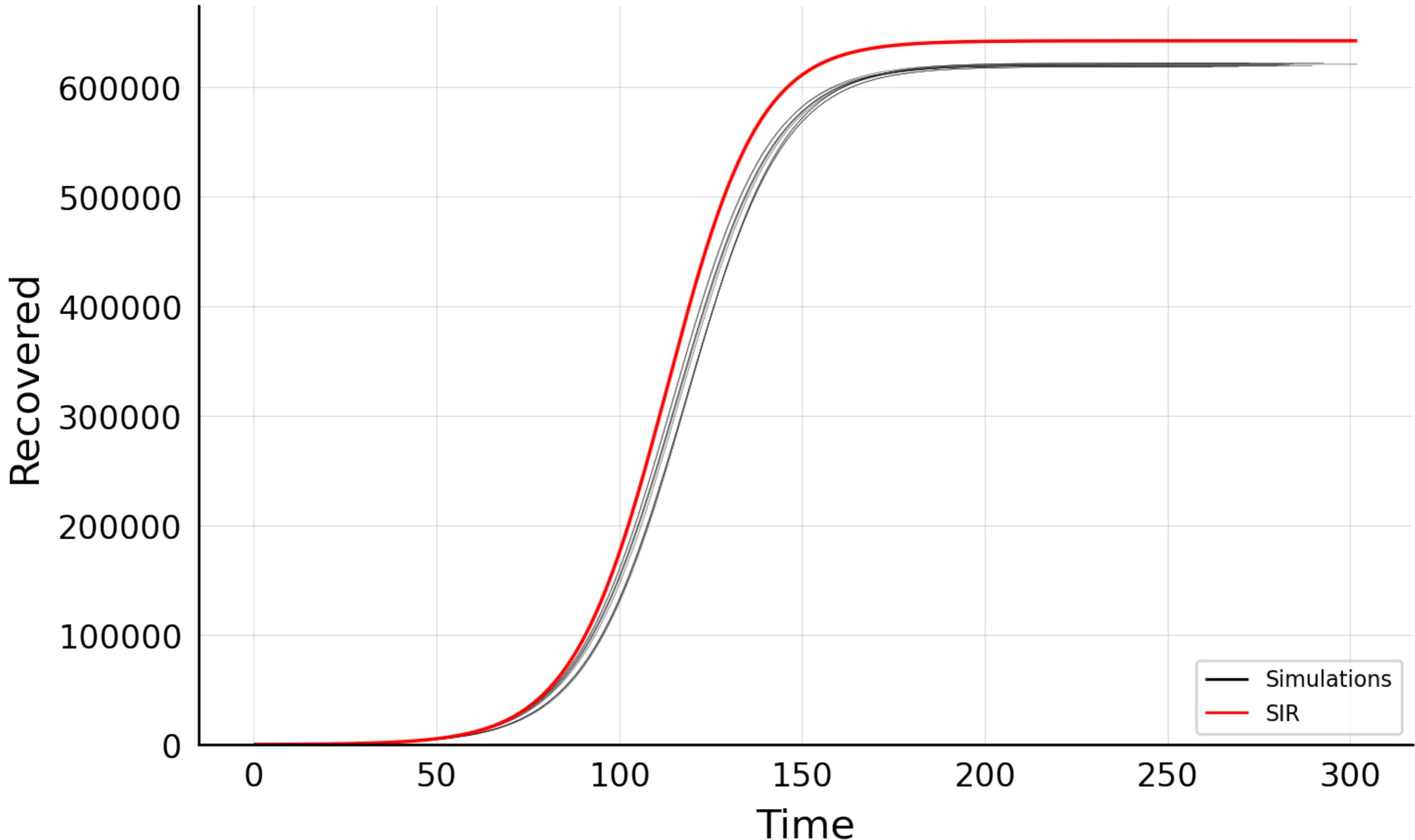
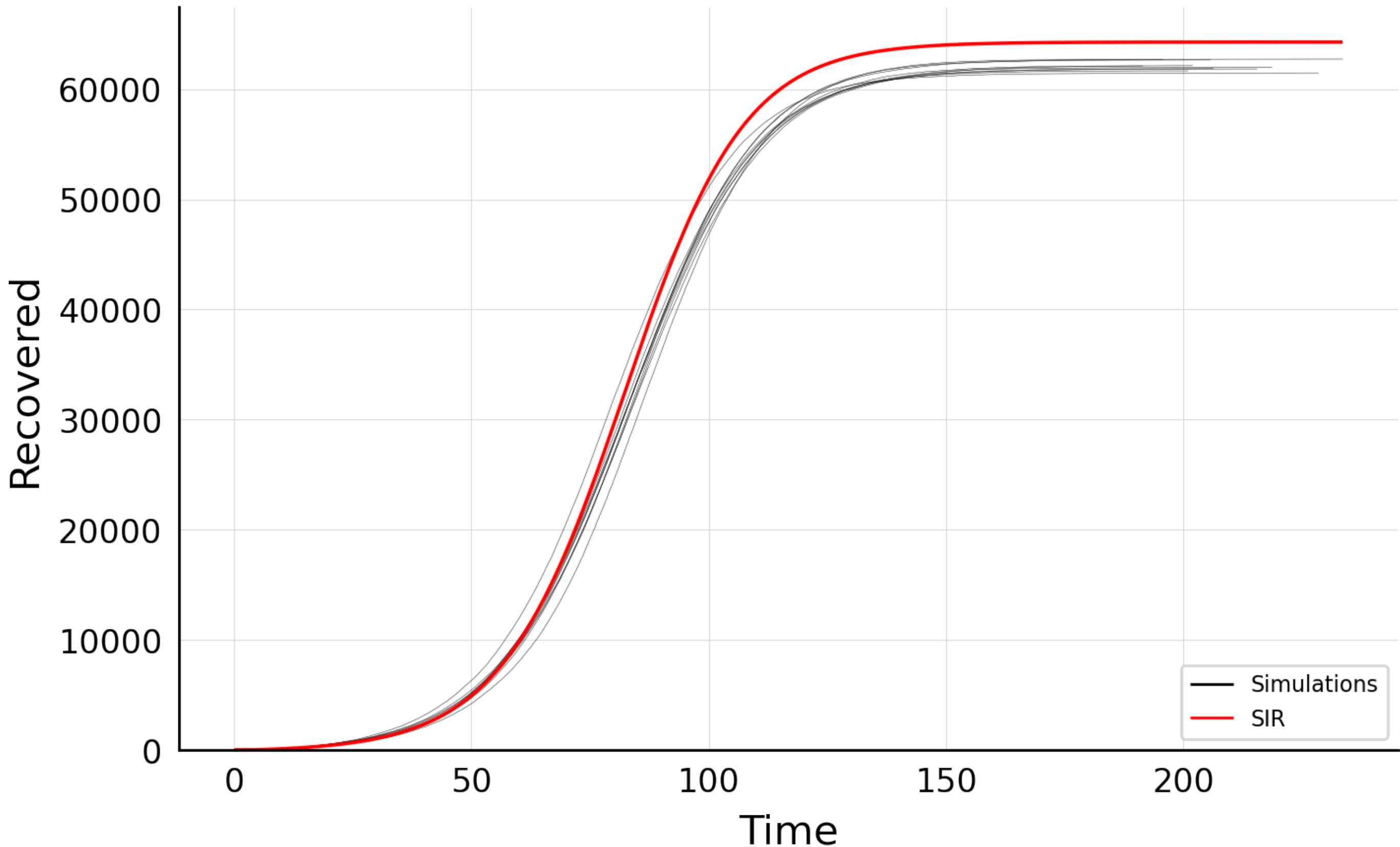


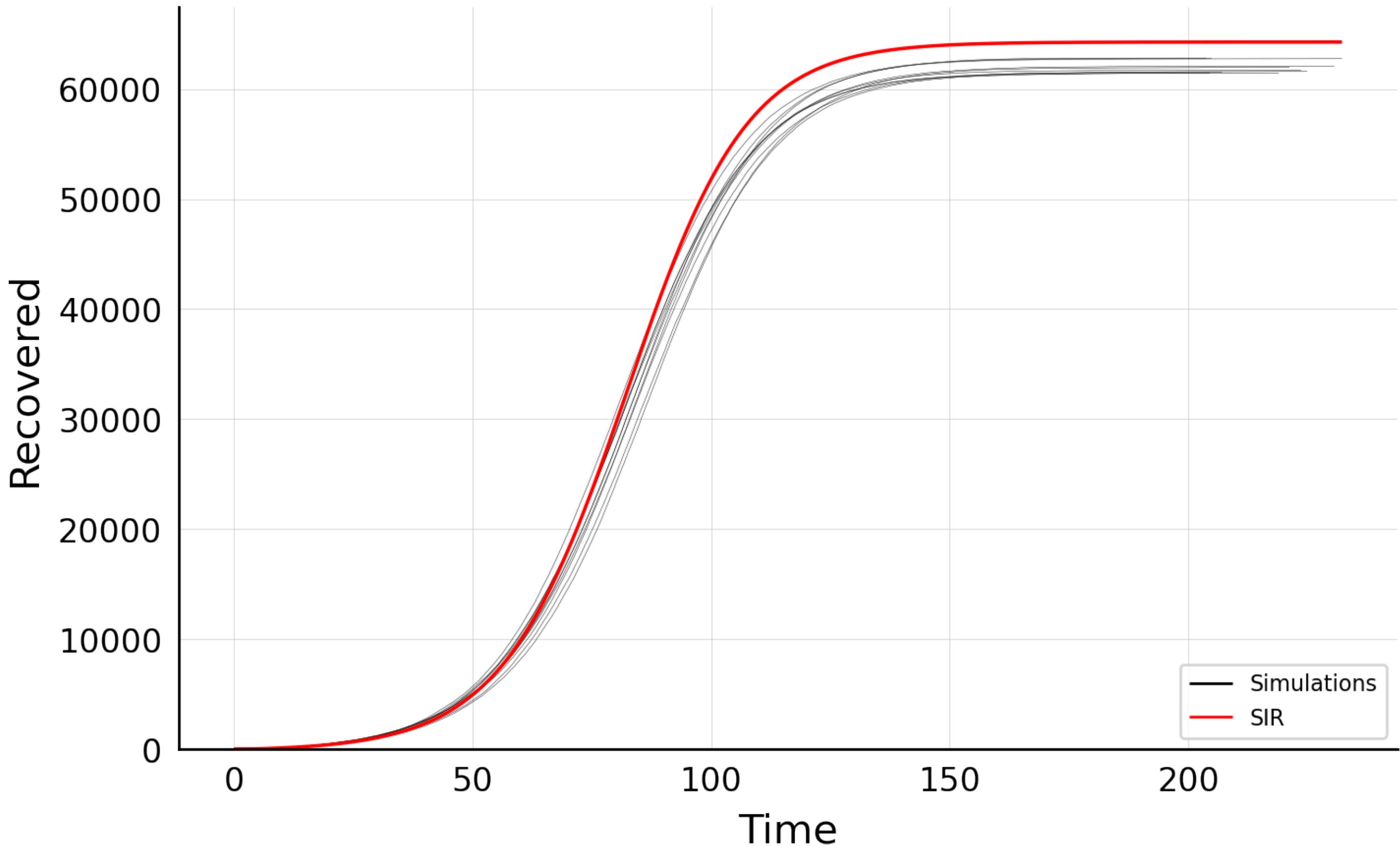
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



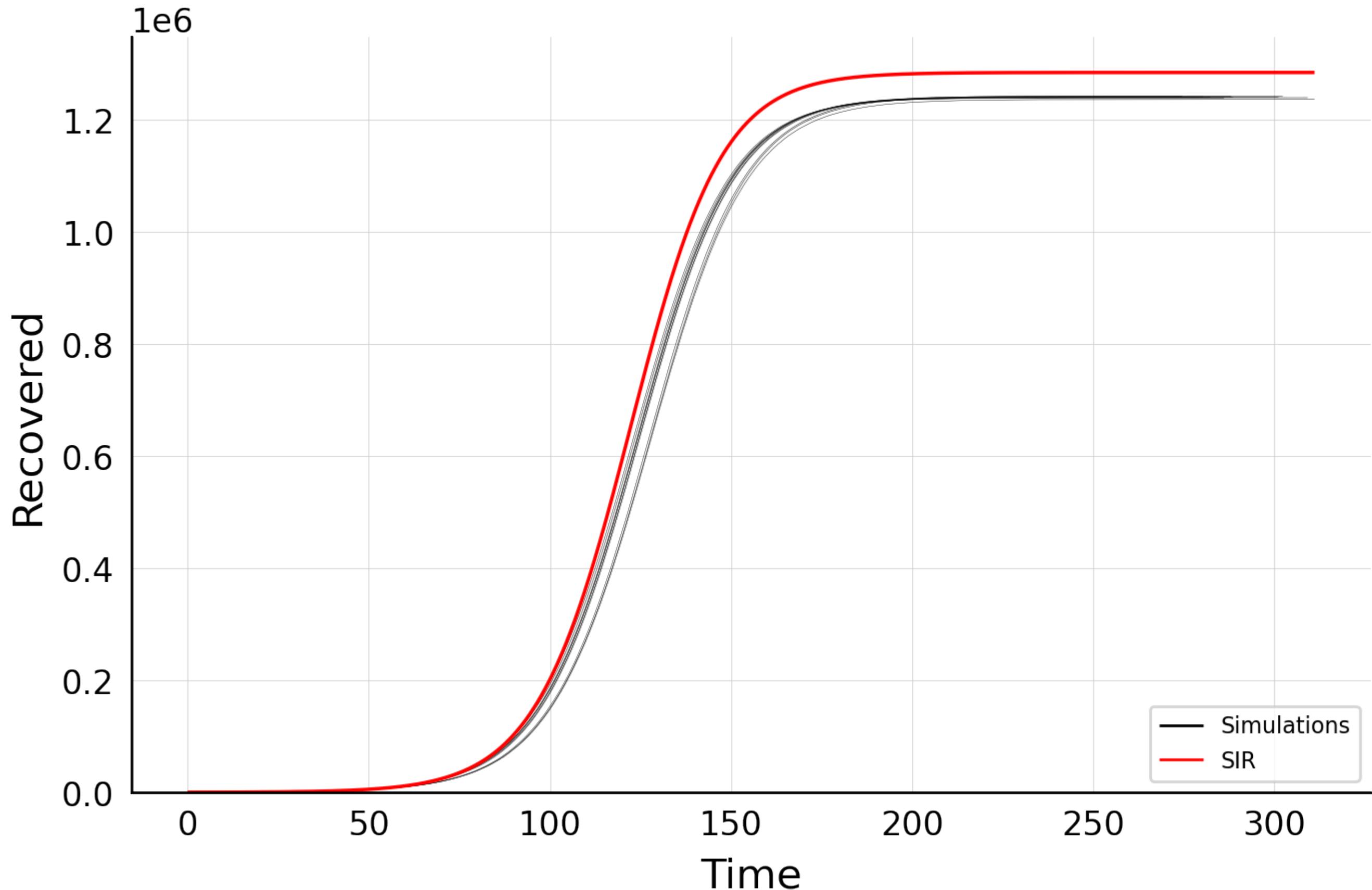
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, $\#10$



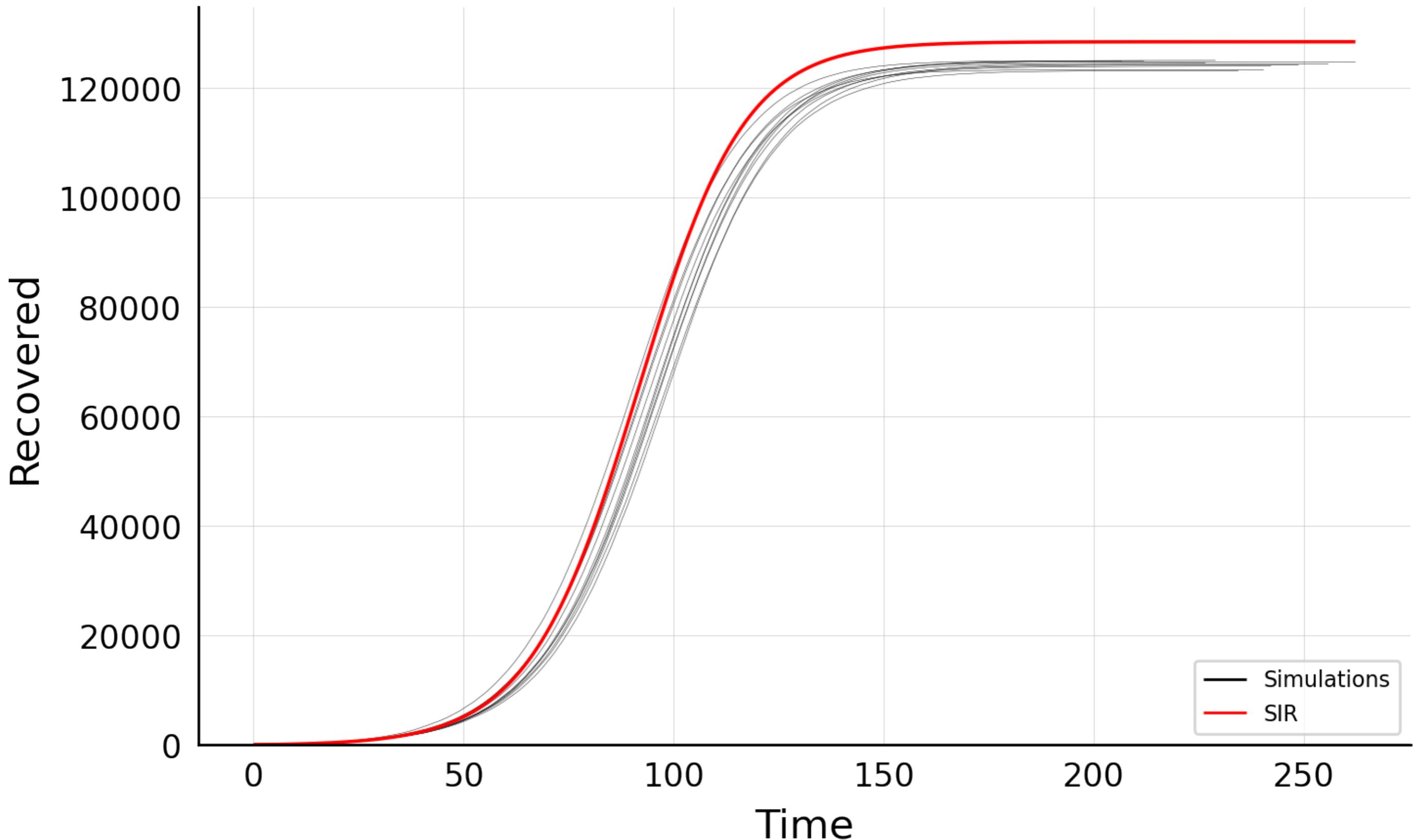
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



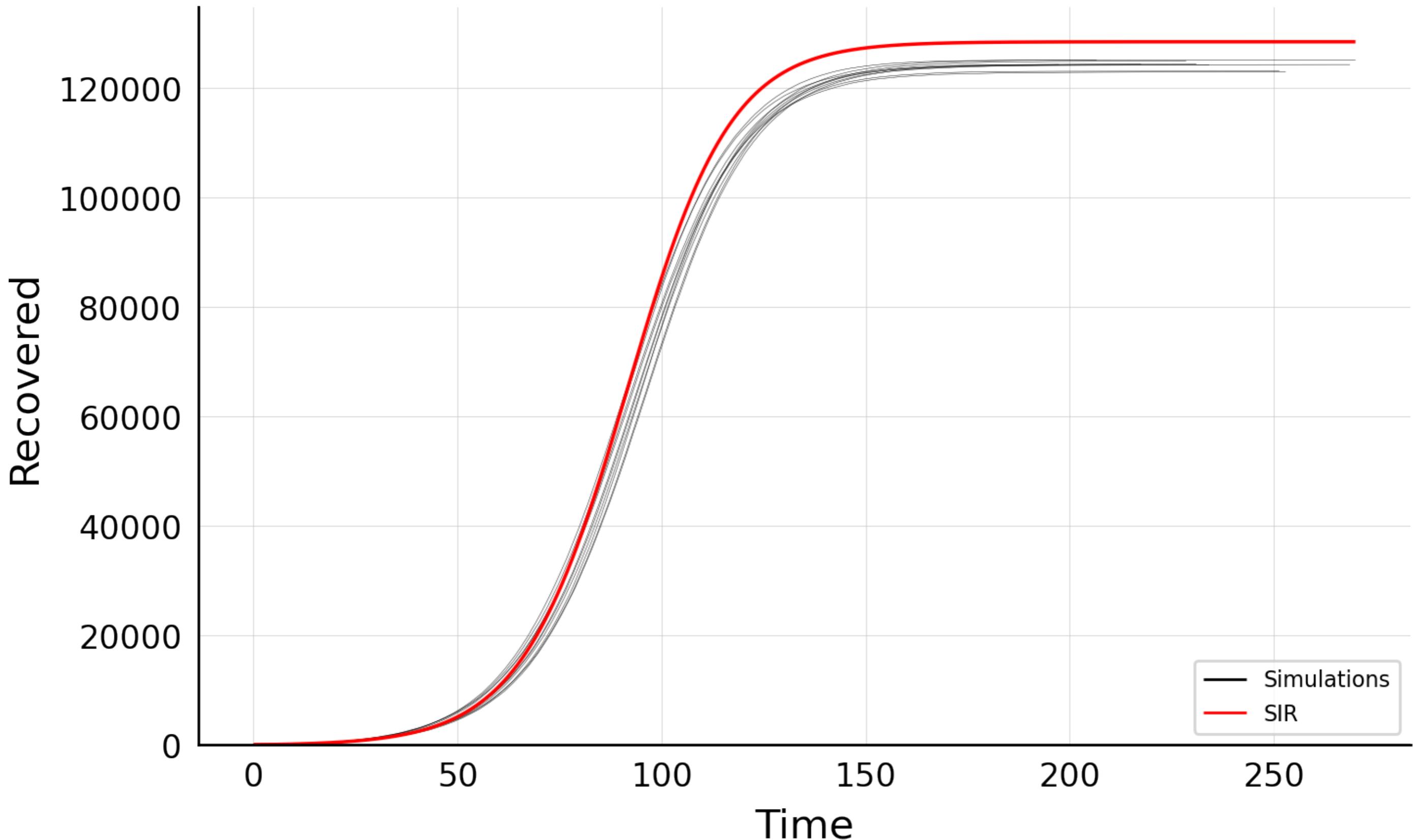
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



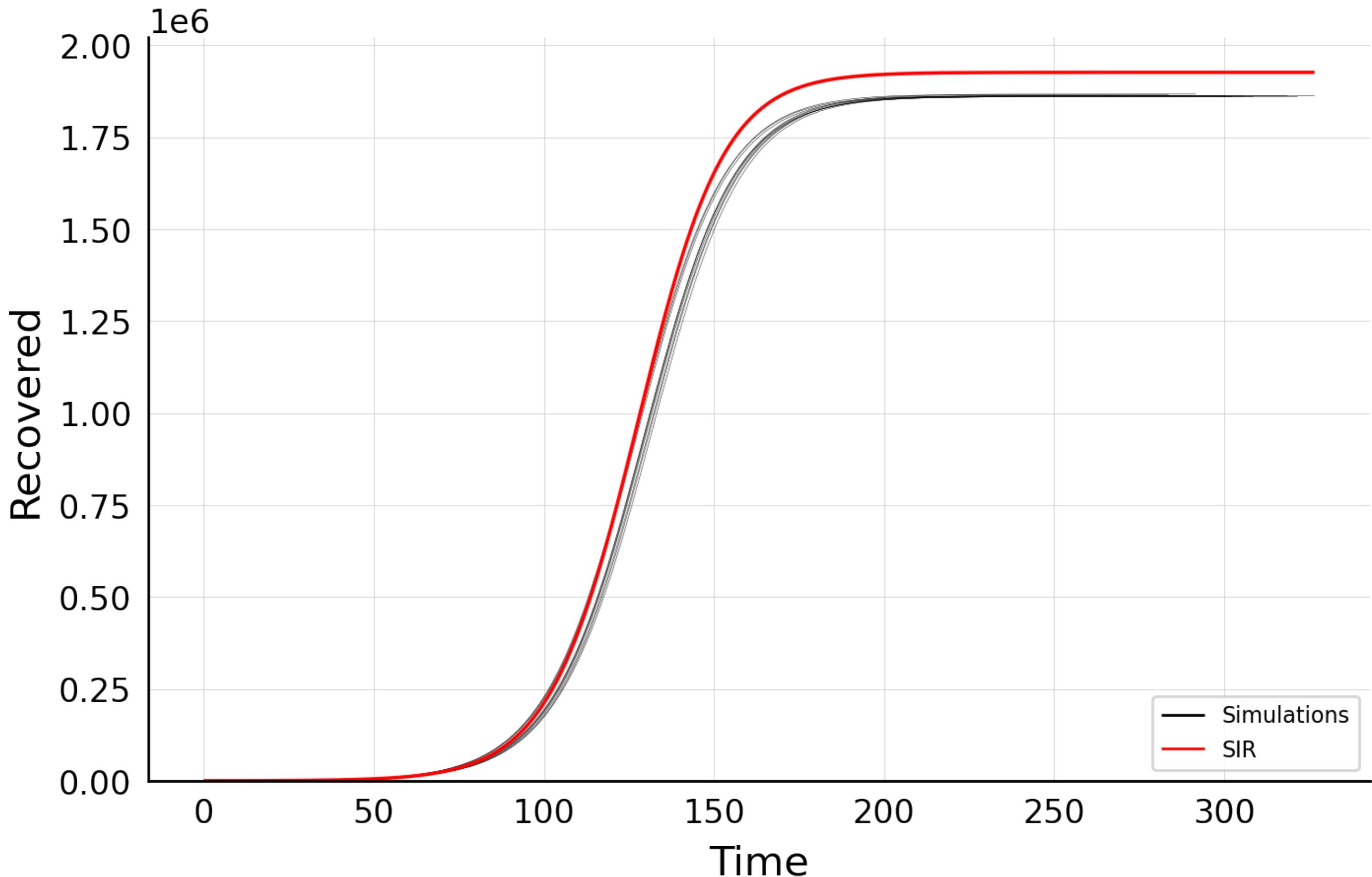
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, $\#10$



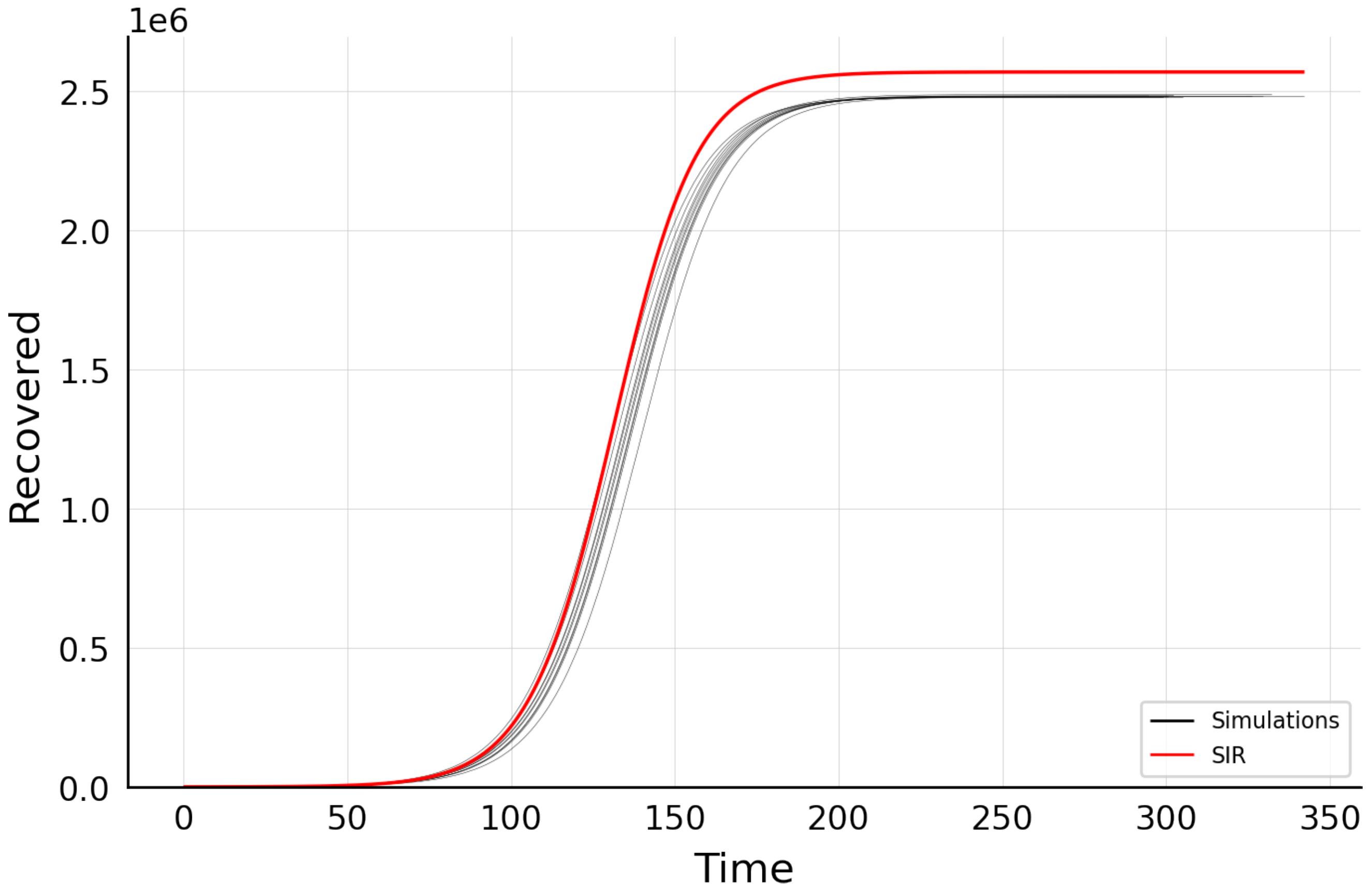
