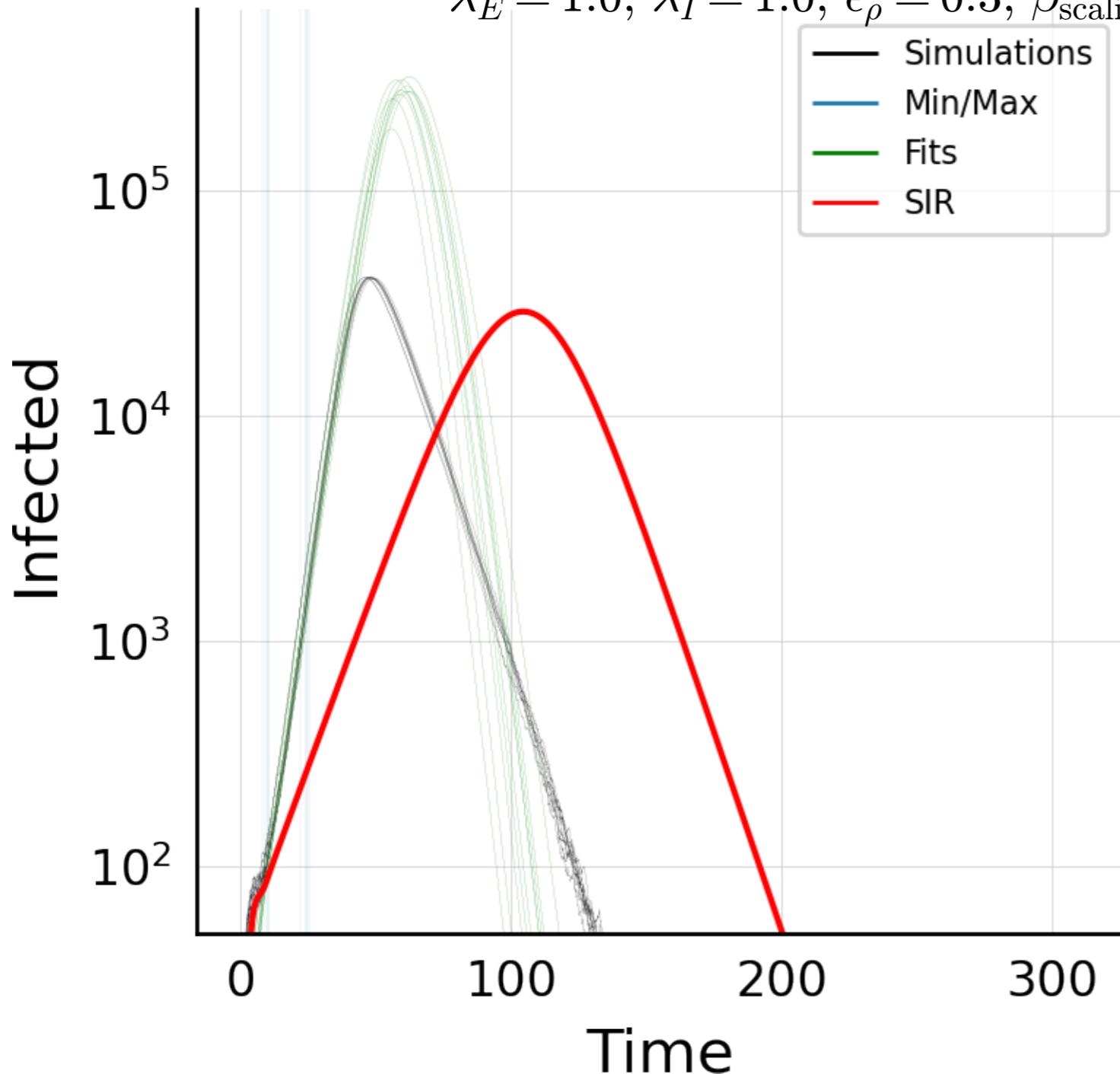
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.2$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



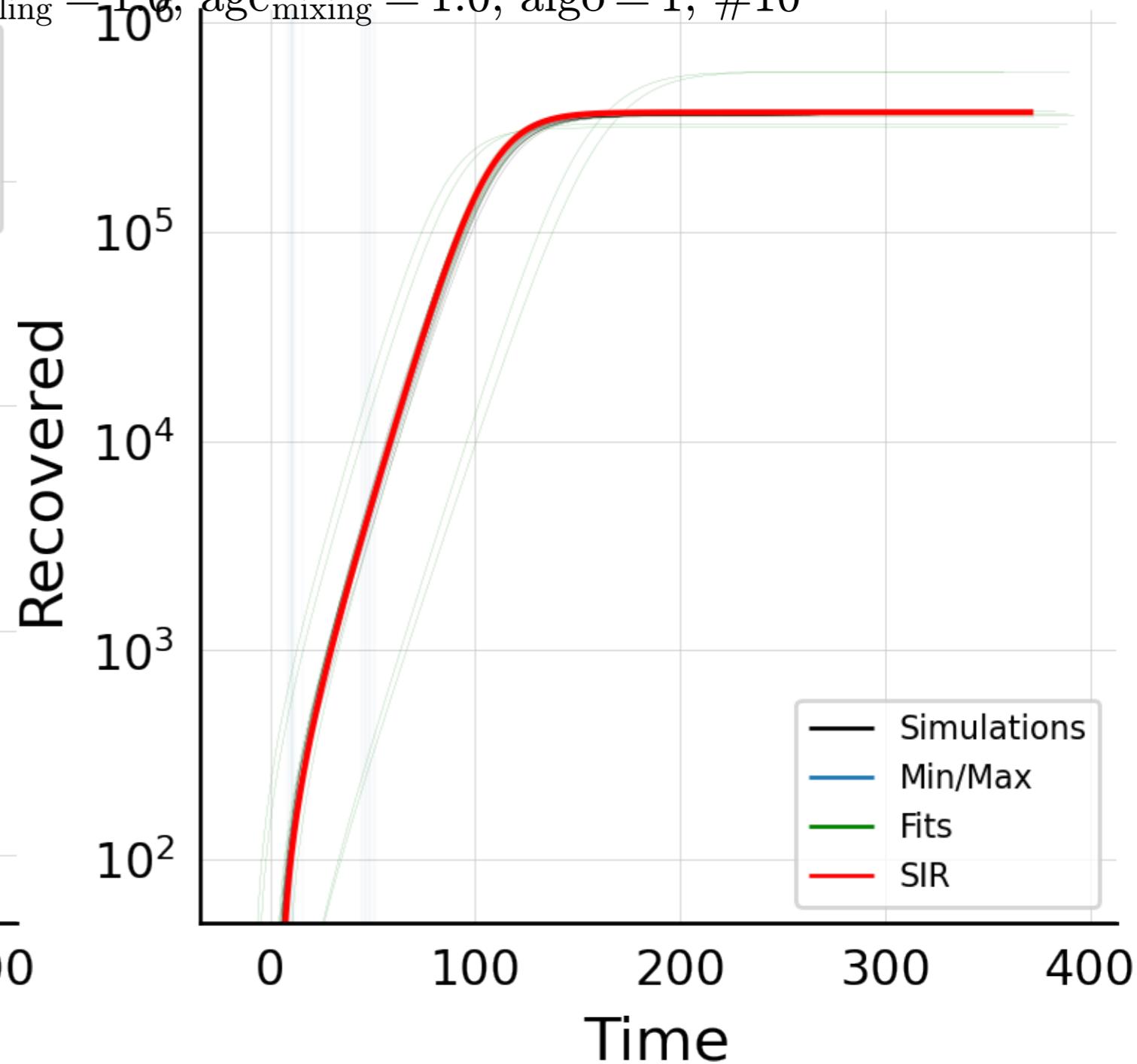
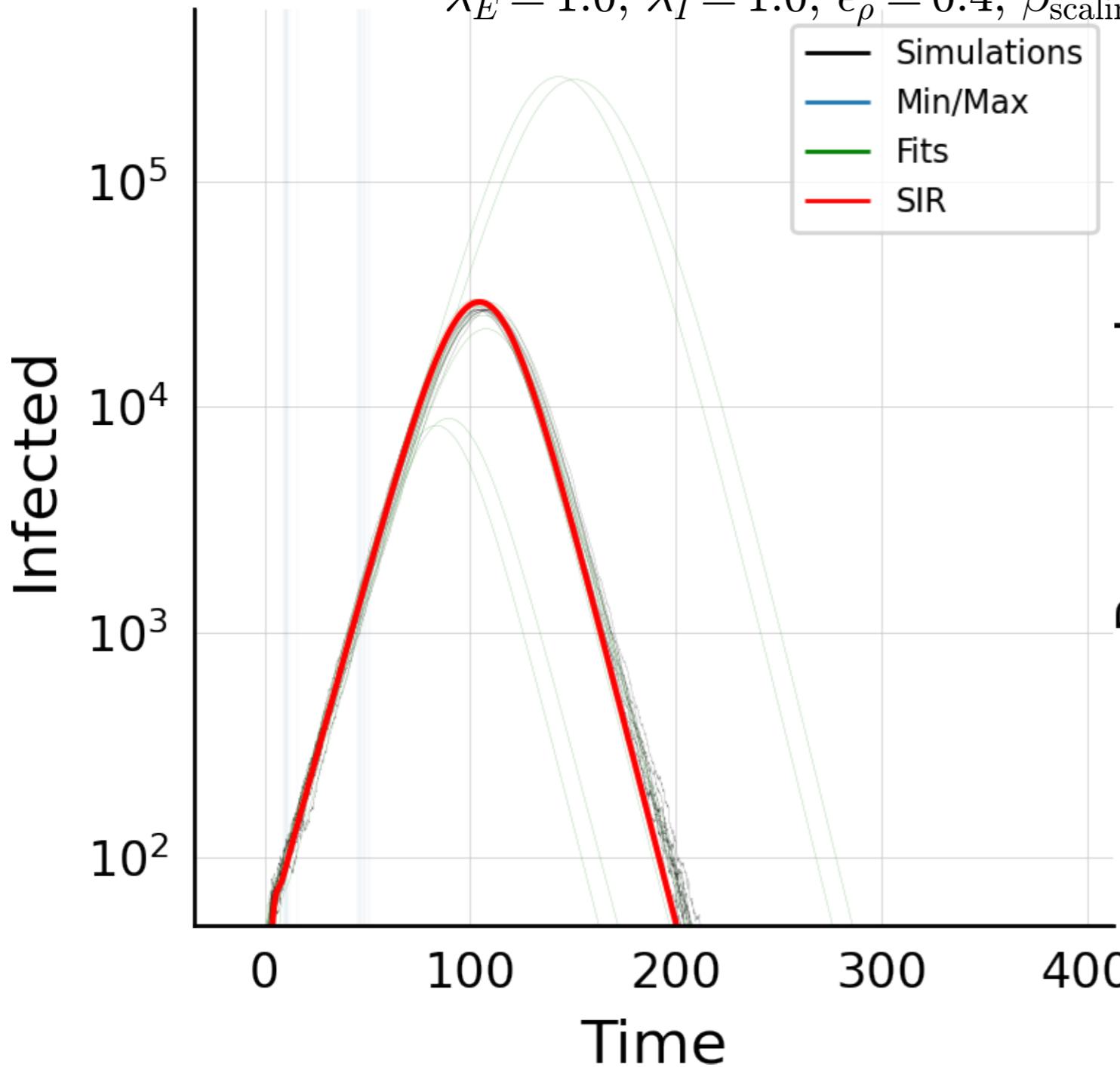
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.3$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



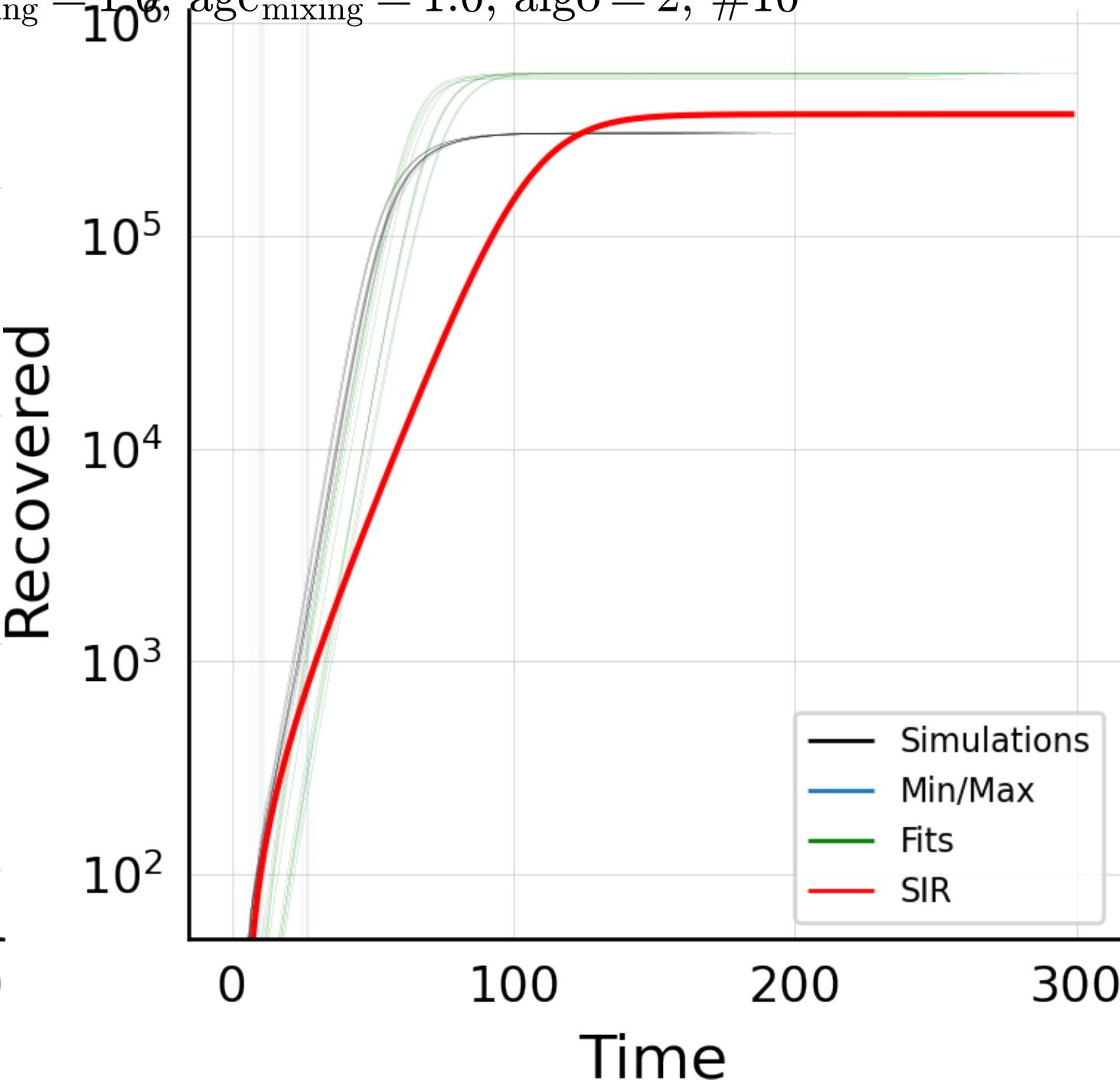
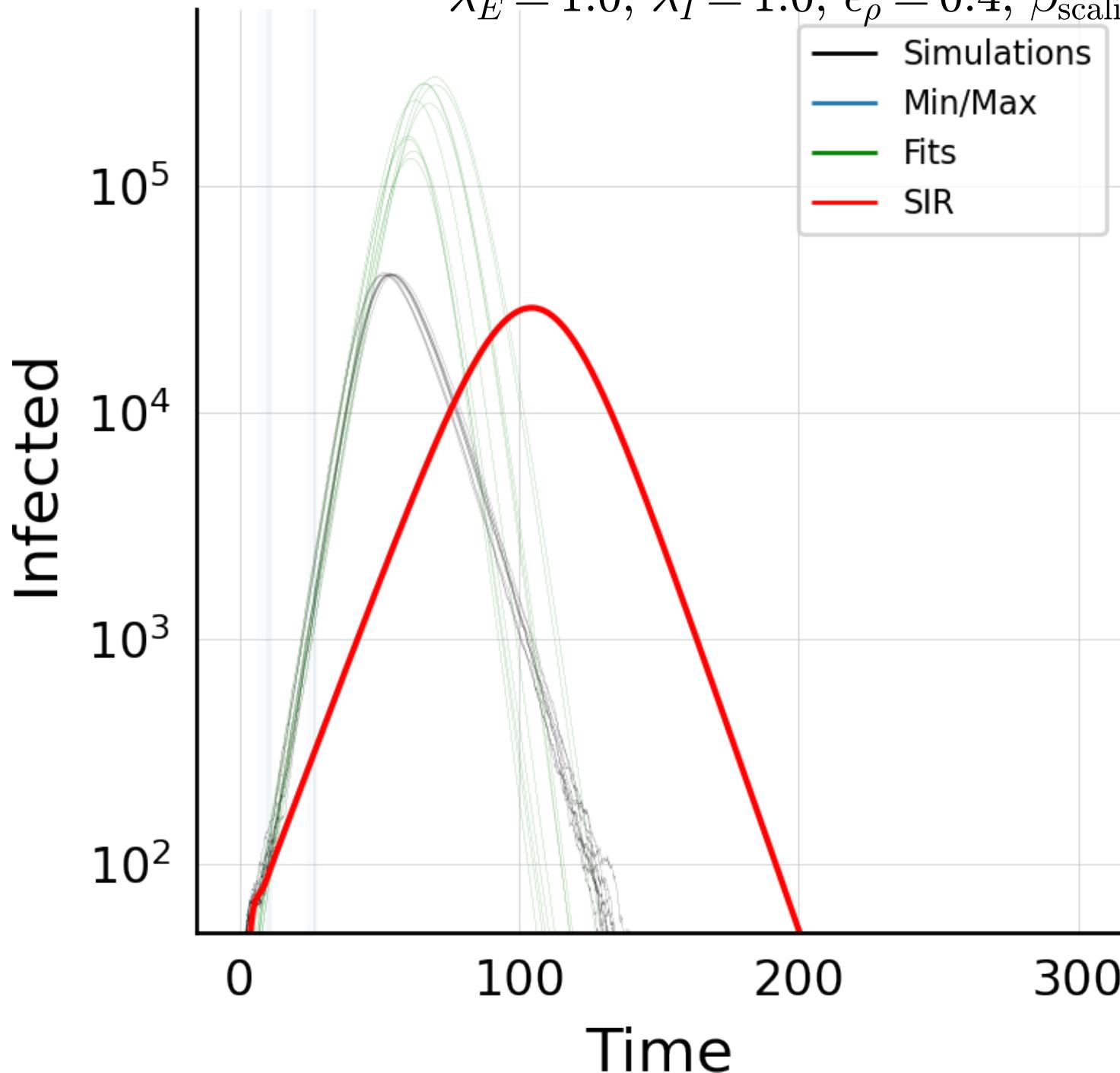
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.3$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 100.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.4$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10

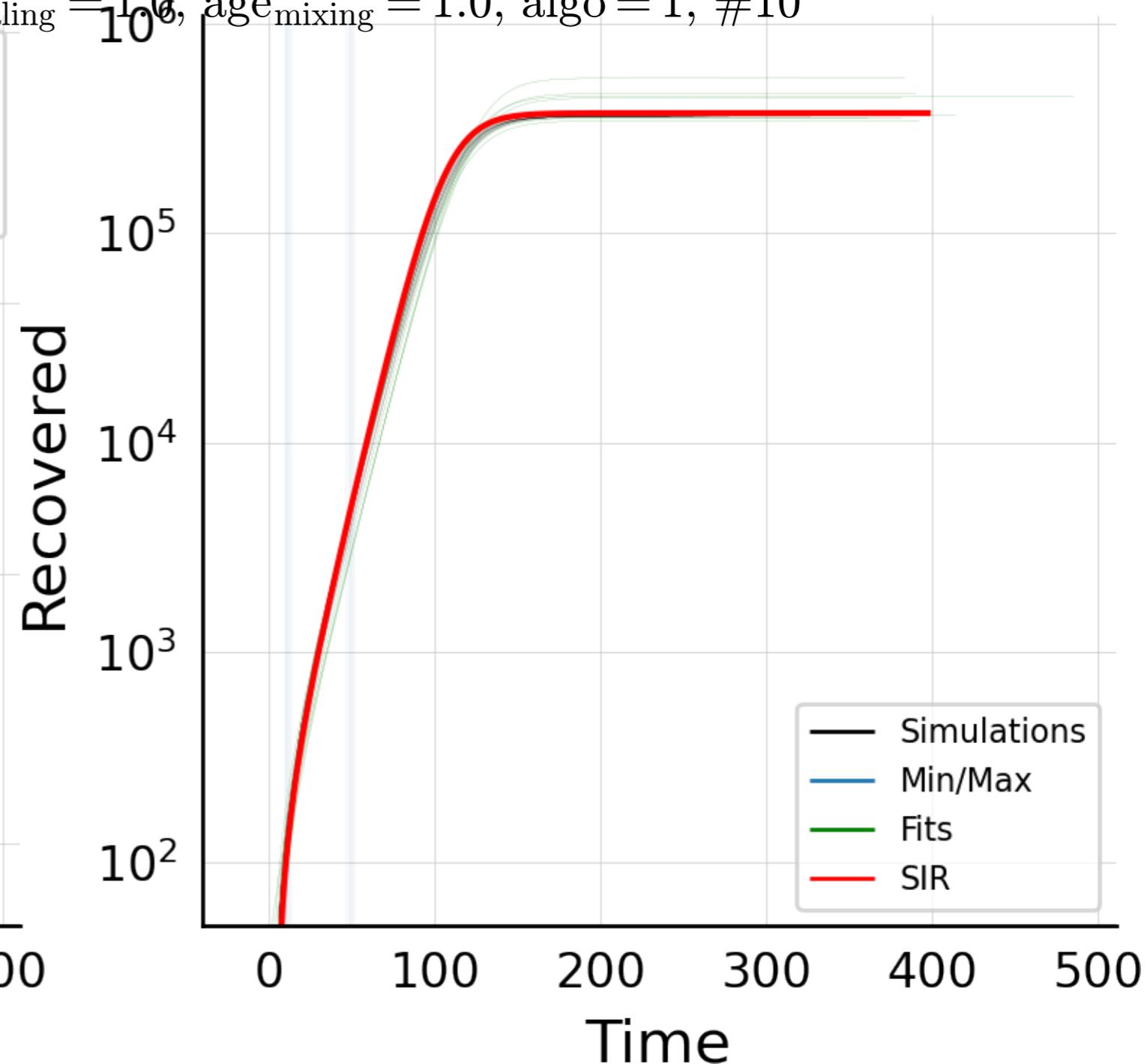
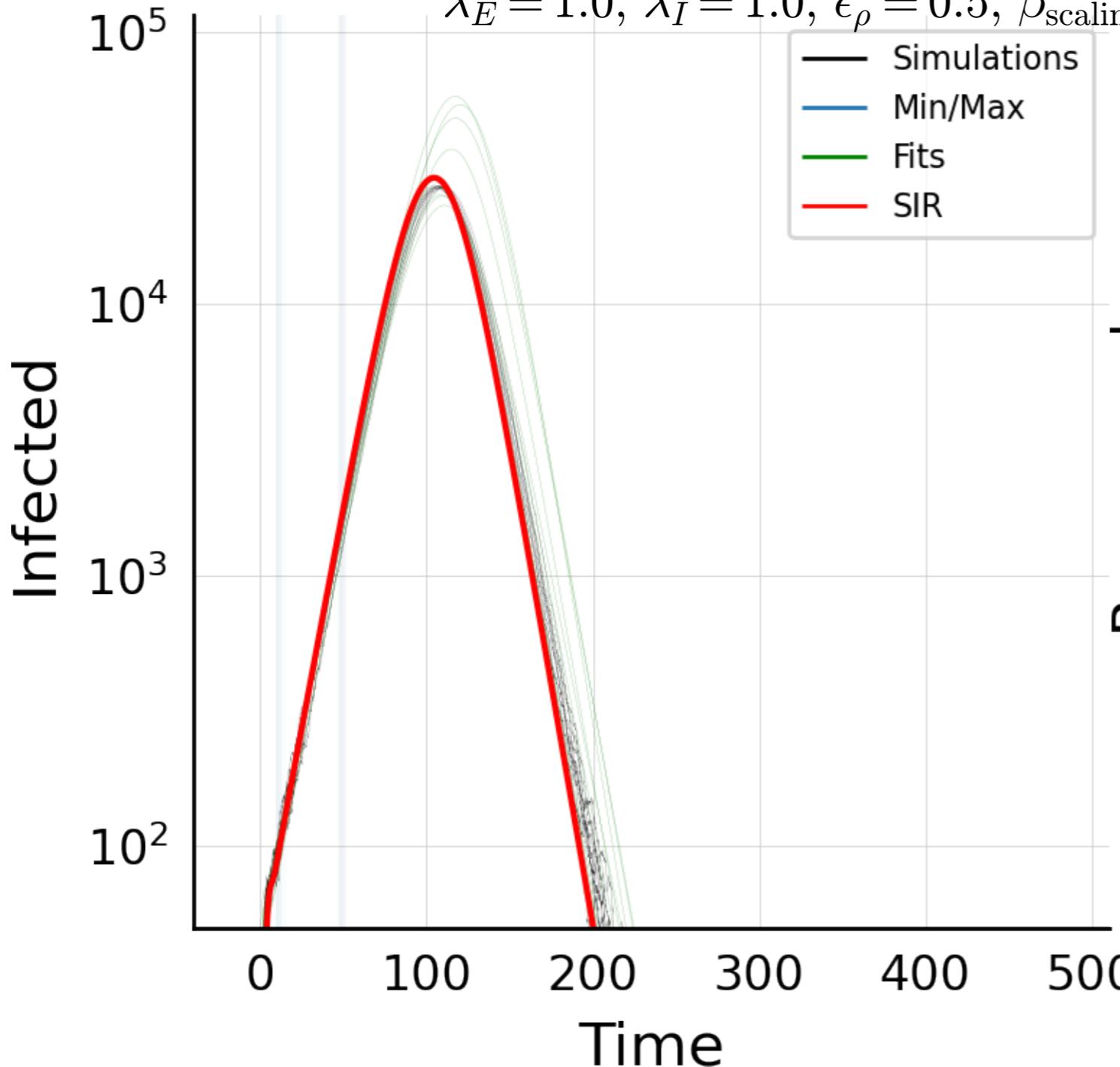


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 100.0$
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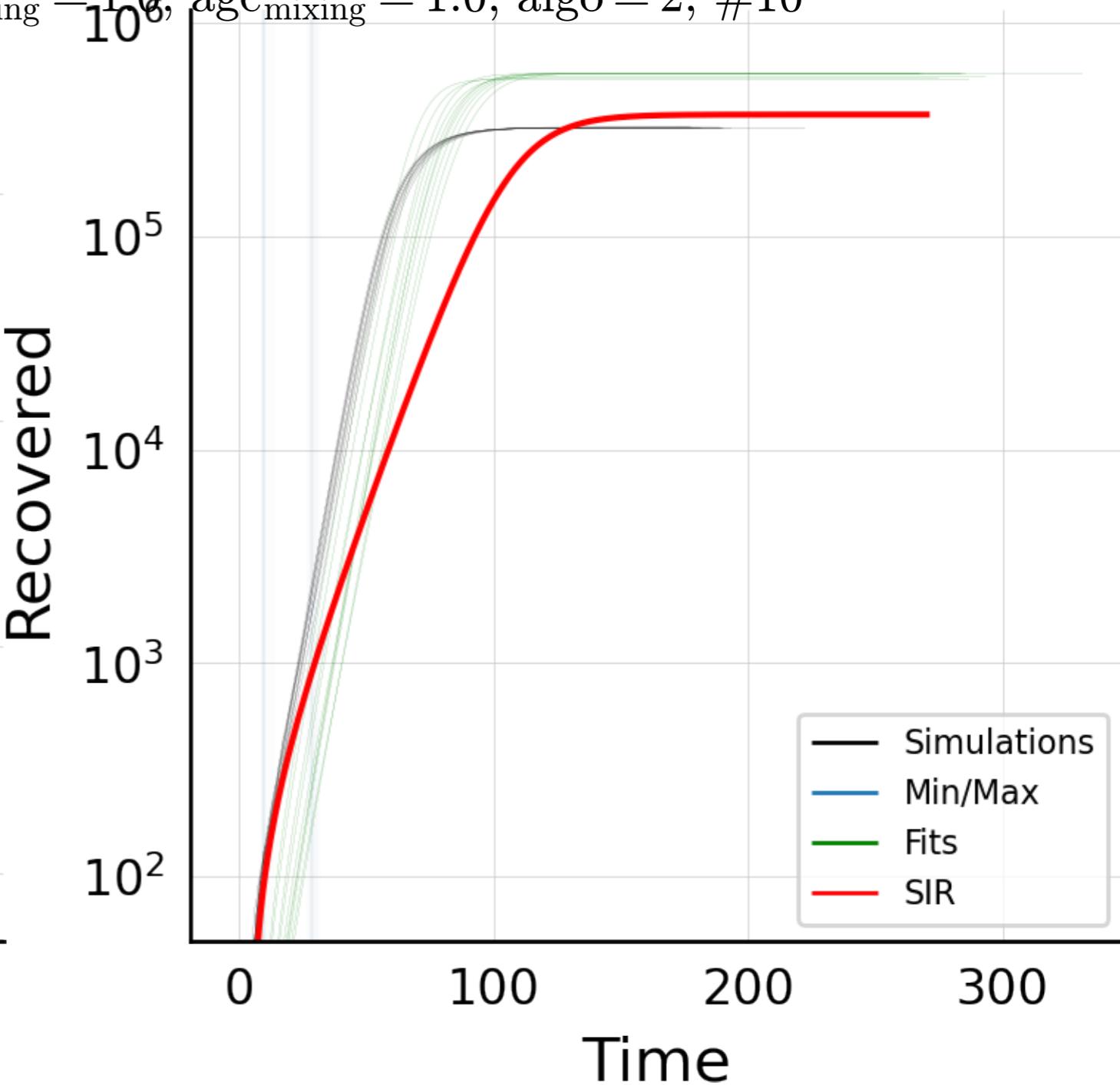
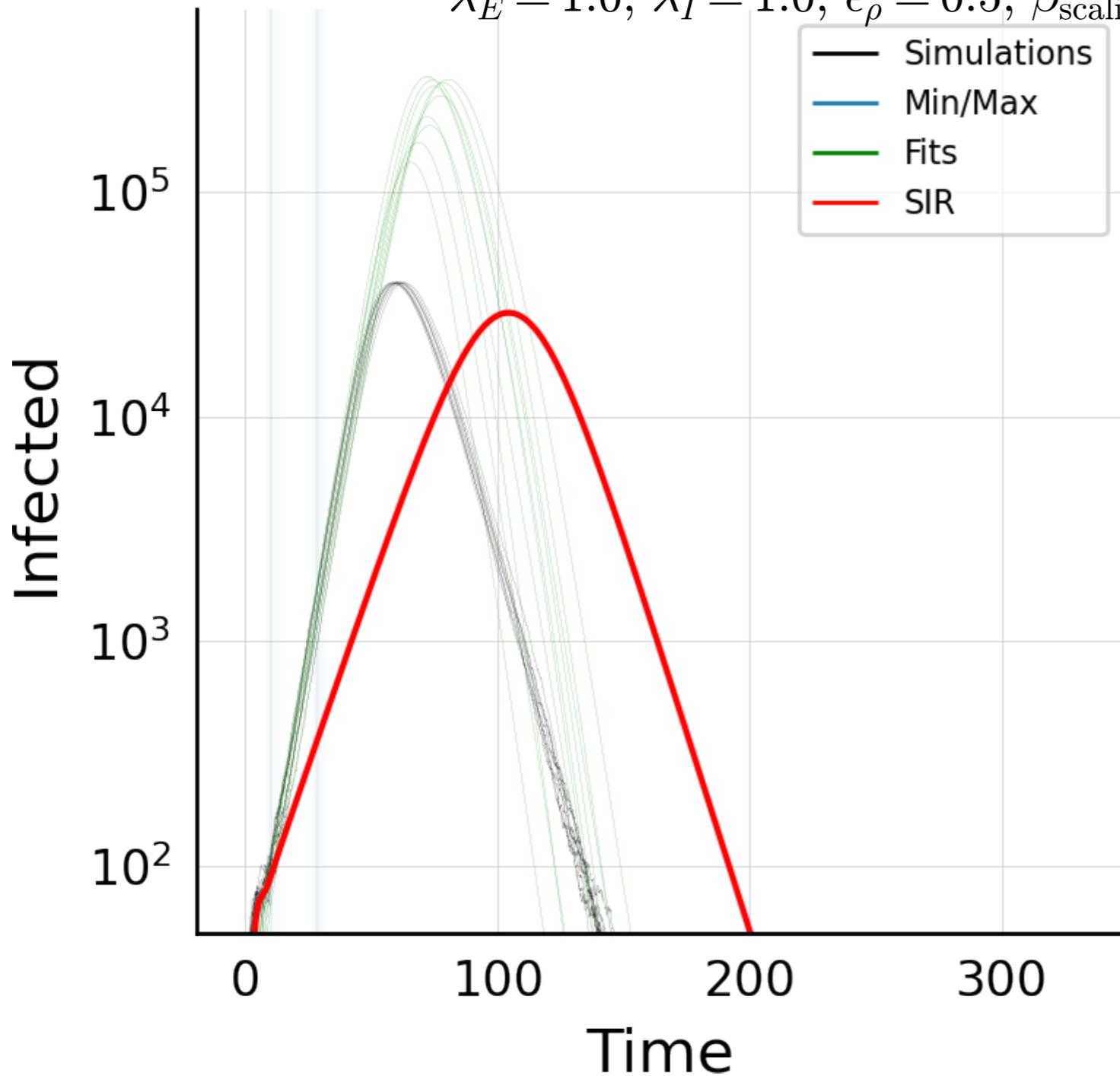


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 100.0$

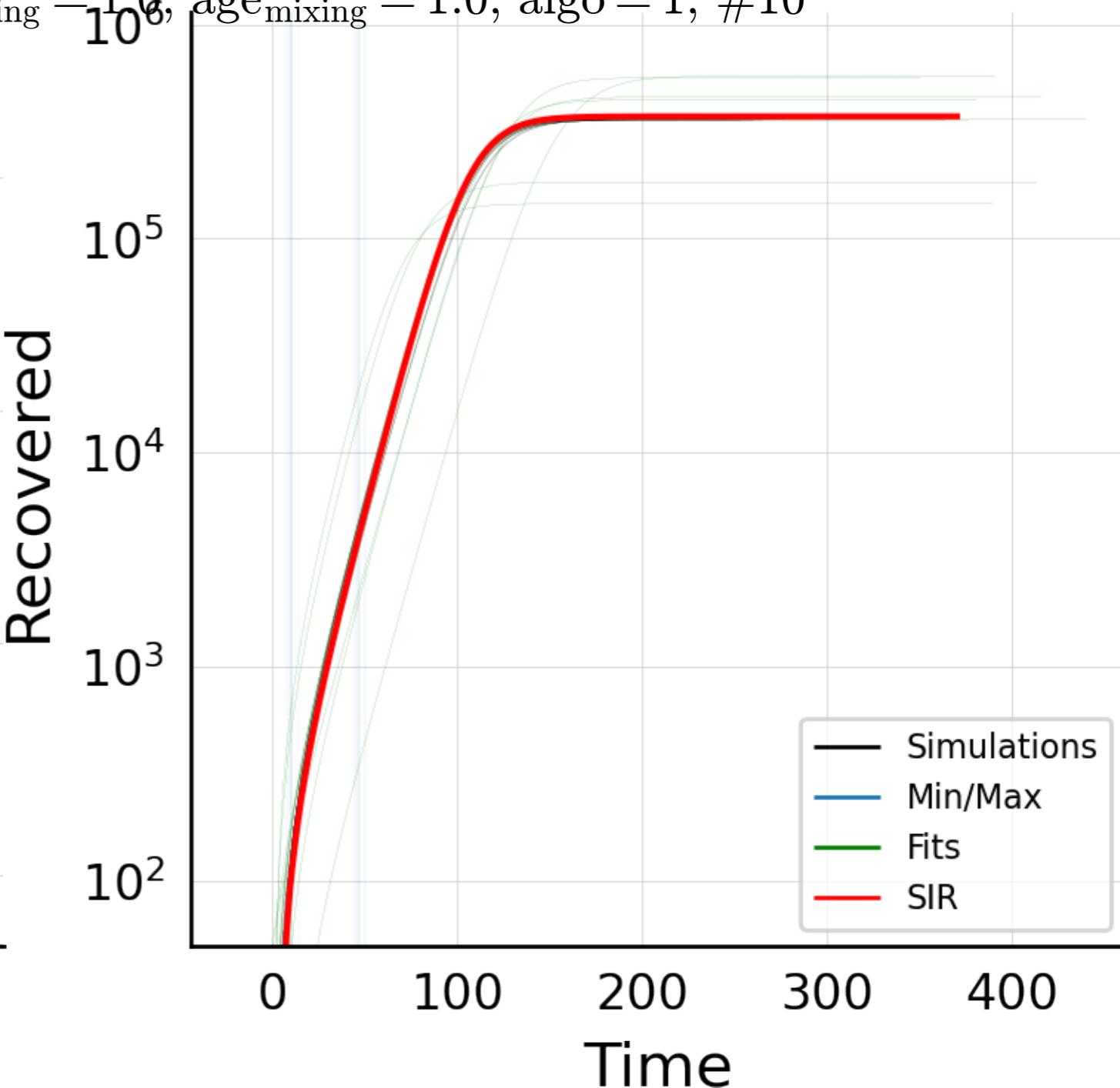
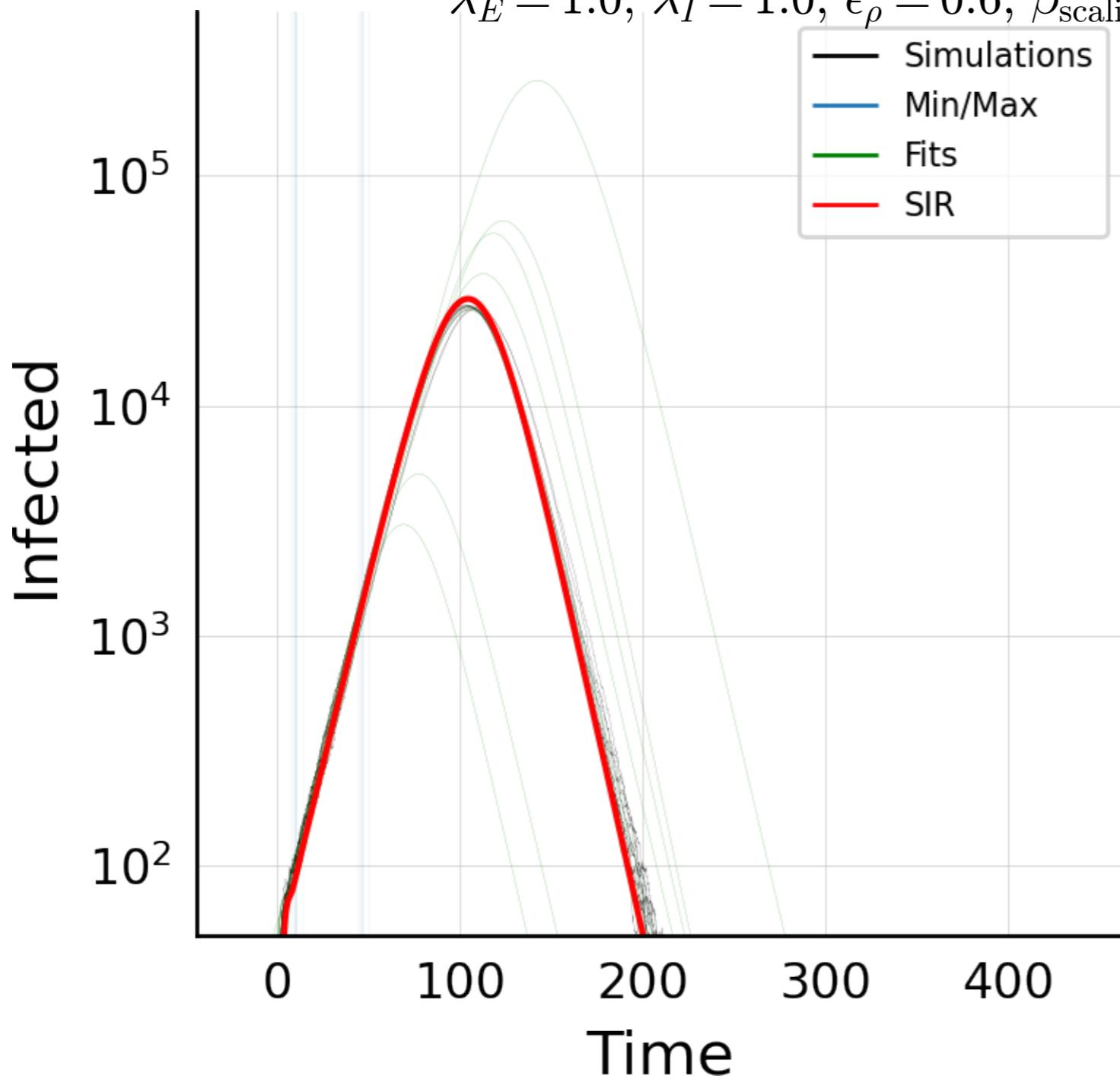
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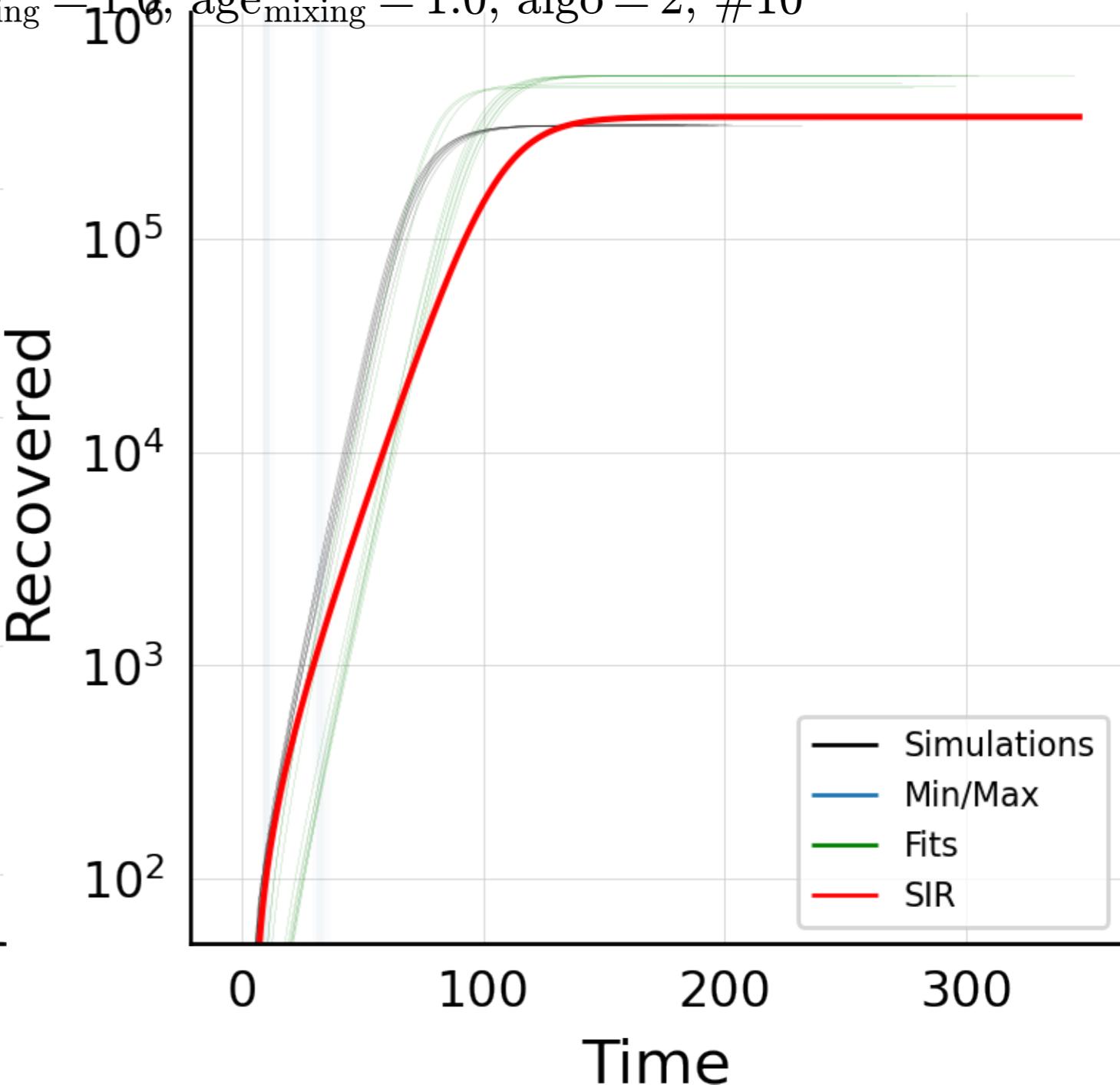
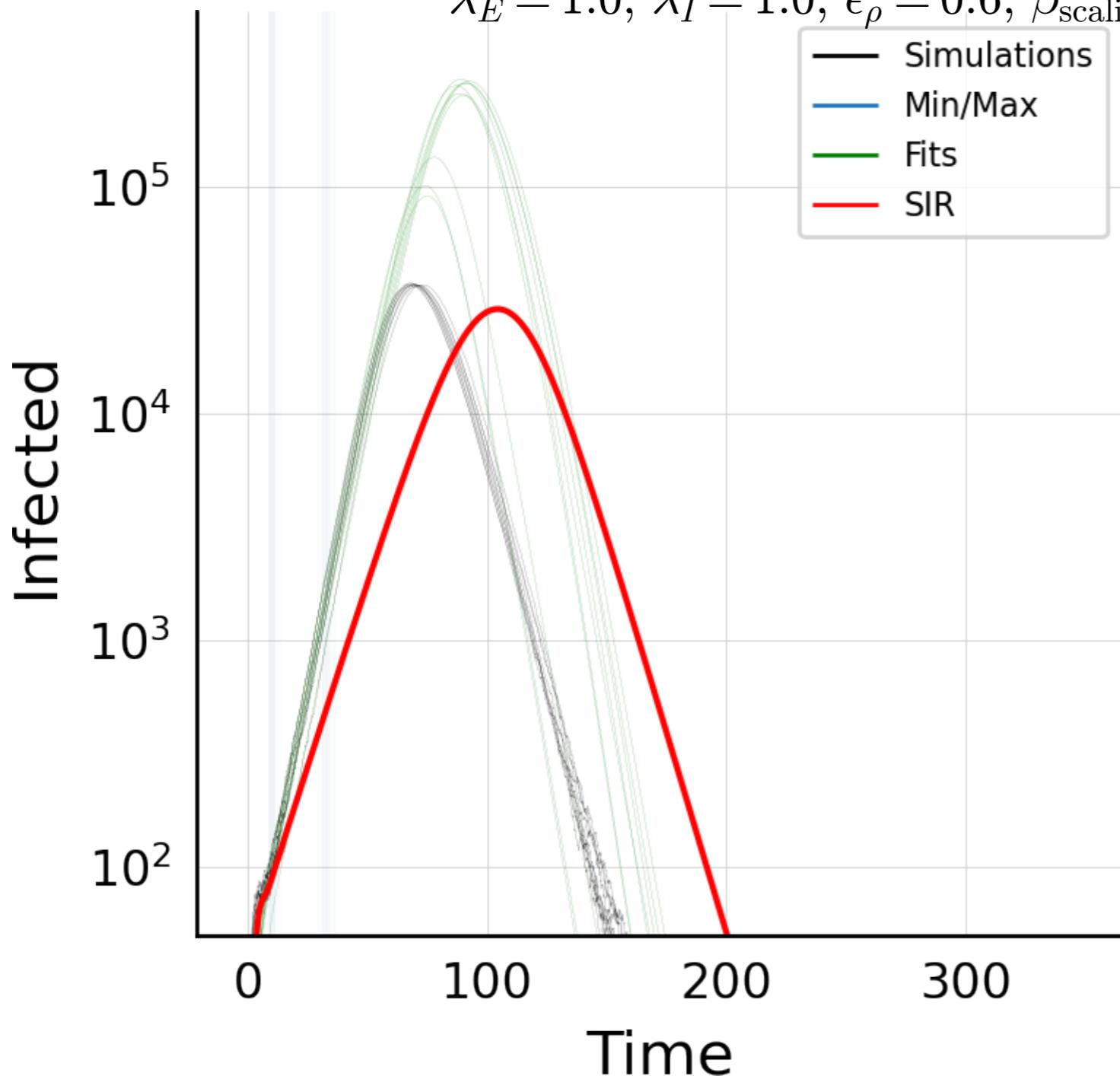
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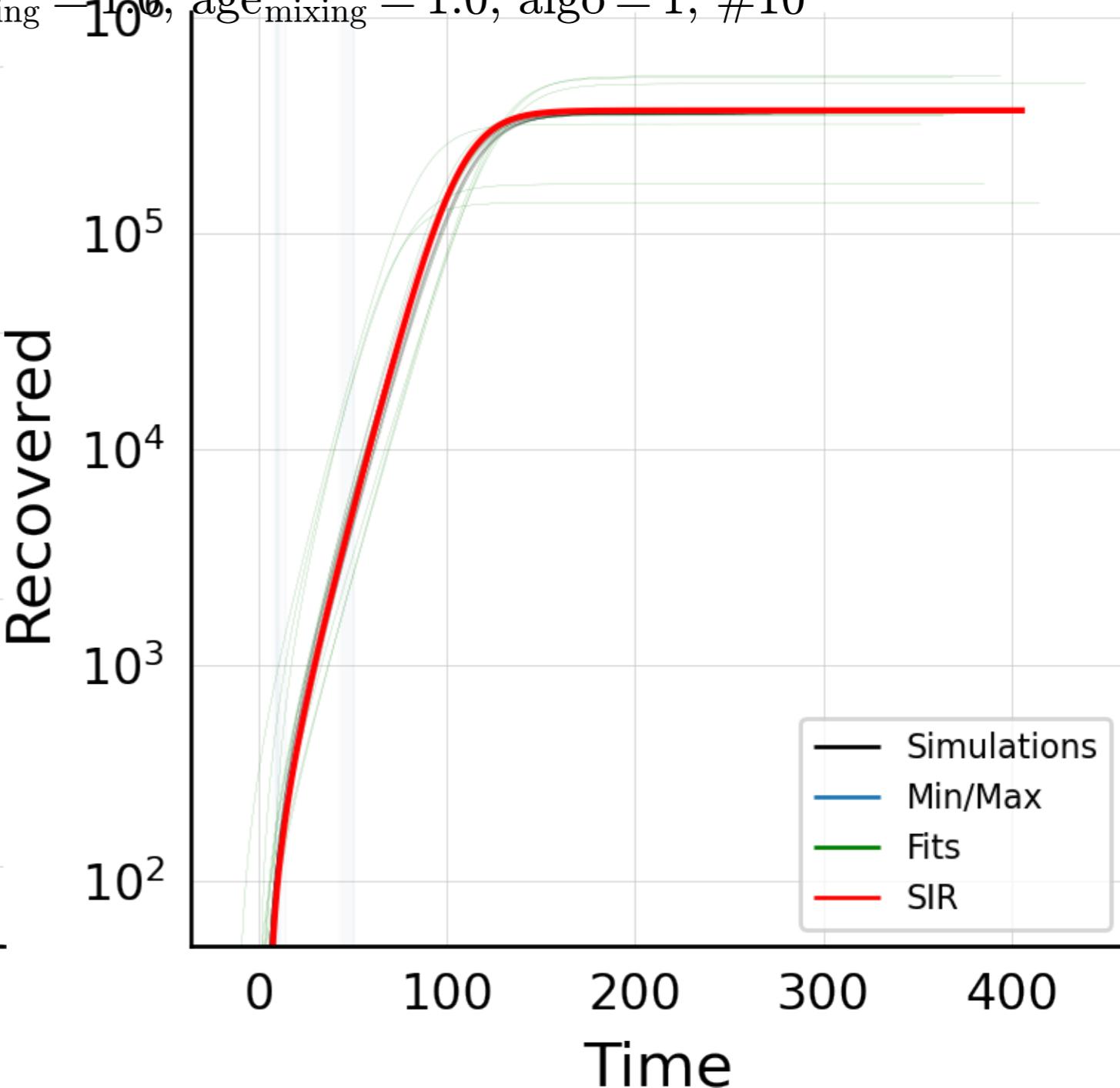
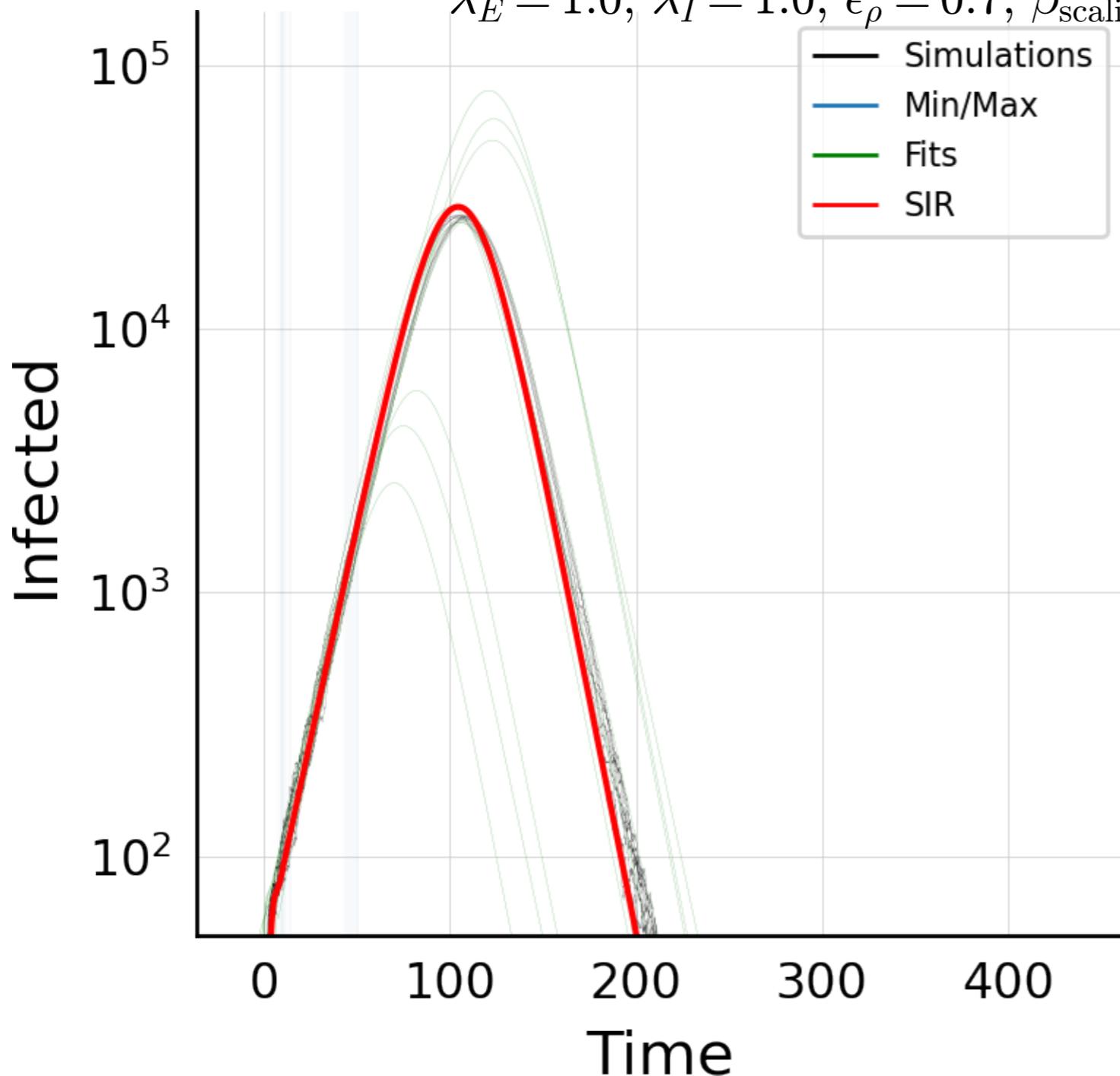
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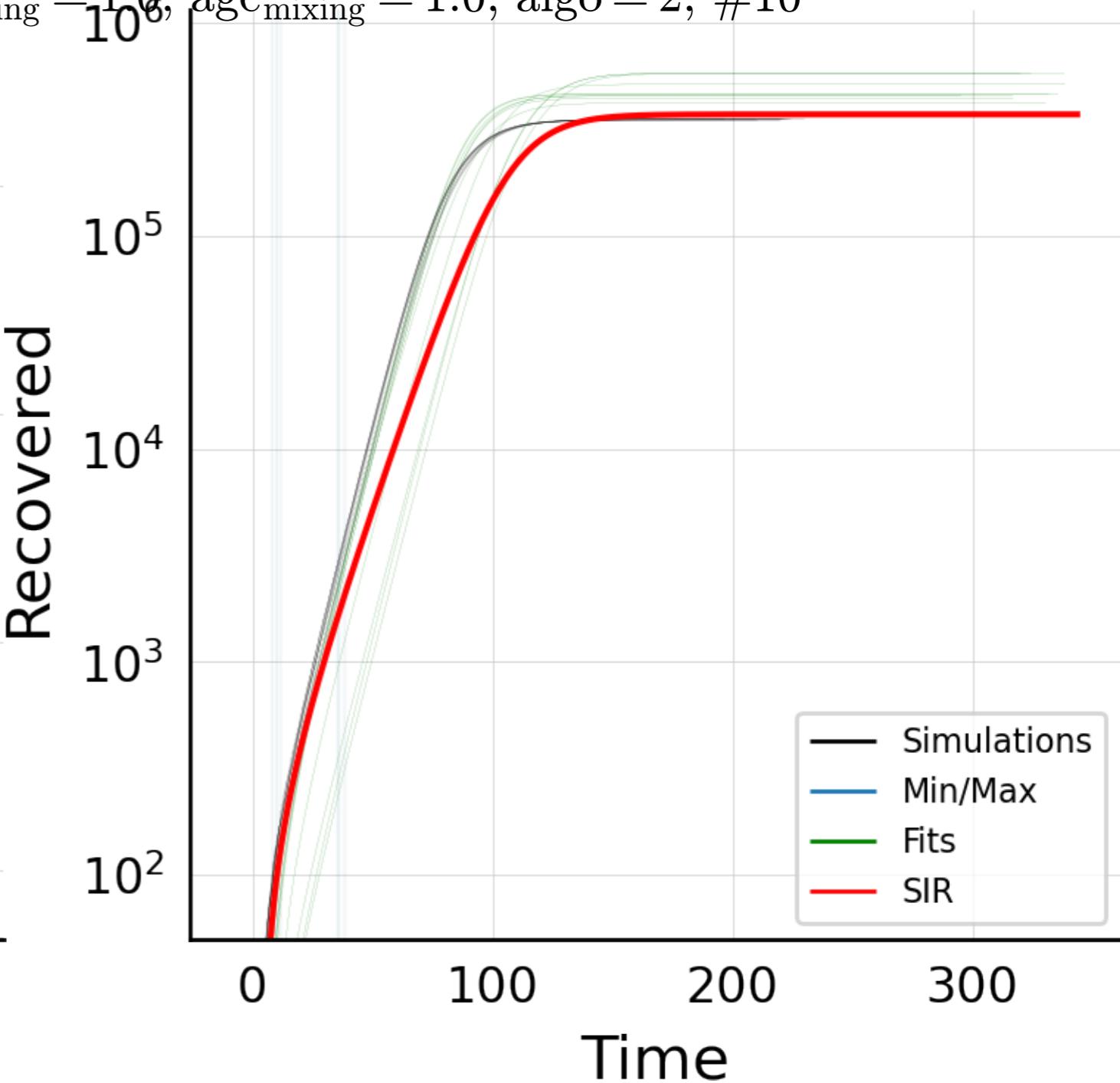
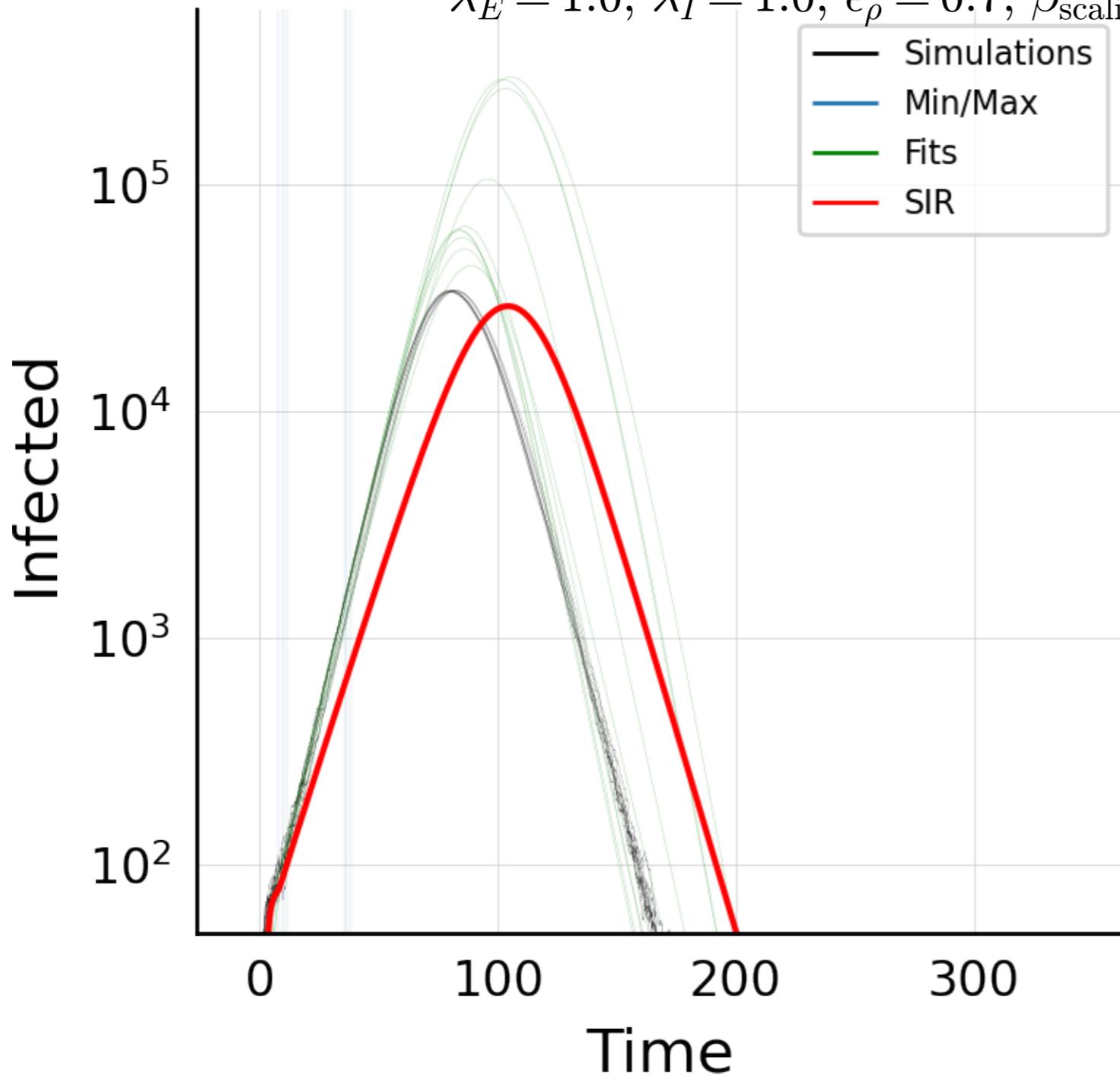
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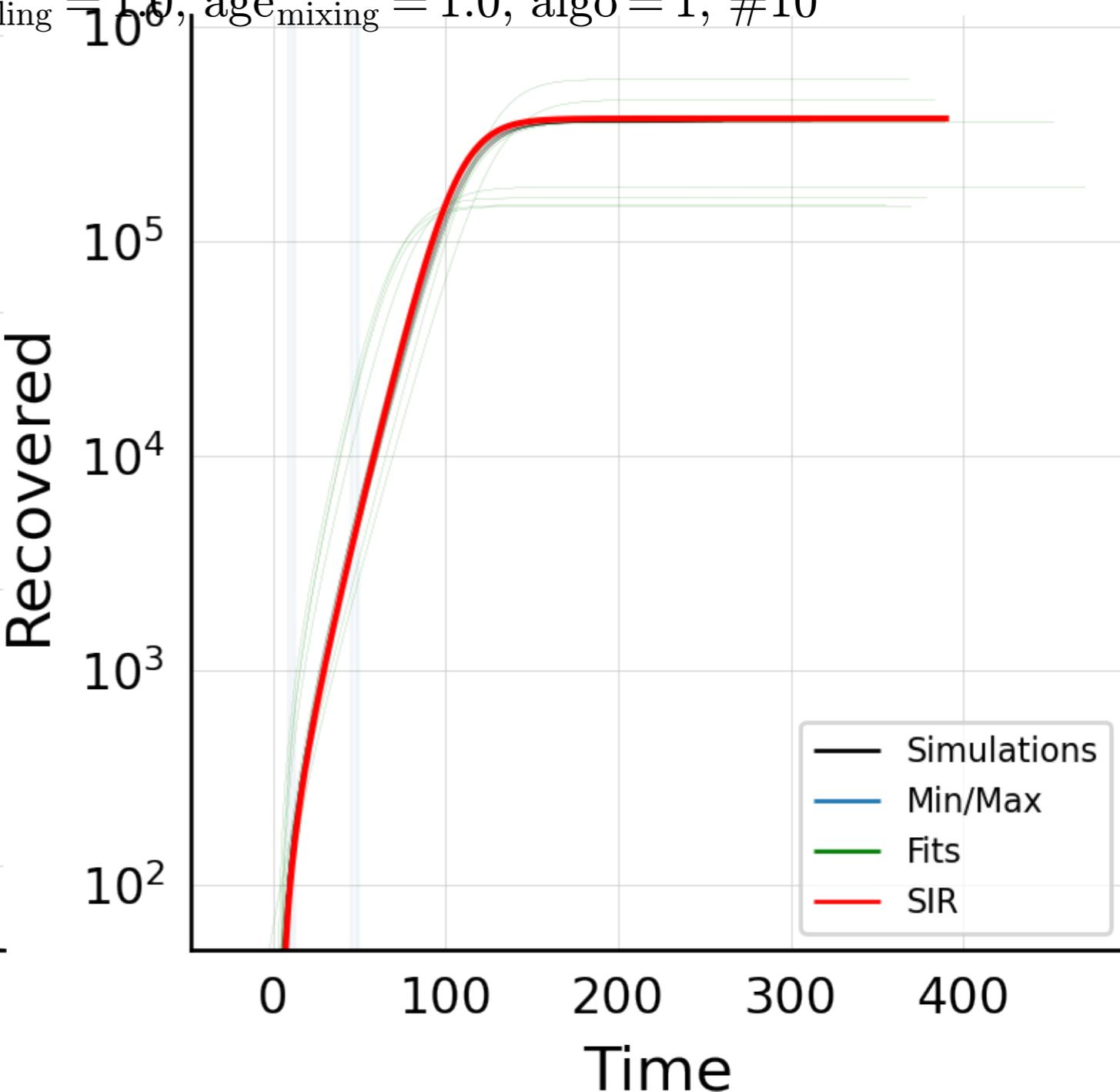
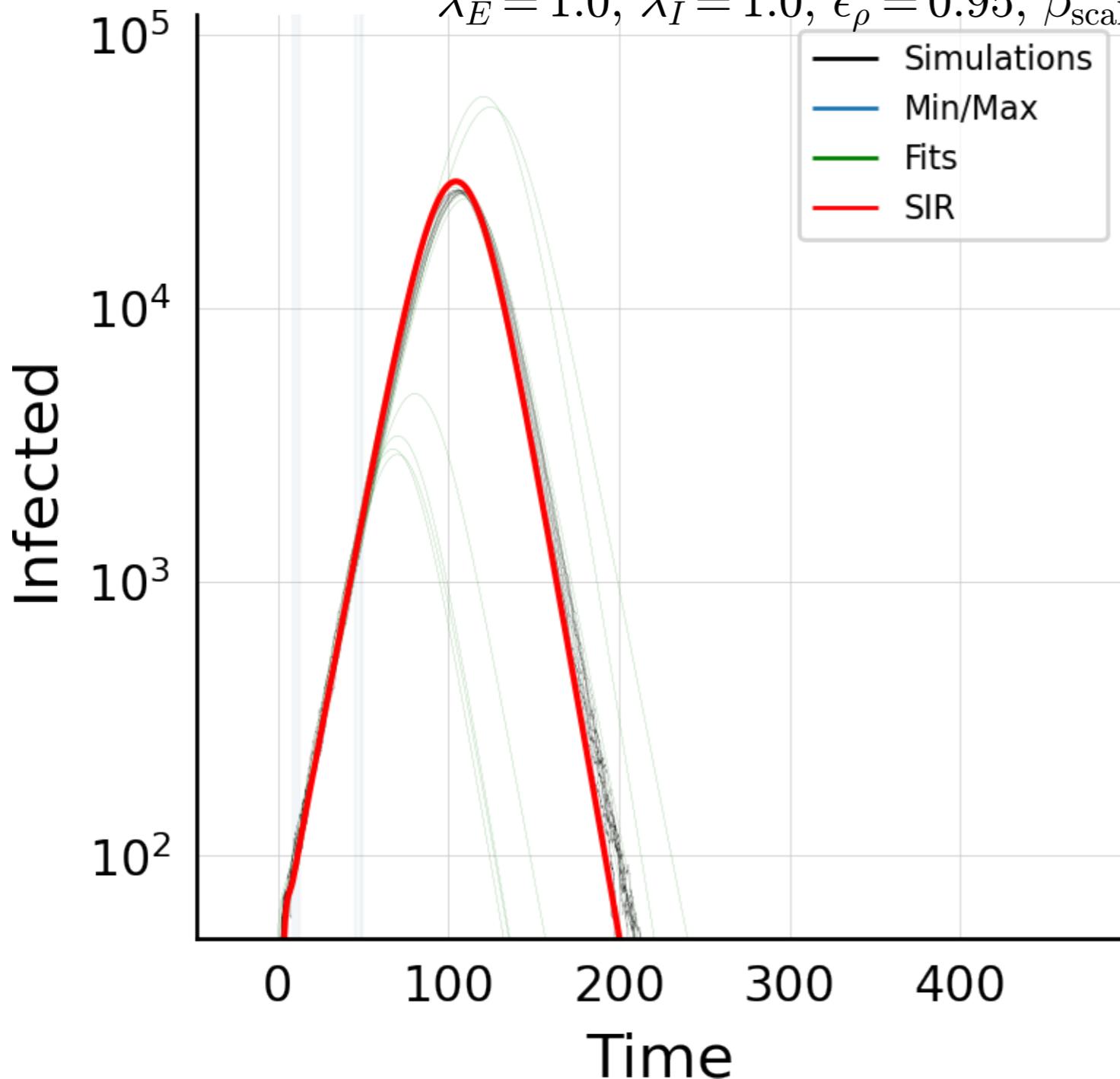
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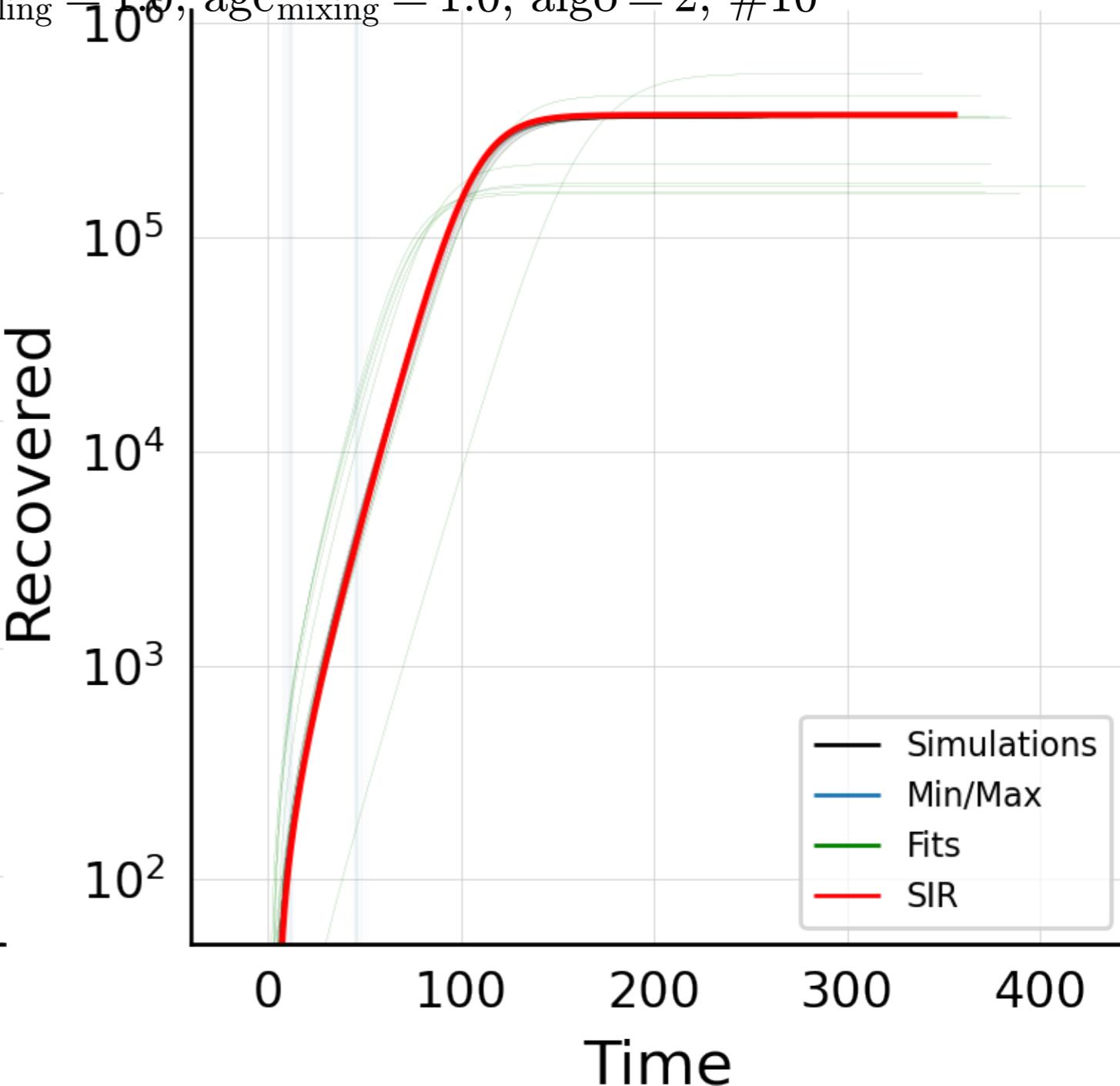
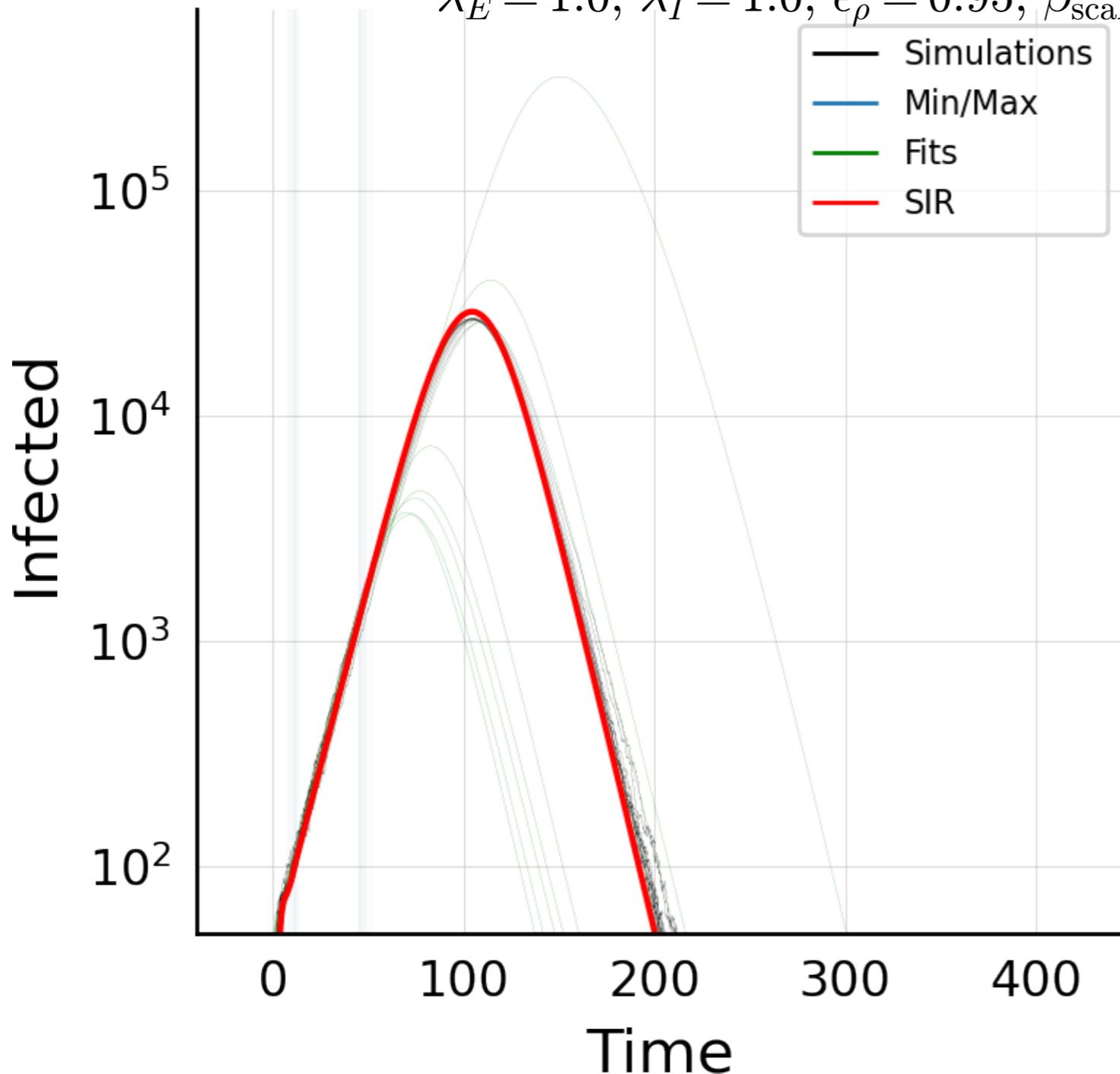
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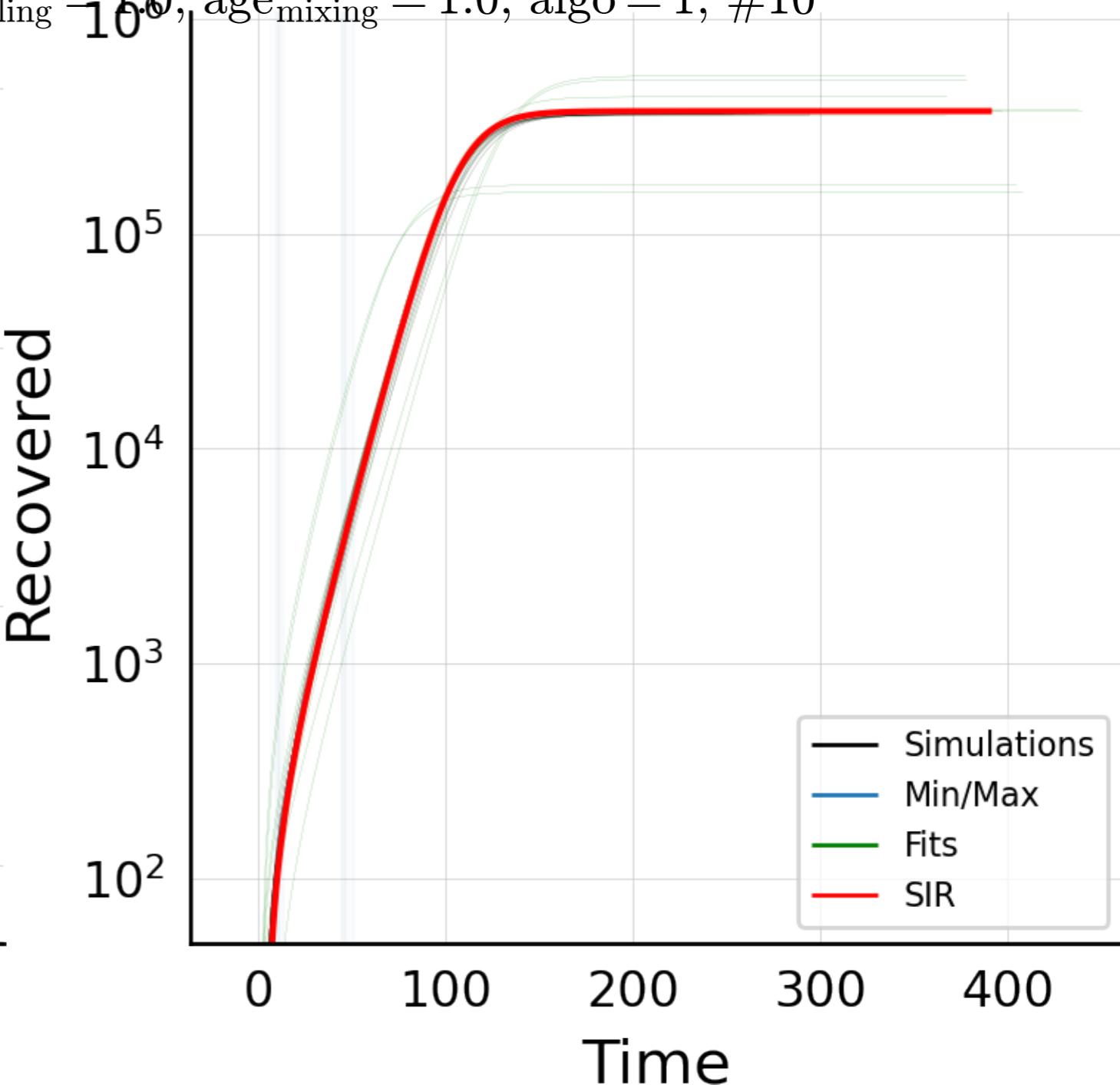
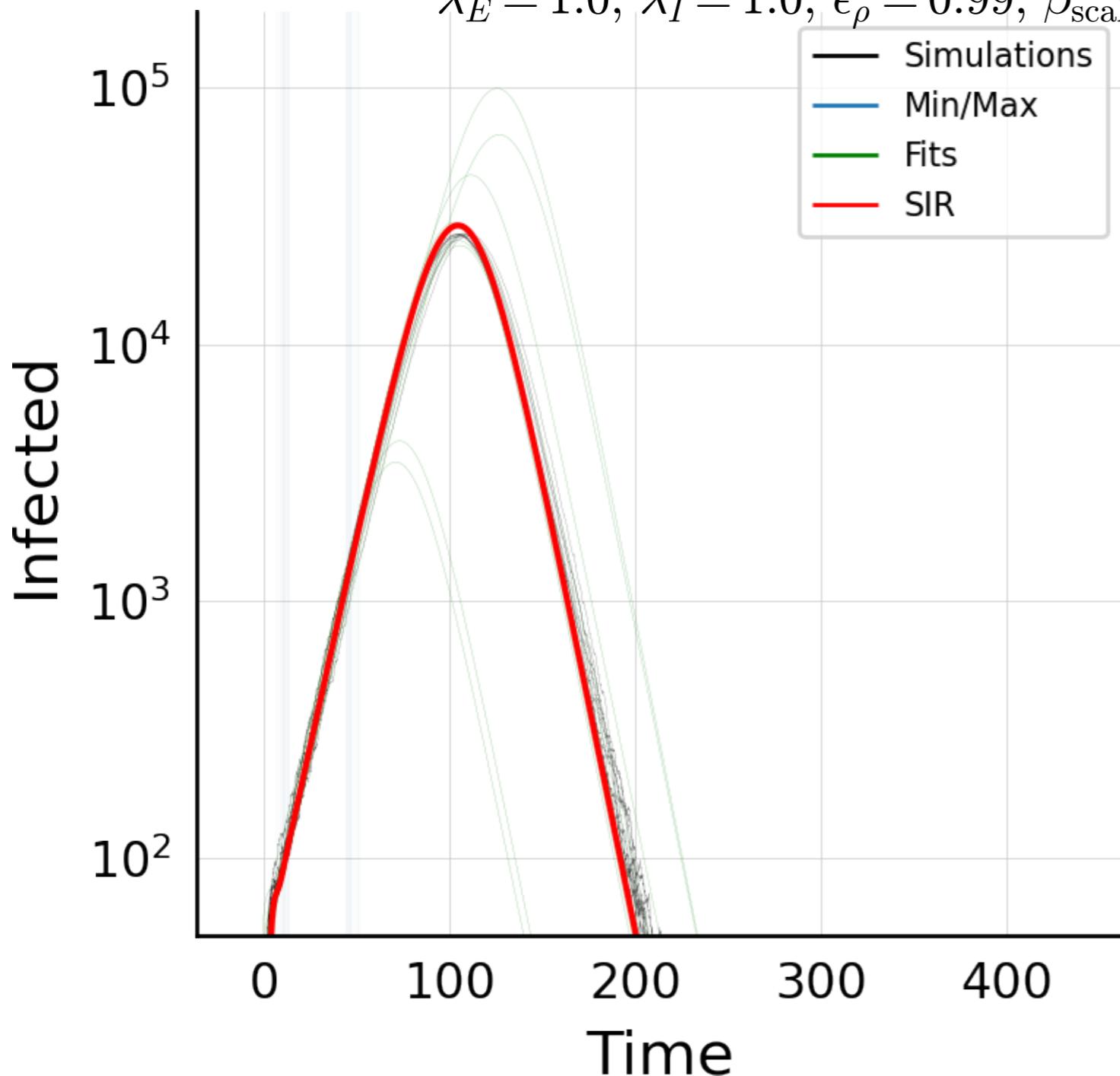
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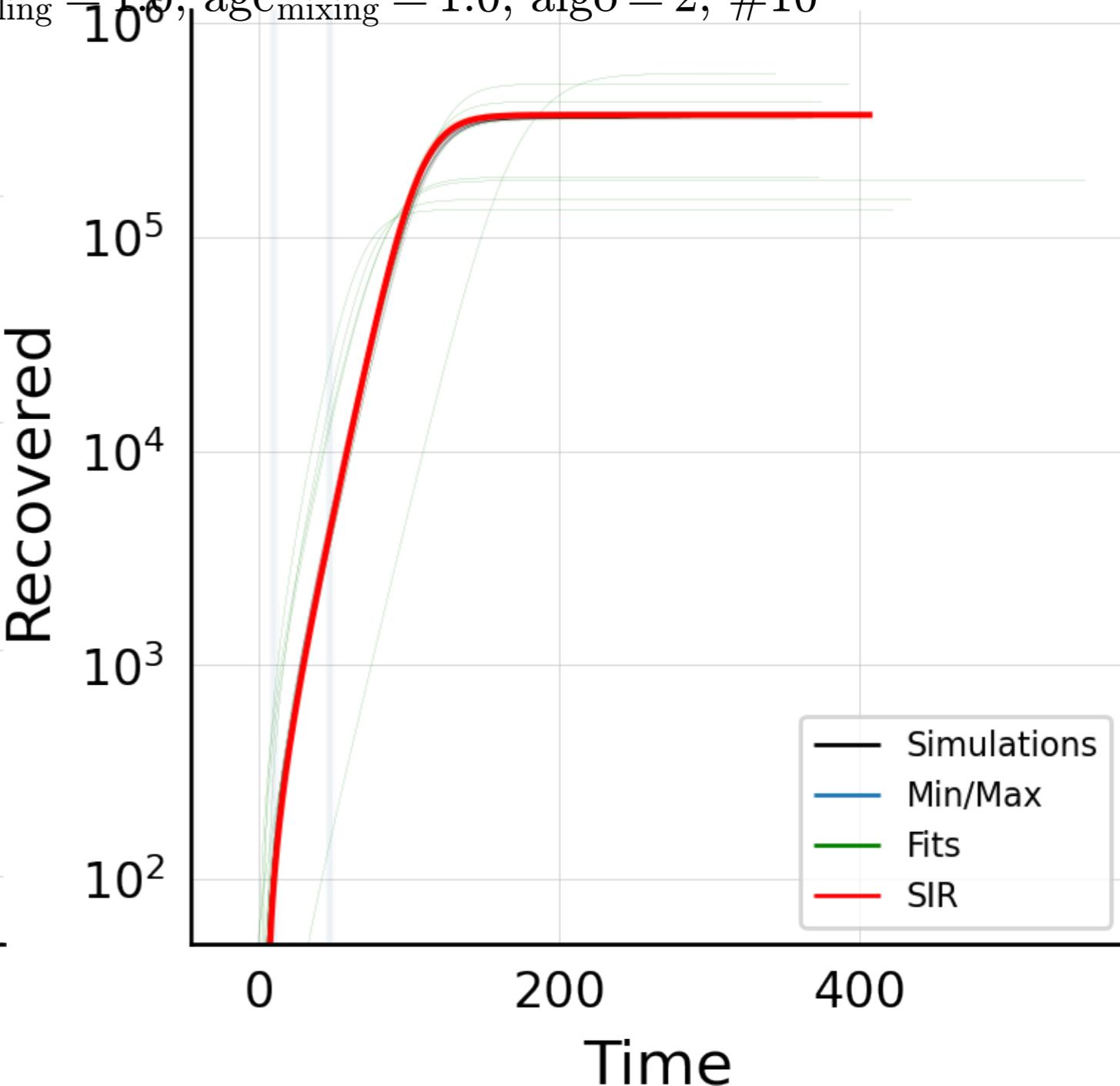
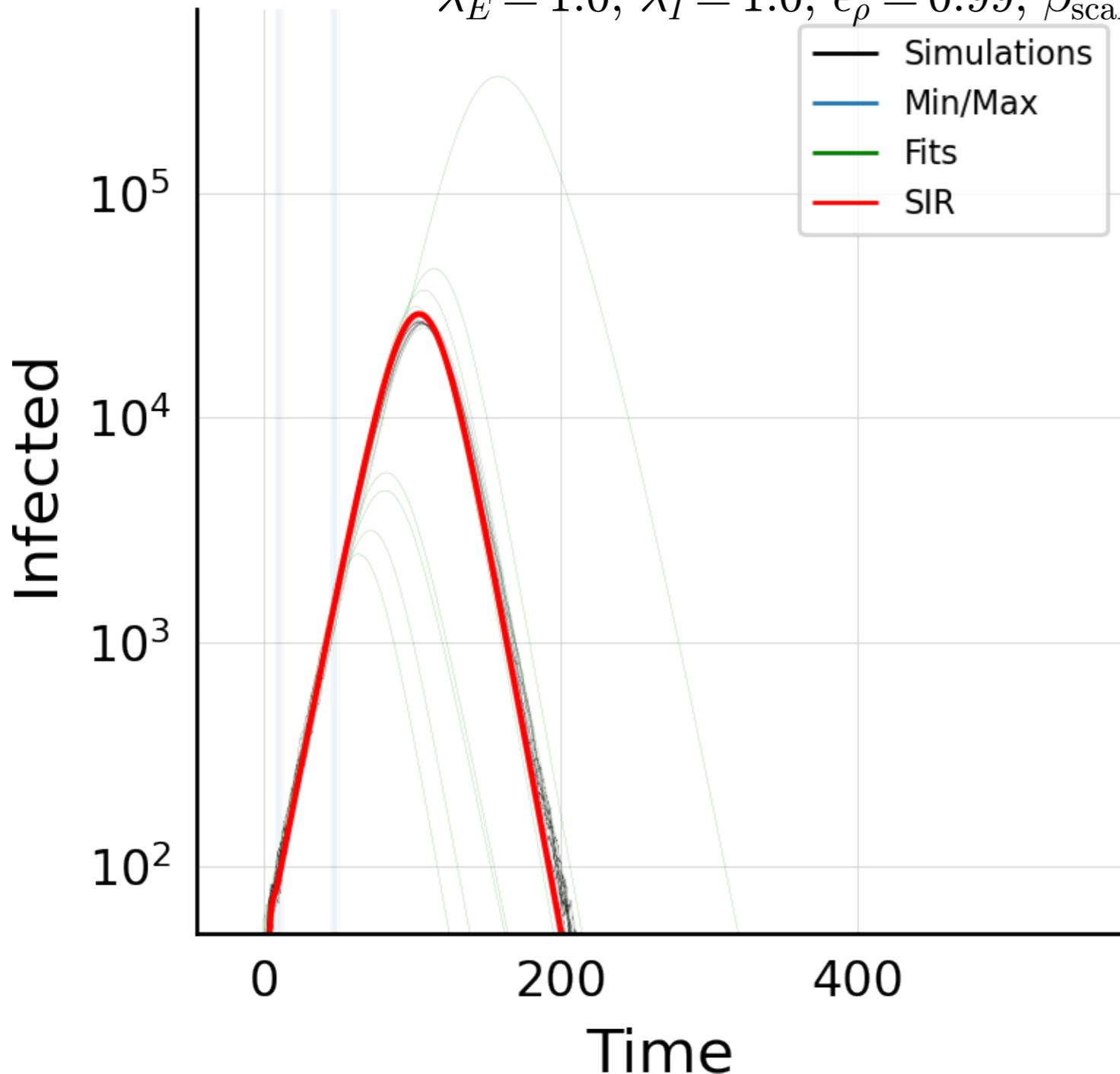
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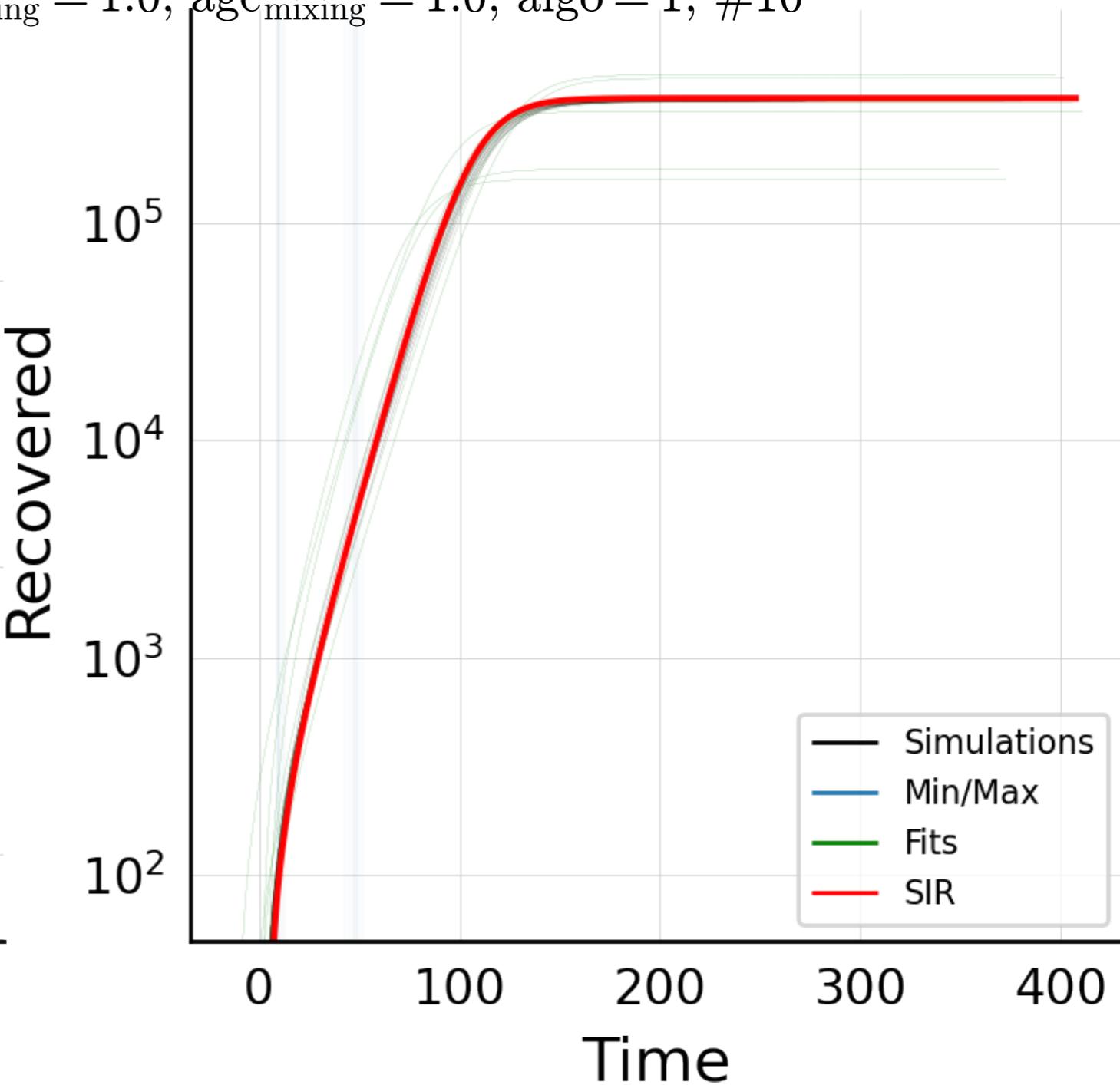
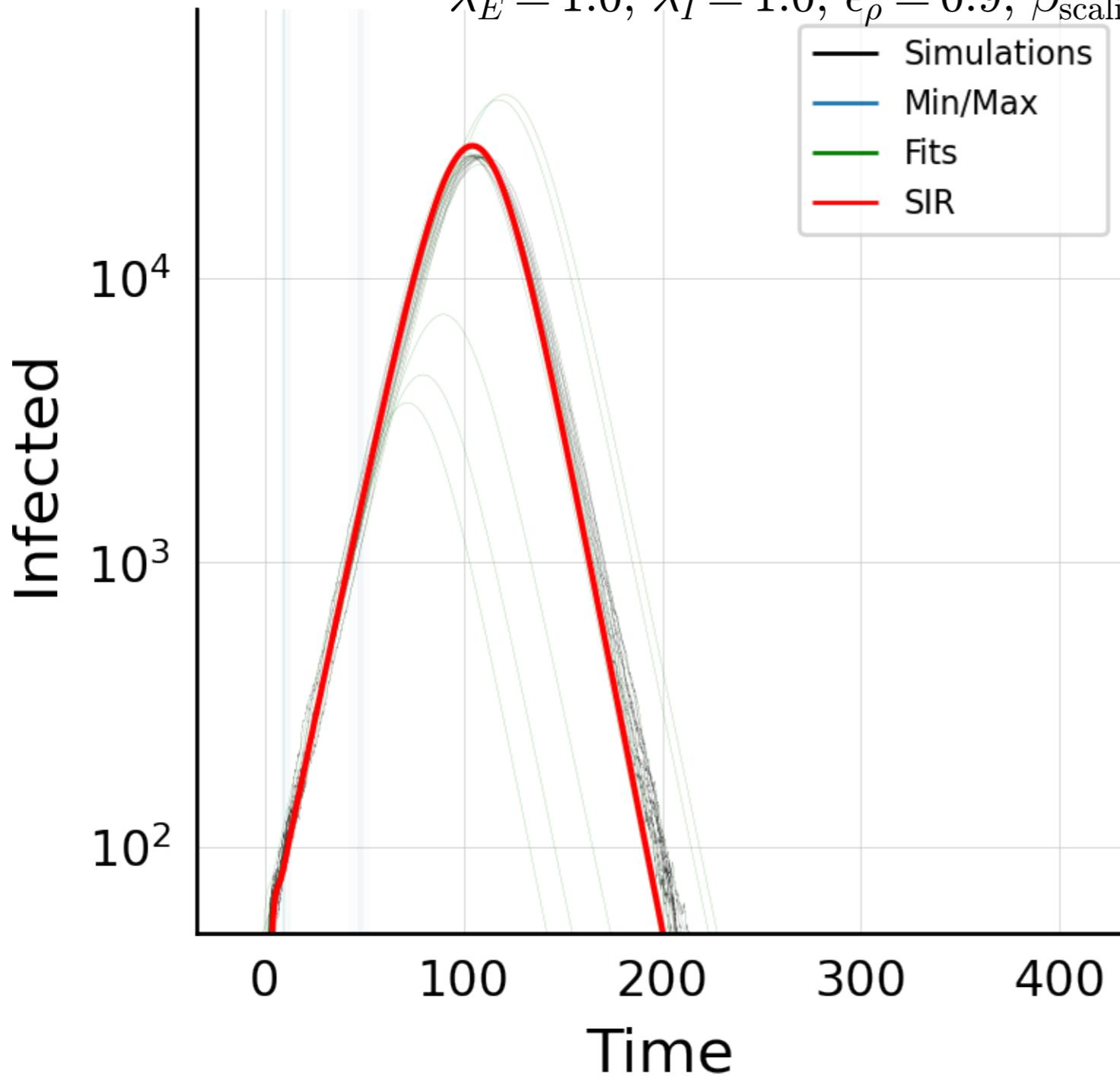
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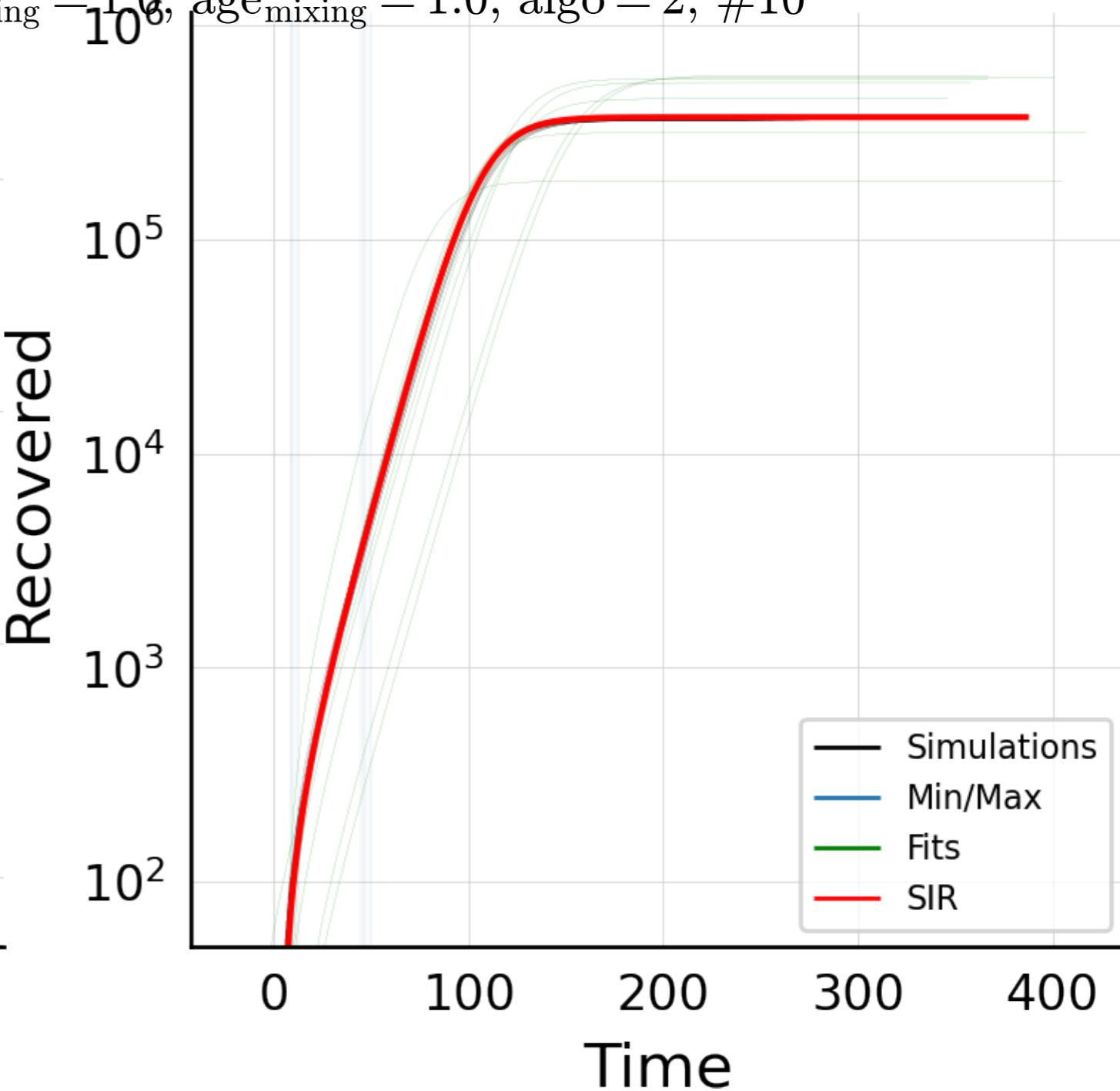
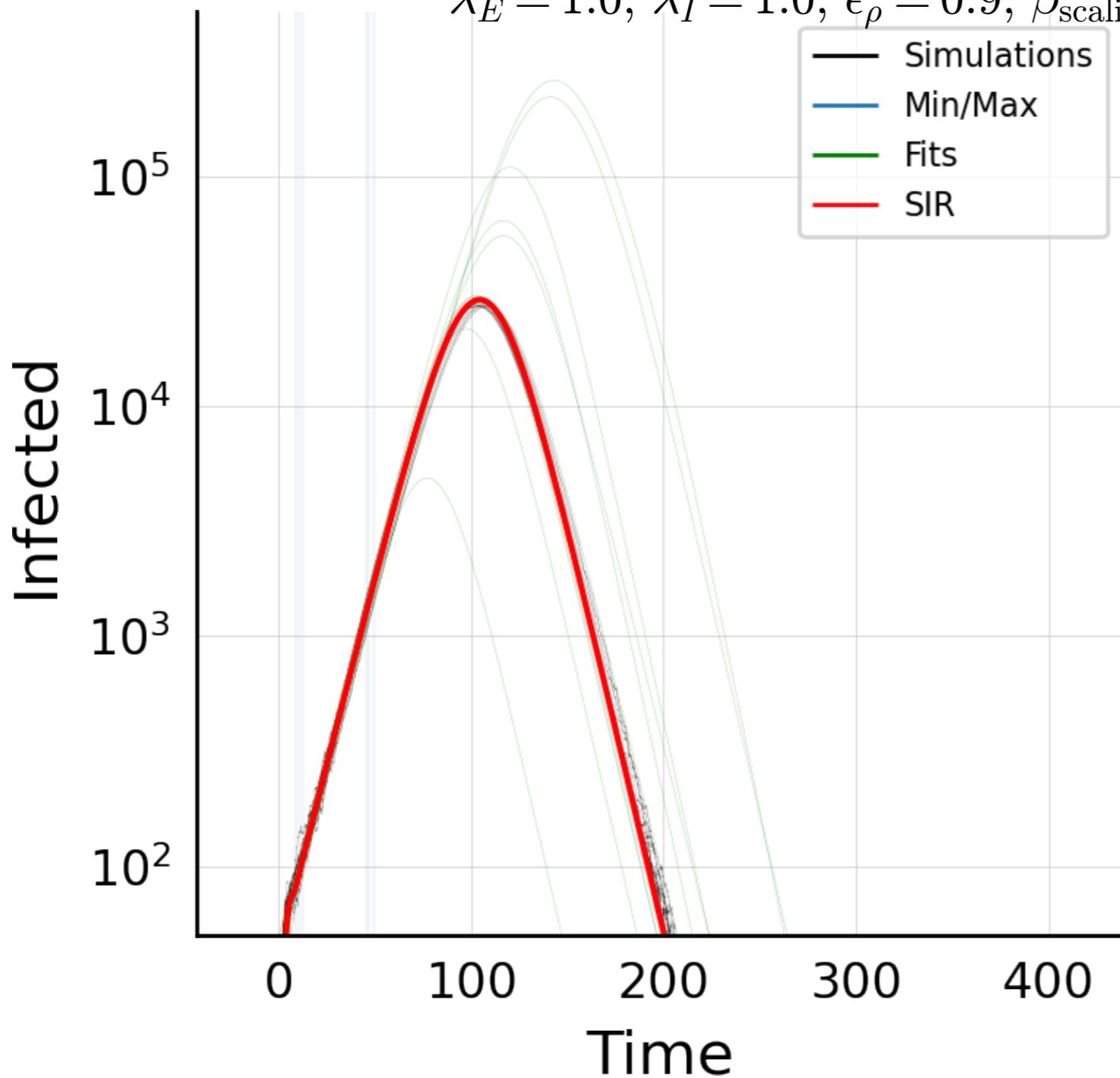
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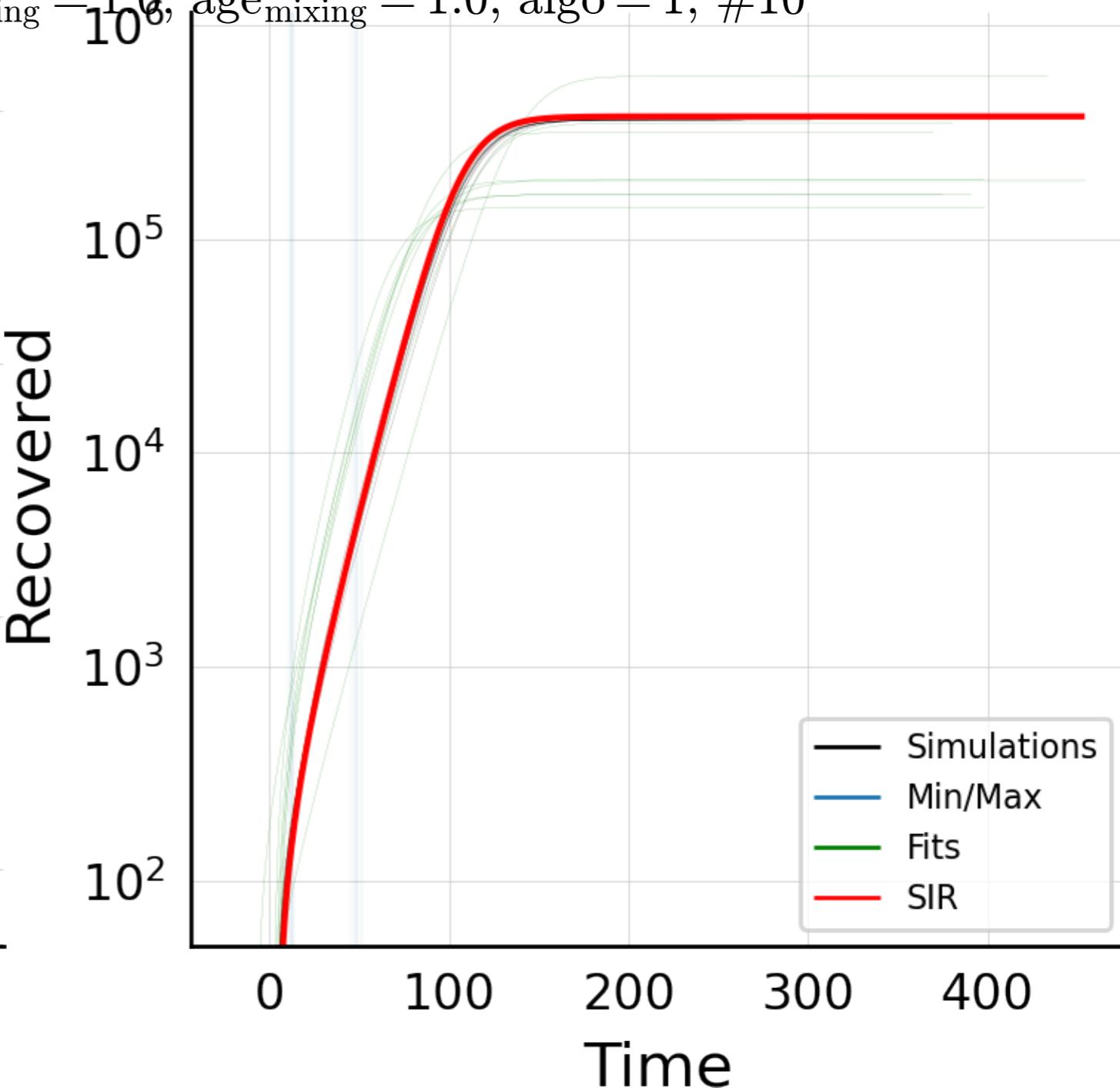
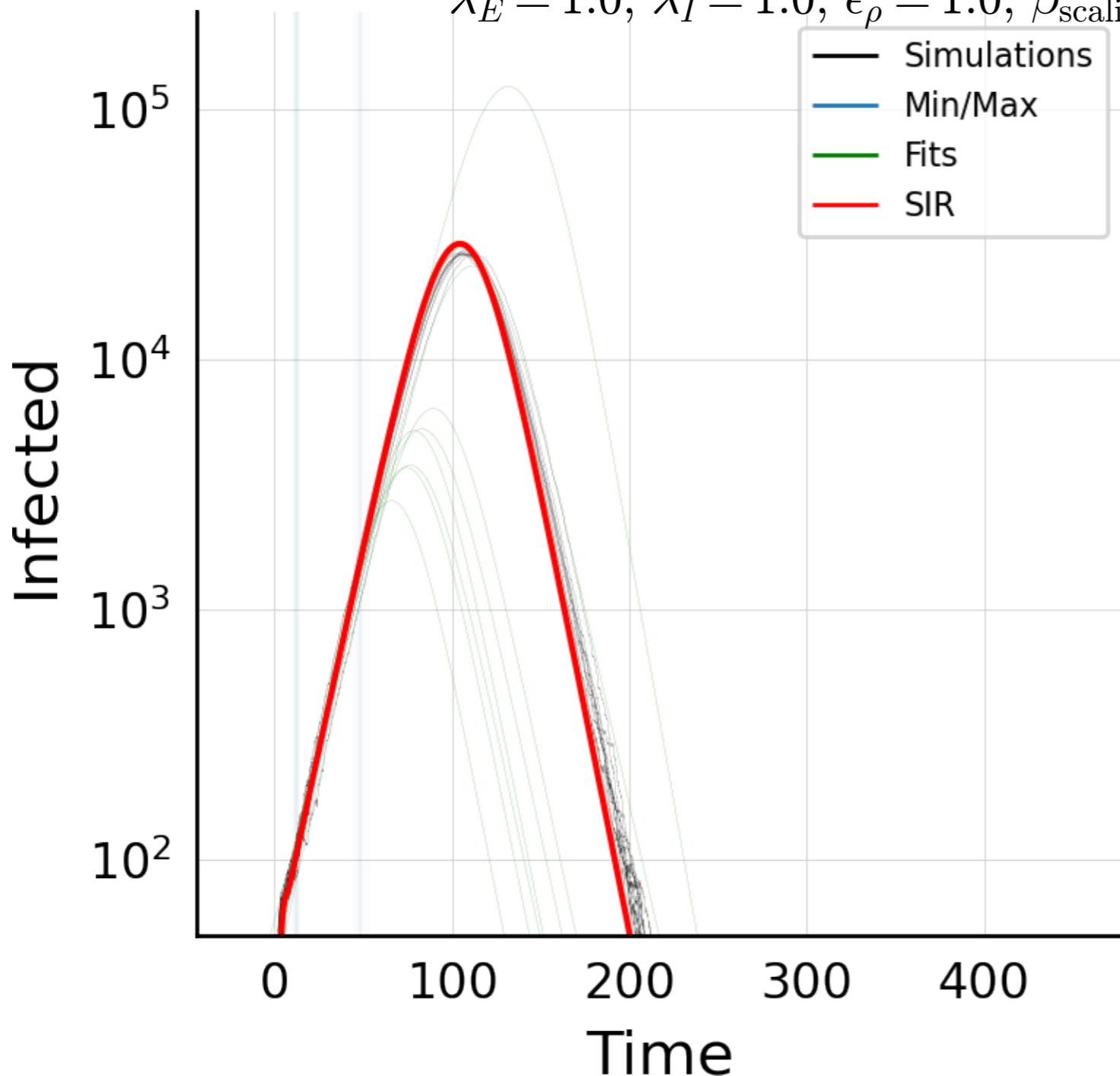
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.9$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