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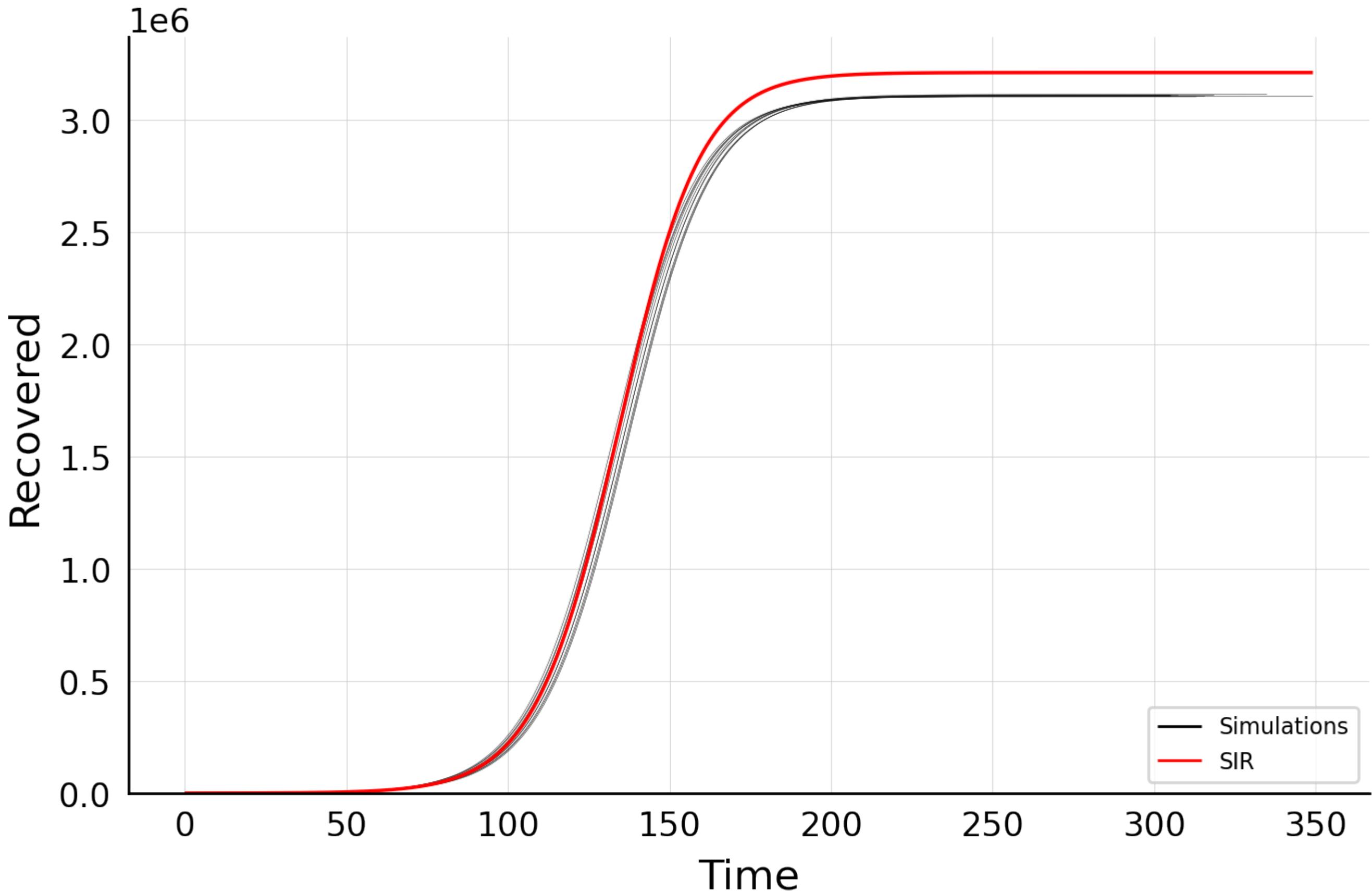
$N_{\text{tot}} = 3M$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 0.0$
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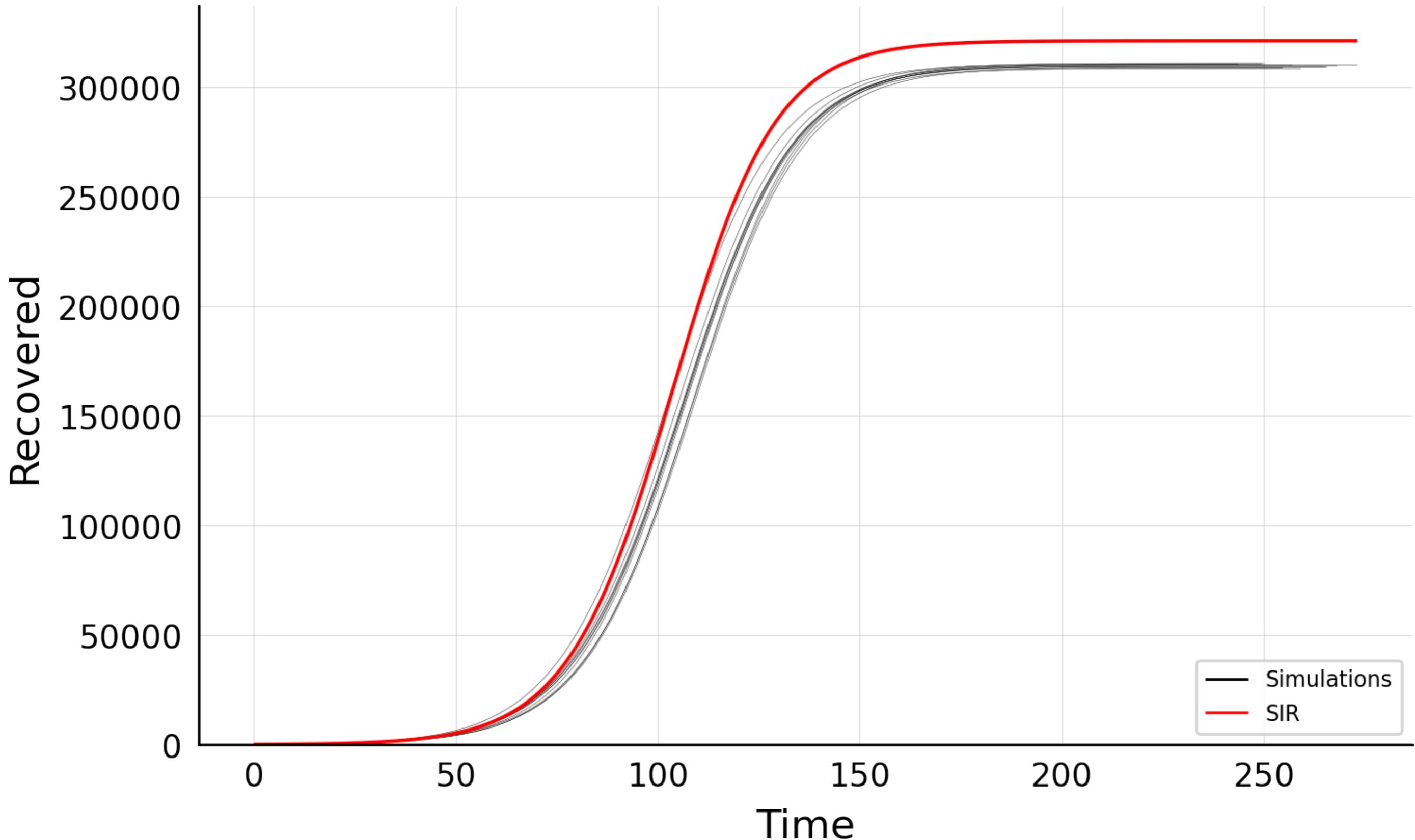
$N_{\text{tot}} = 4M$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



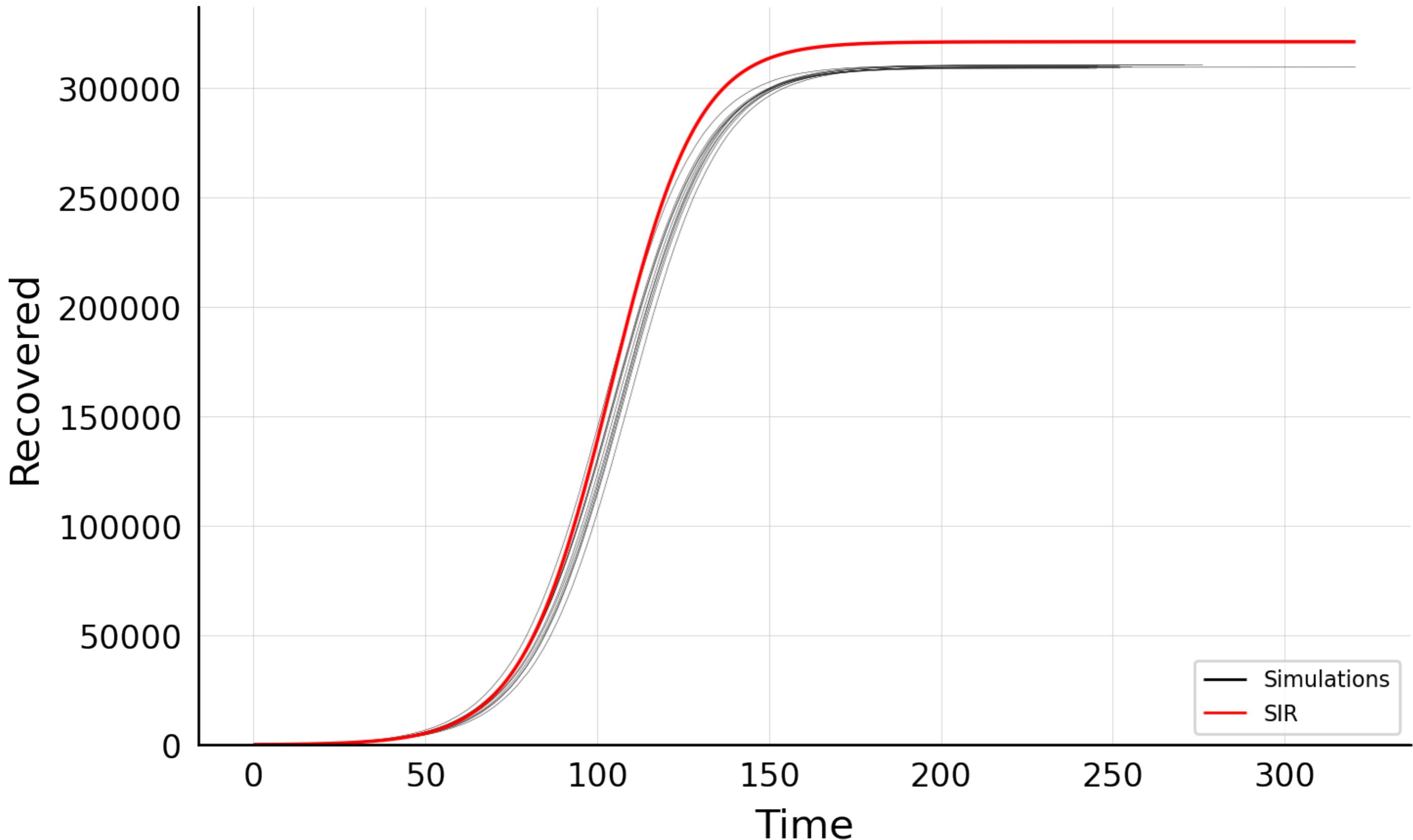
$N_{\text{tot}} = 5M$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



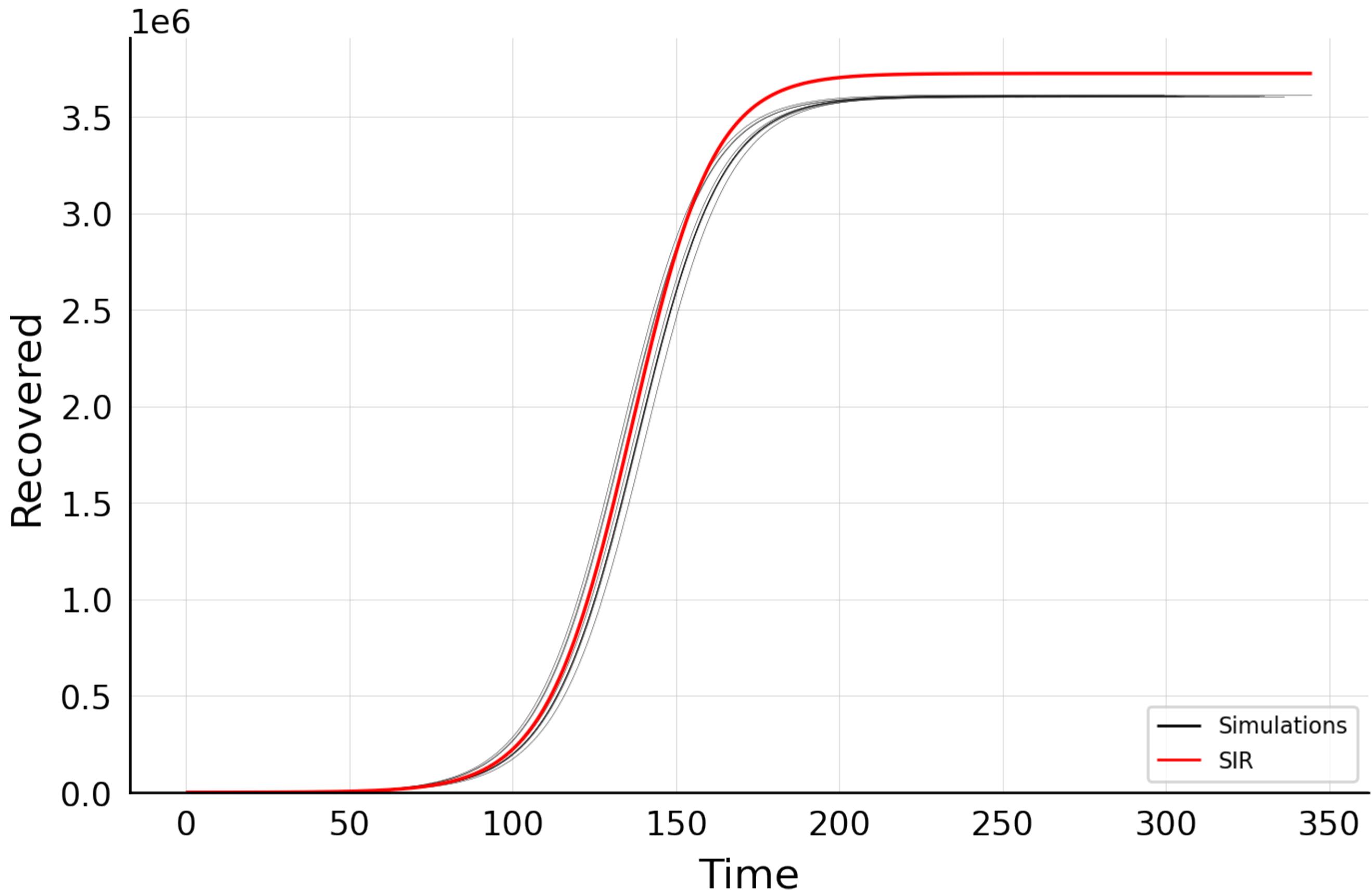
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, $\#10$



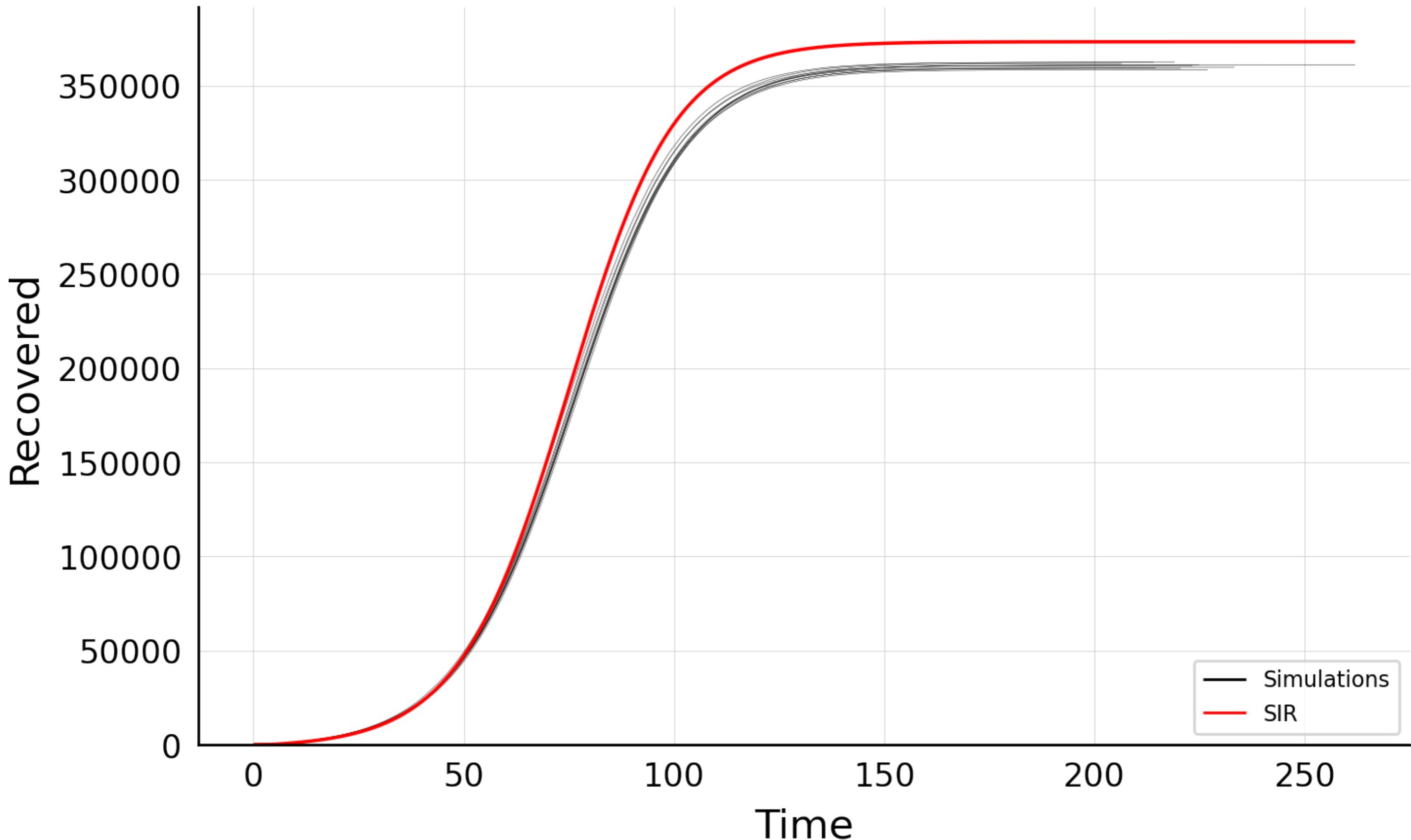
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