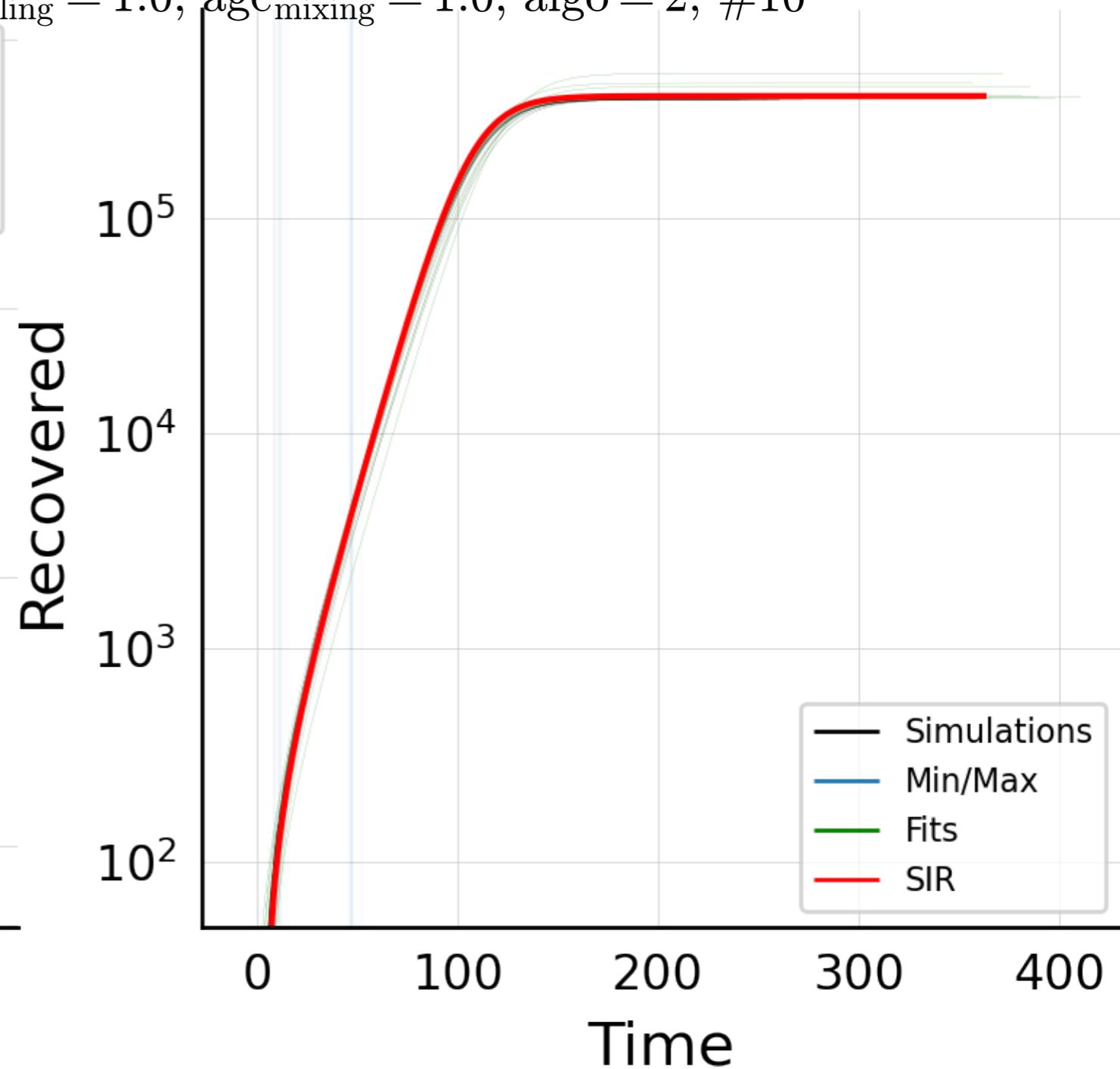
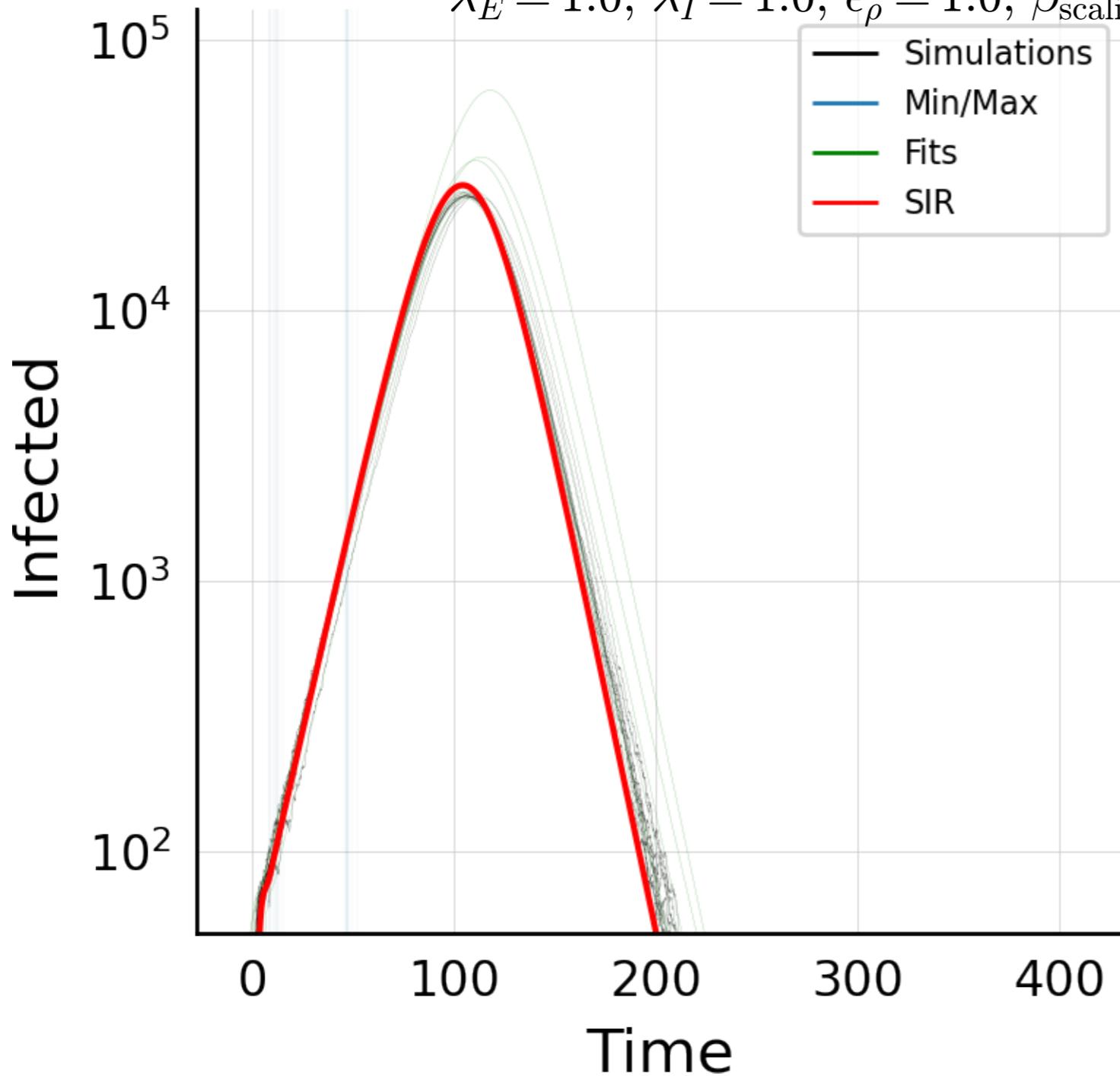
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.9$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



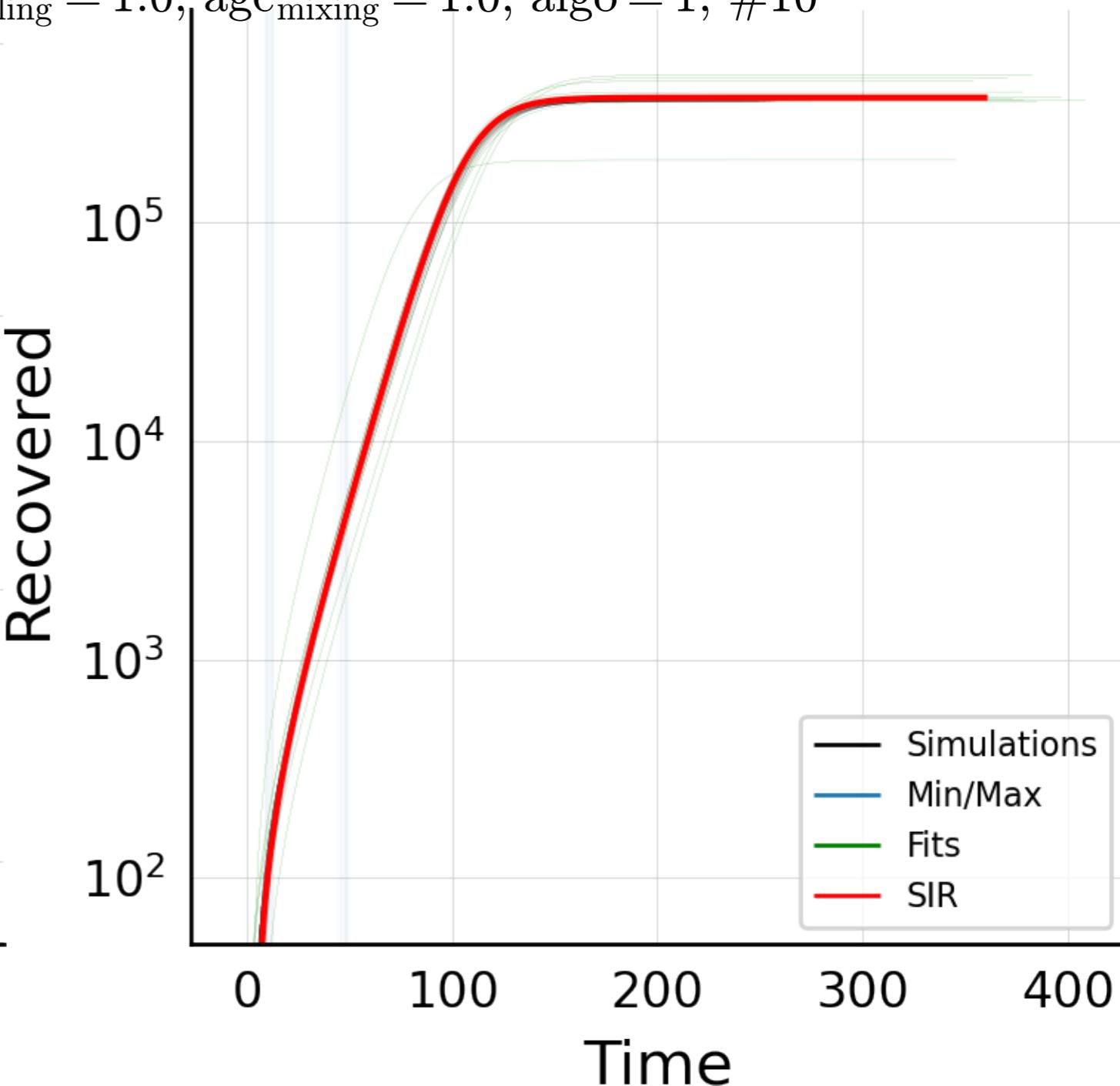
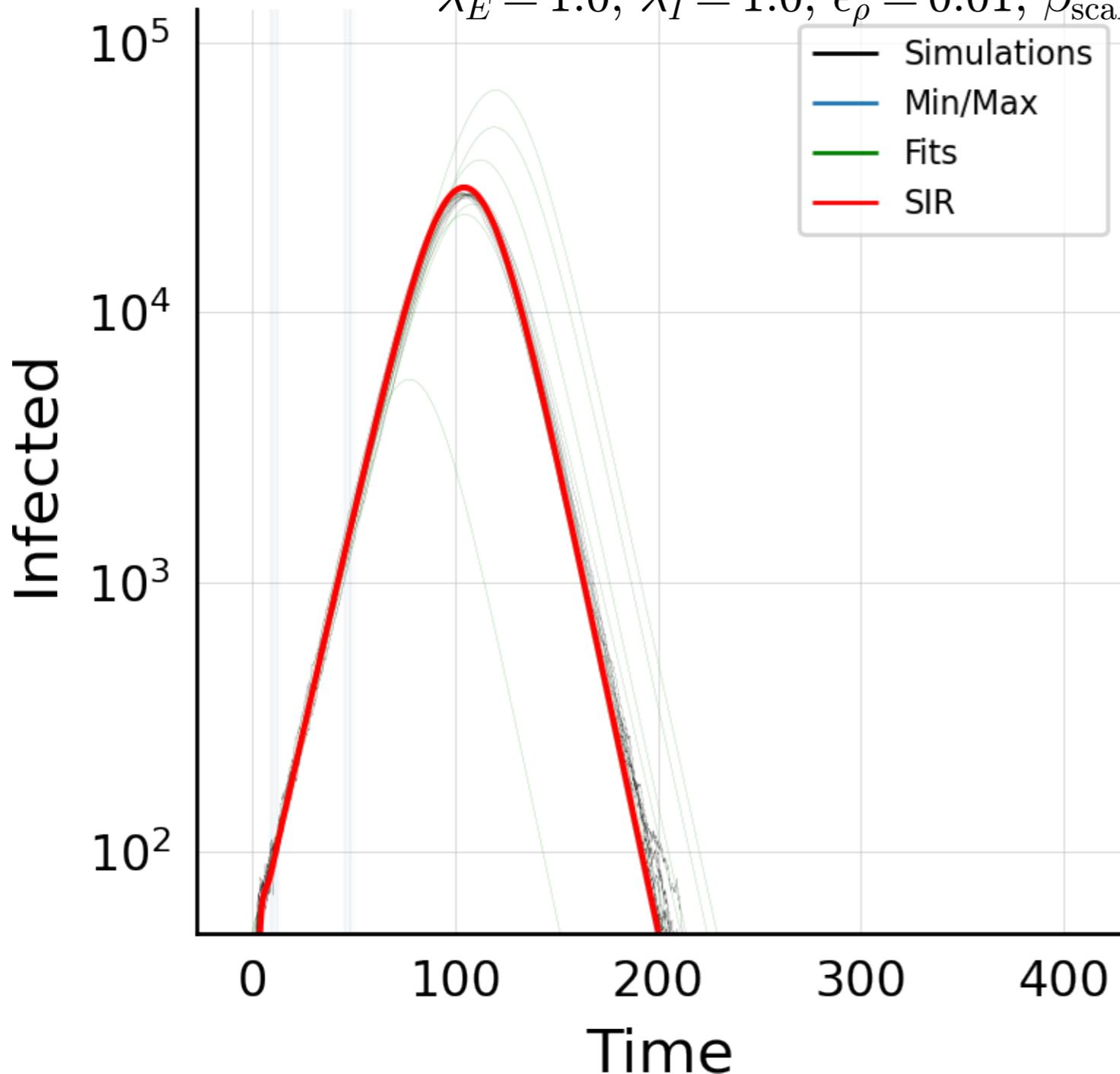
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 1.0$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



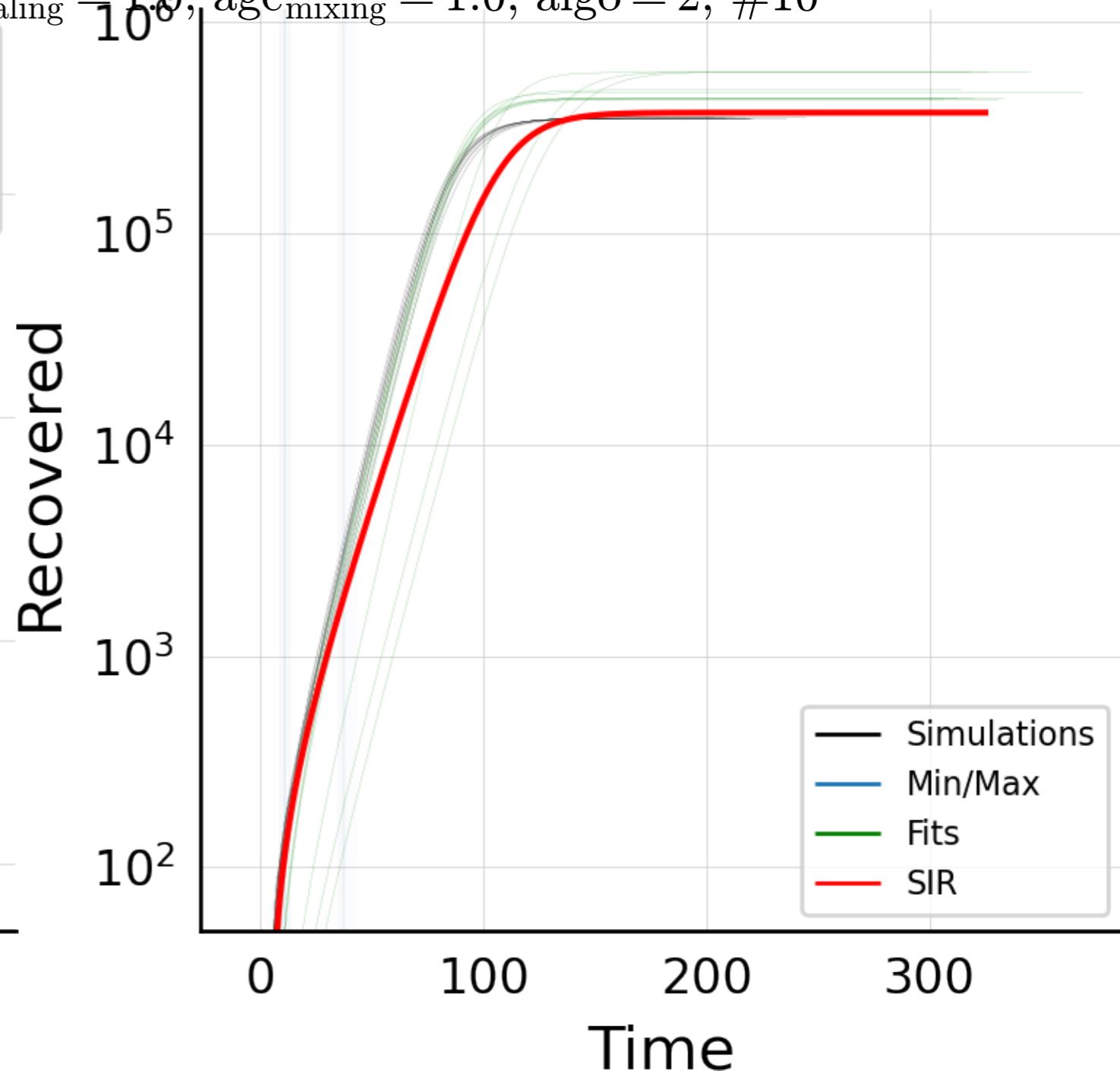
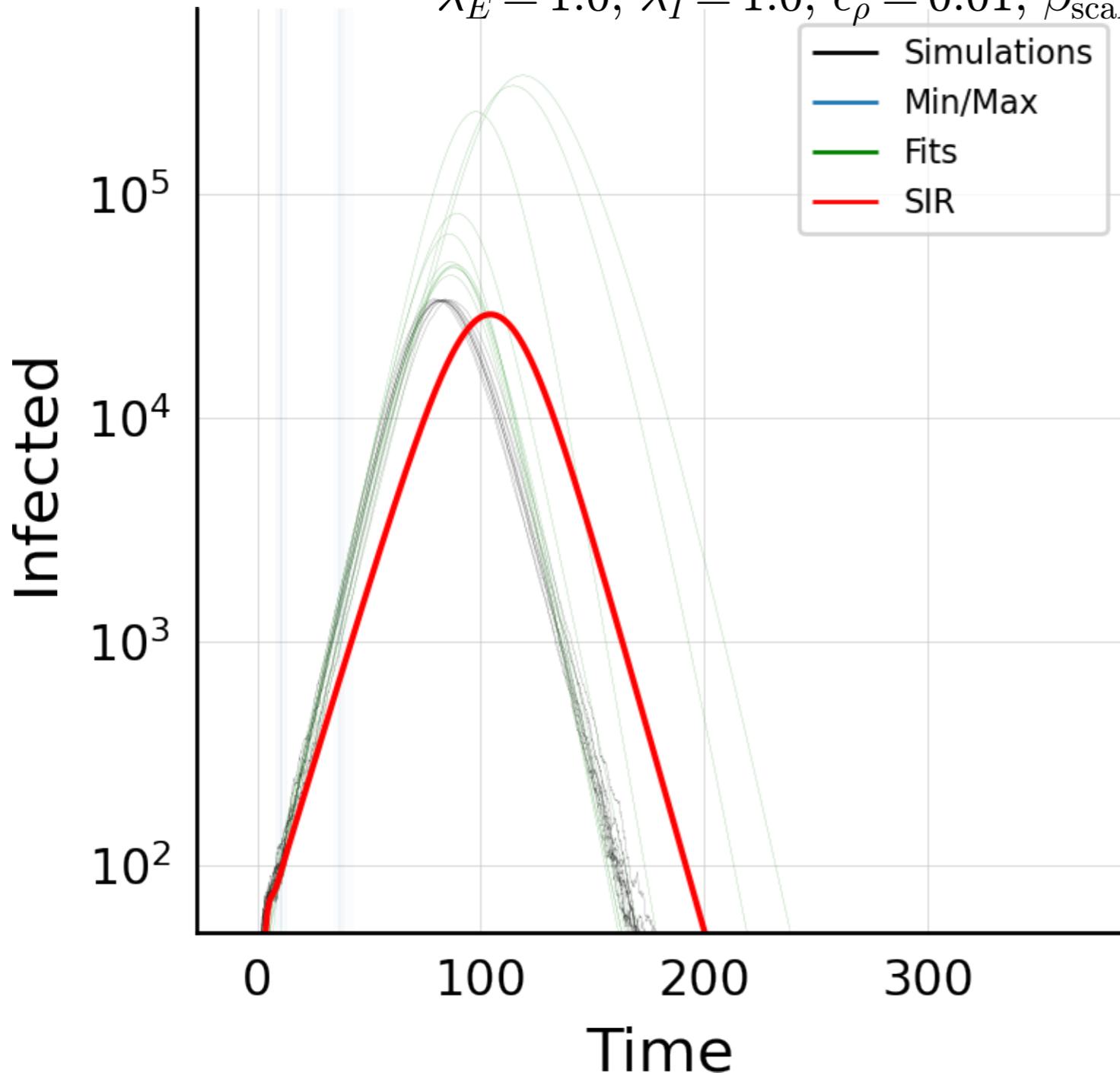
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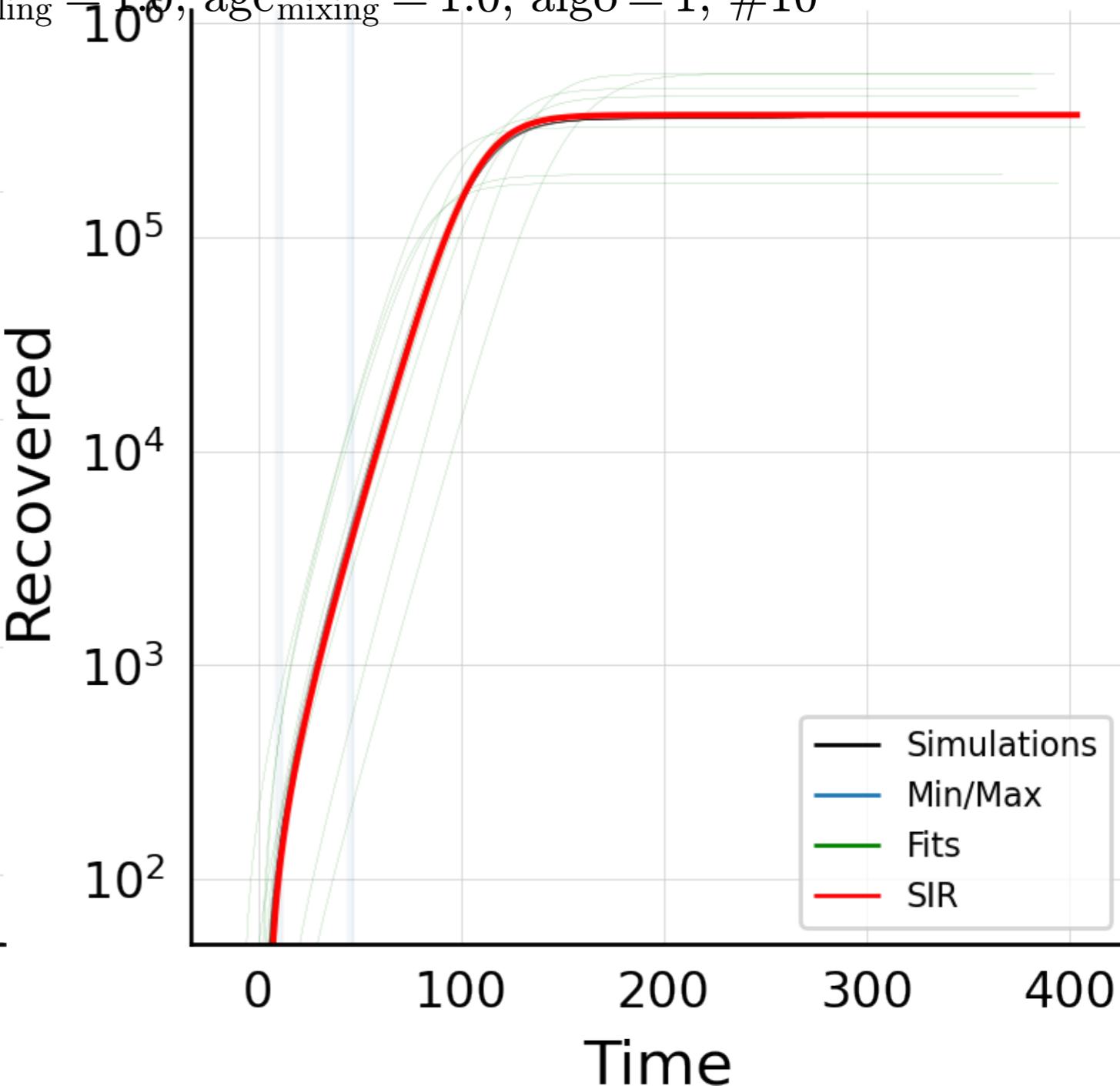
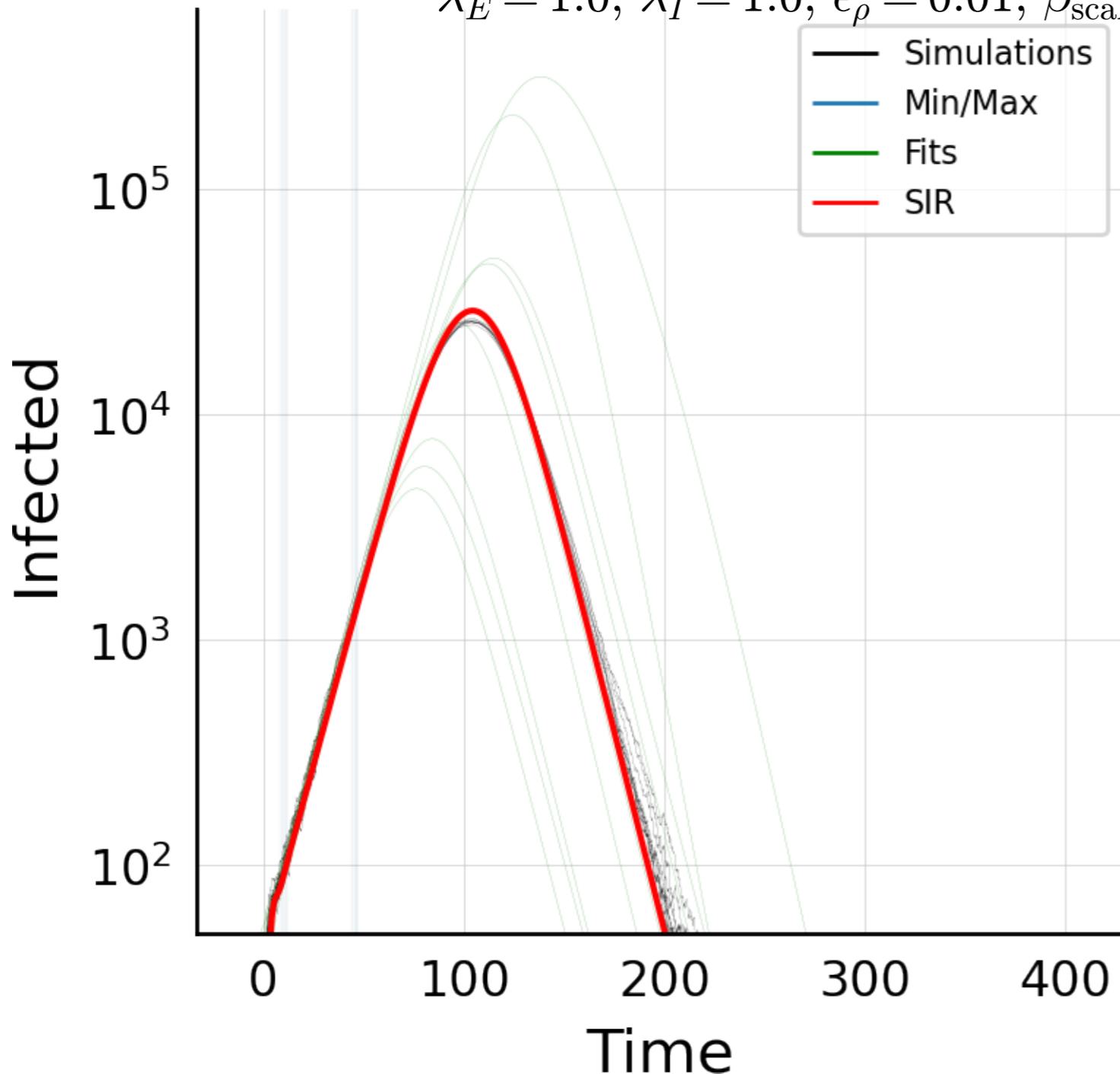
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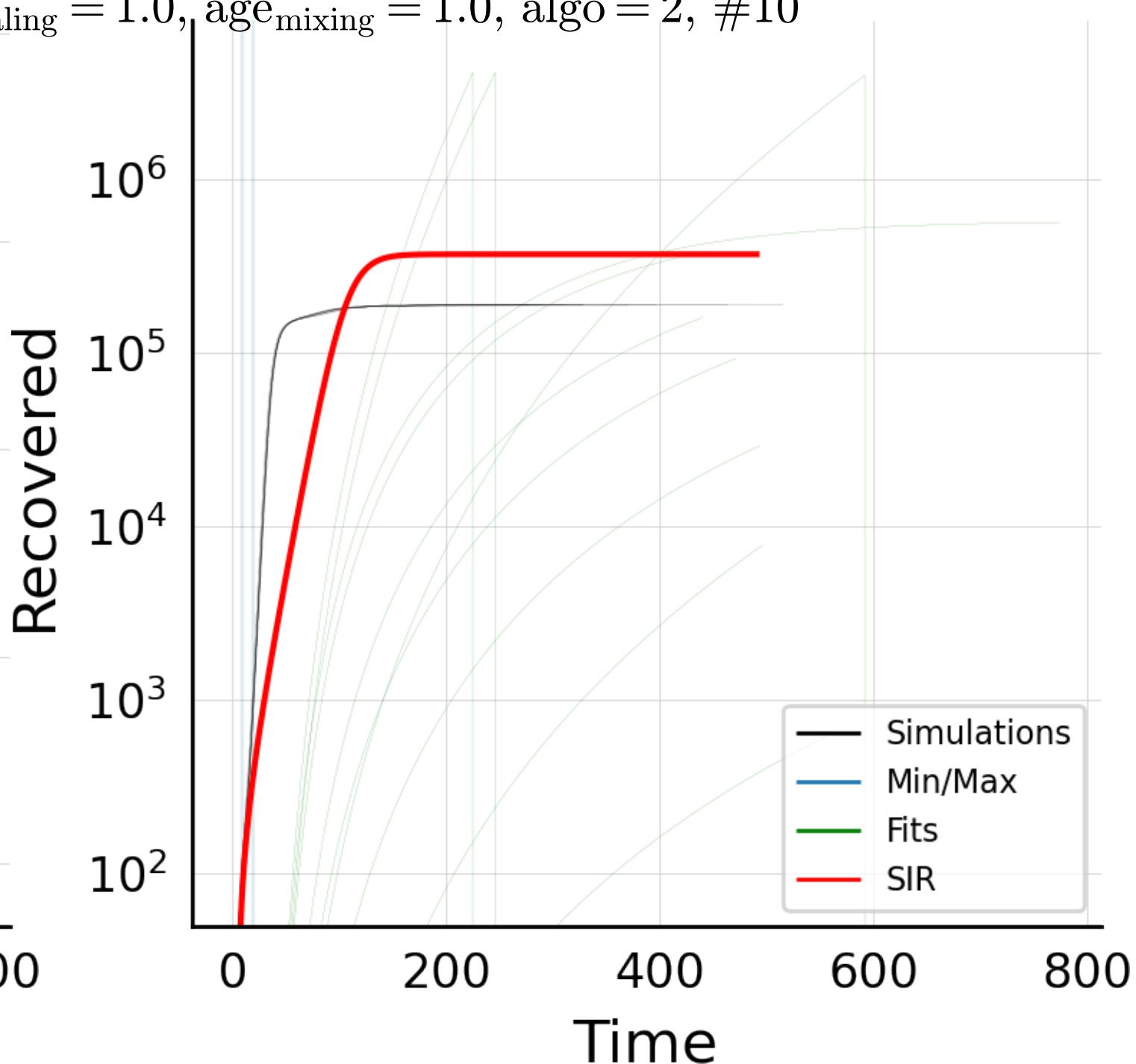
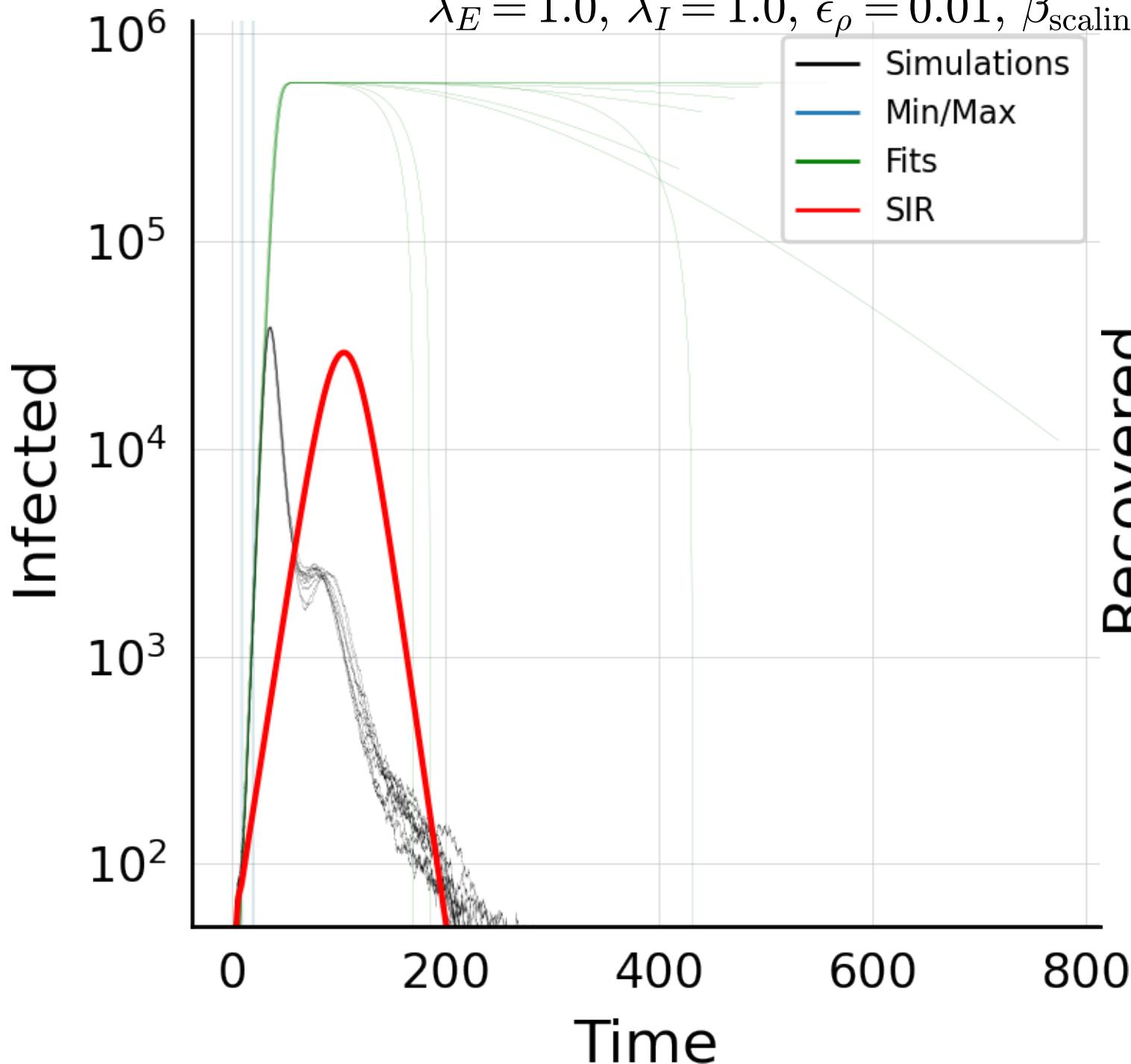
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



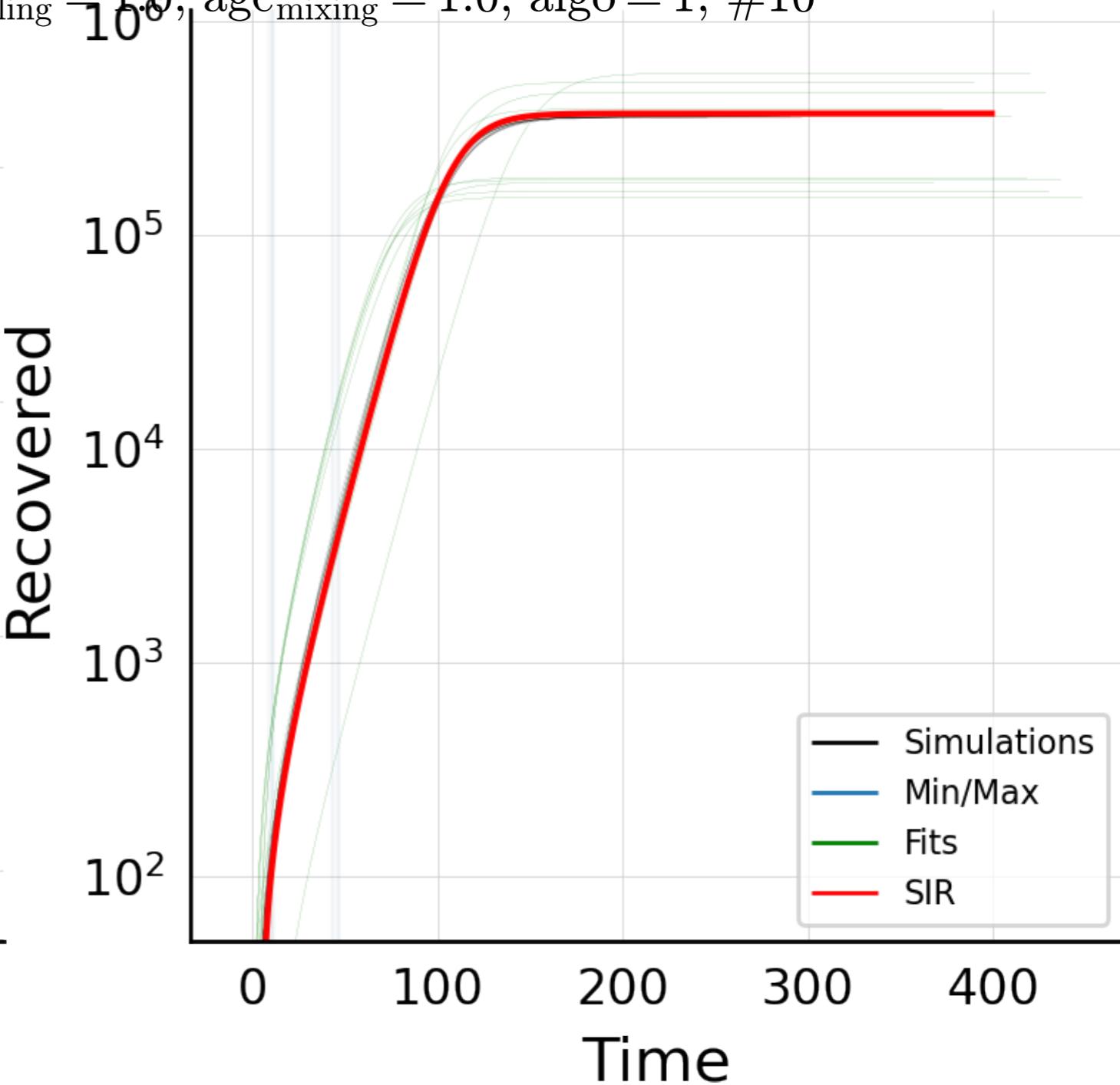
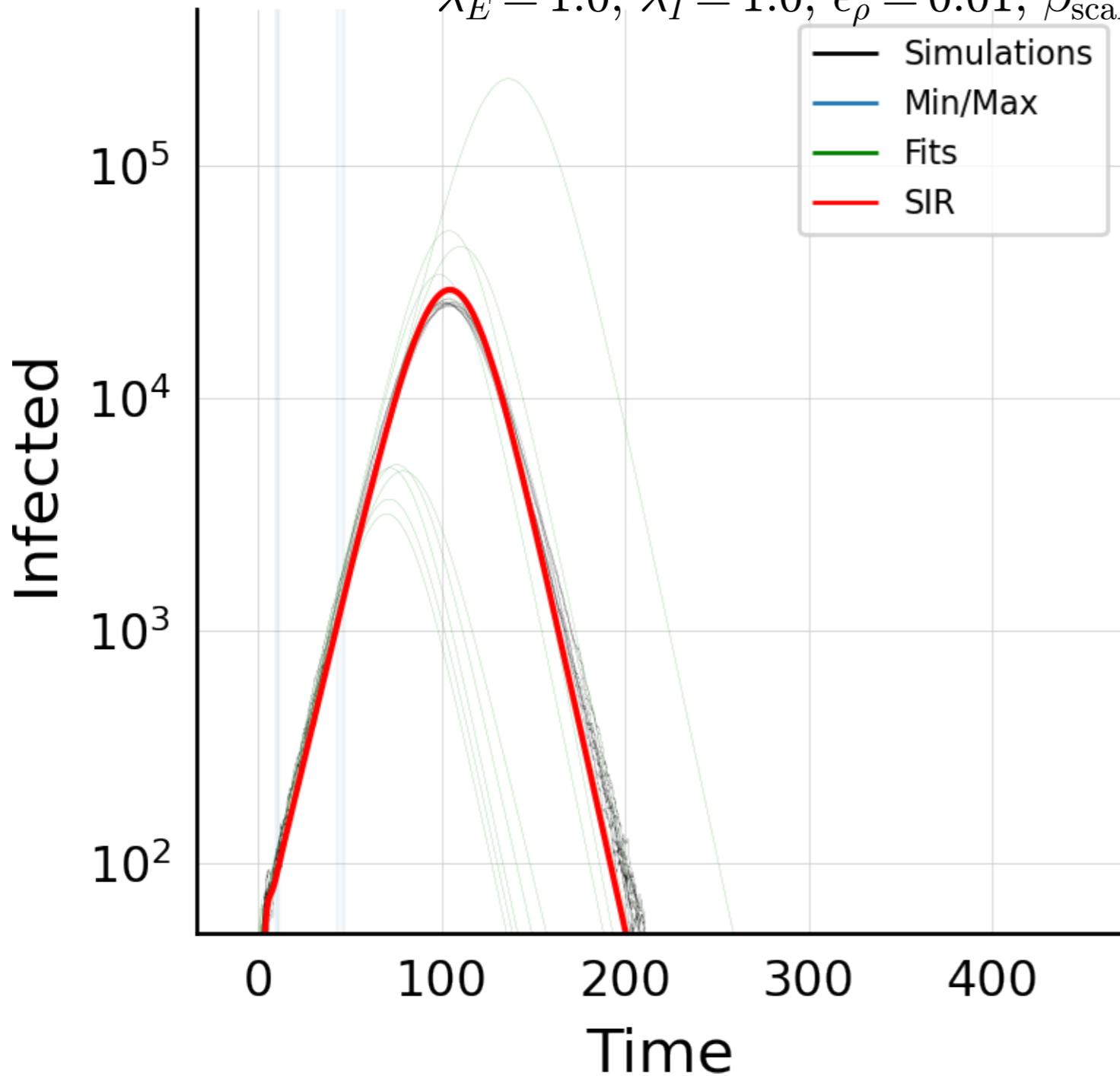
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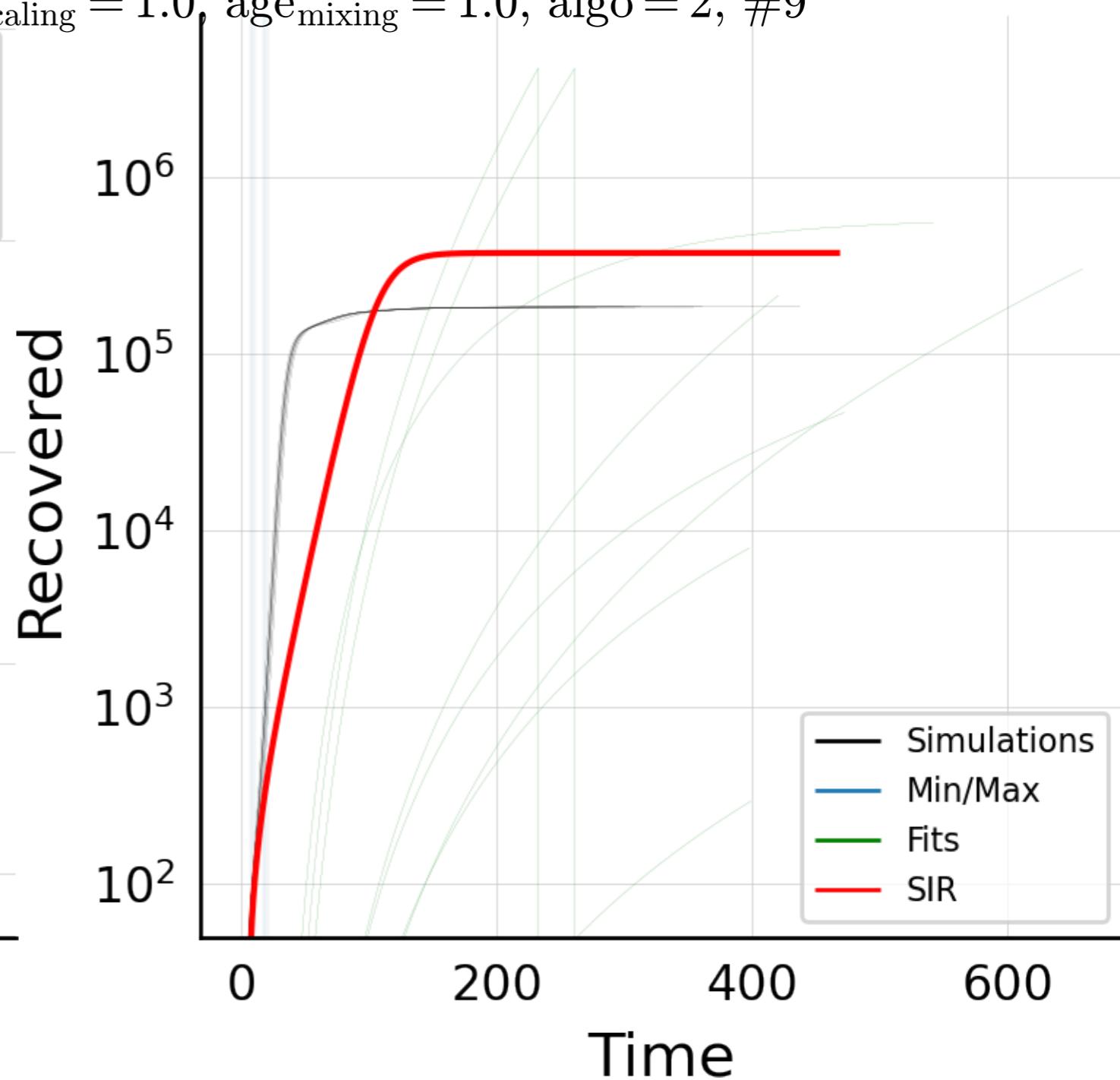
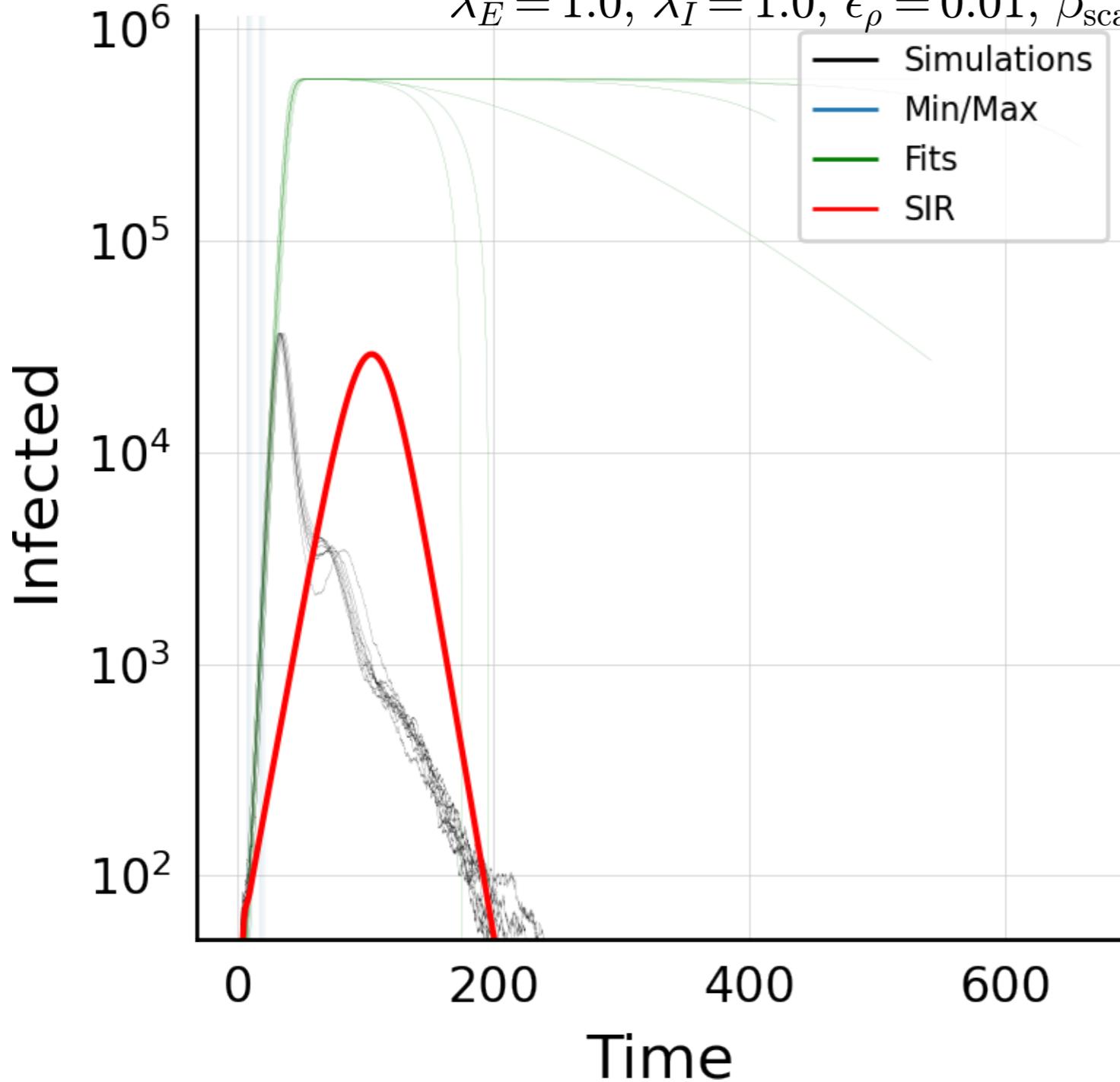
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