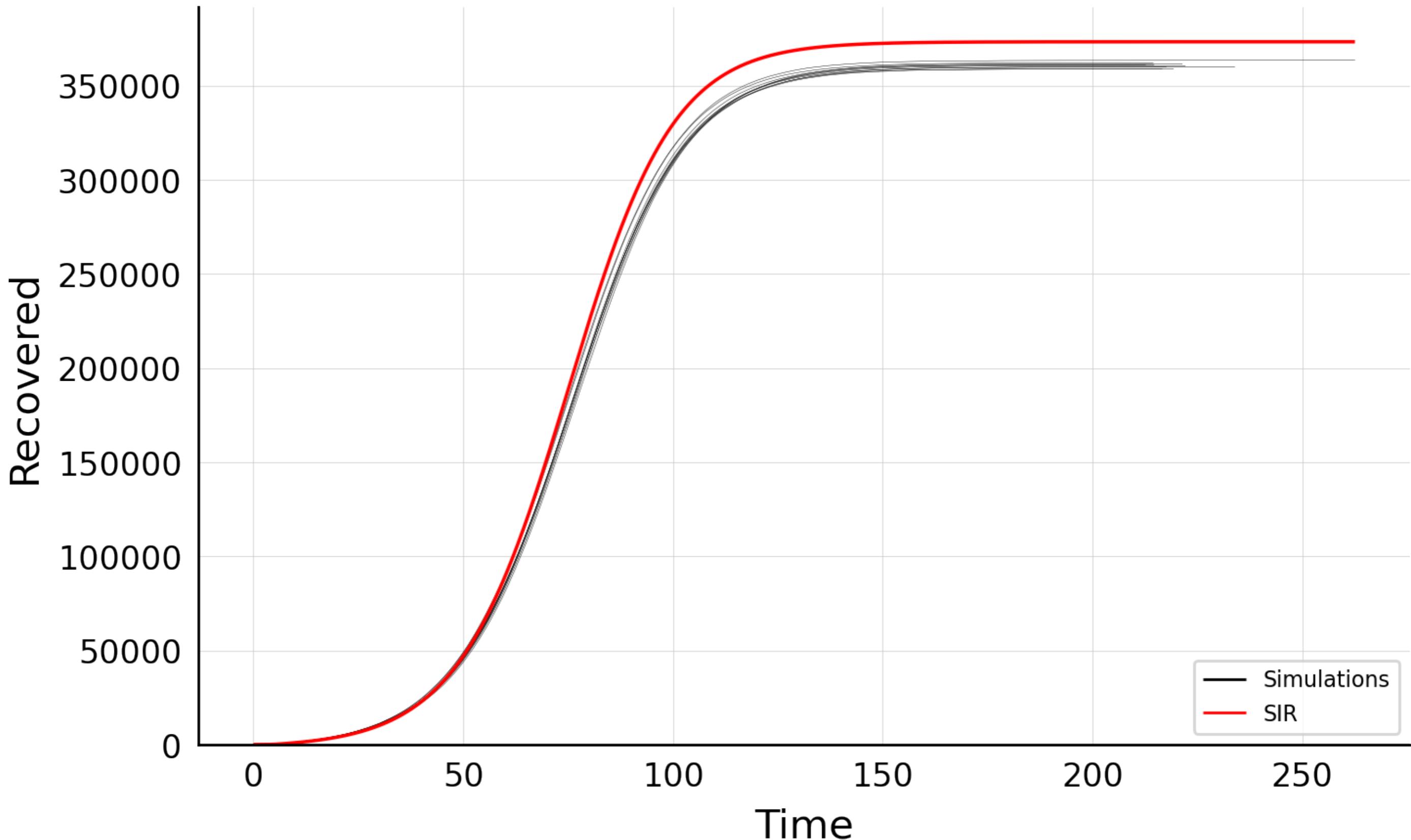
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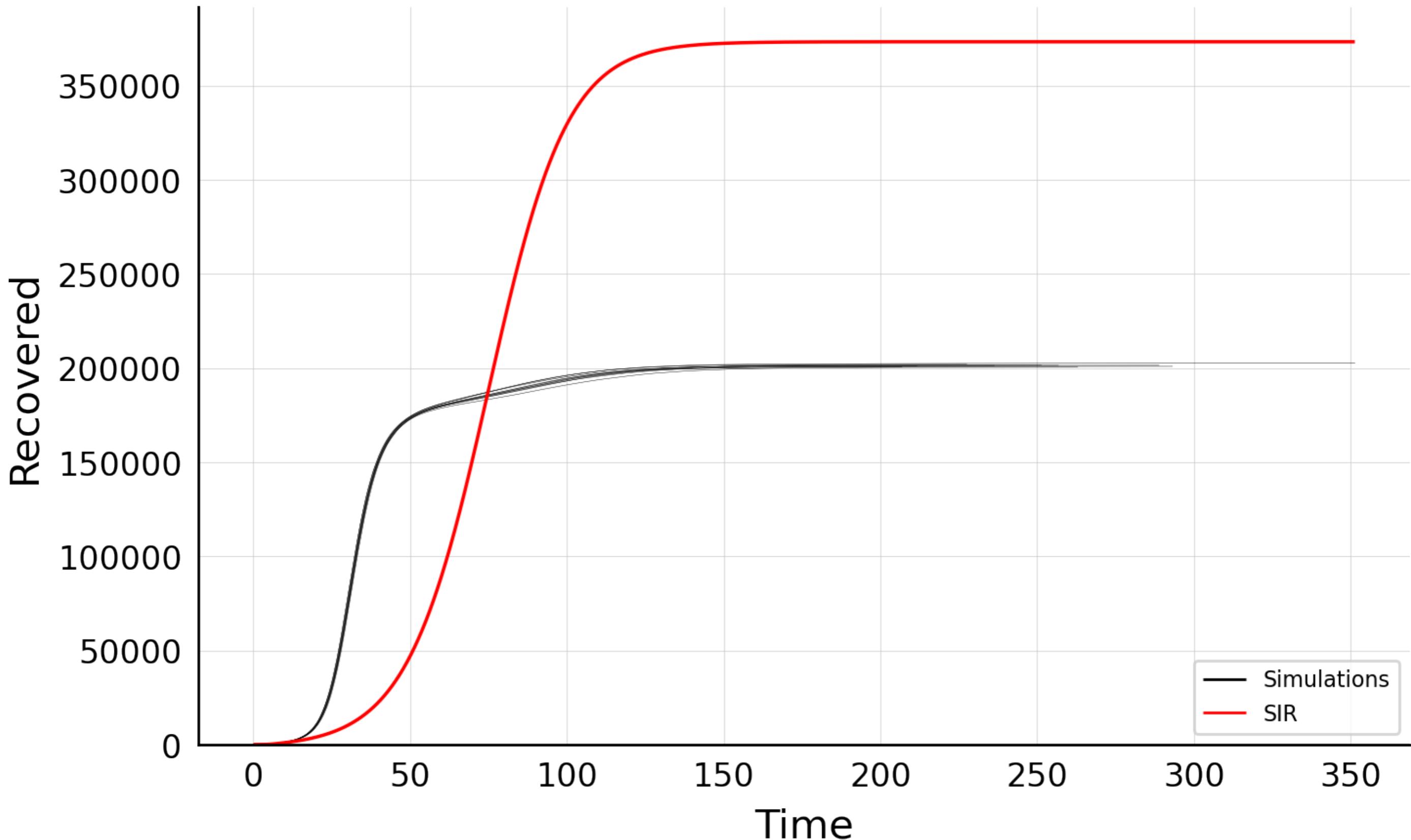
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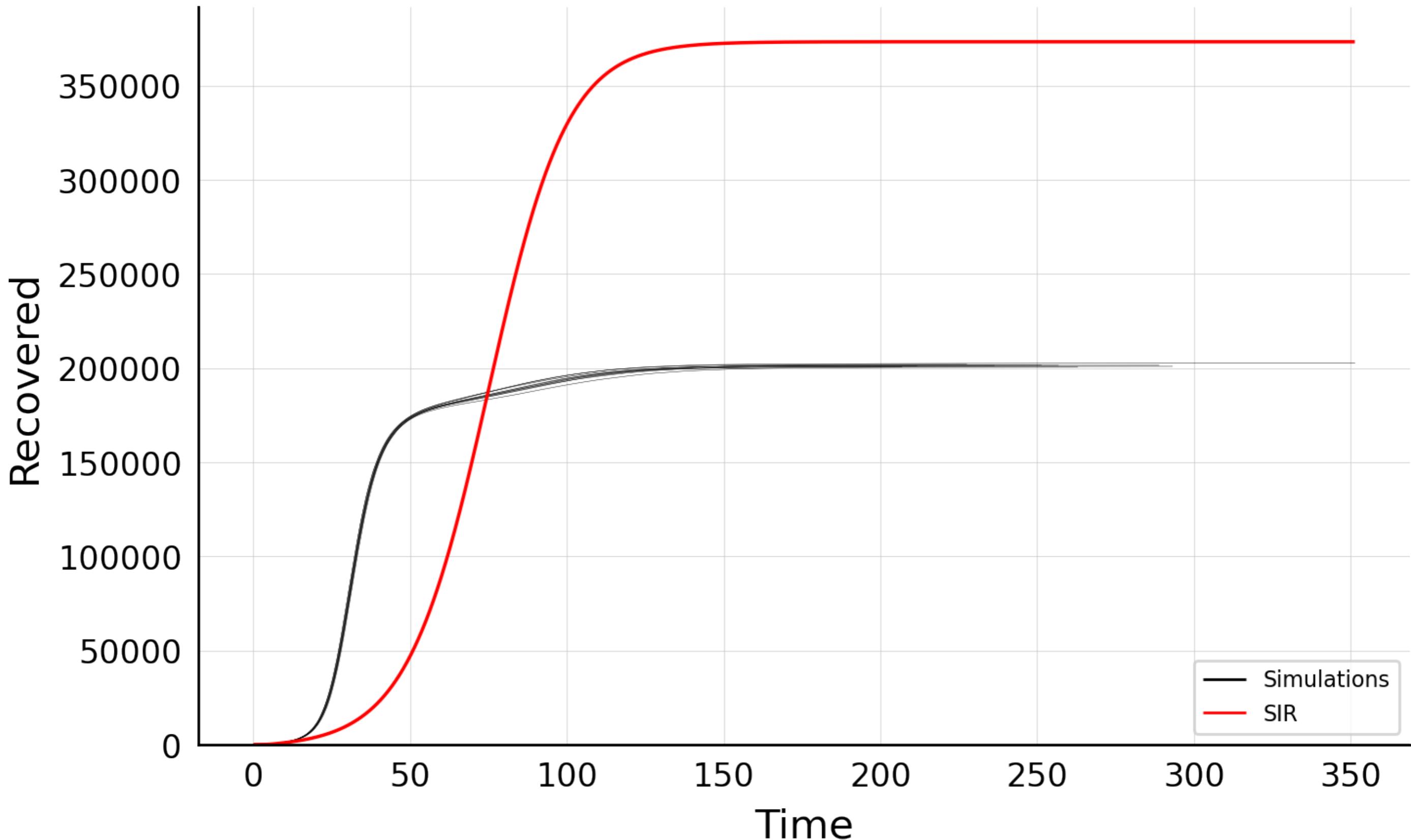
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



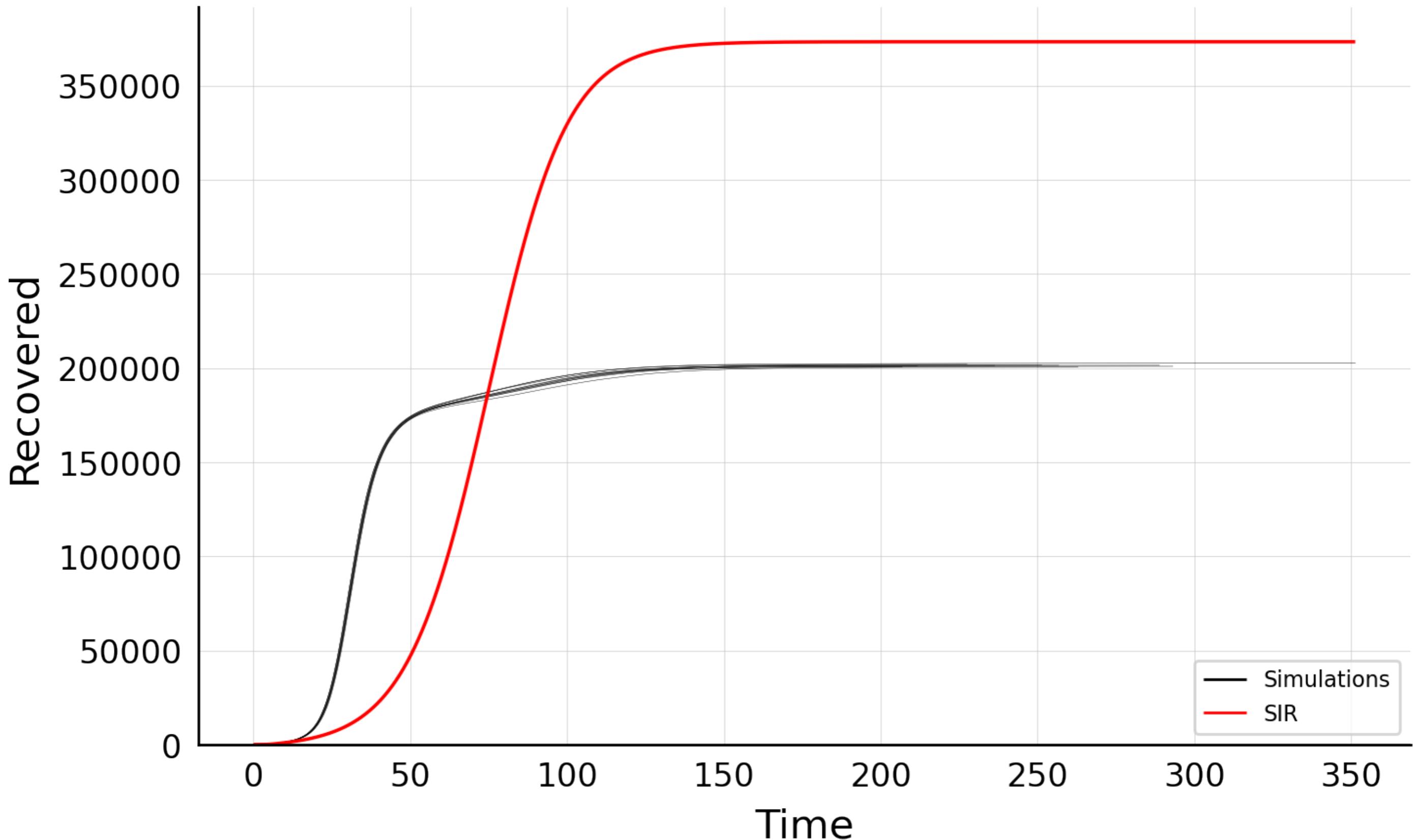
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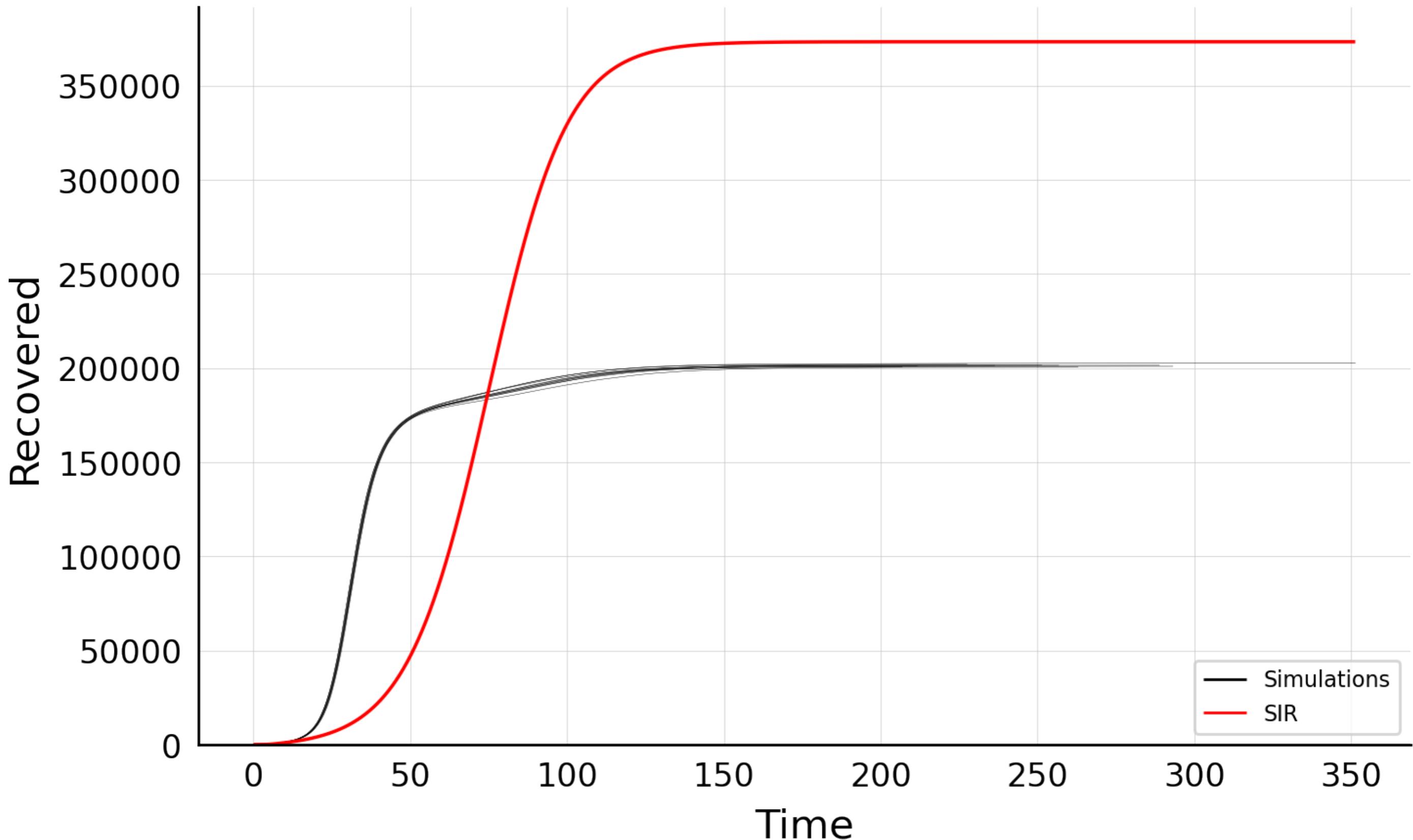
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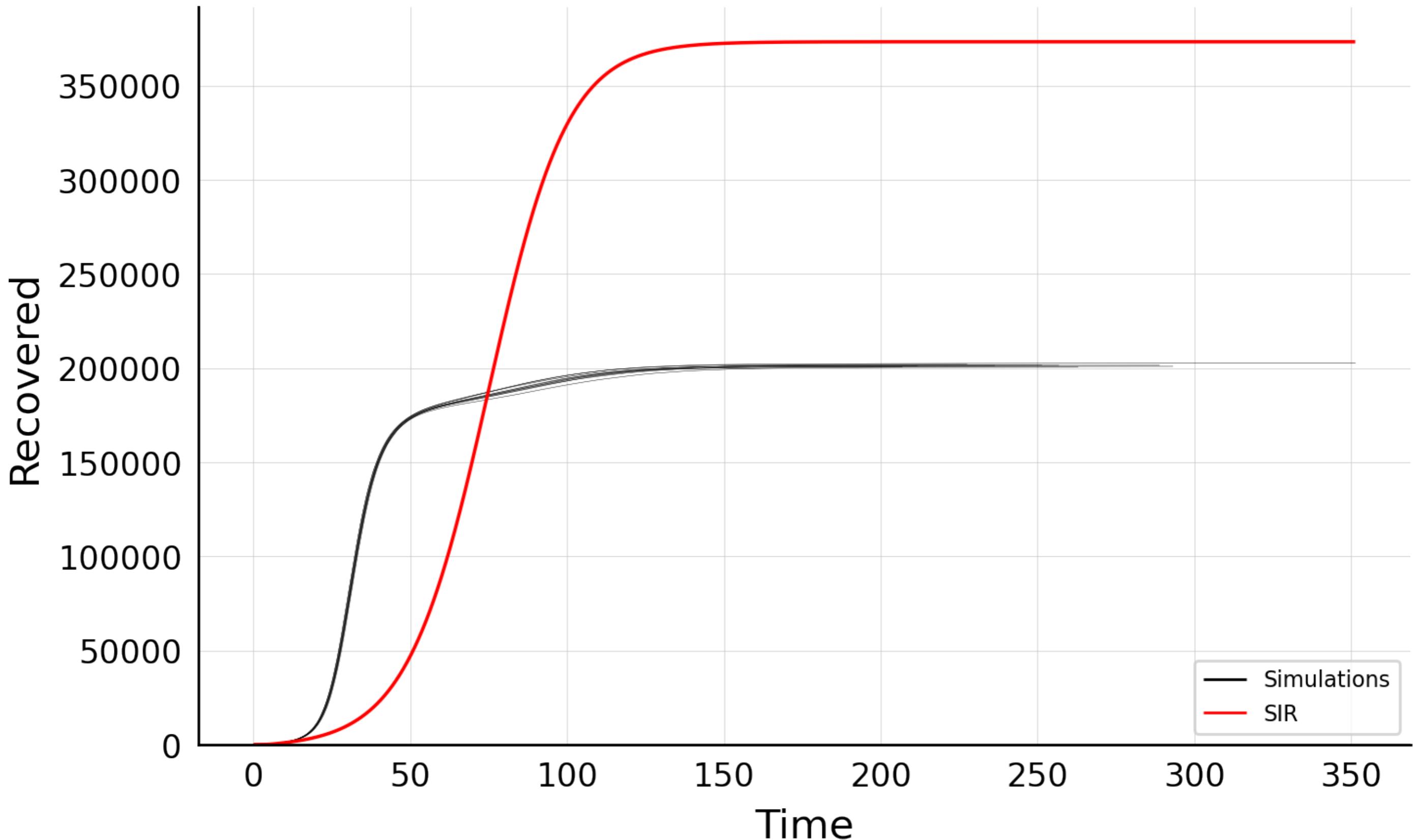
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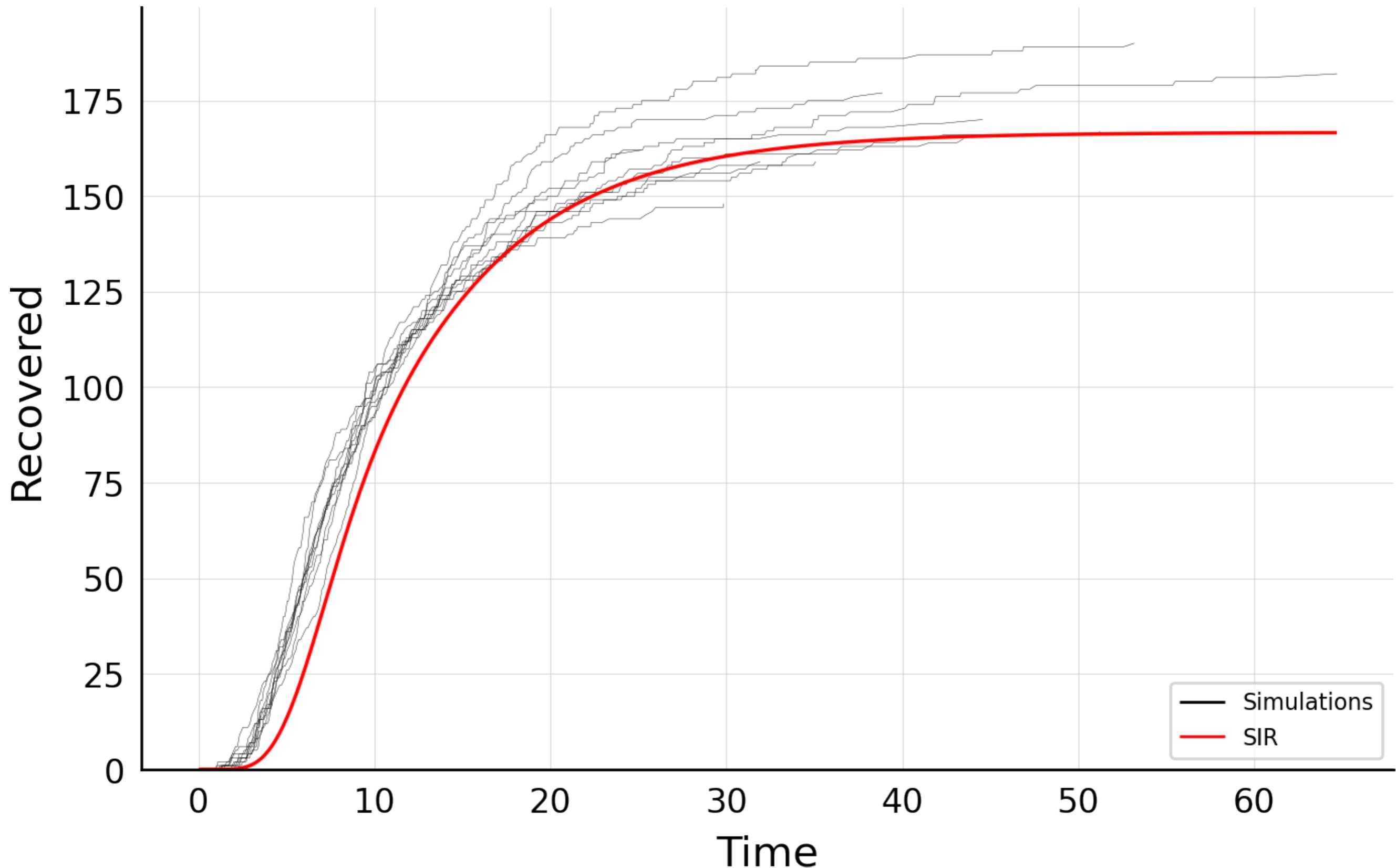
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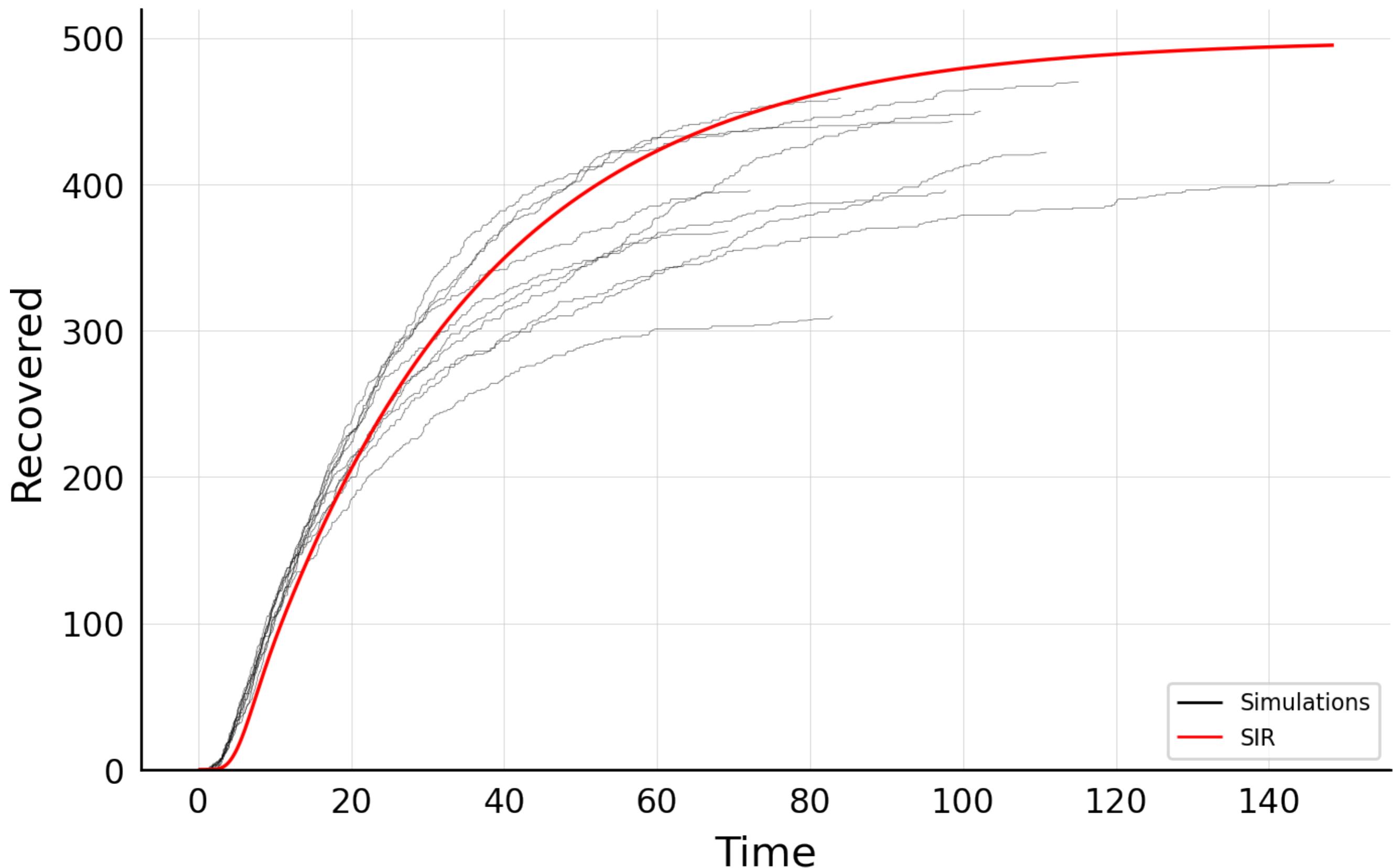