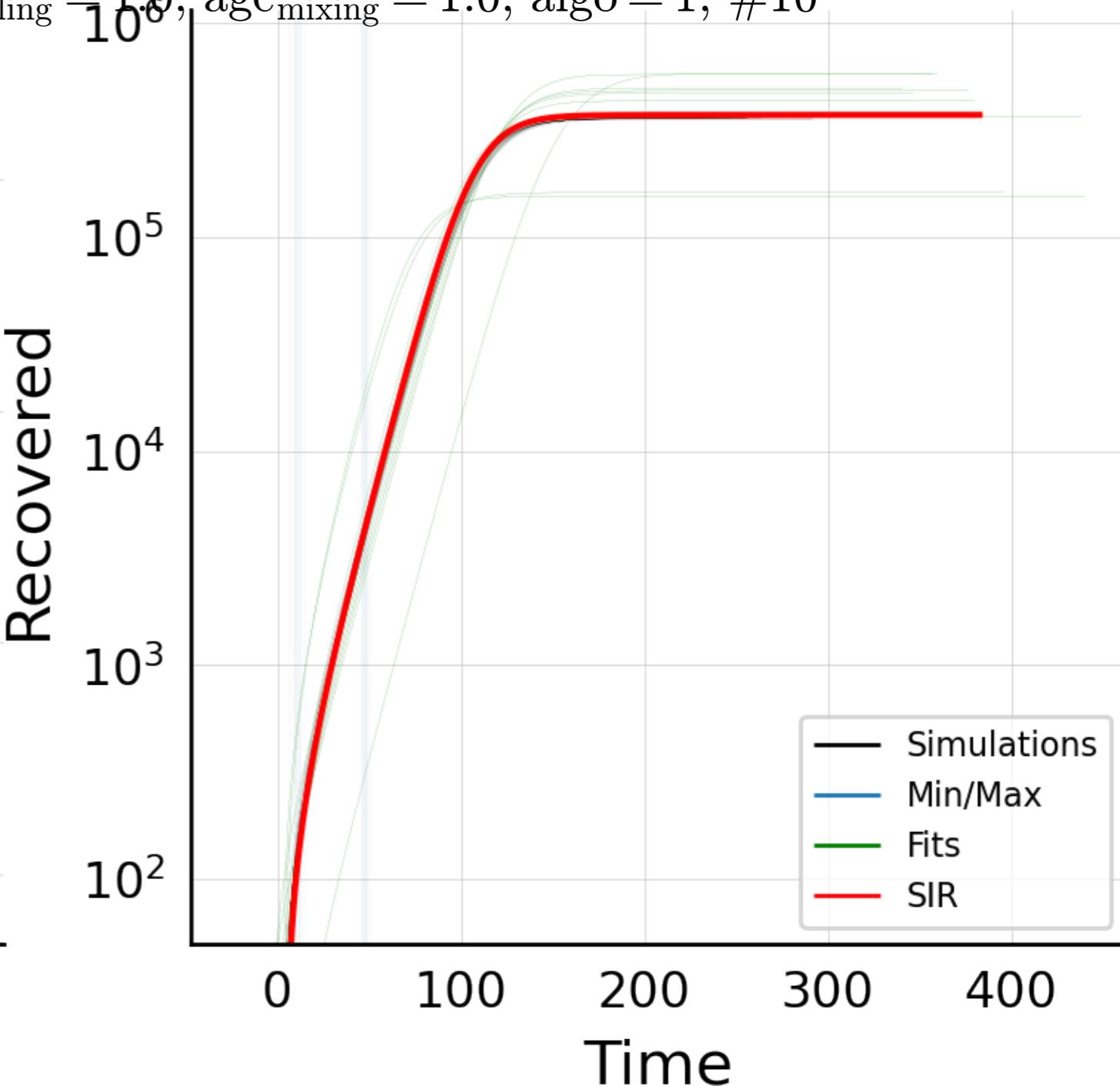
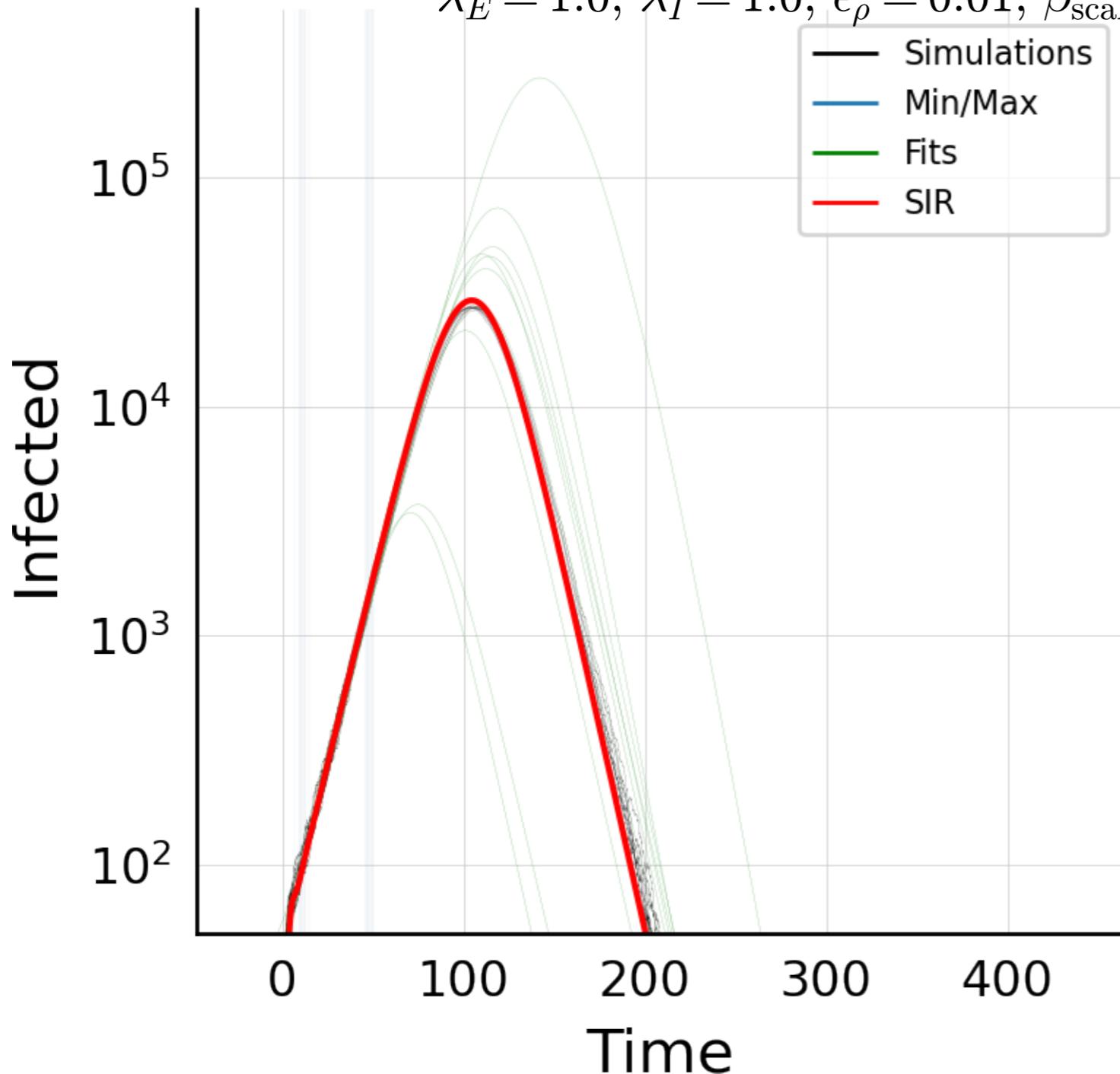
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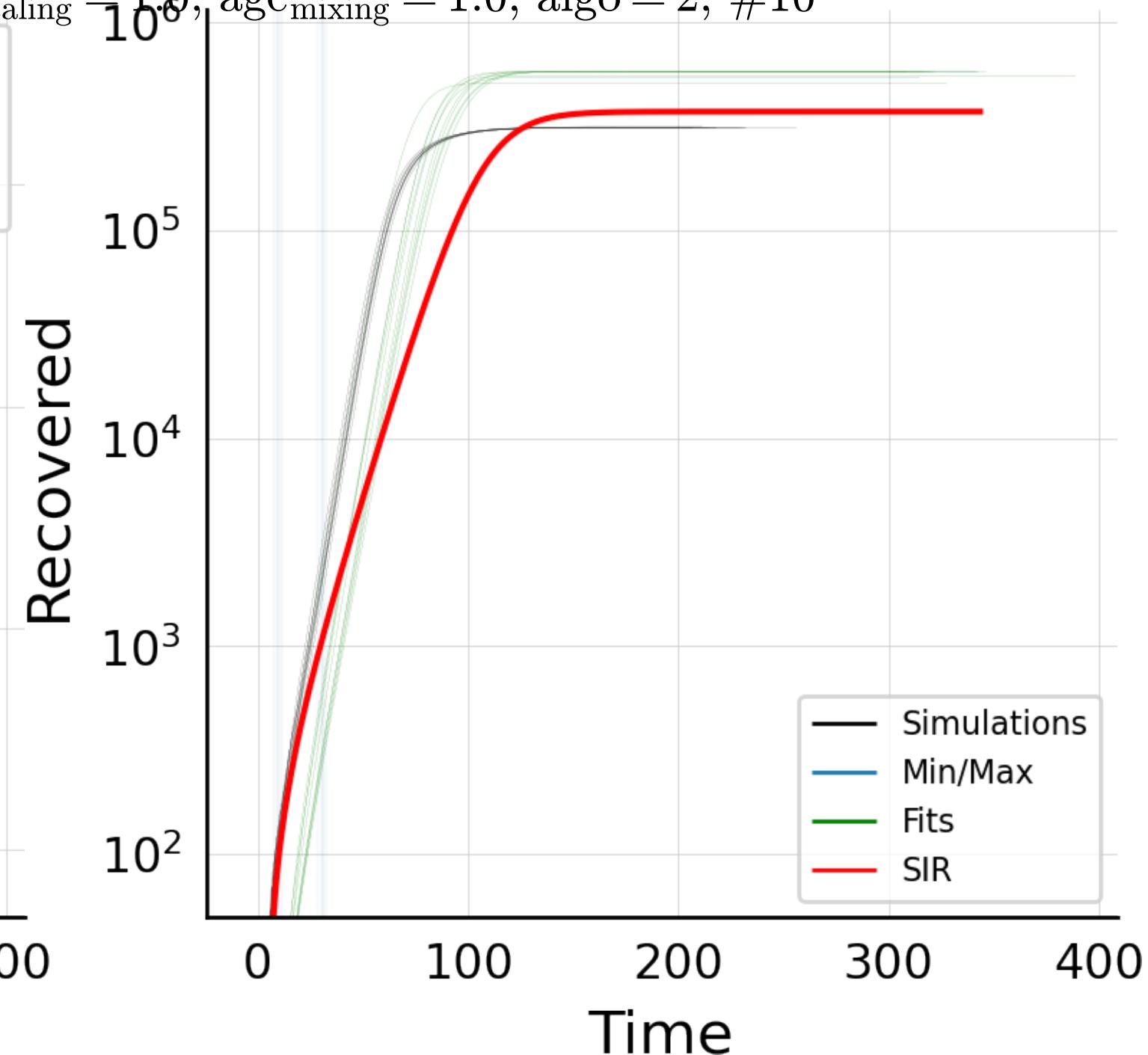
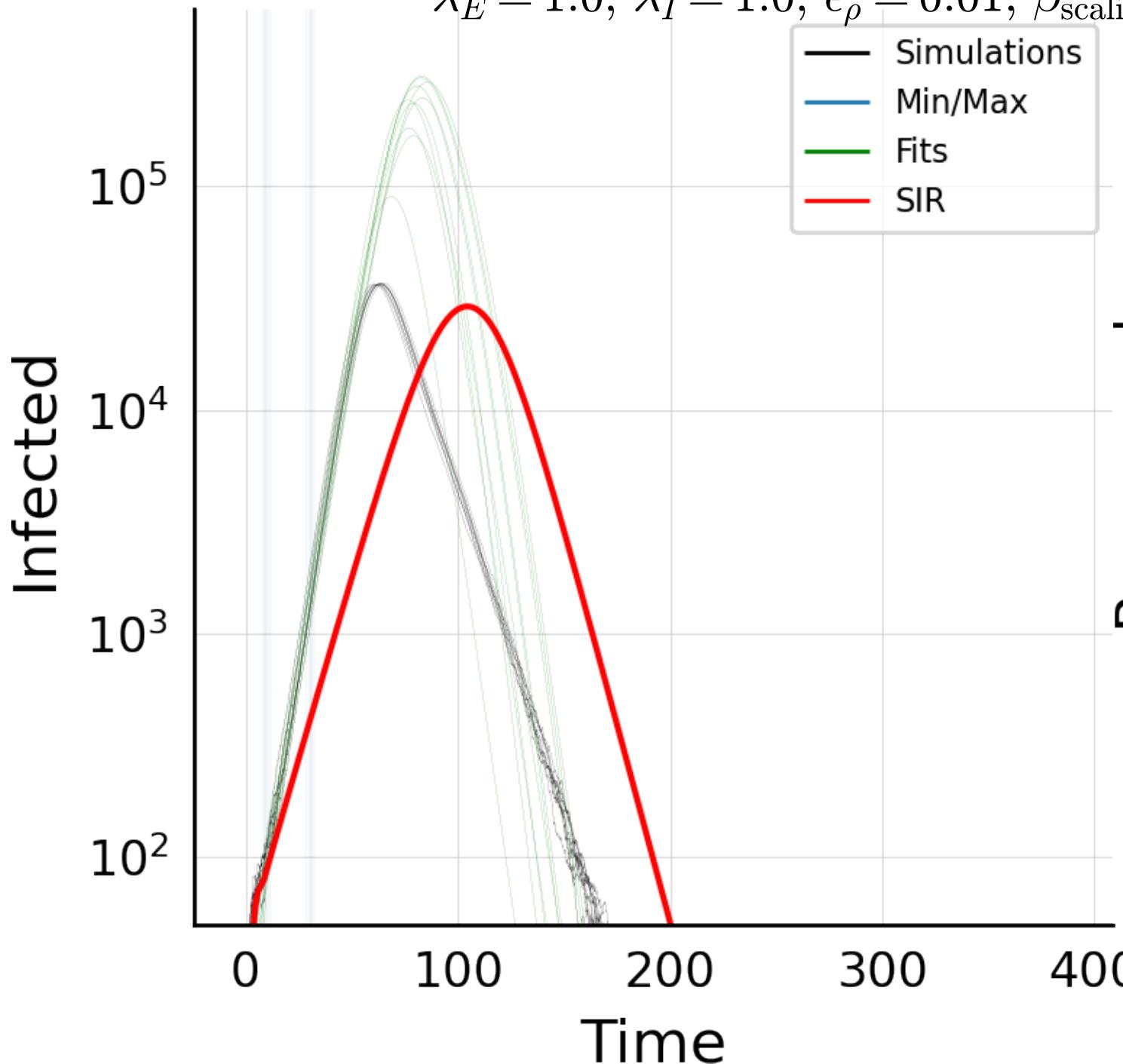
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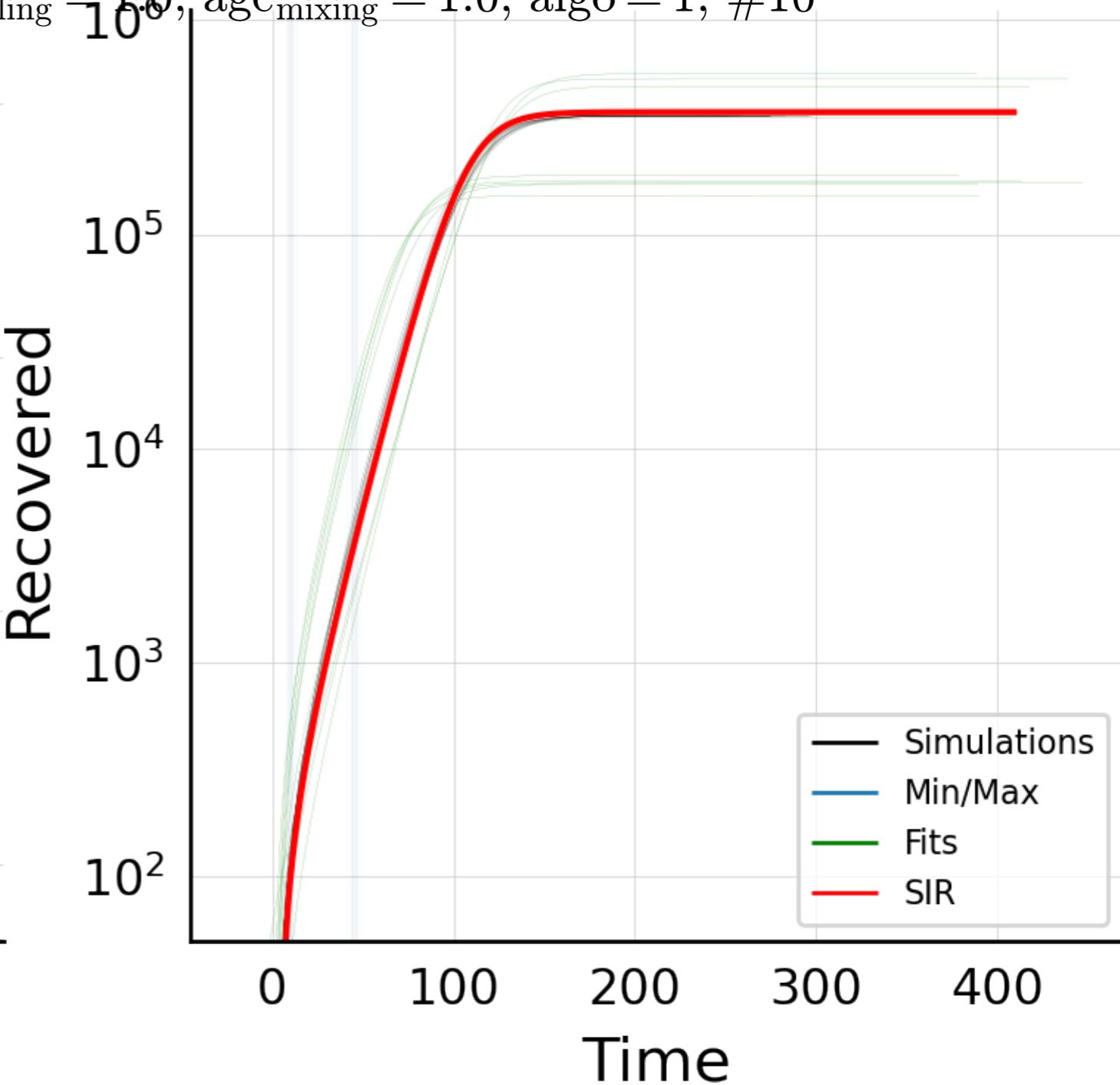
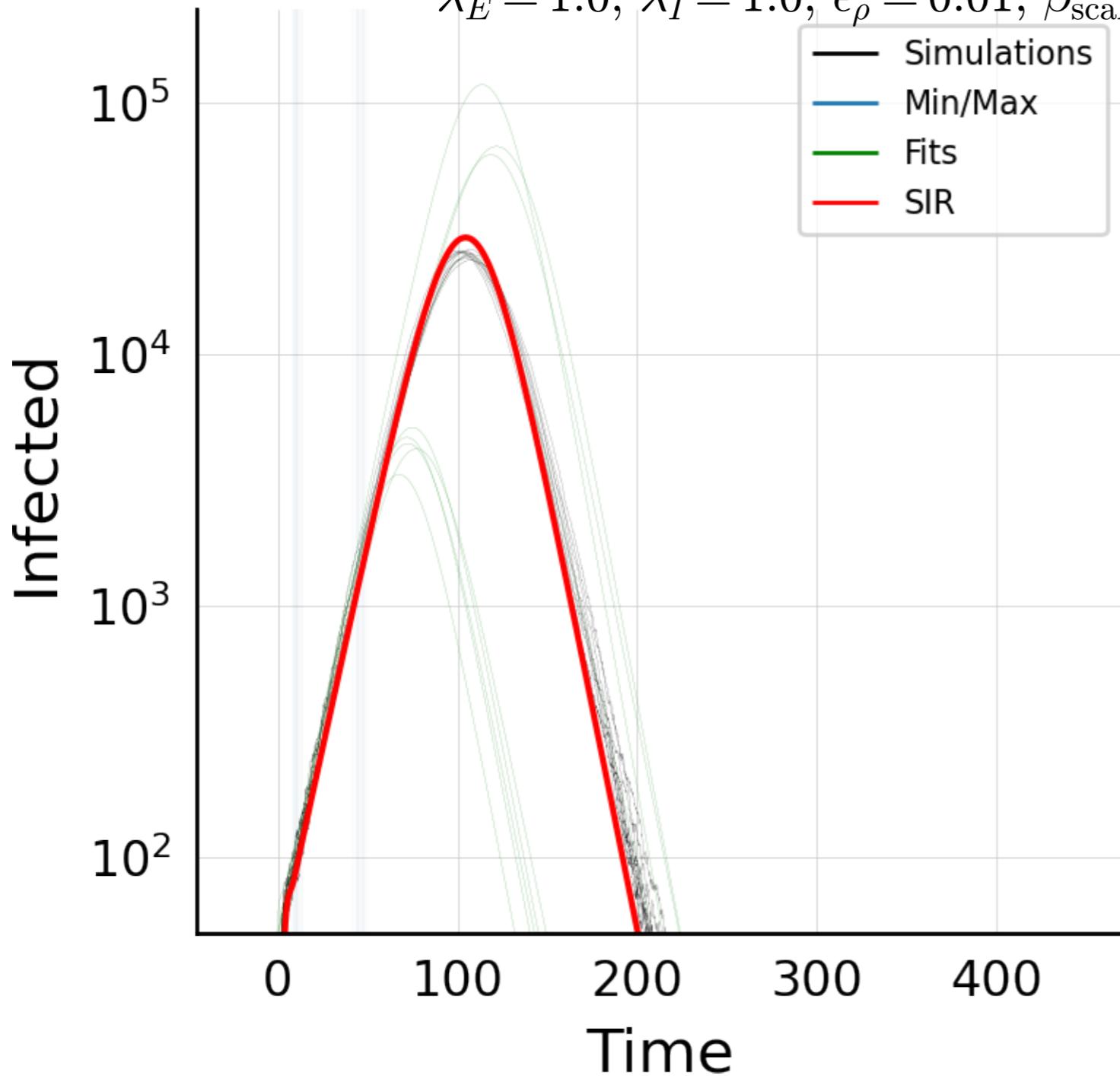
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



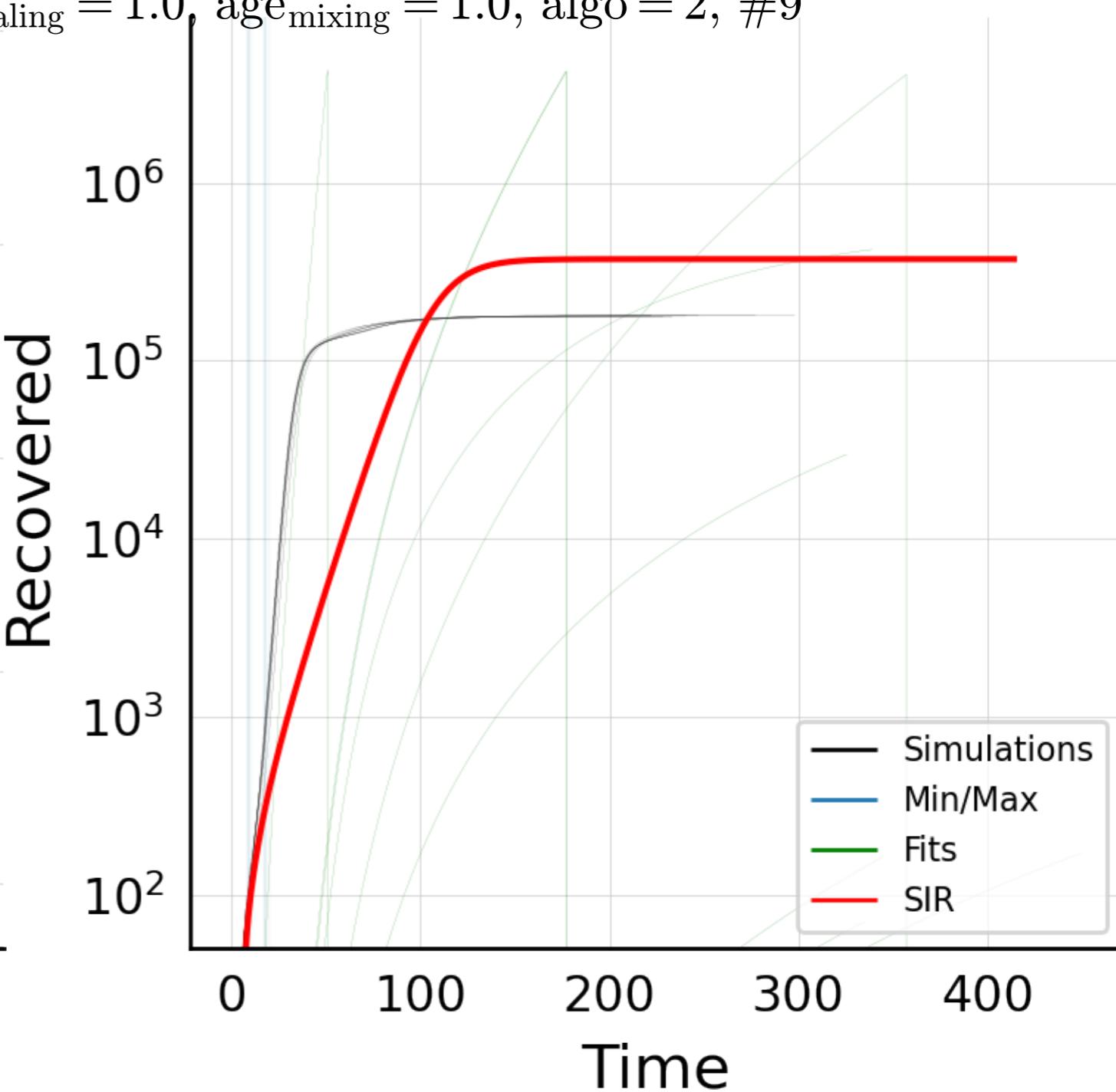
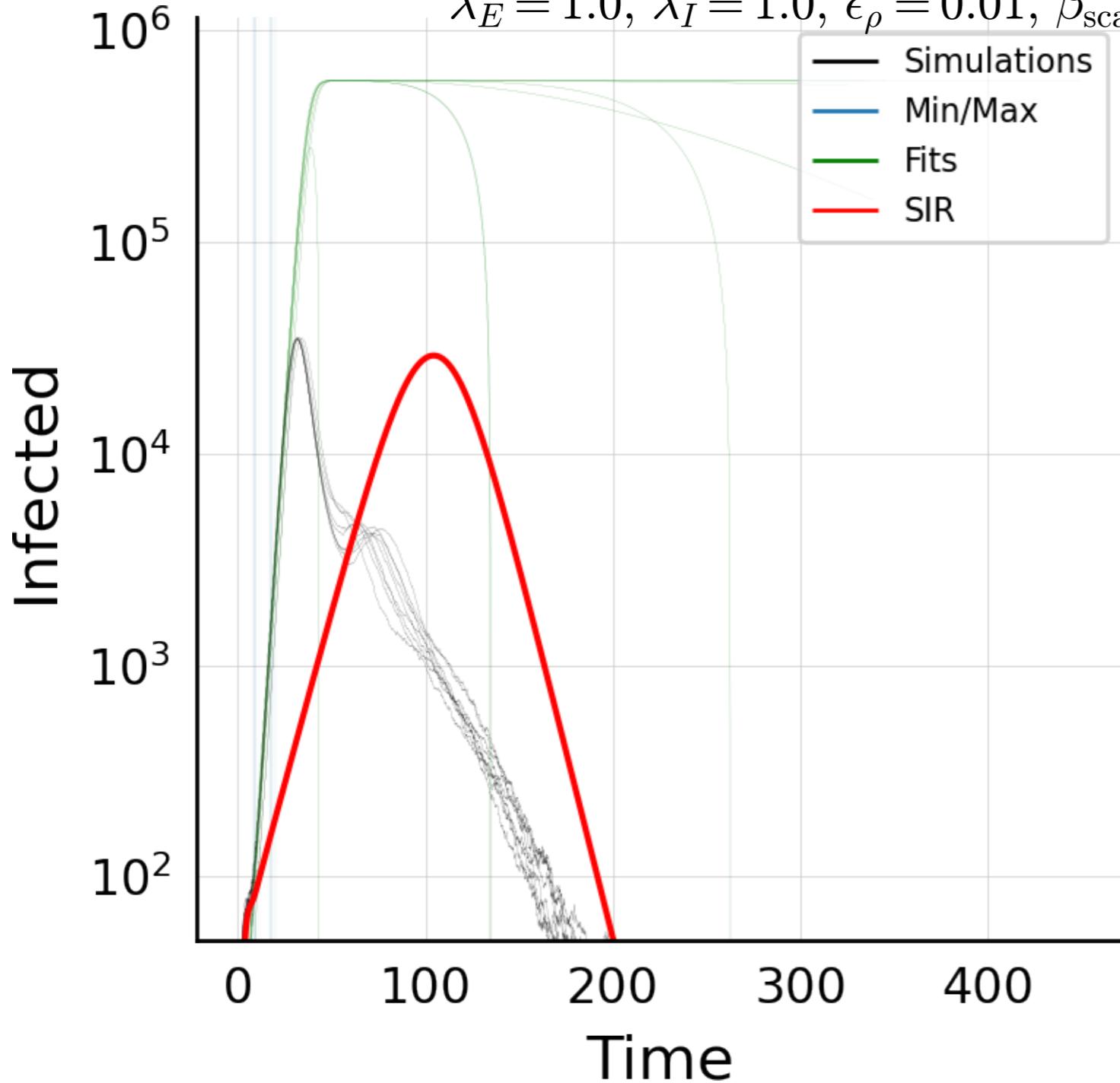
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



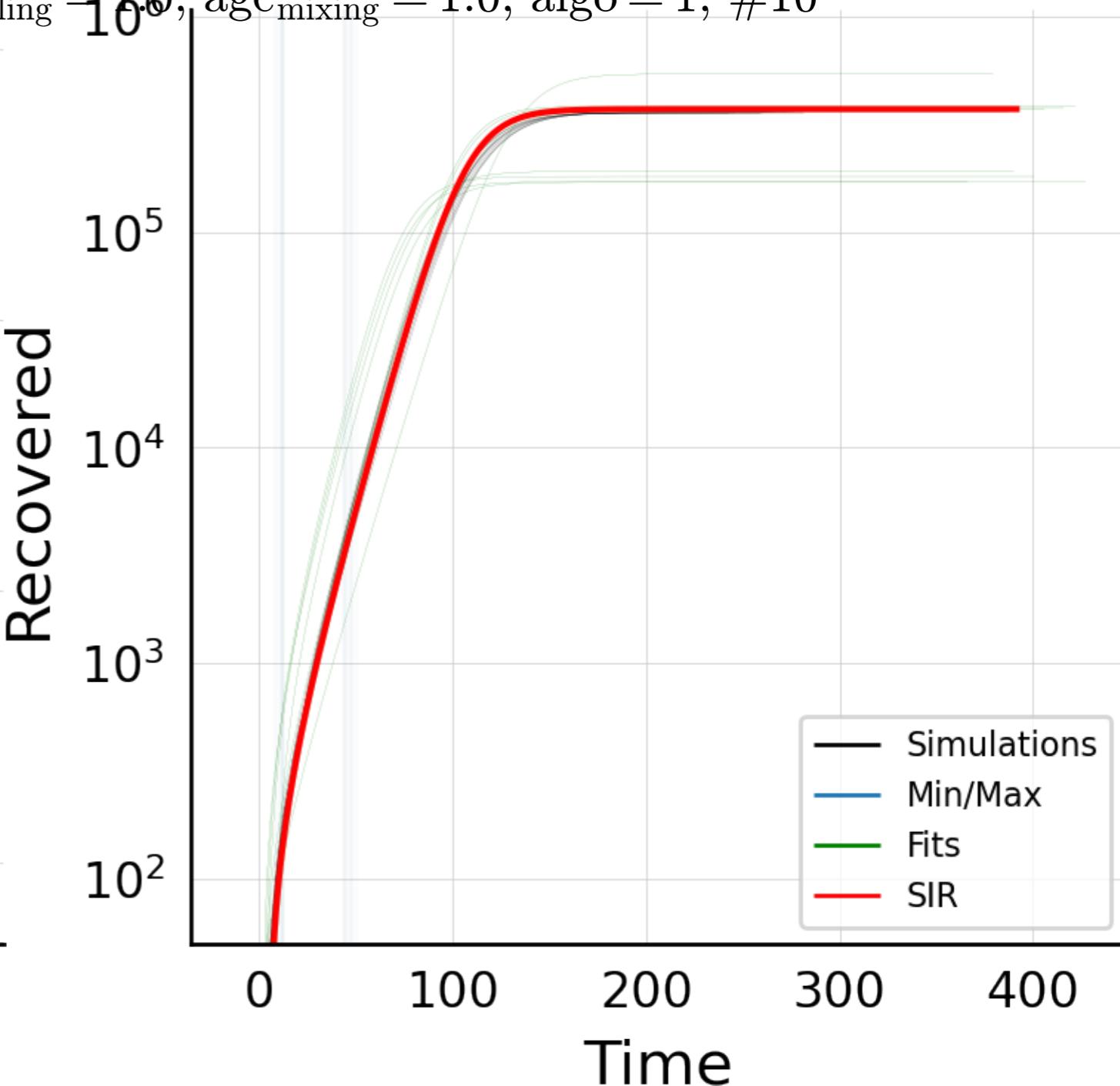
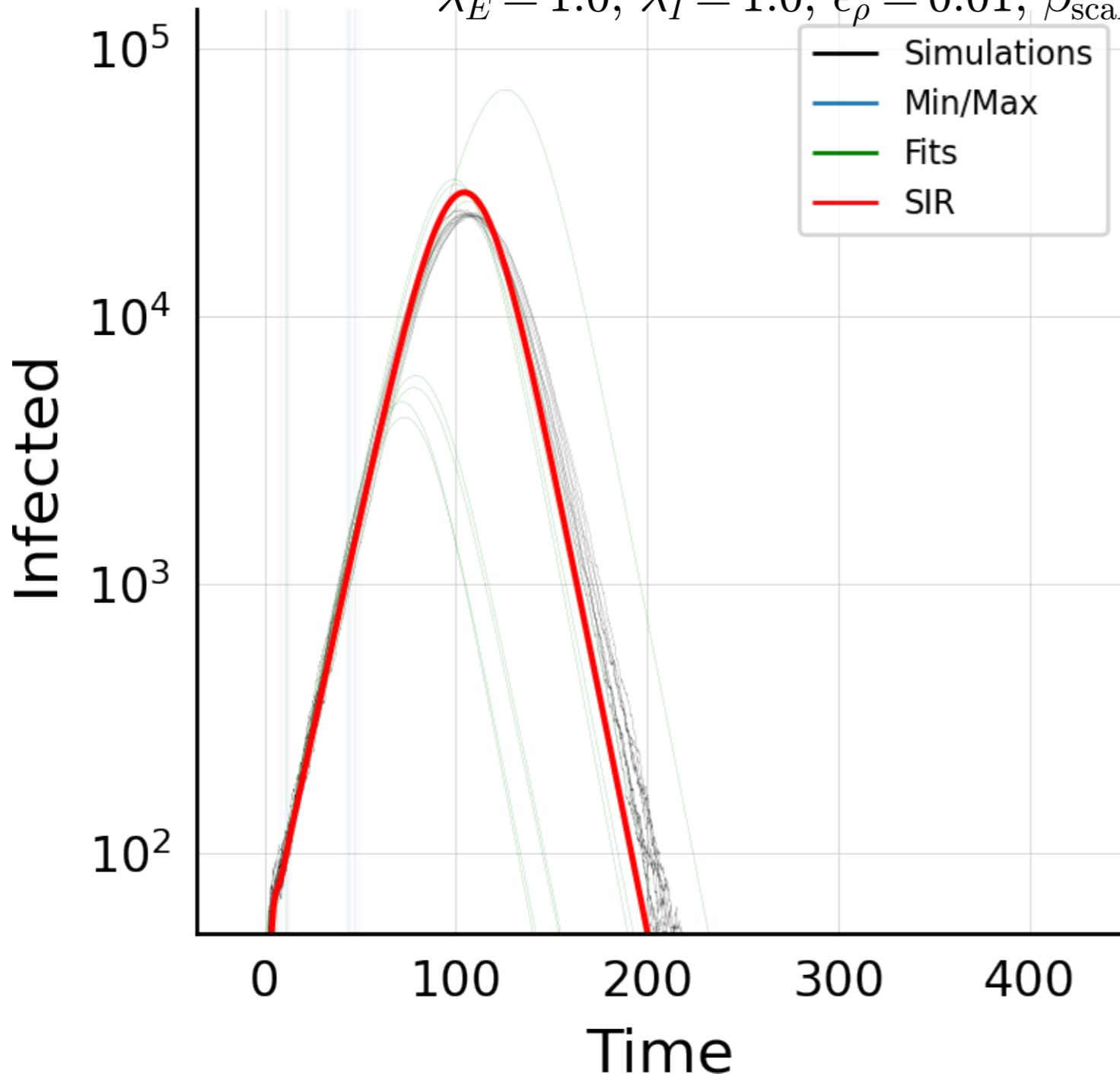
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



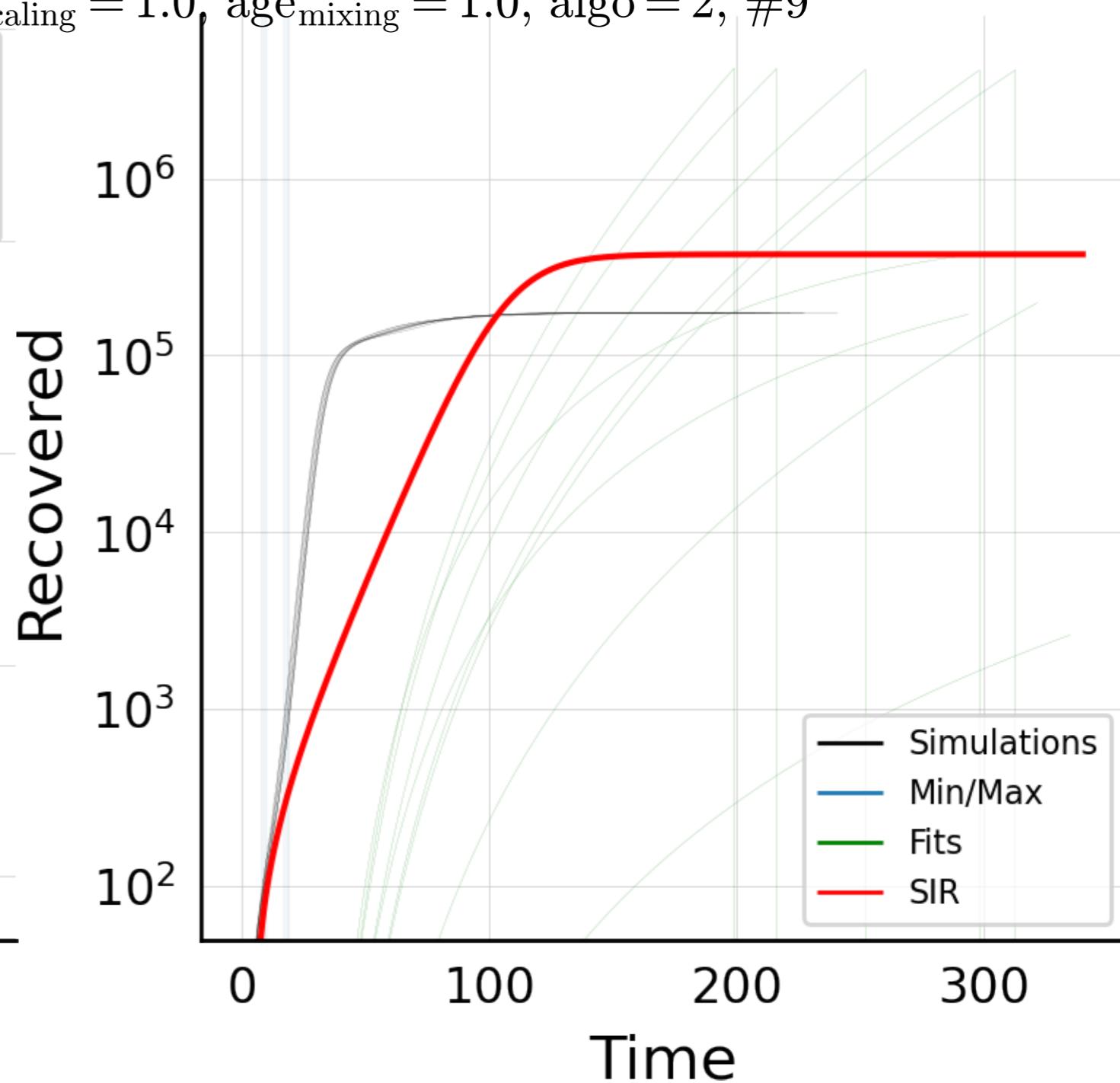
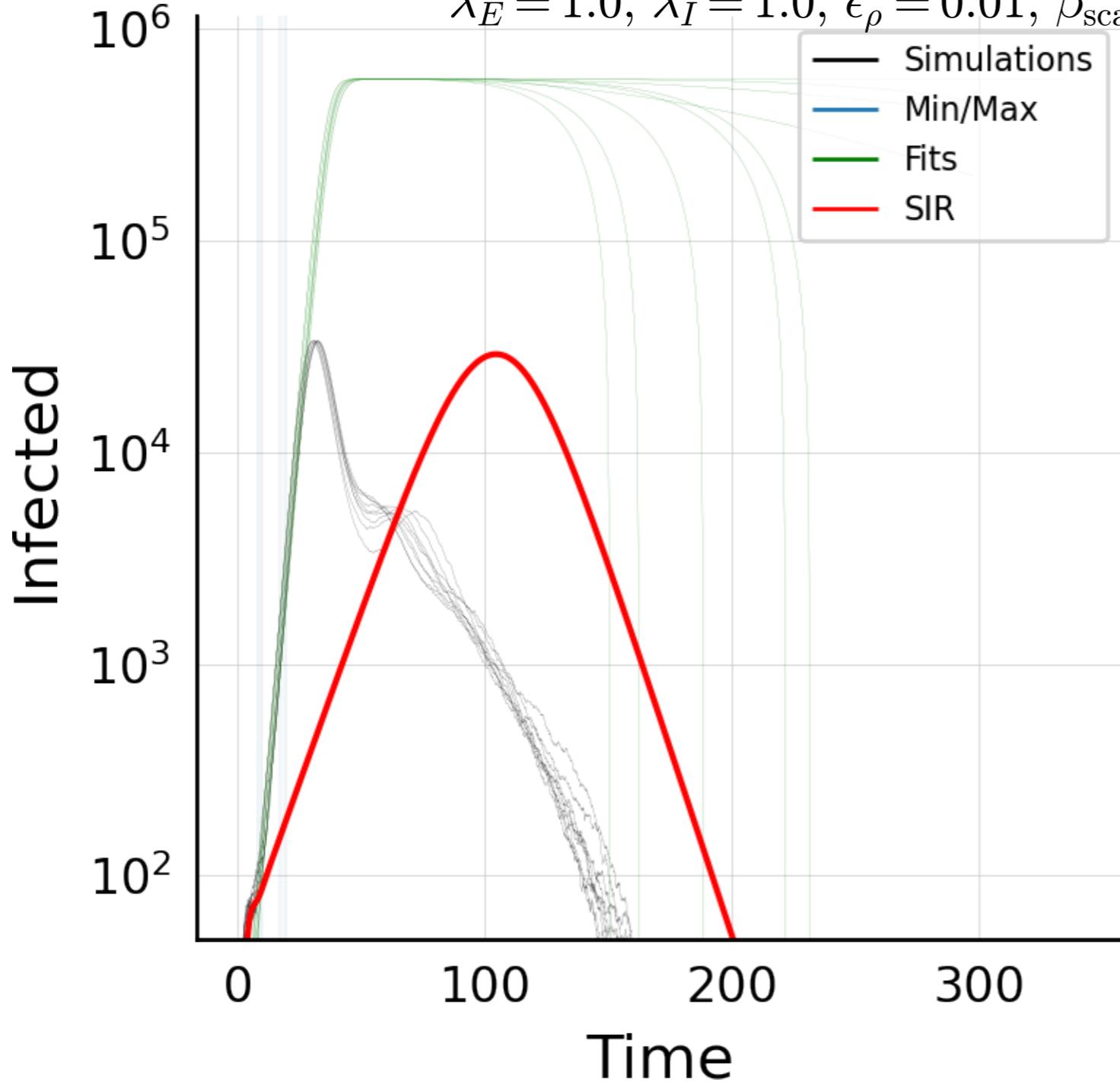
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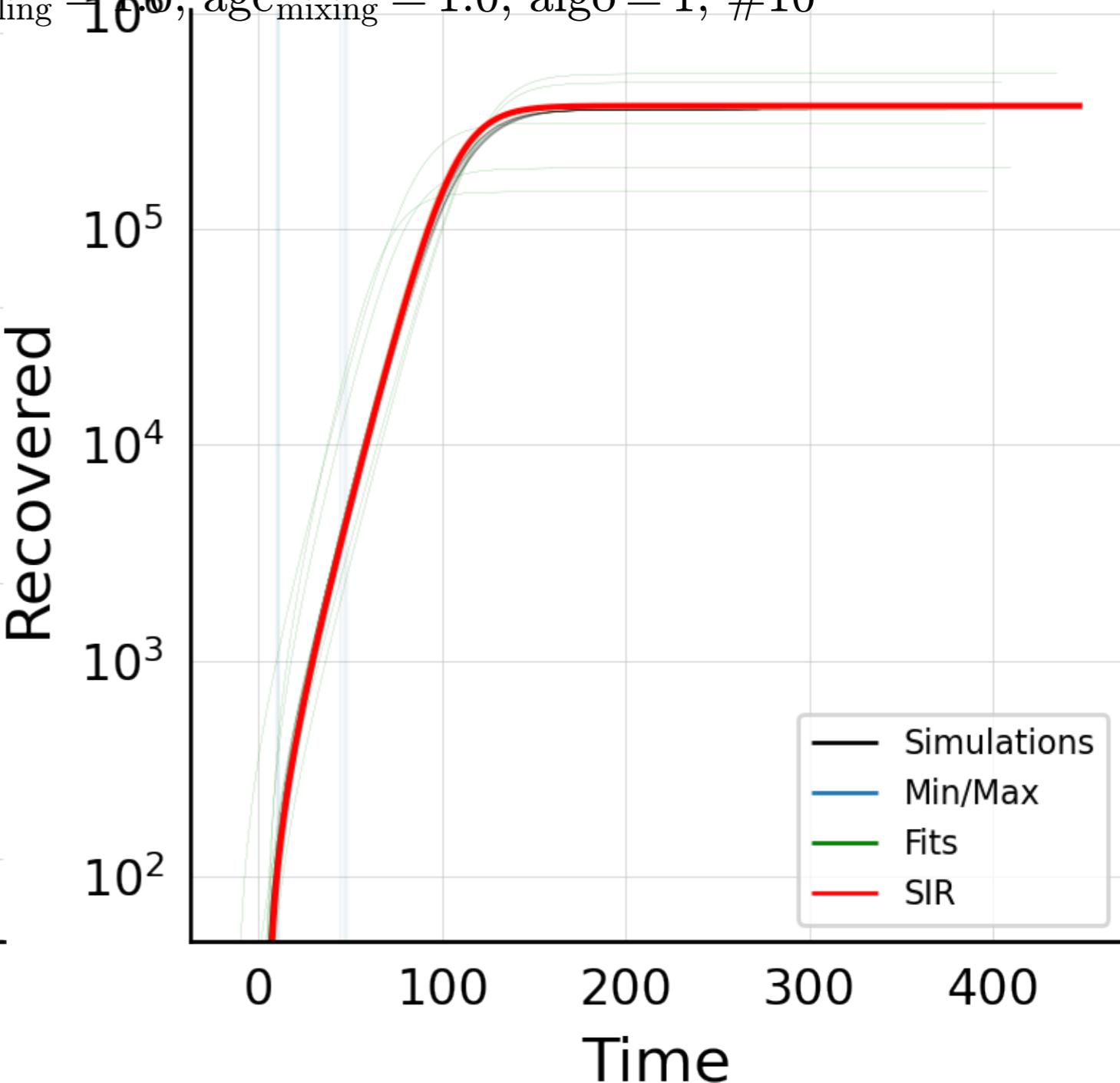
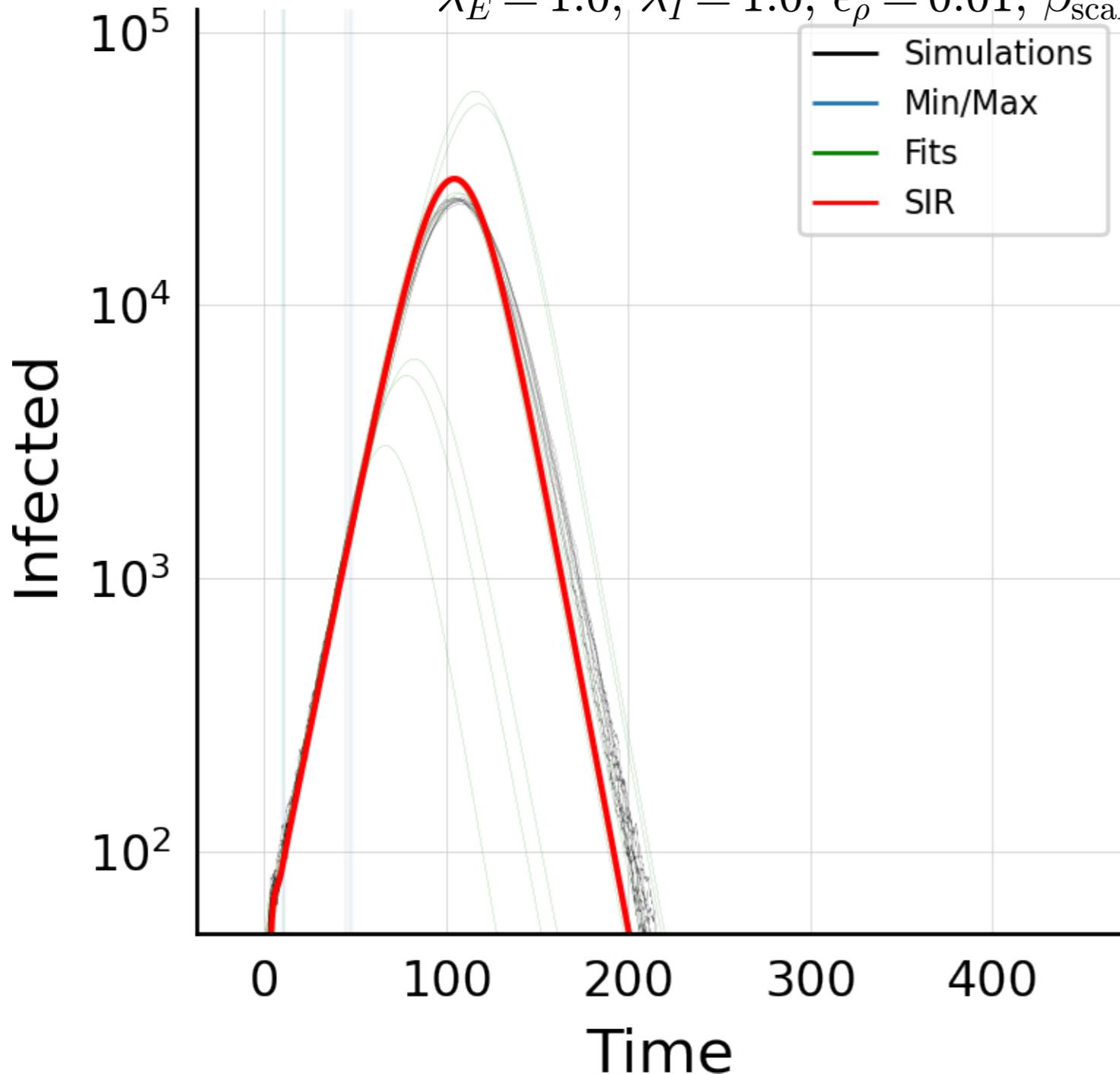
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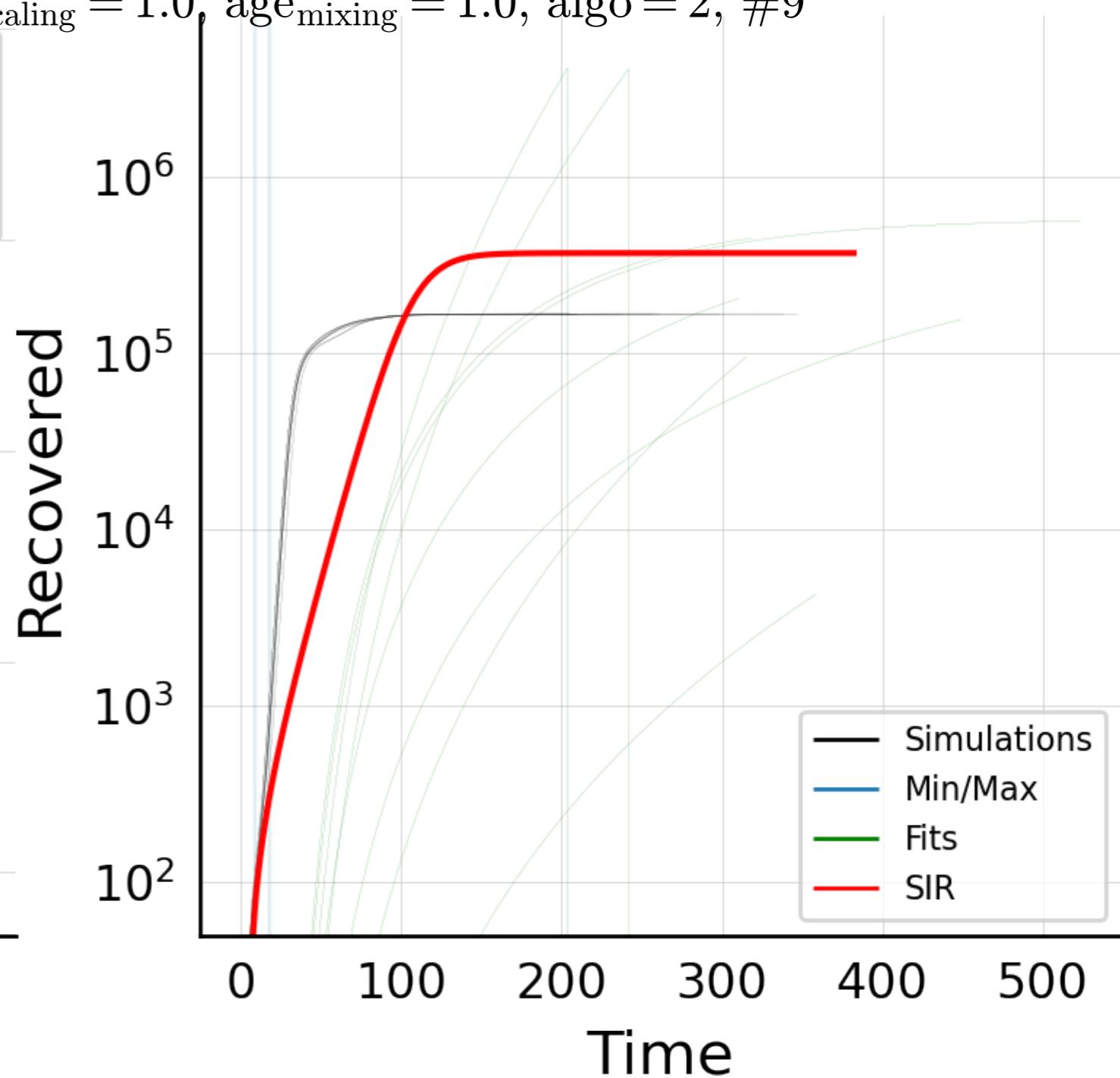
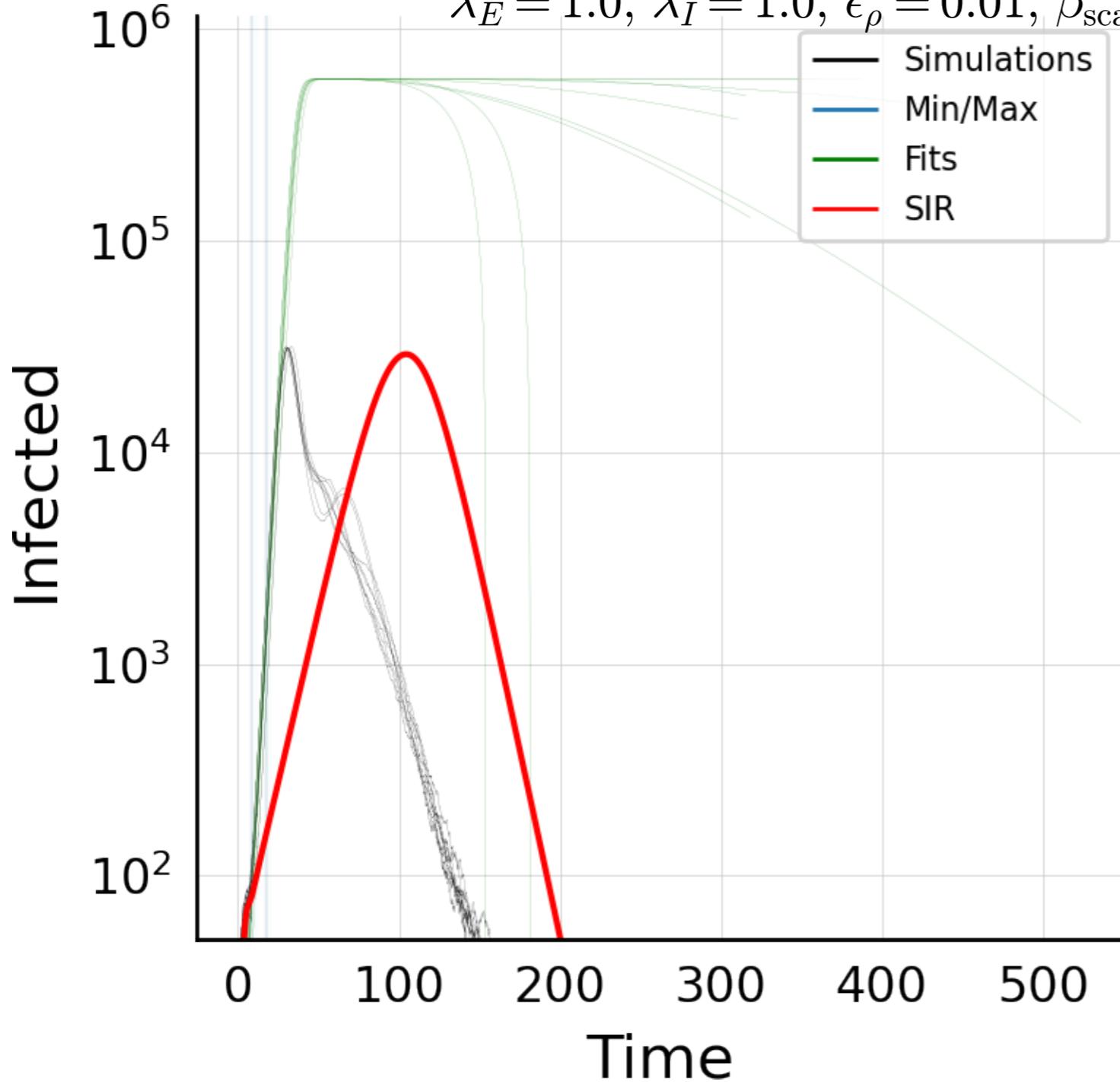
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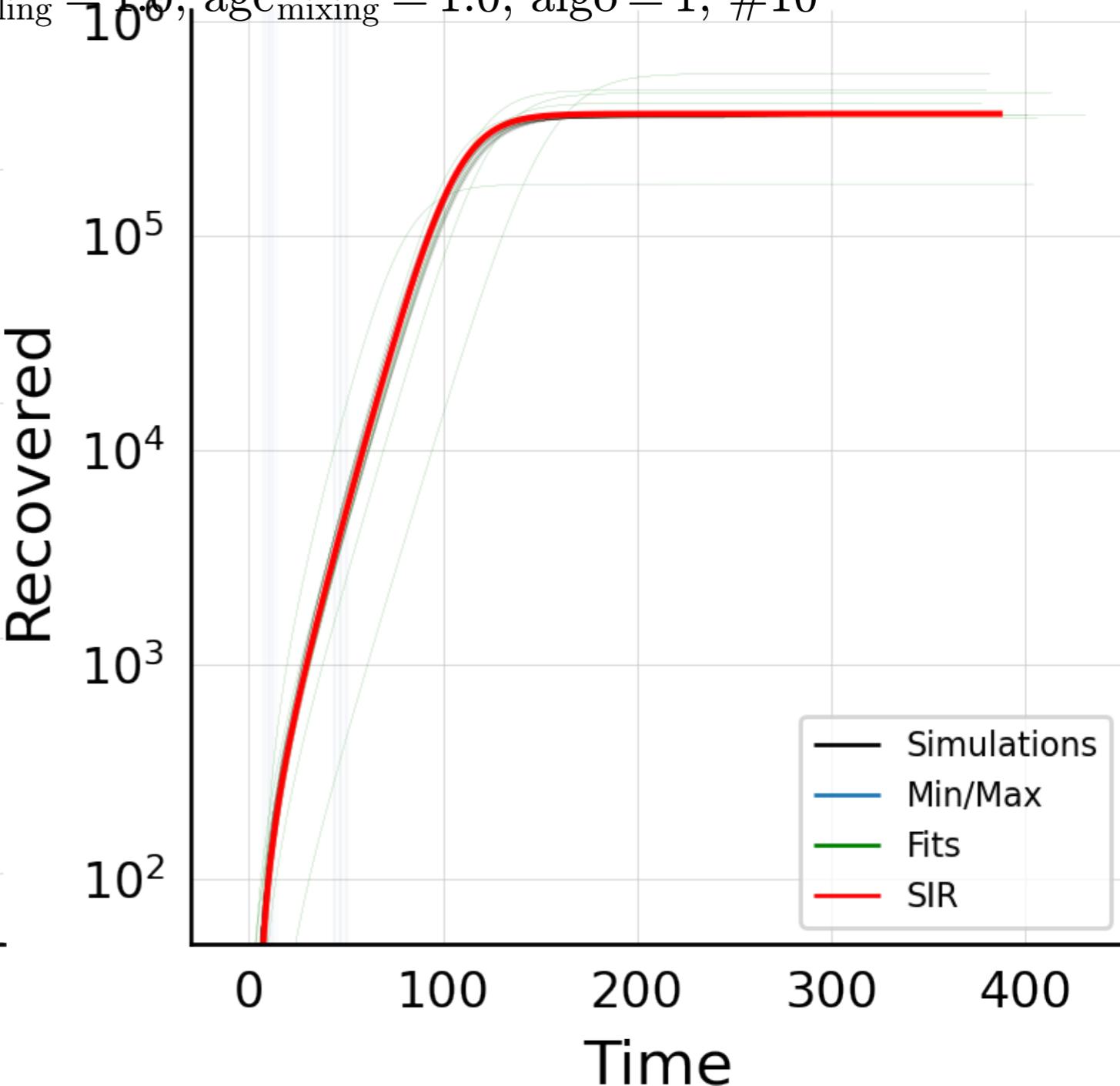
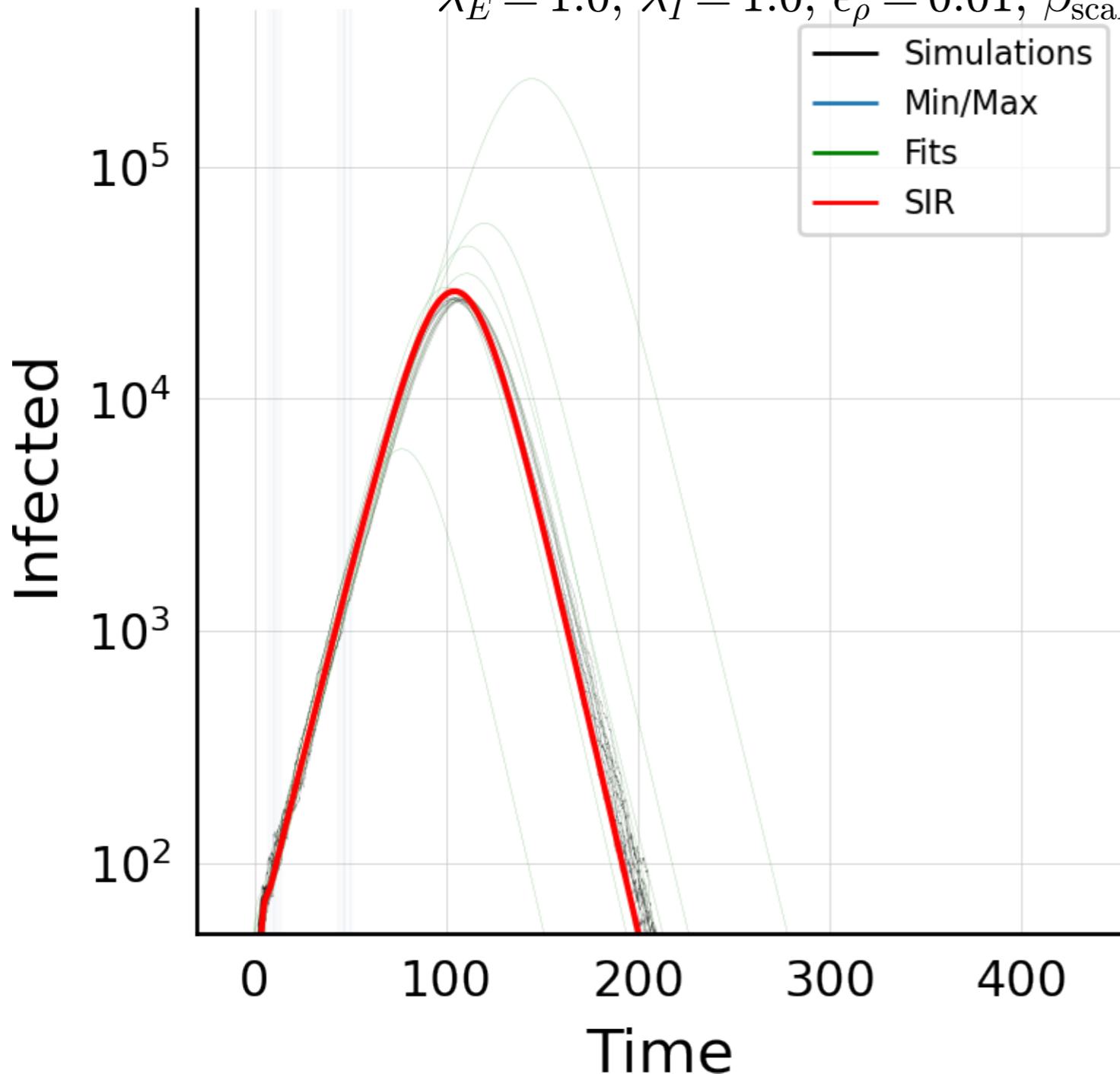
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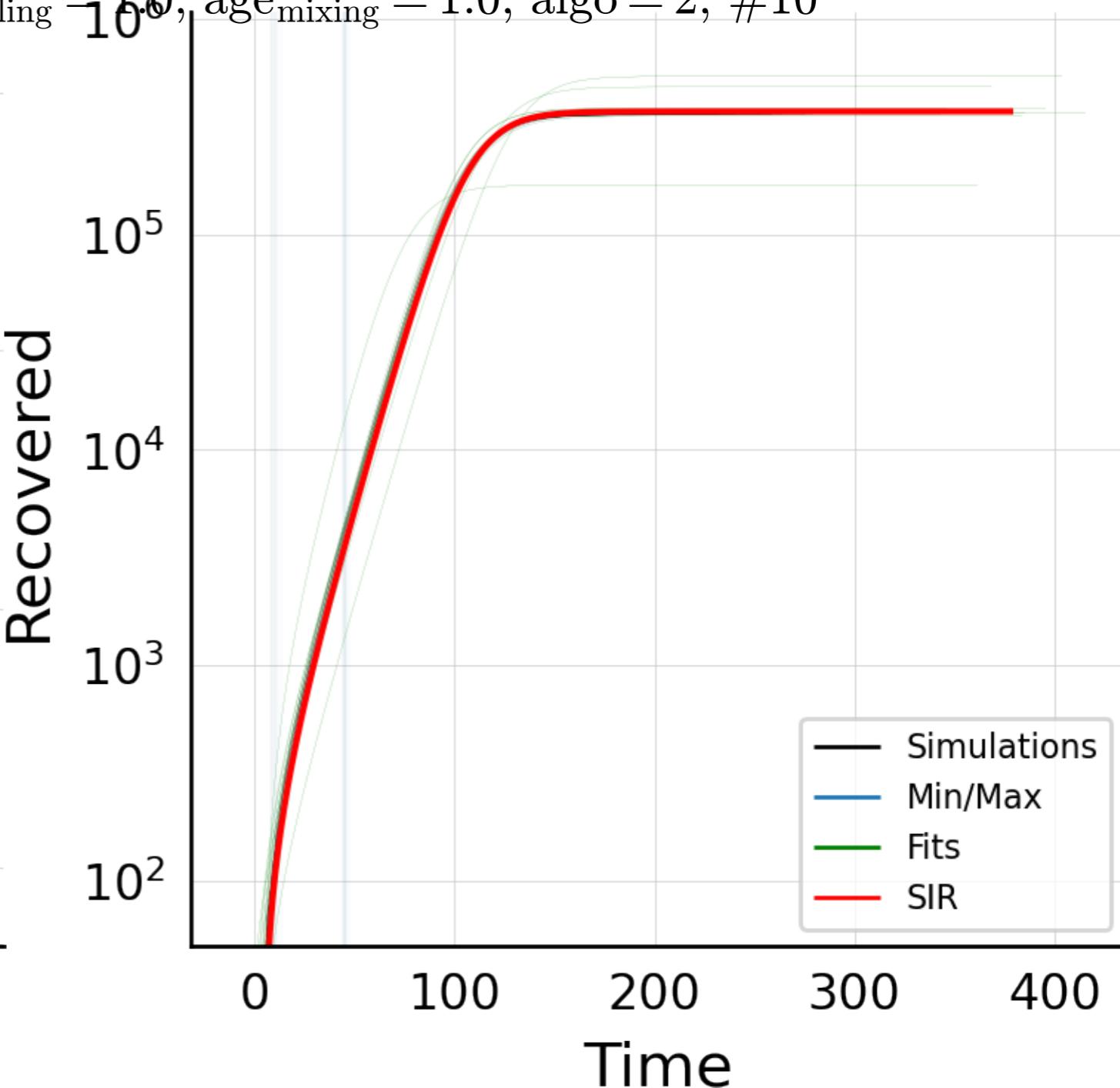
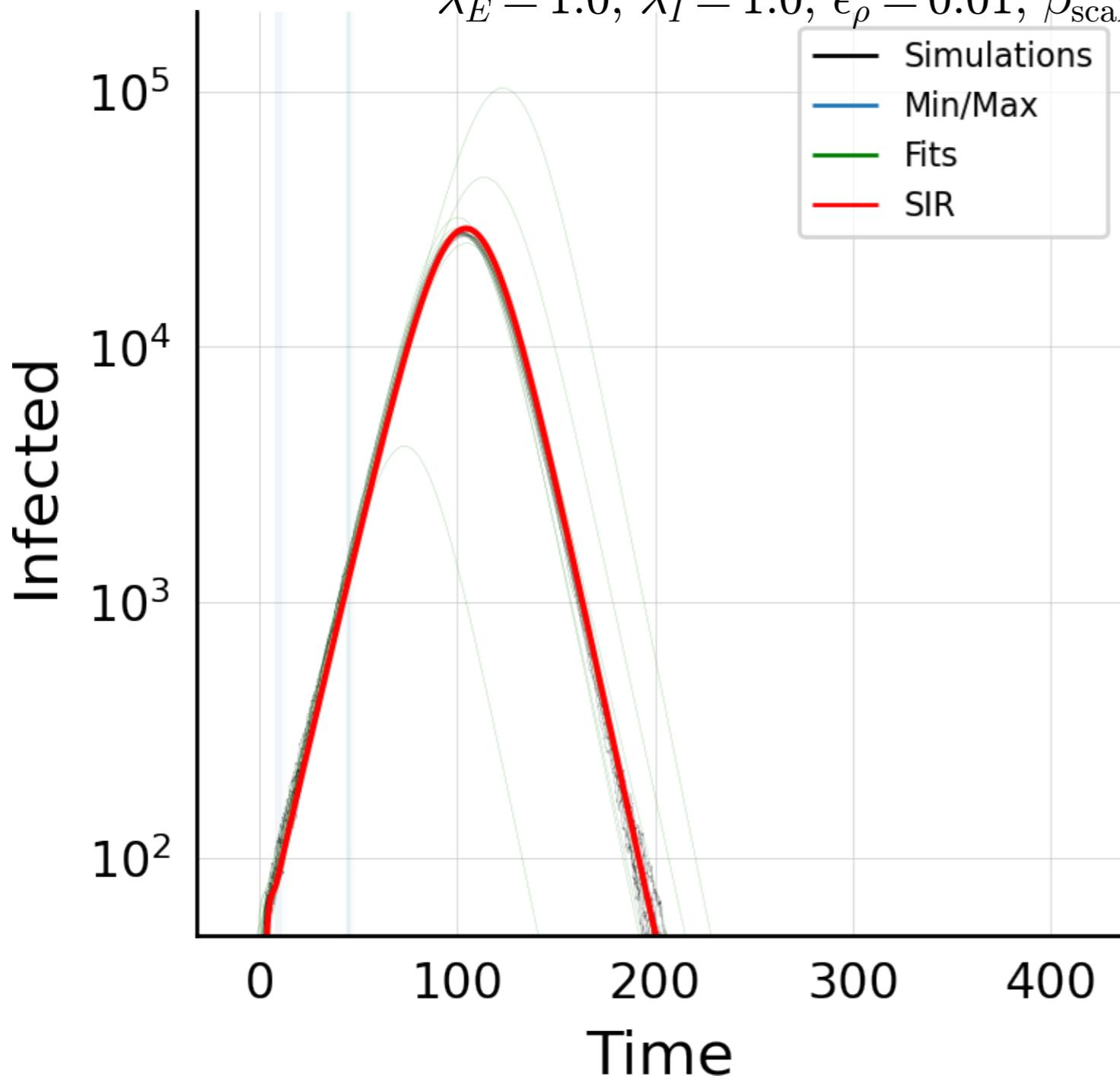
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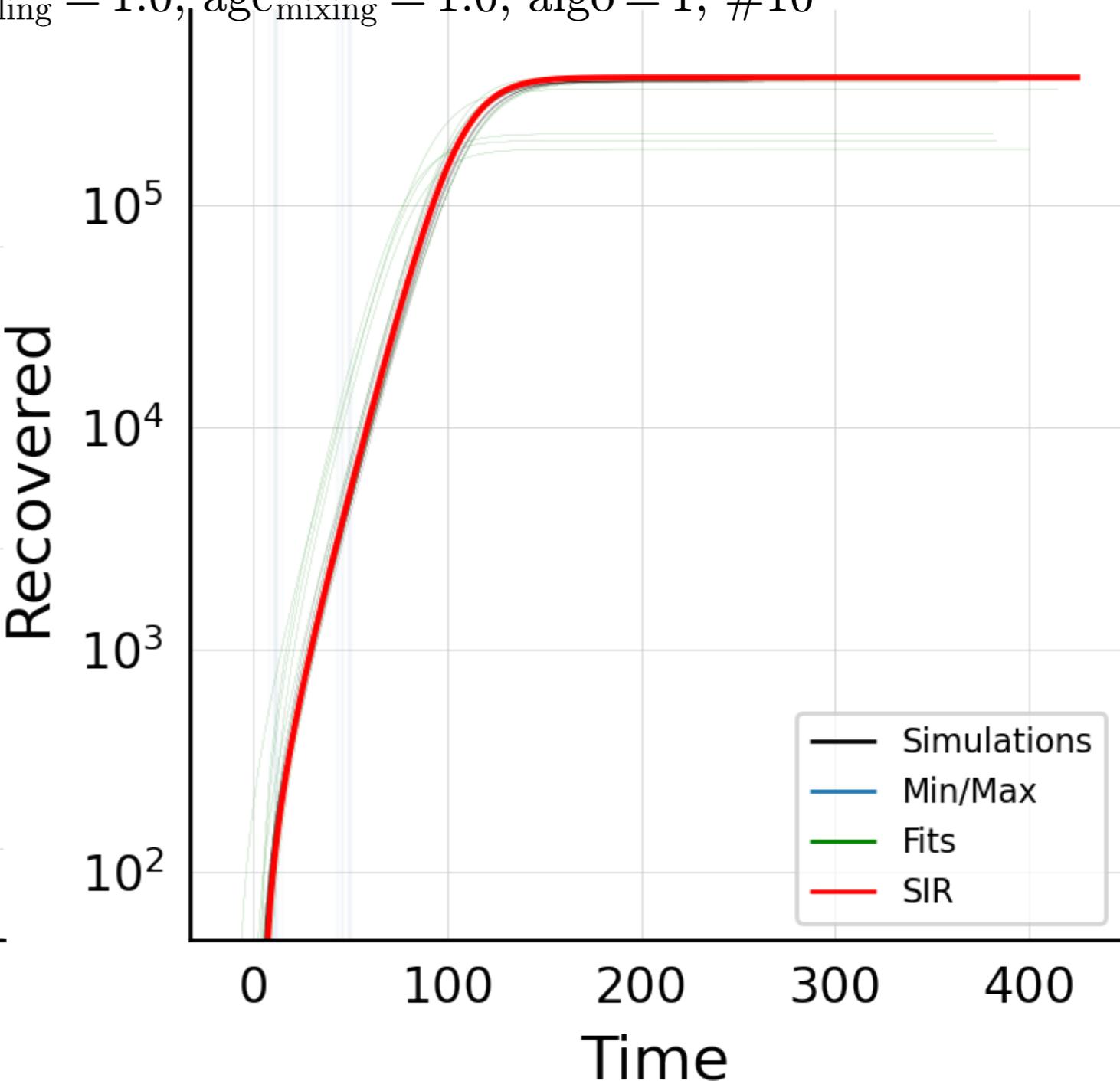
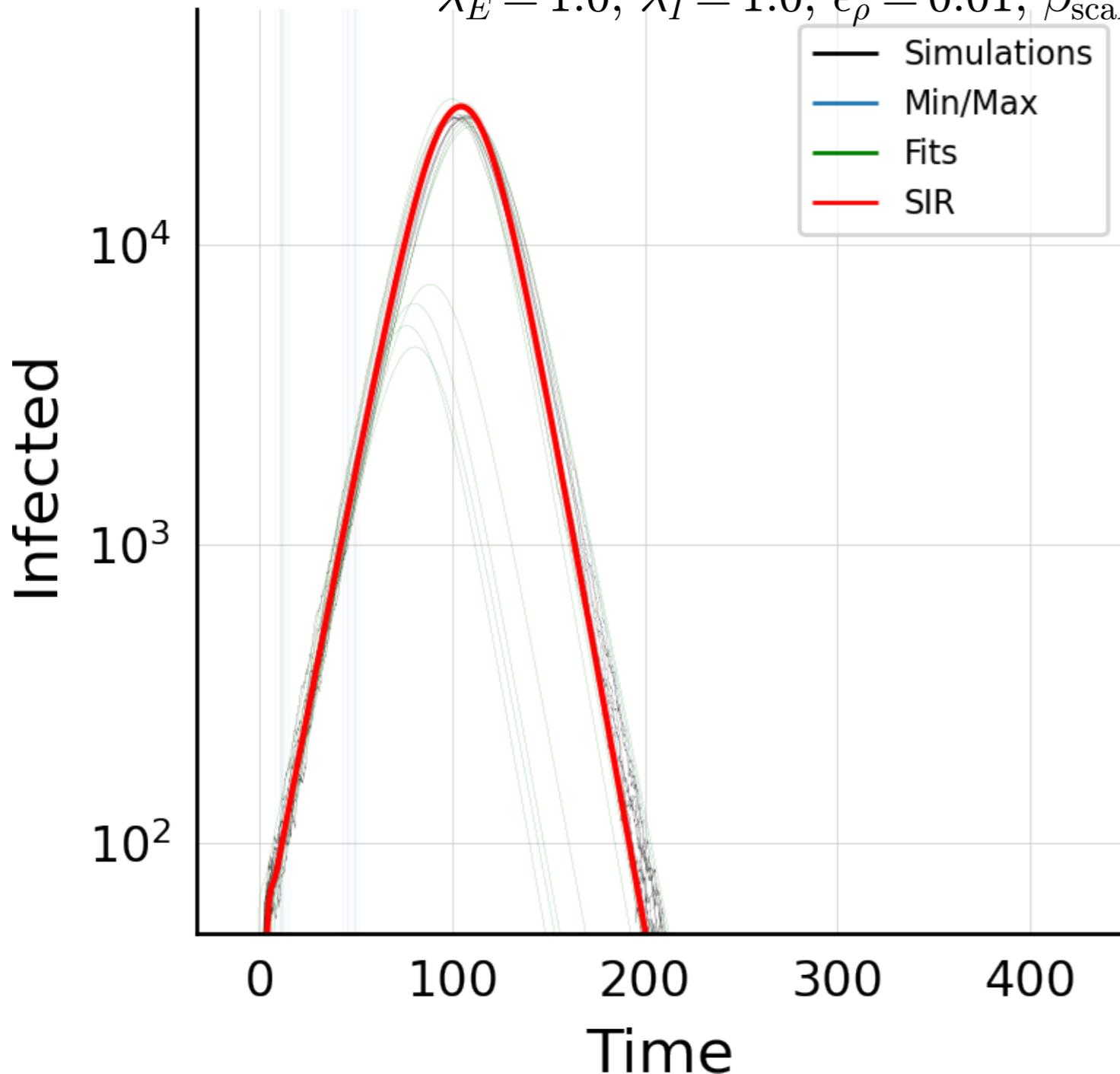
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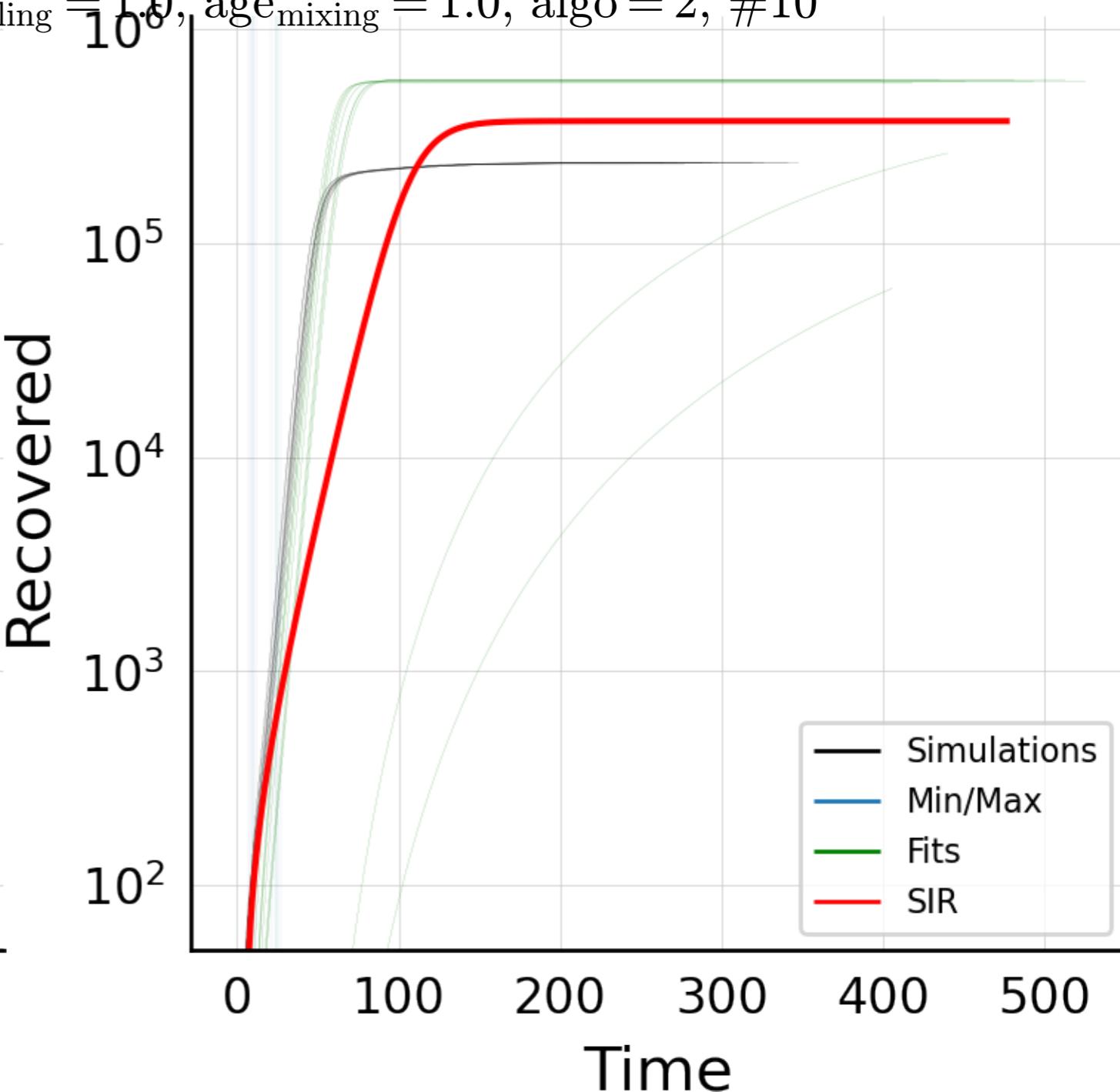
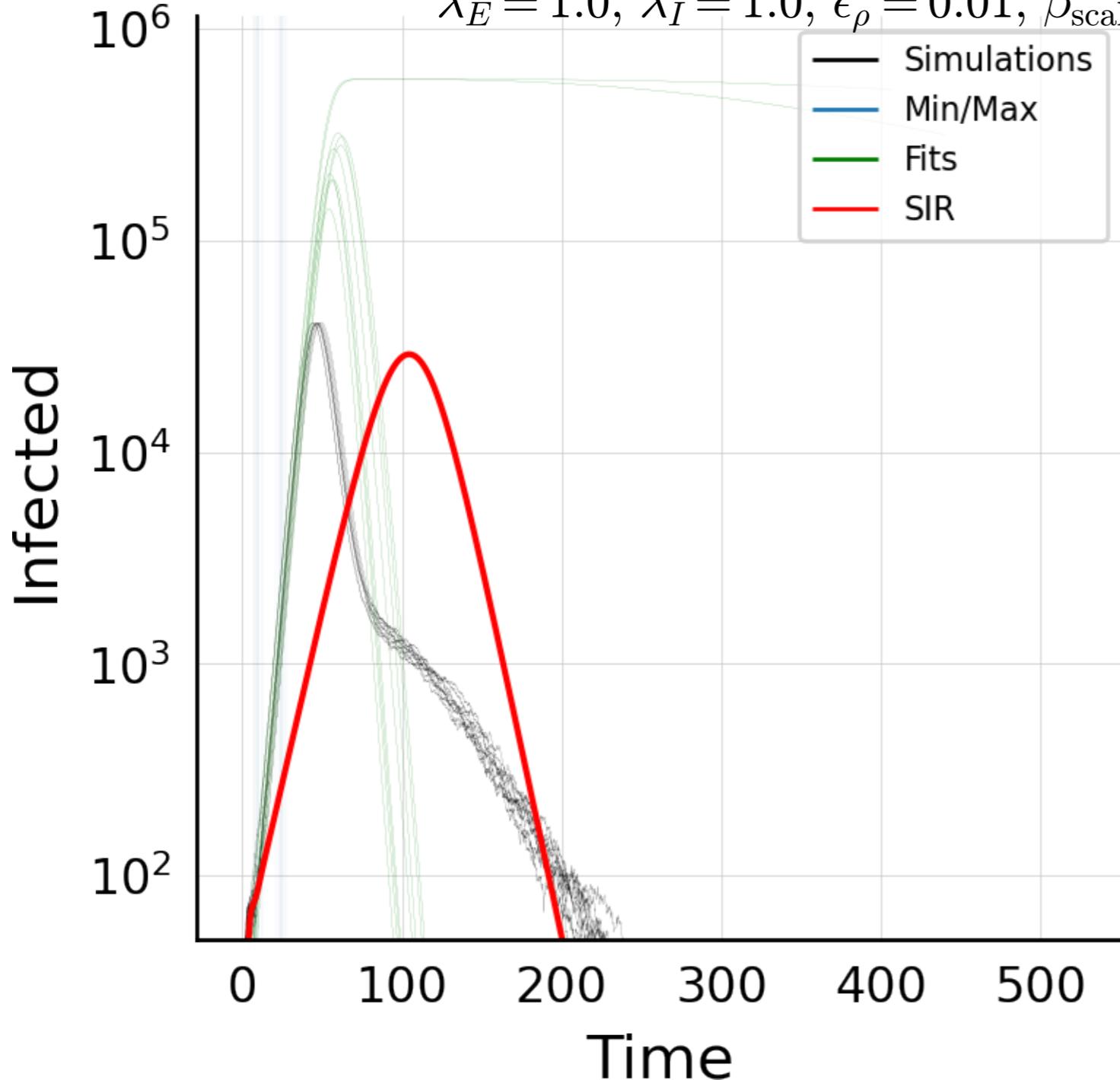
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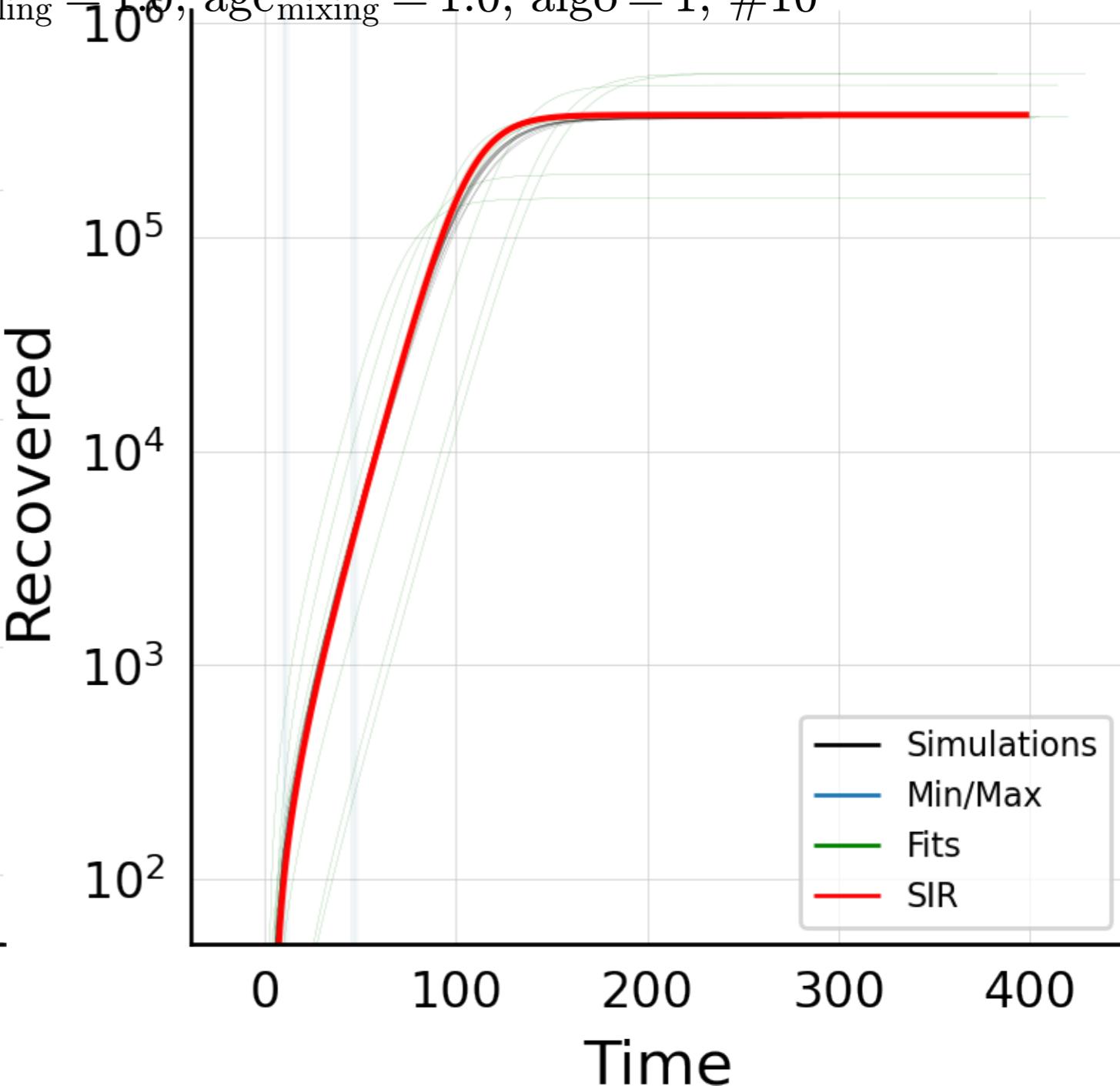
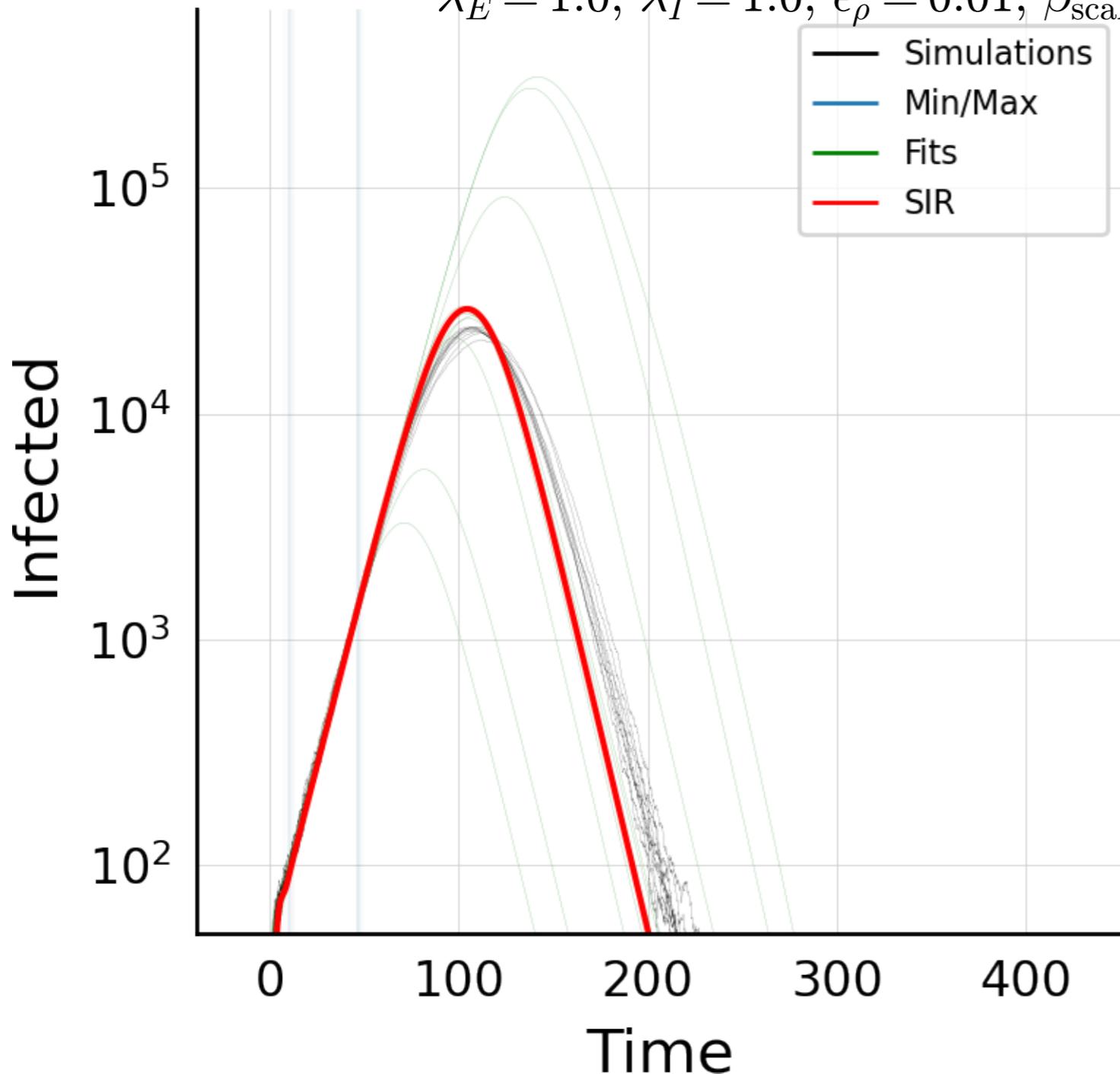
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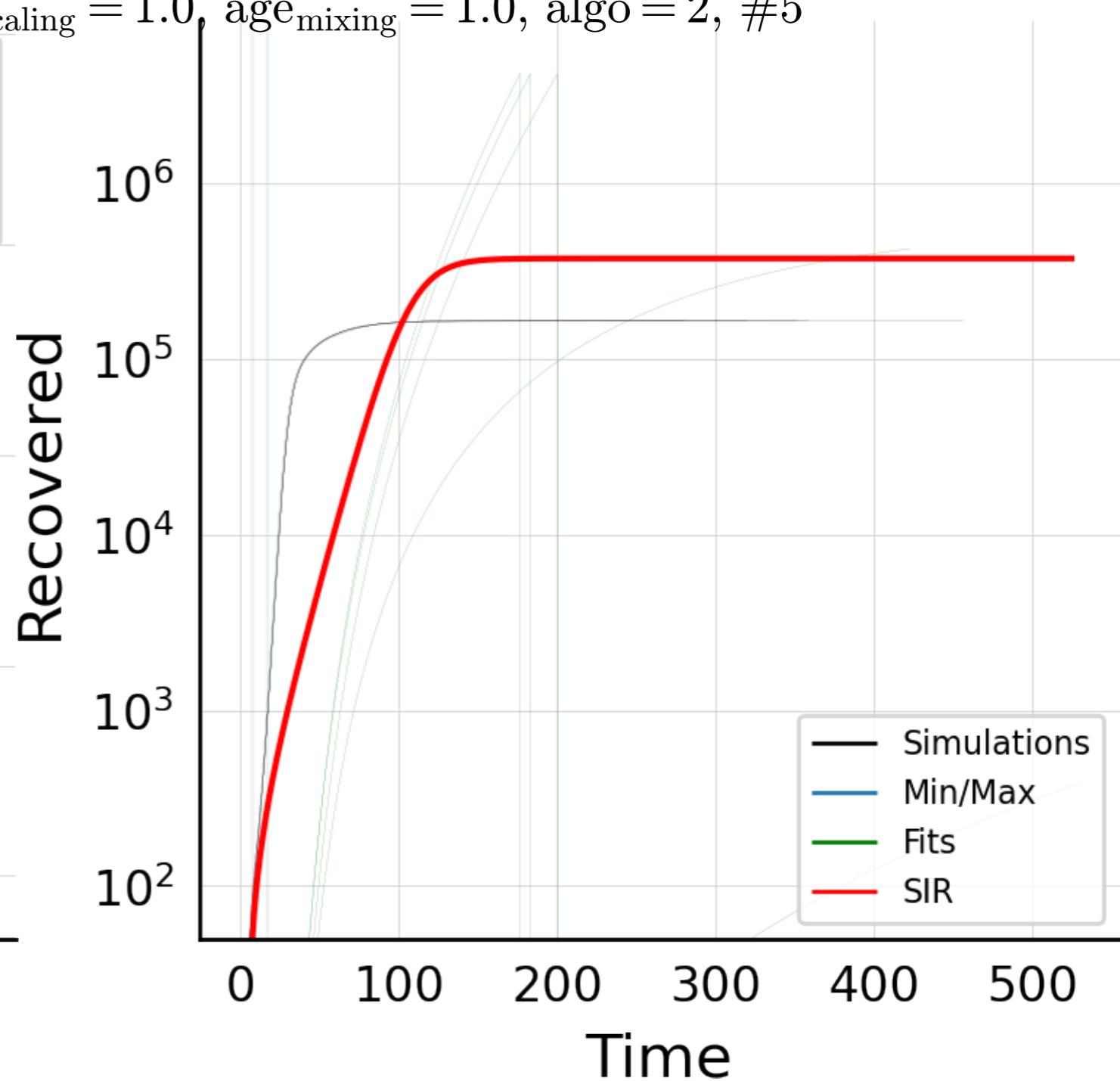
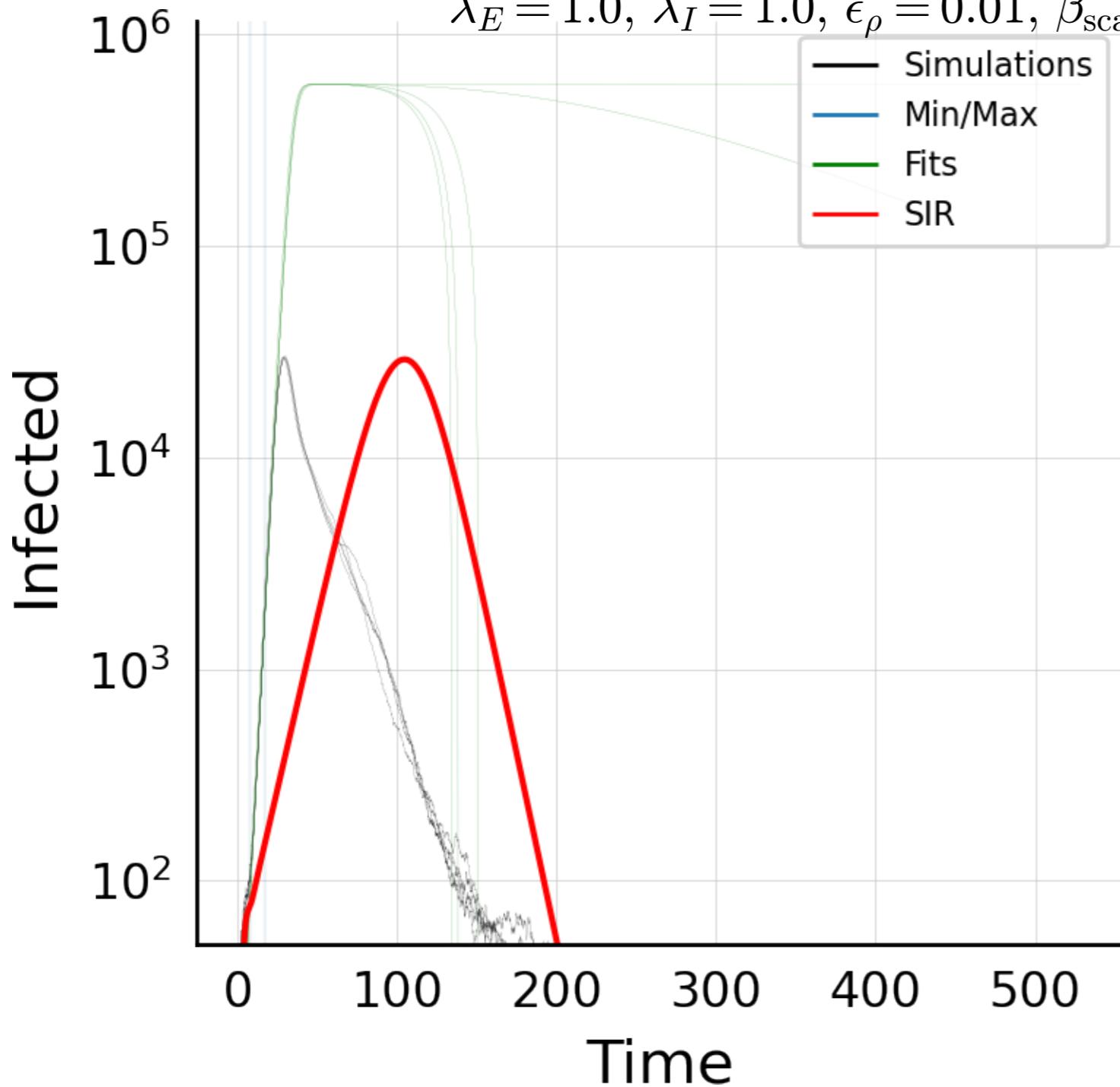
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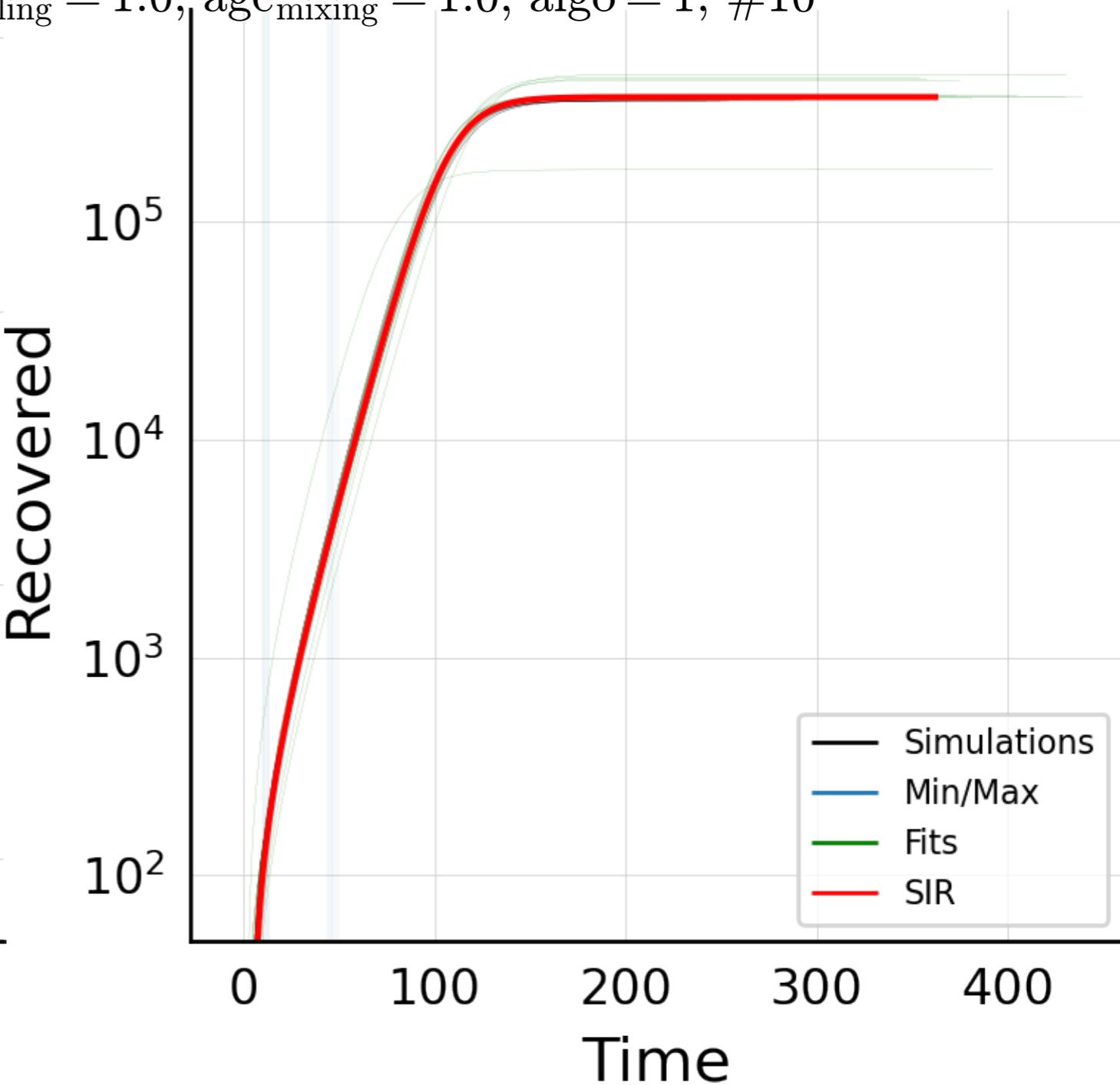
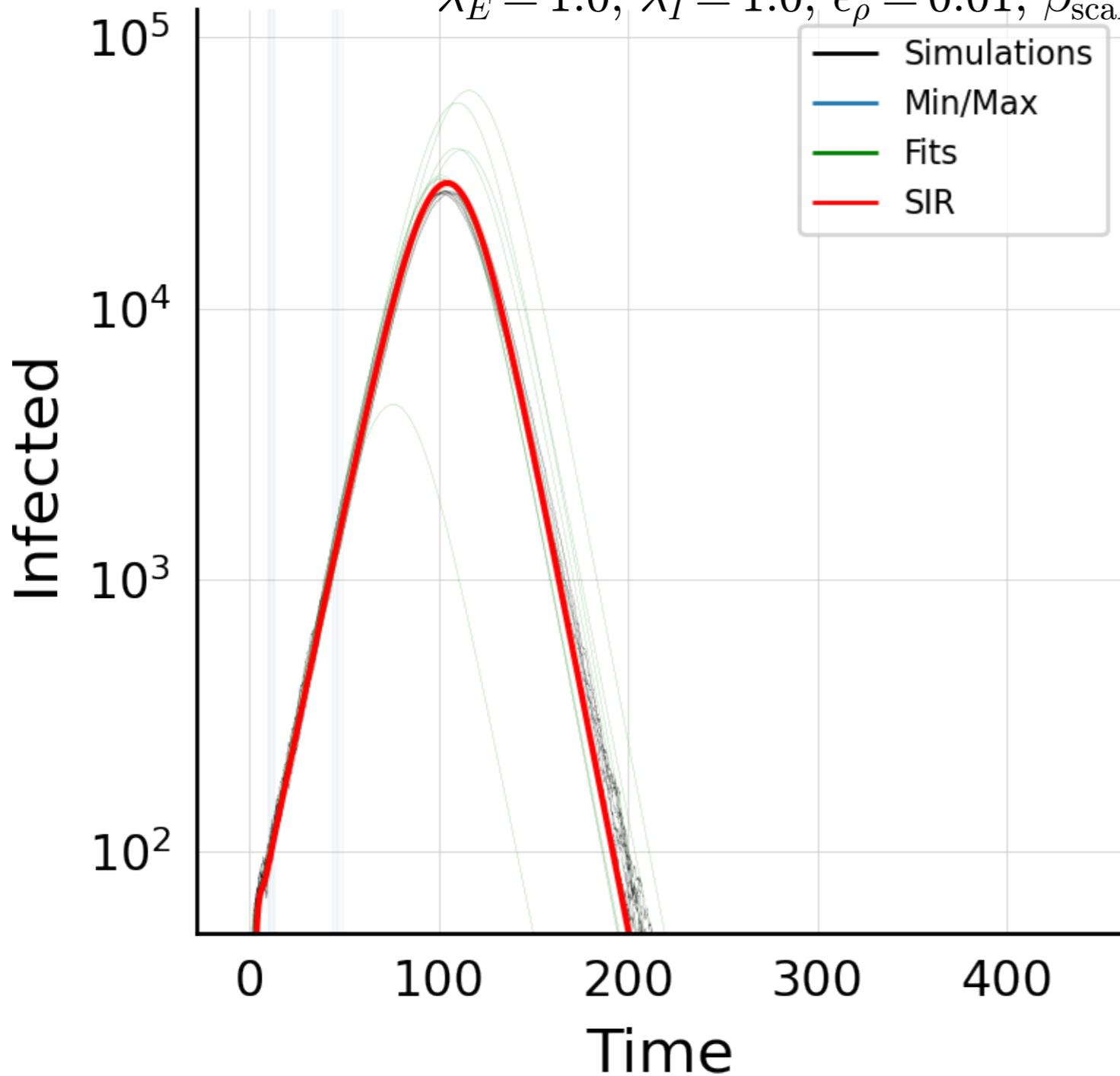
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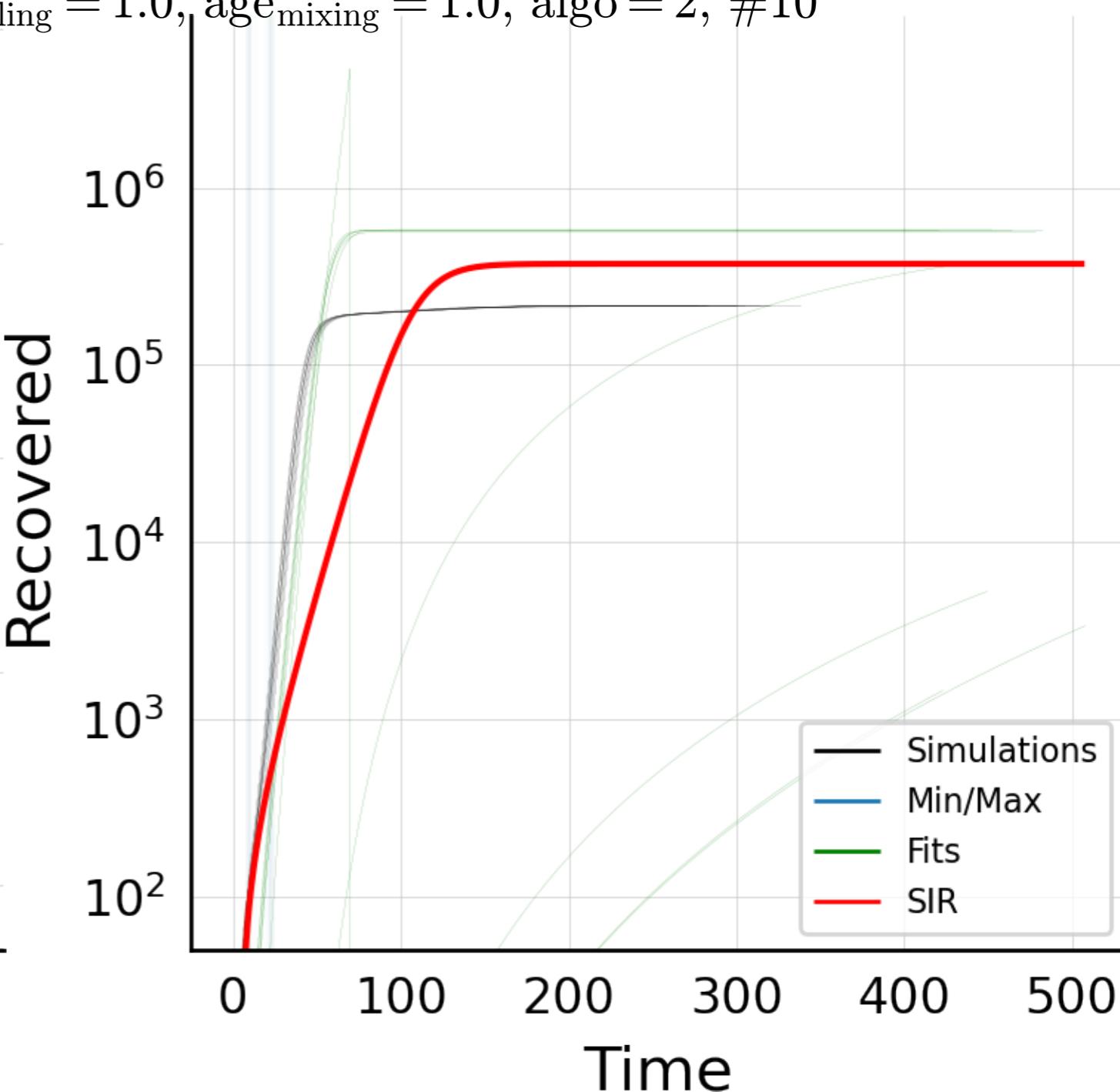
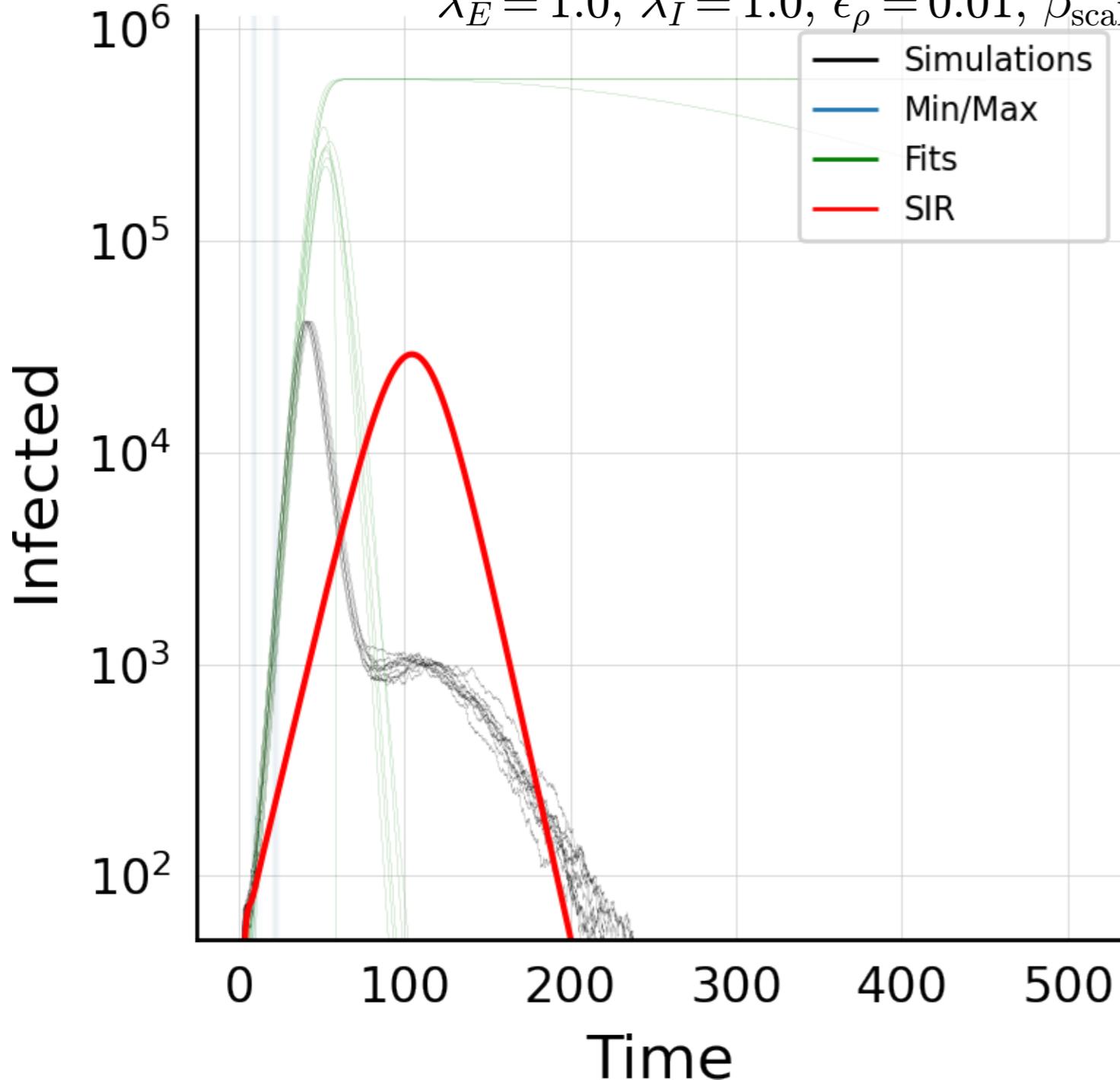
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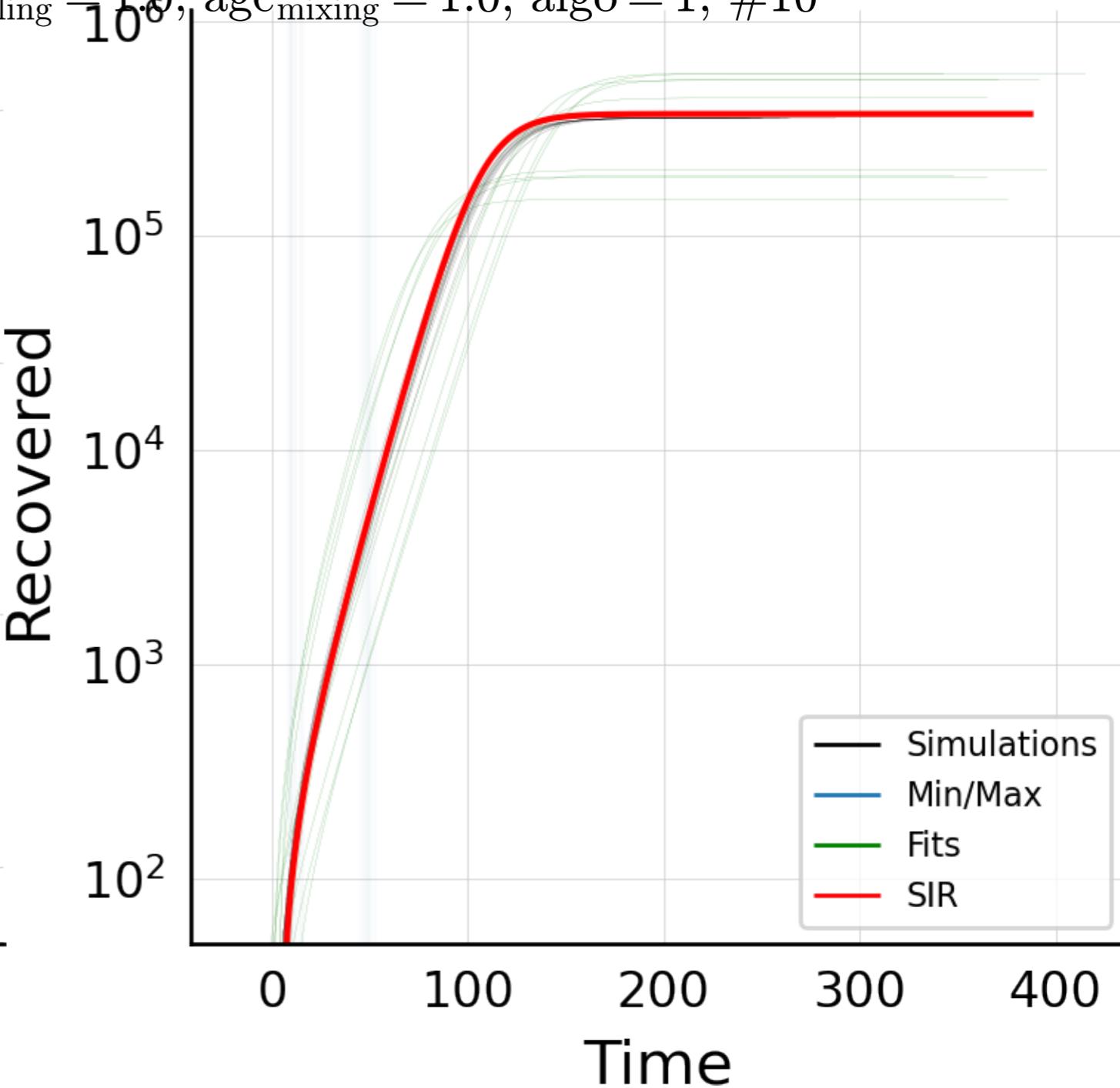
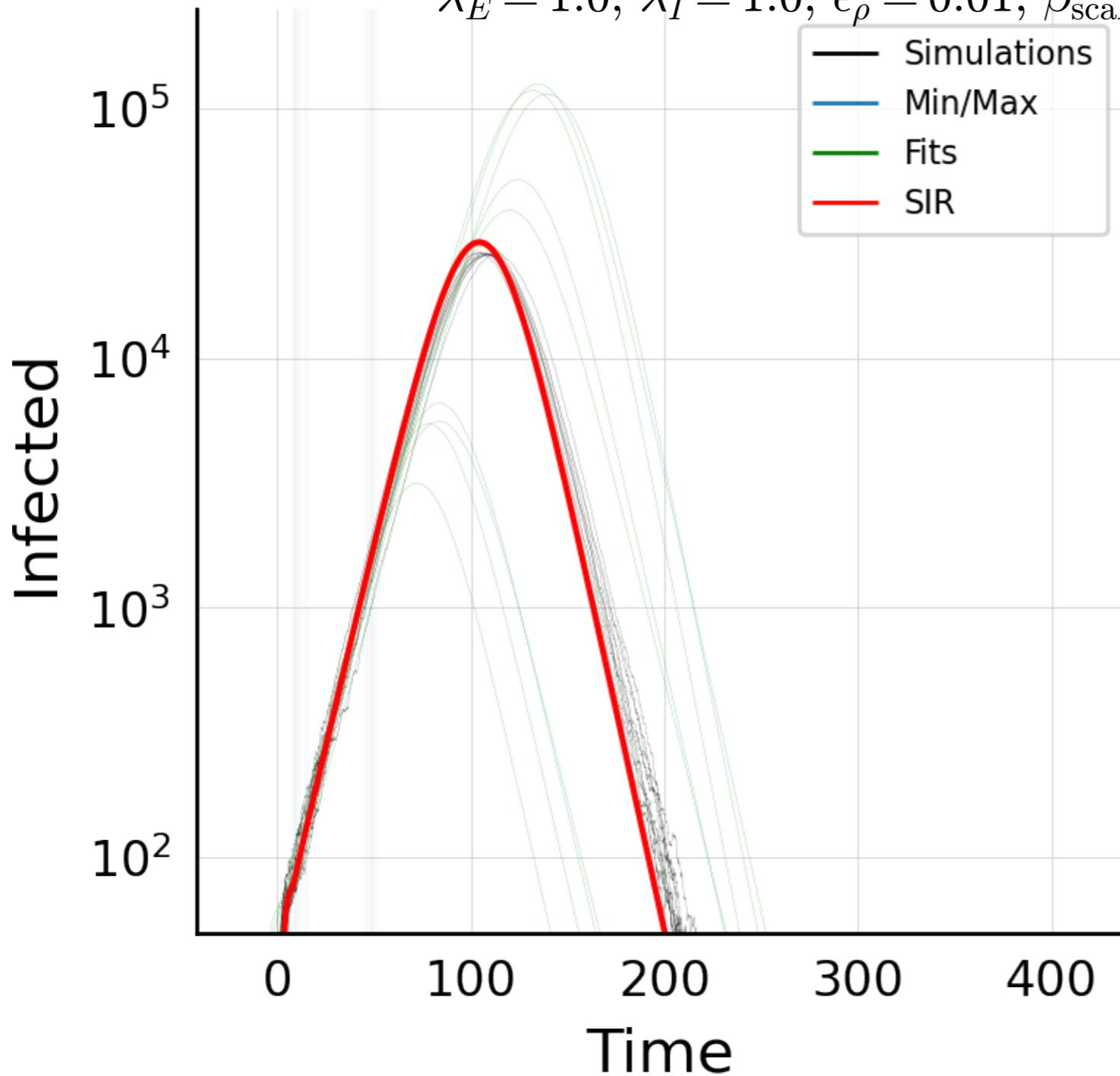
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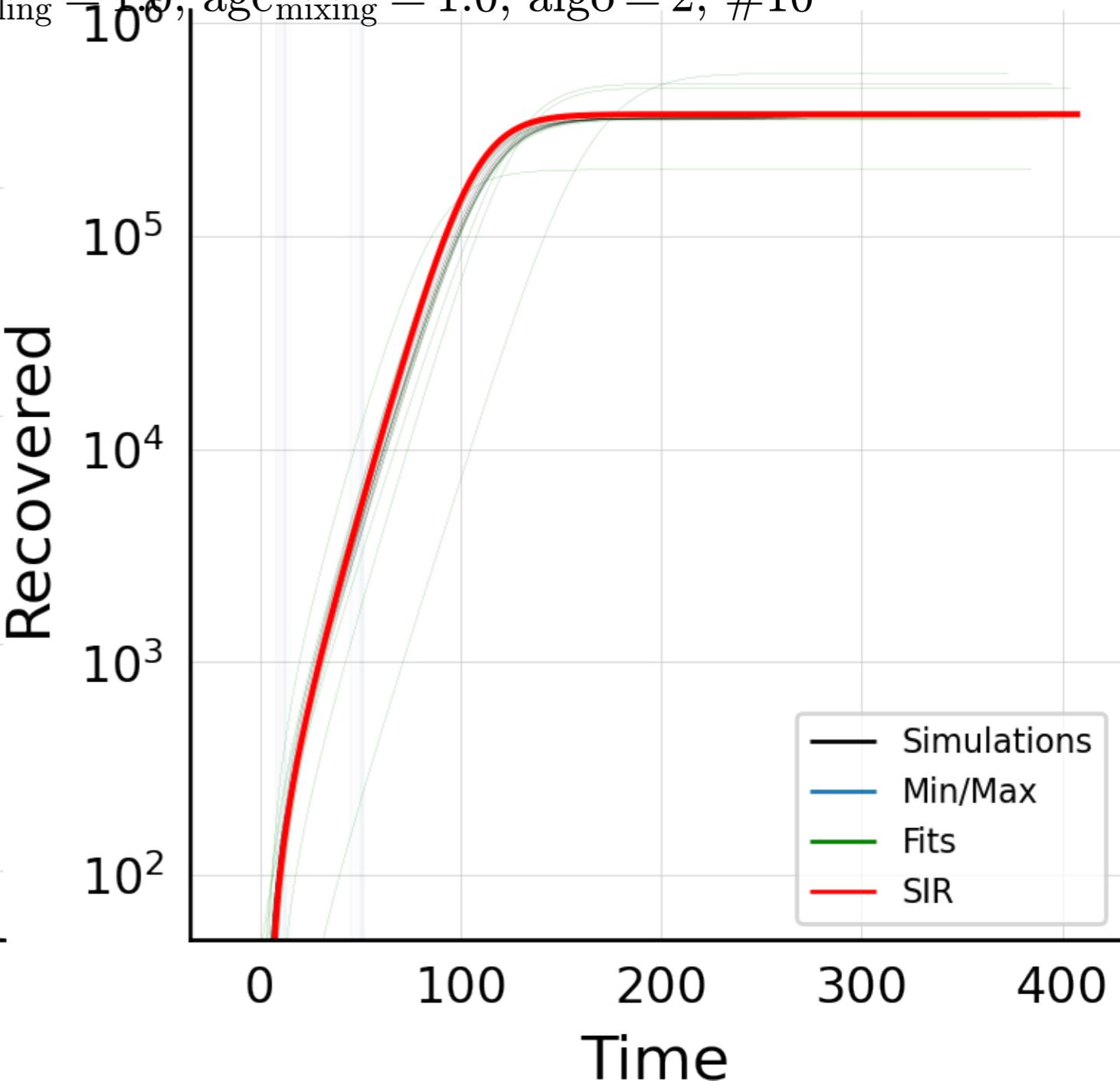
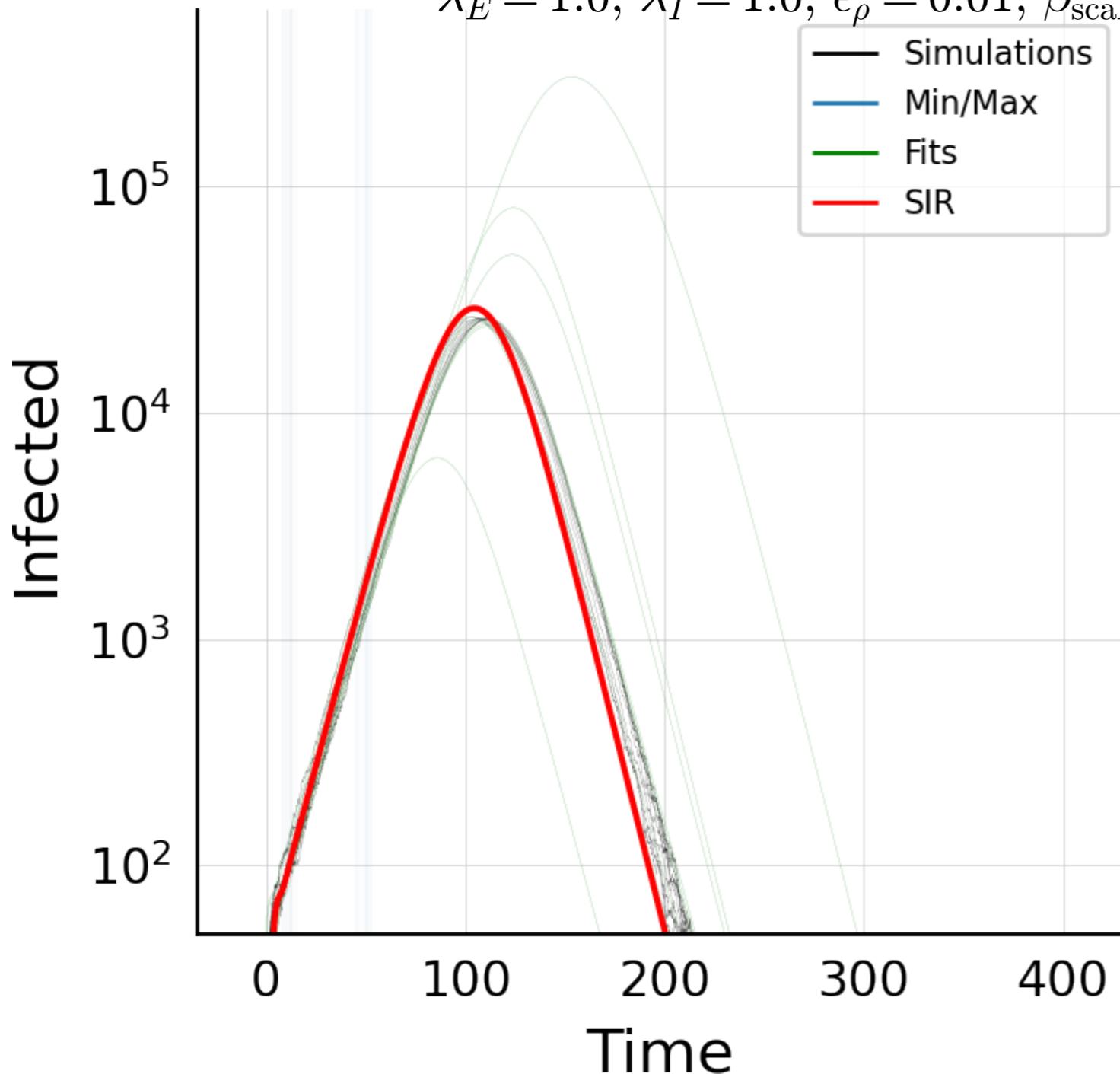
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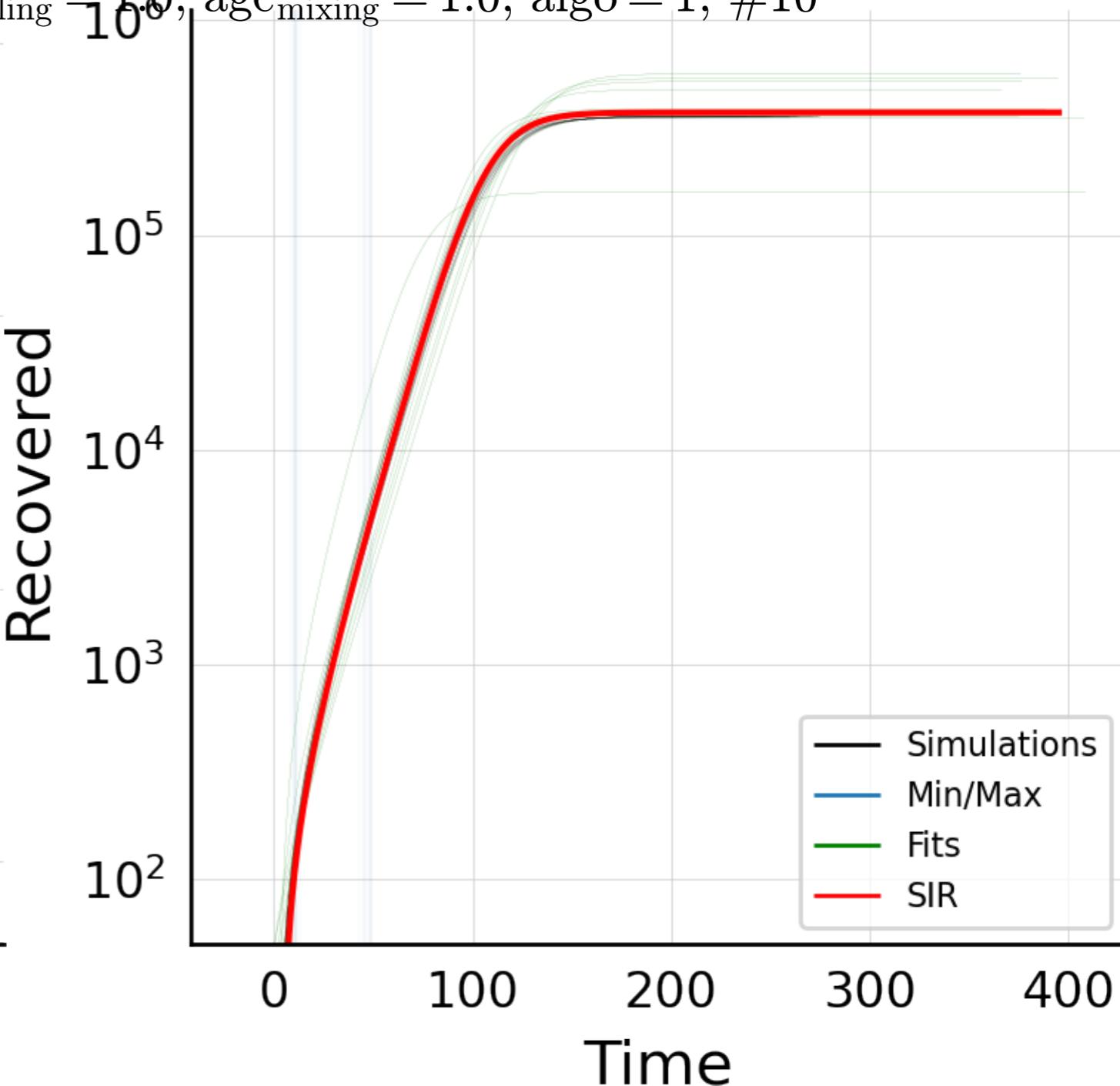
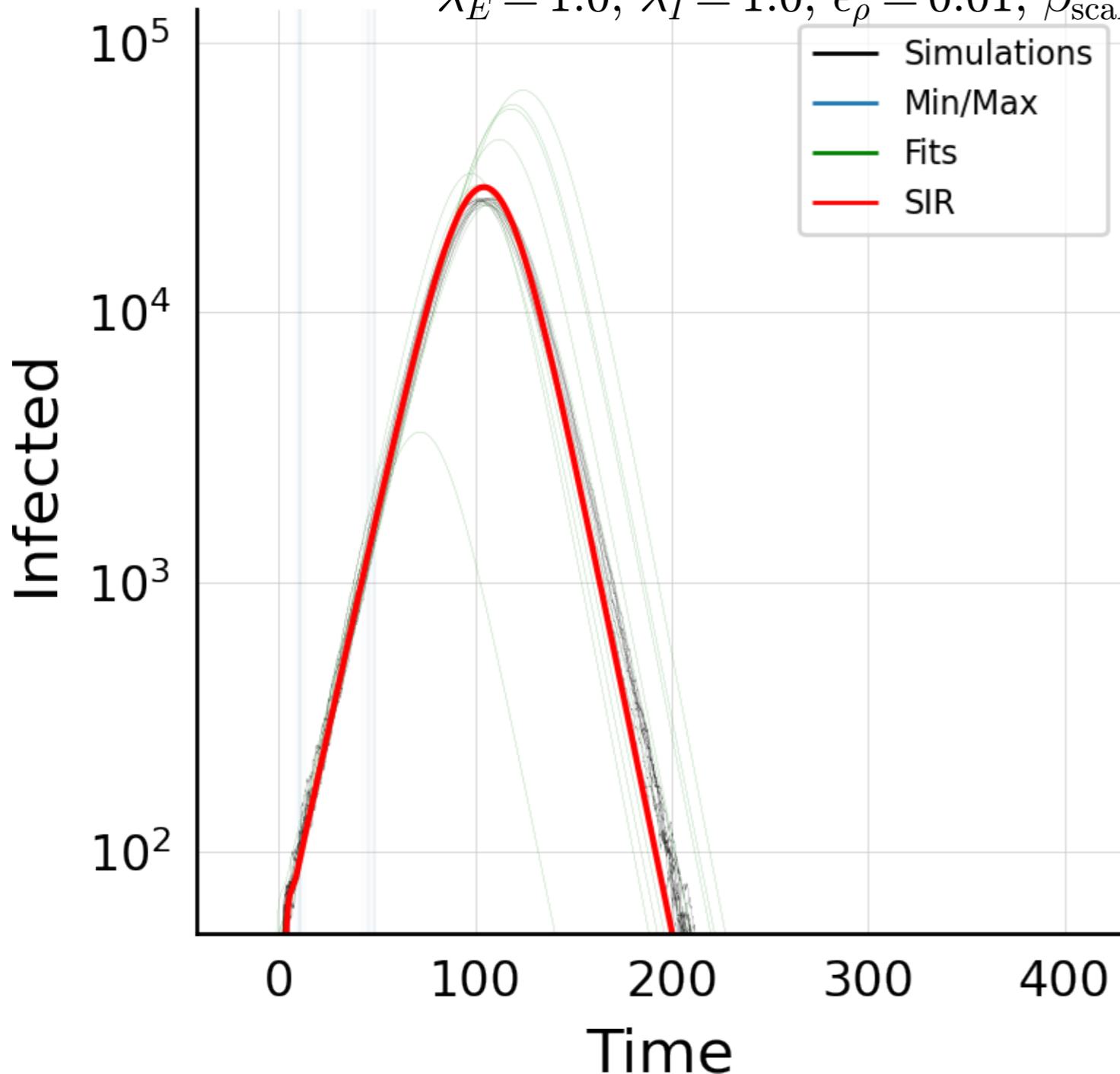
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