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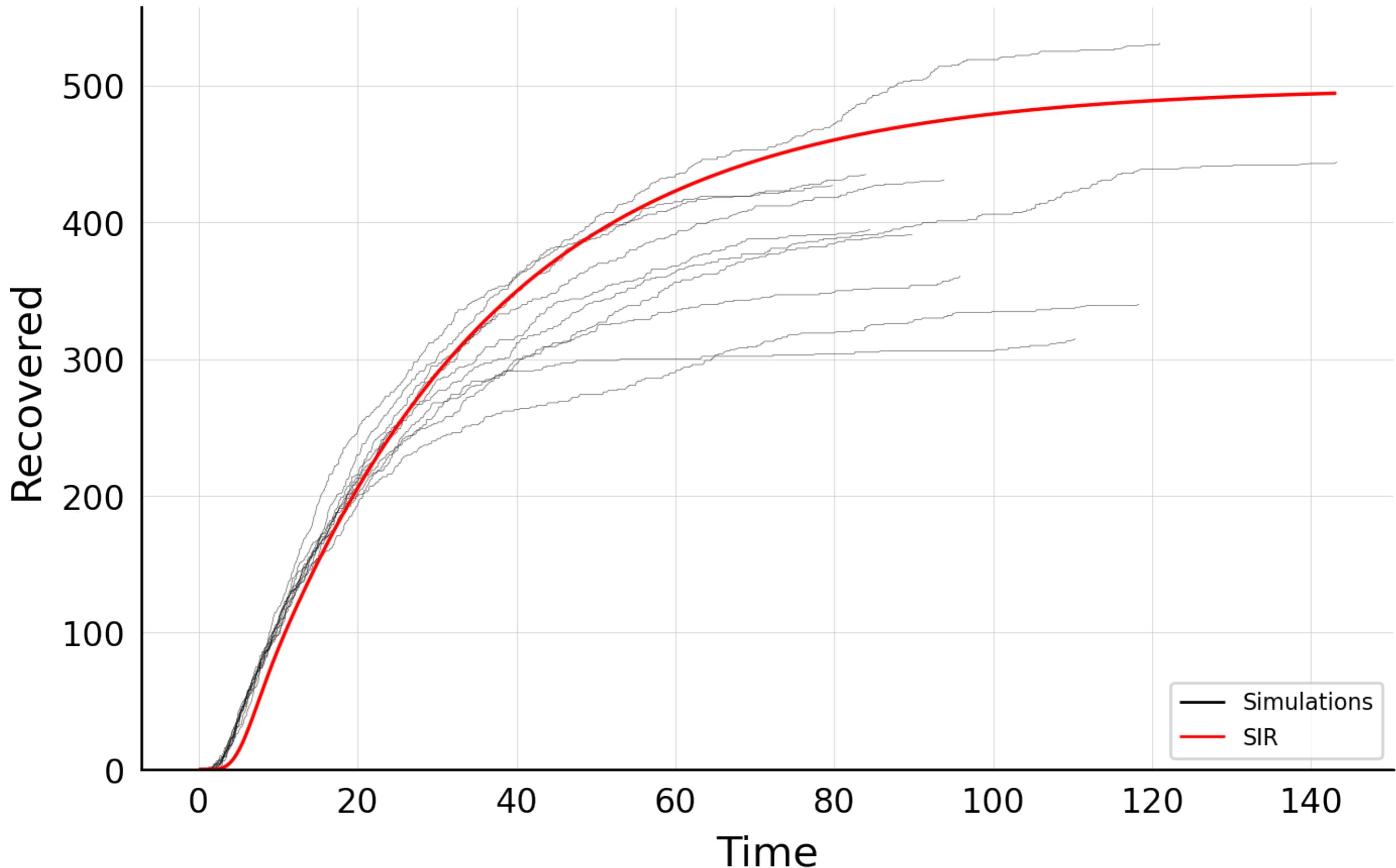
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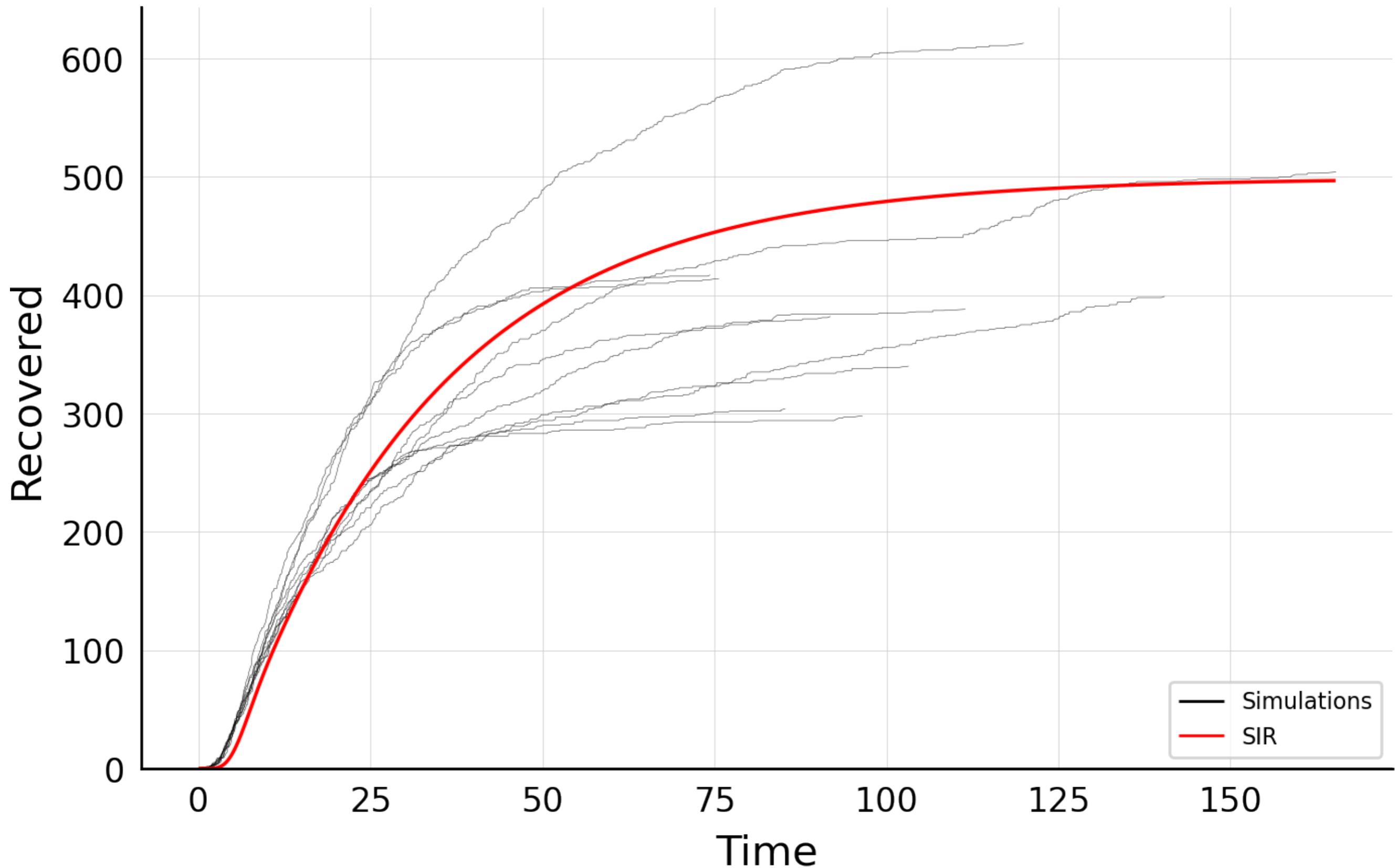
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, $\#10$



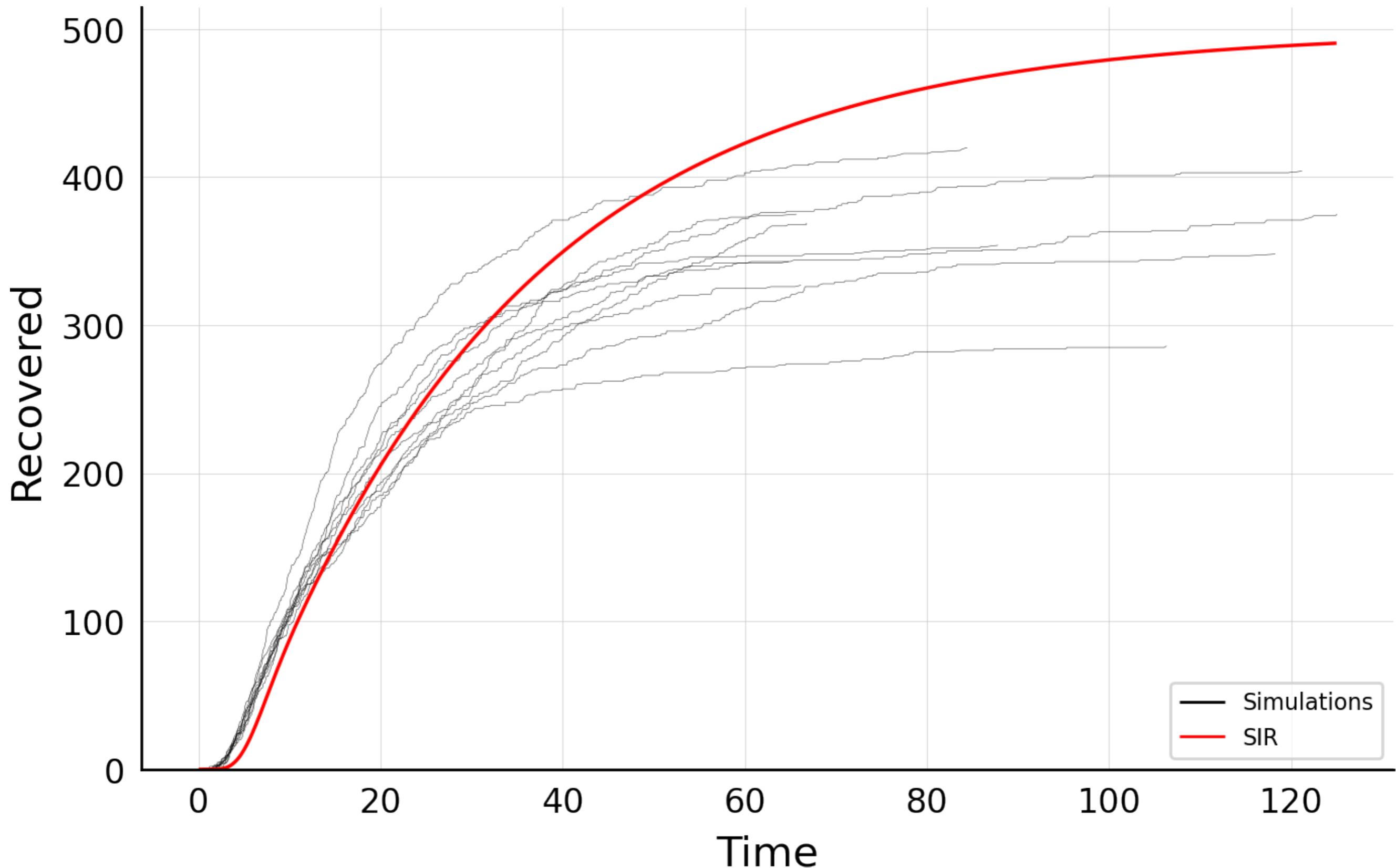
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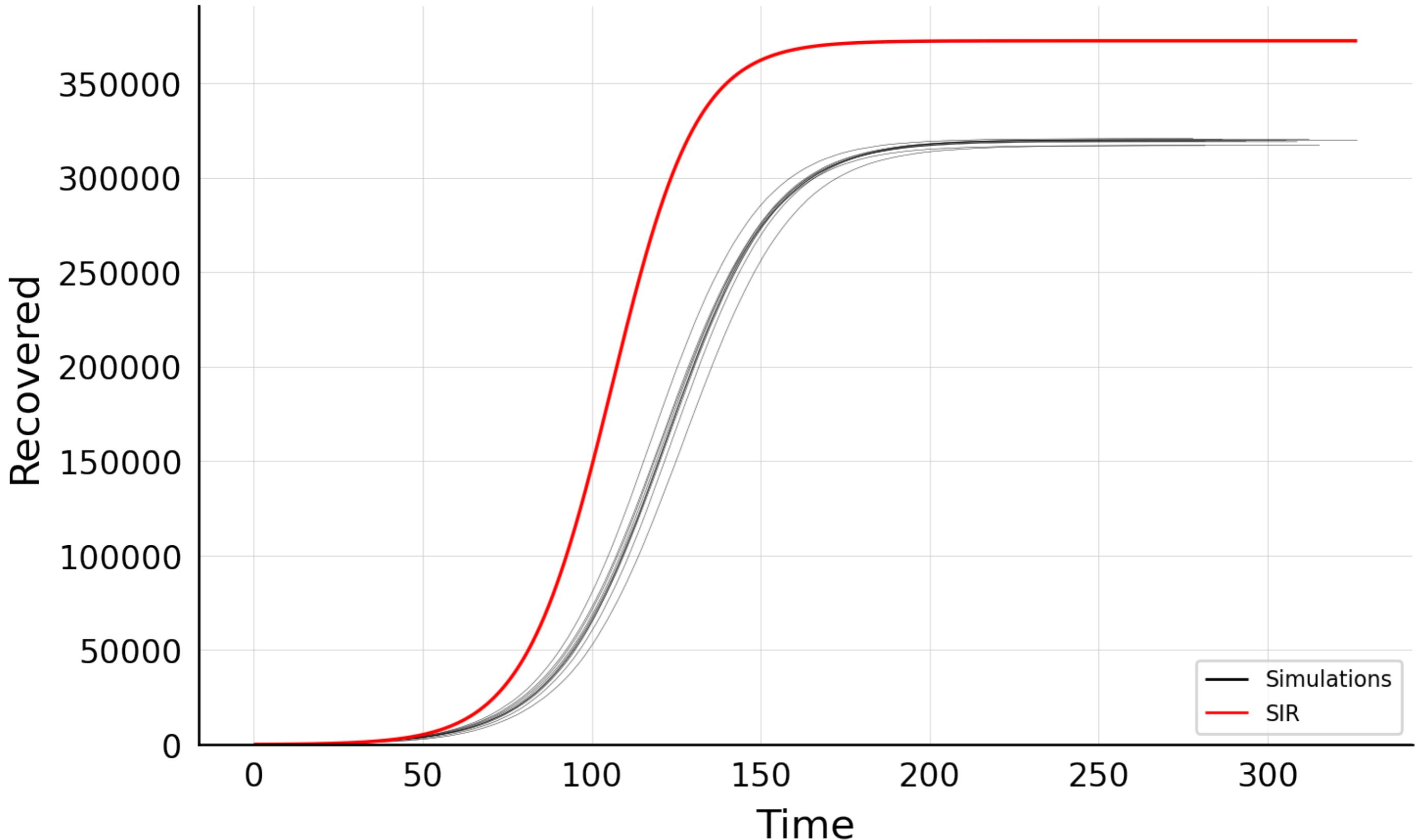
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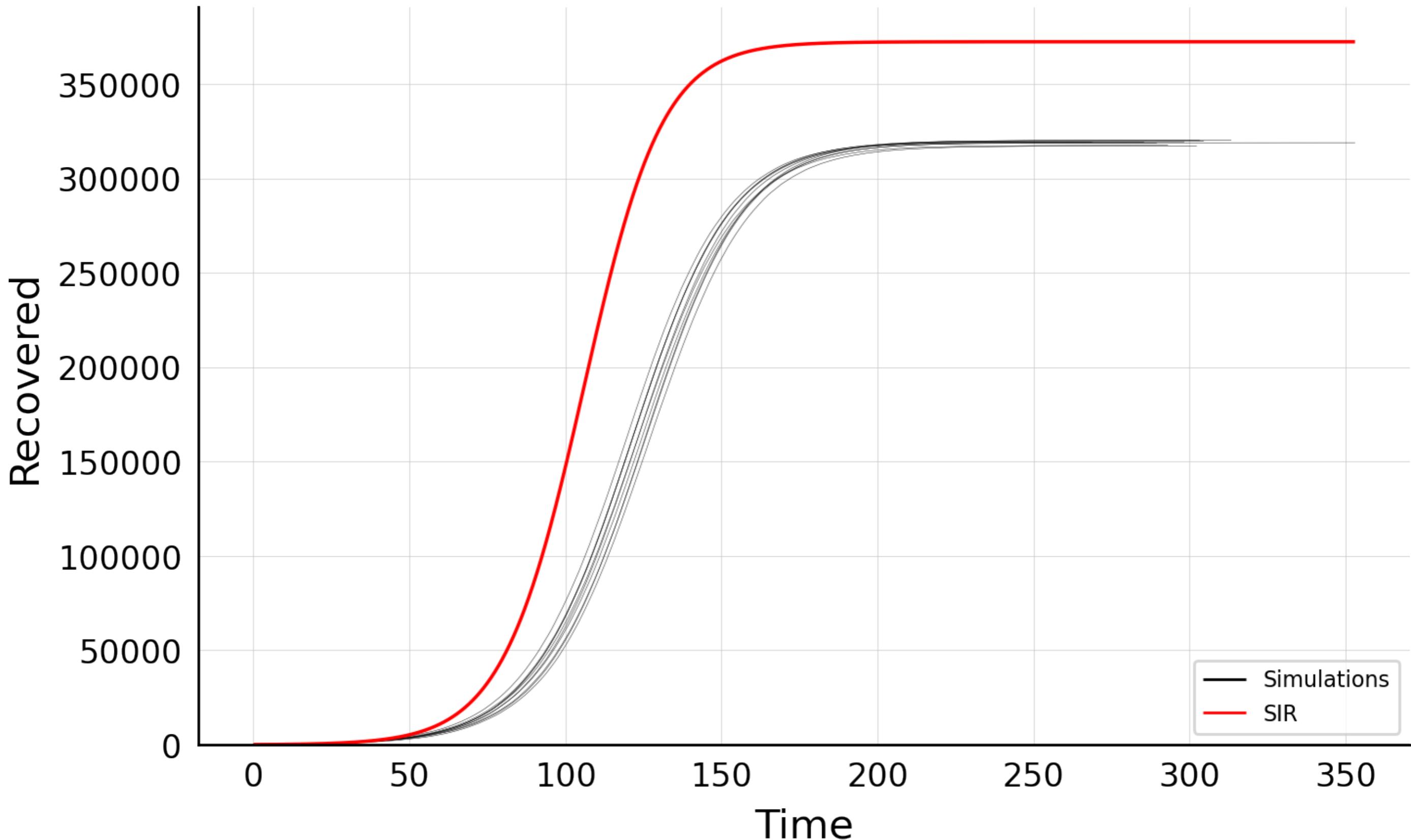
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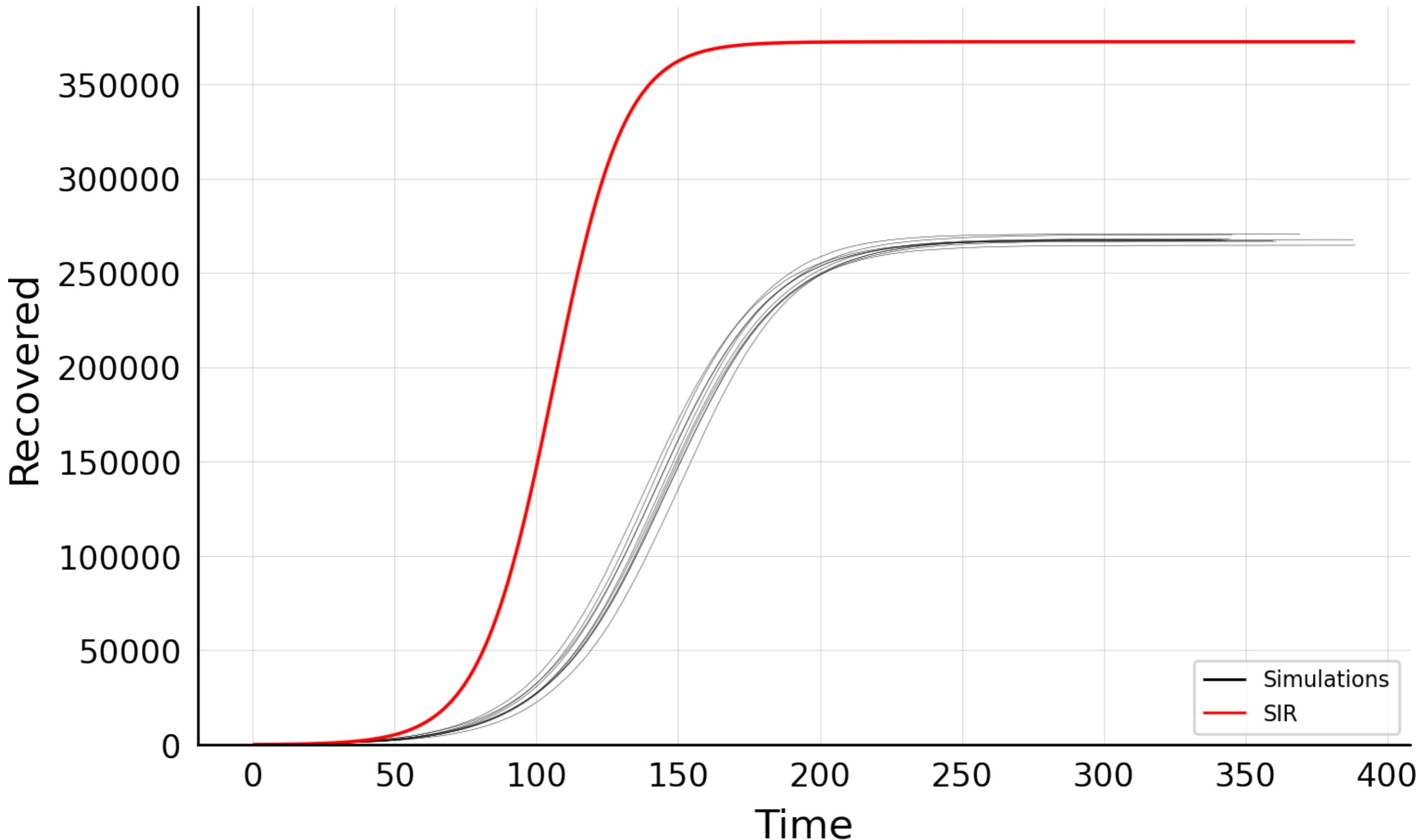
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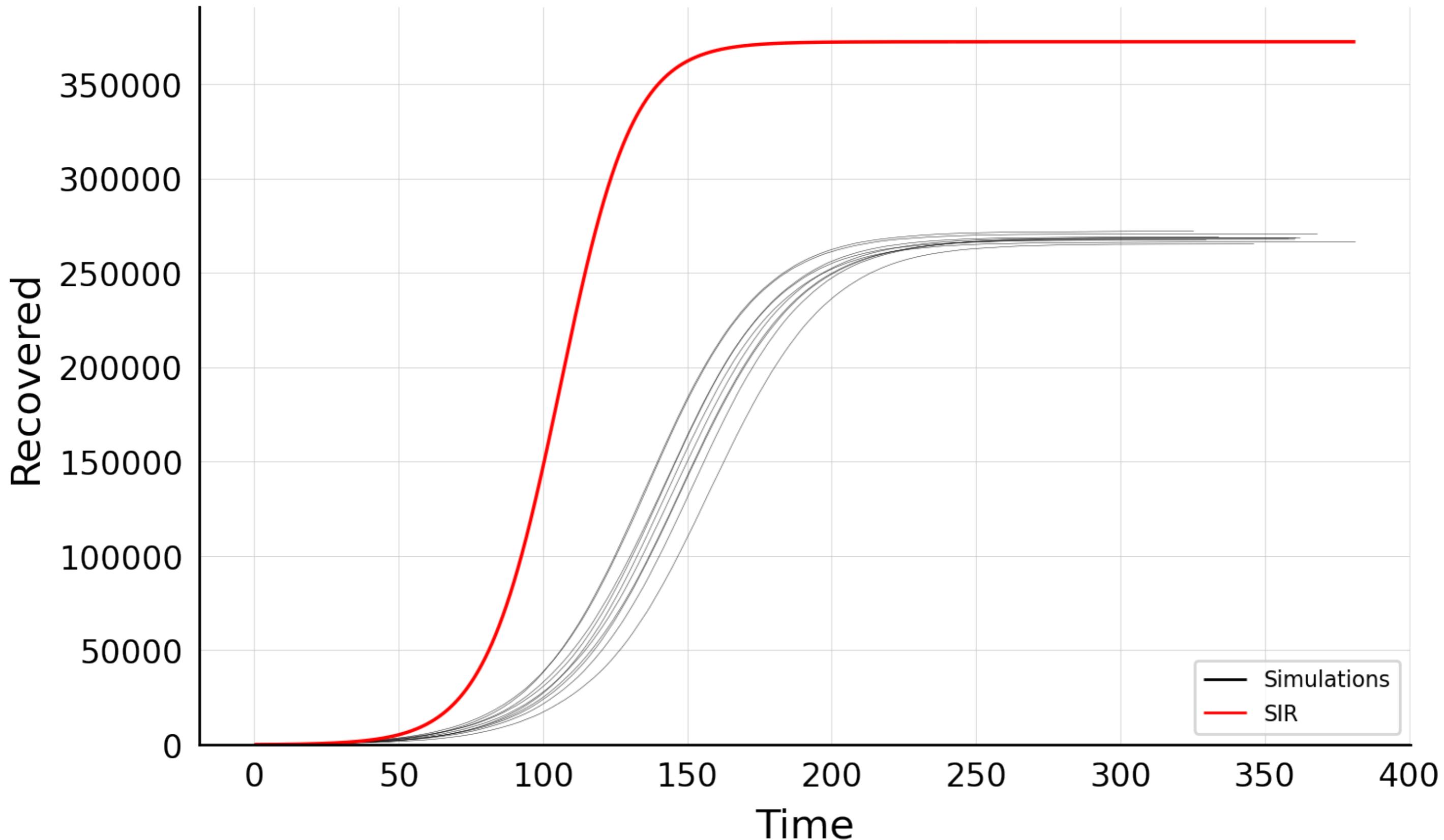
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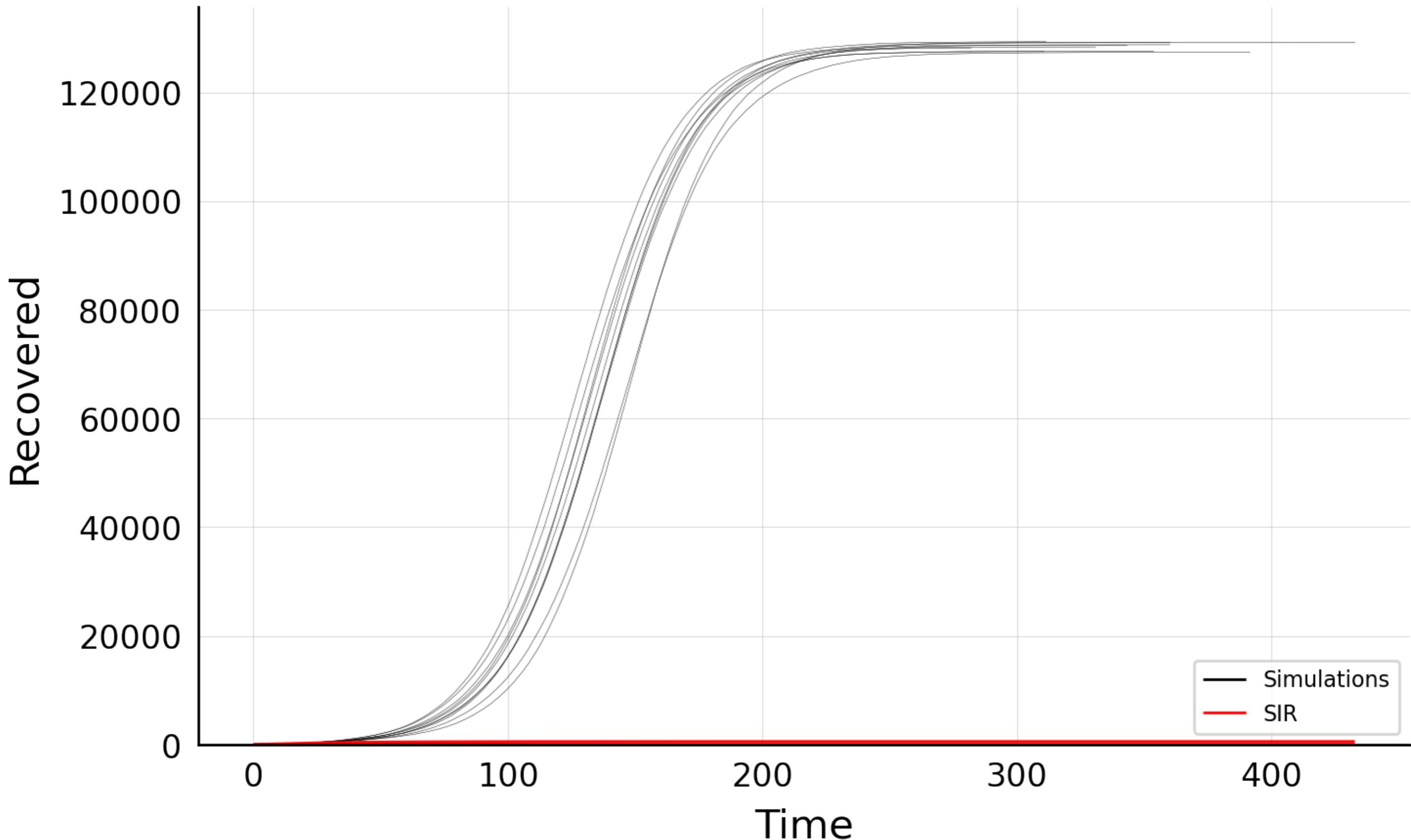
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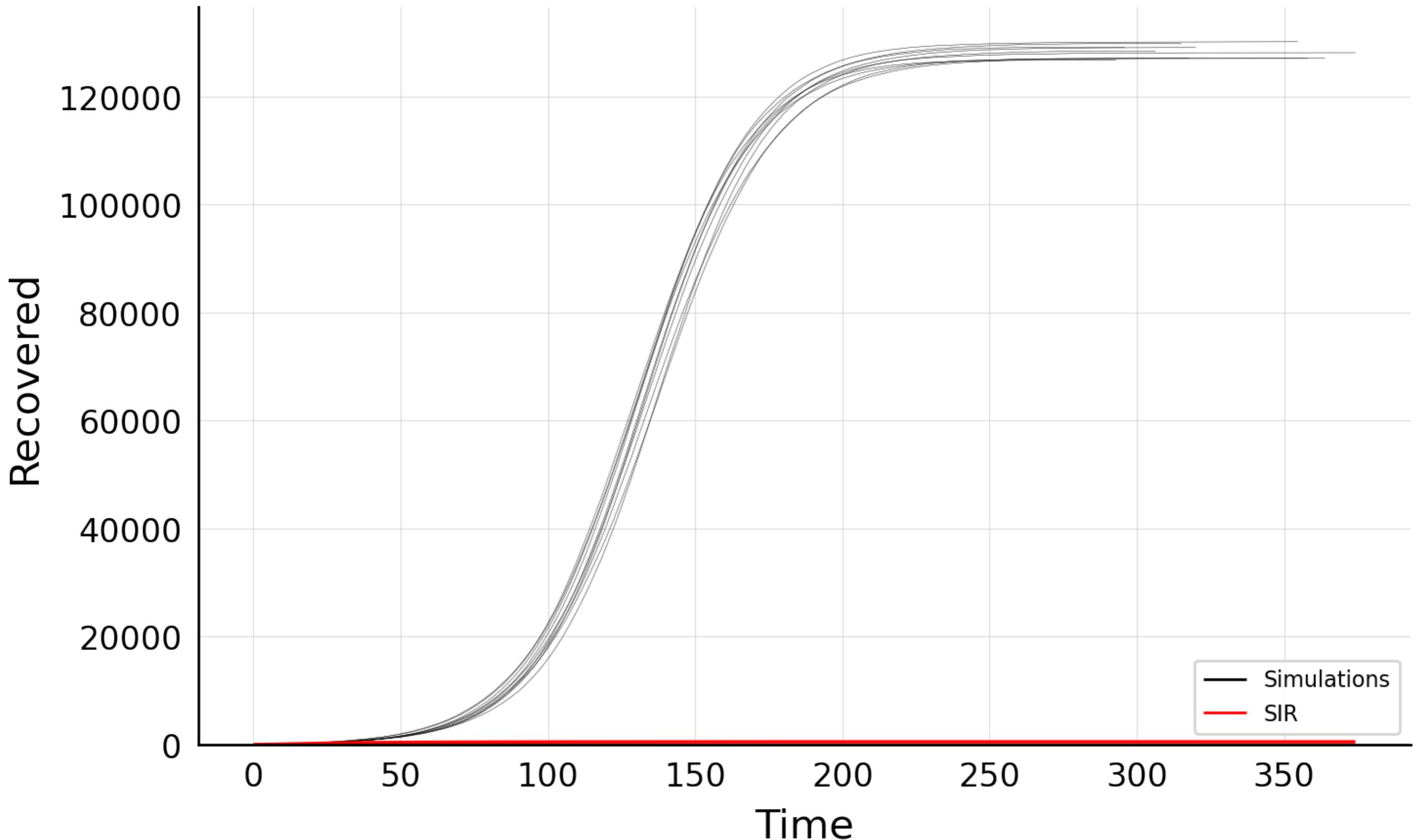
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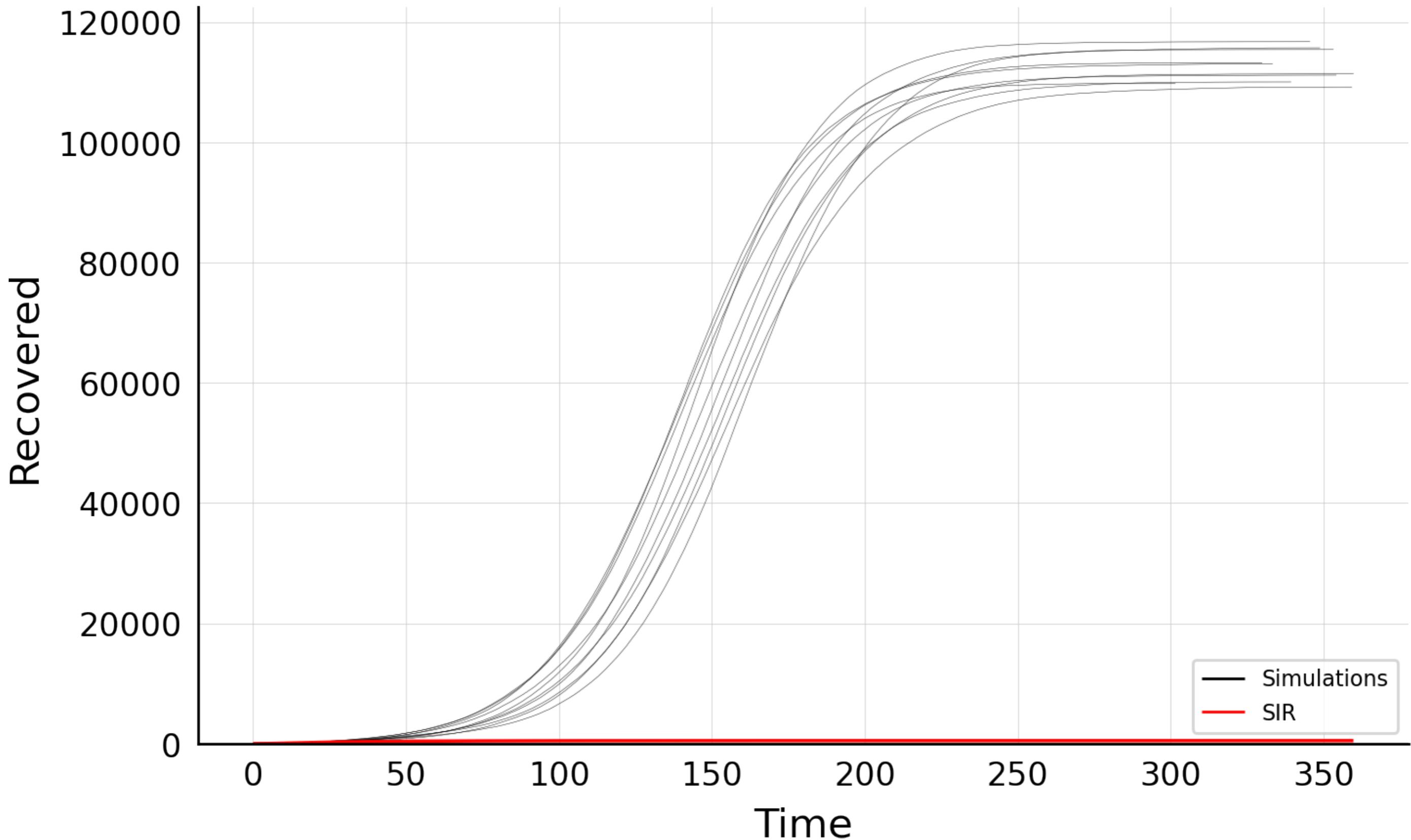
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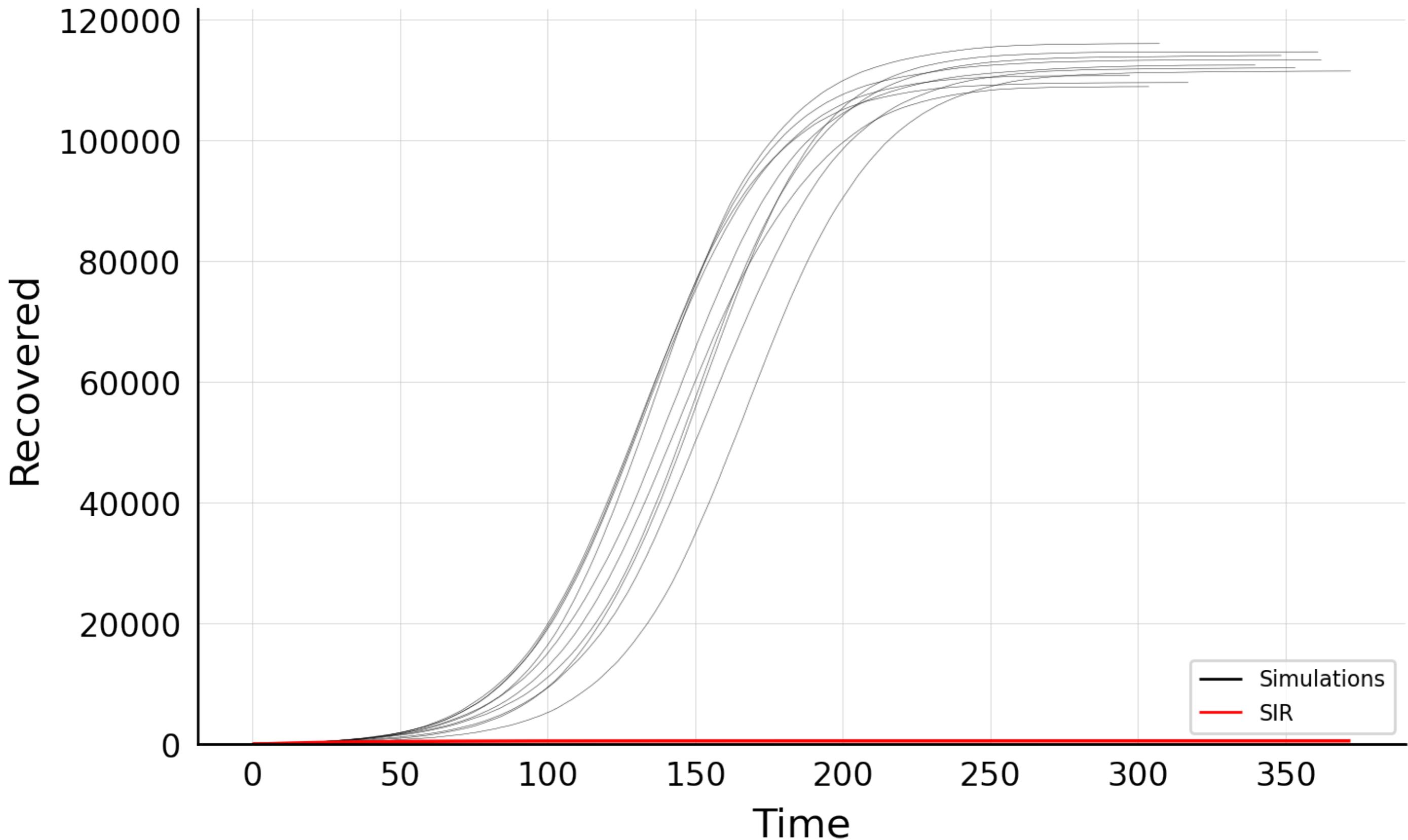
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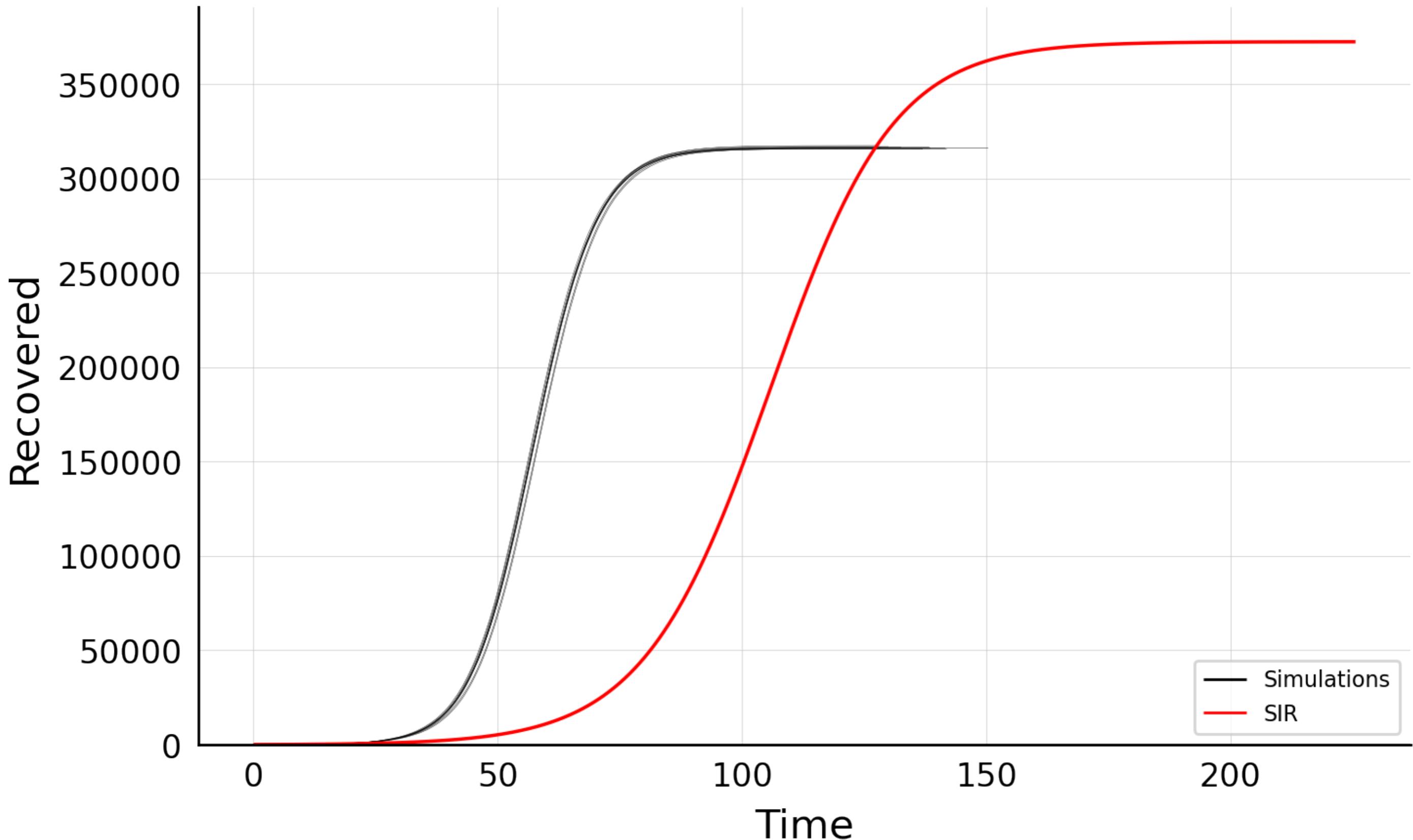
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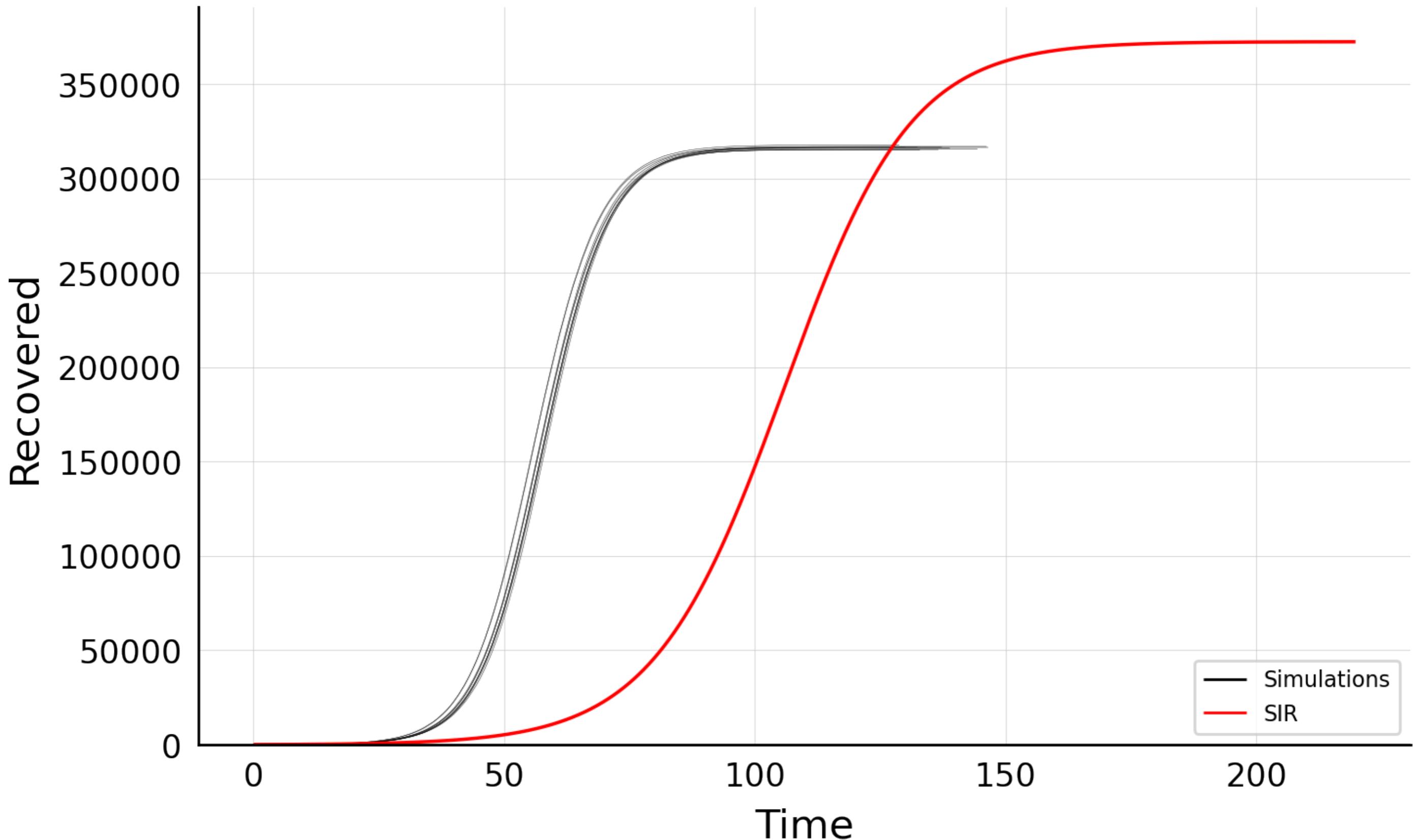
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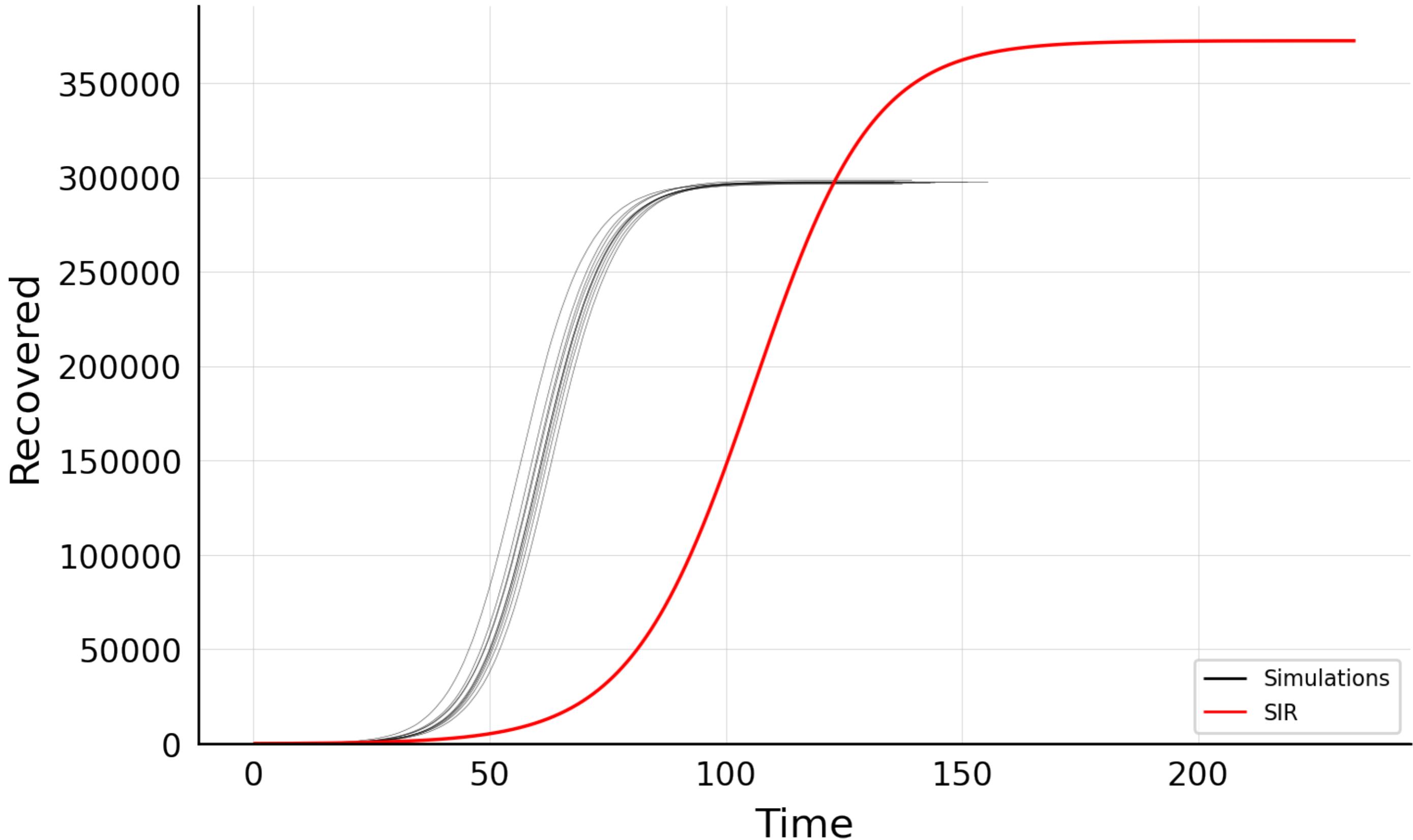