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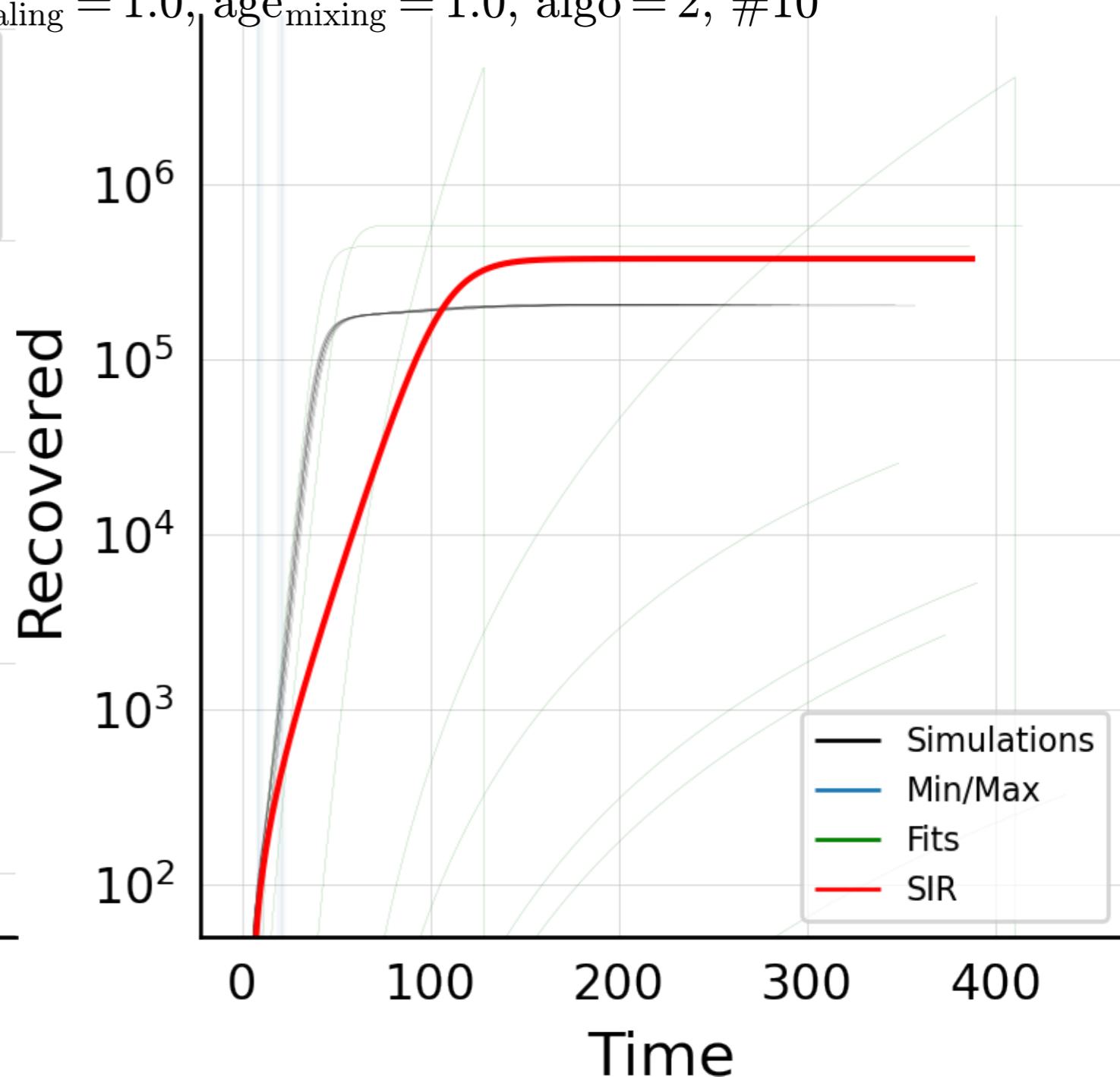
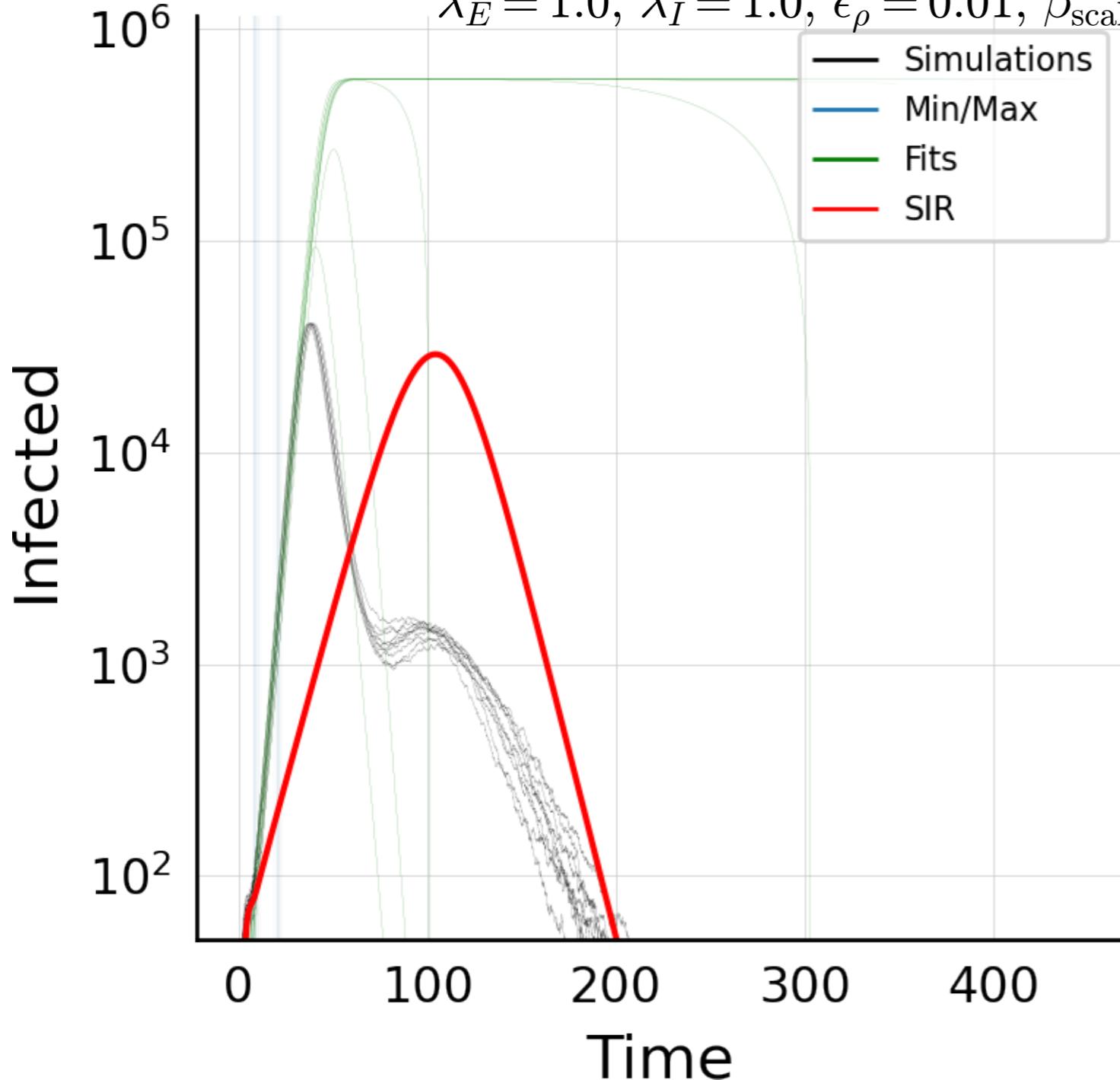


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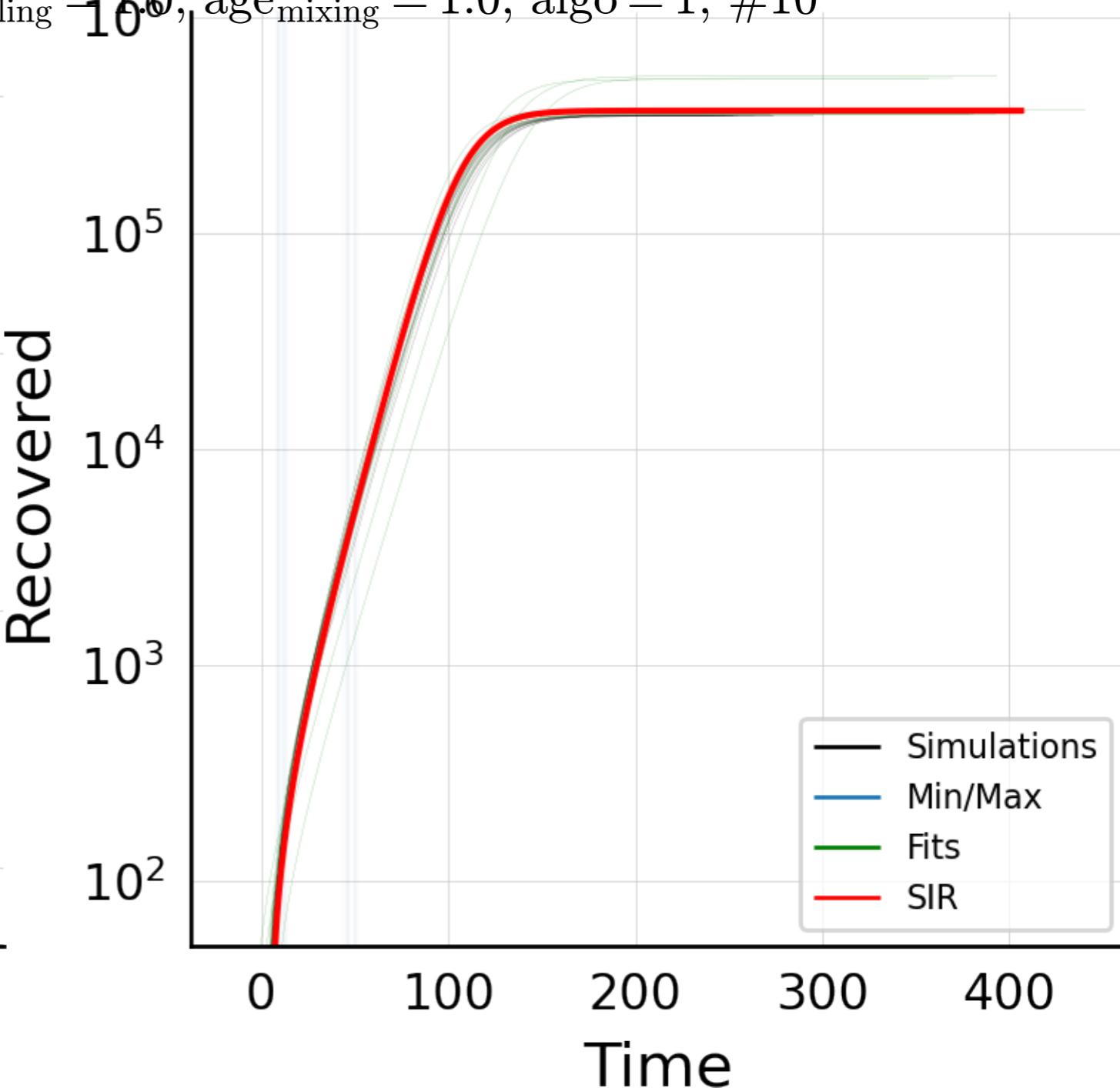
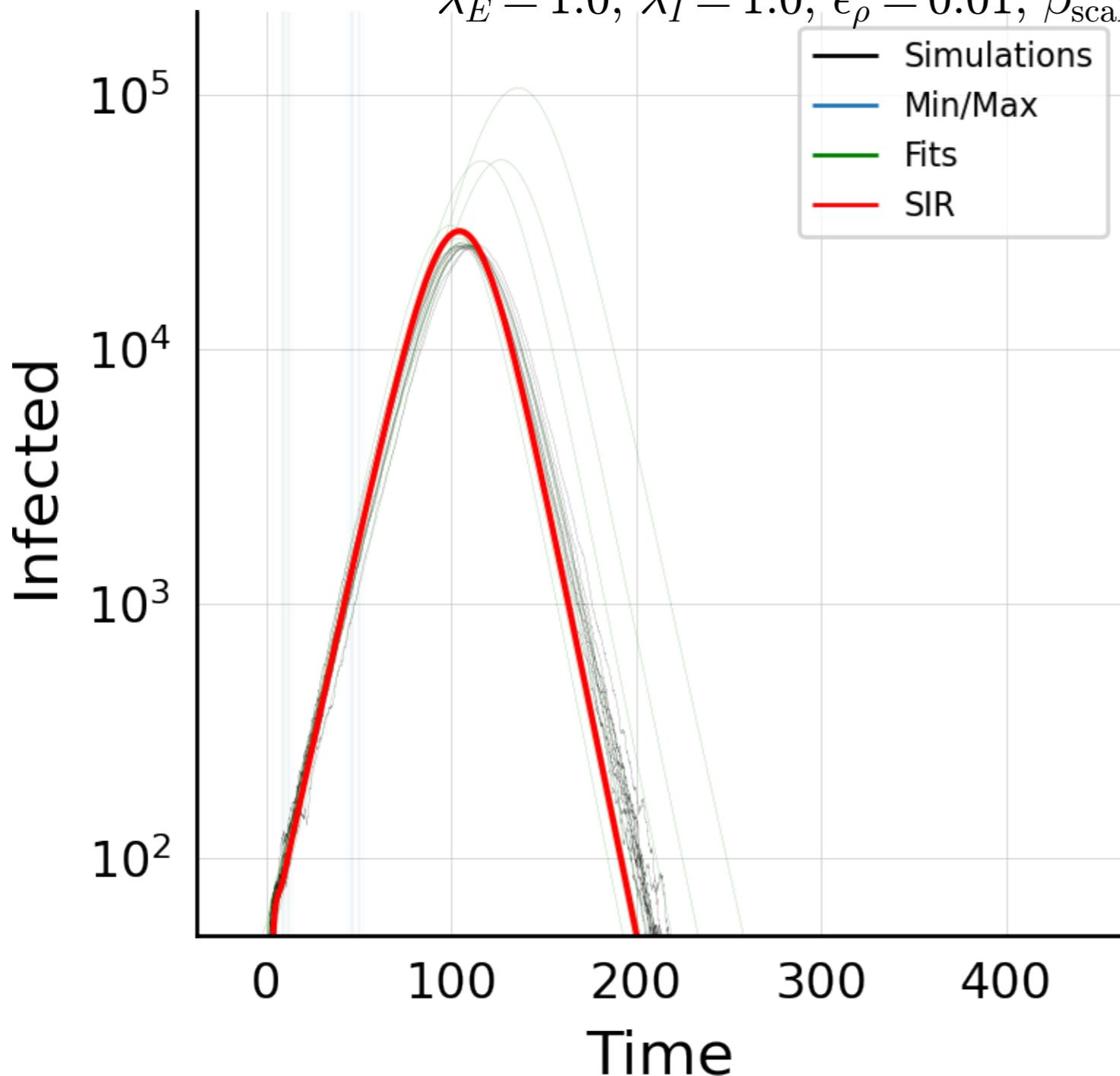