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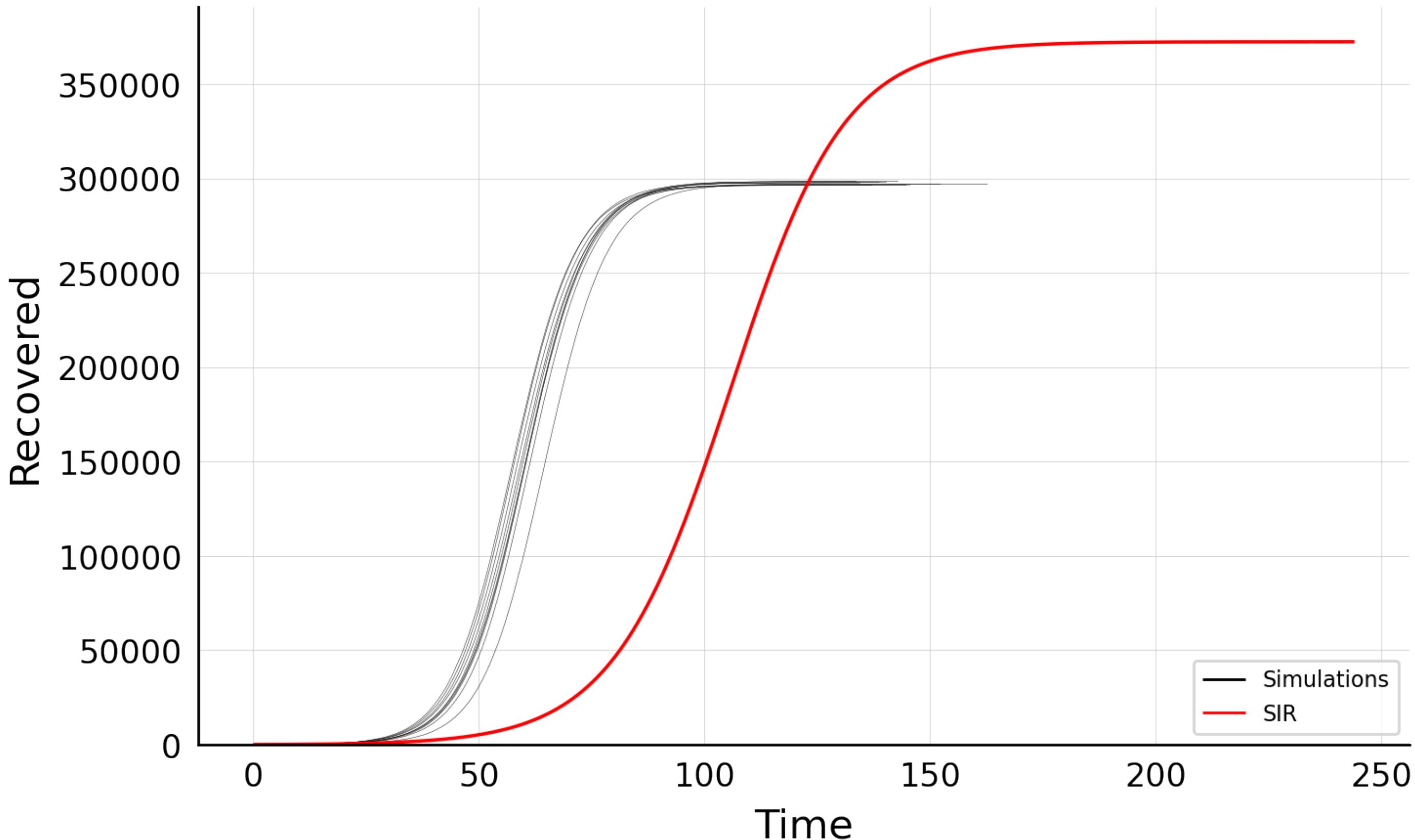
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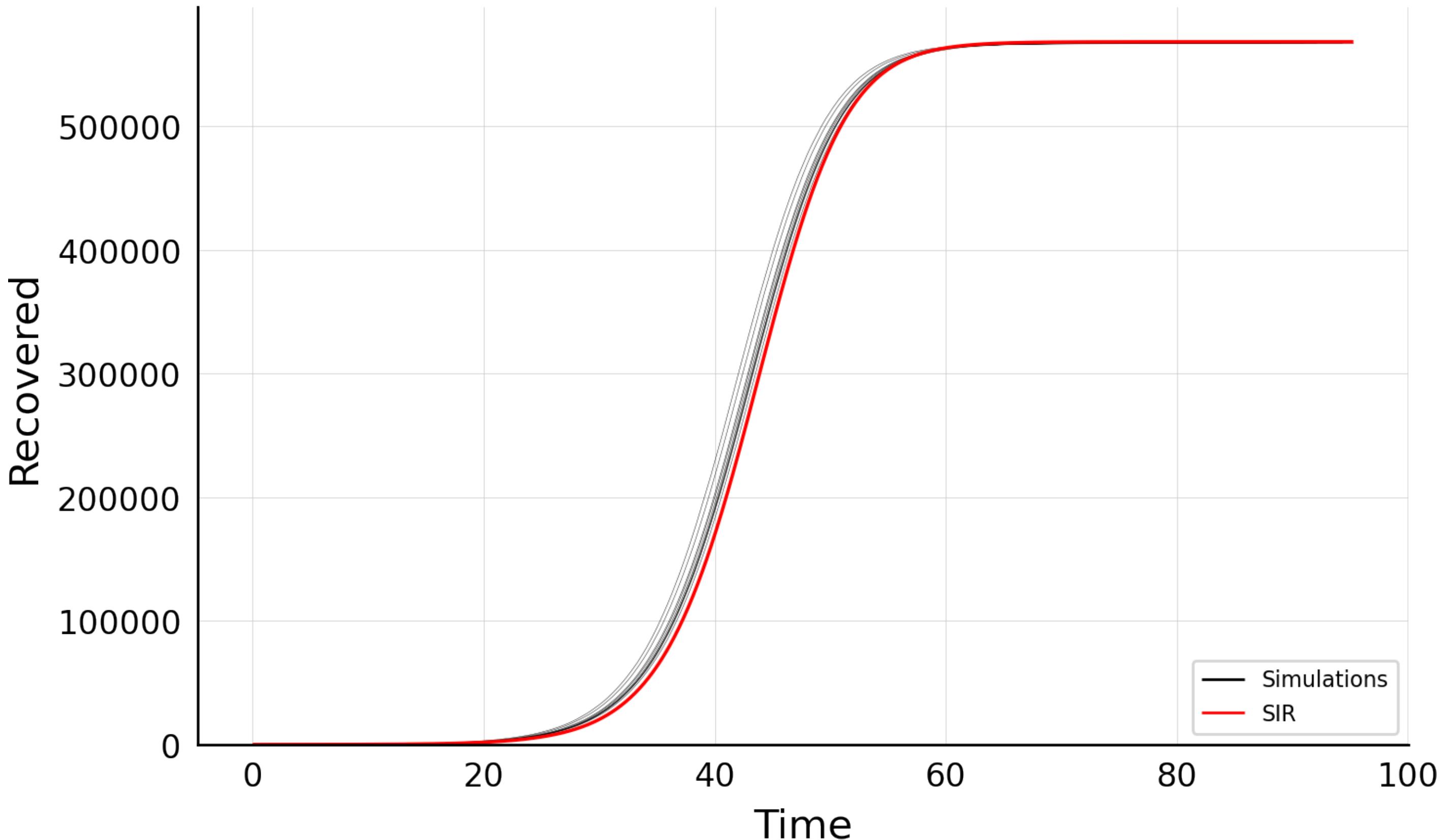
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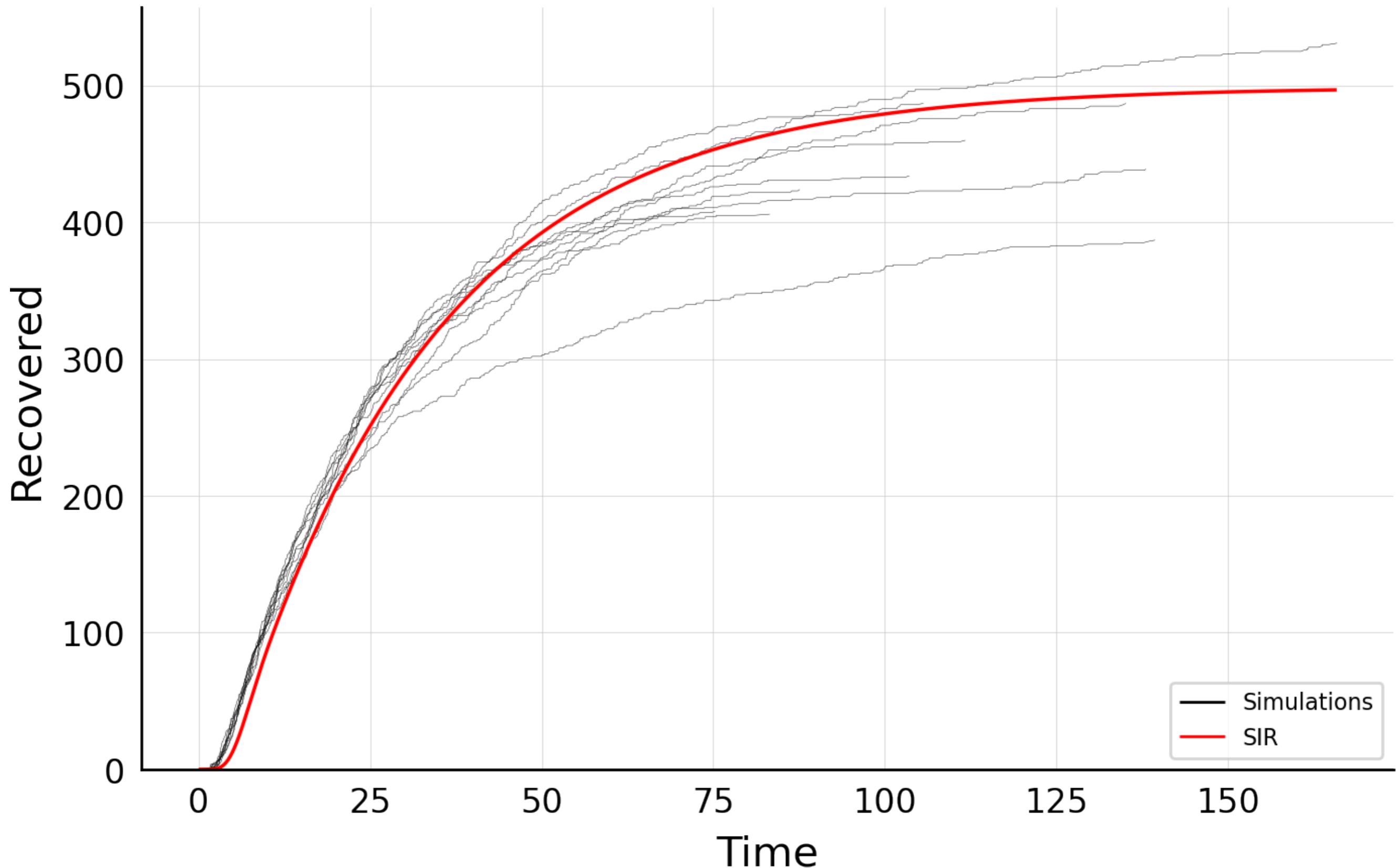
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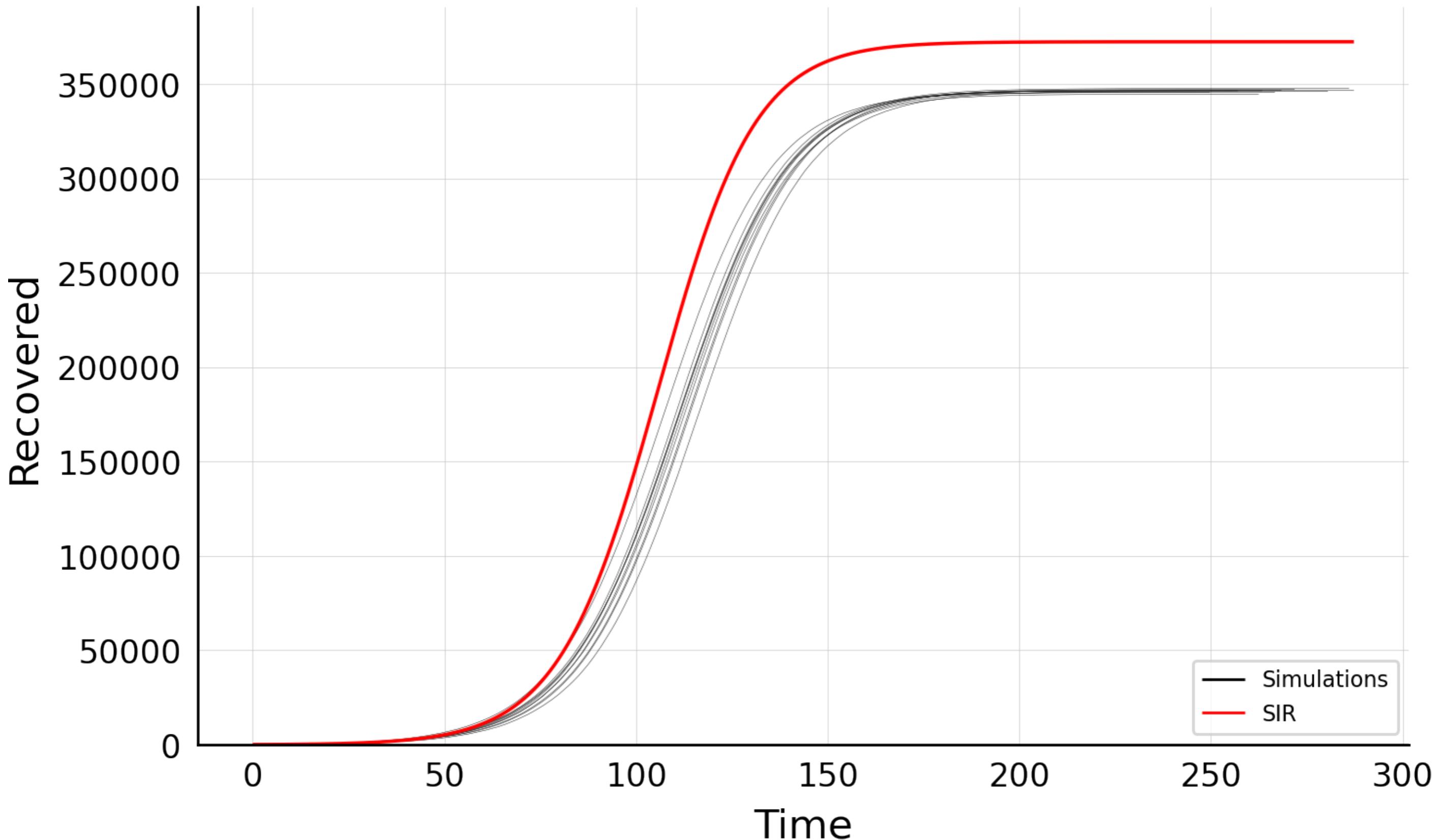
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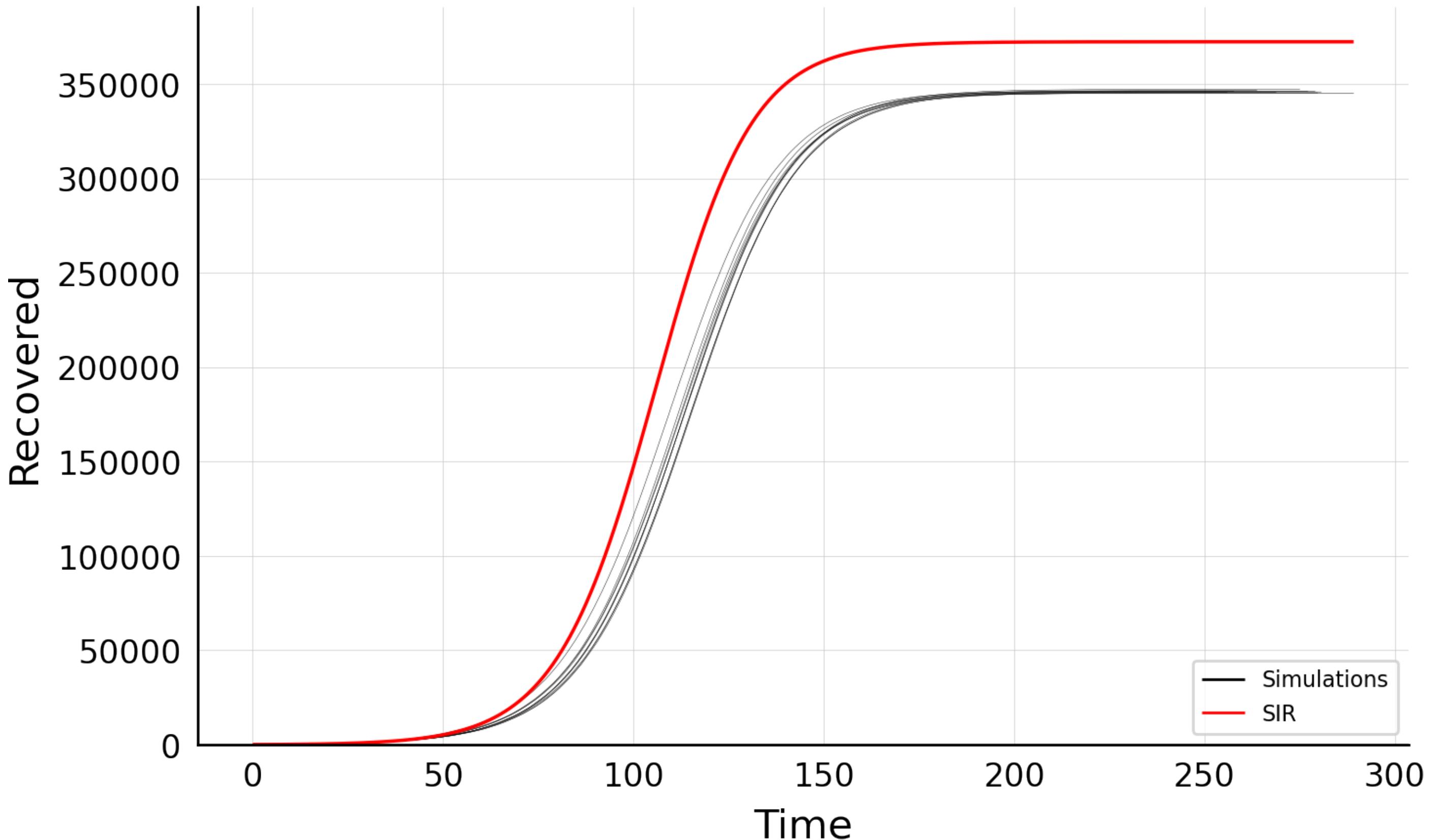
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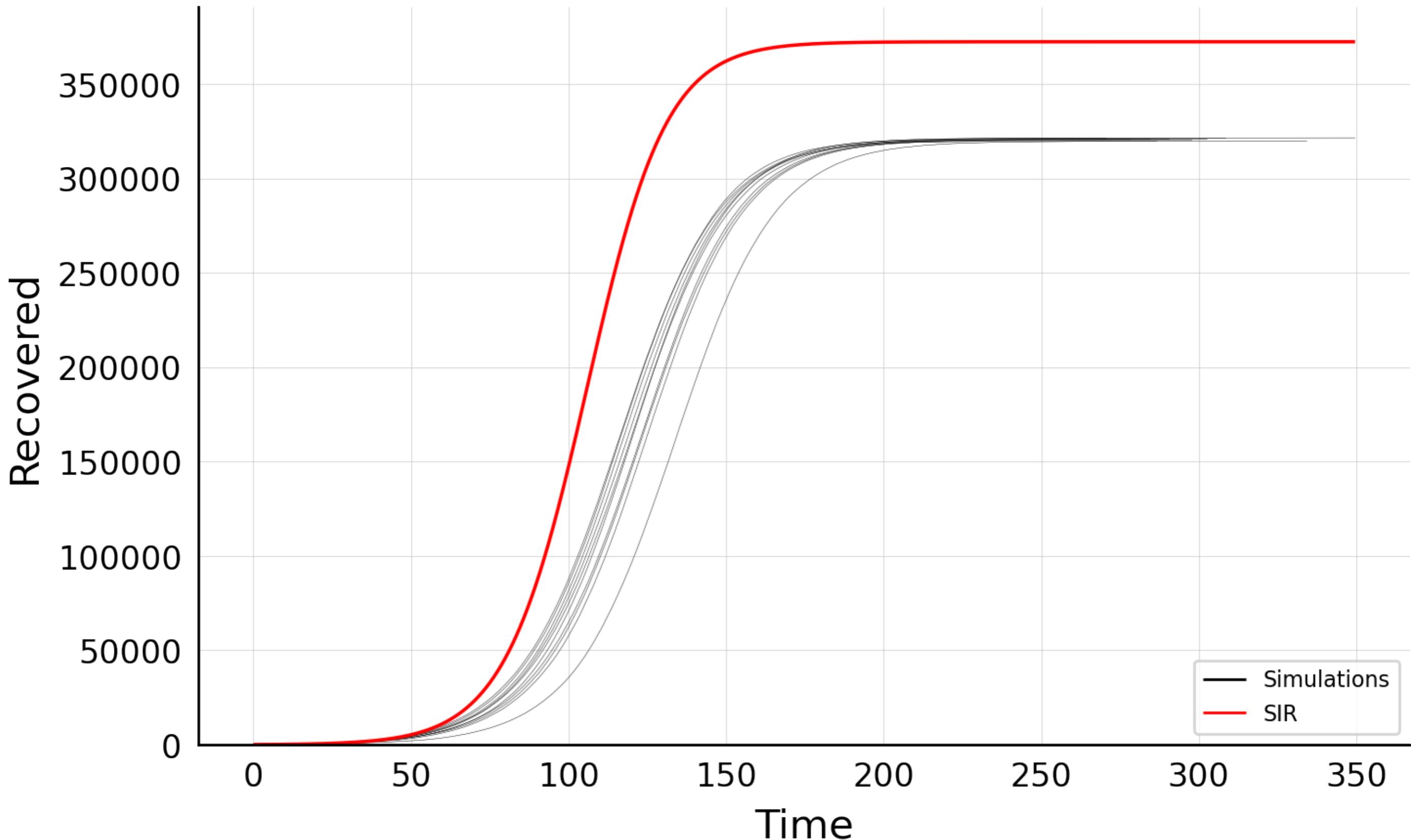
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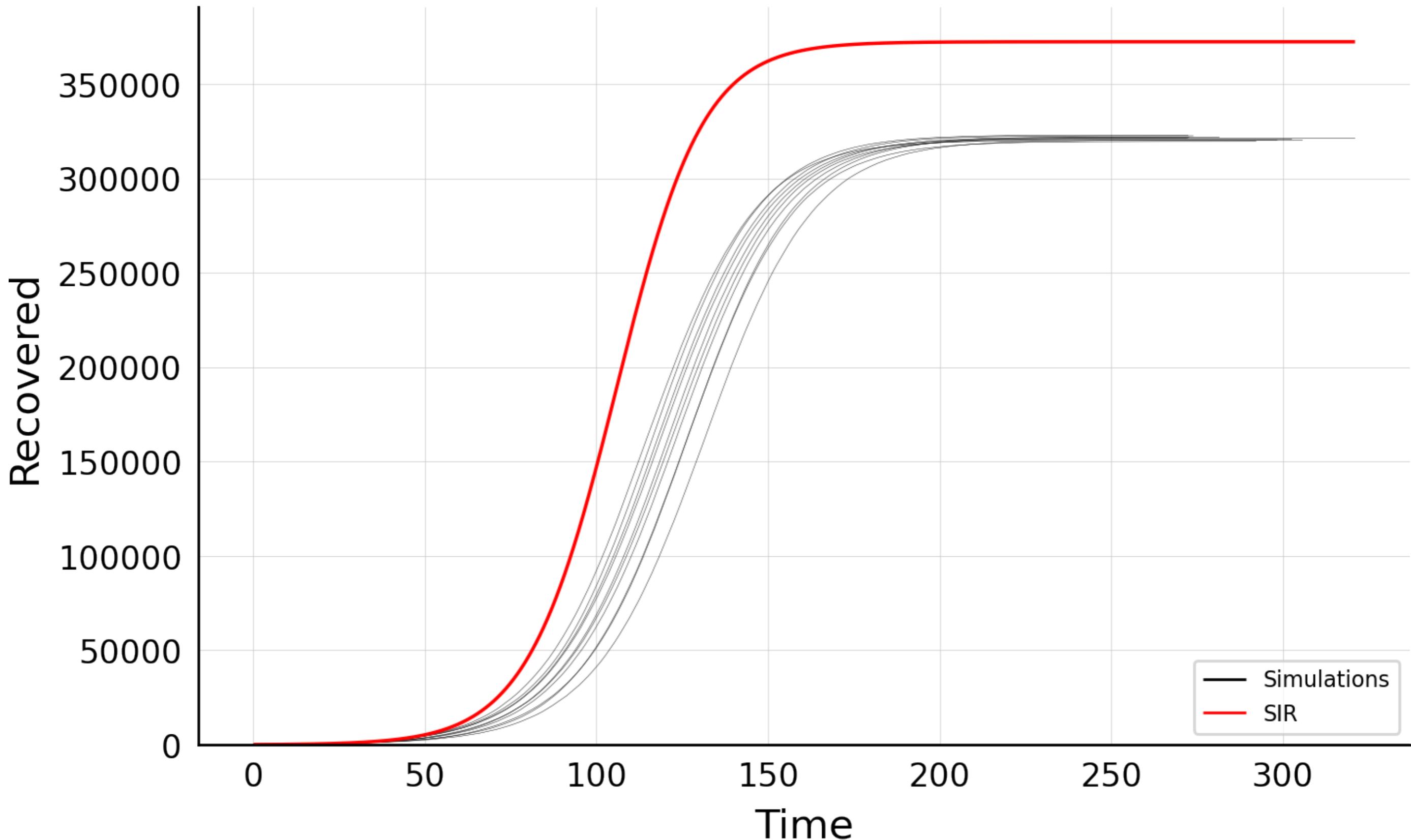