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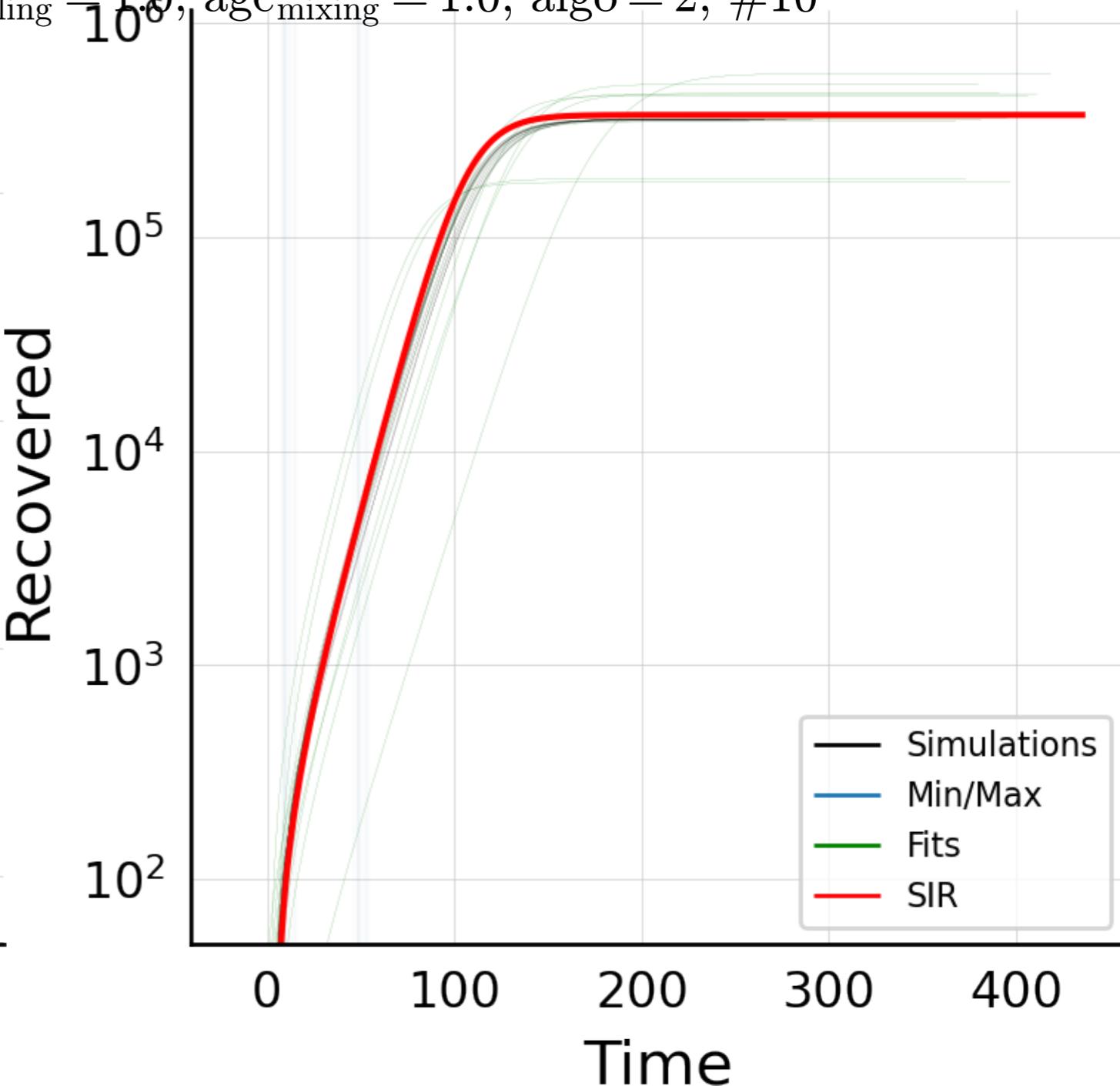
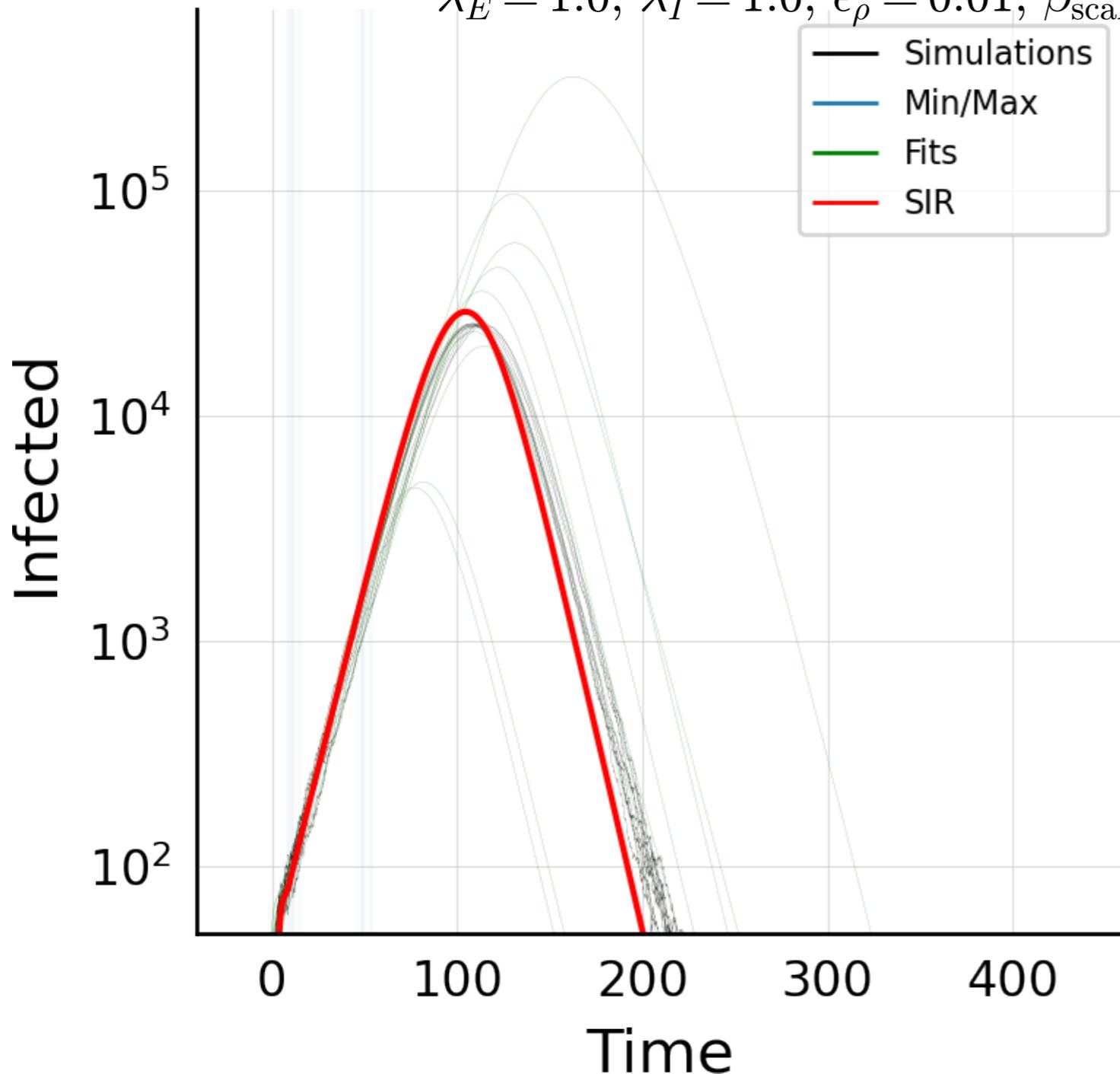
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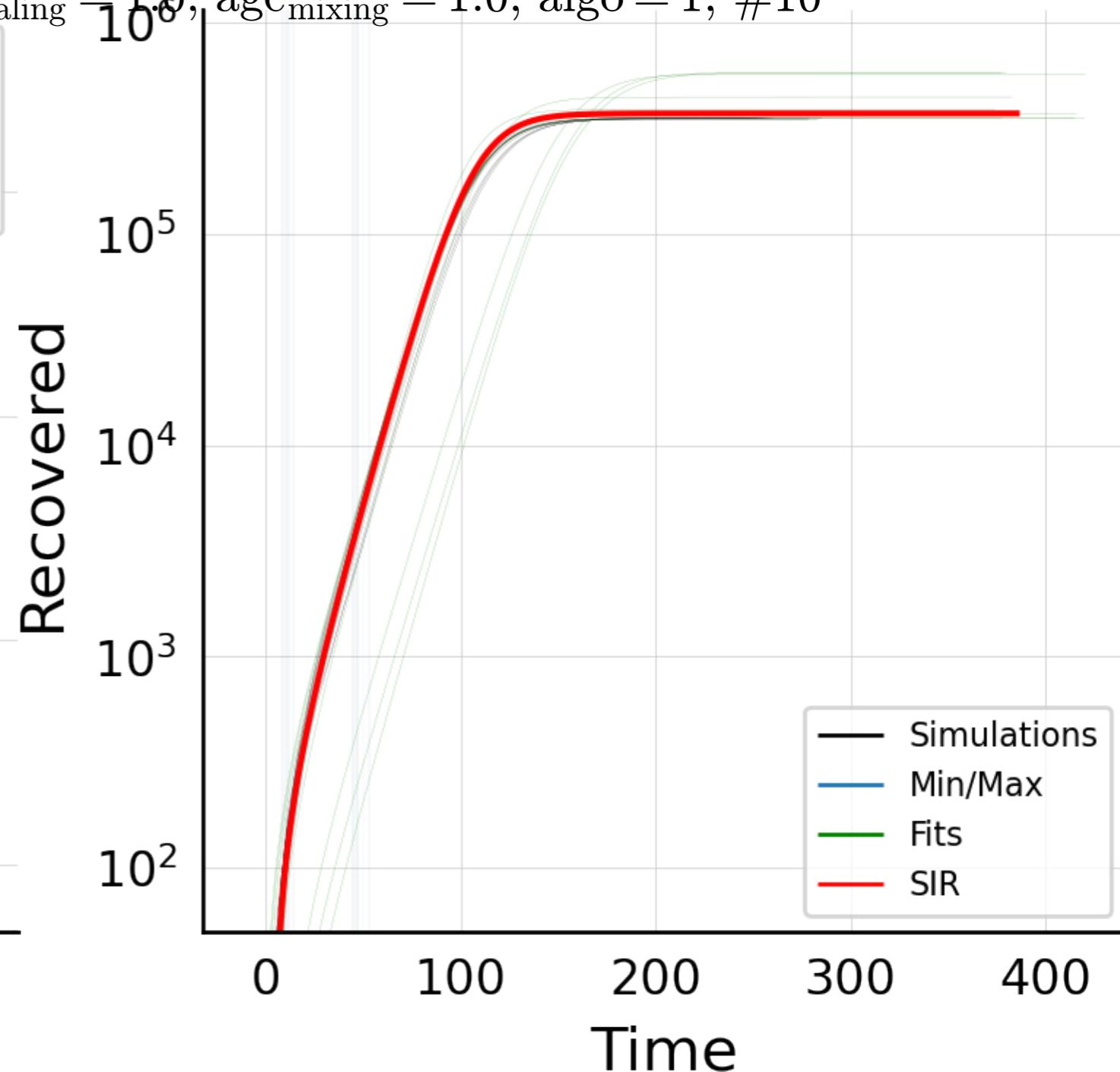
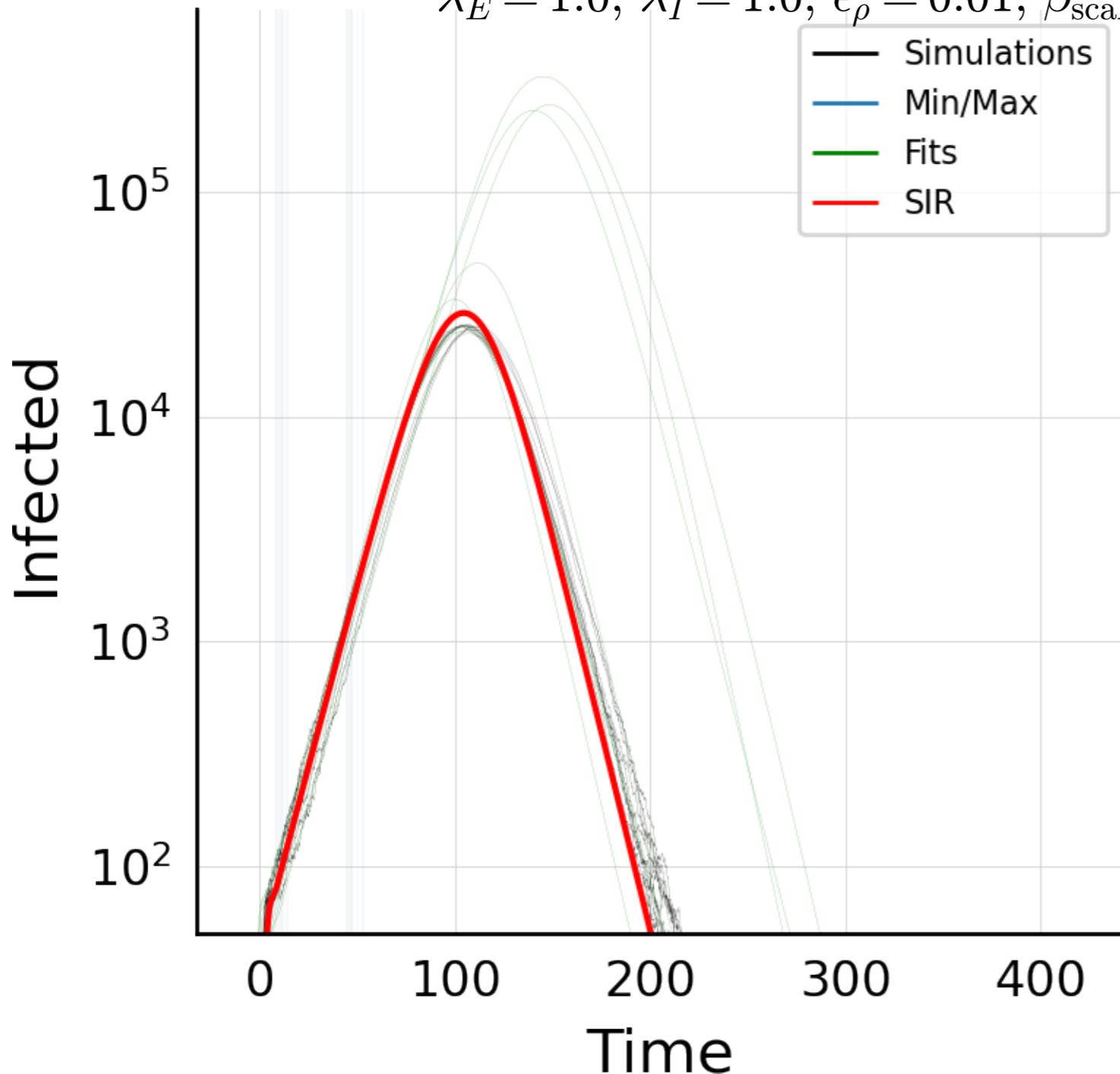
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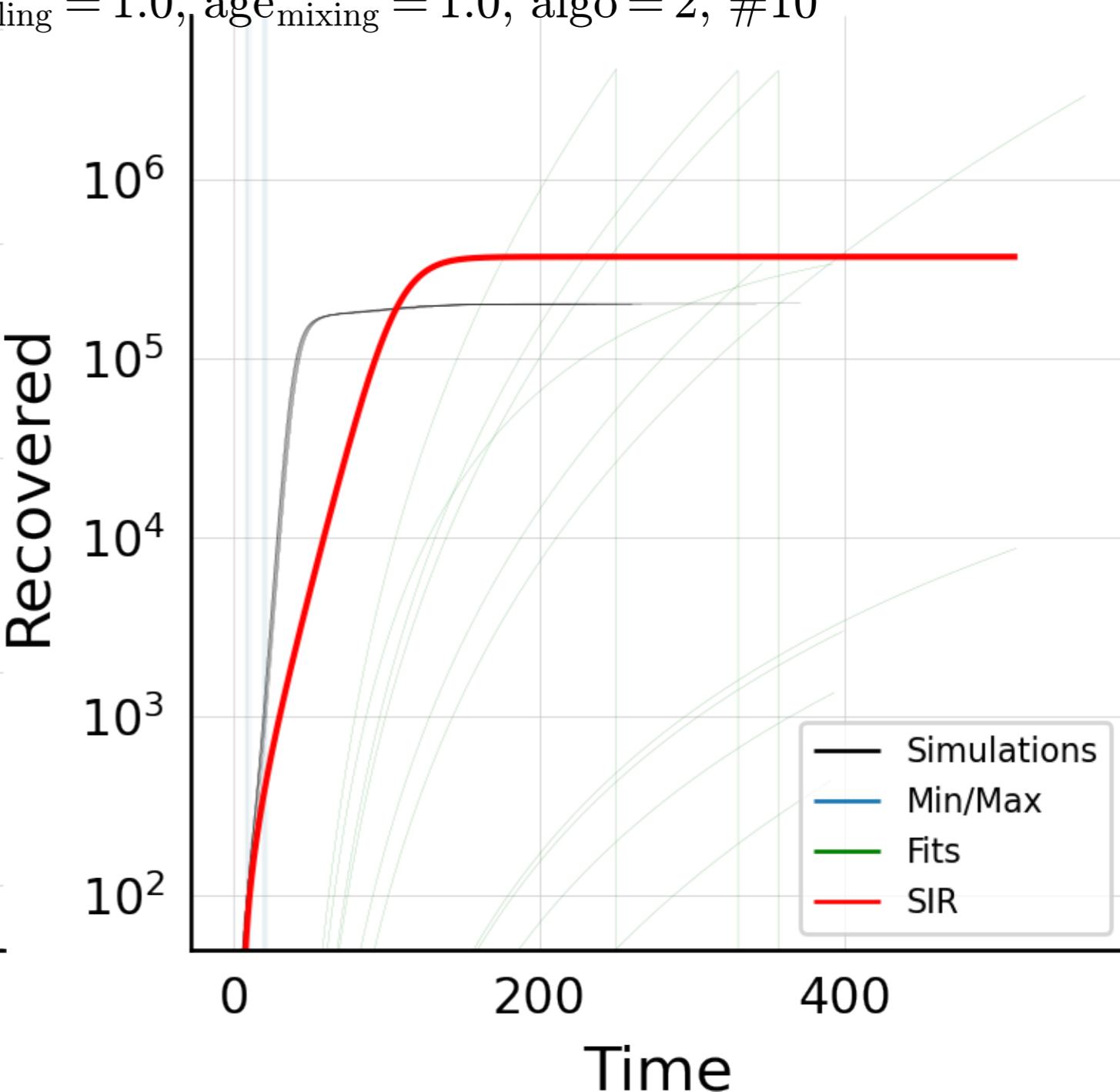
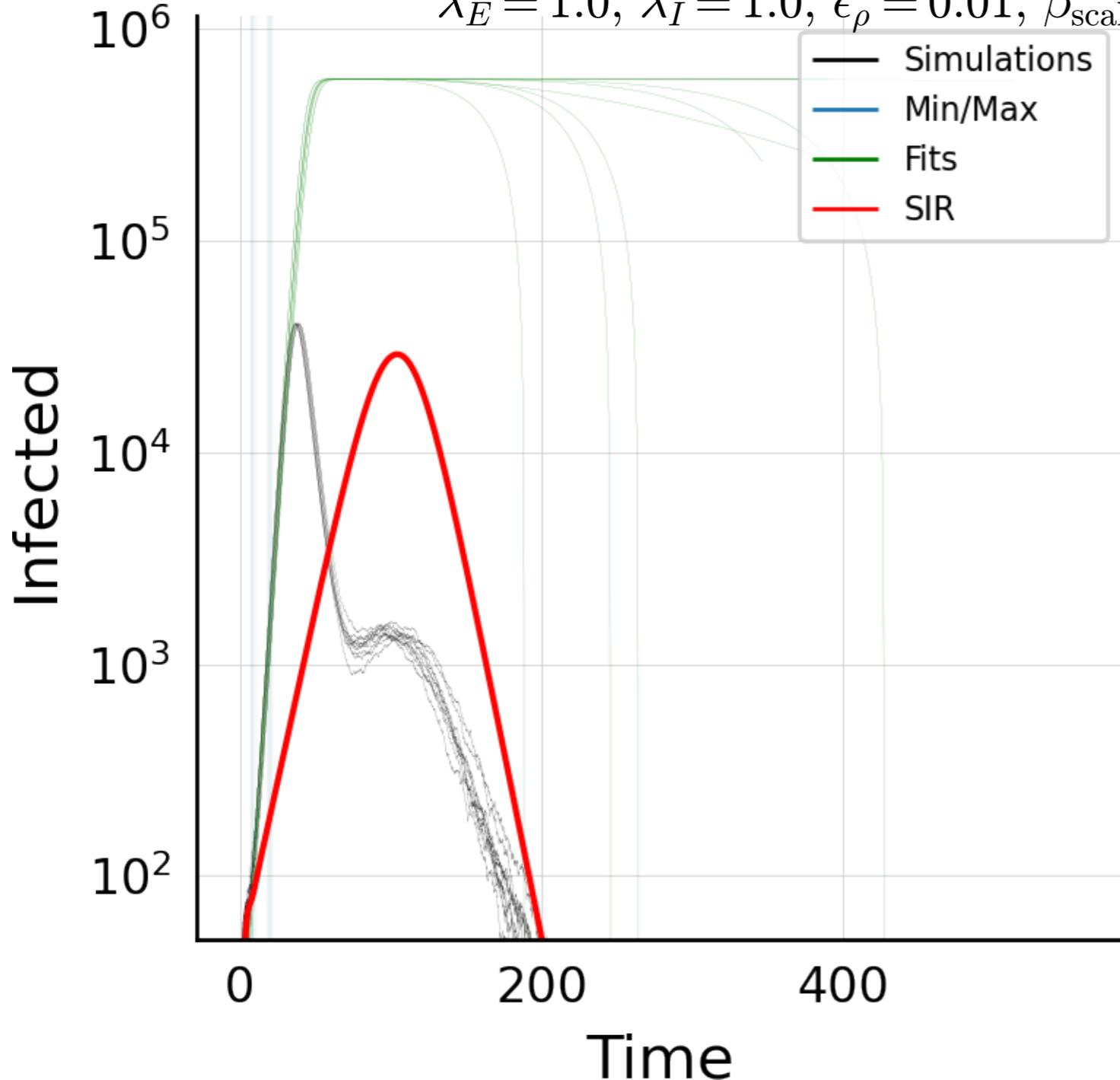
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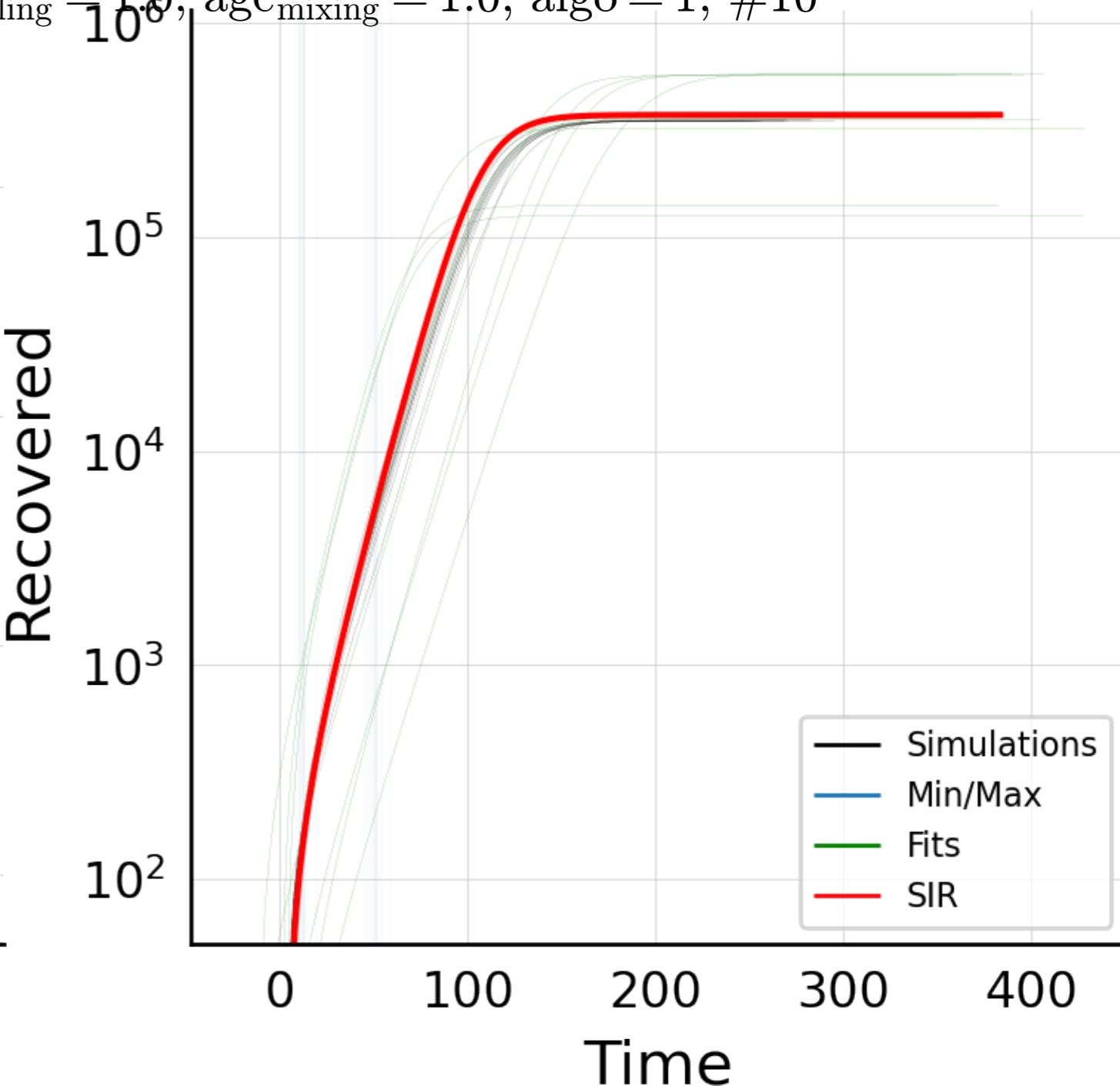
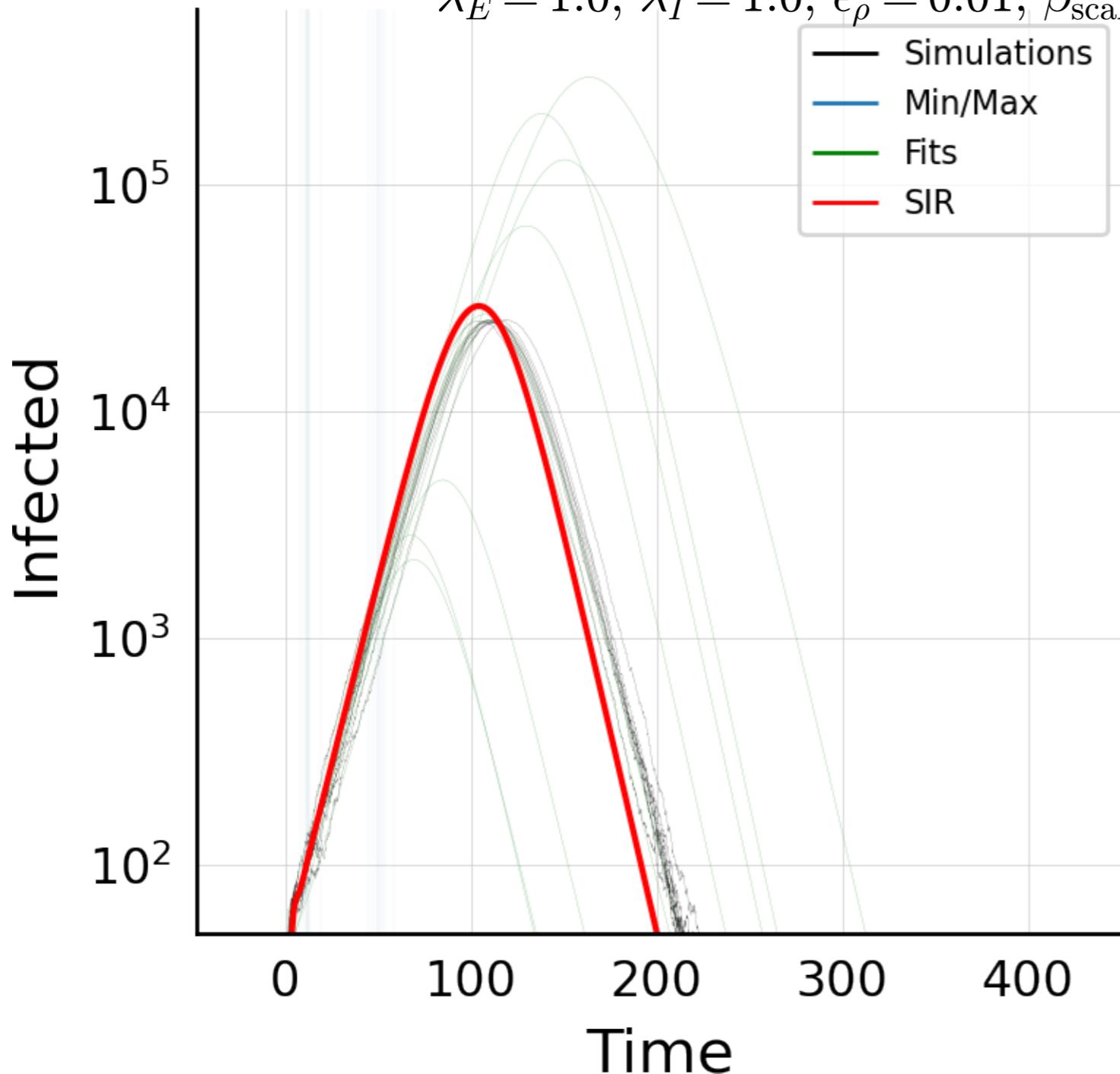
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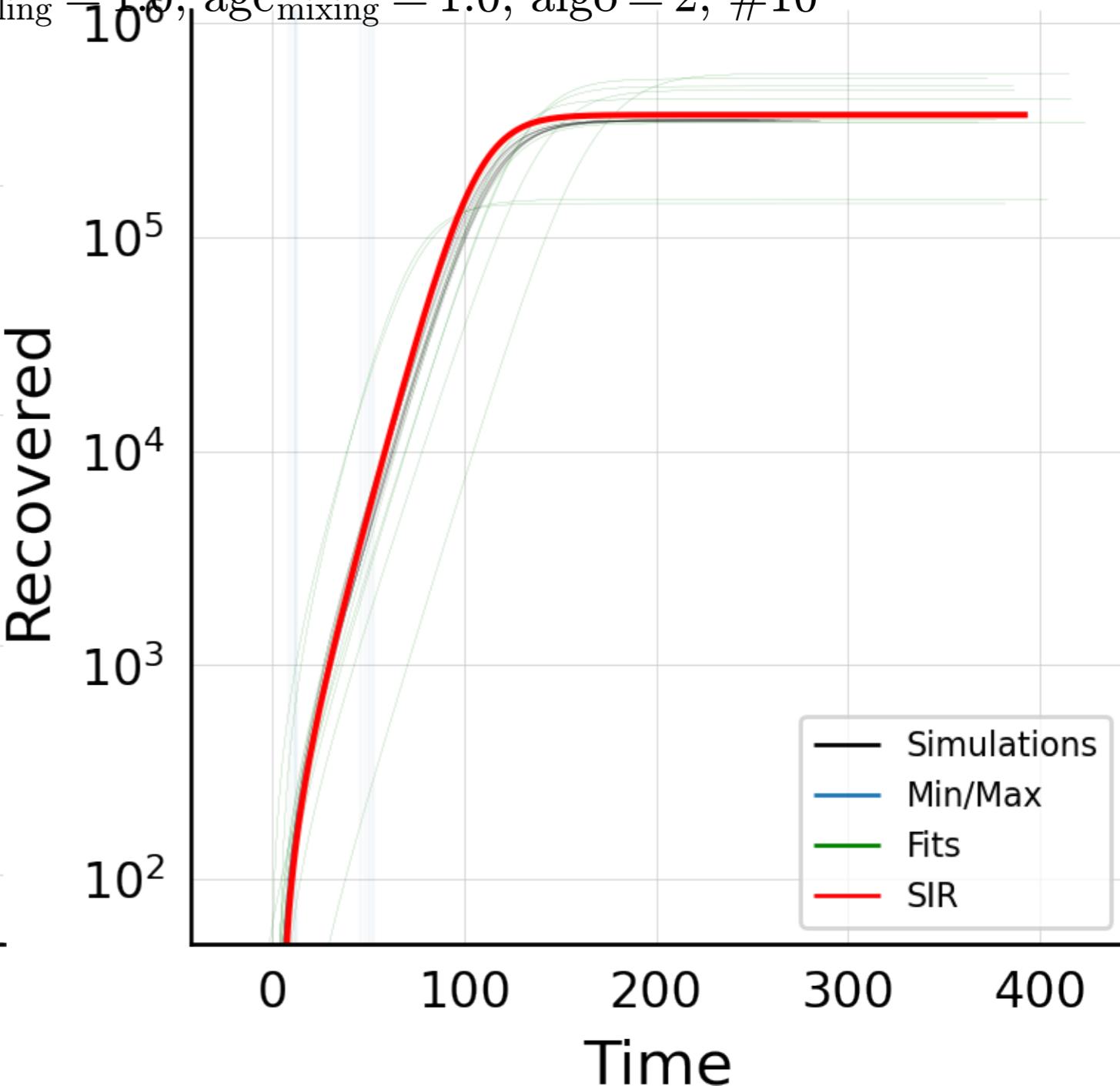
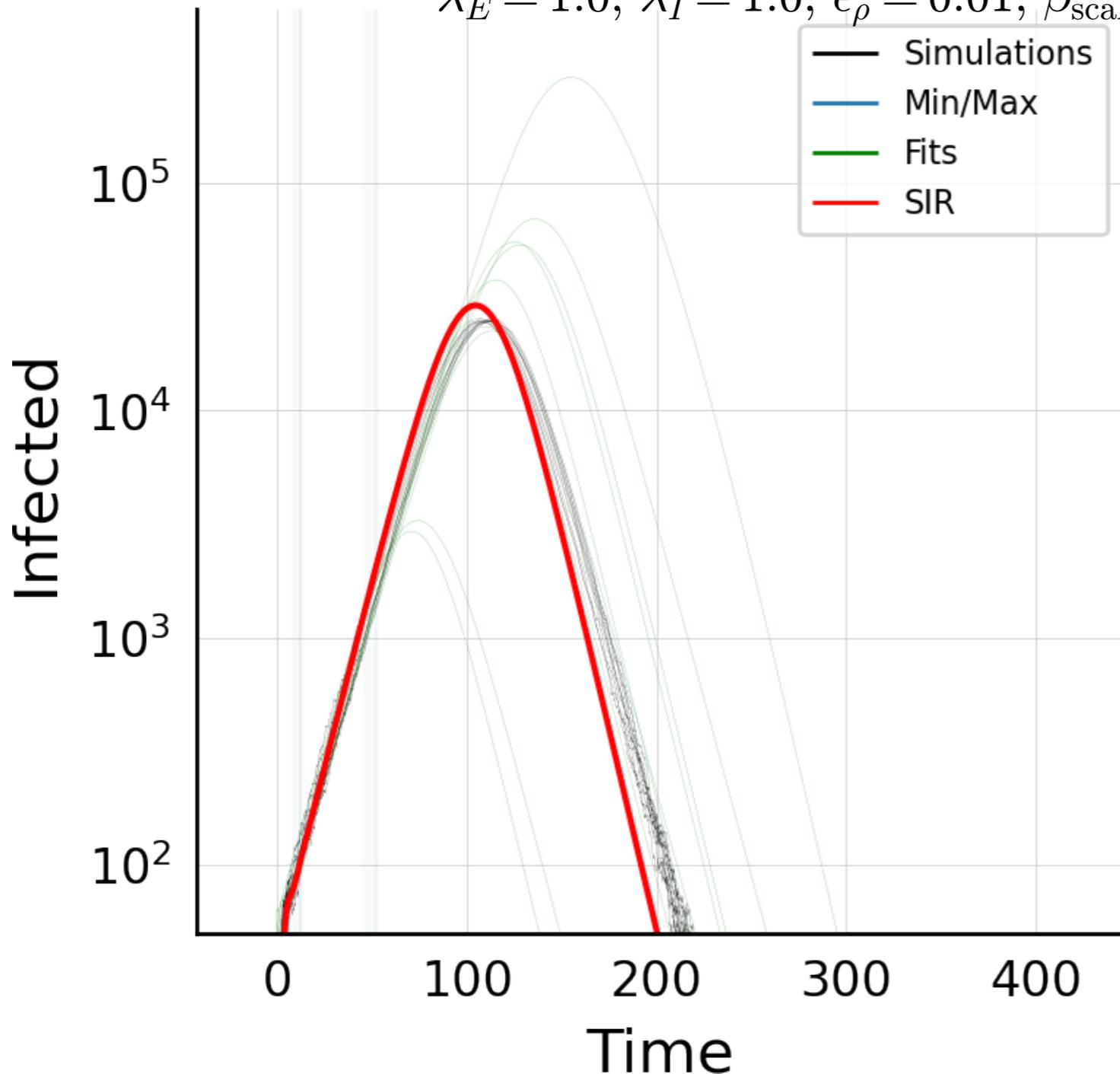
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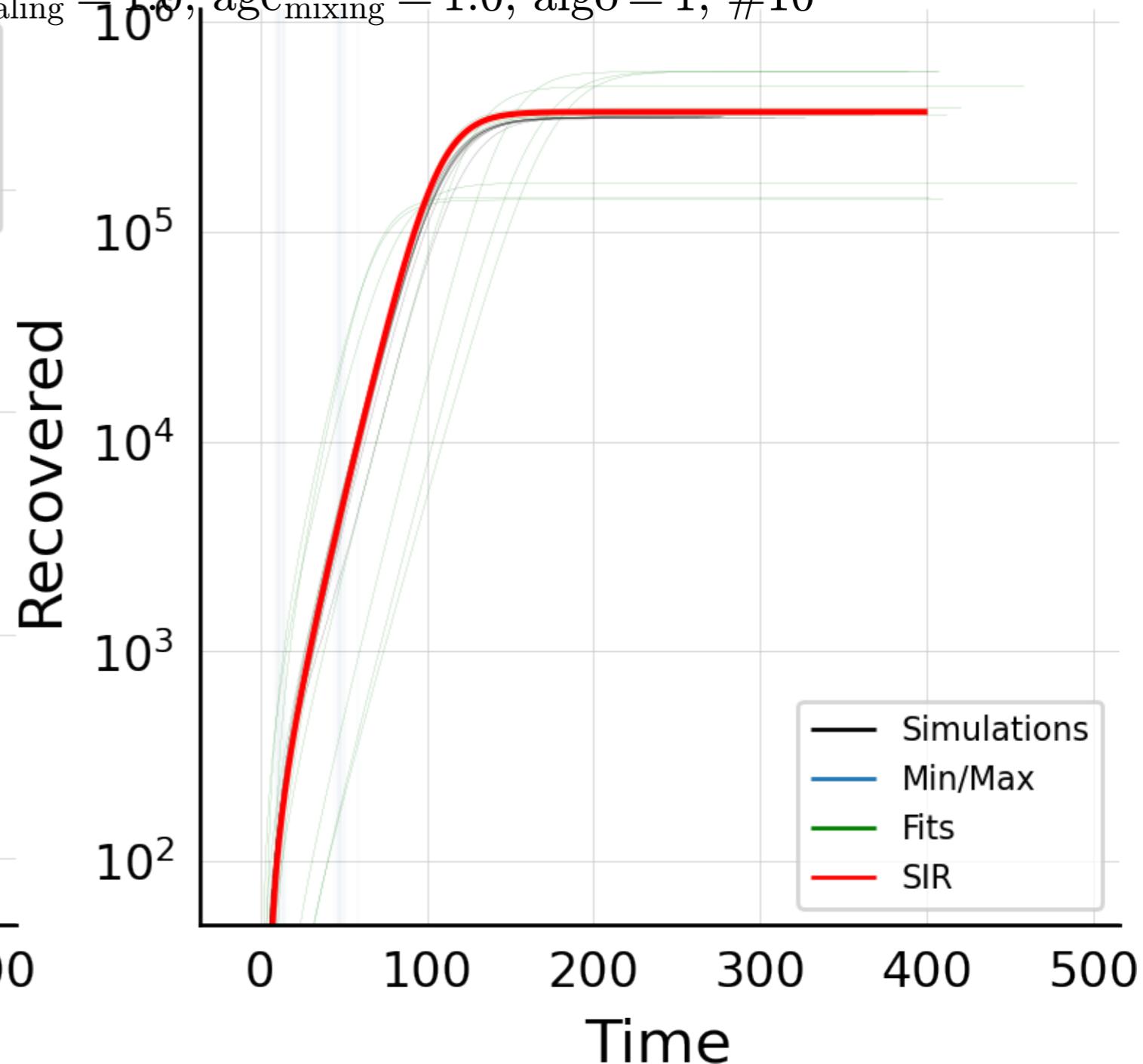
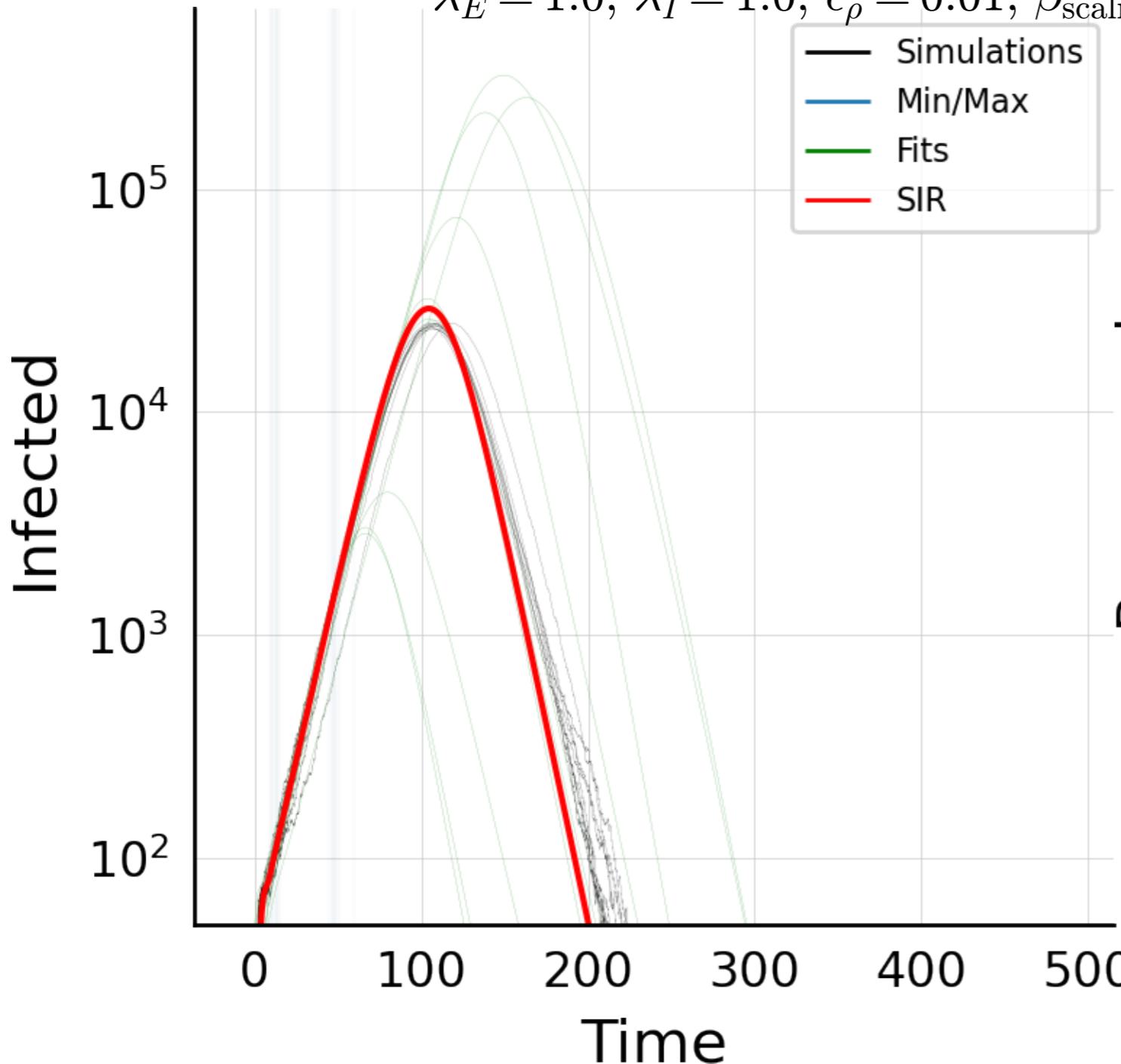
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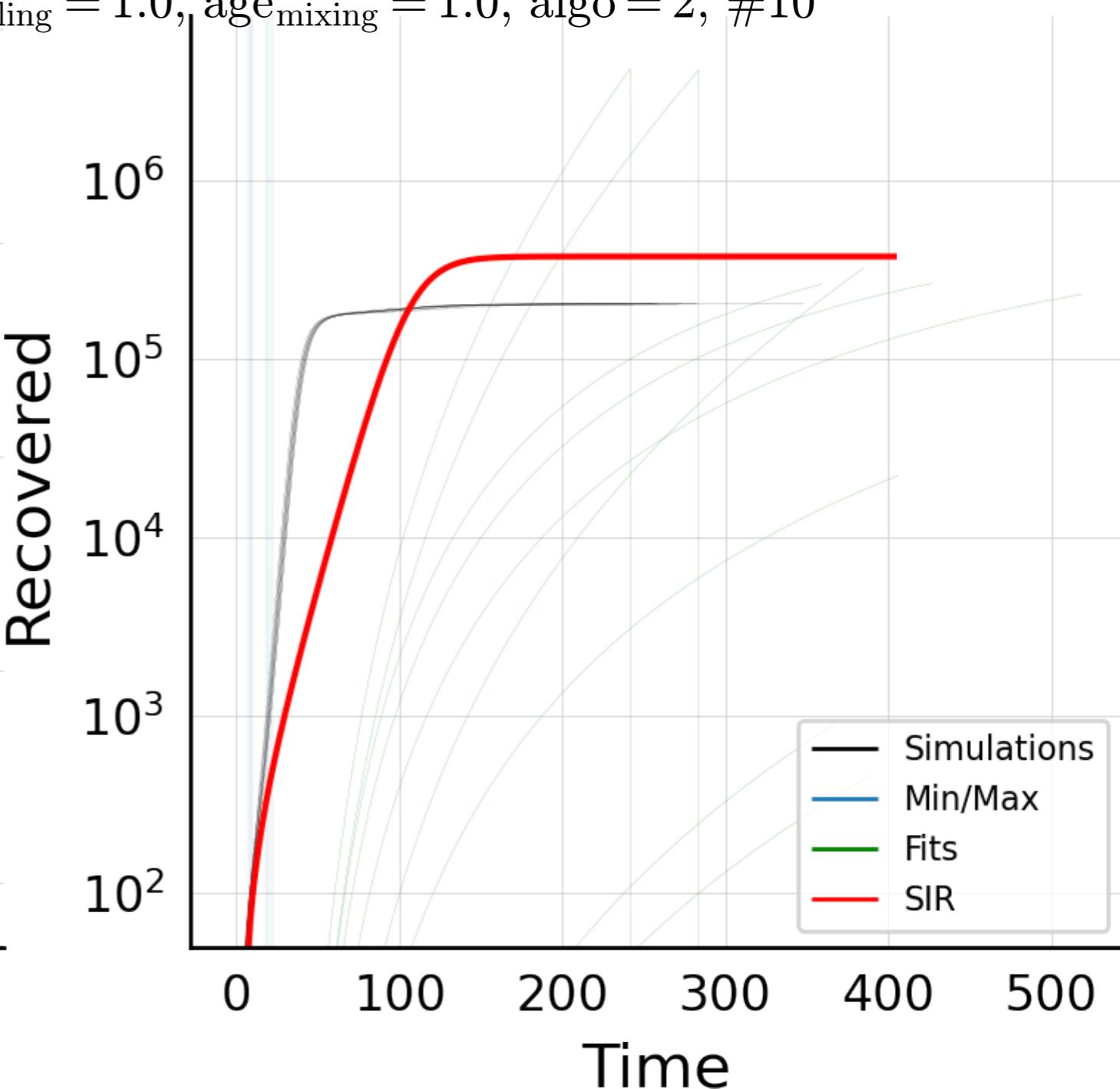
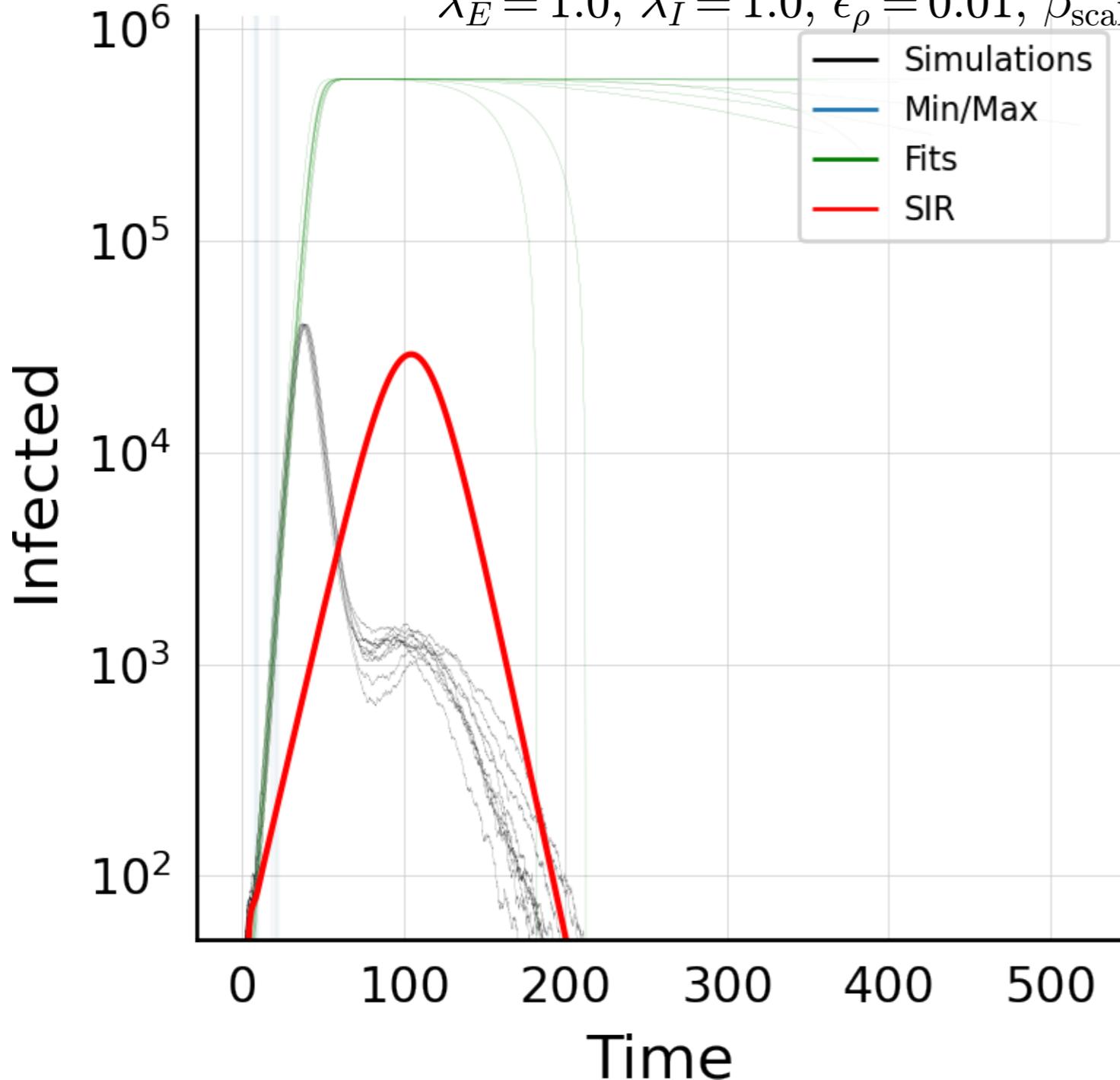
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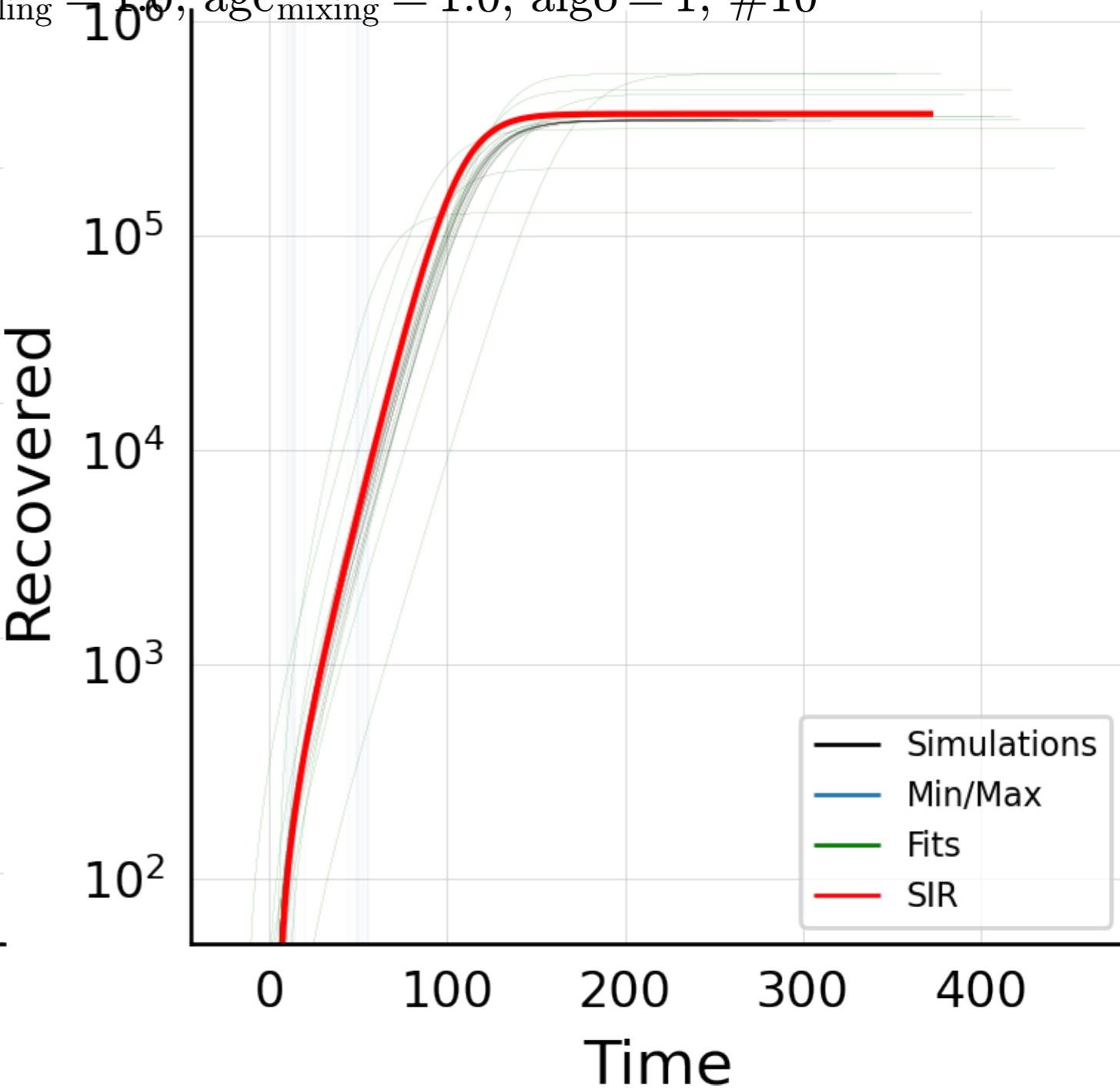
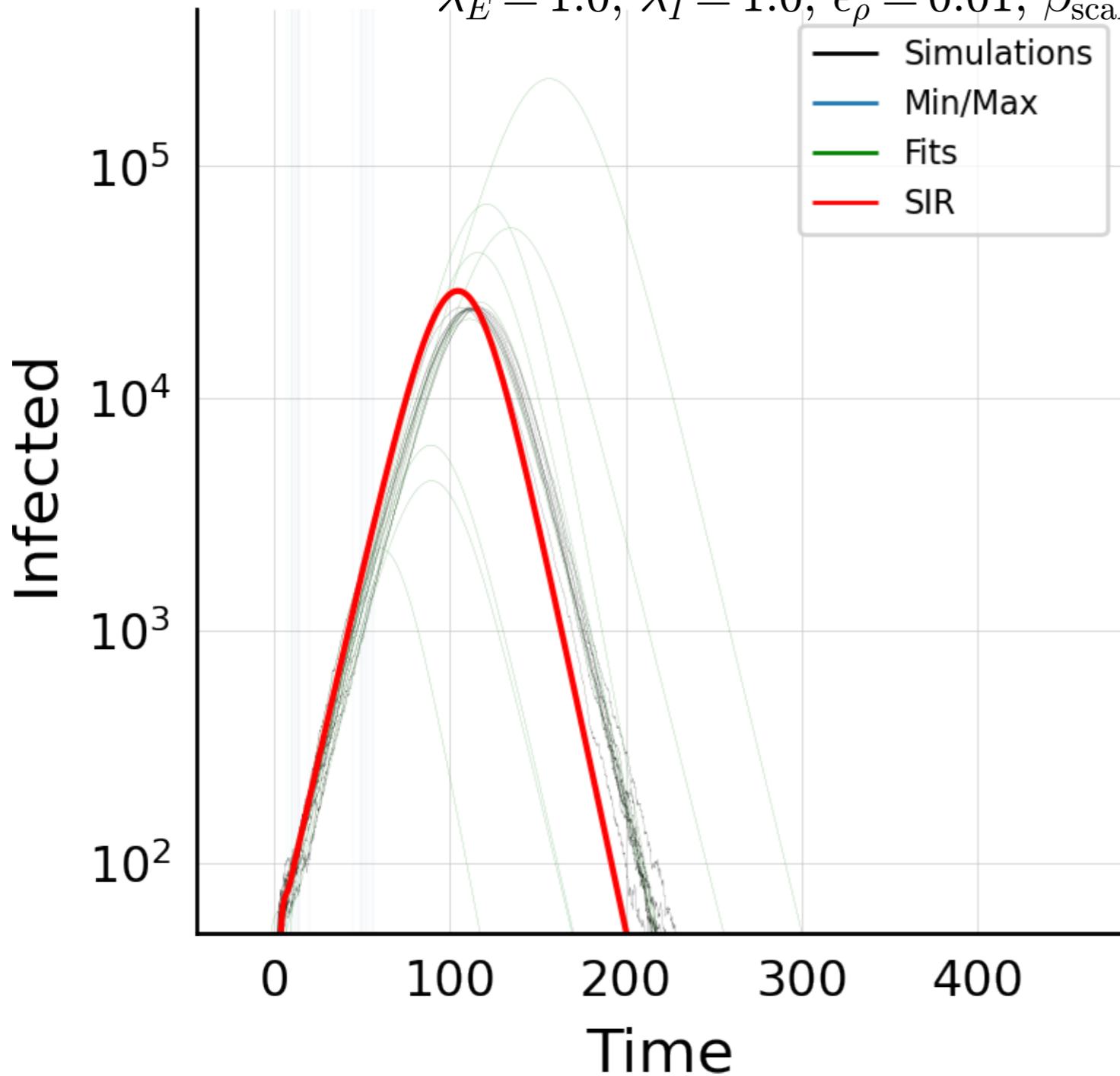
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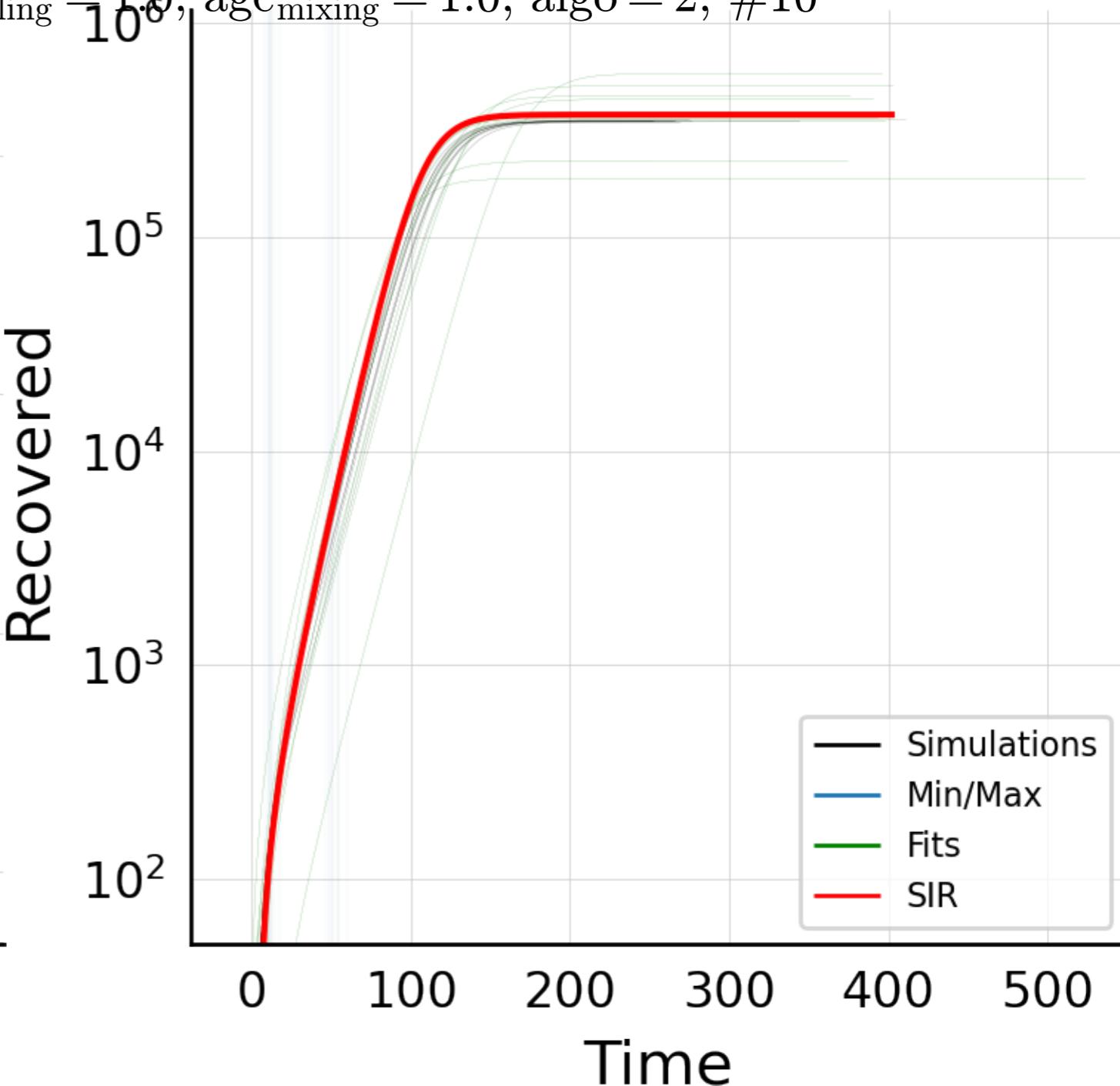
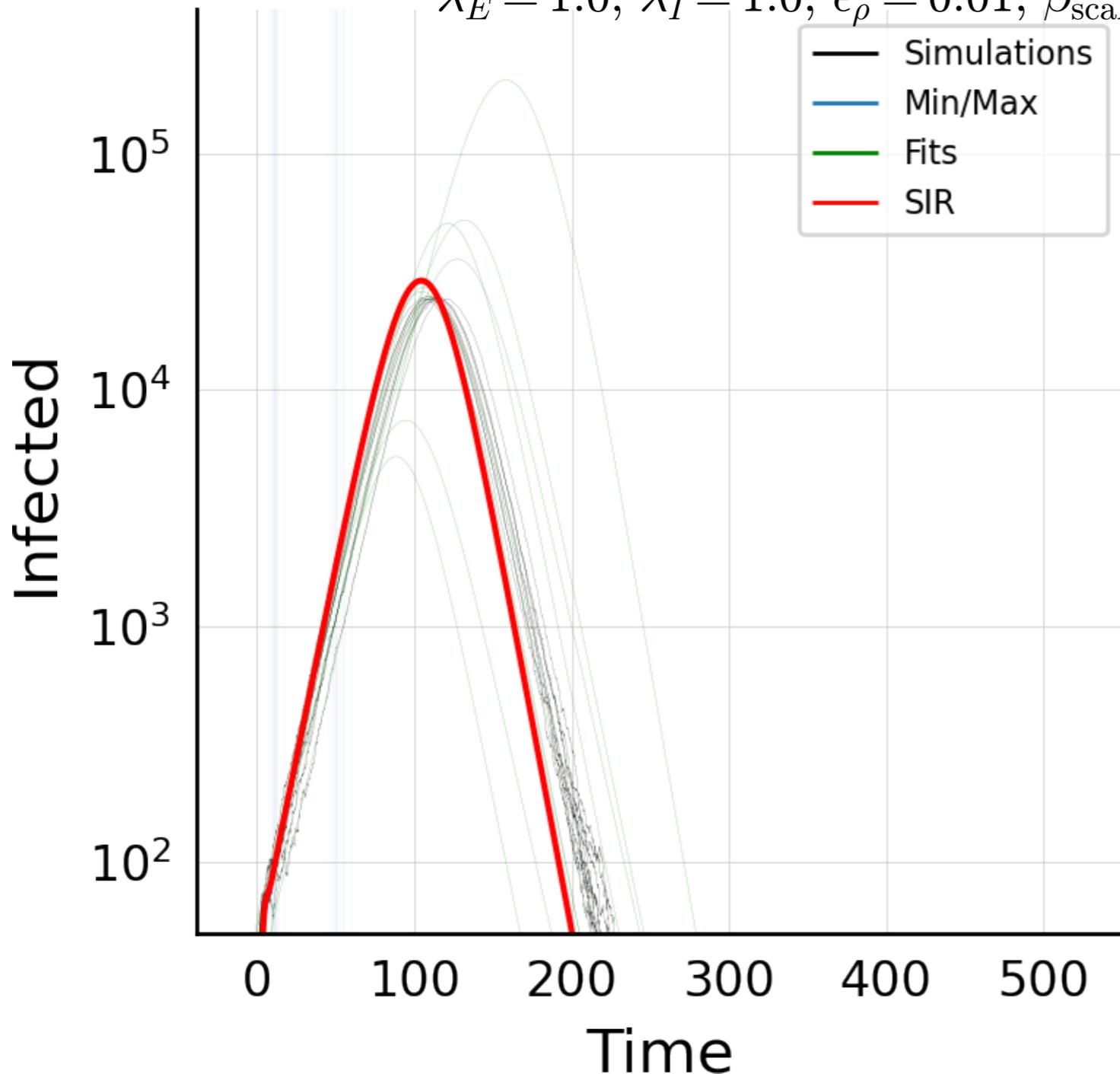
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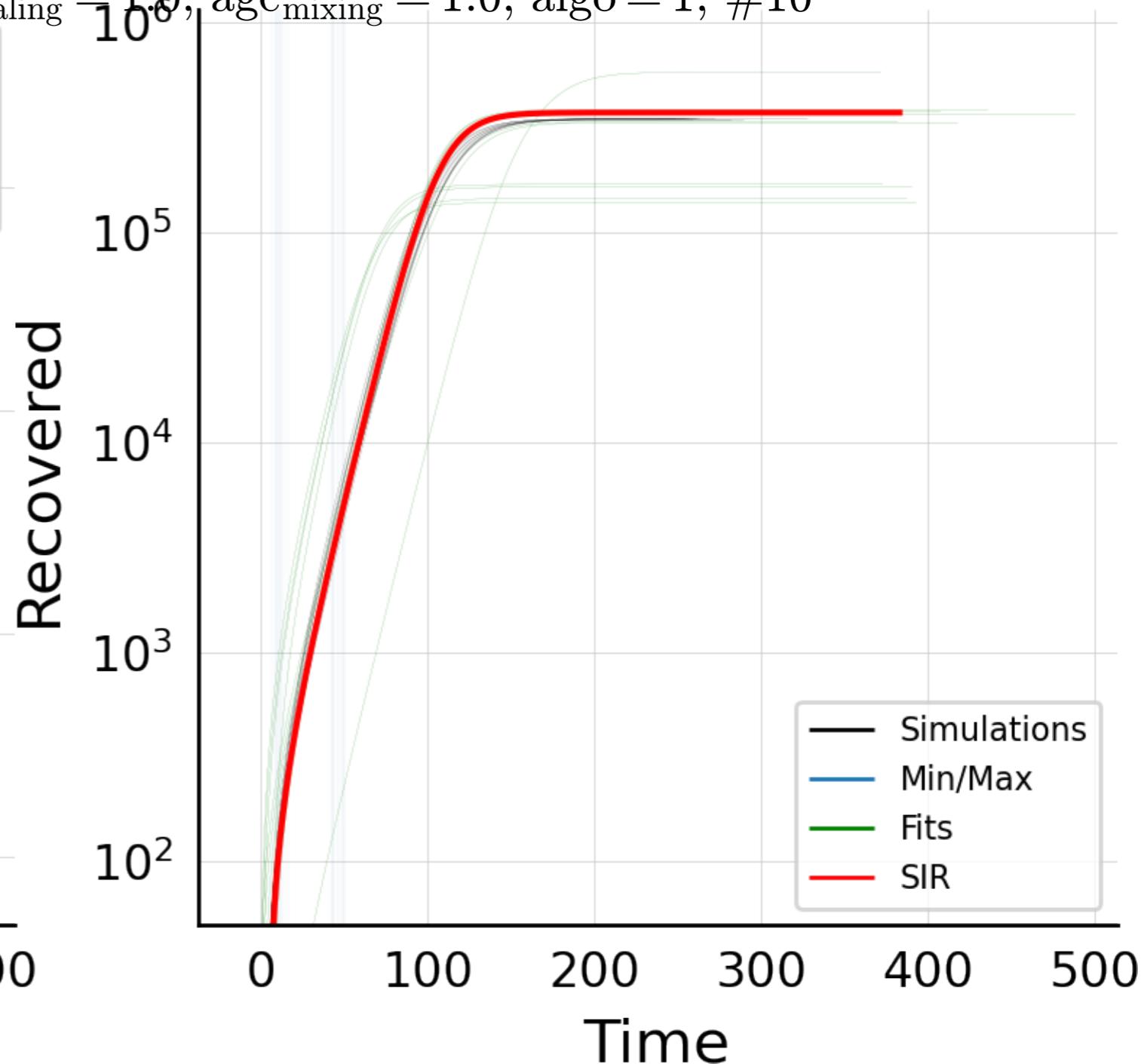
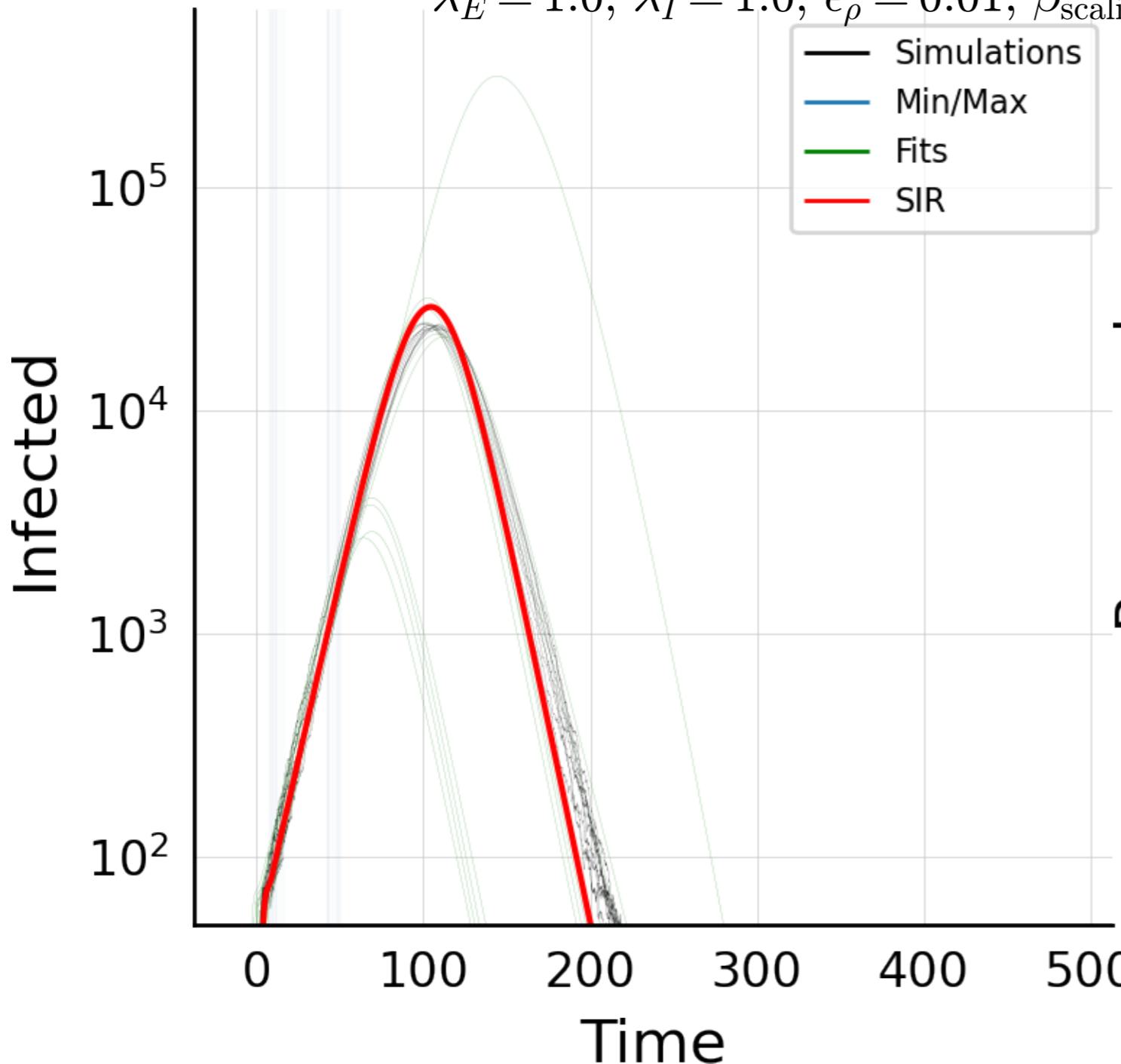
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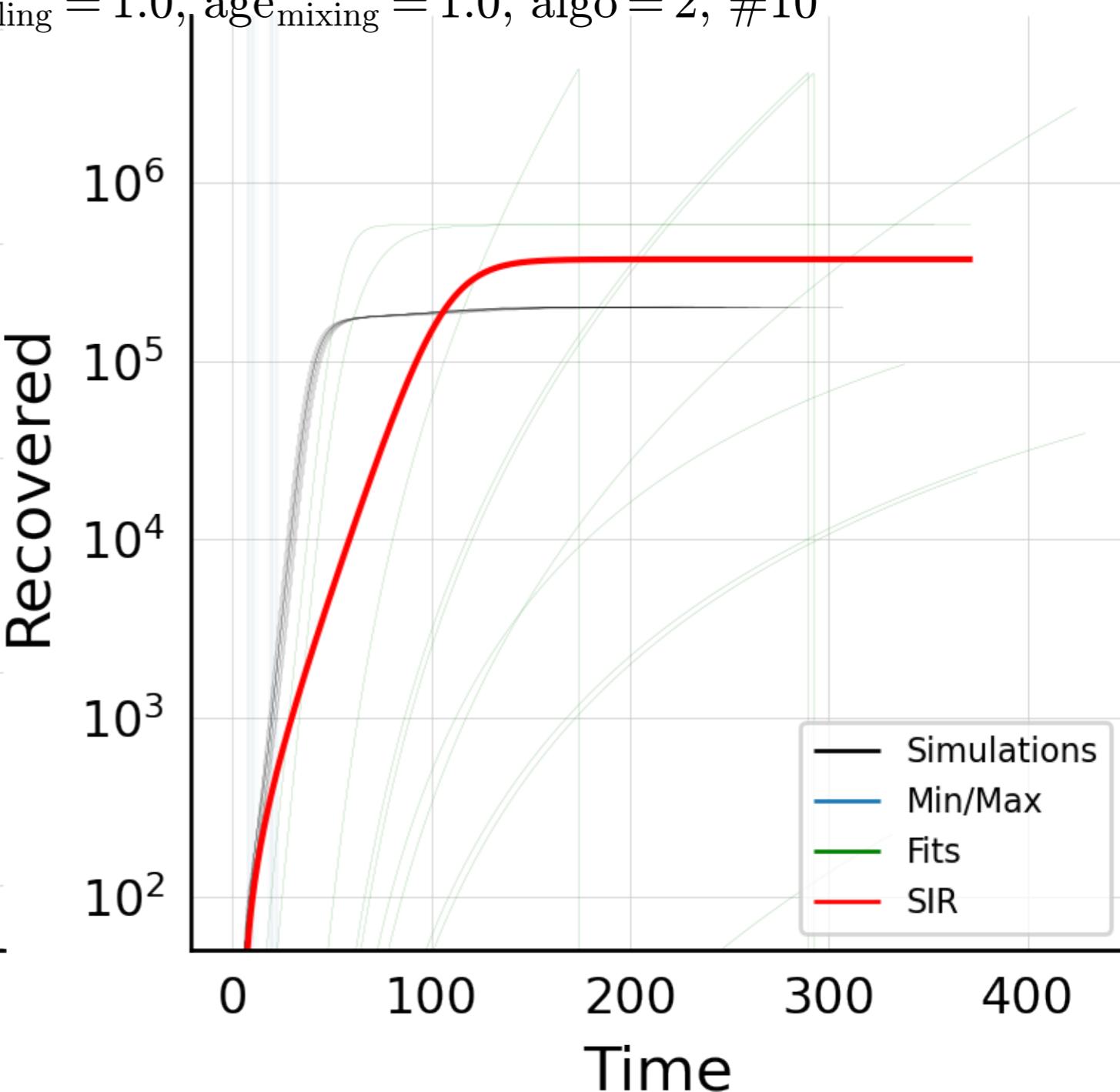
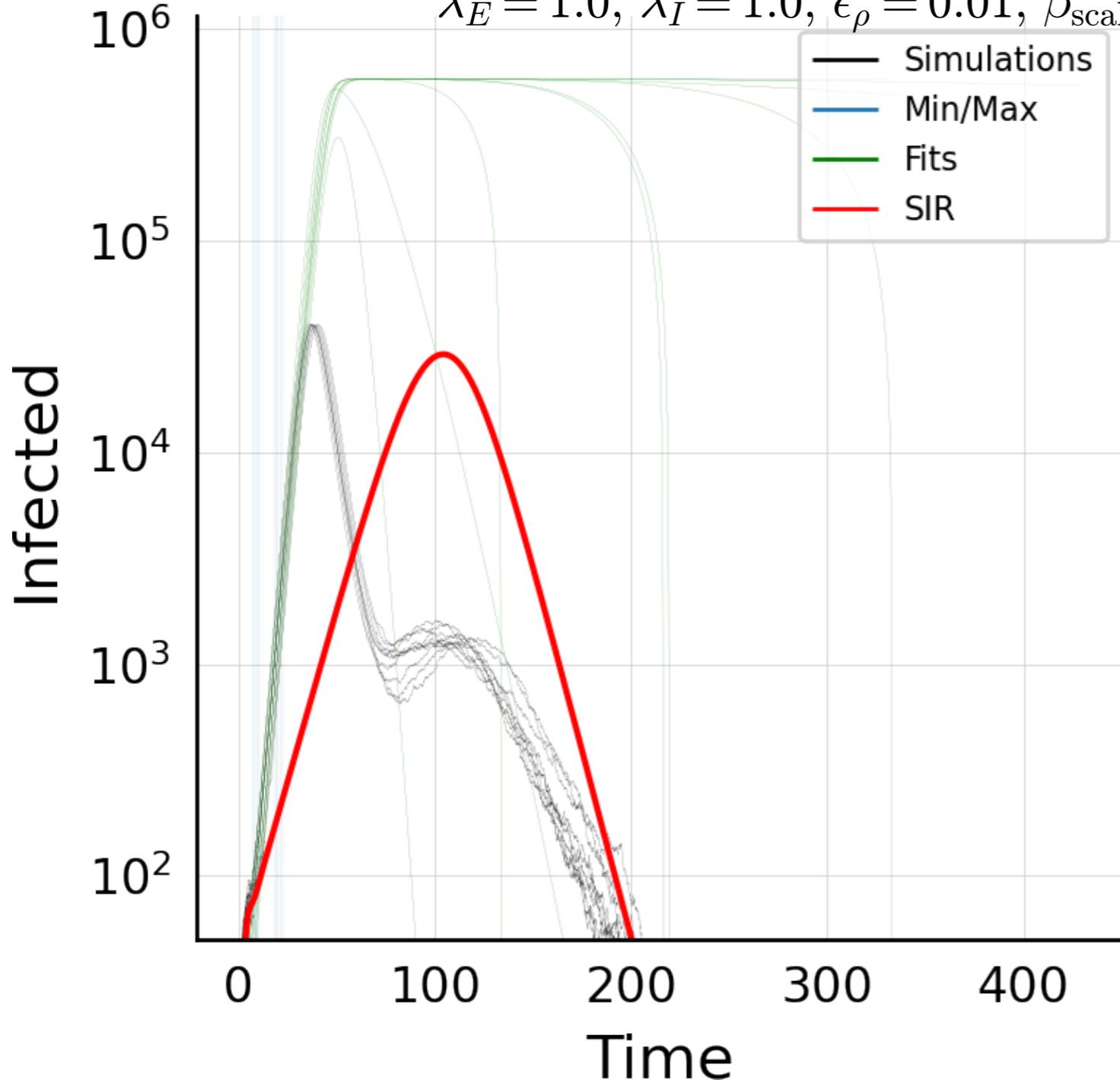
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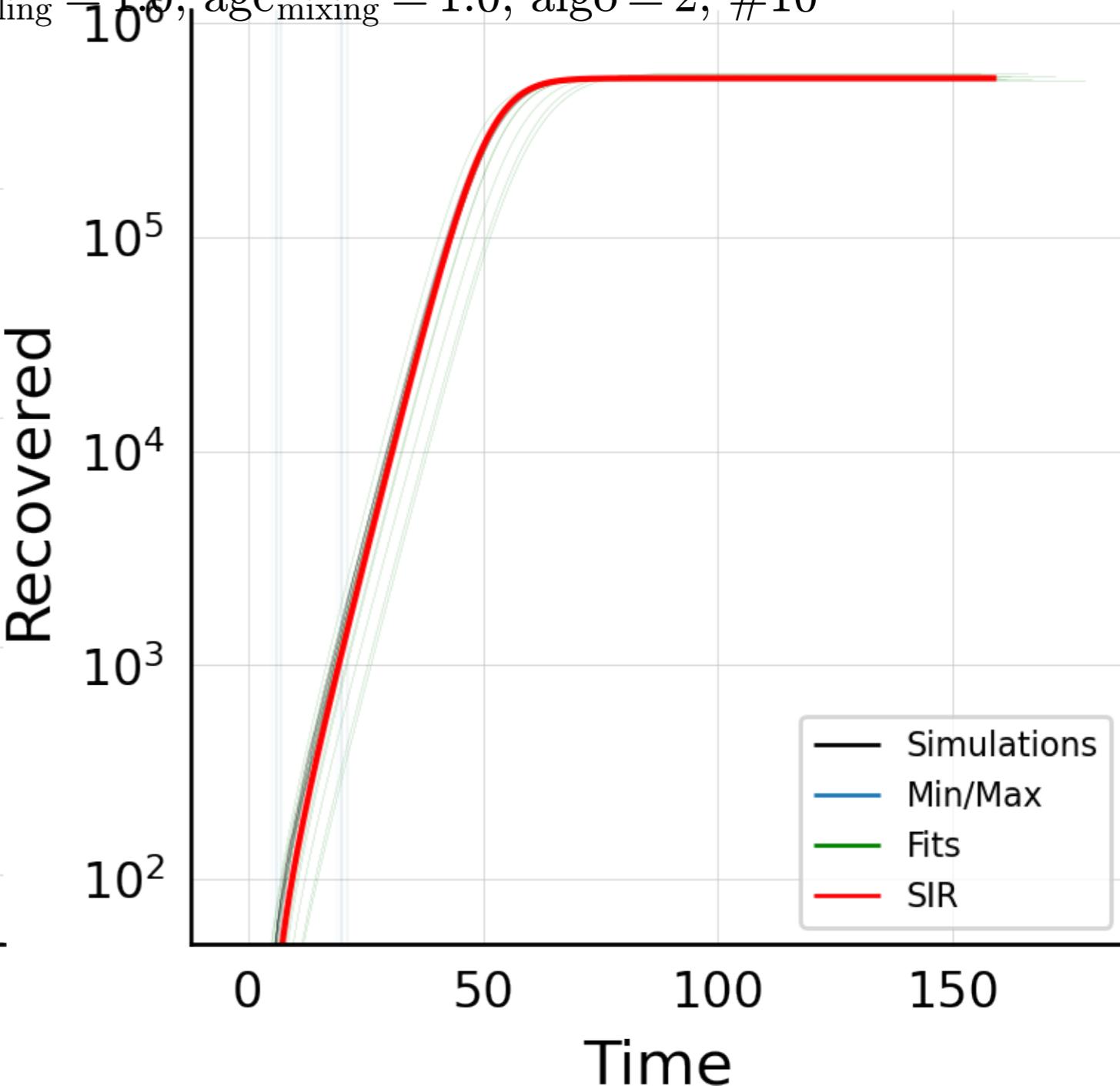
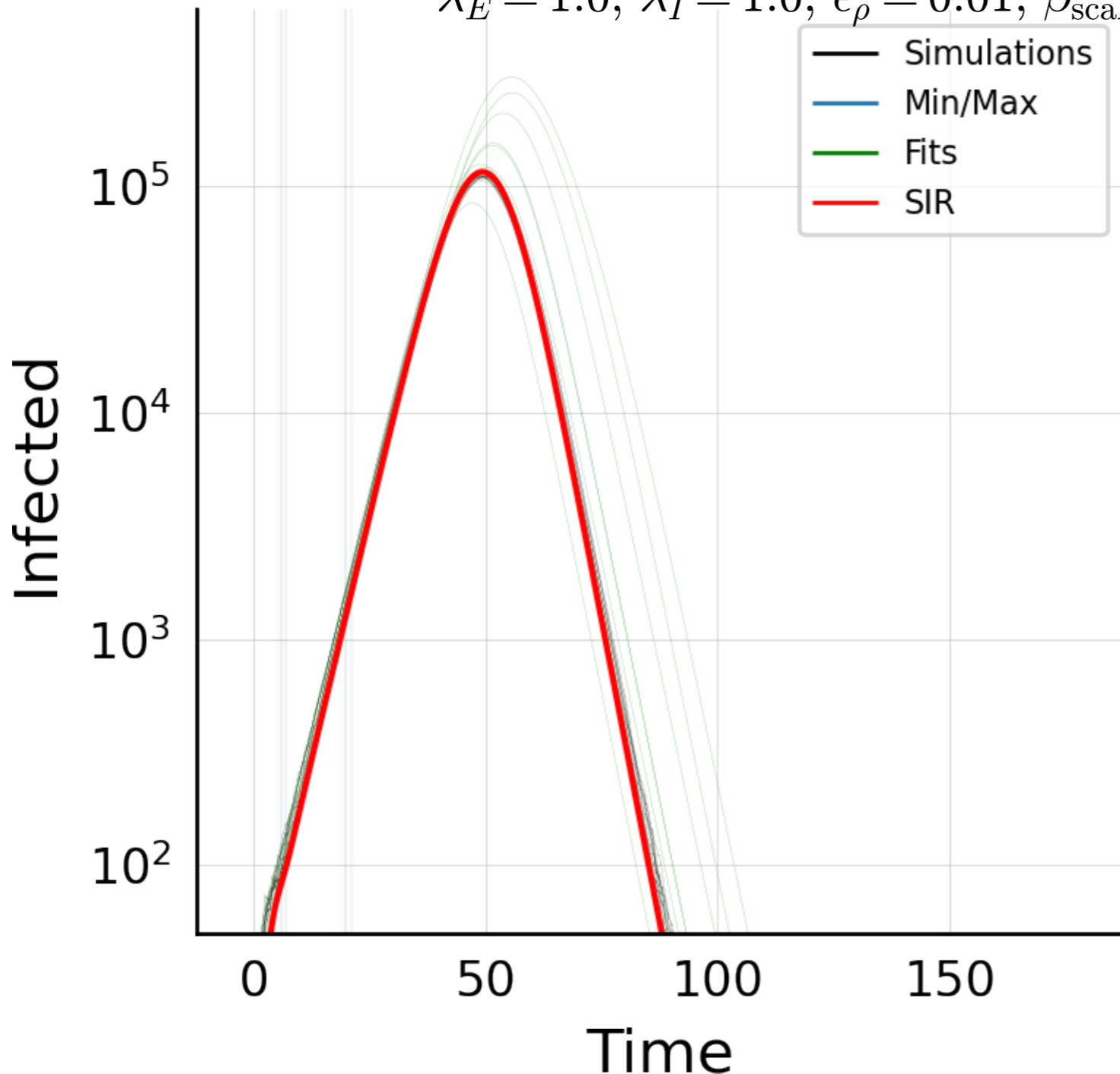
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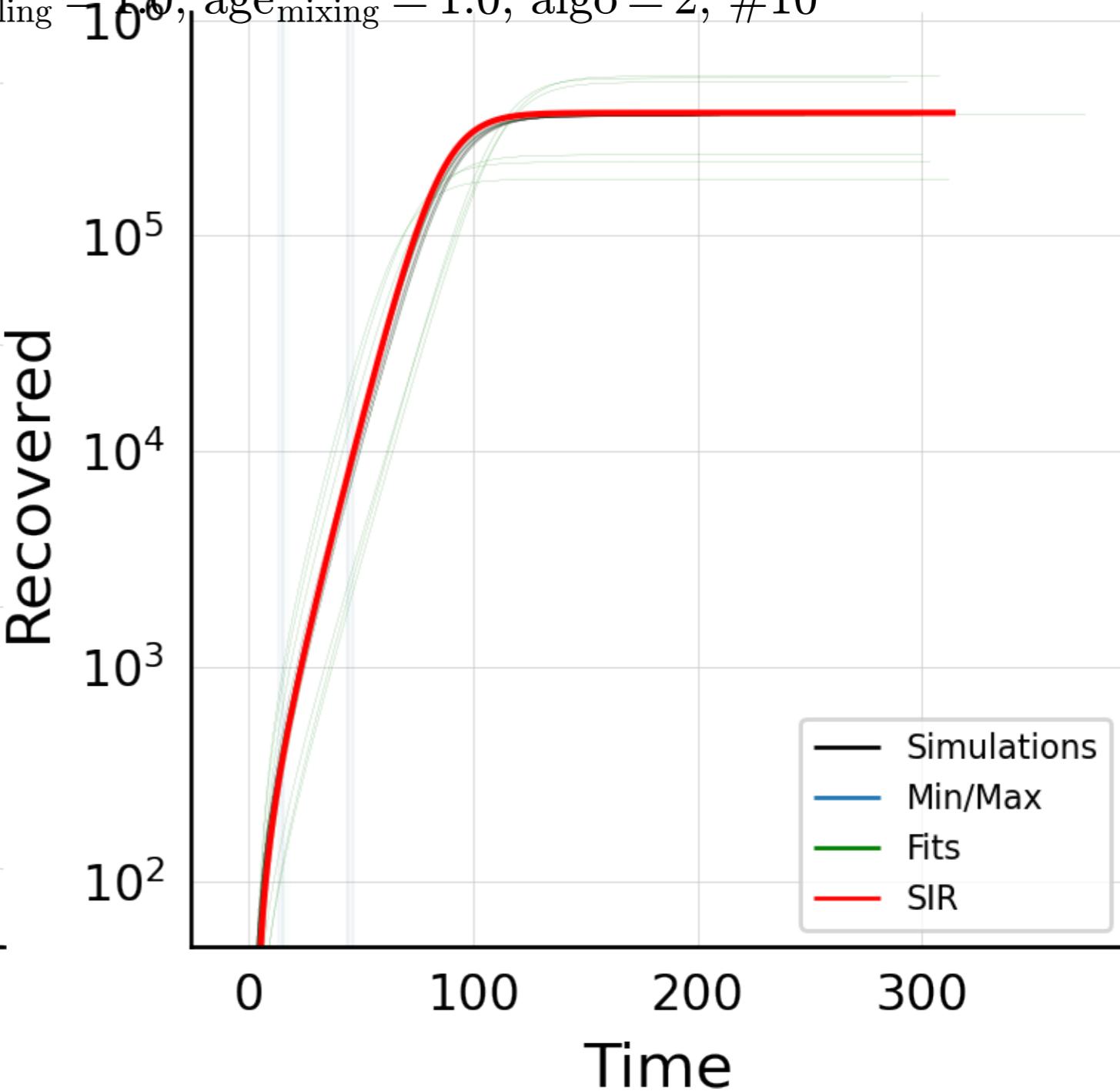
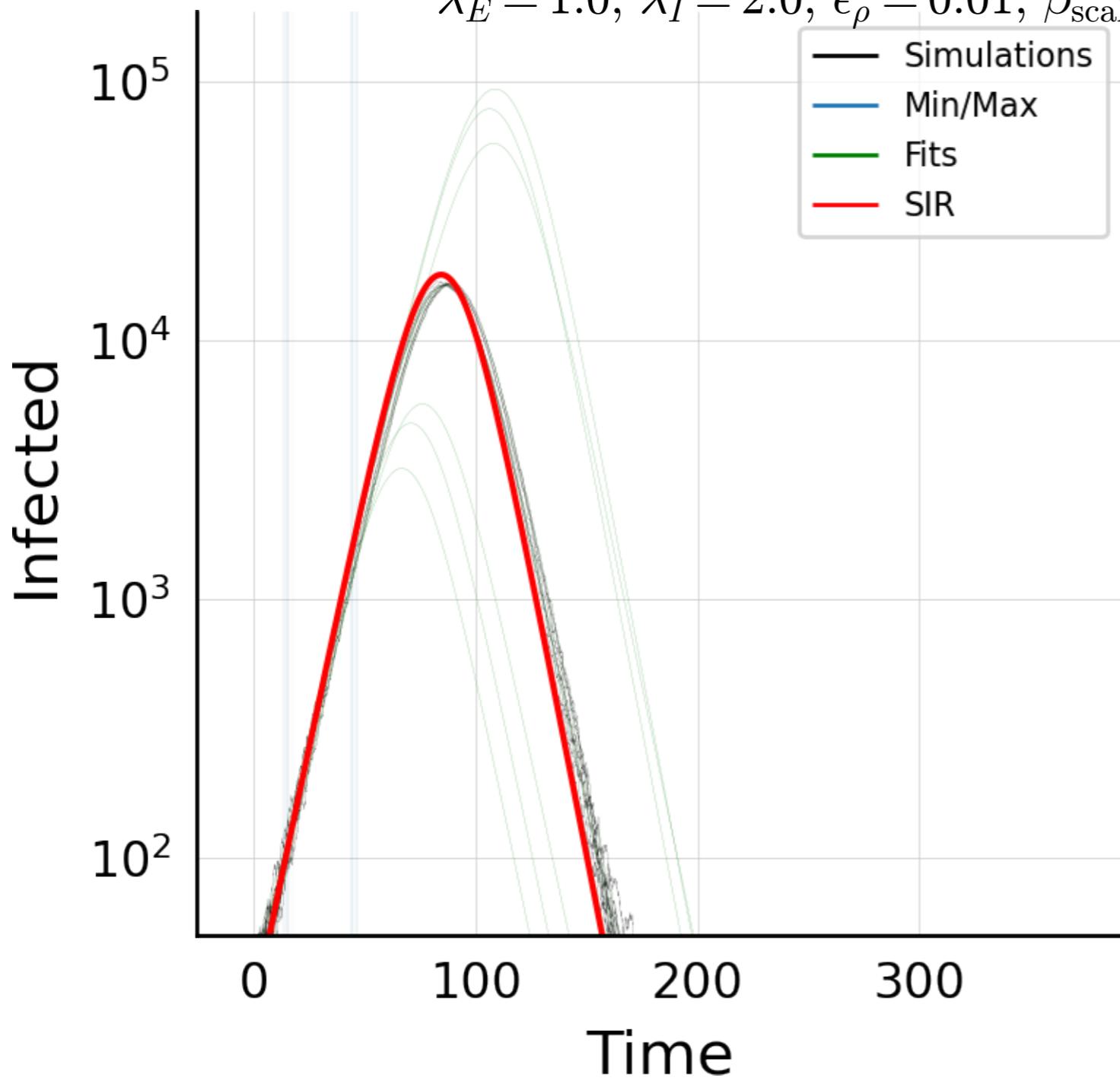
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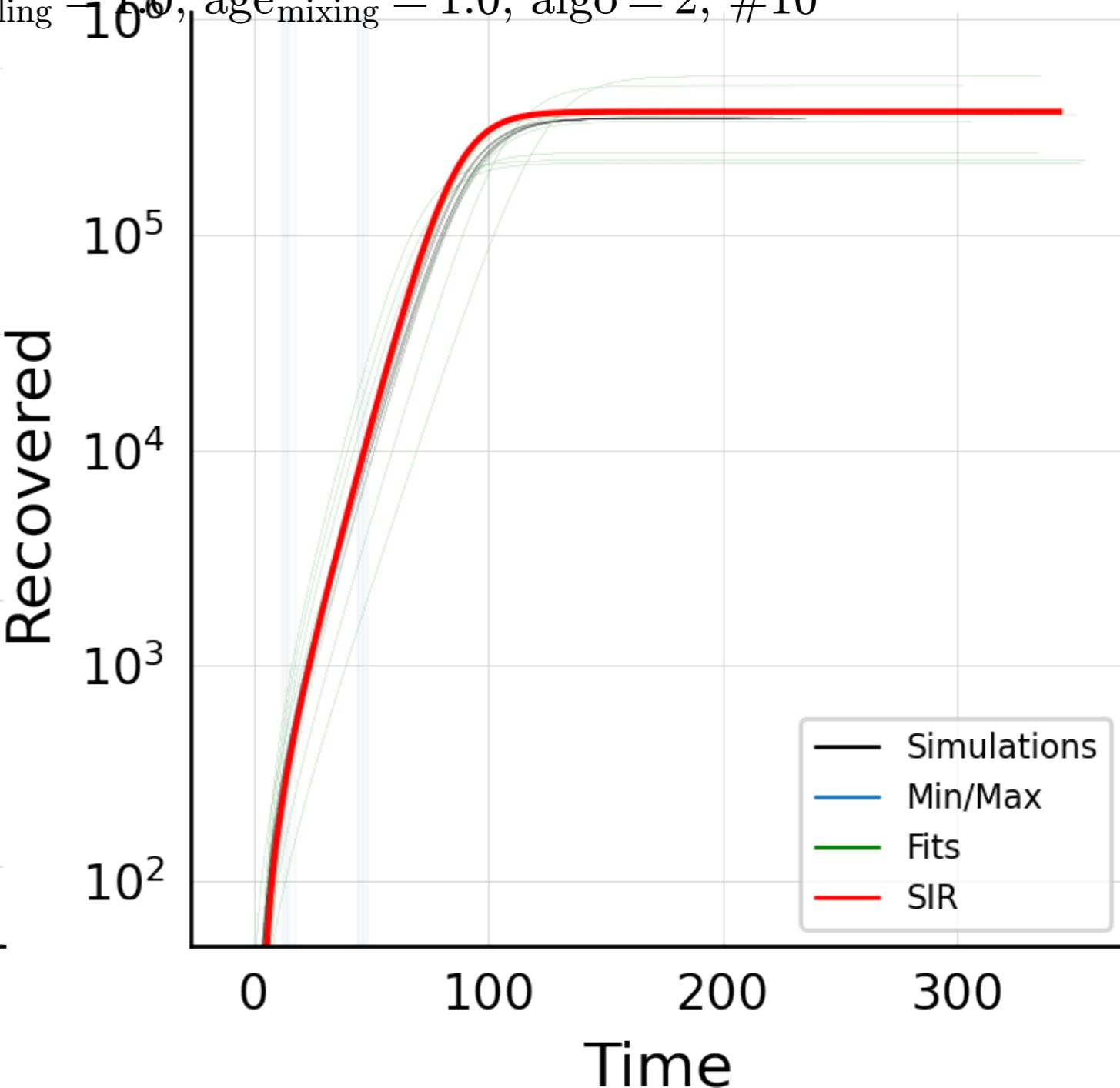
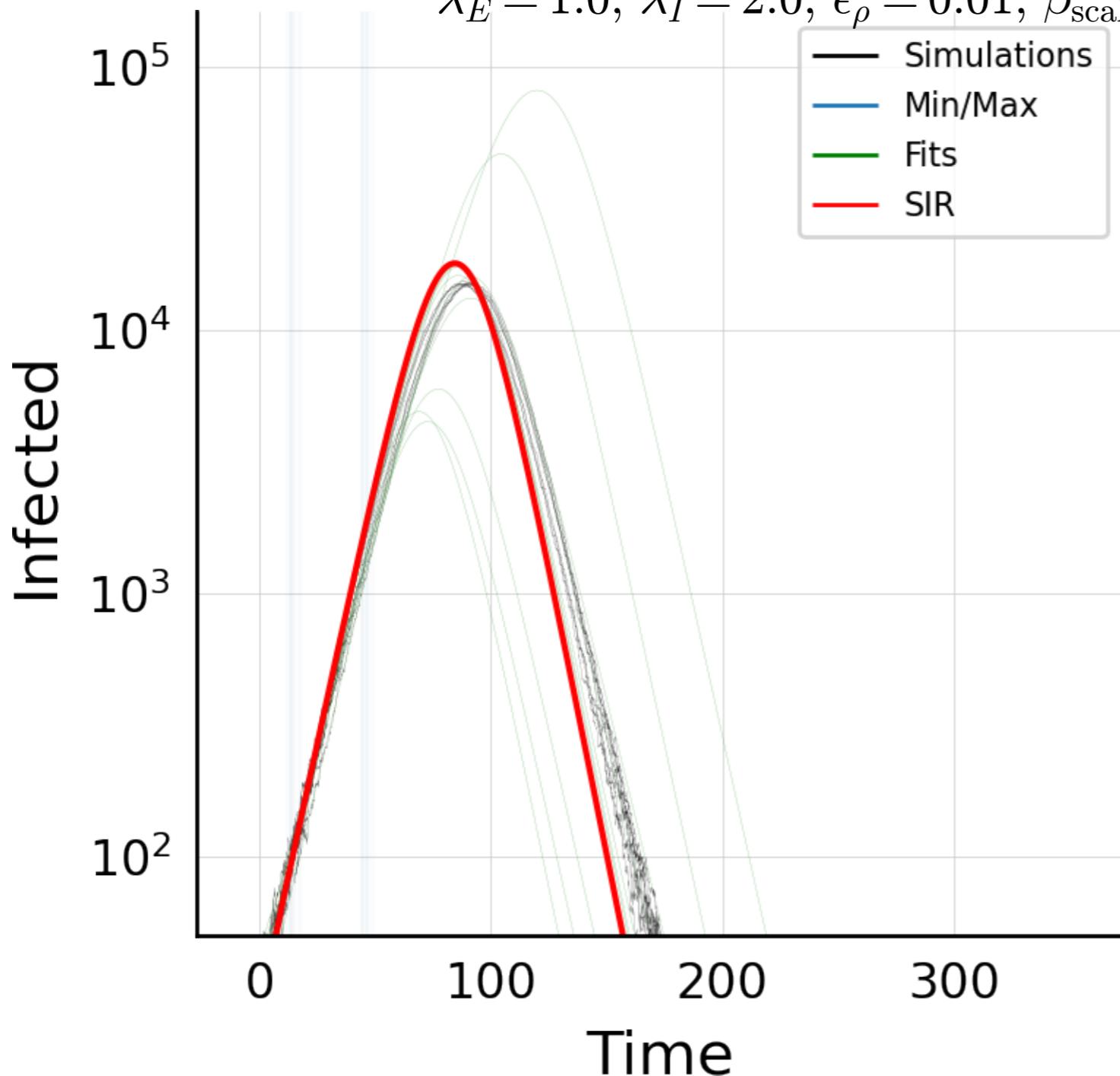
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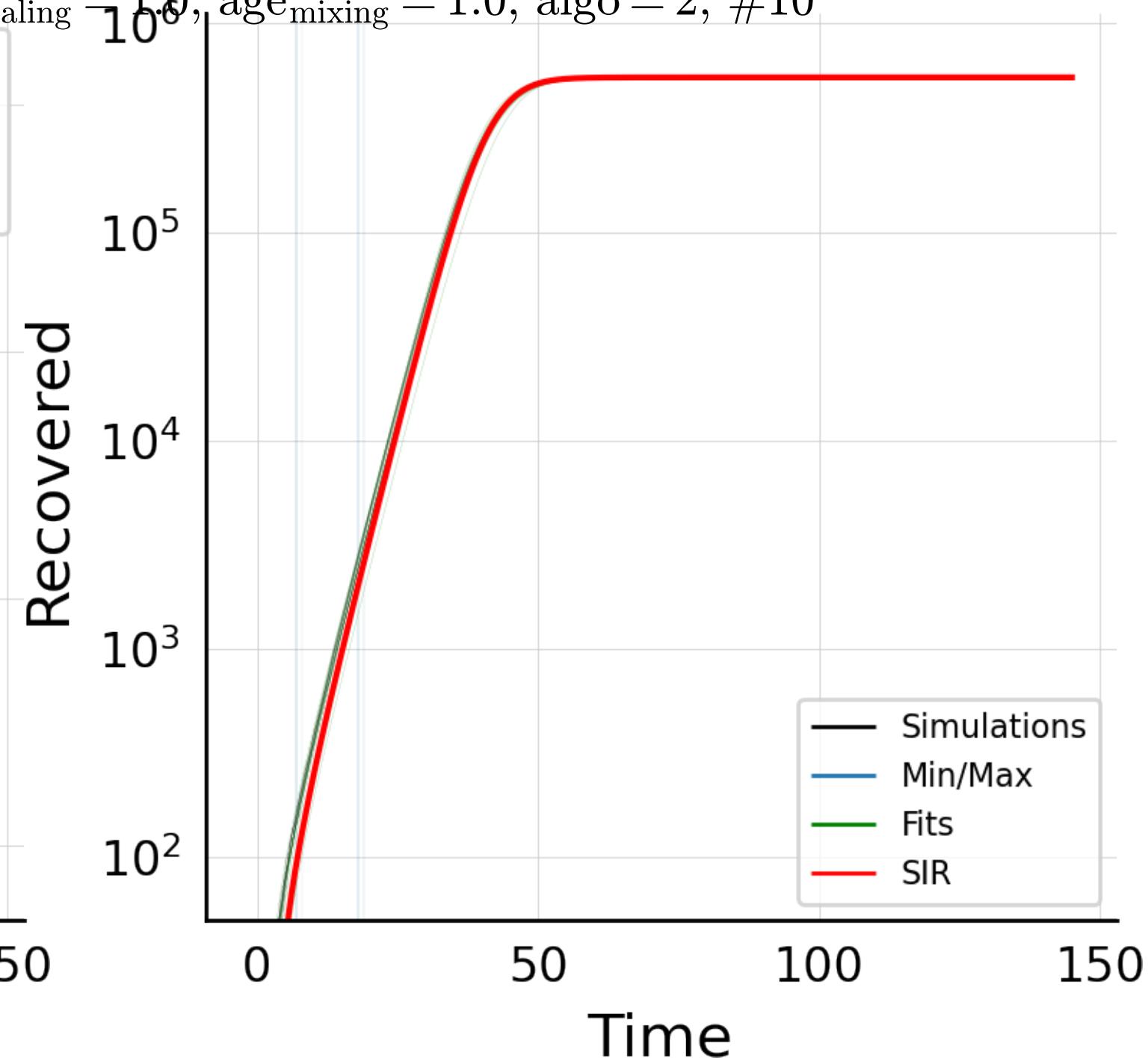
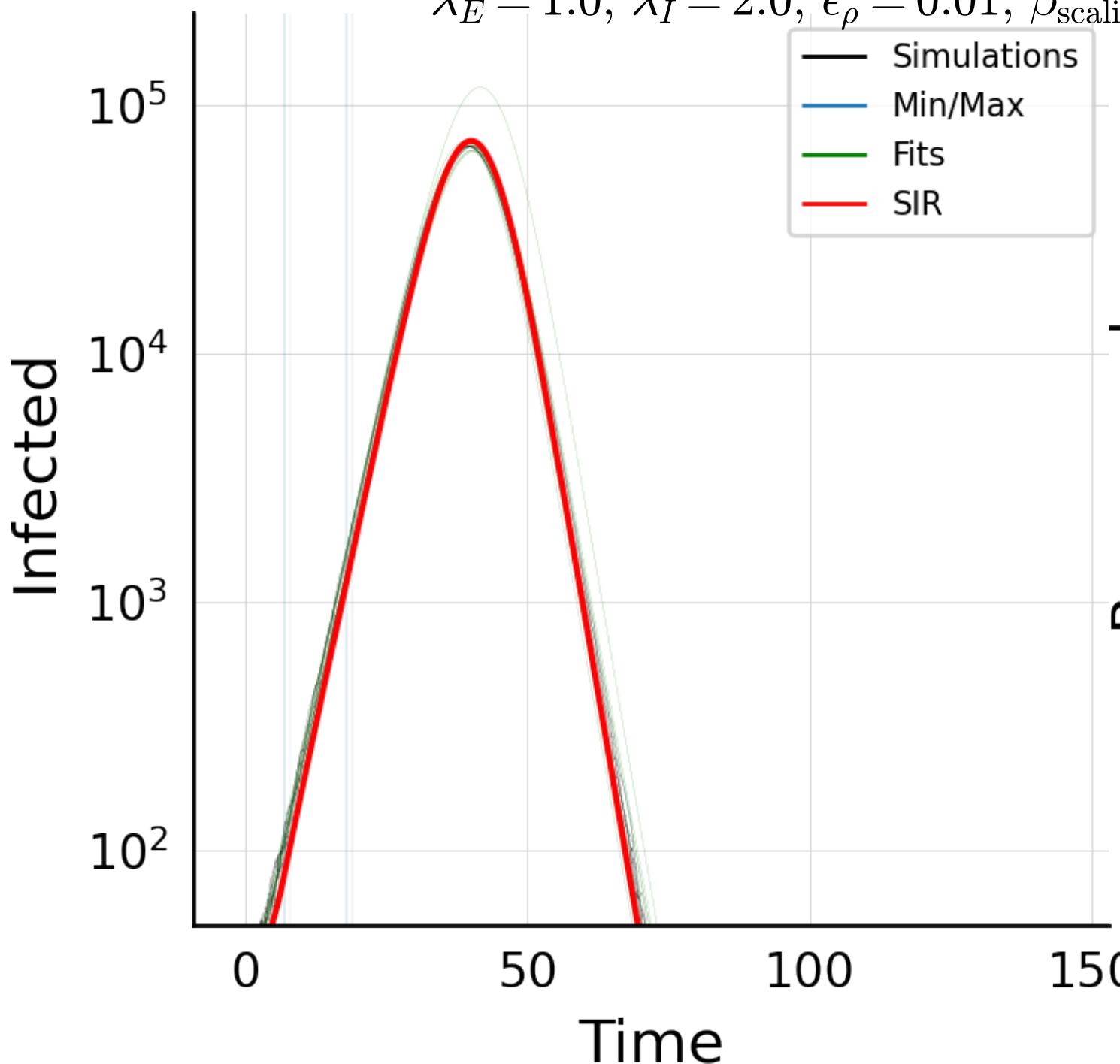
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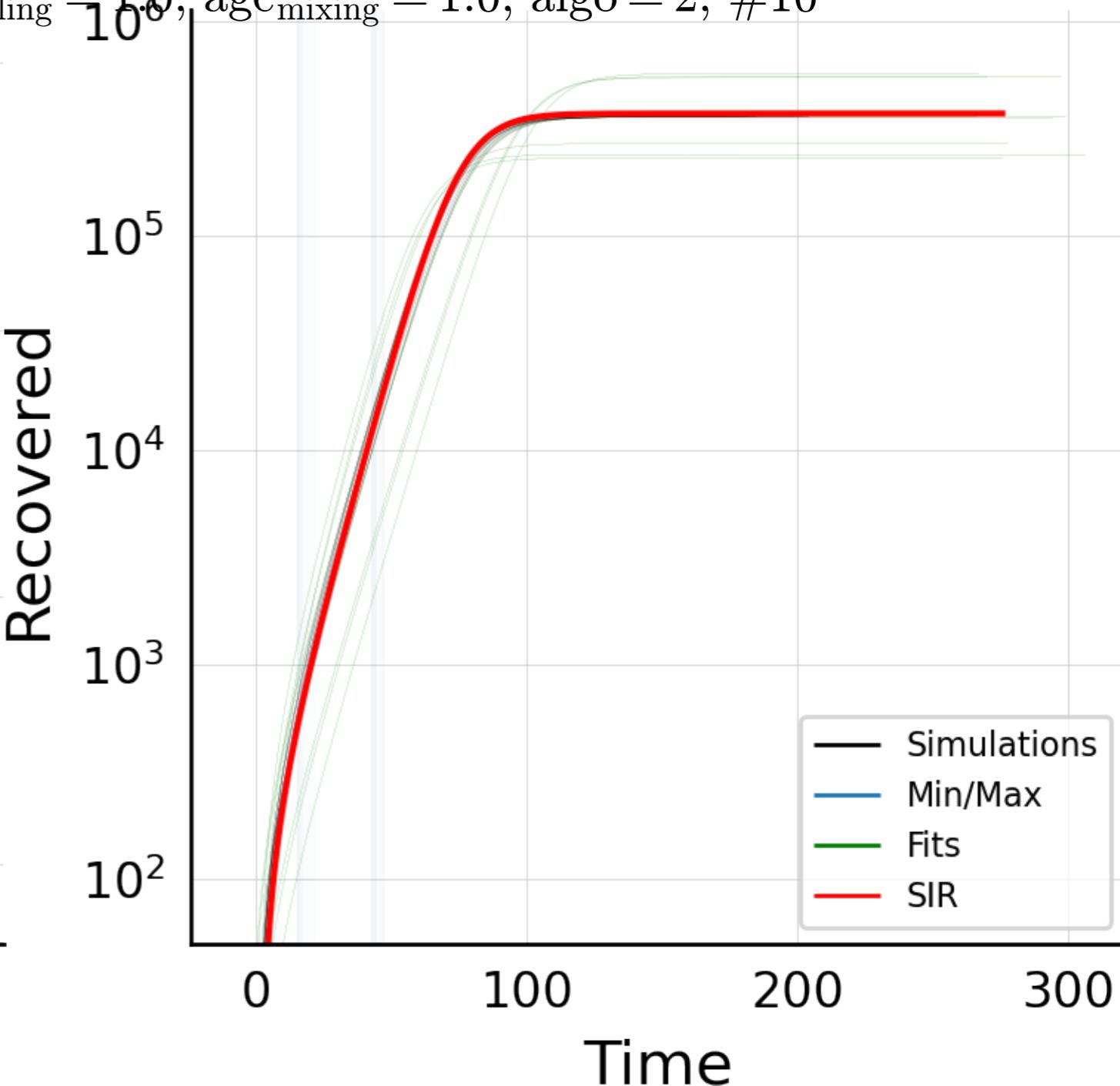
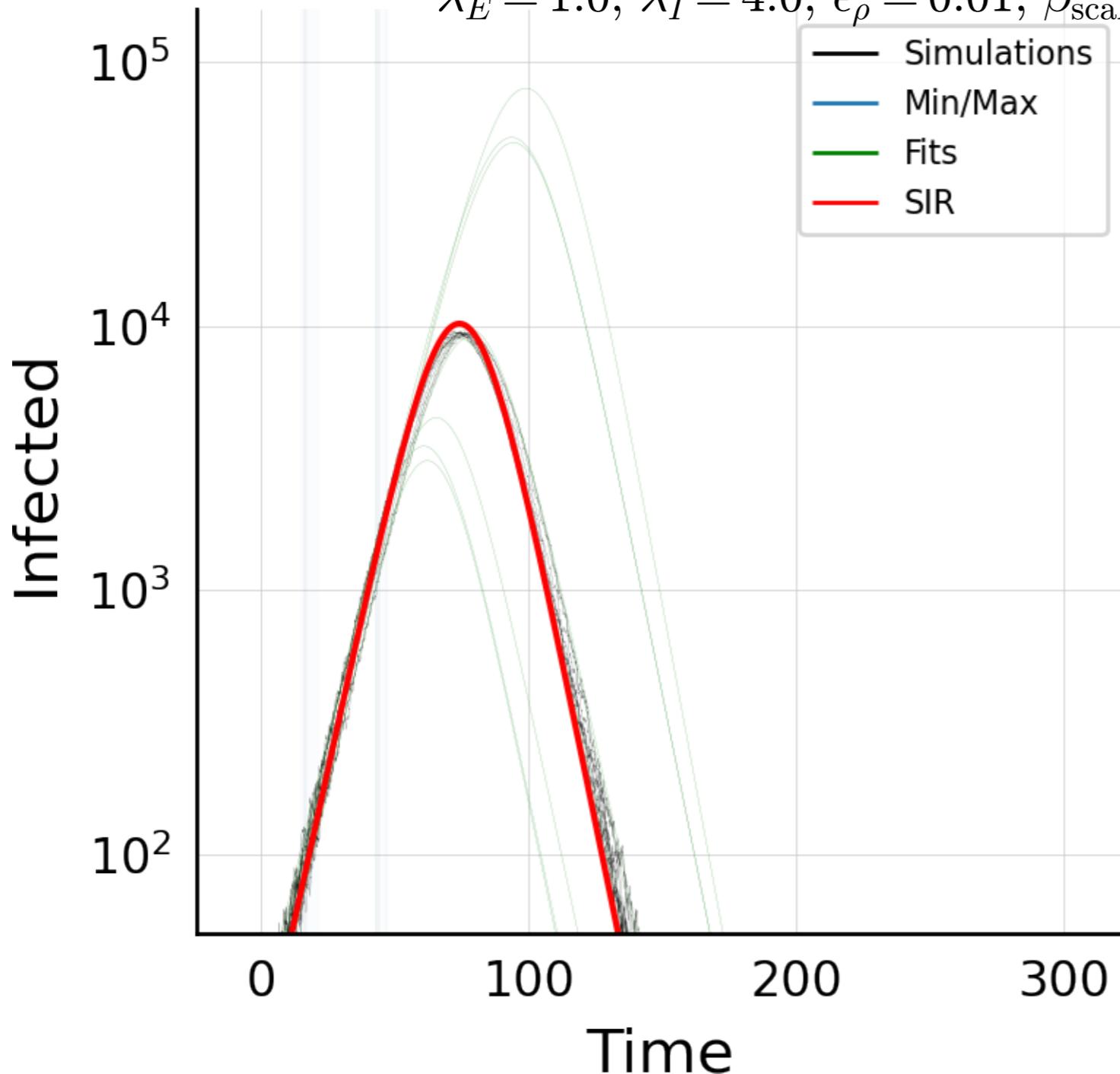
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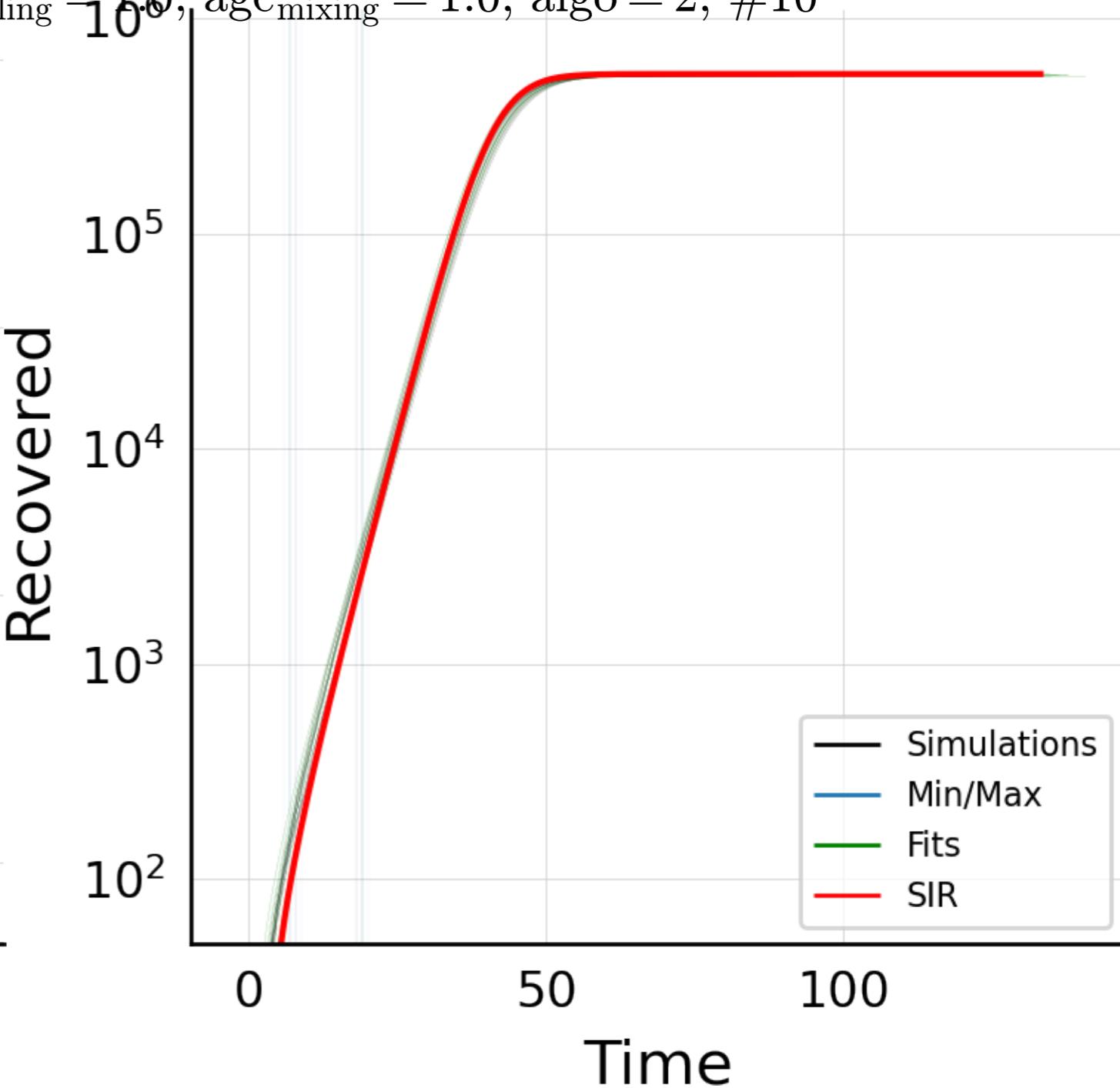
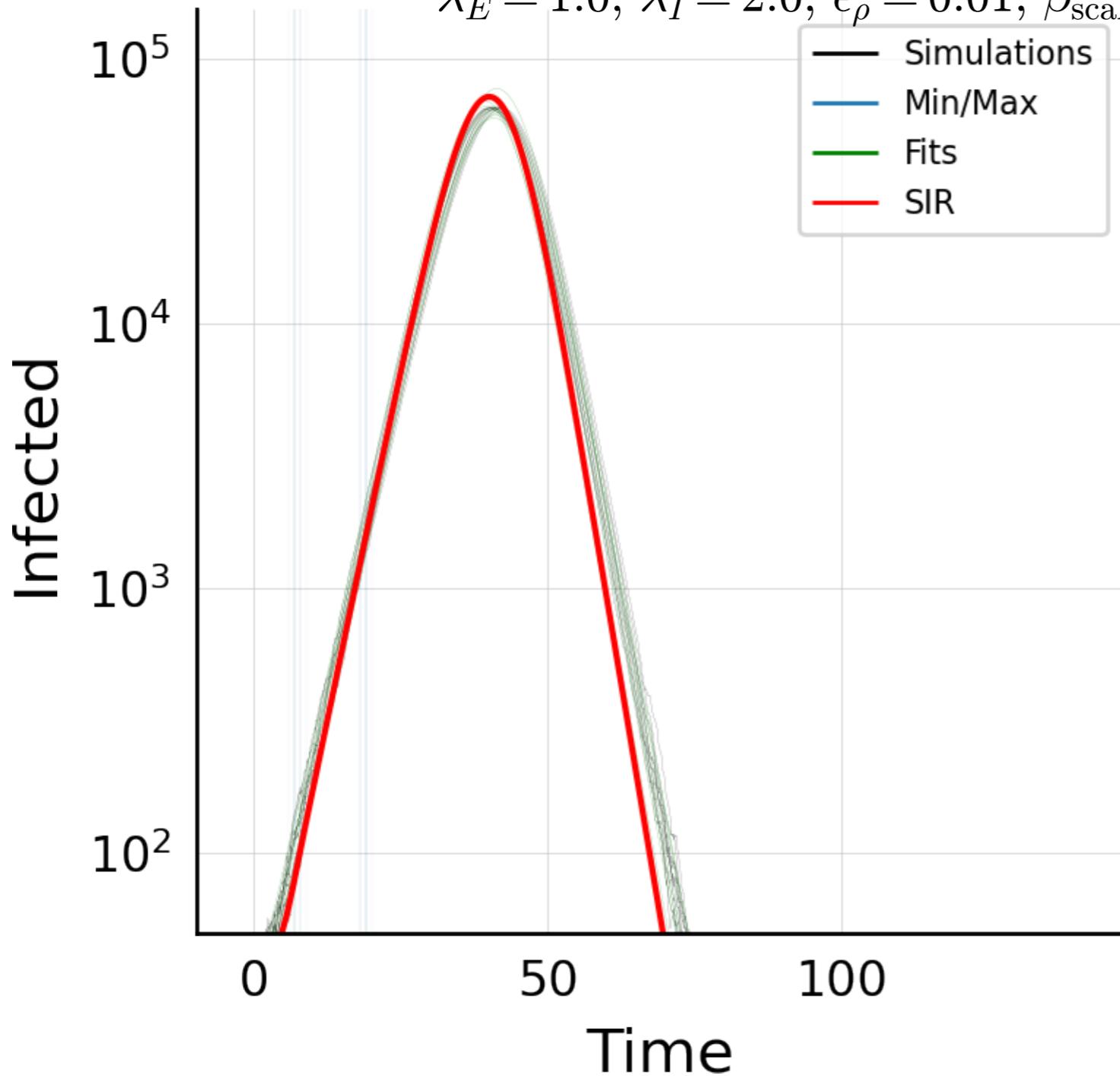
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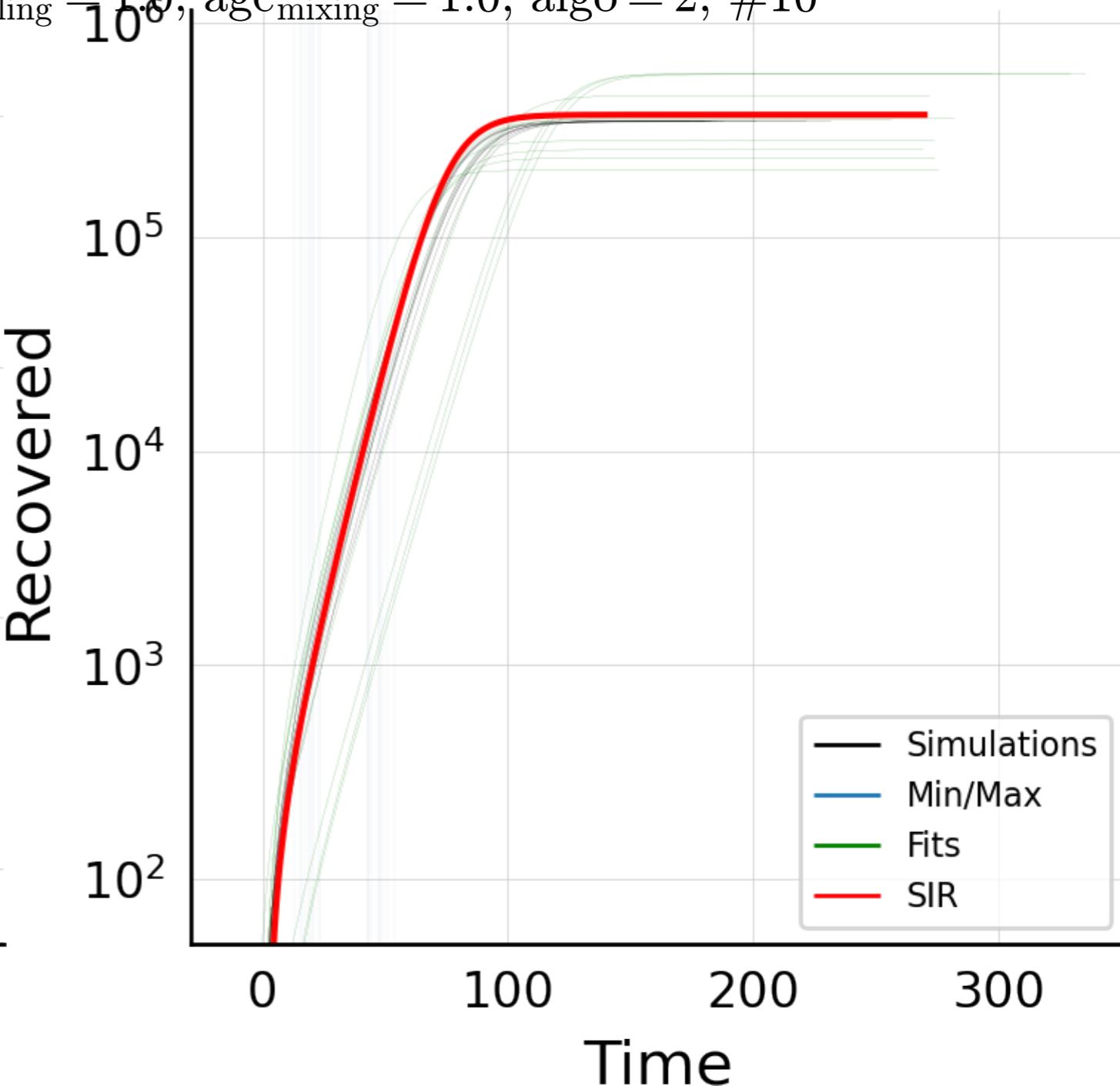
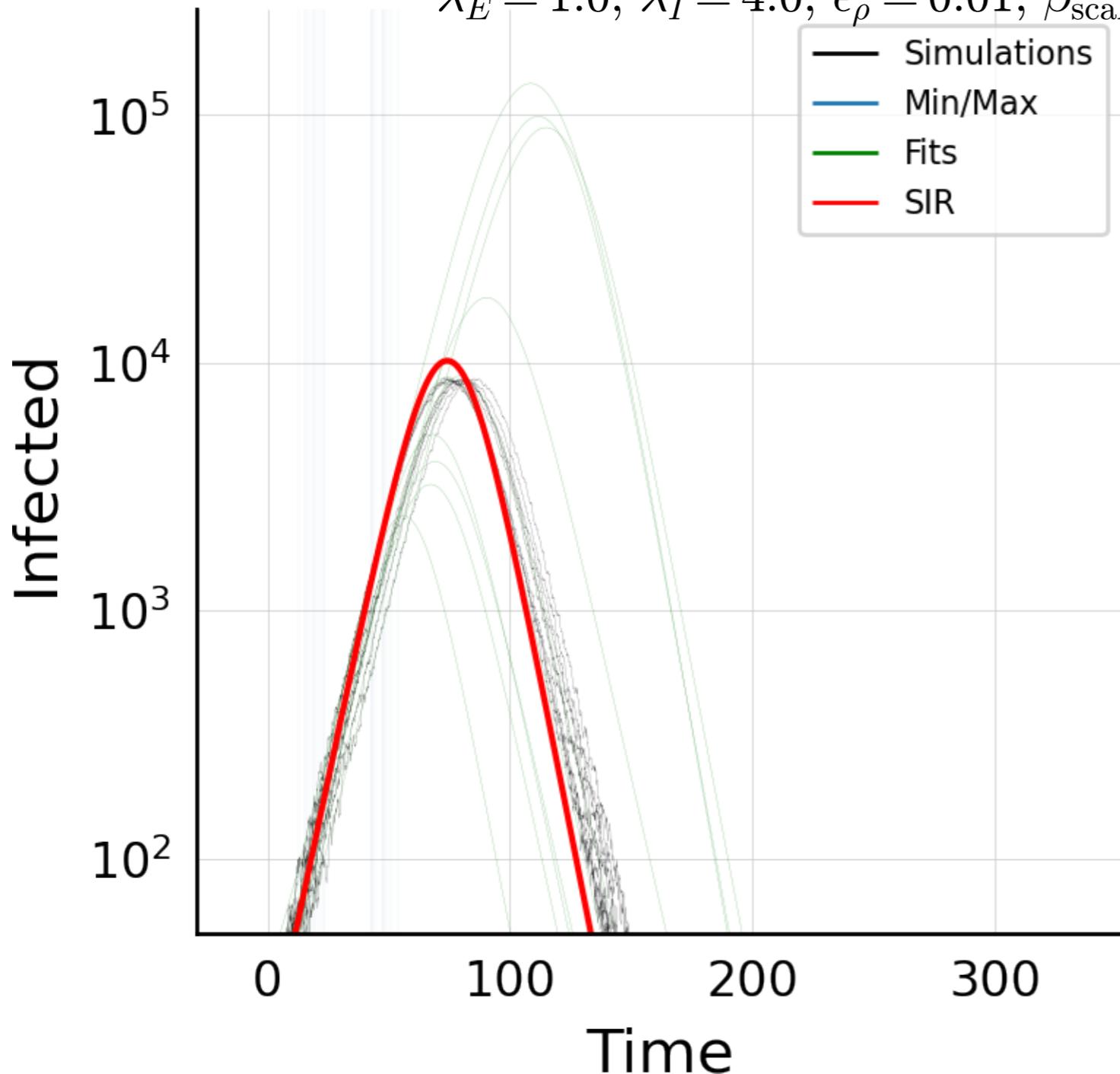
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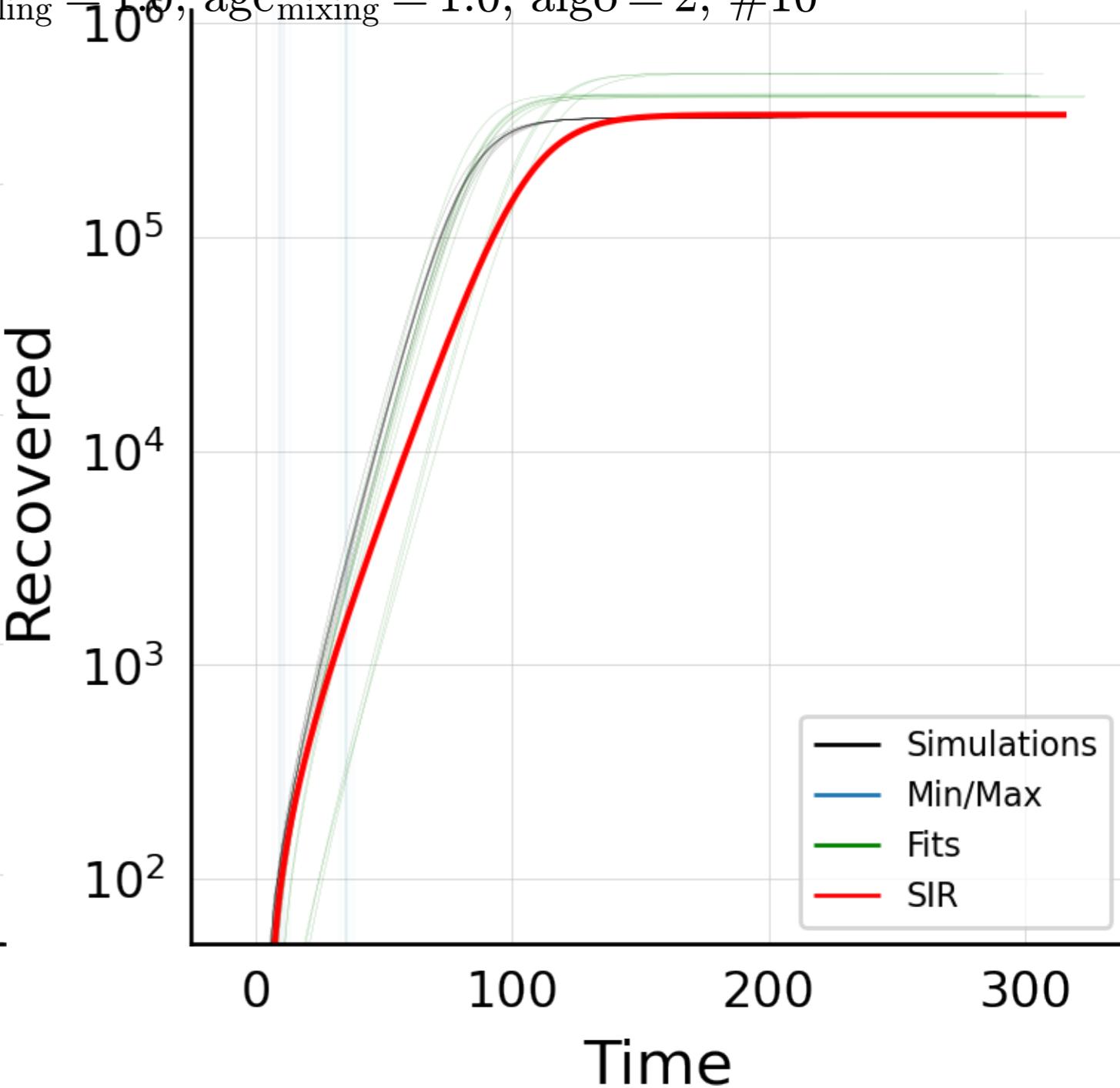
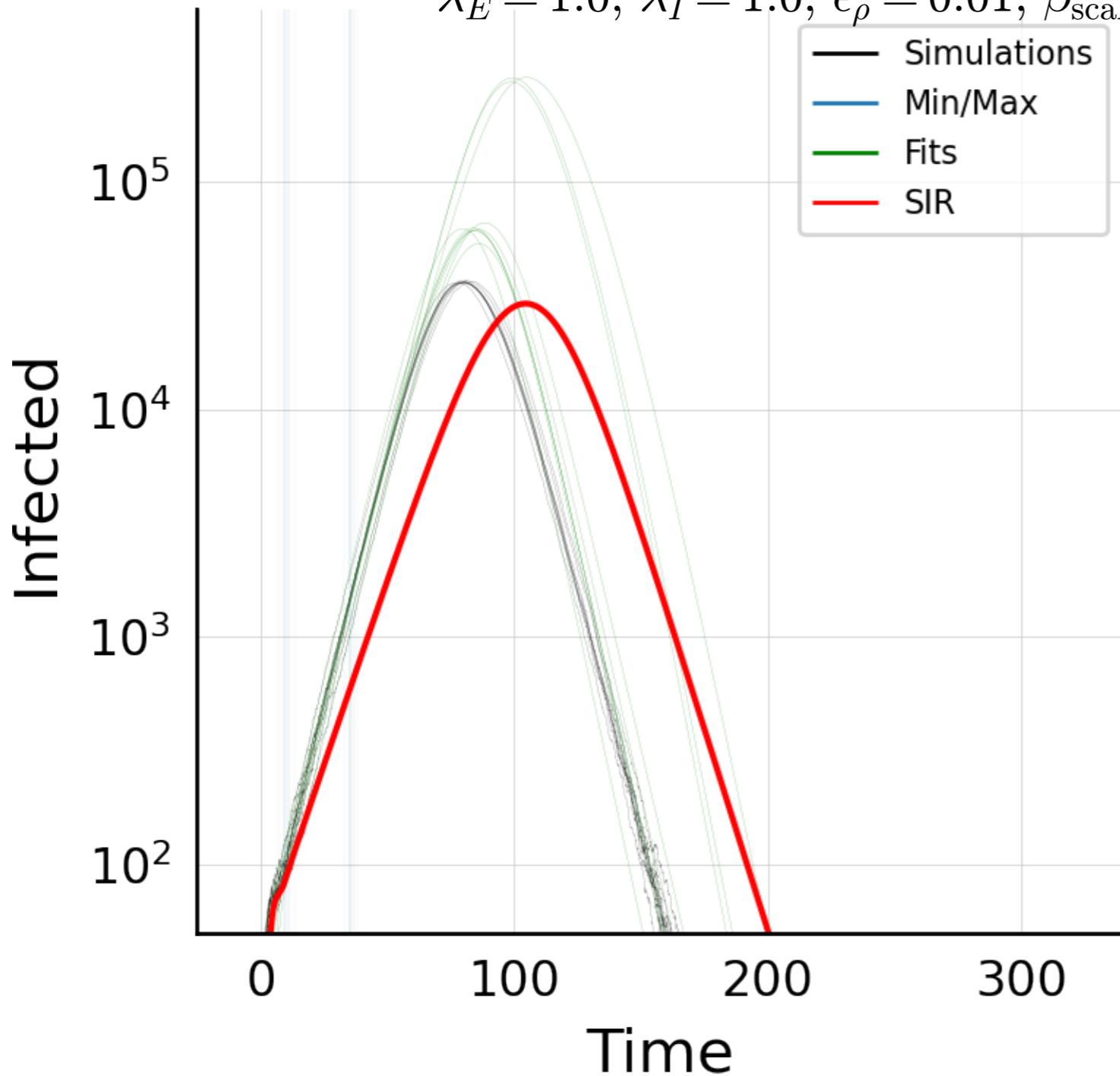
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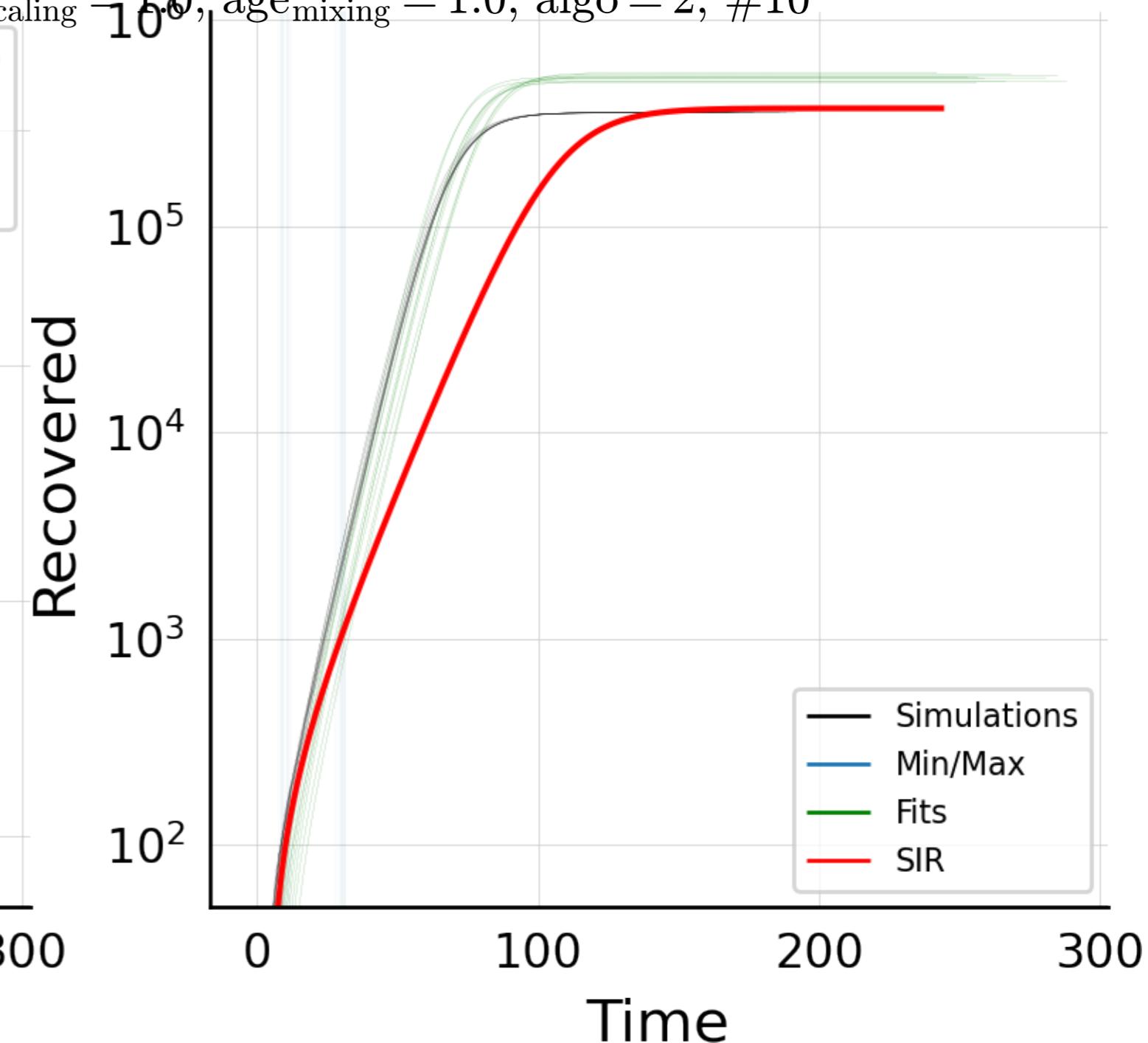
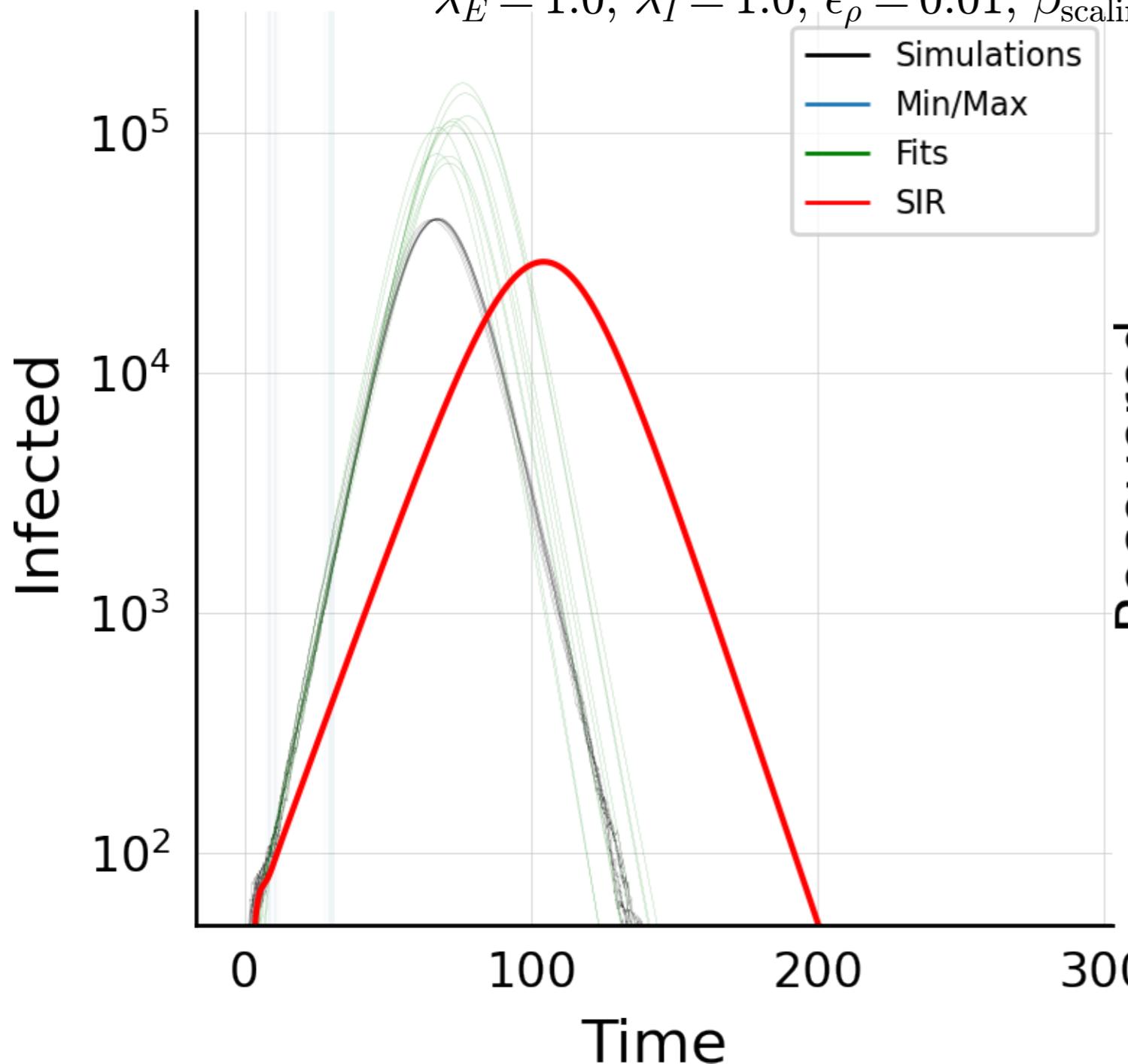
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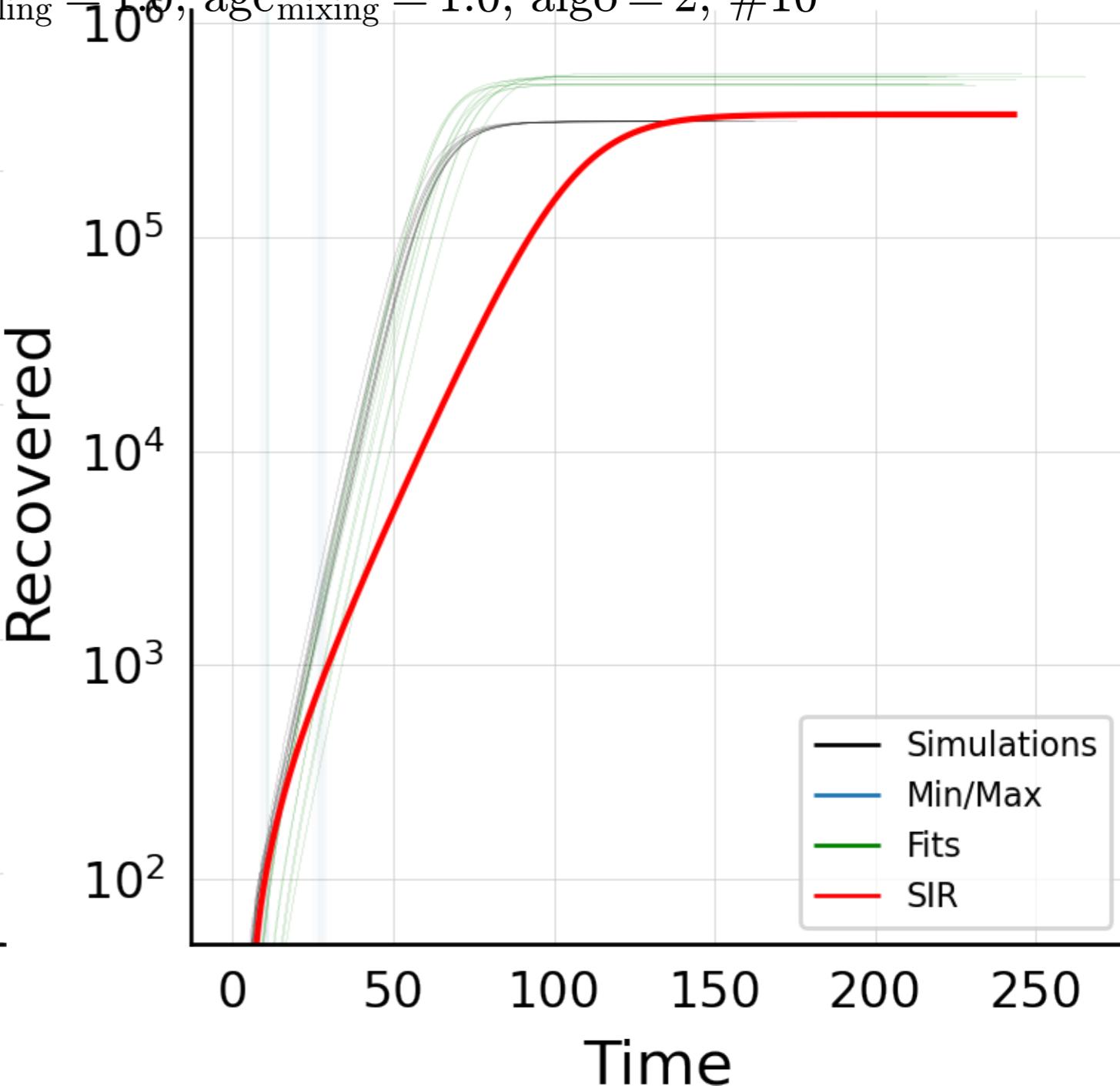
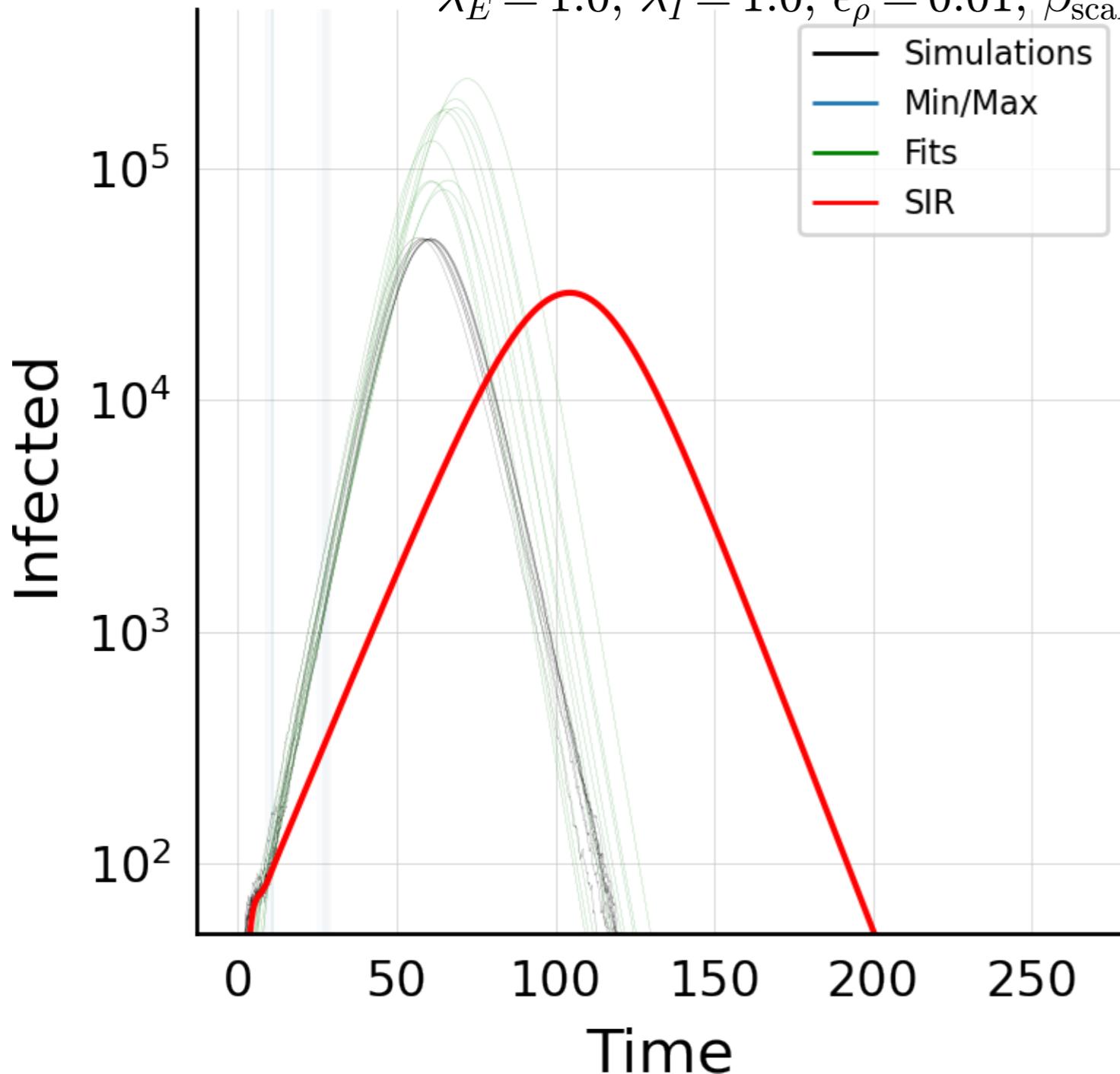
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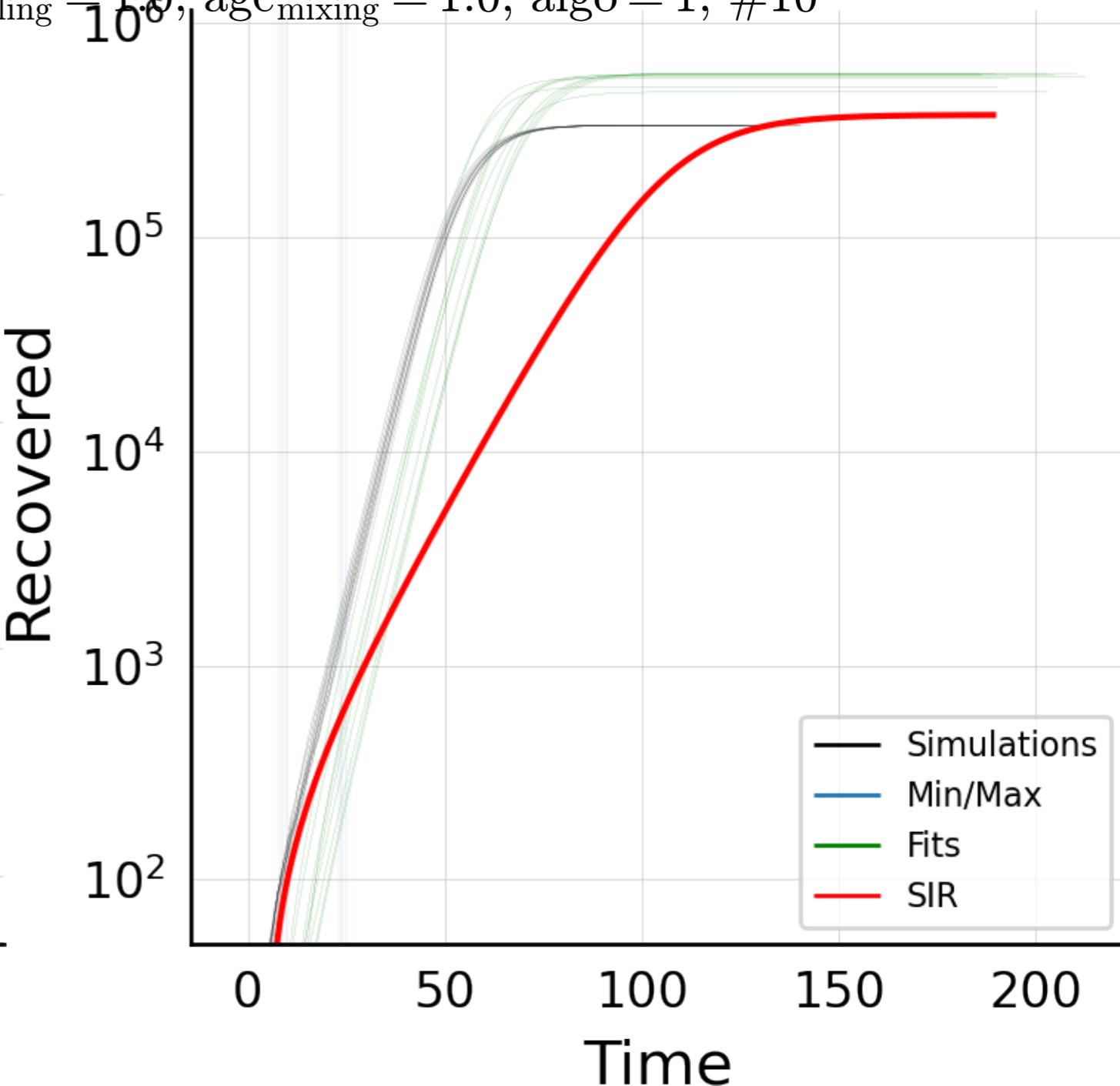
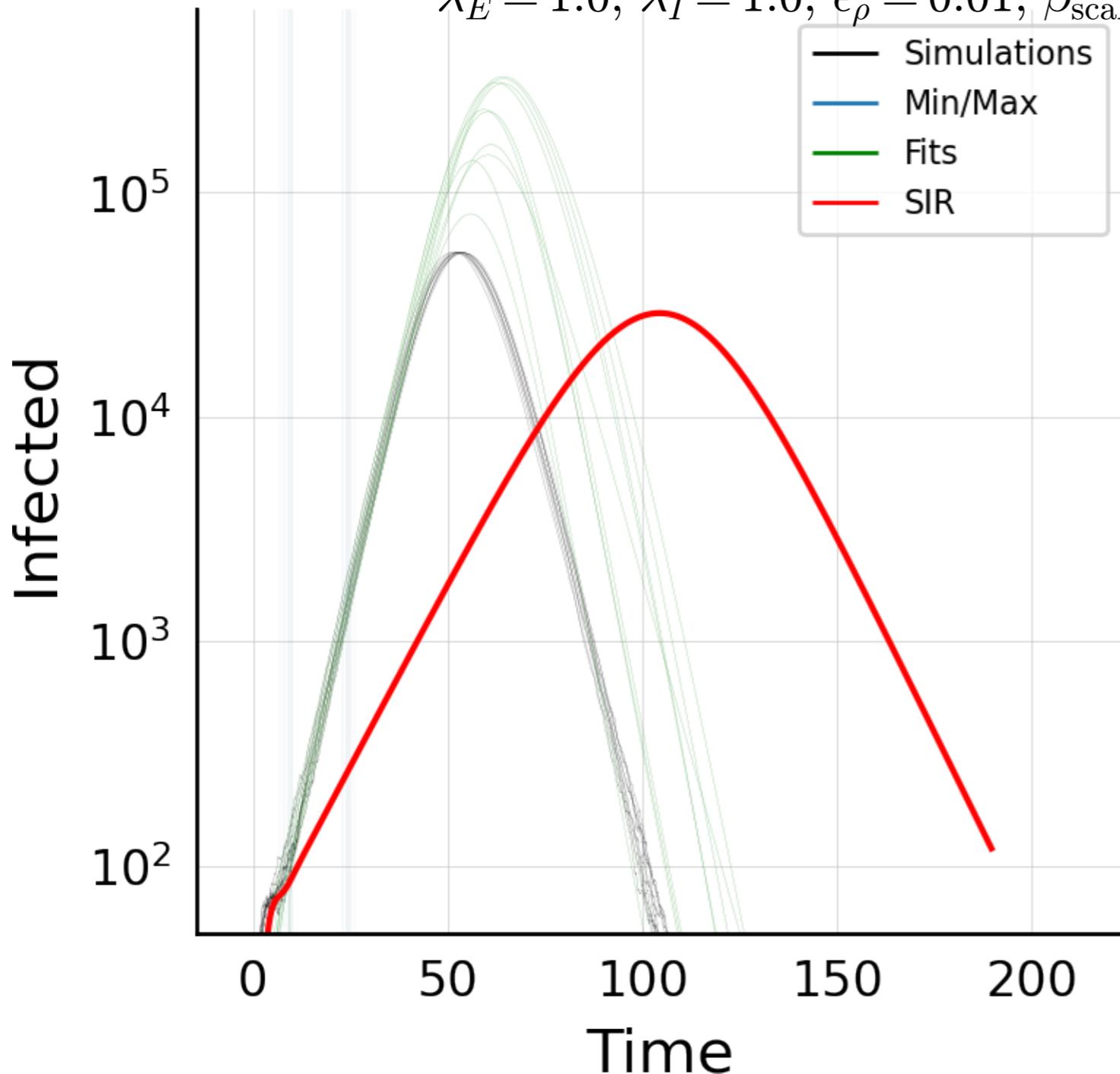
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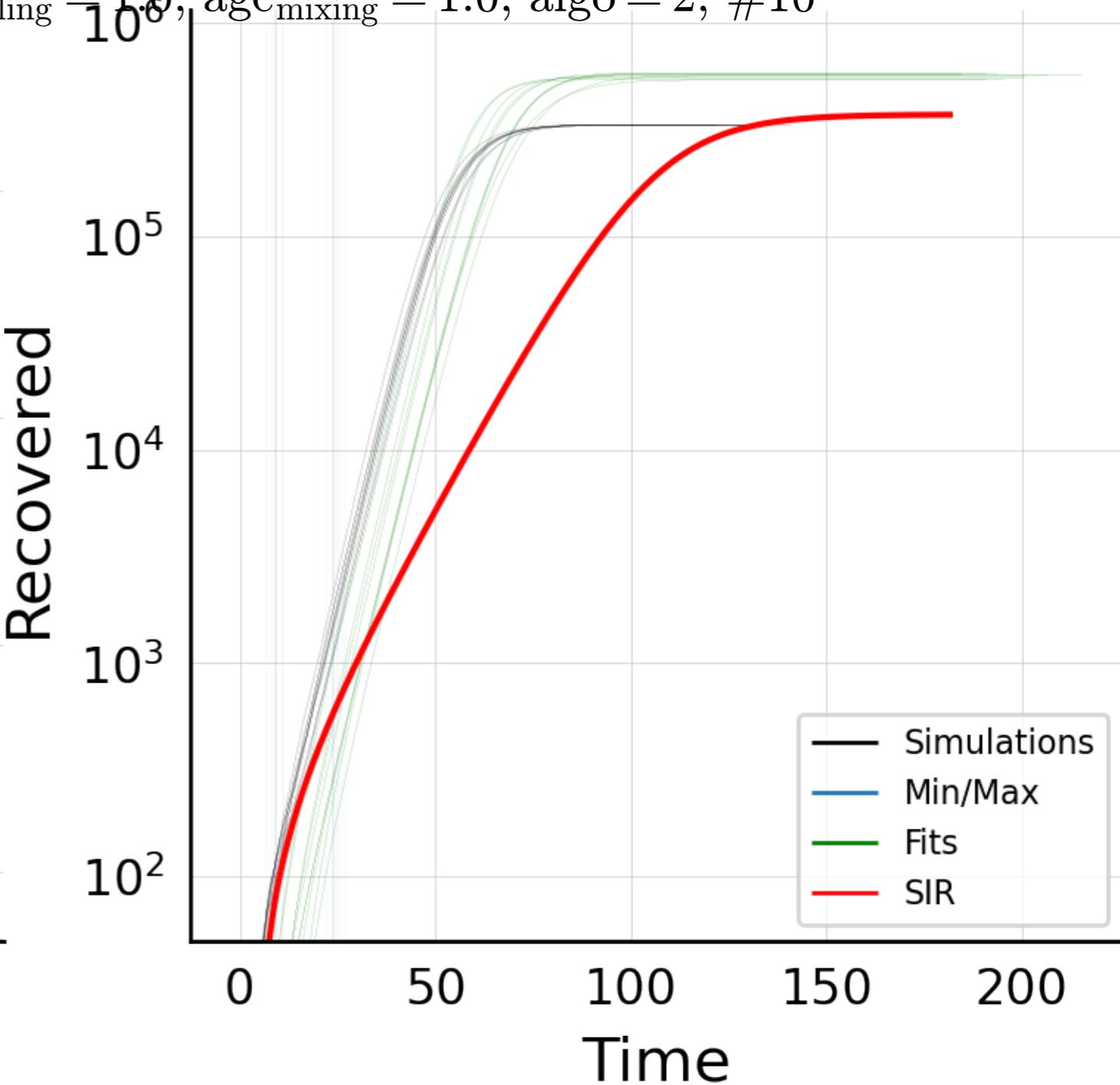
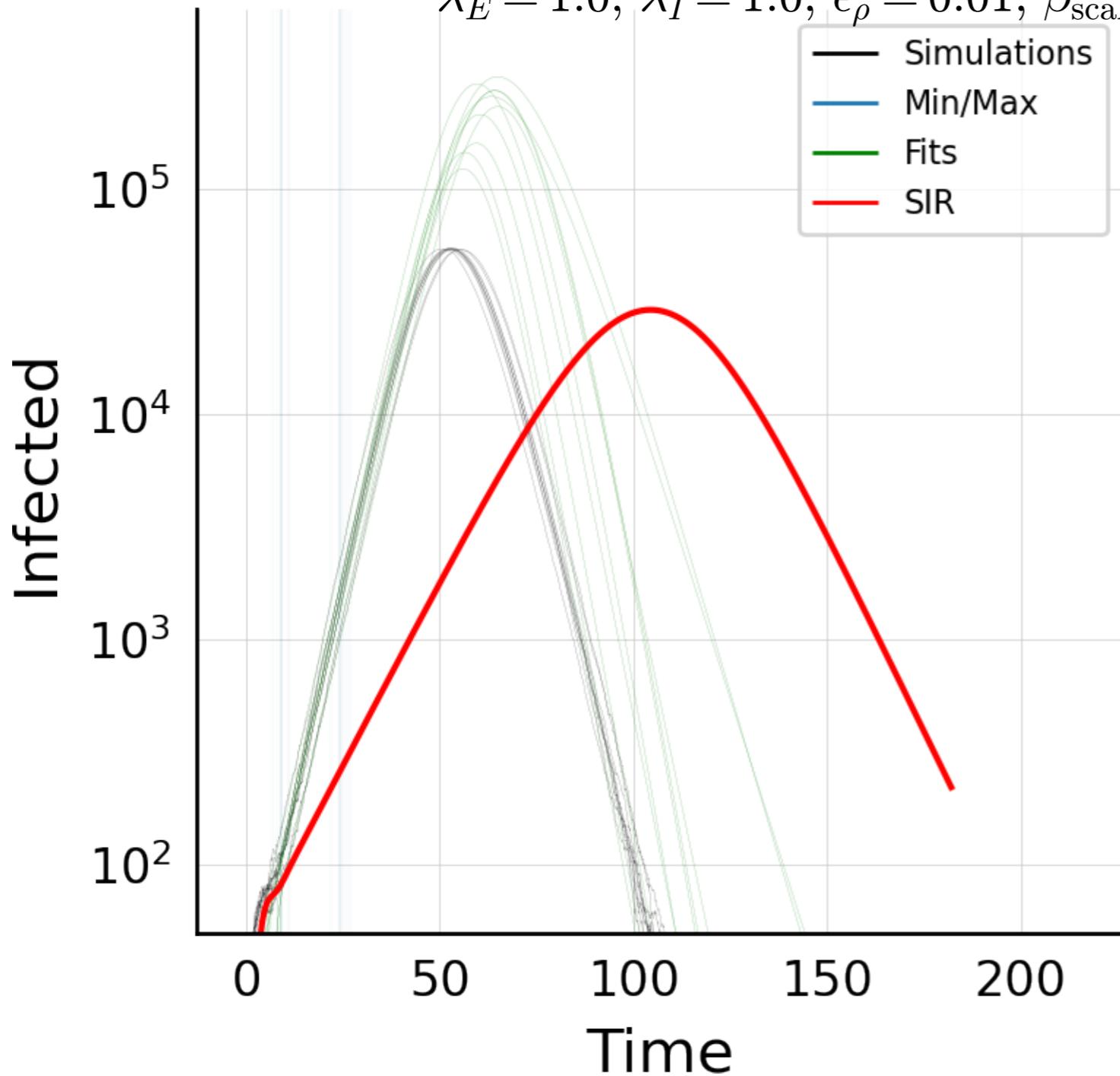
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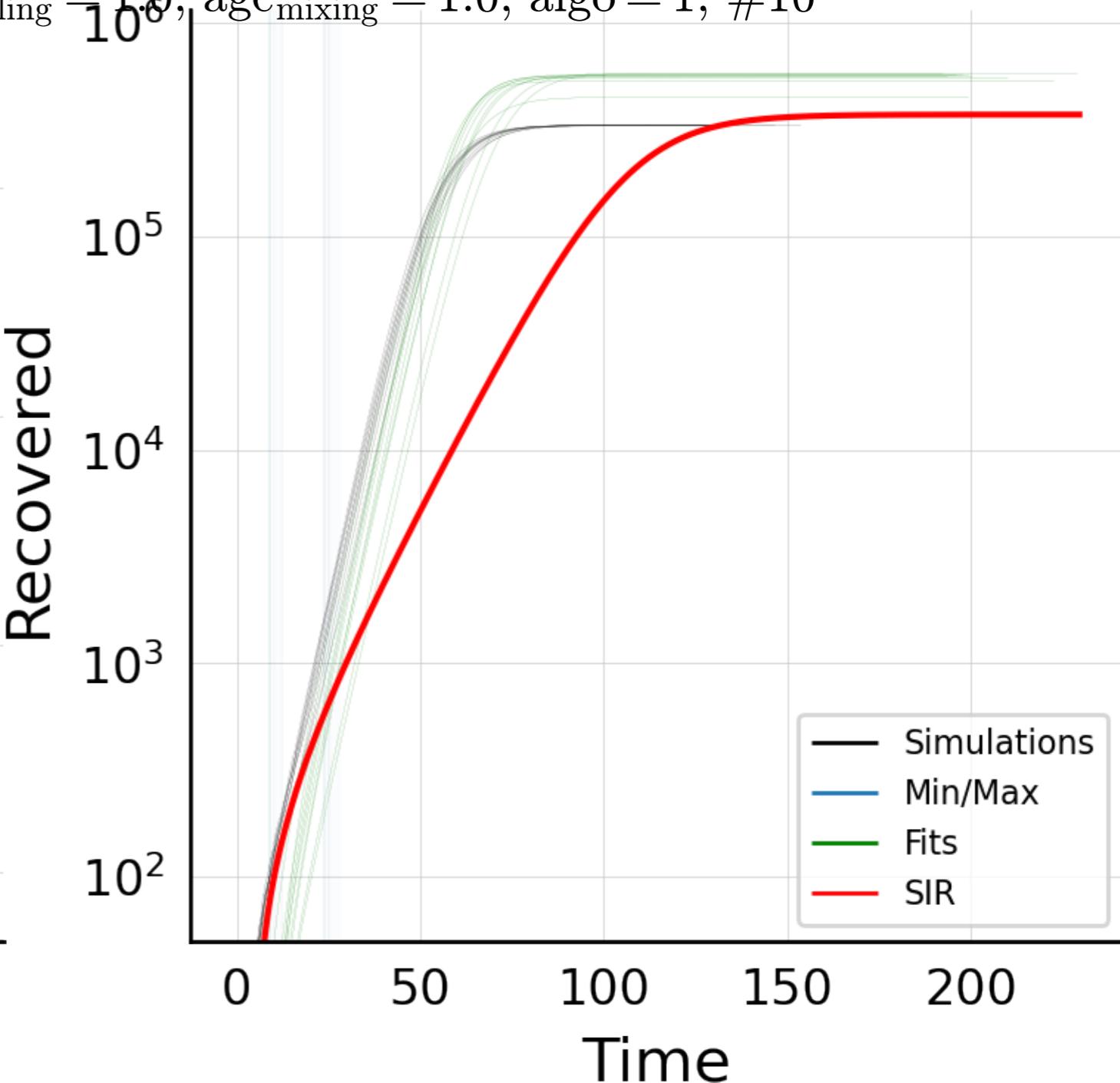
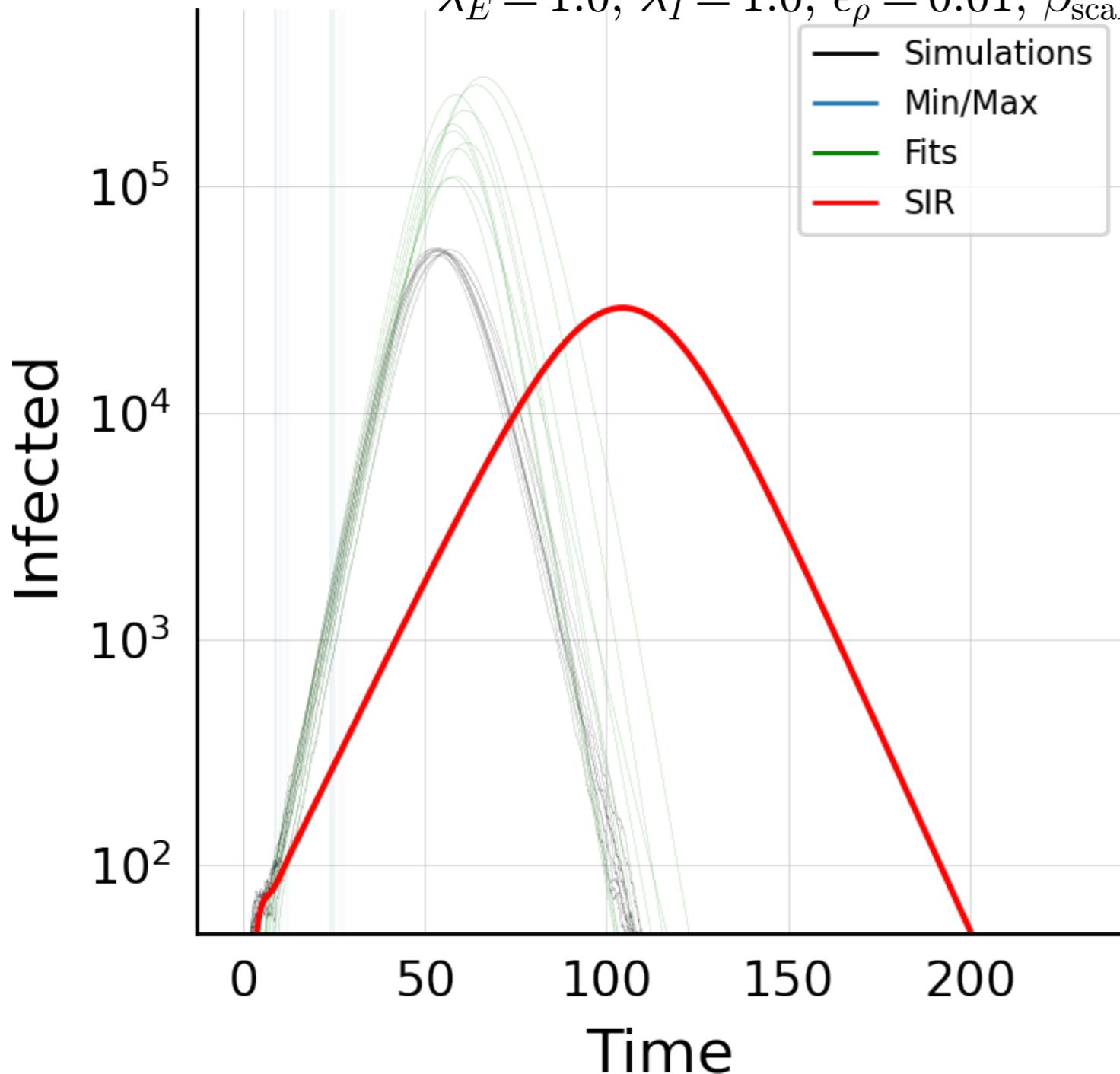
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10