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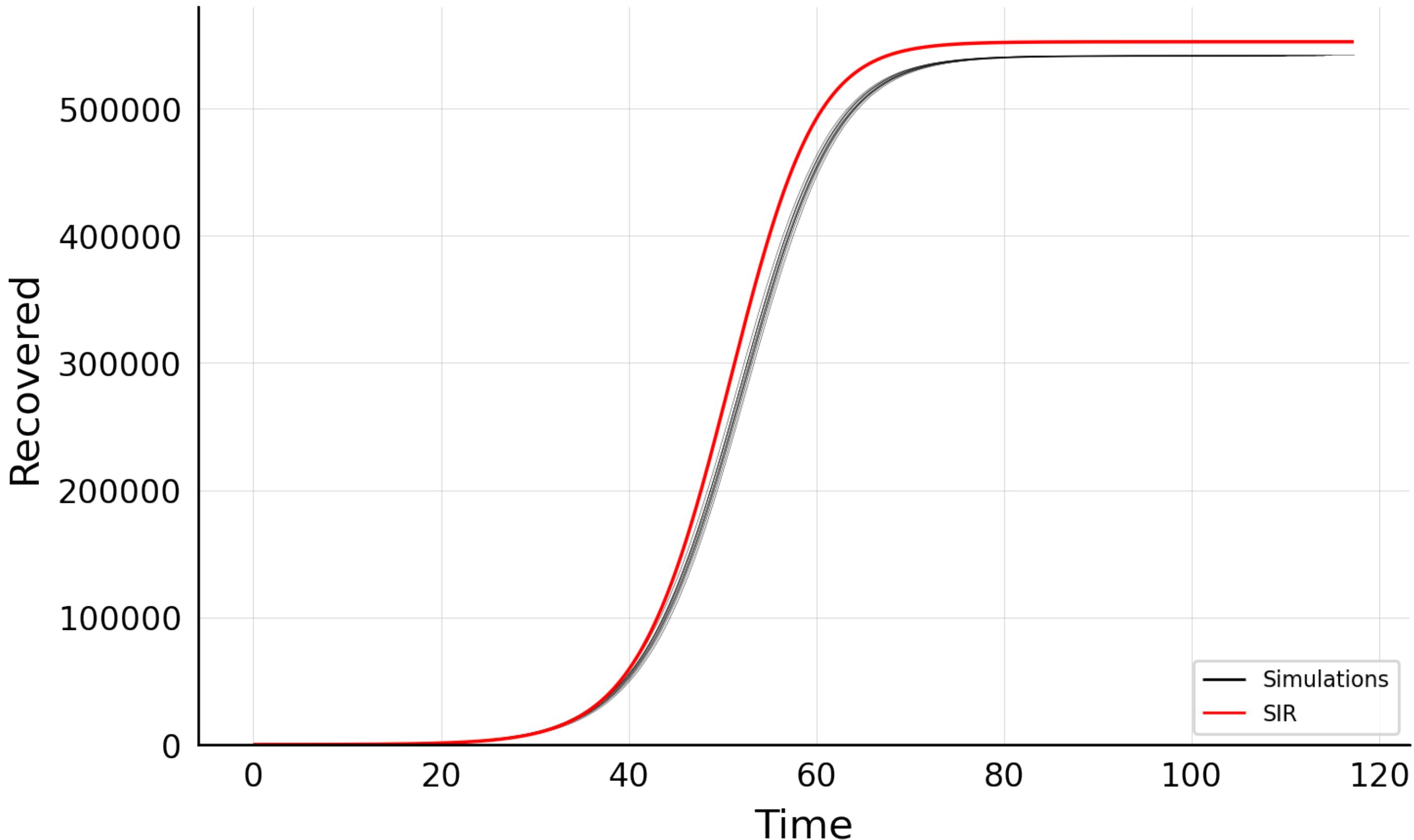
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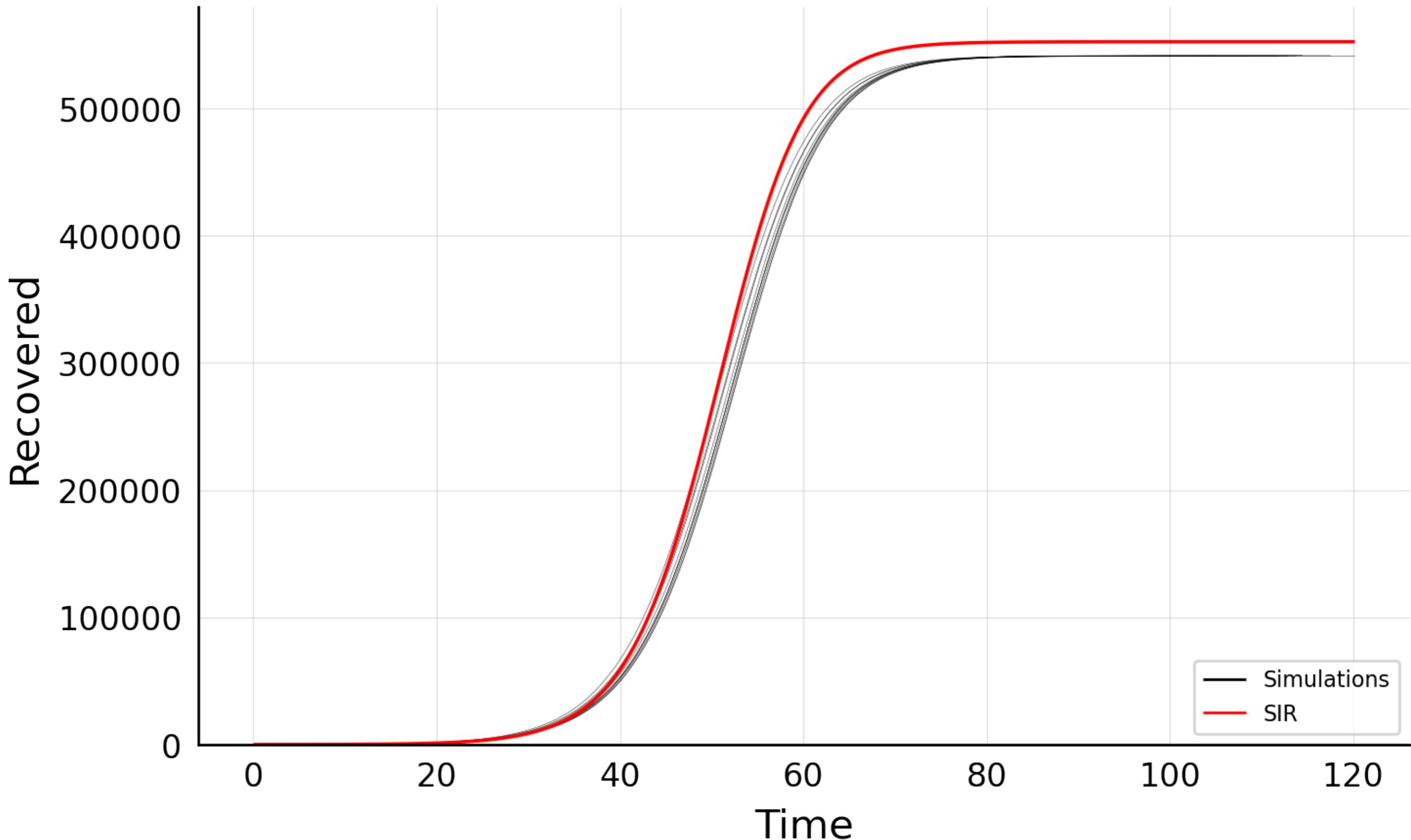
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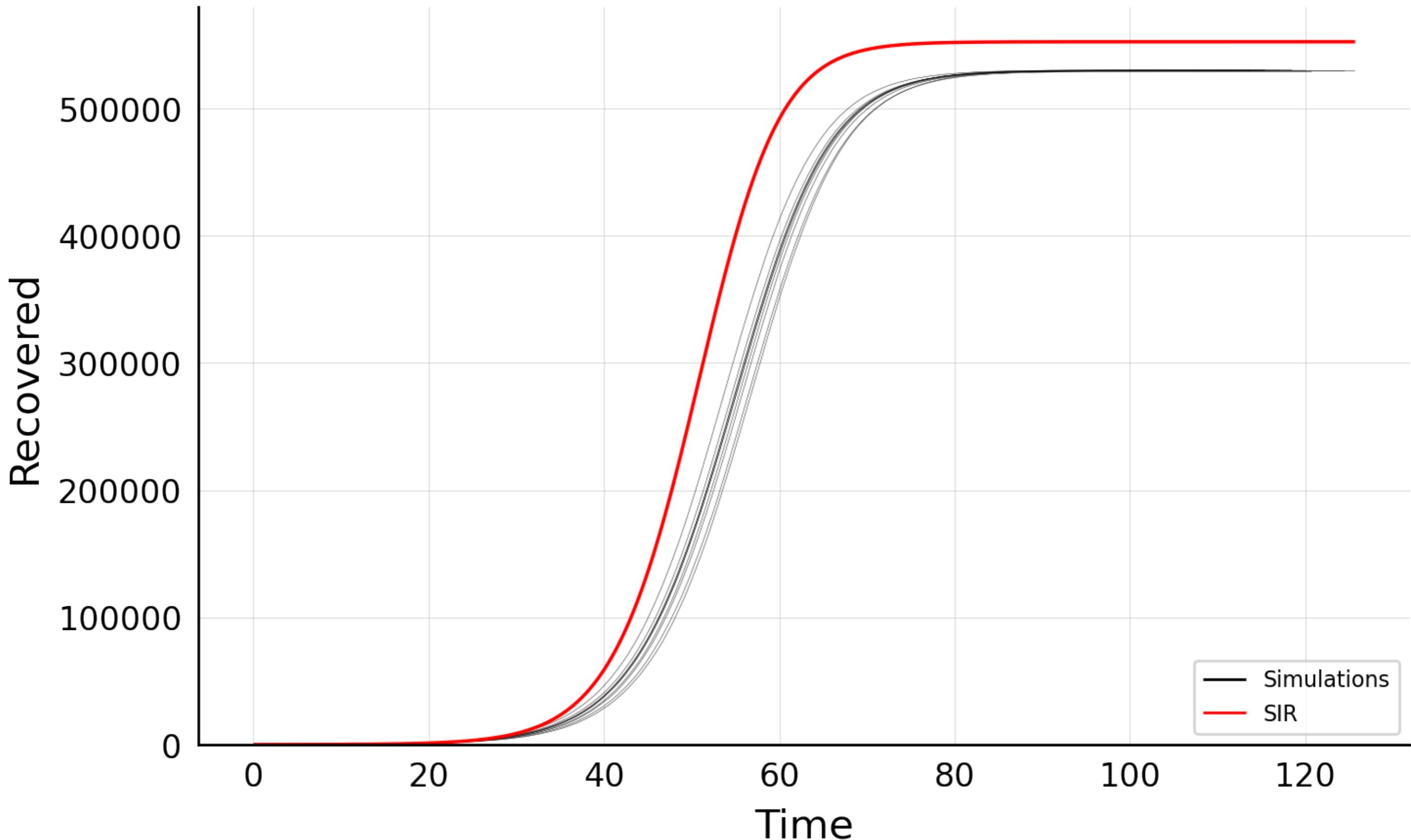
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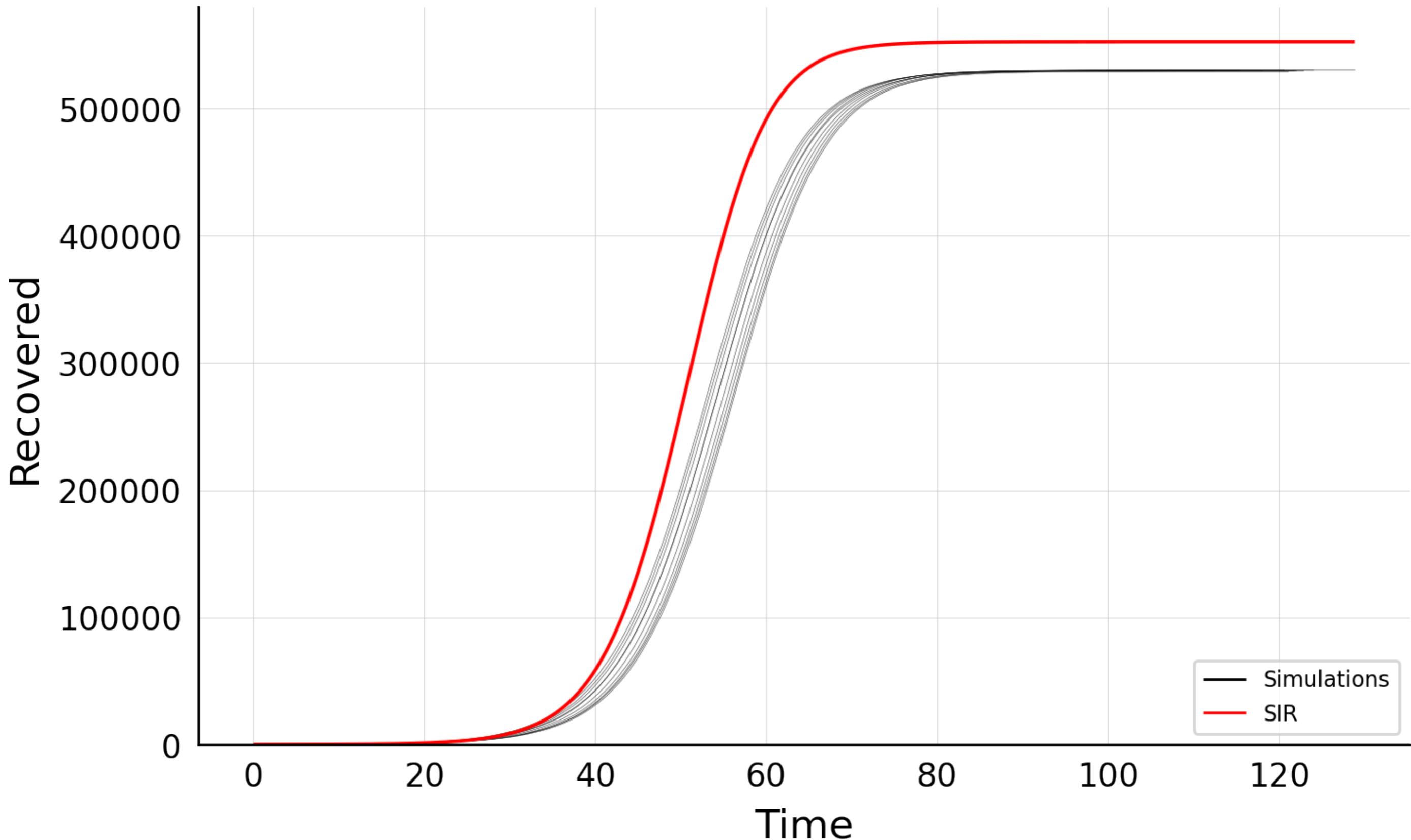
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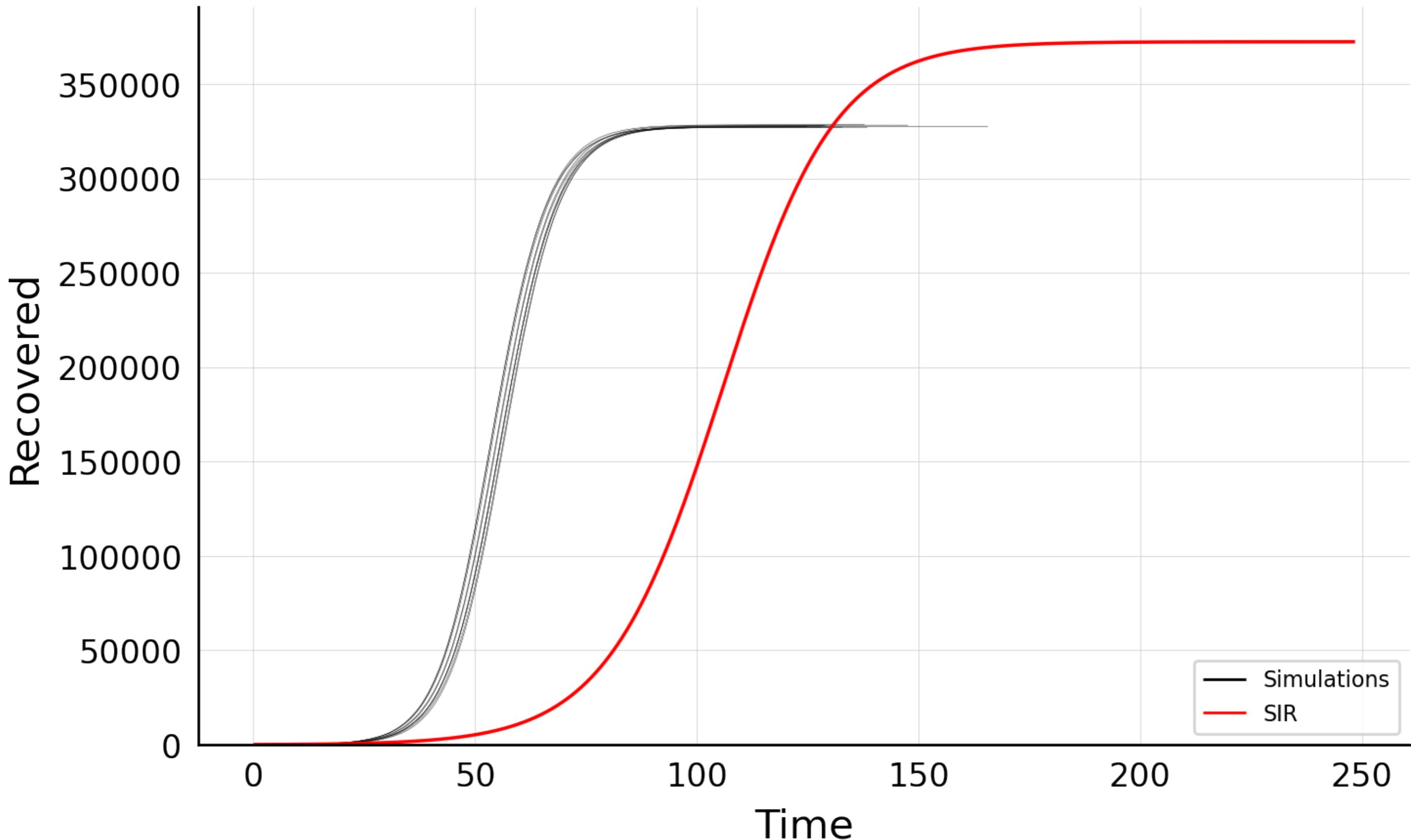
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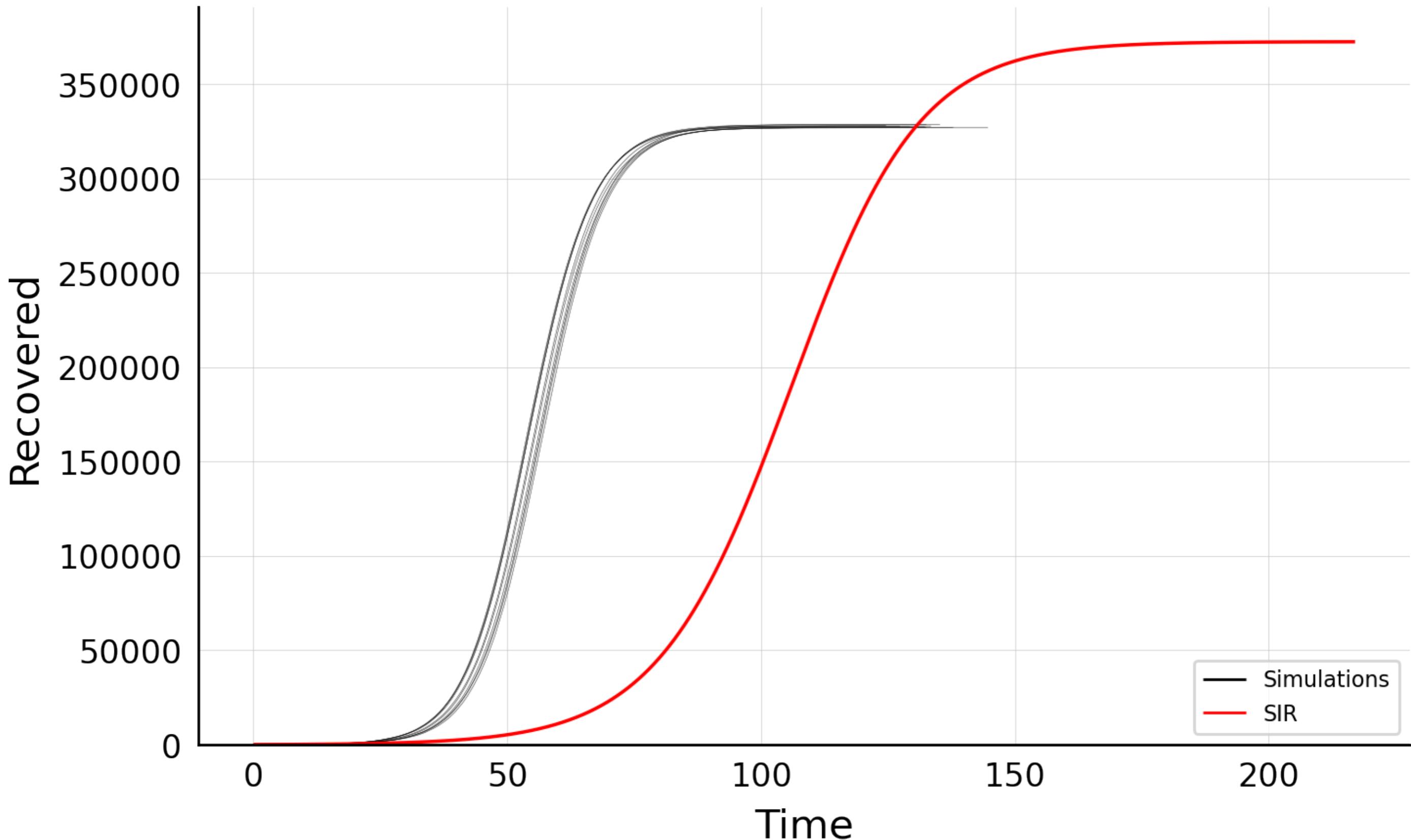
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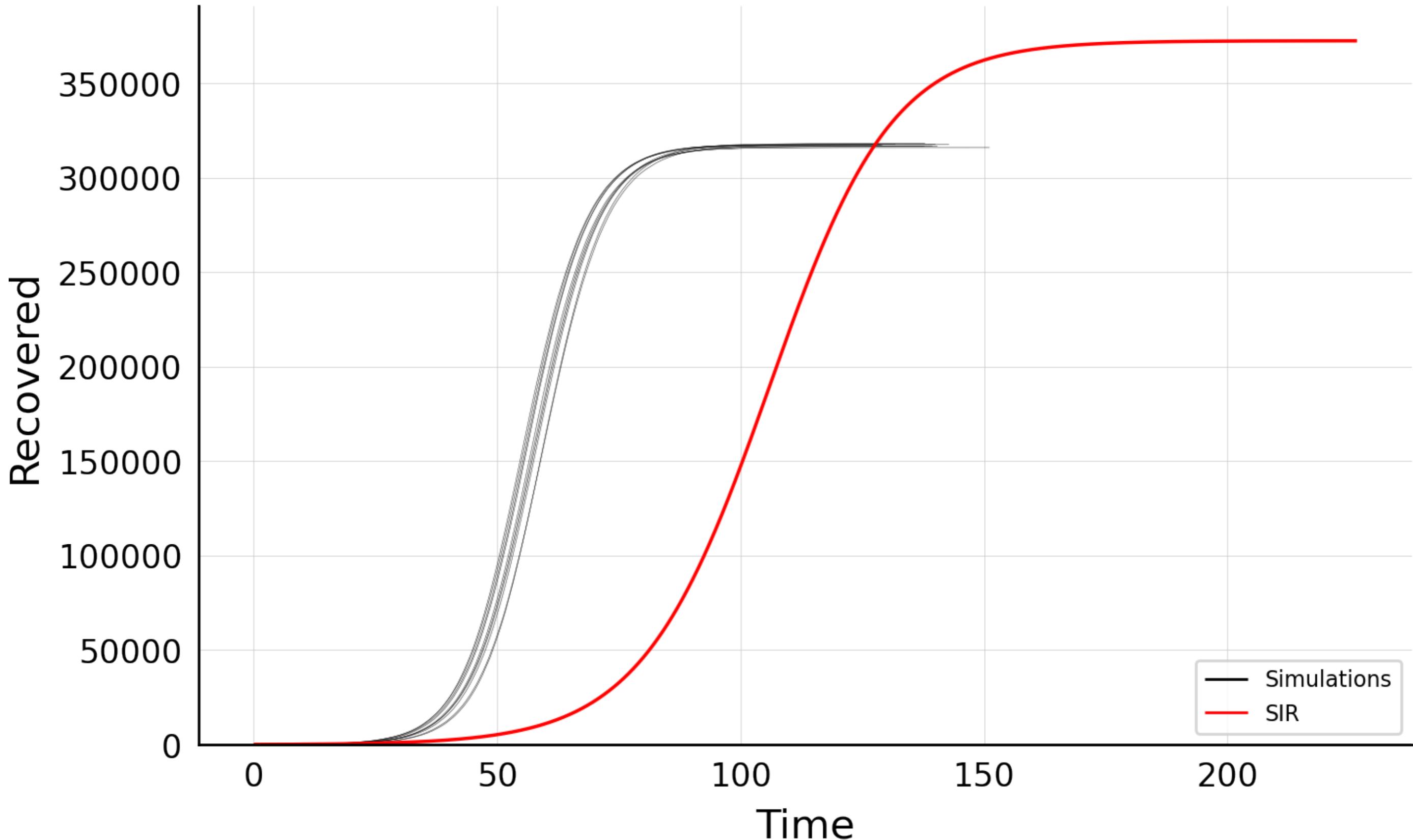