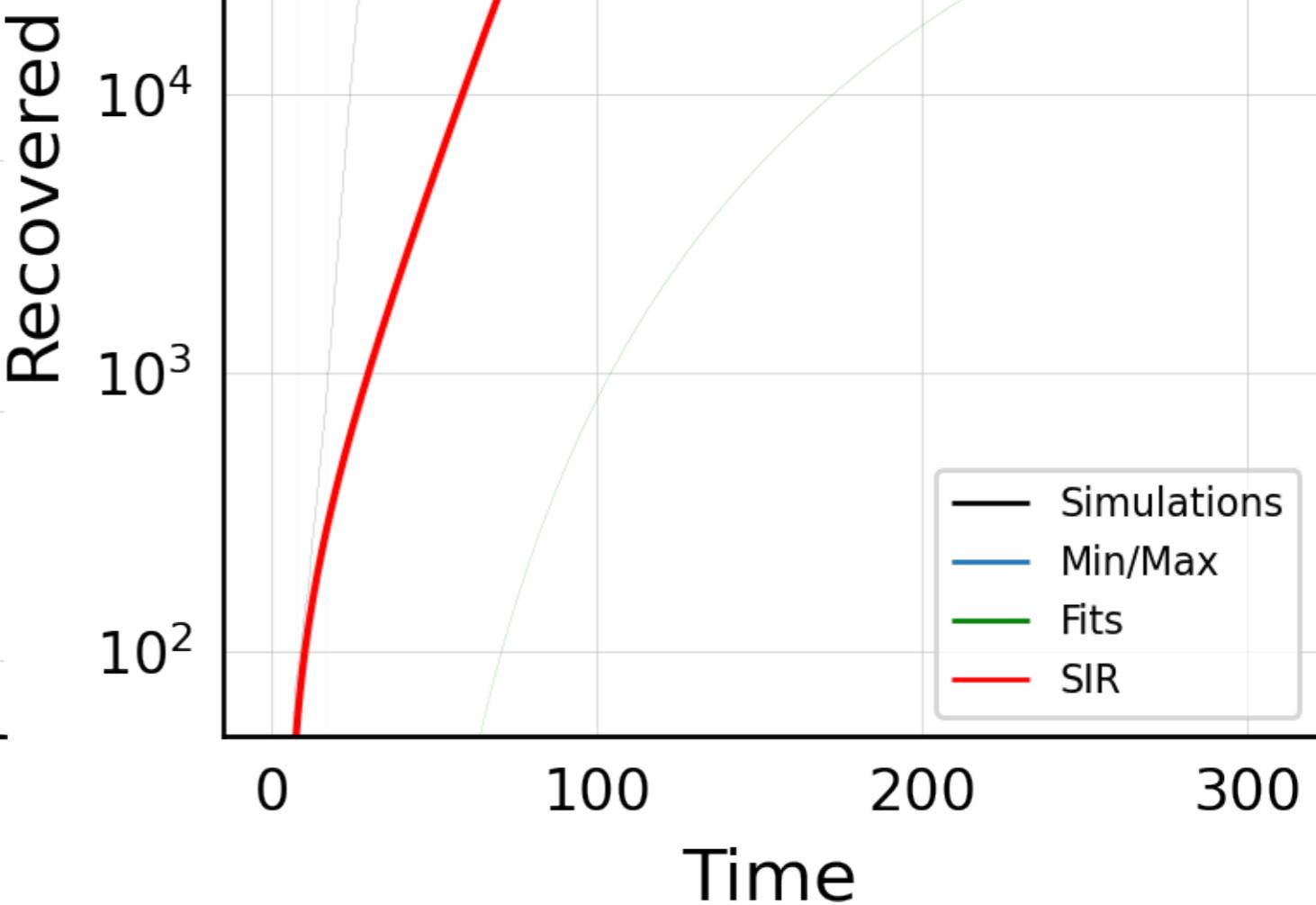
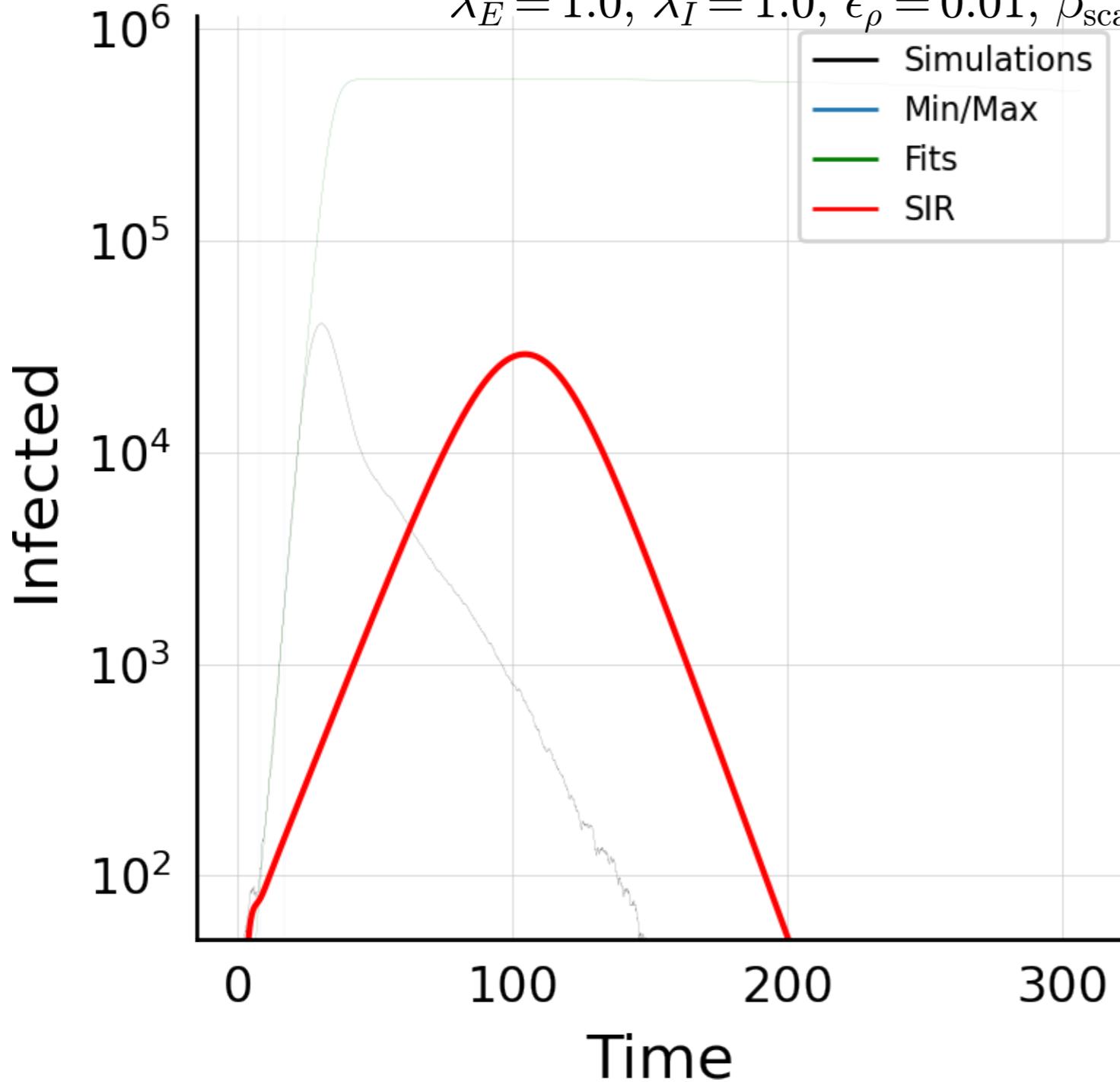


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 100.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10

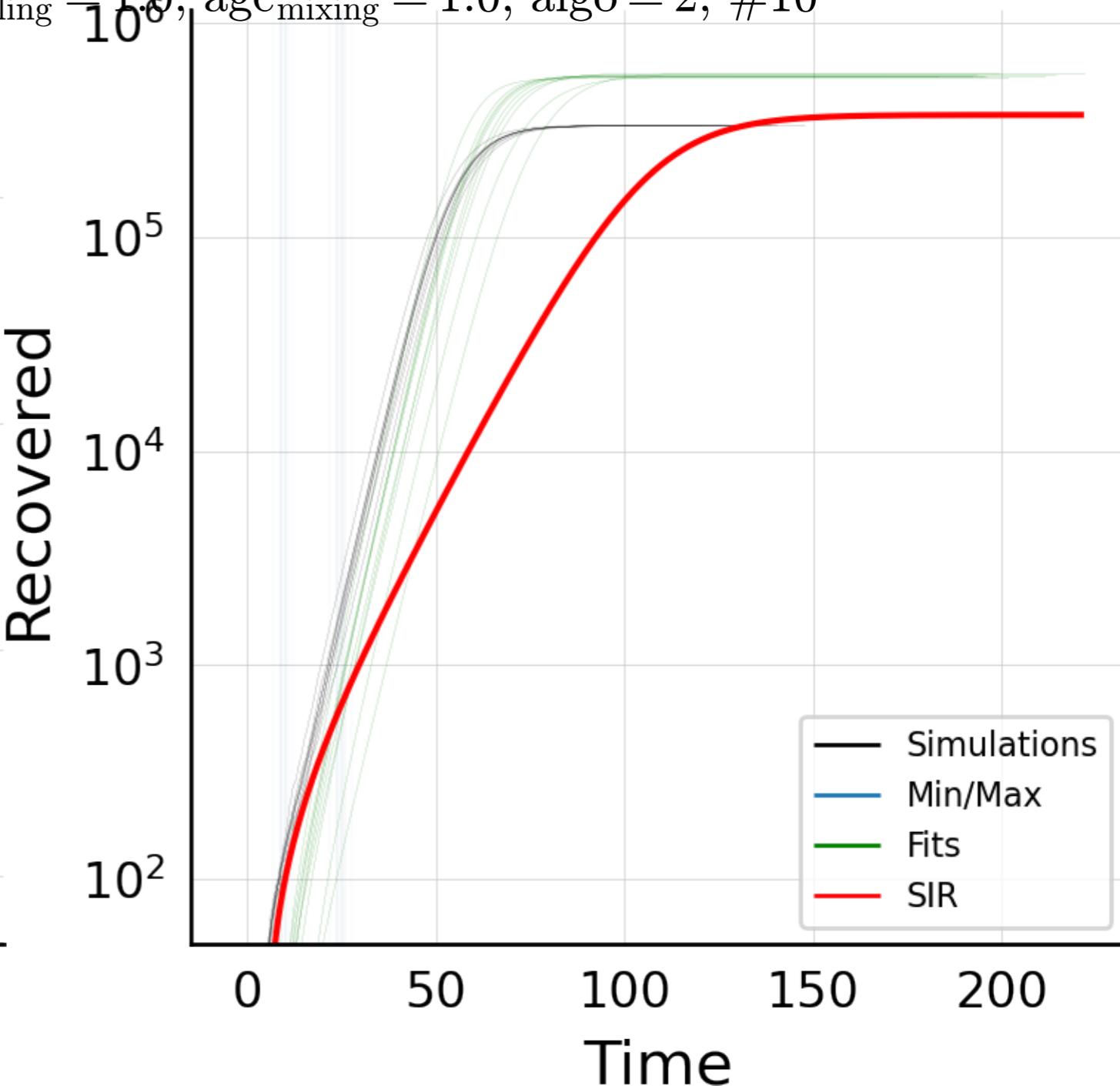
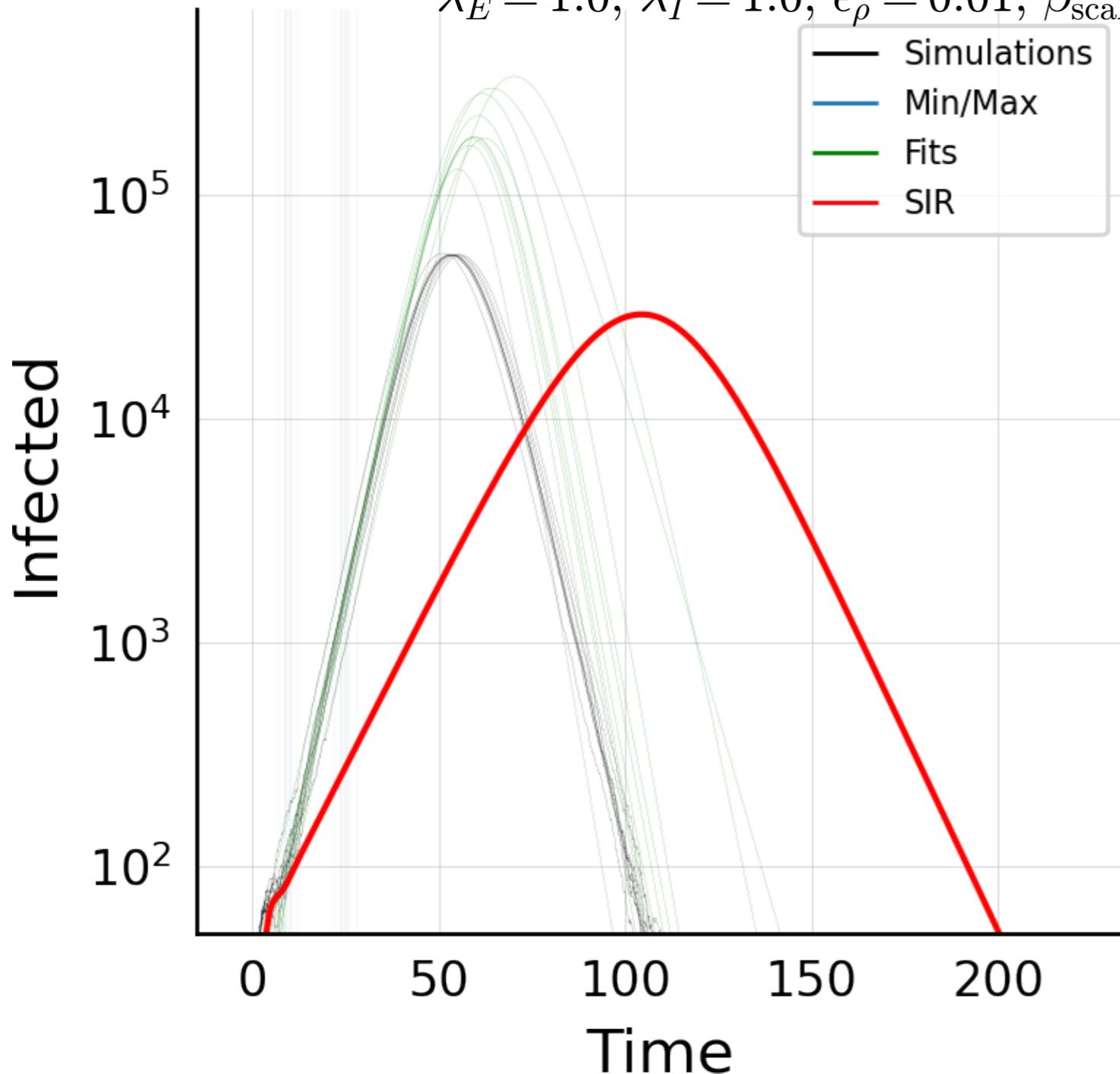


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$\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age mixing} = 1.0$, $\text{algo} = 2$, #1

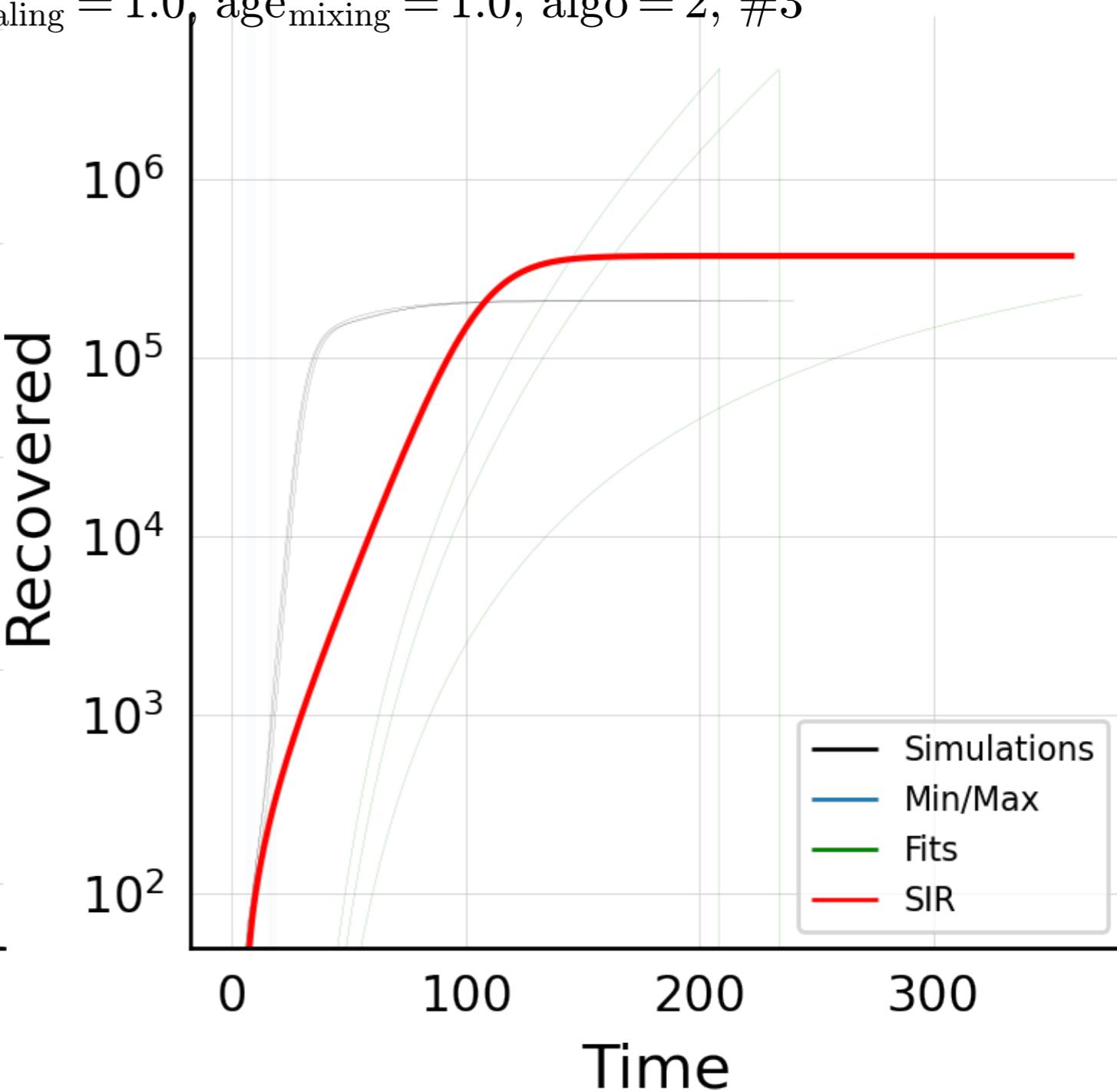
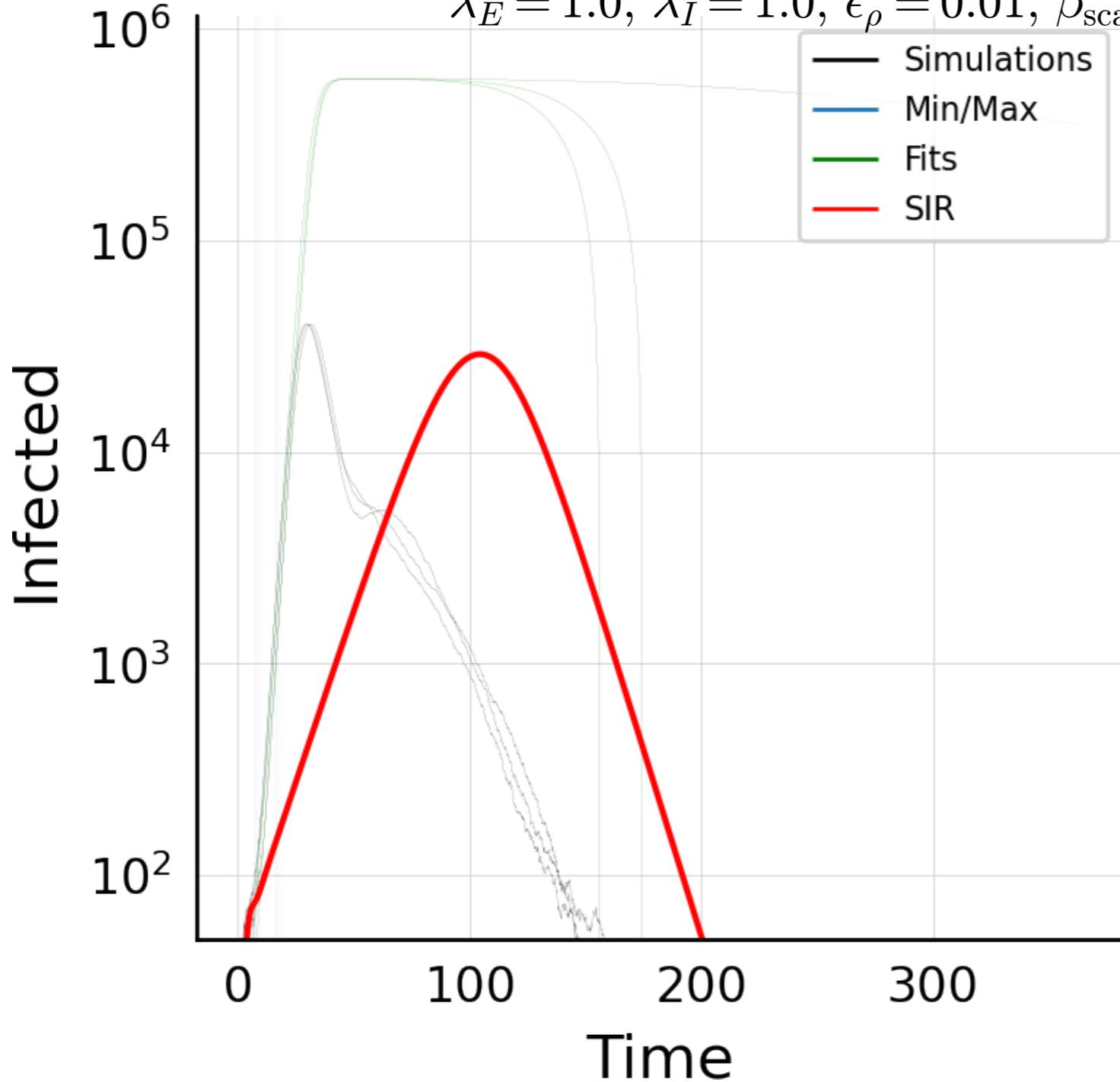


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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10

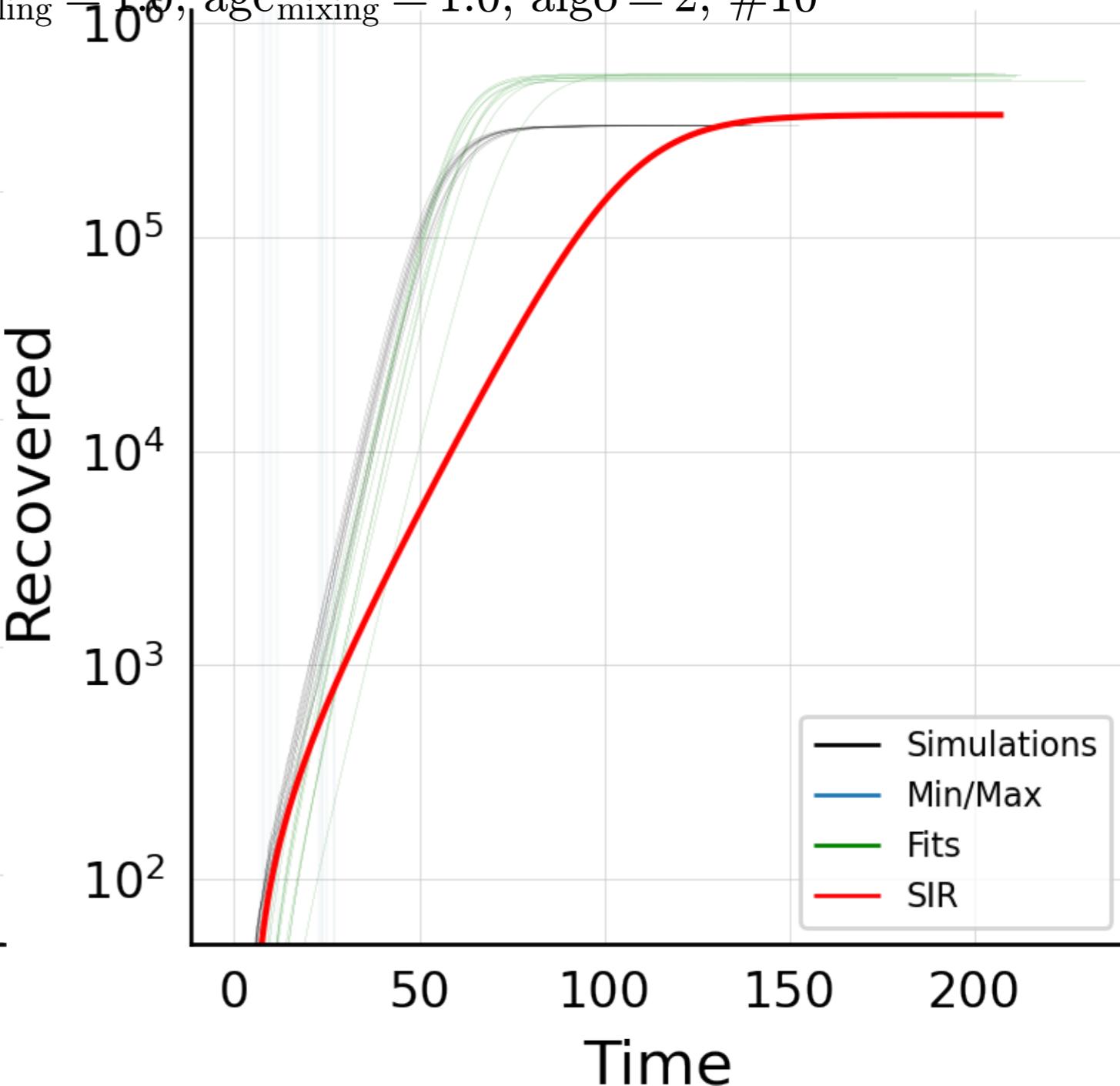
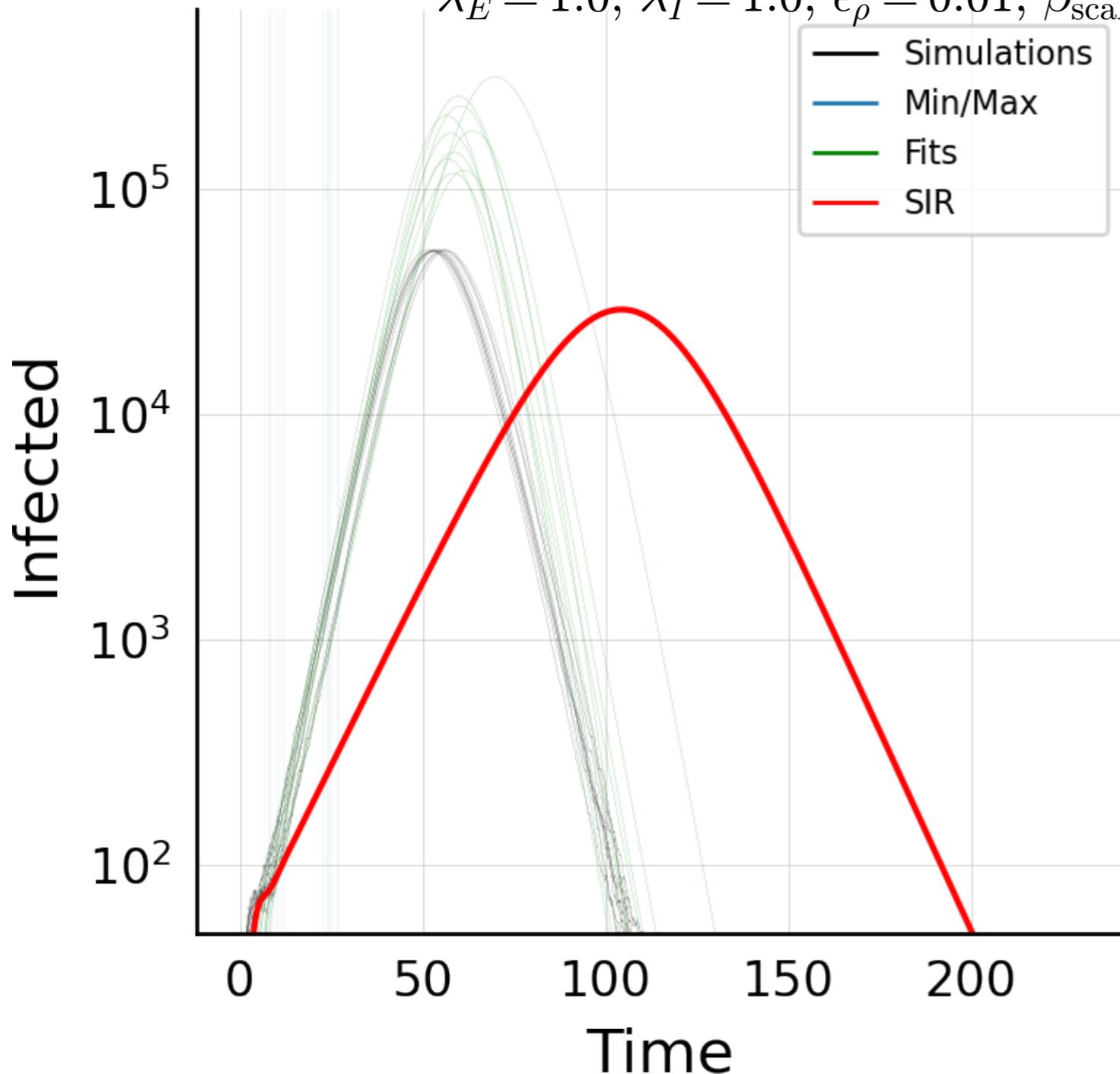


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.25$, $\rho = 100.0$

$\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age mixing} = 1.0$, $\text{algo} = 2$, #3

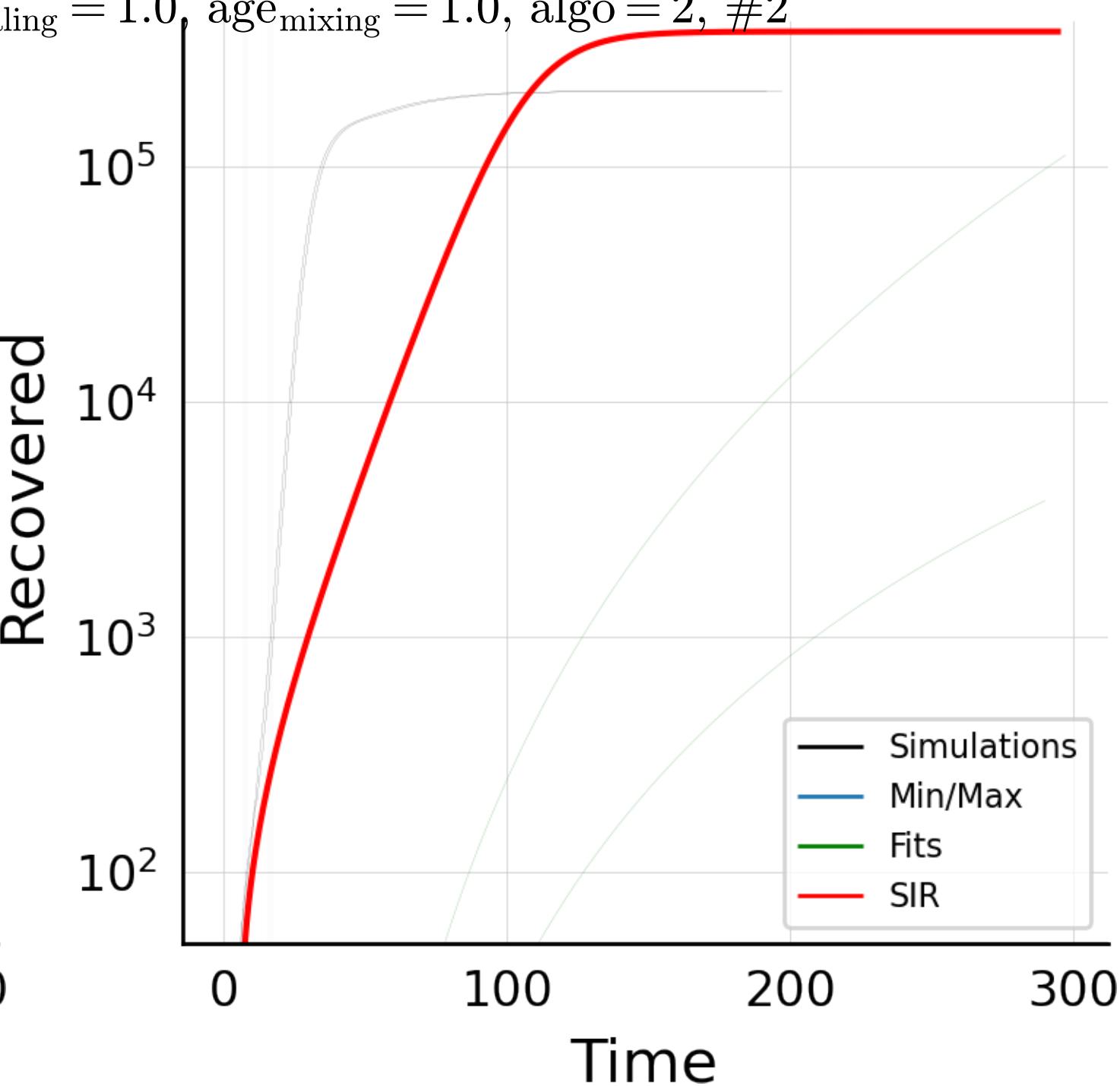
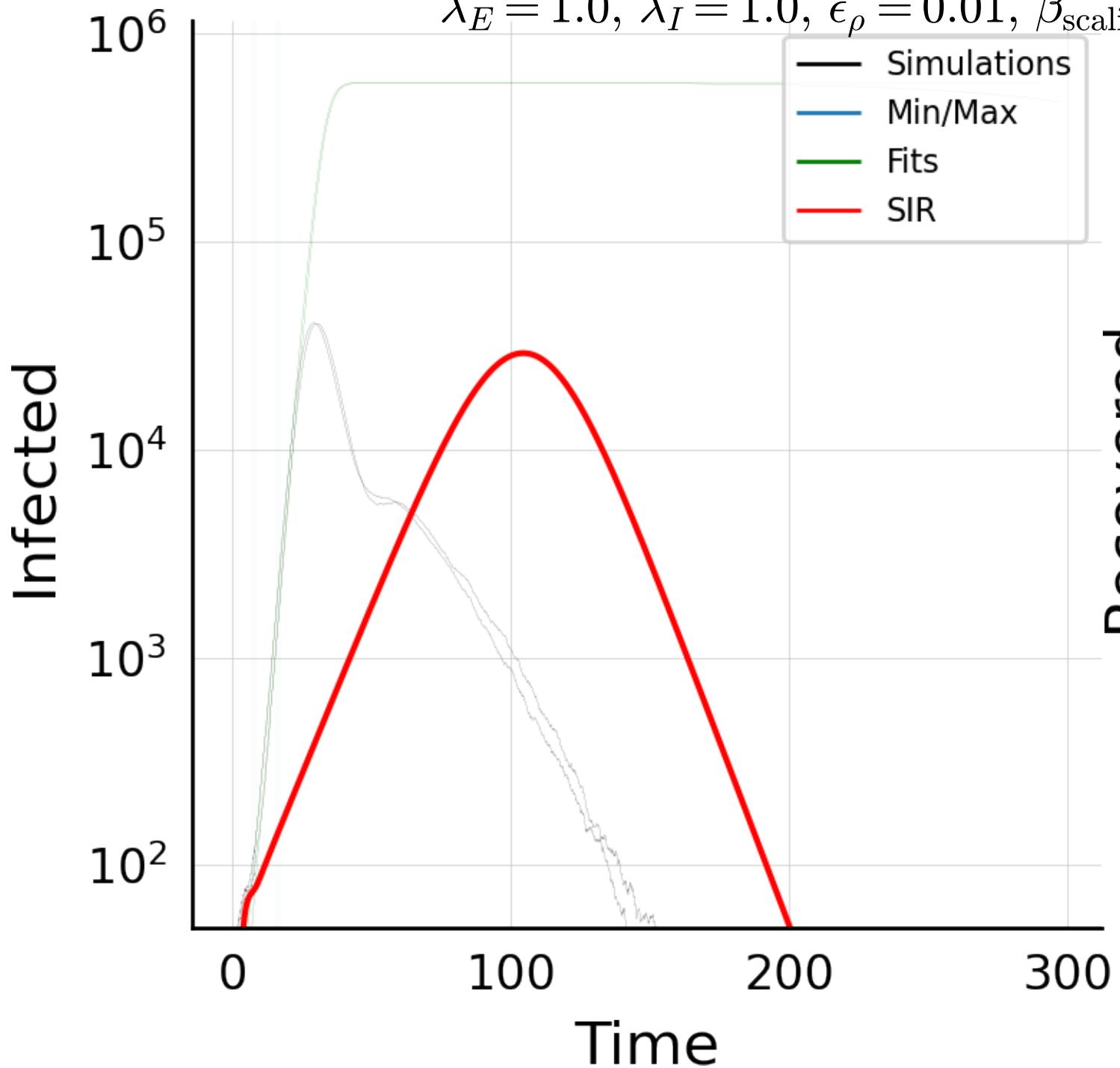


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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10

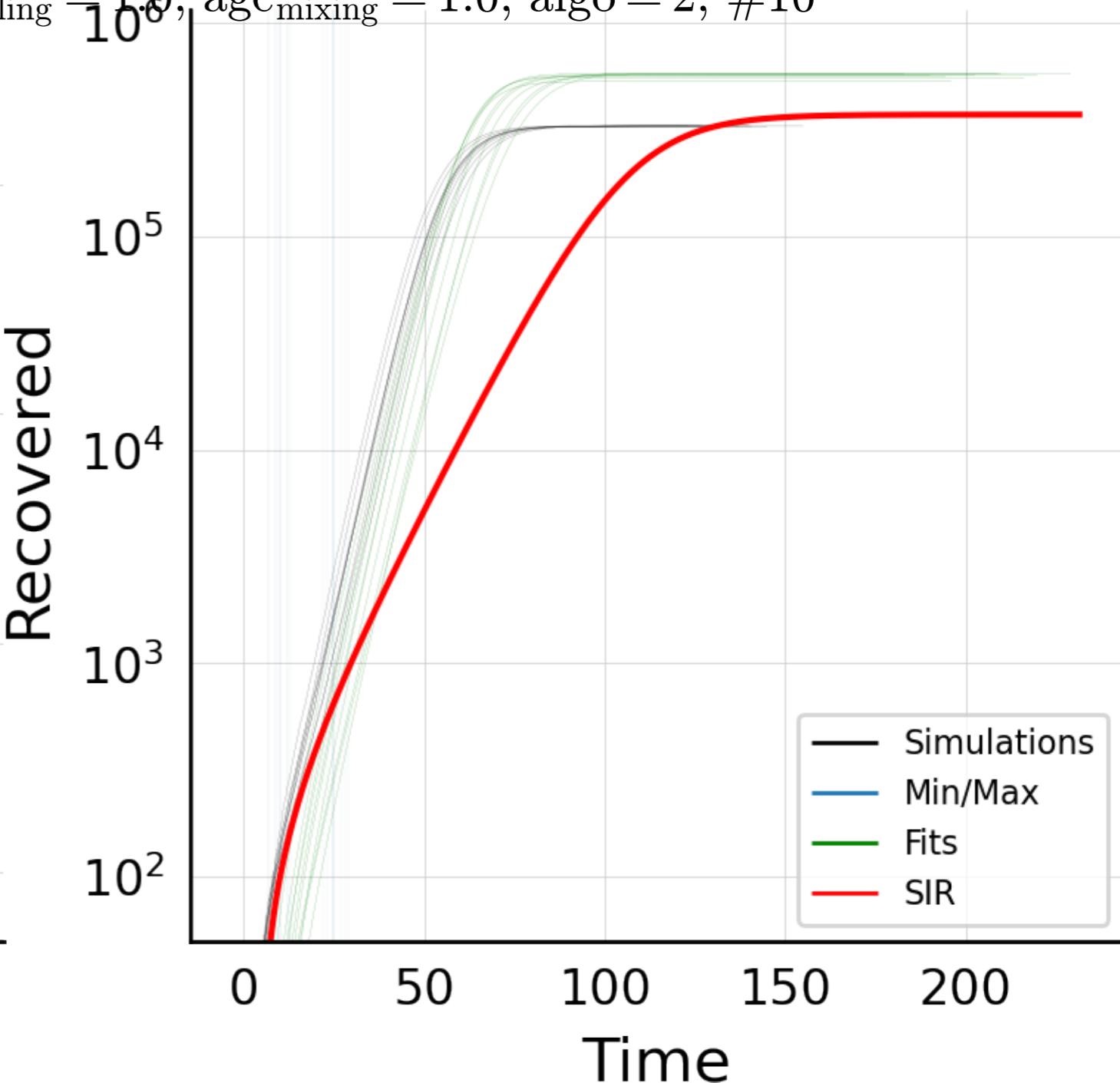
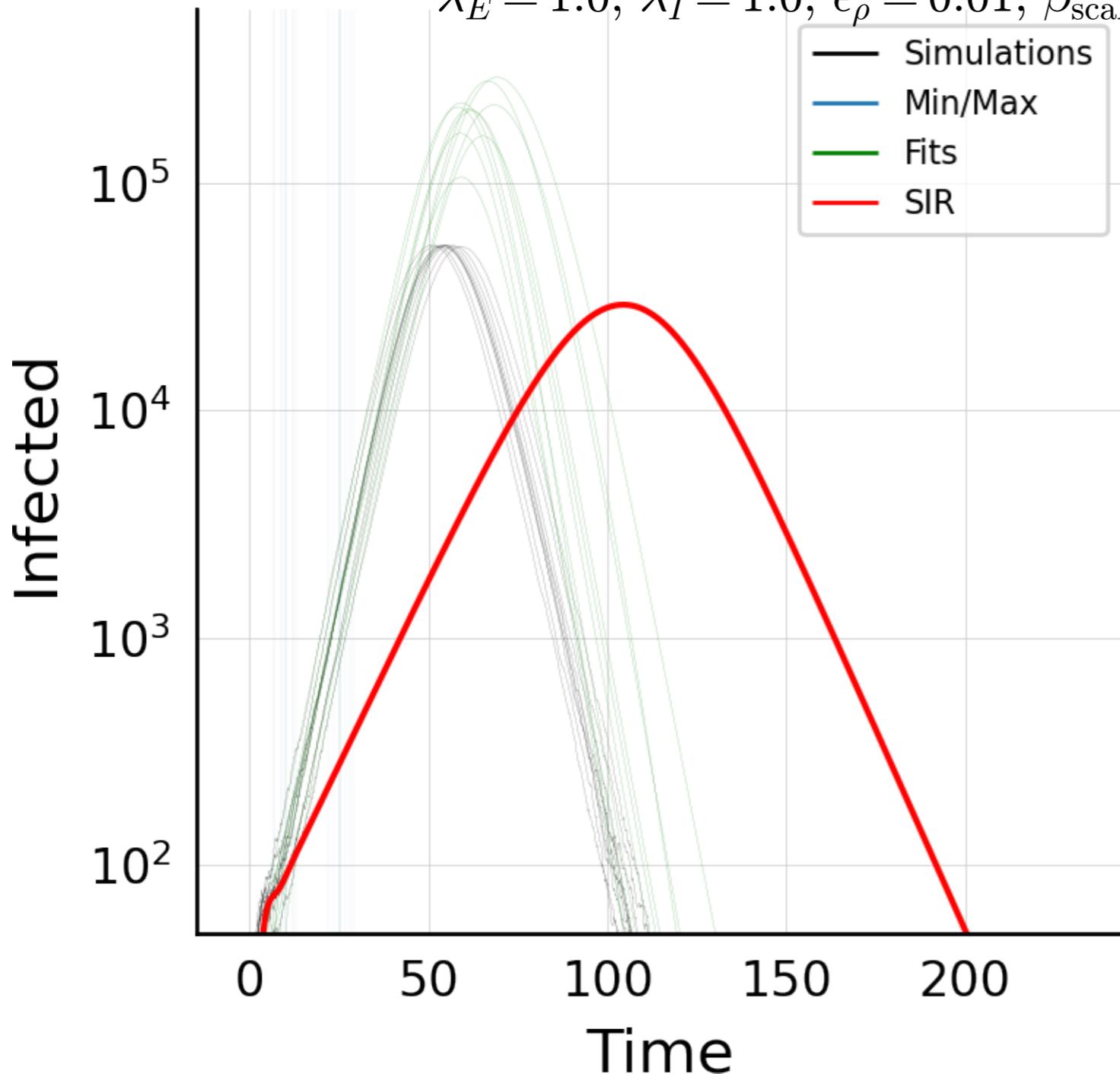


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.5$, $\rho = 100.0$

$\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #2

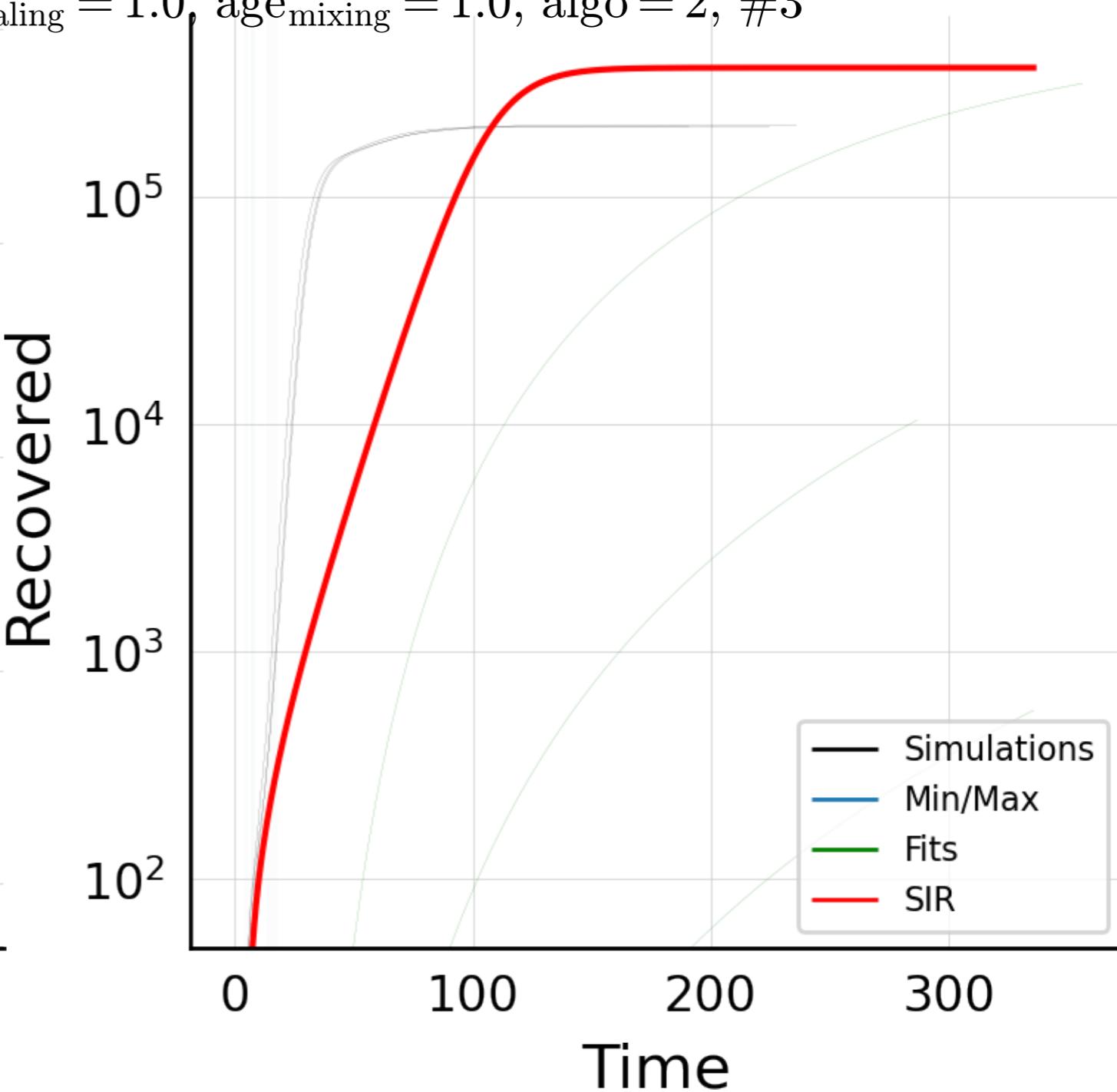
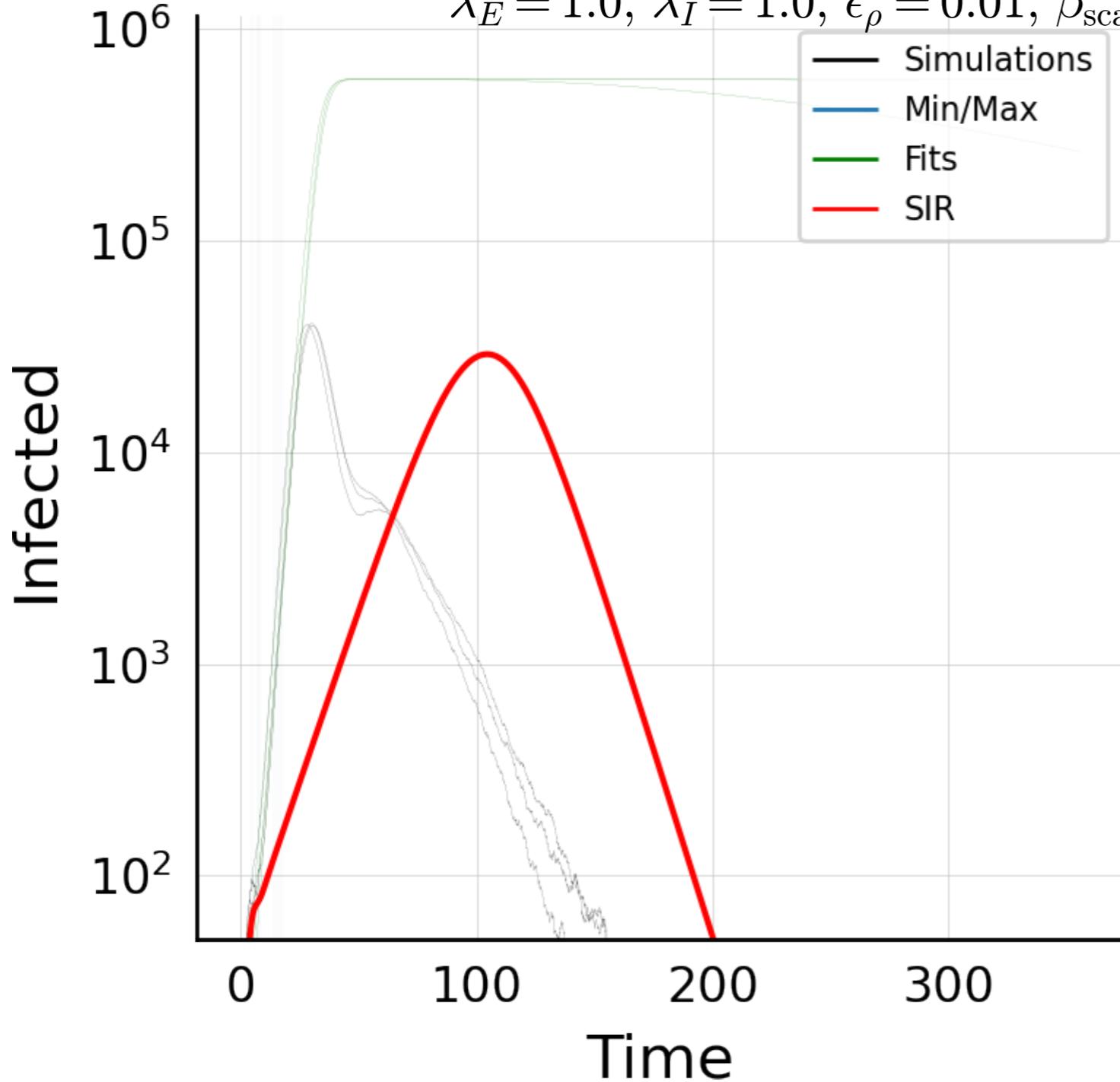


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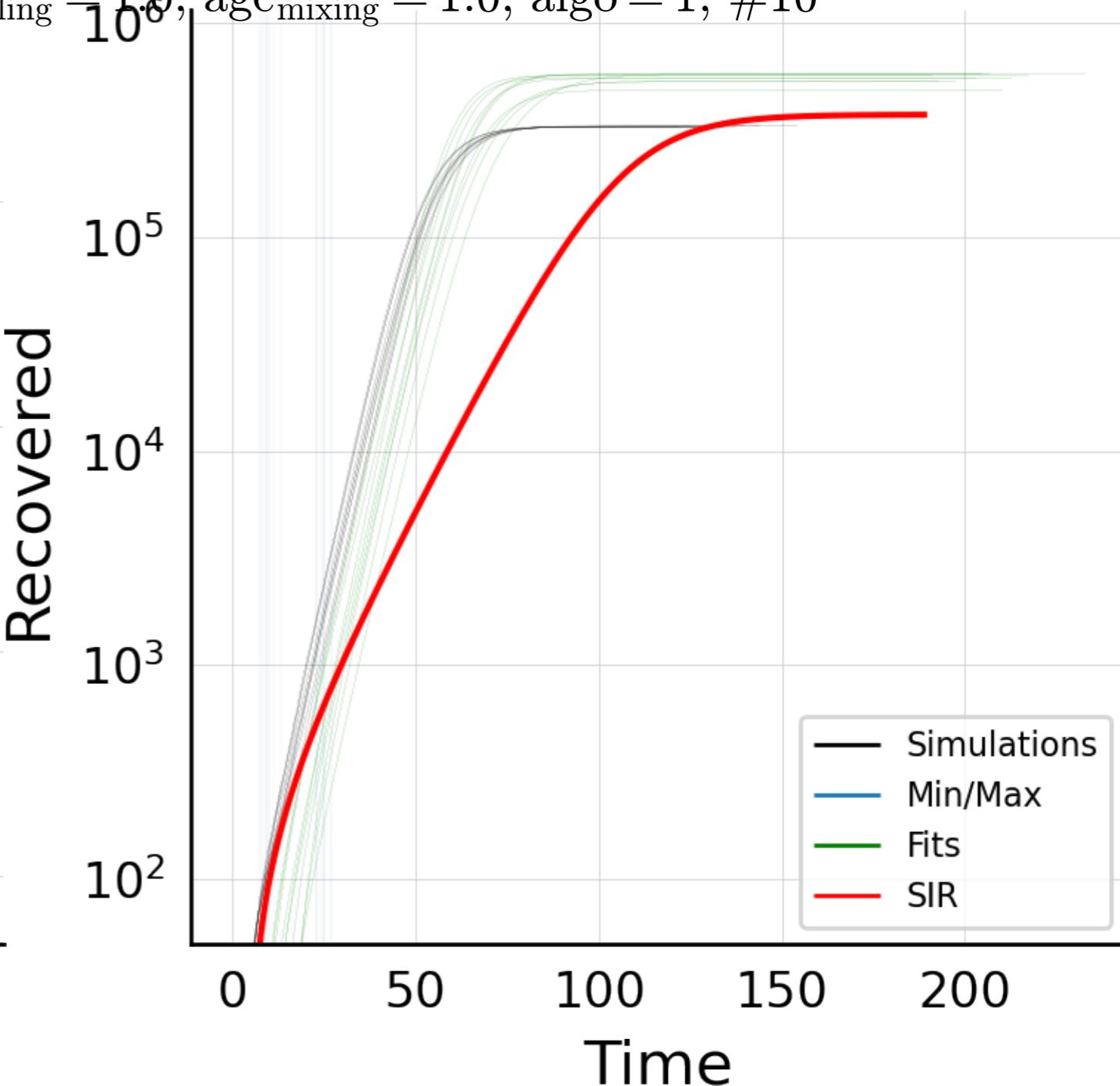
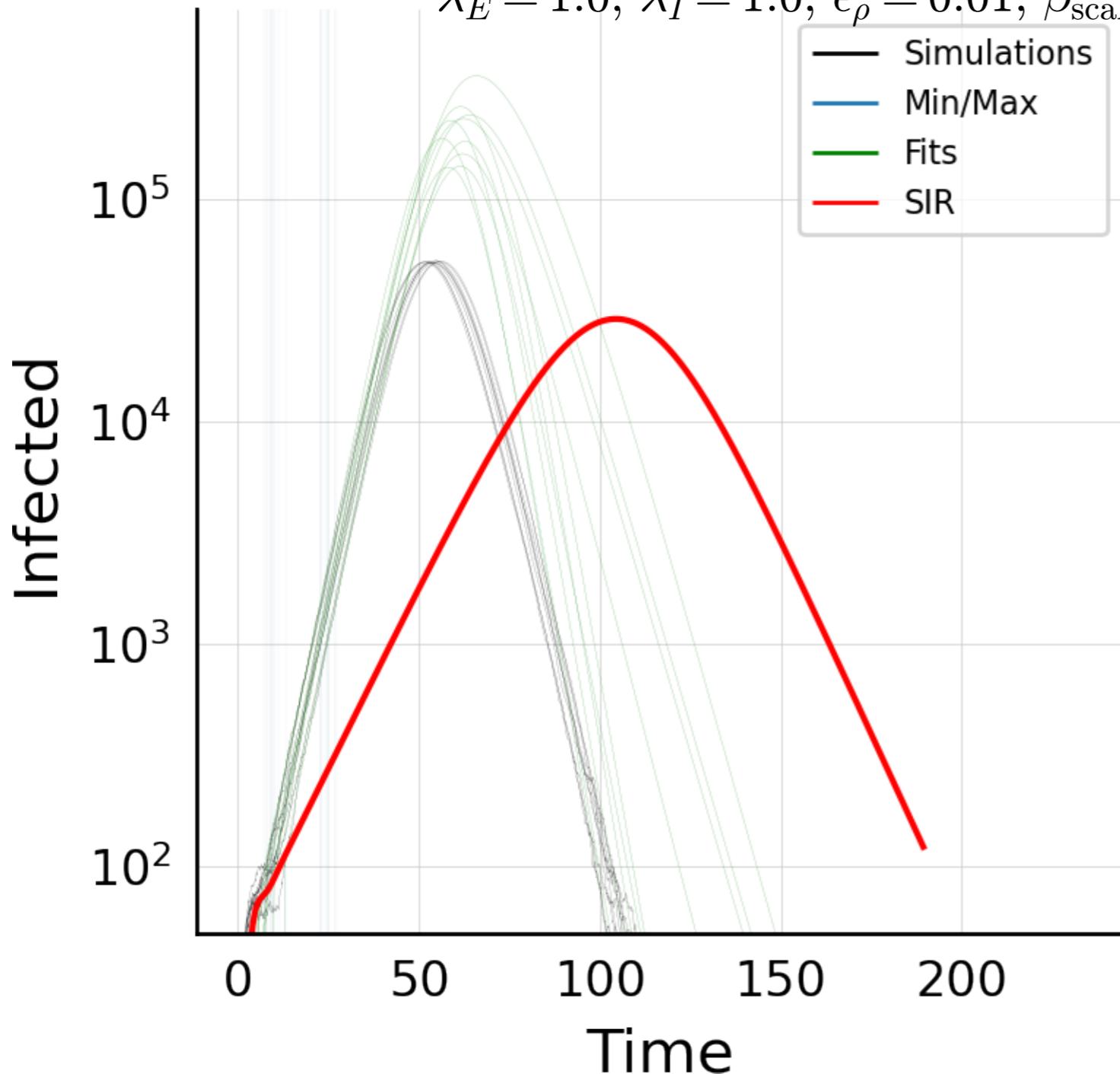


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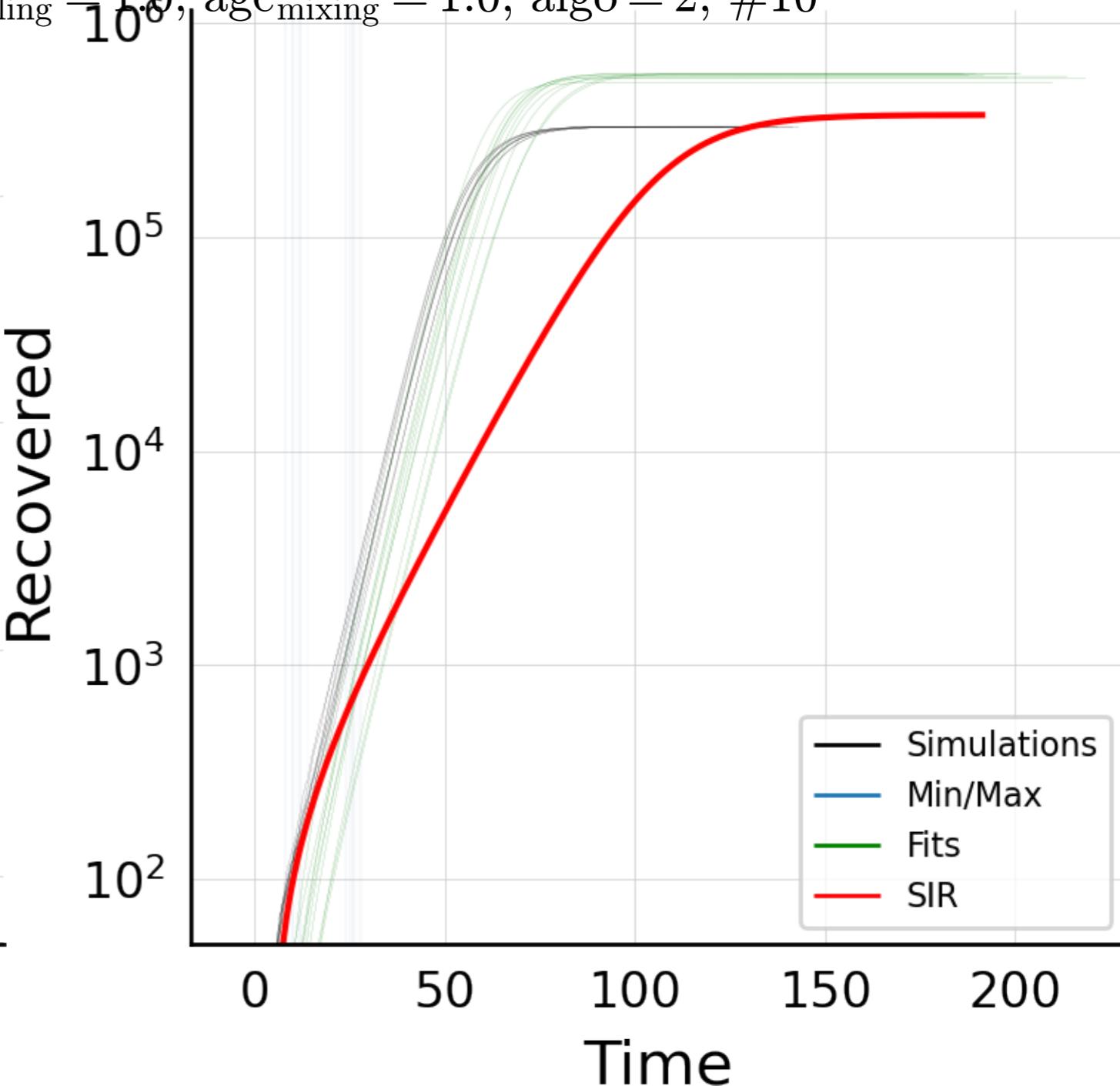
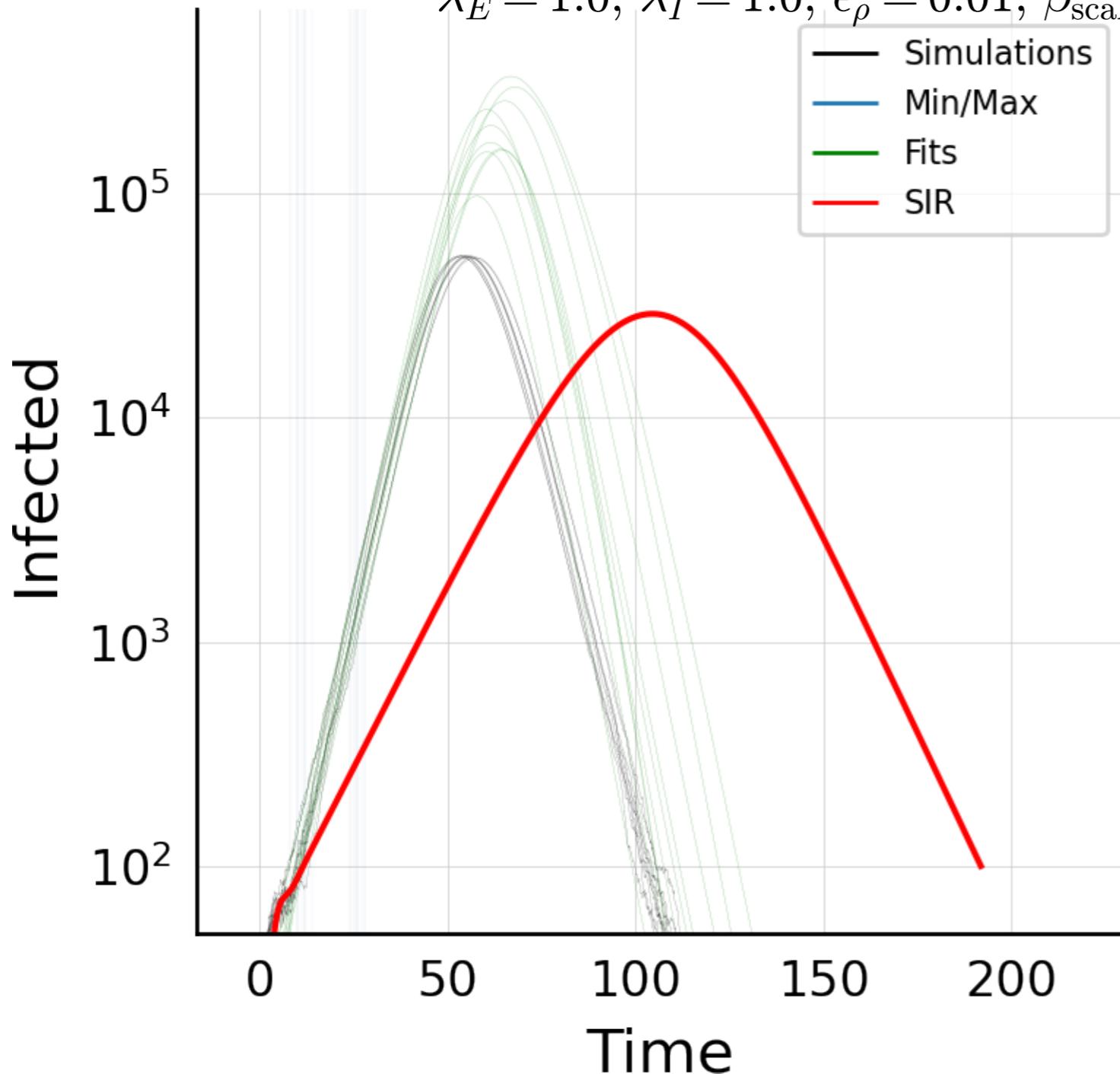
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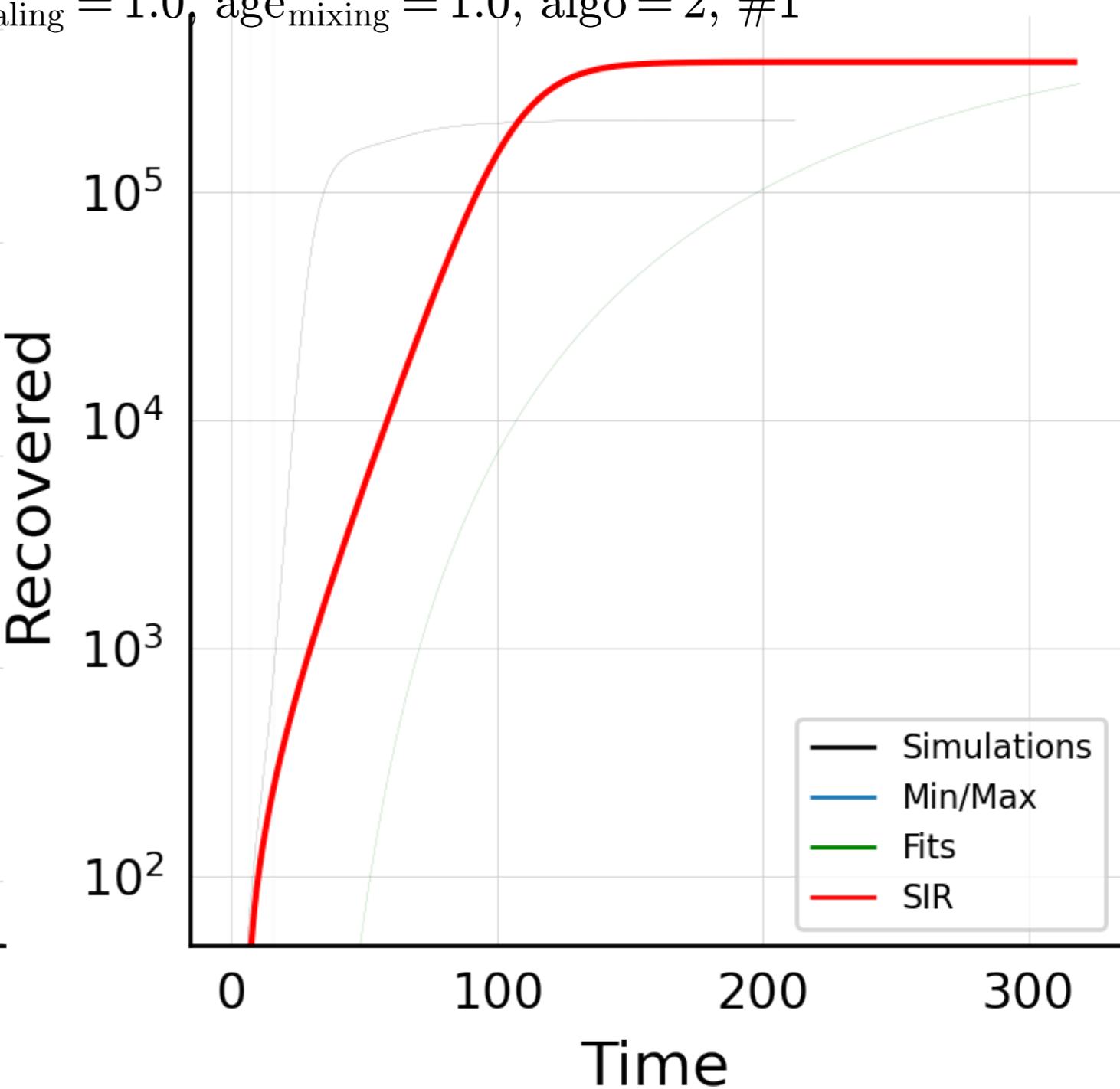
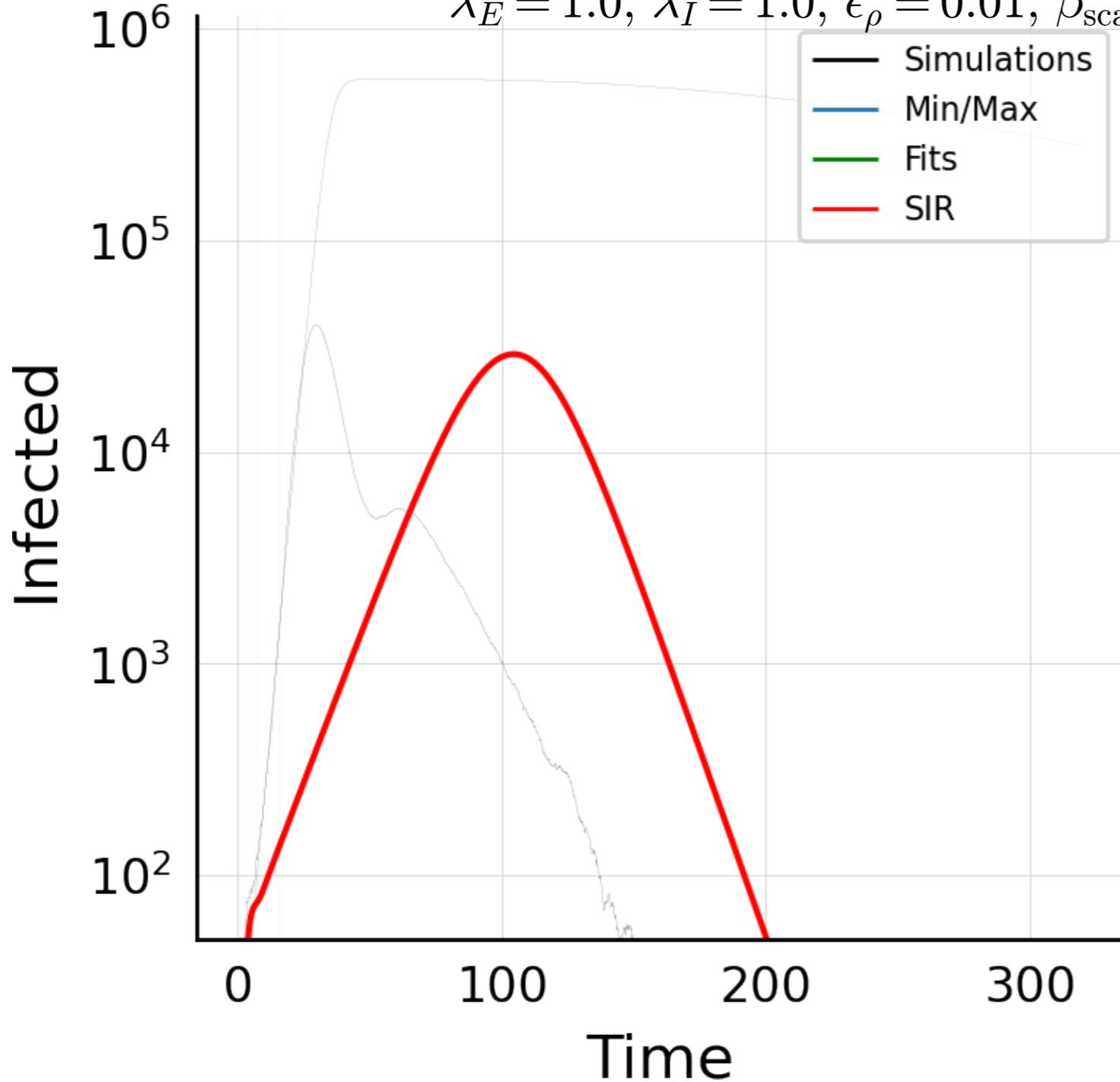
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



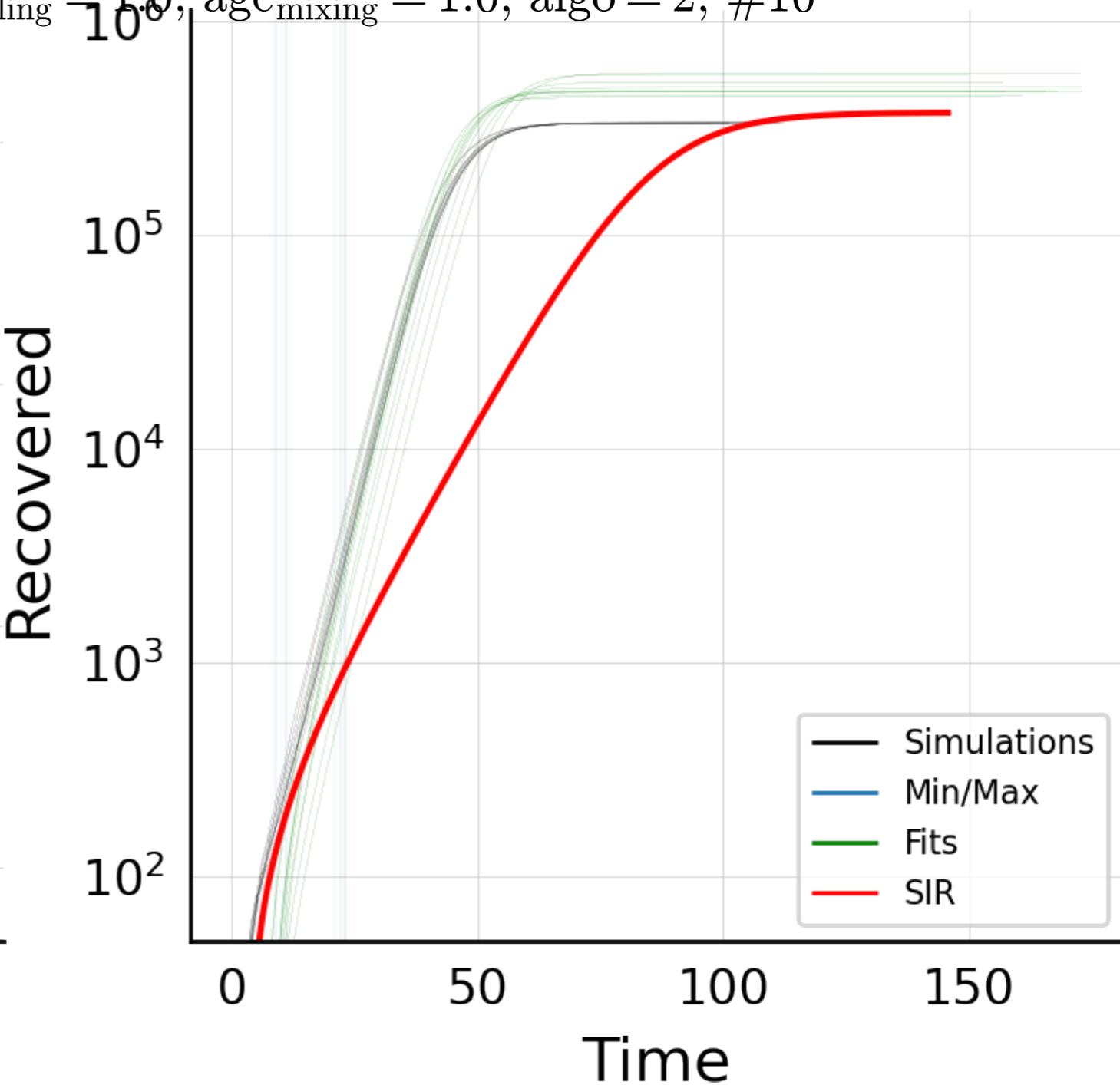
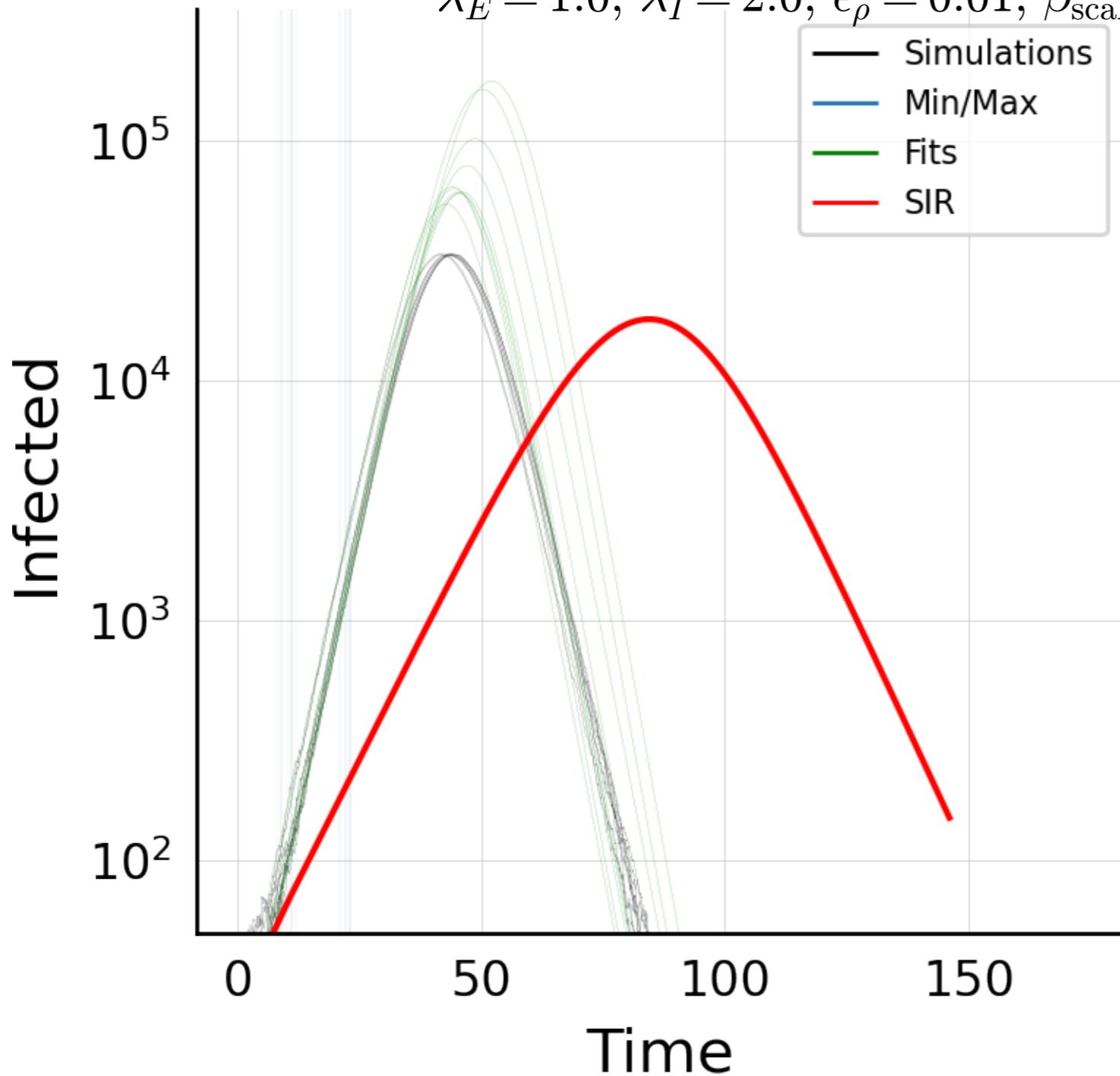
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



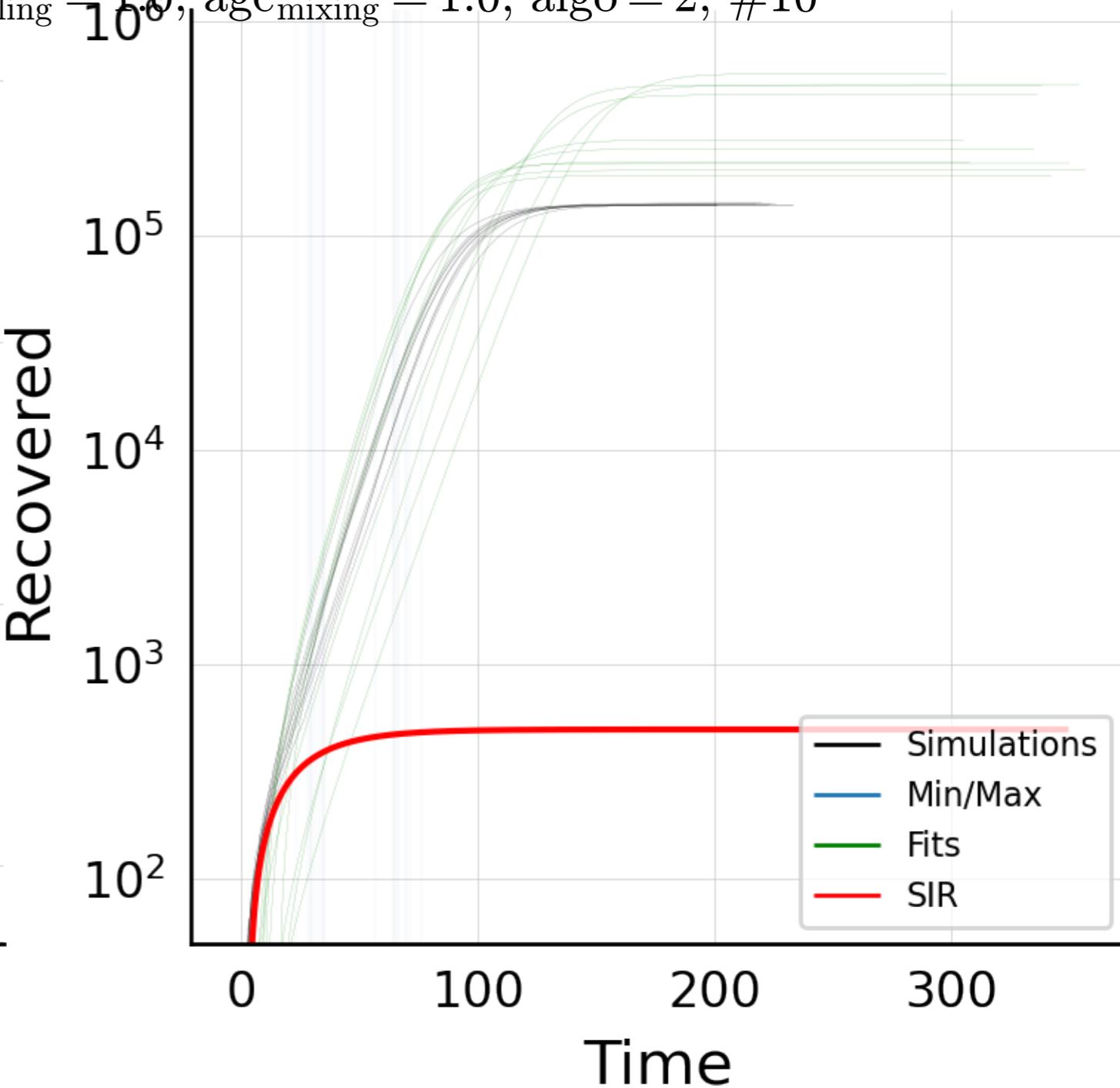
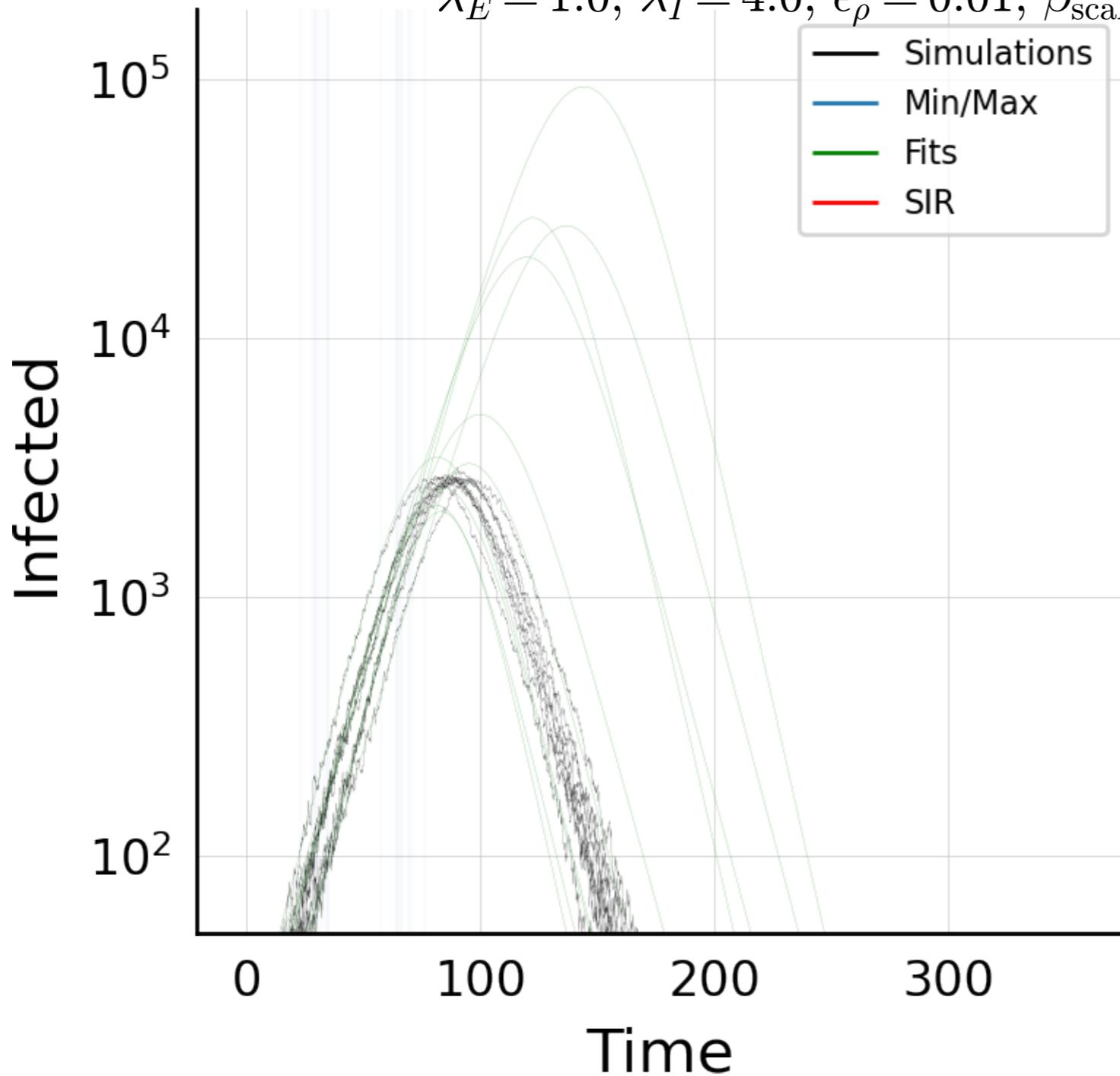
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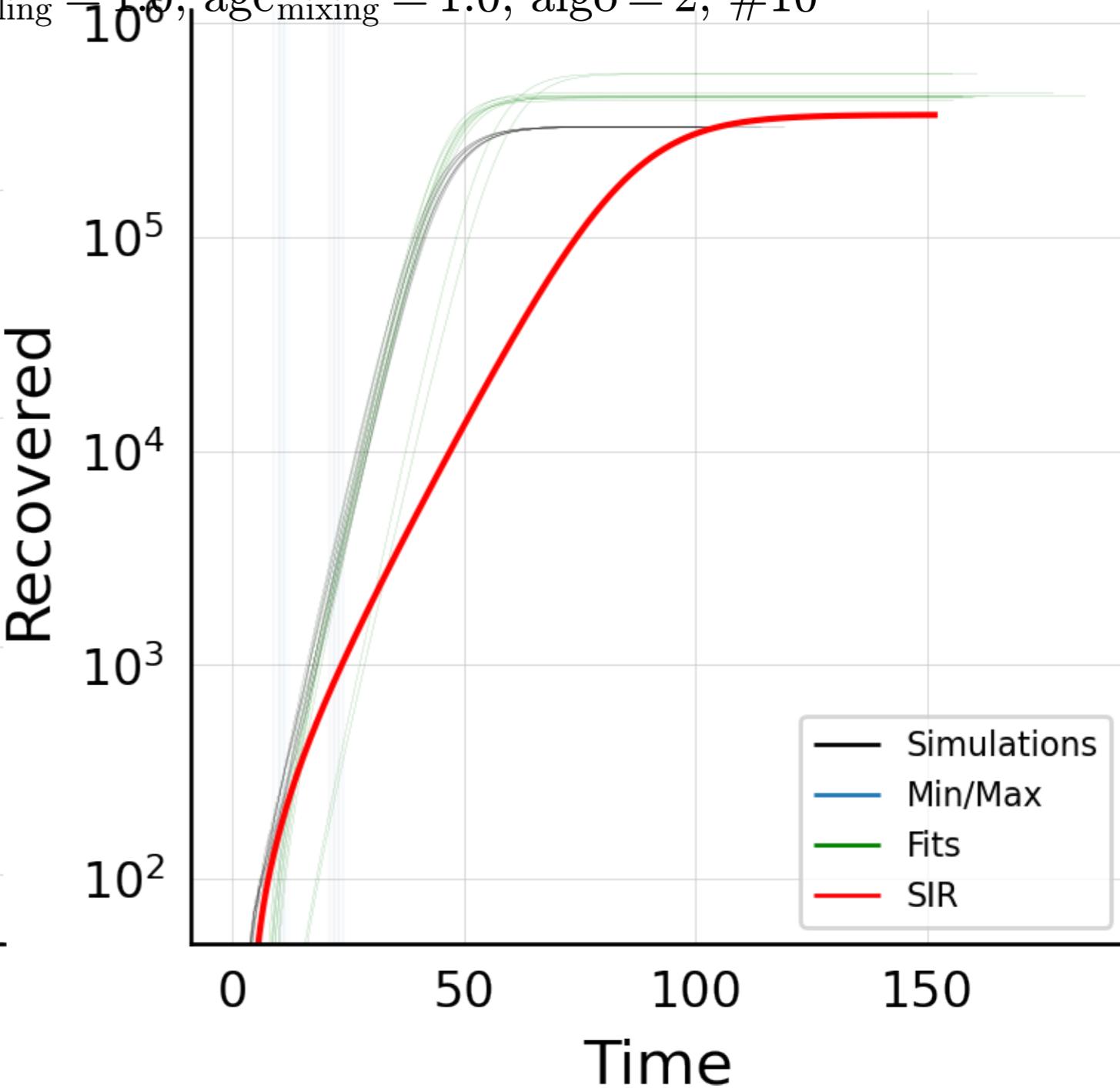
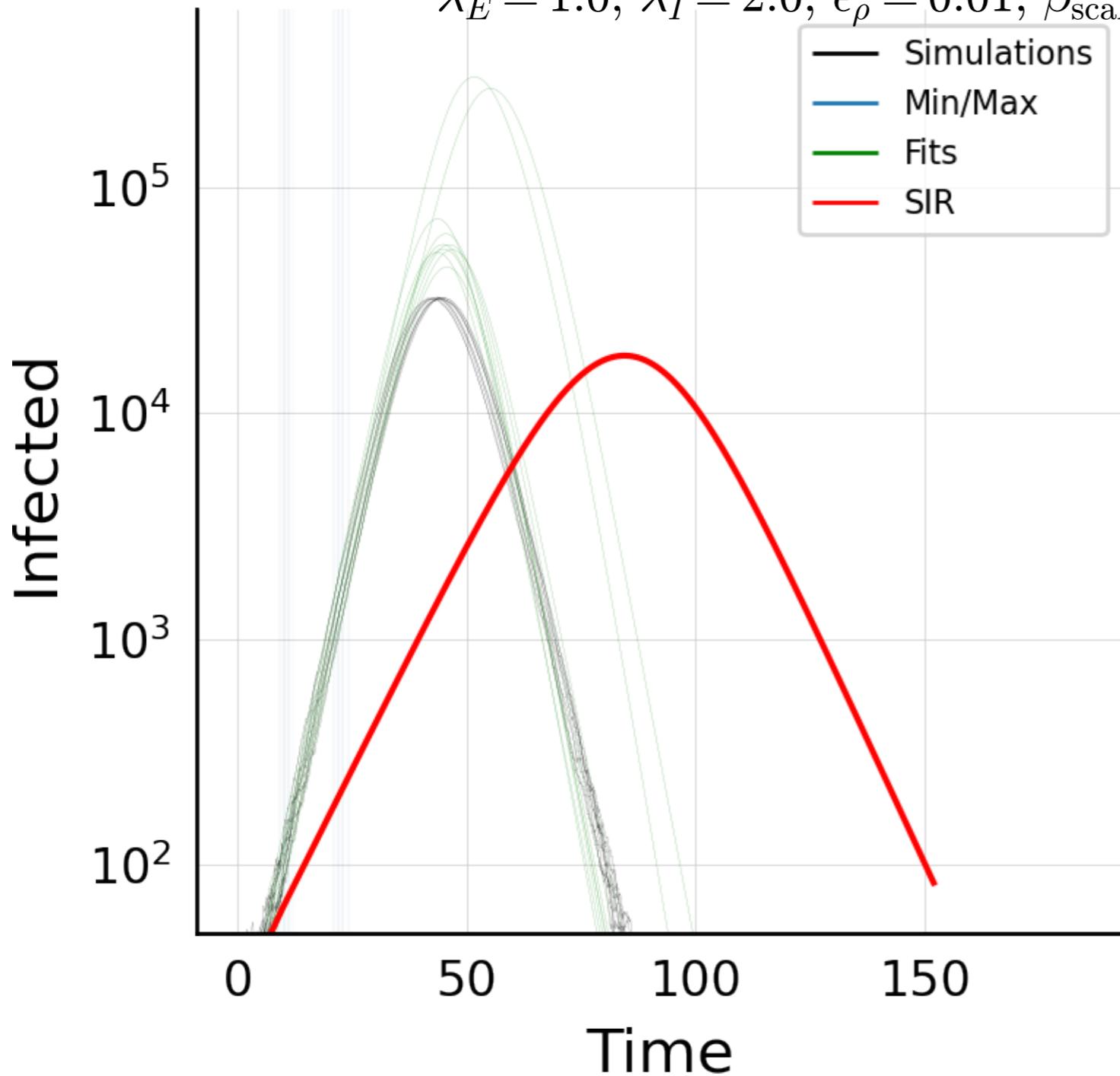
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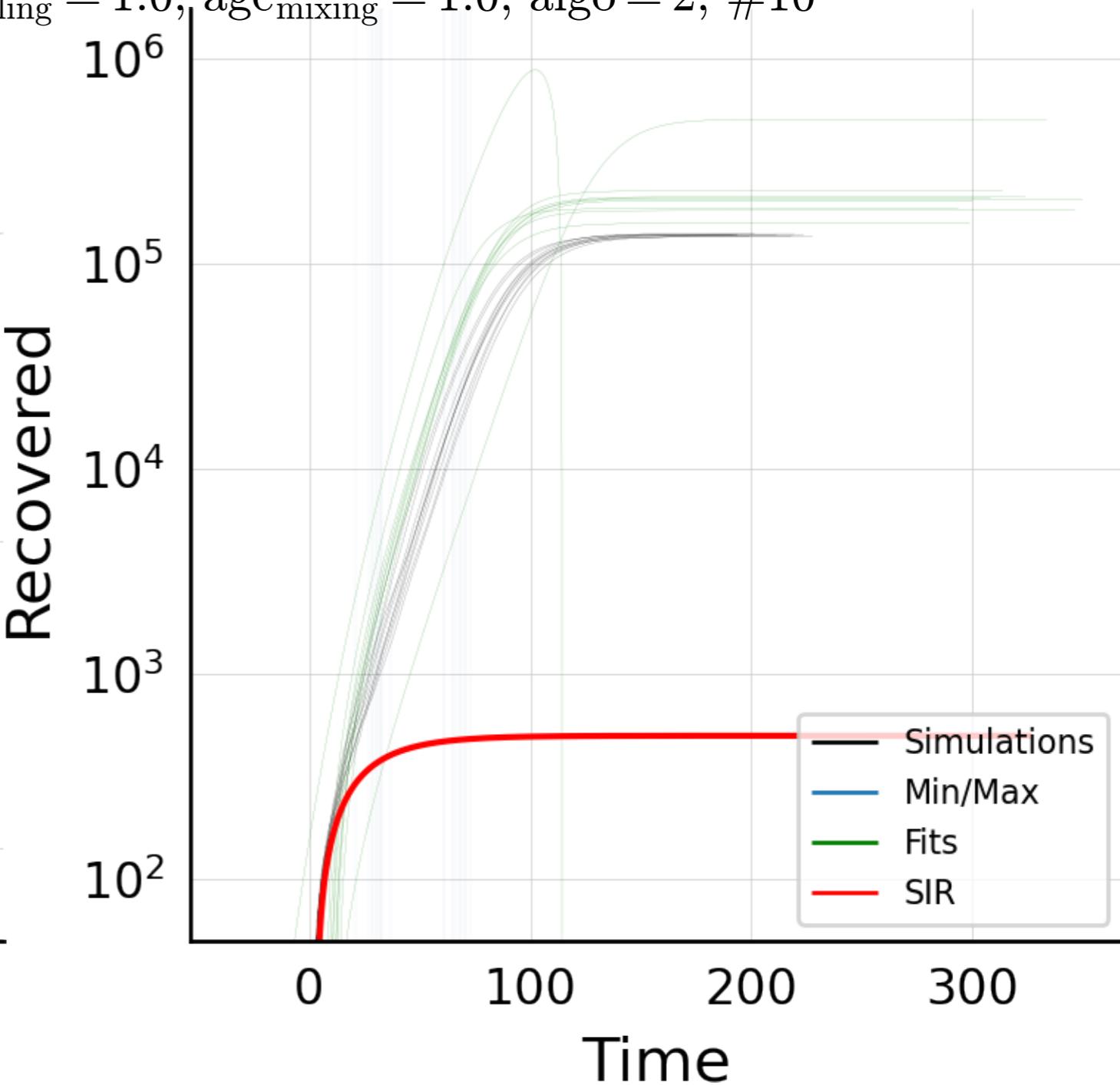
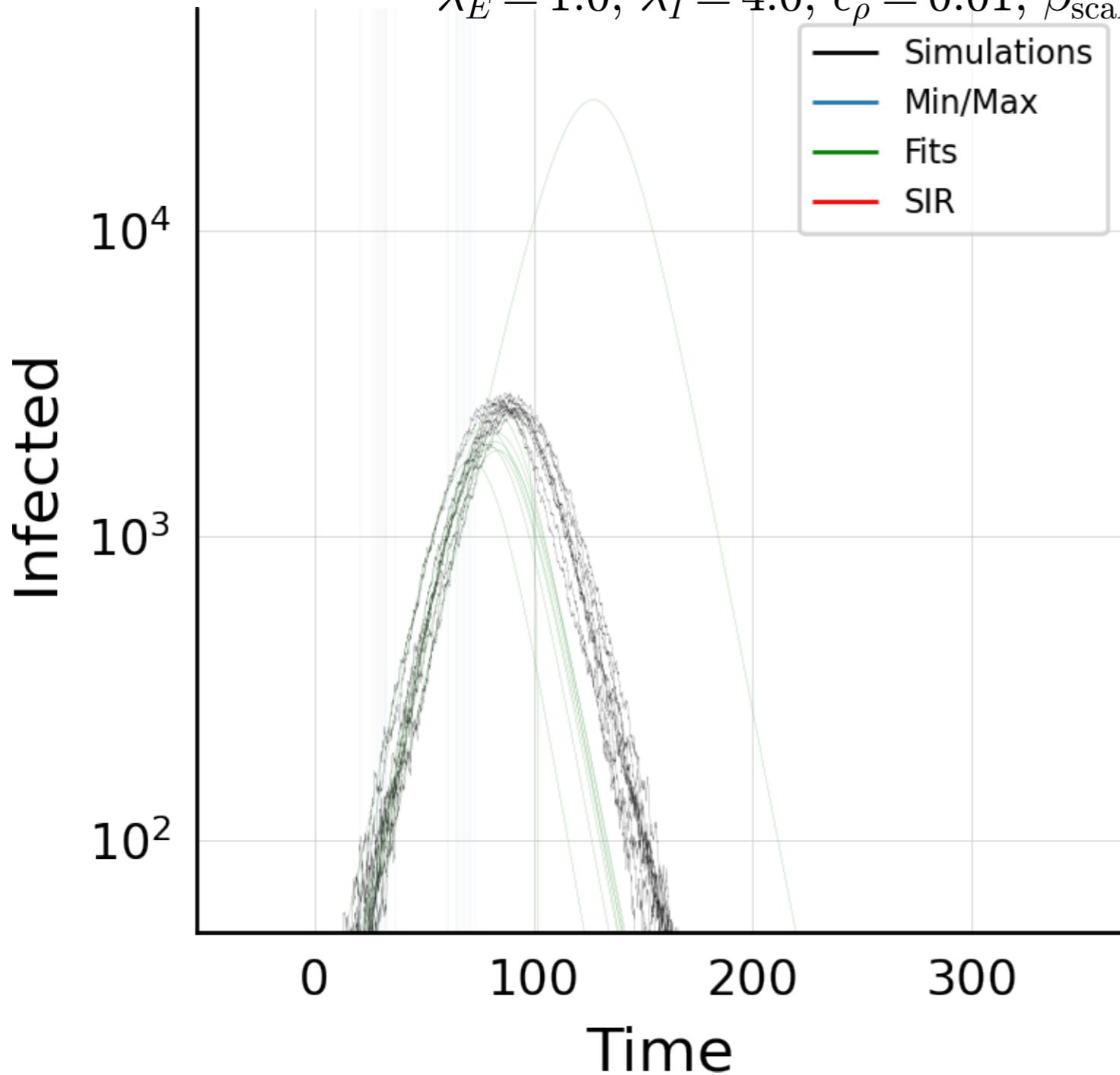
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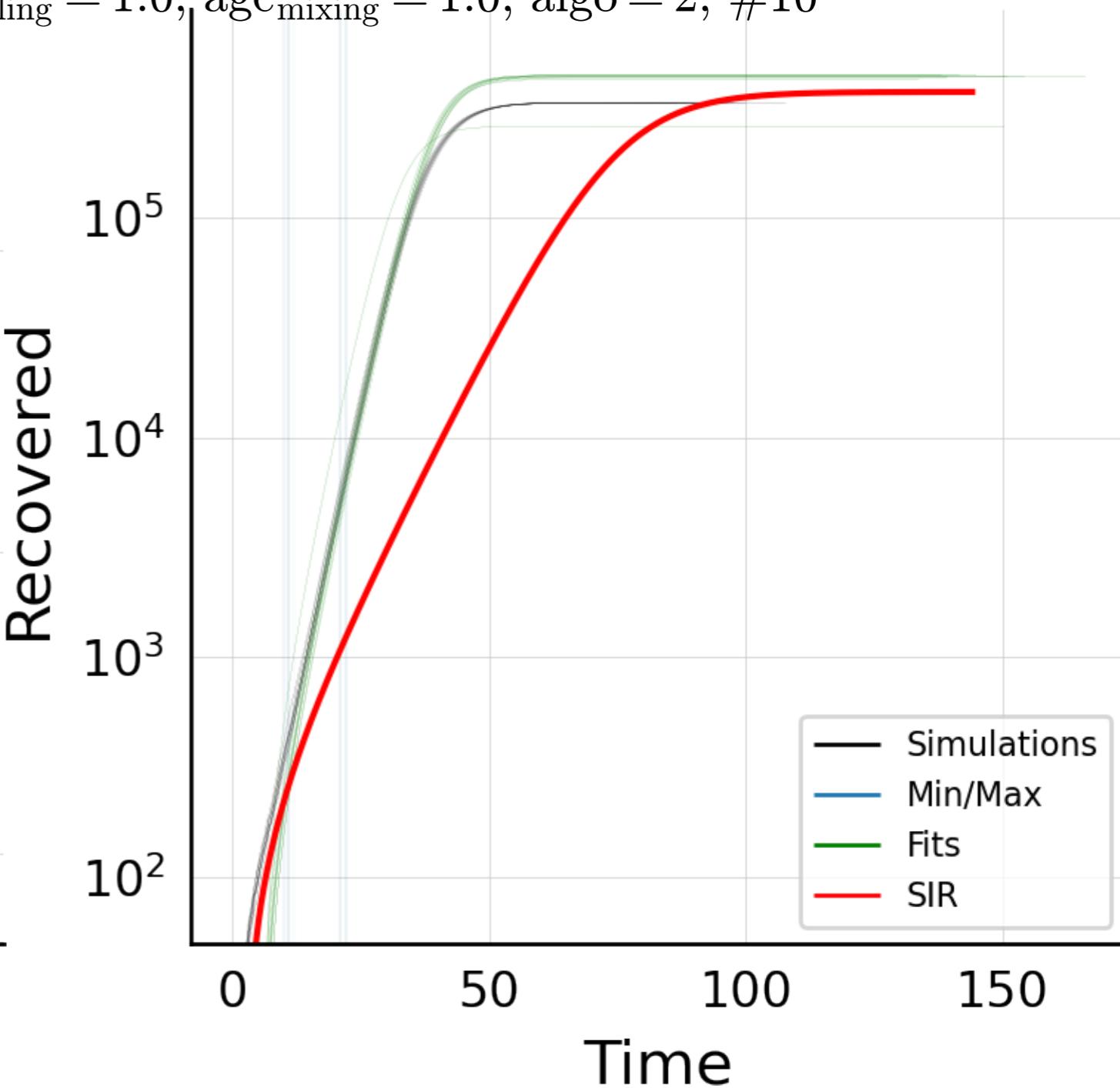
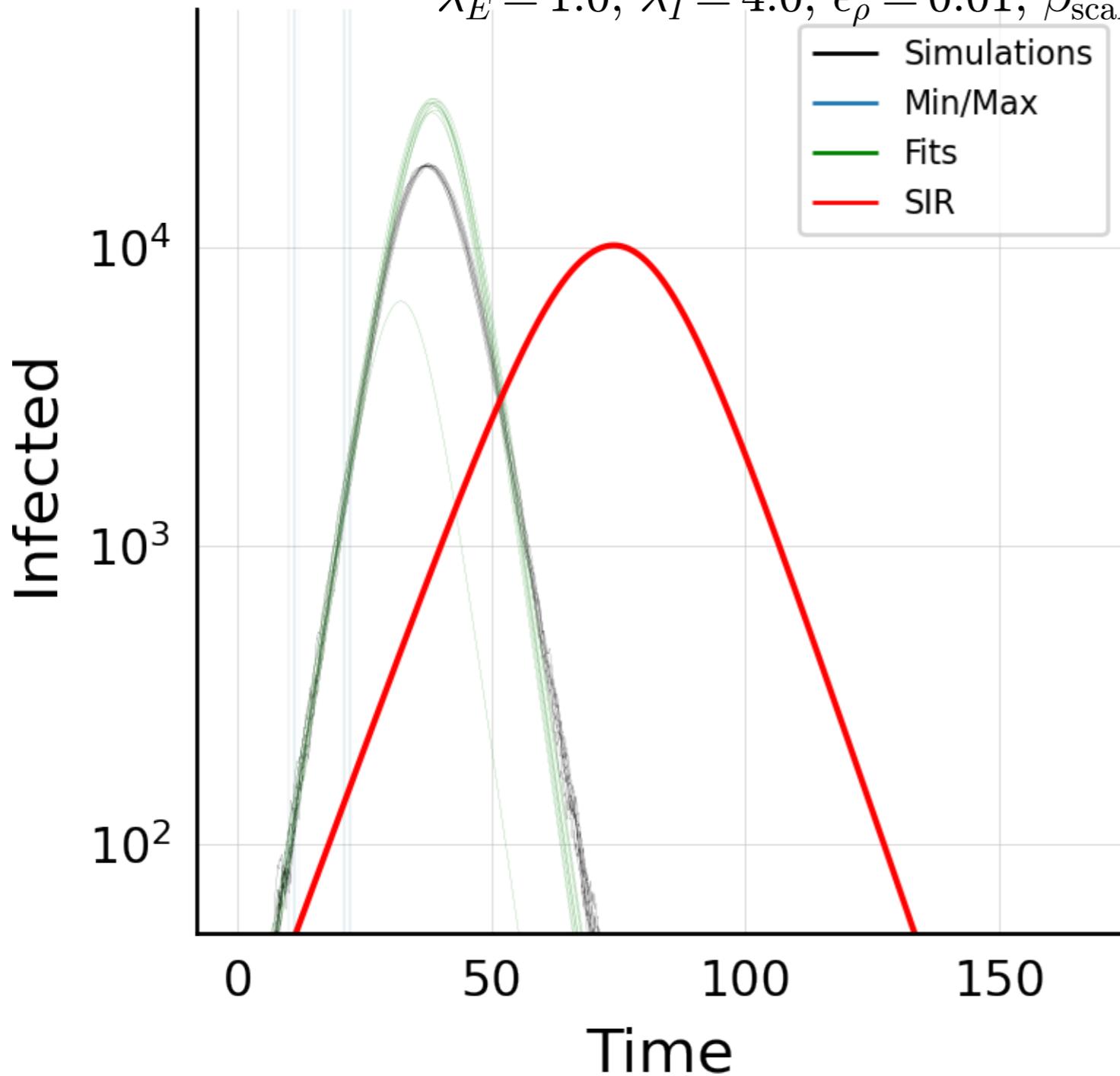
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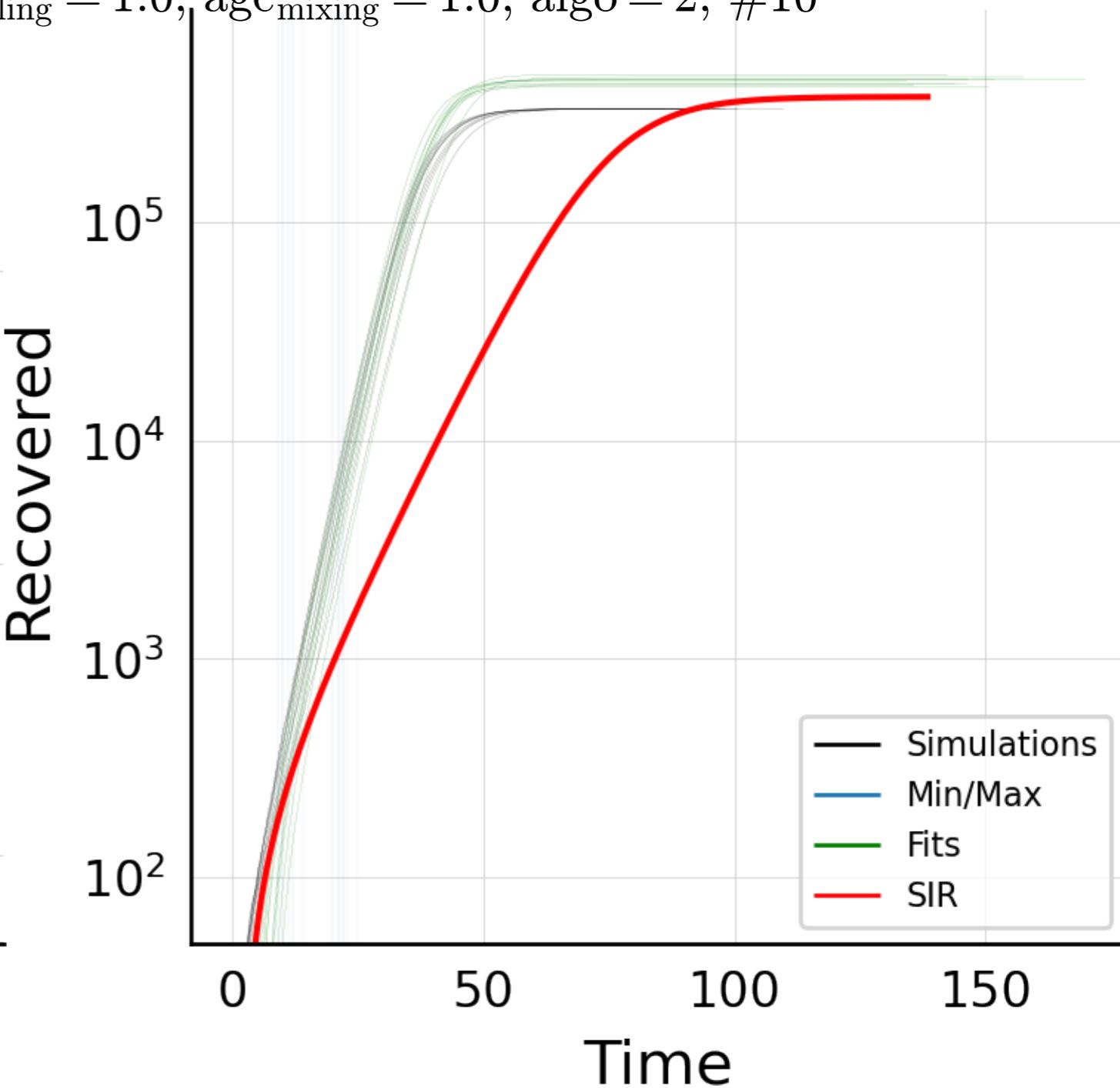
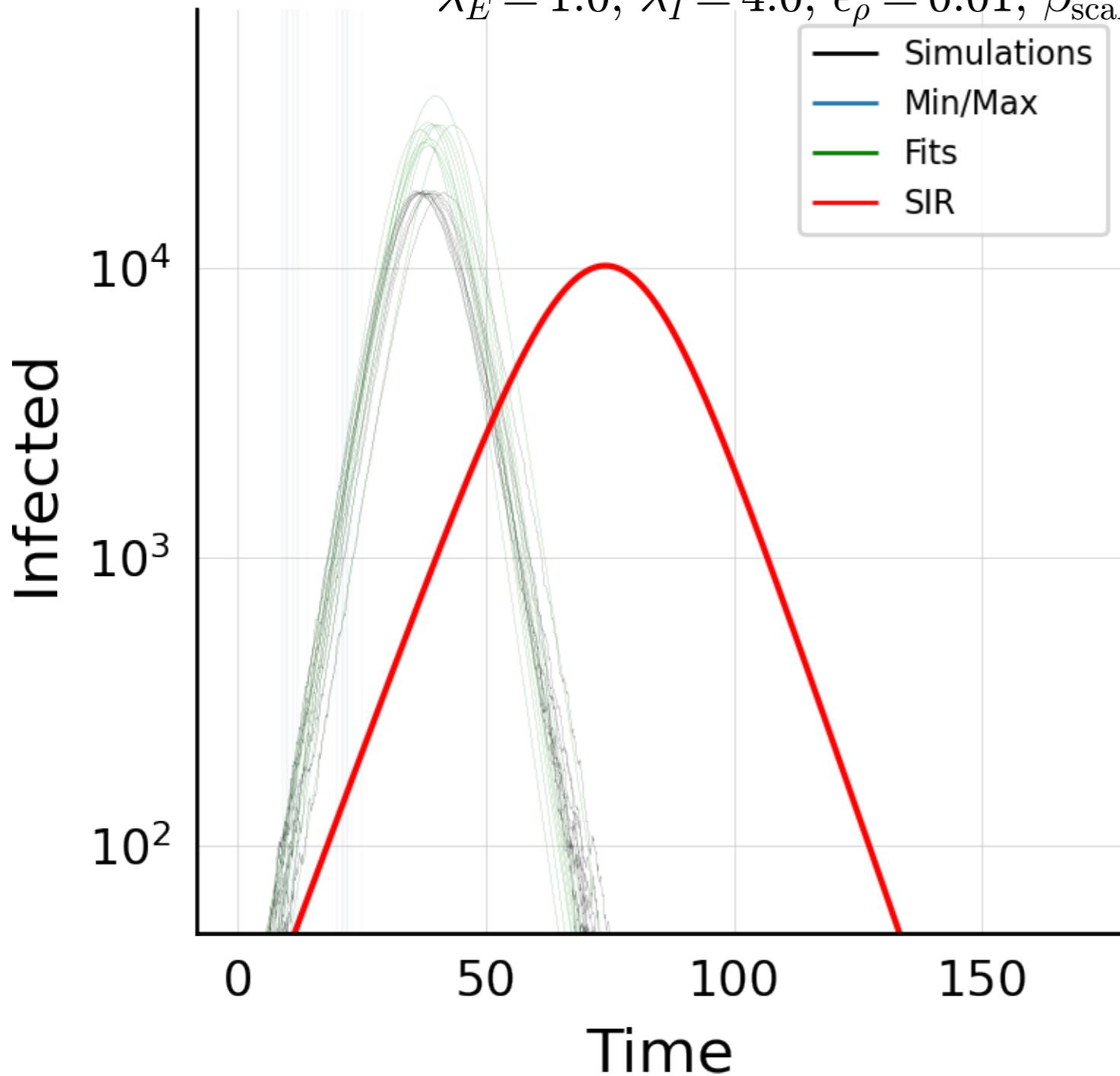
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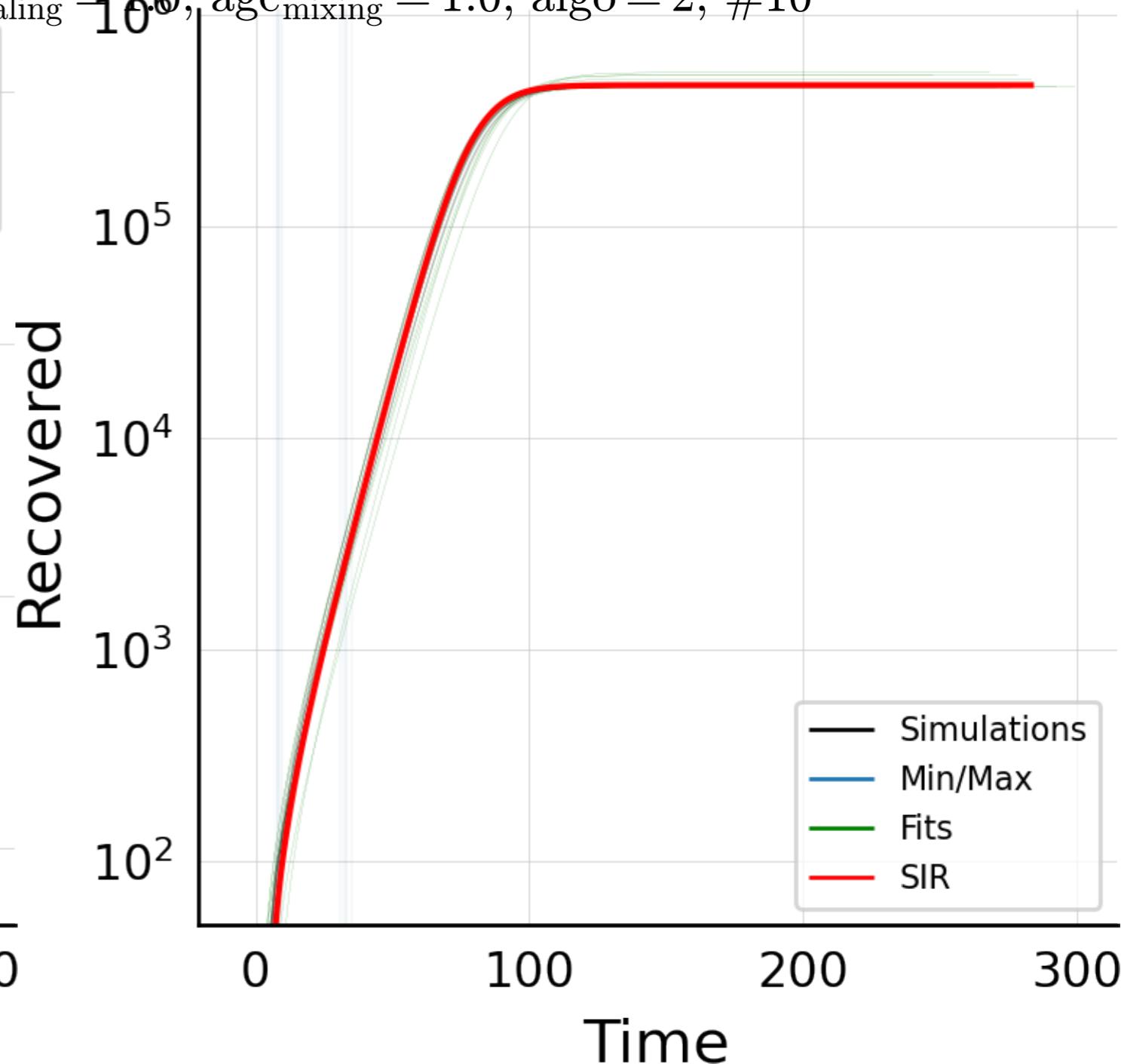
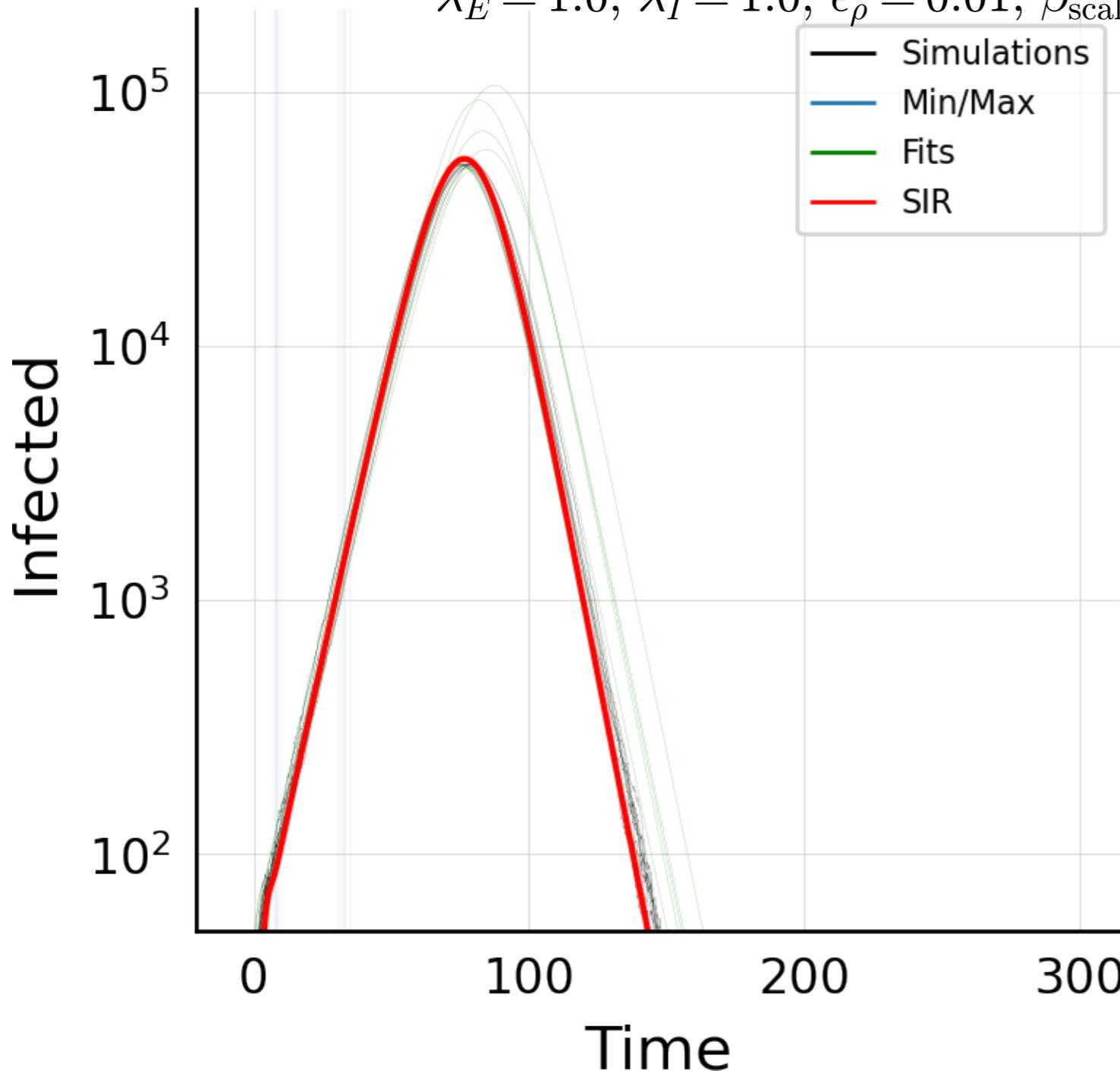
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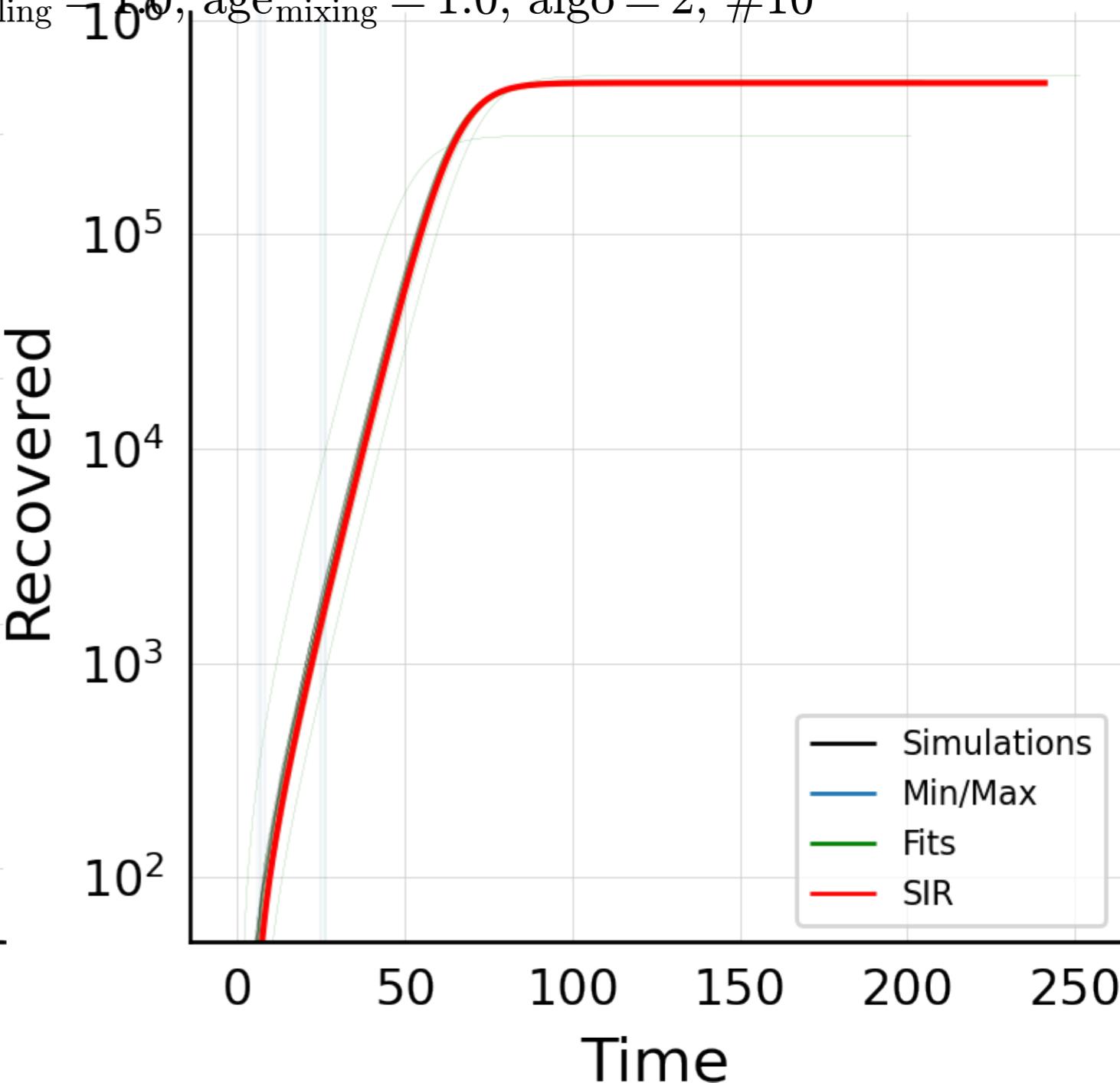
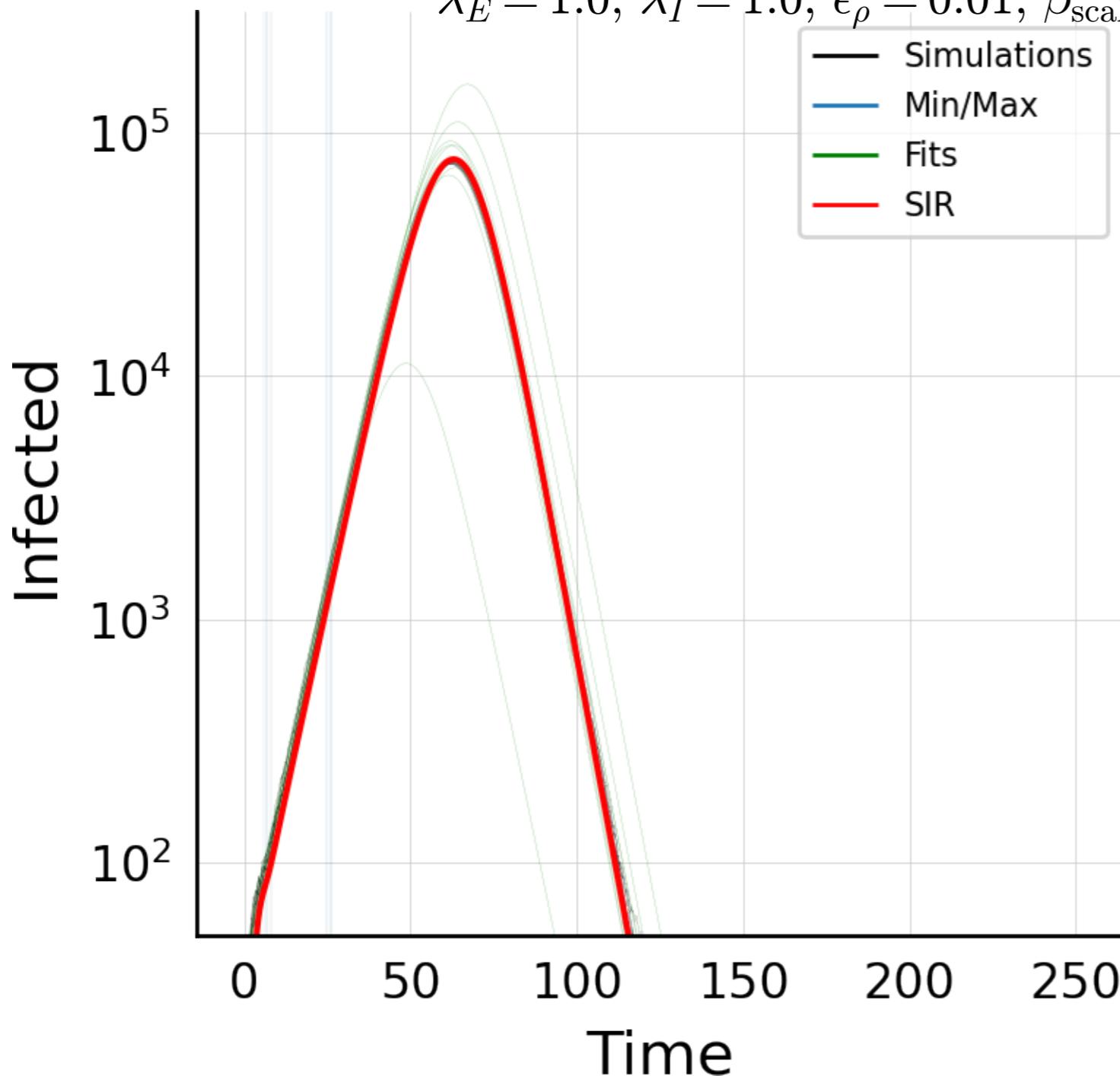
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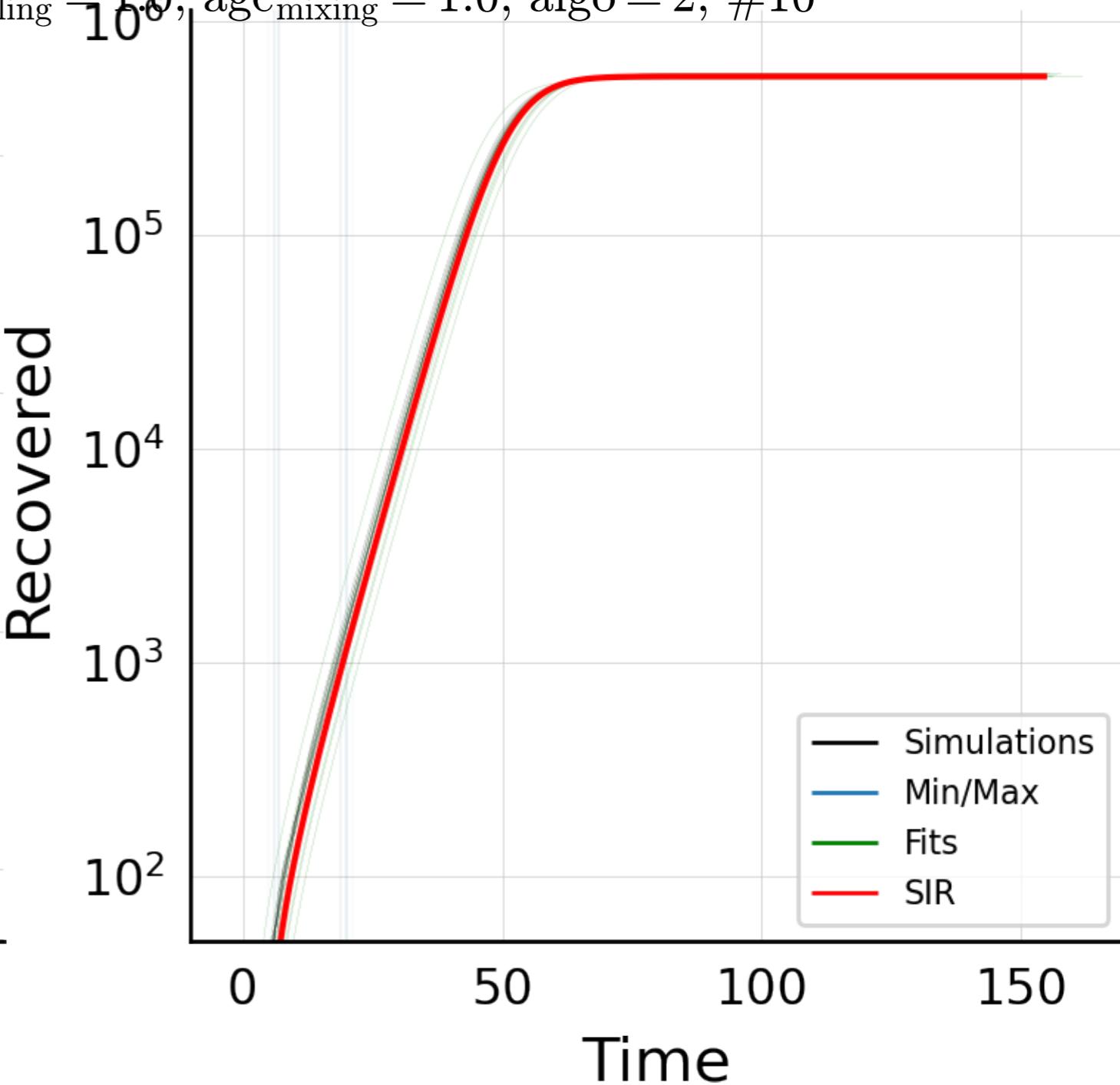
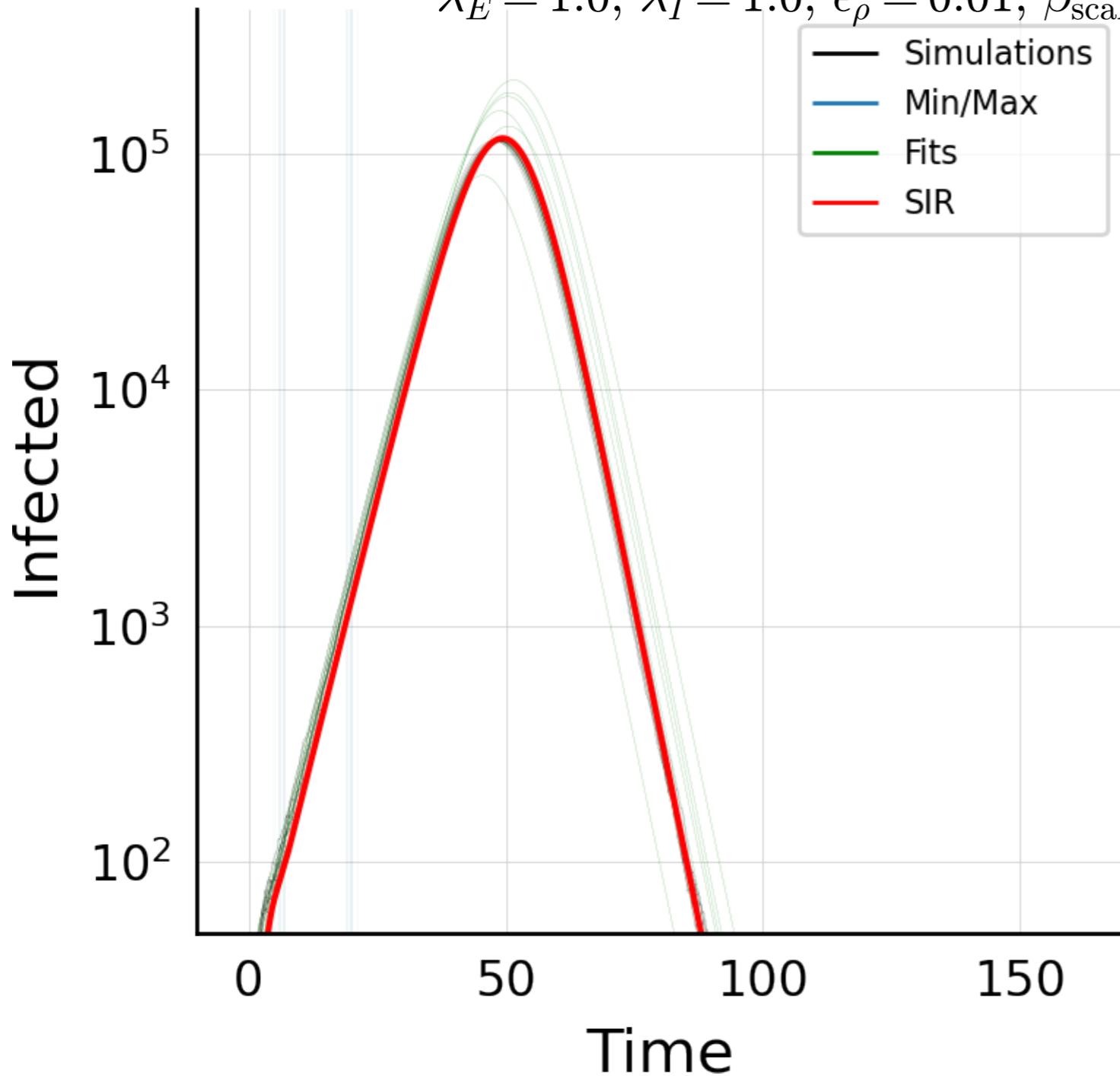
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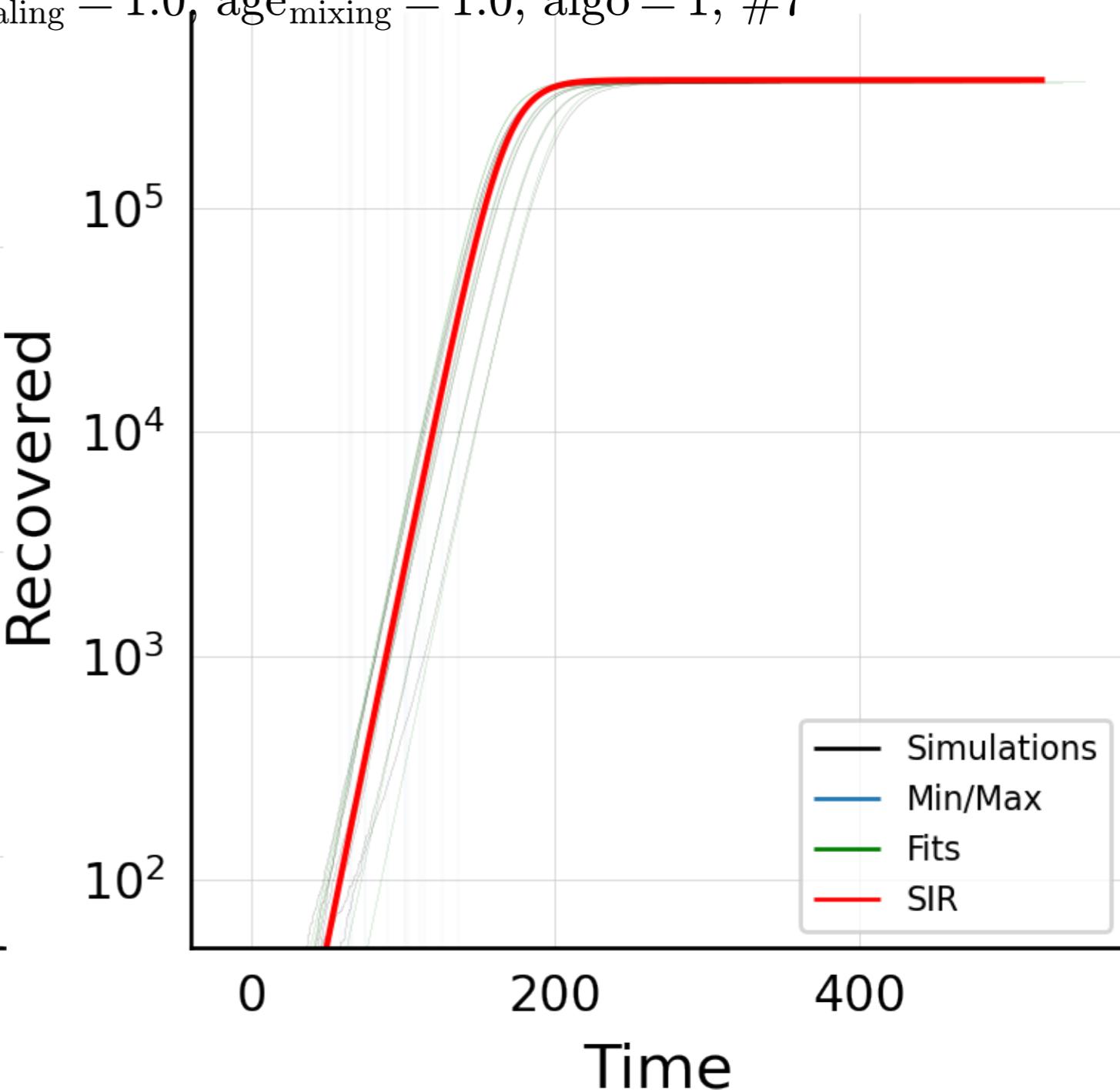
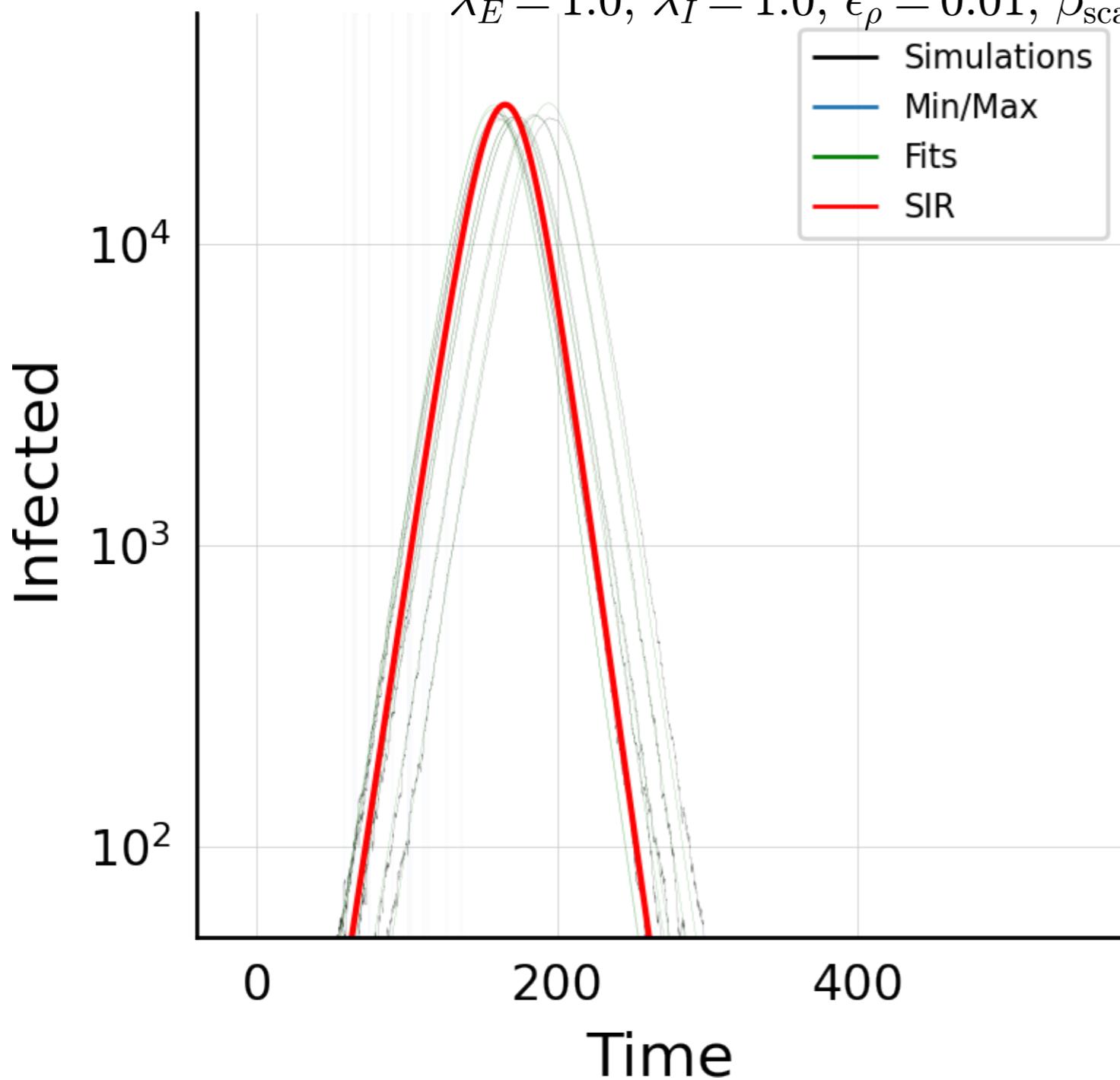
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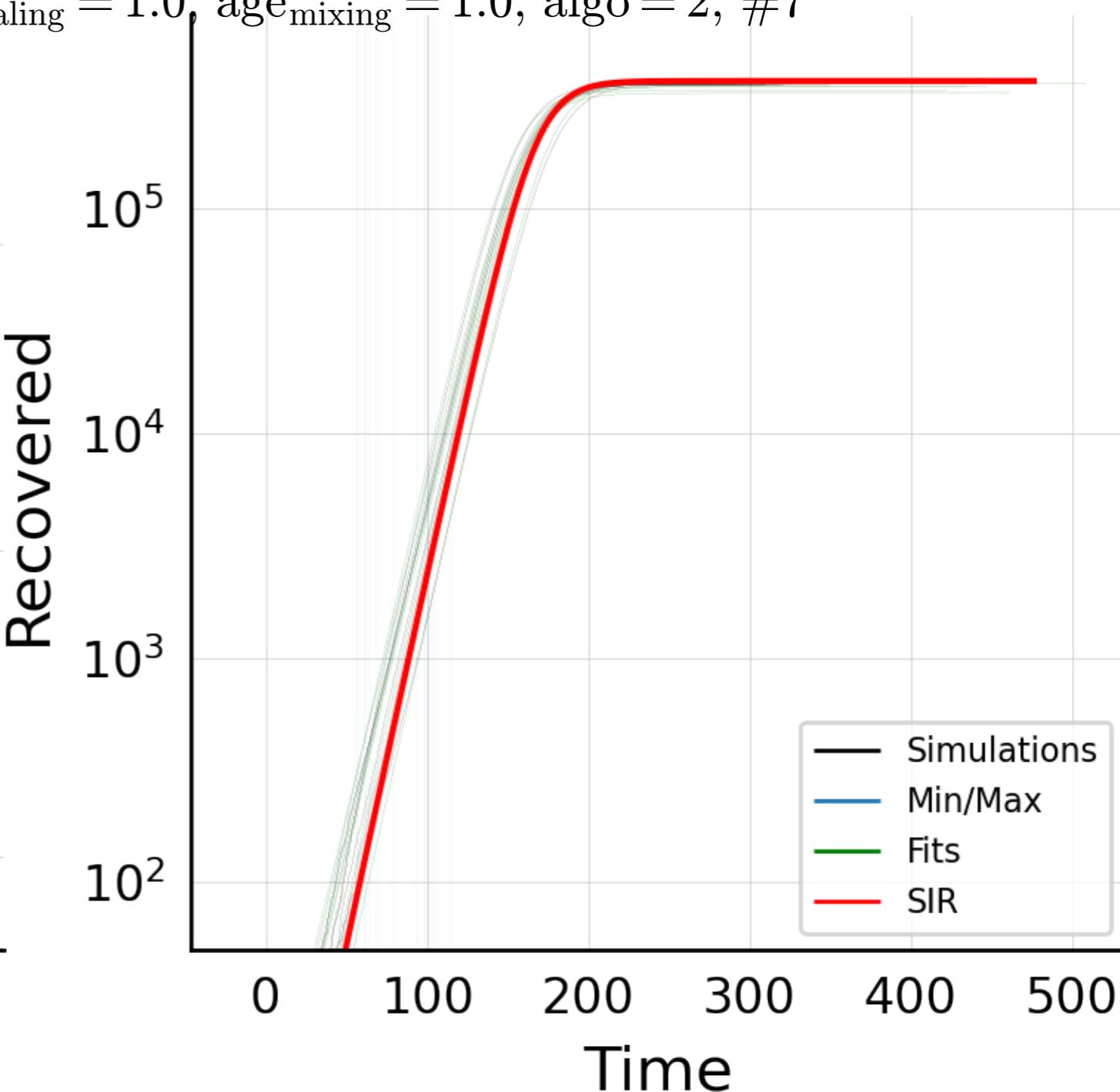
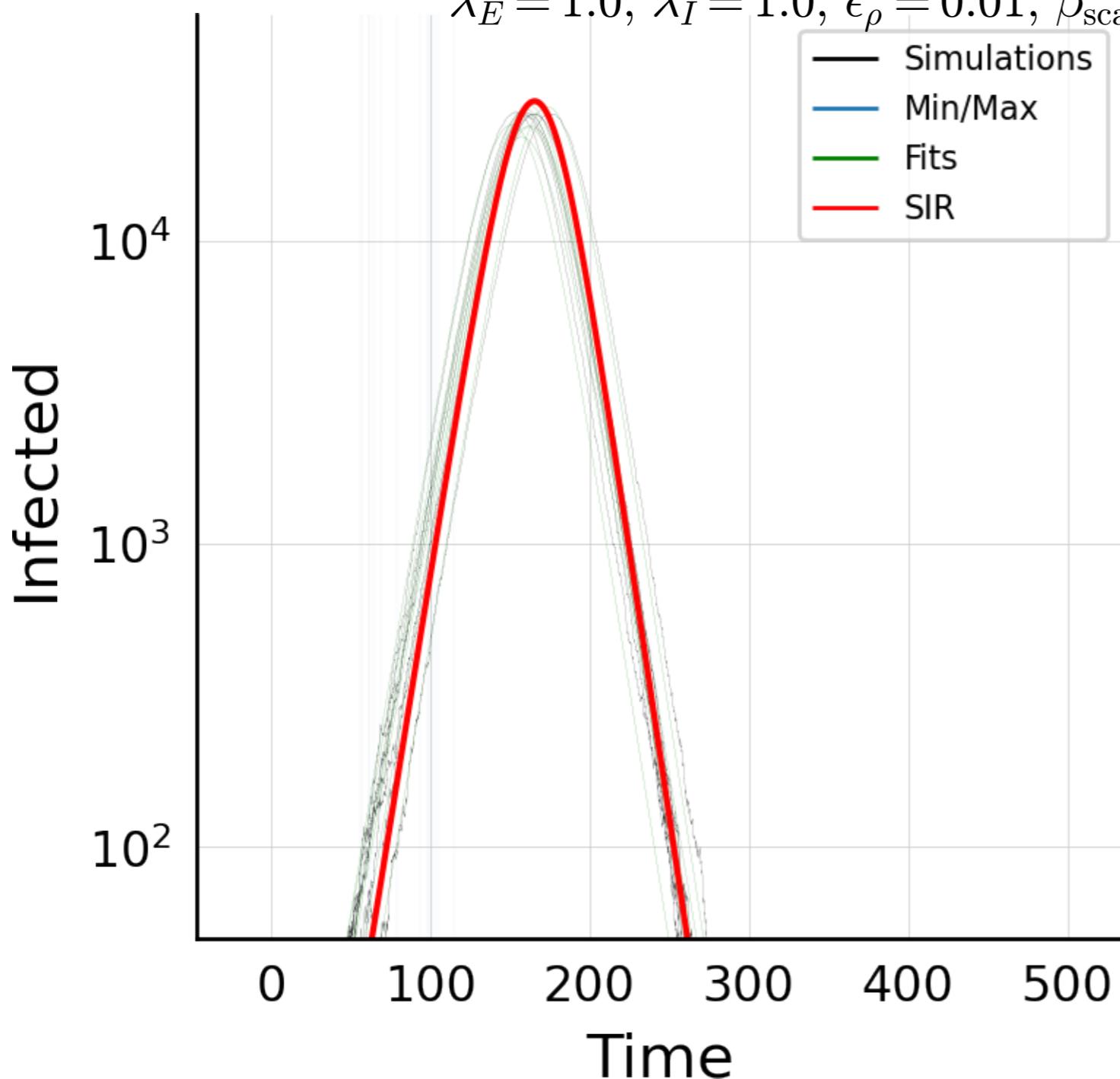
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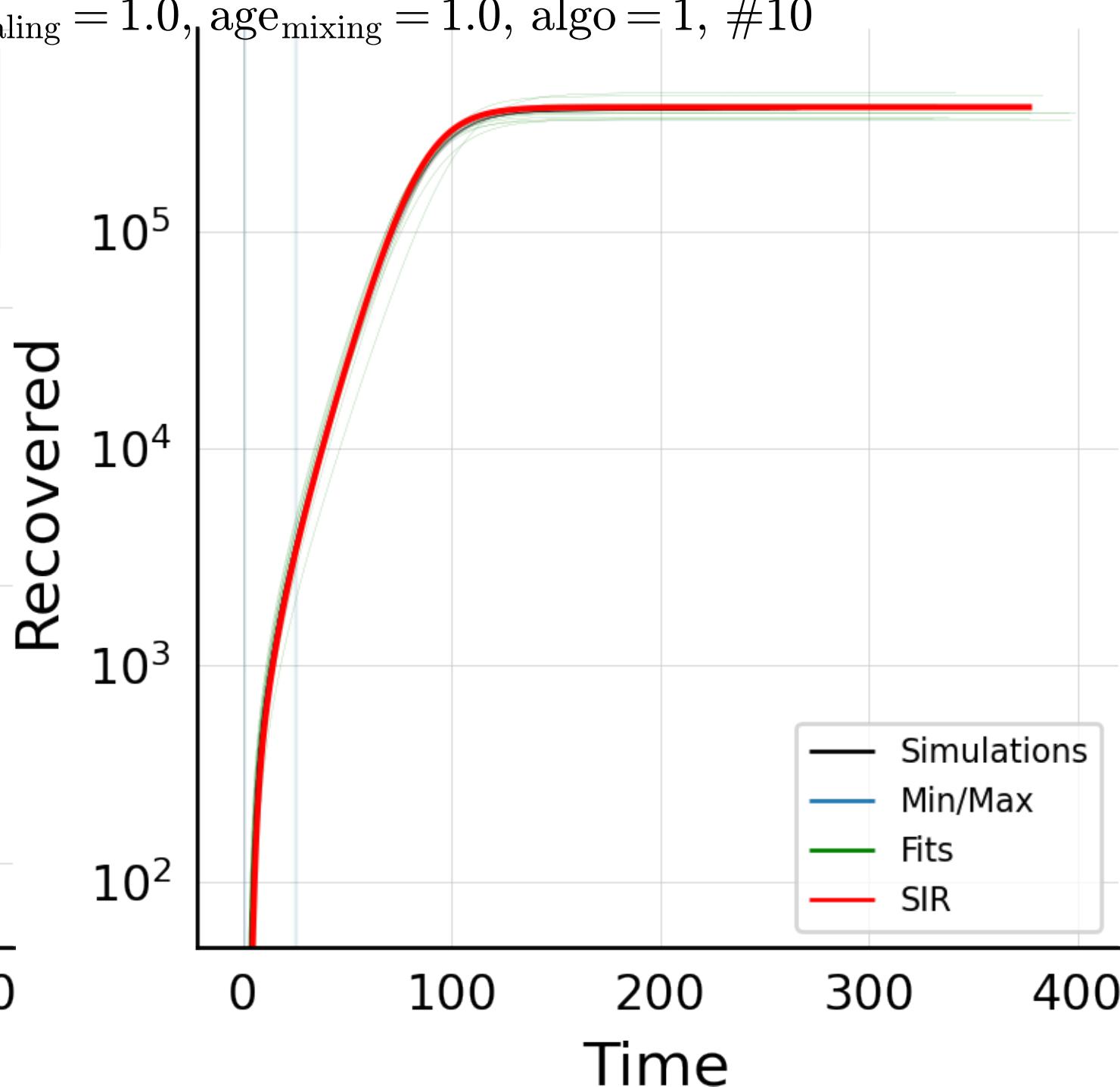
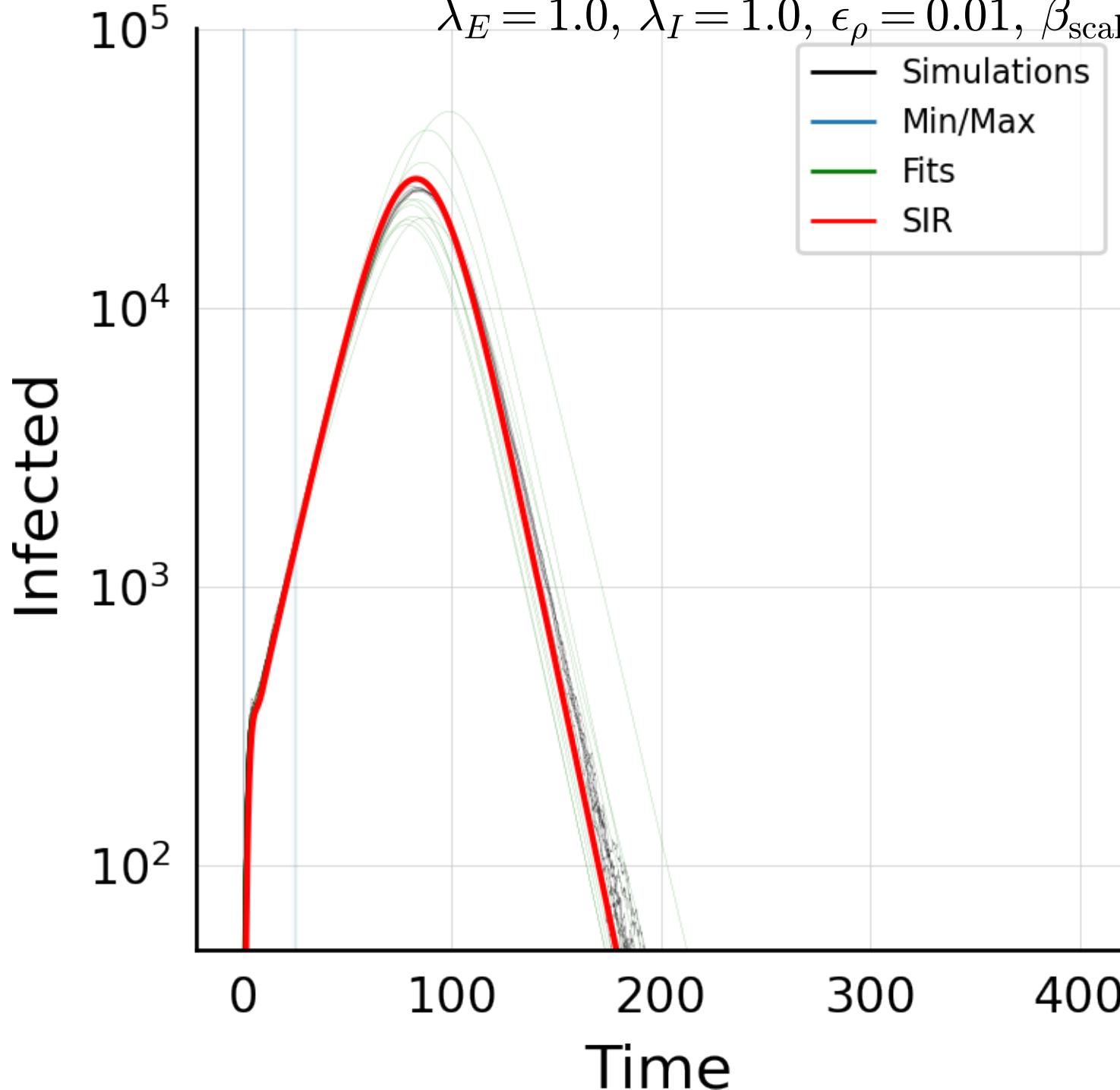
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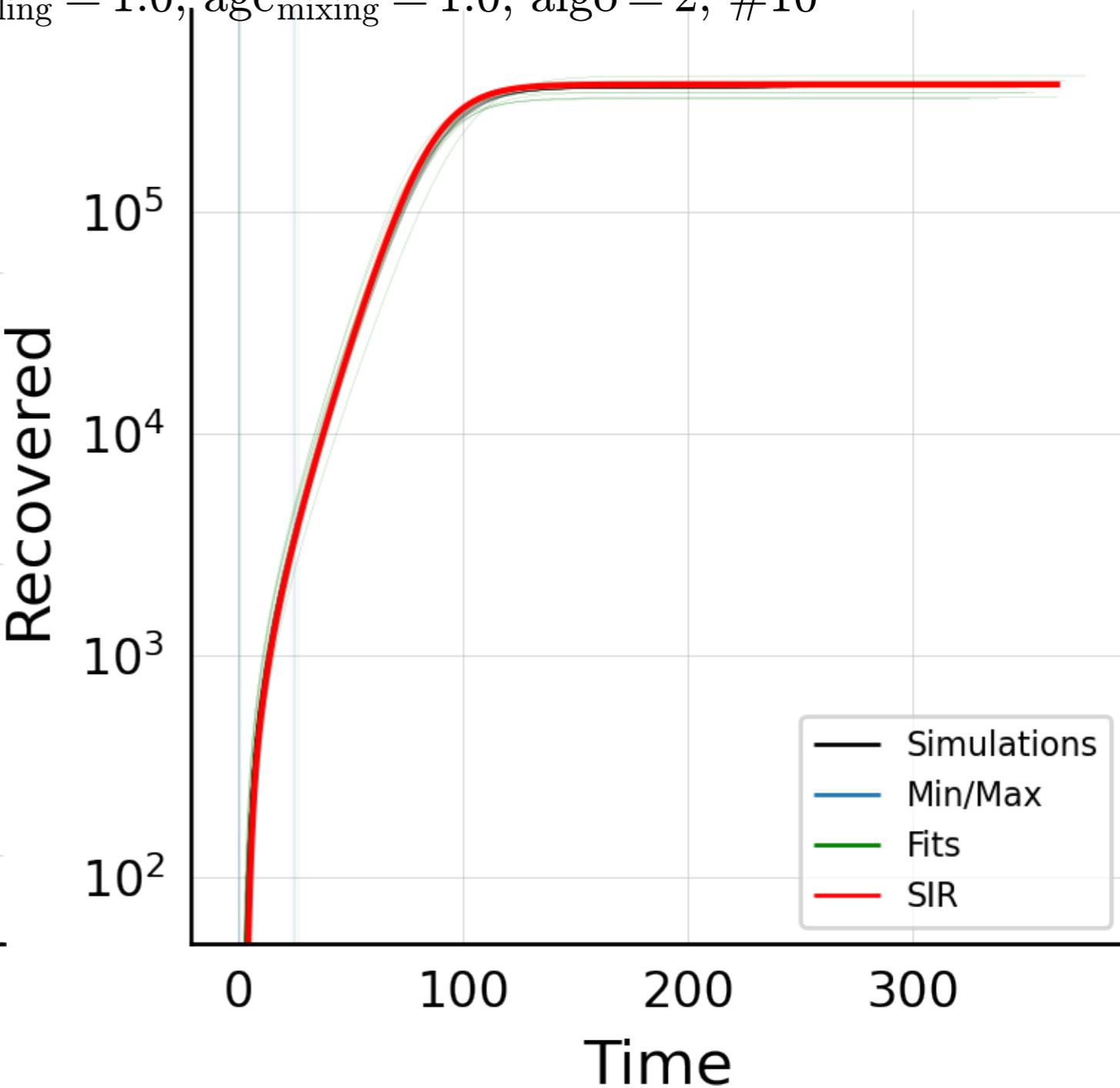
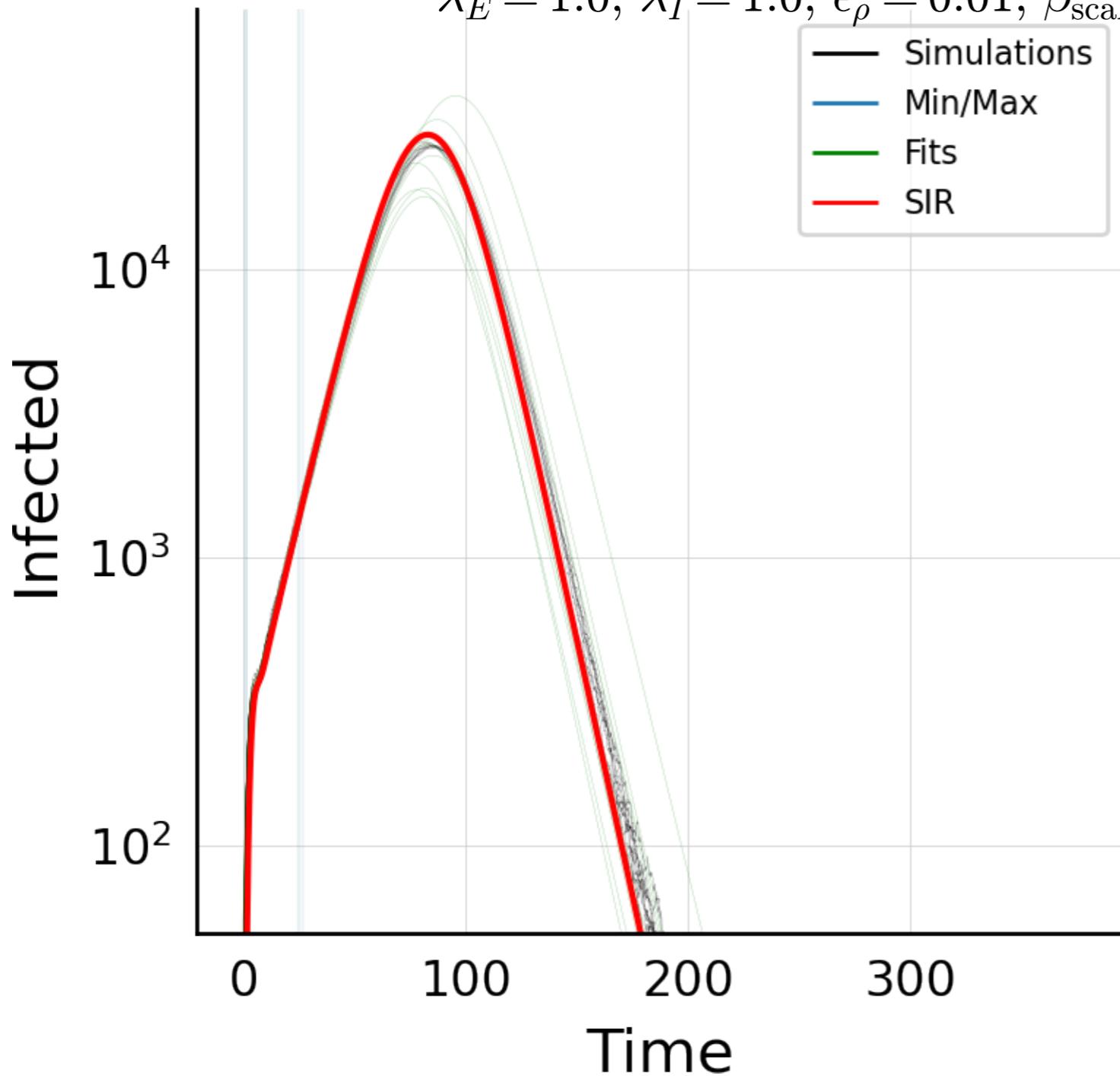
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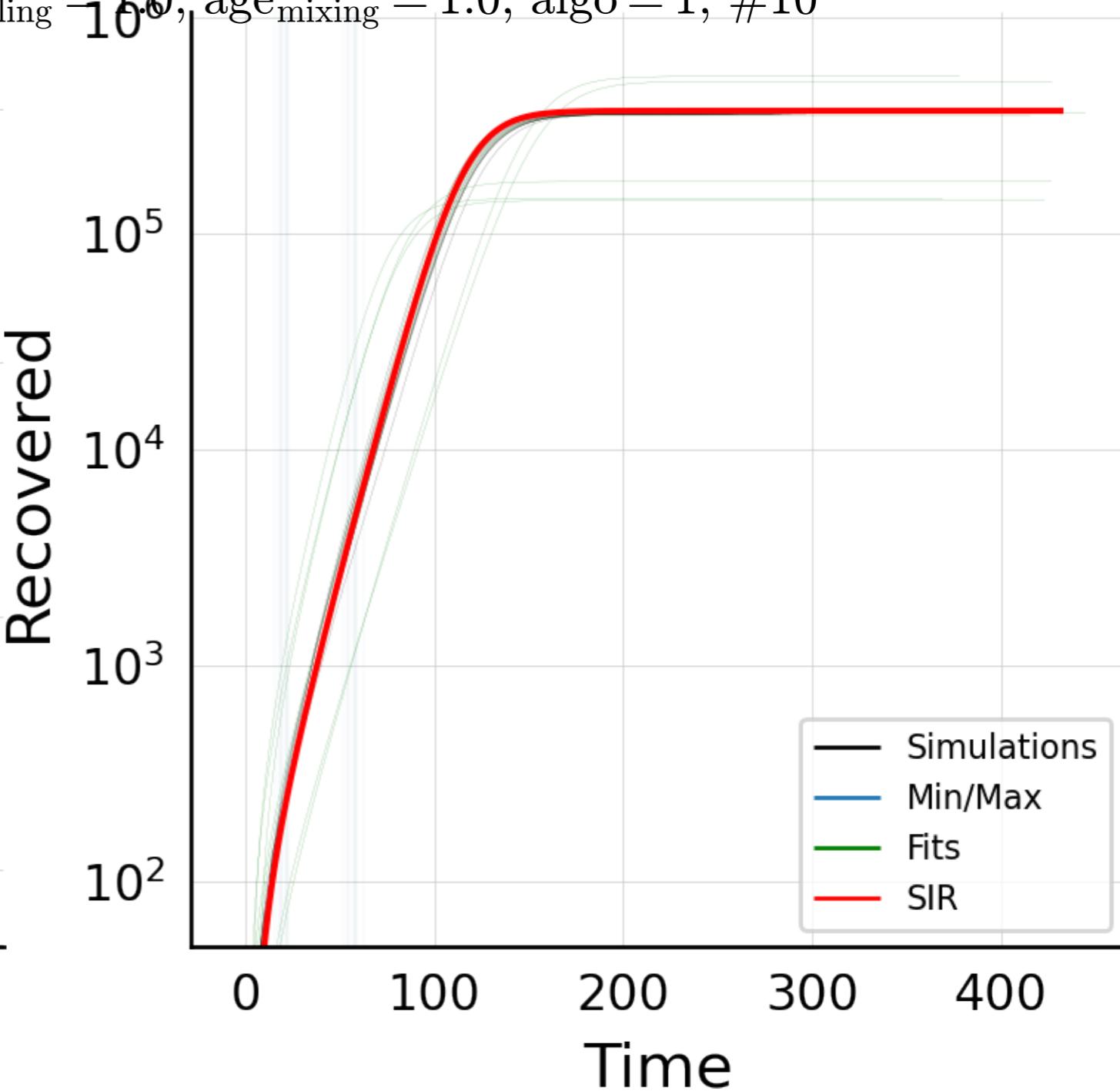
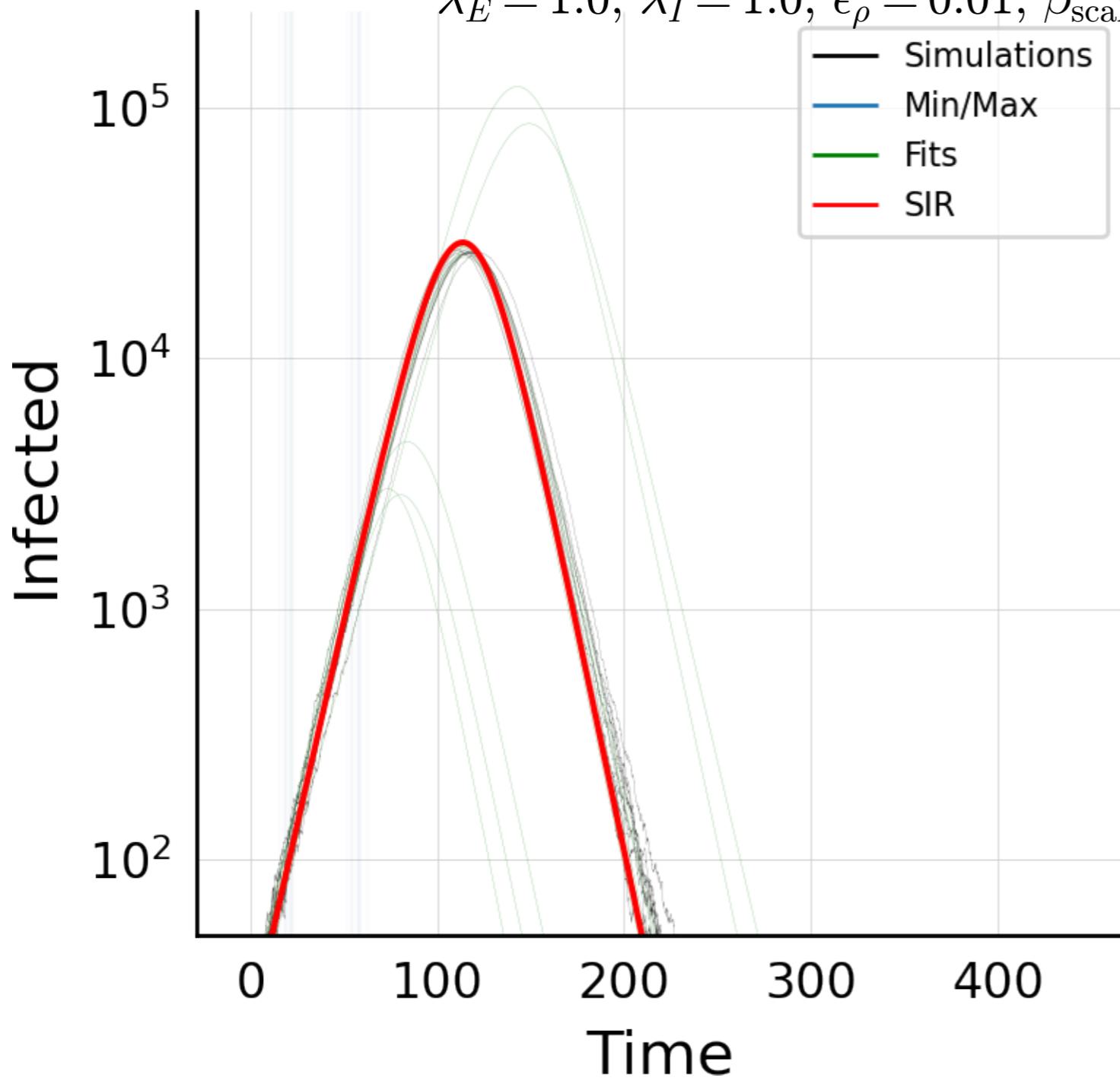
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



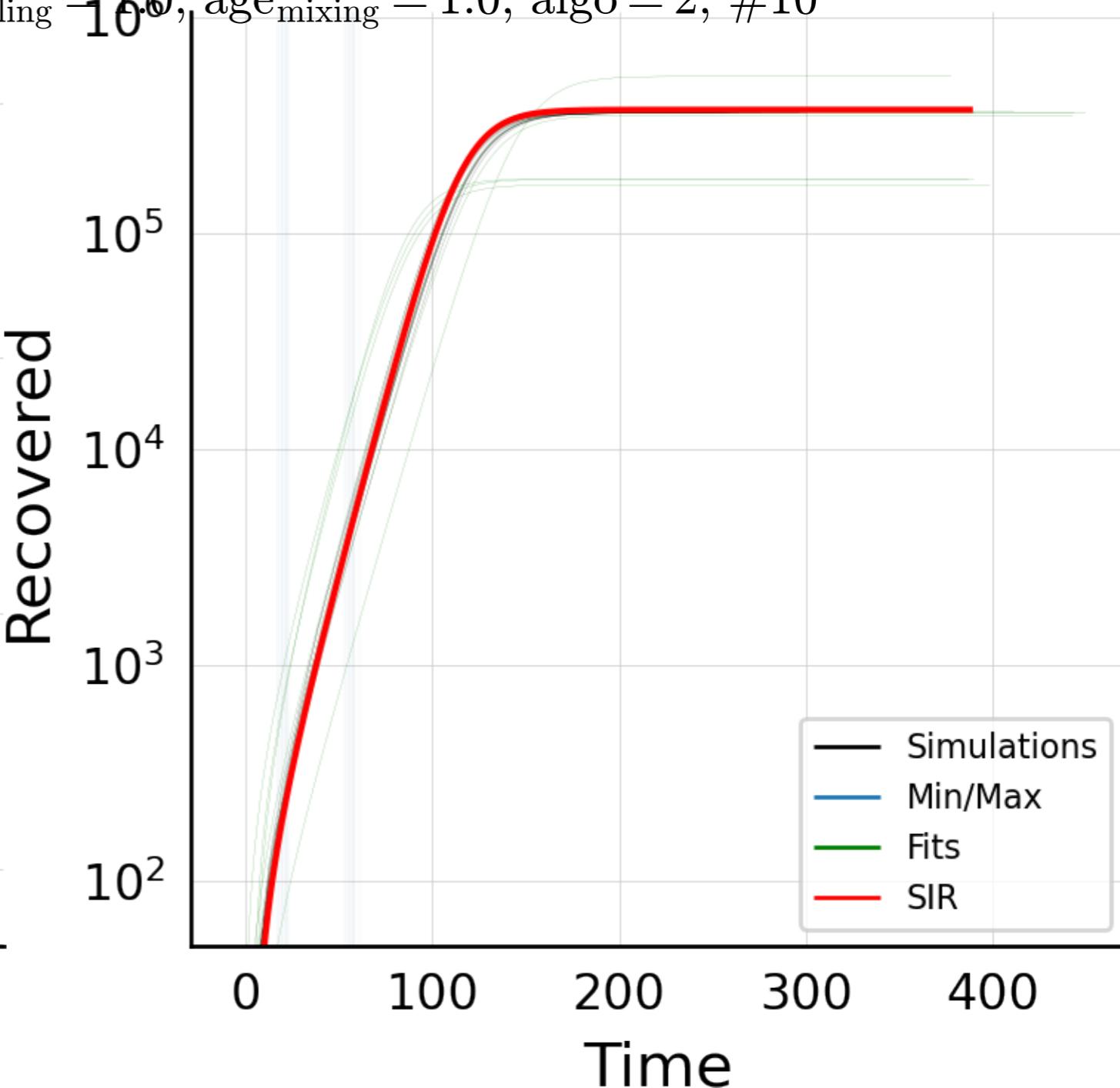
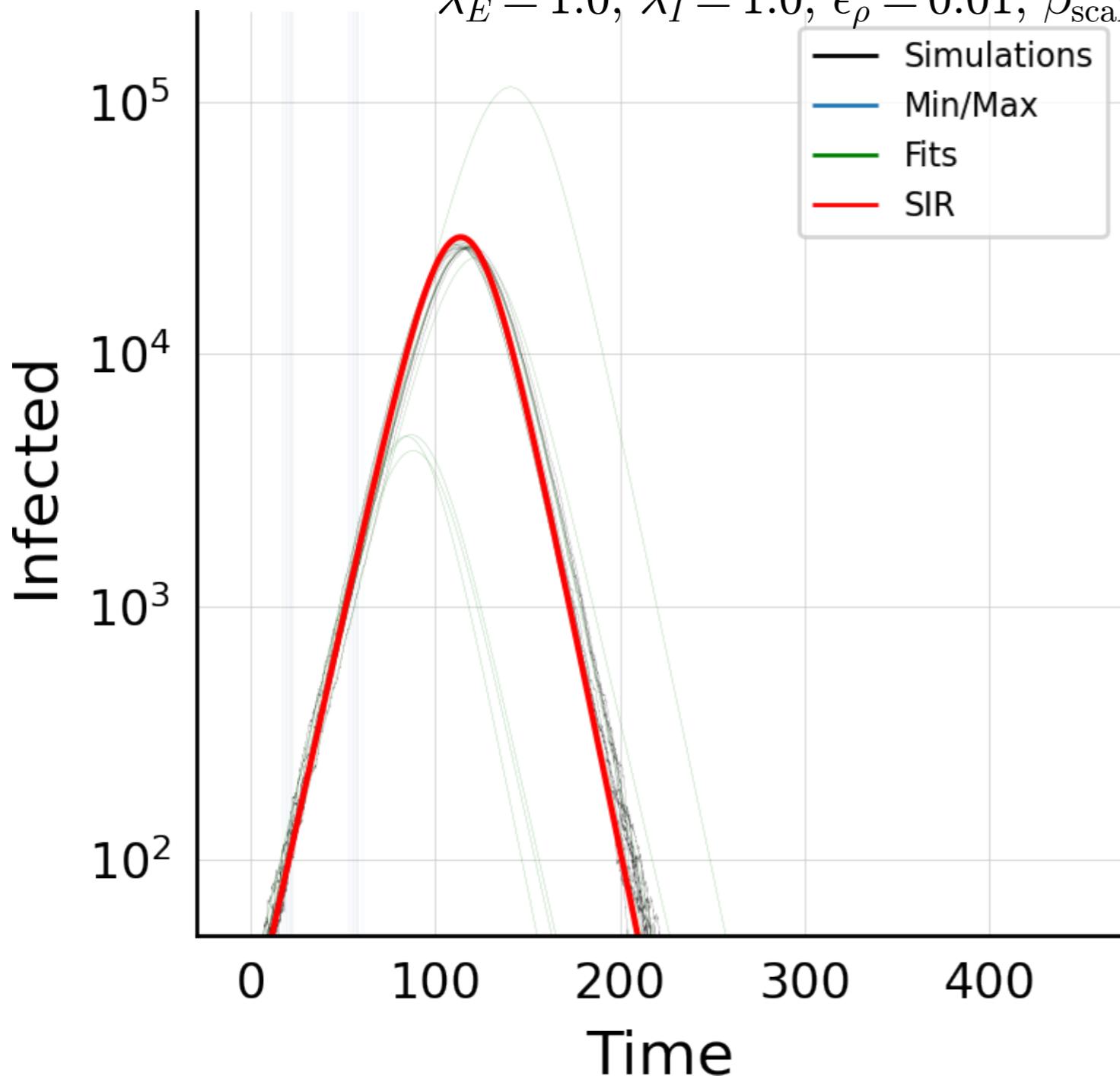
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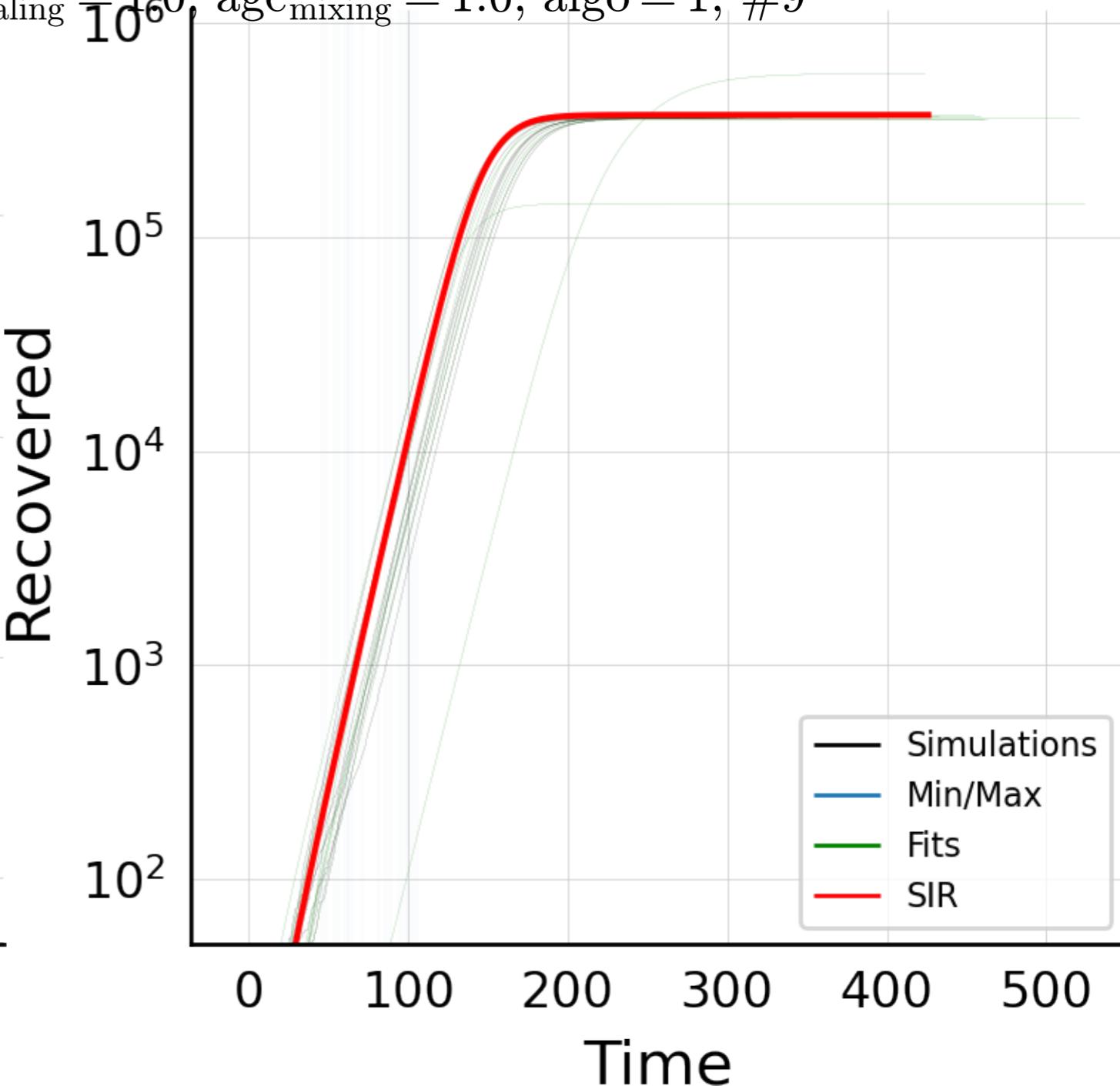
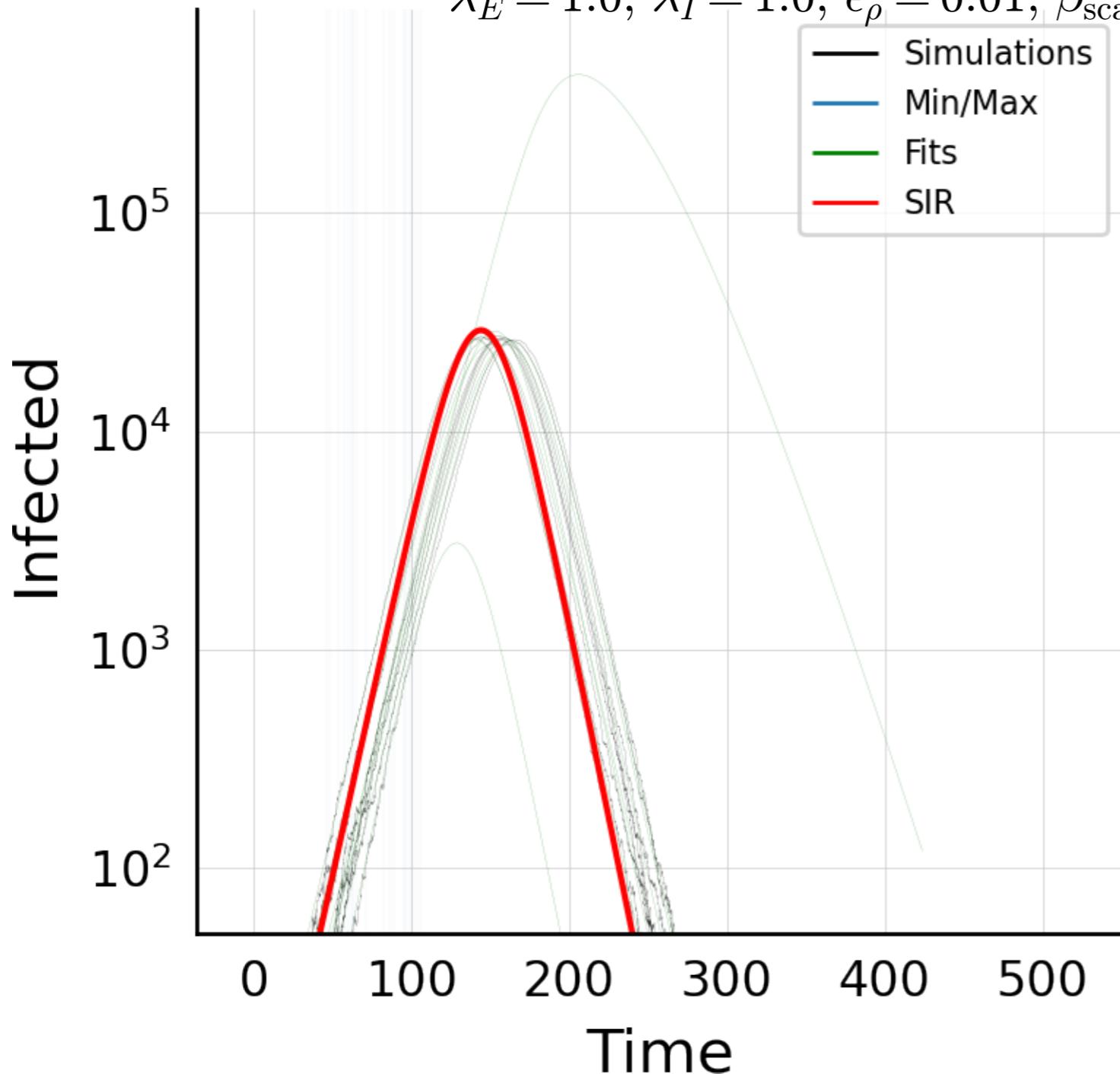
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 50$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 50$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 5$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 10^{16.0}$, $\text{age mixing} = 1.0$, $\text{algo} = 1$, #9



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 5$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10