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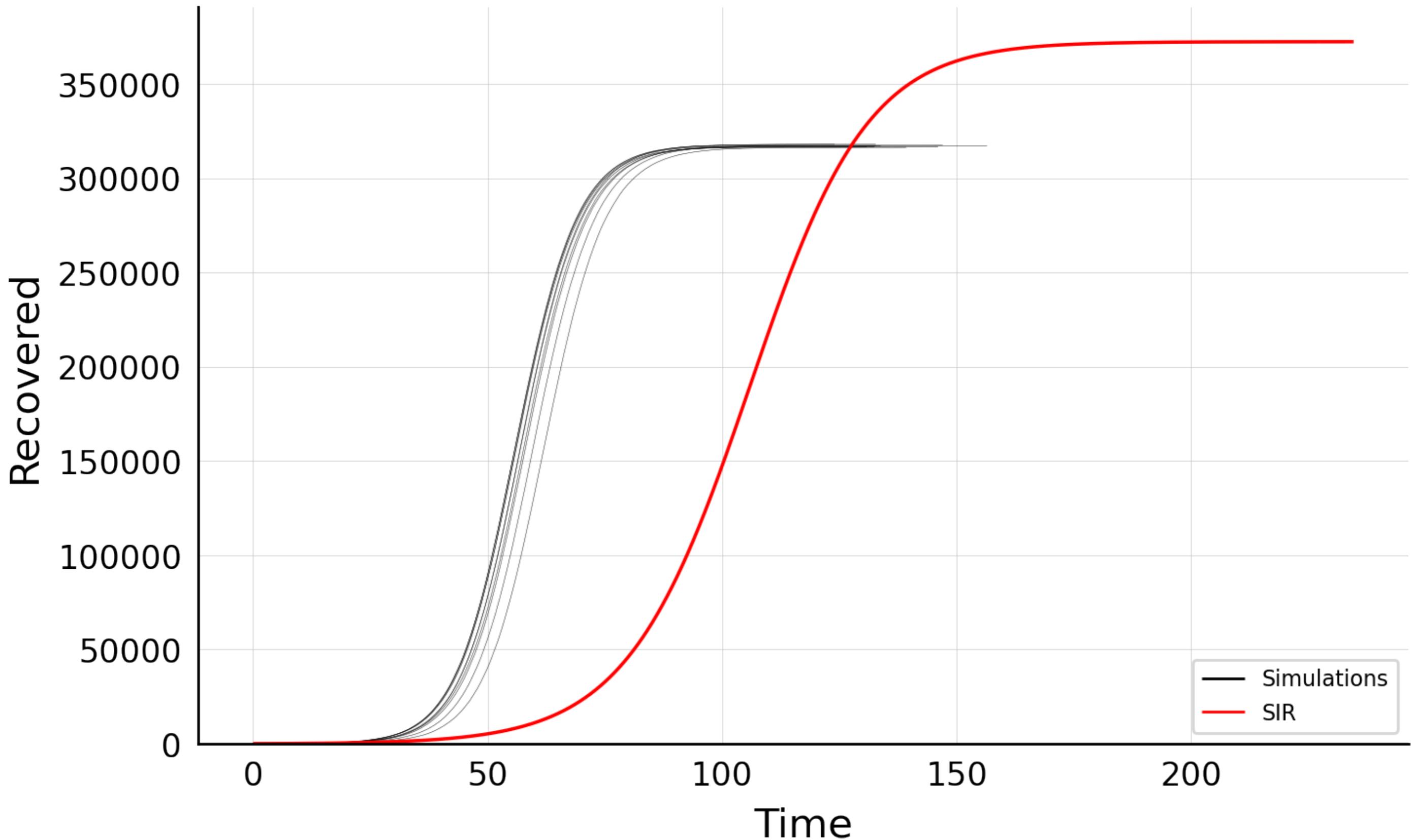
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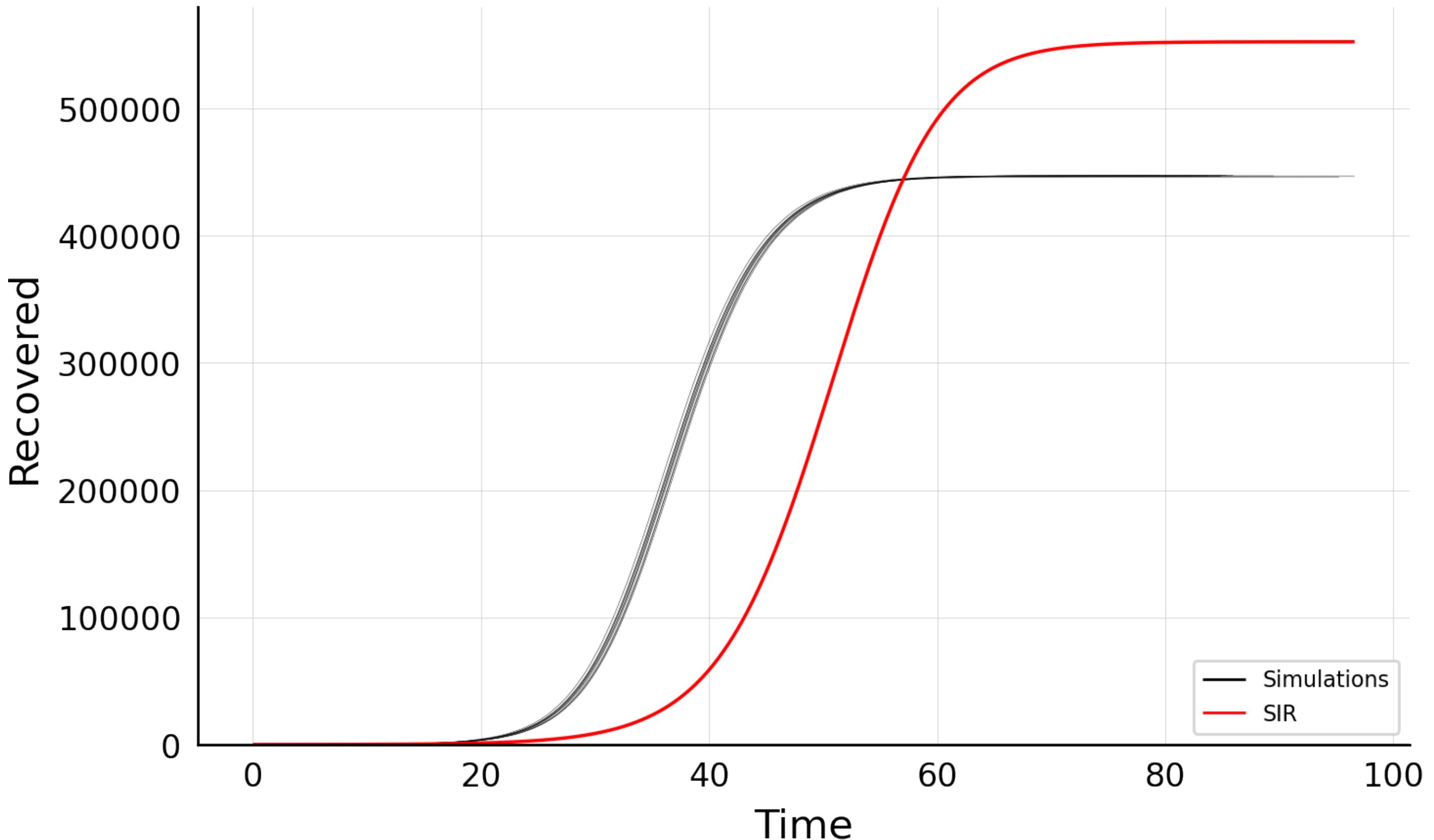
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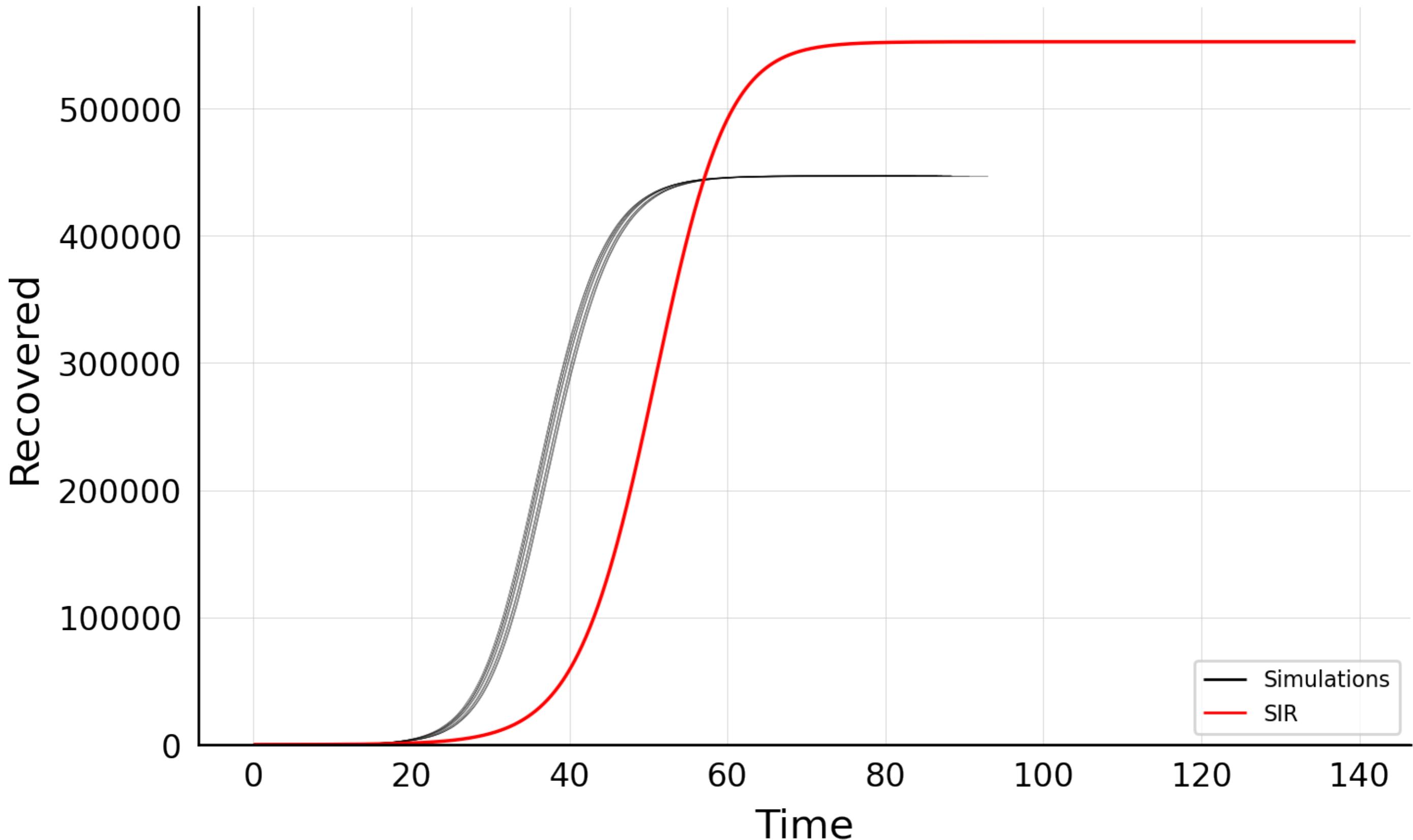
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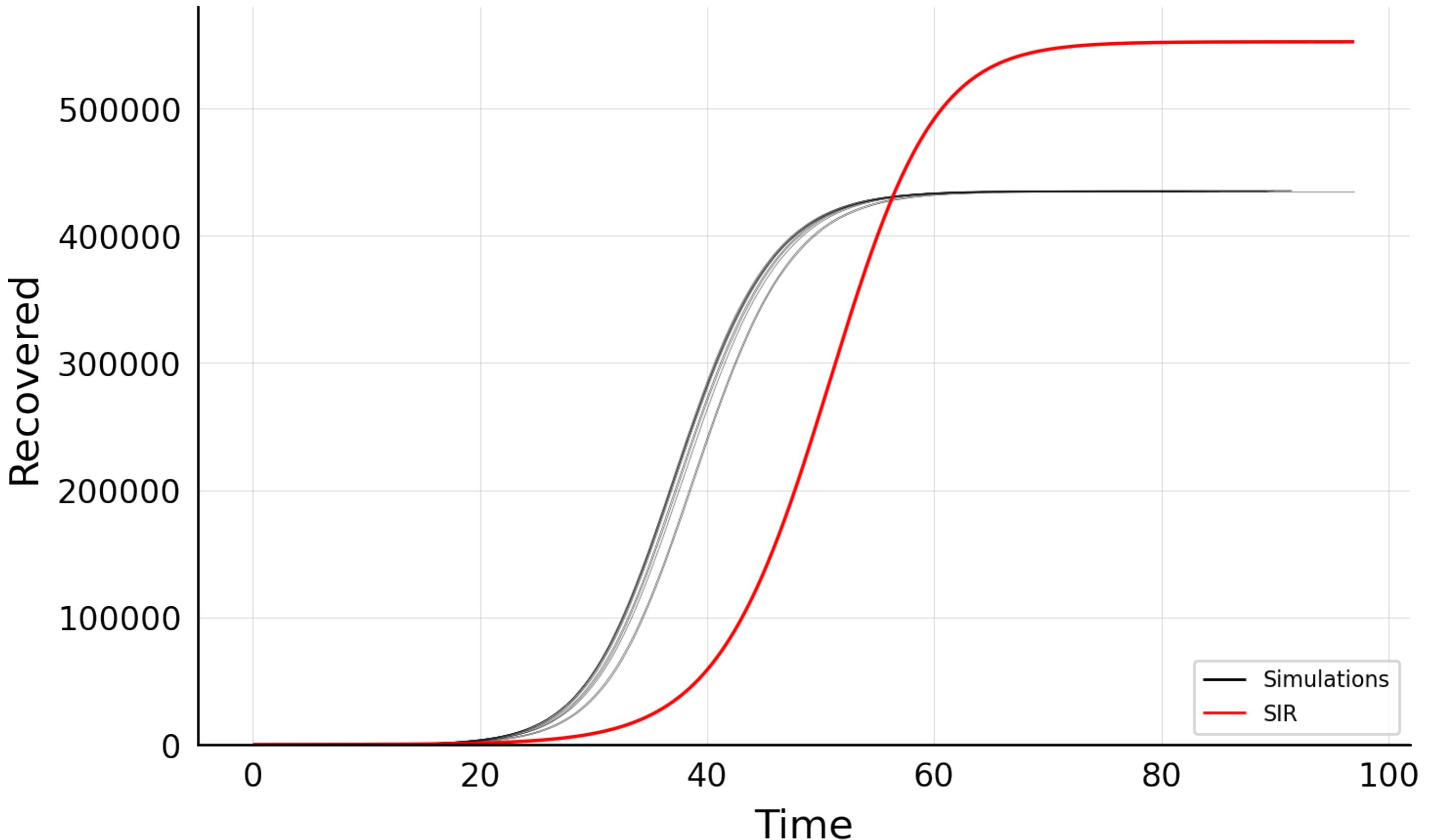
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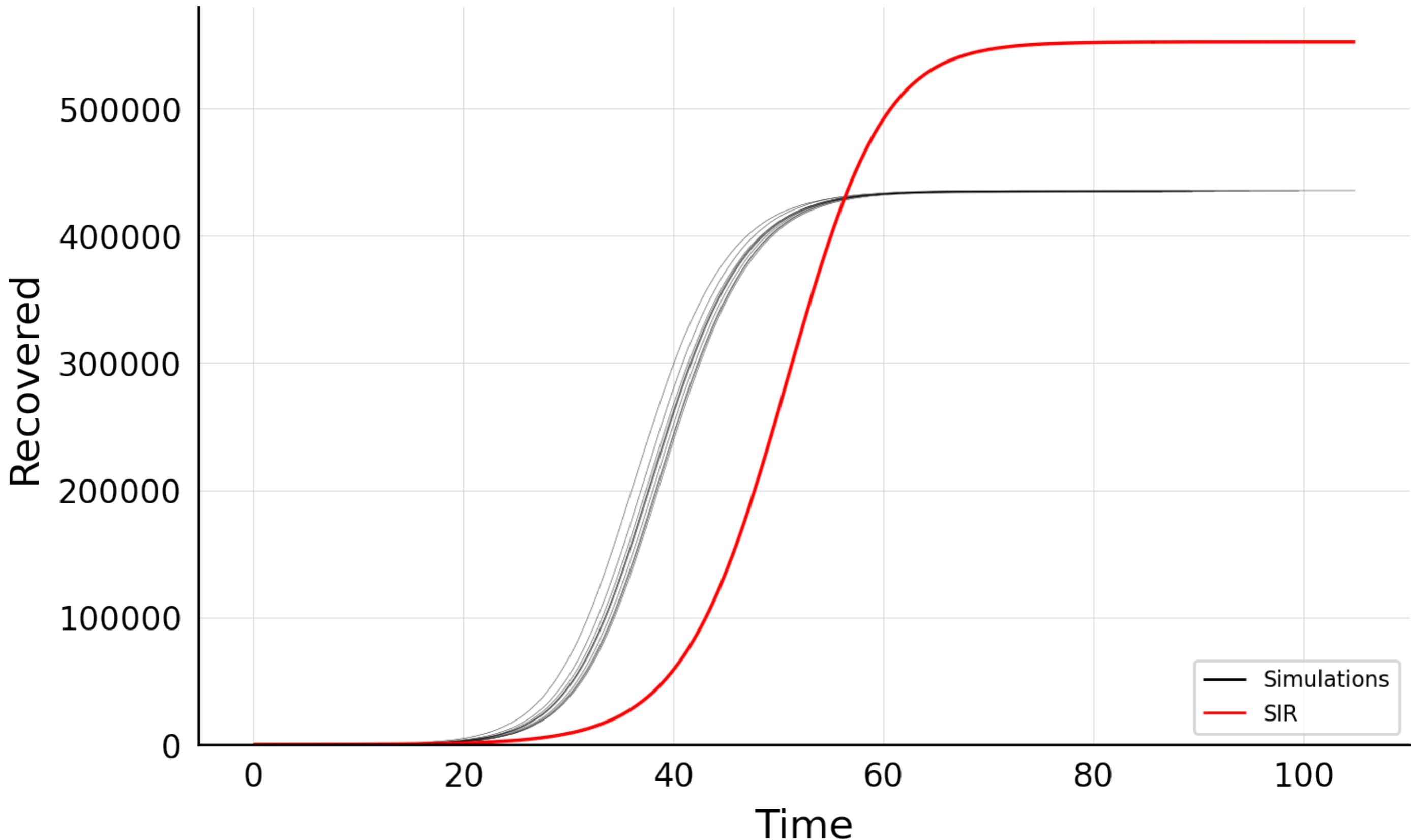
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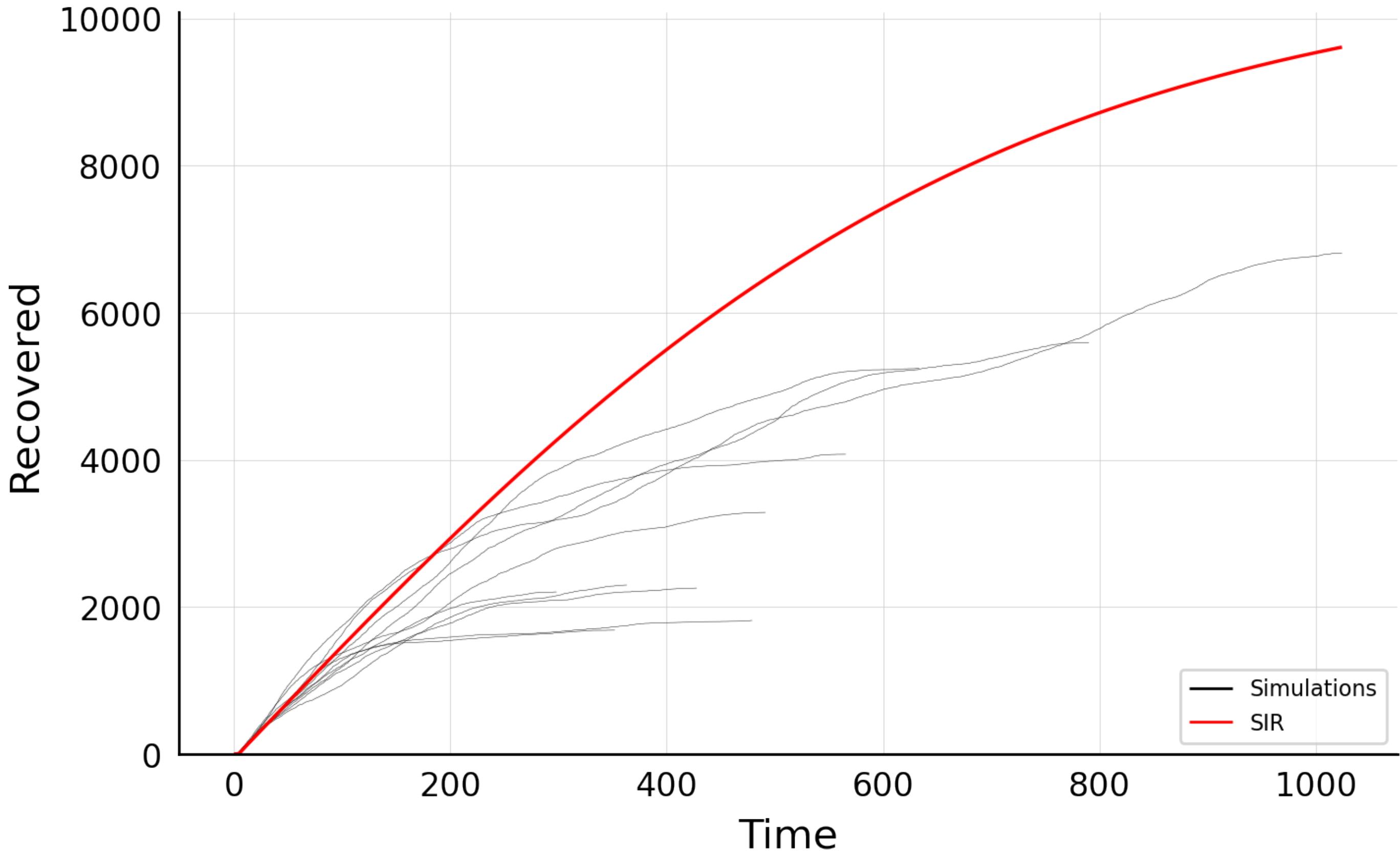
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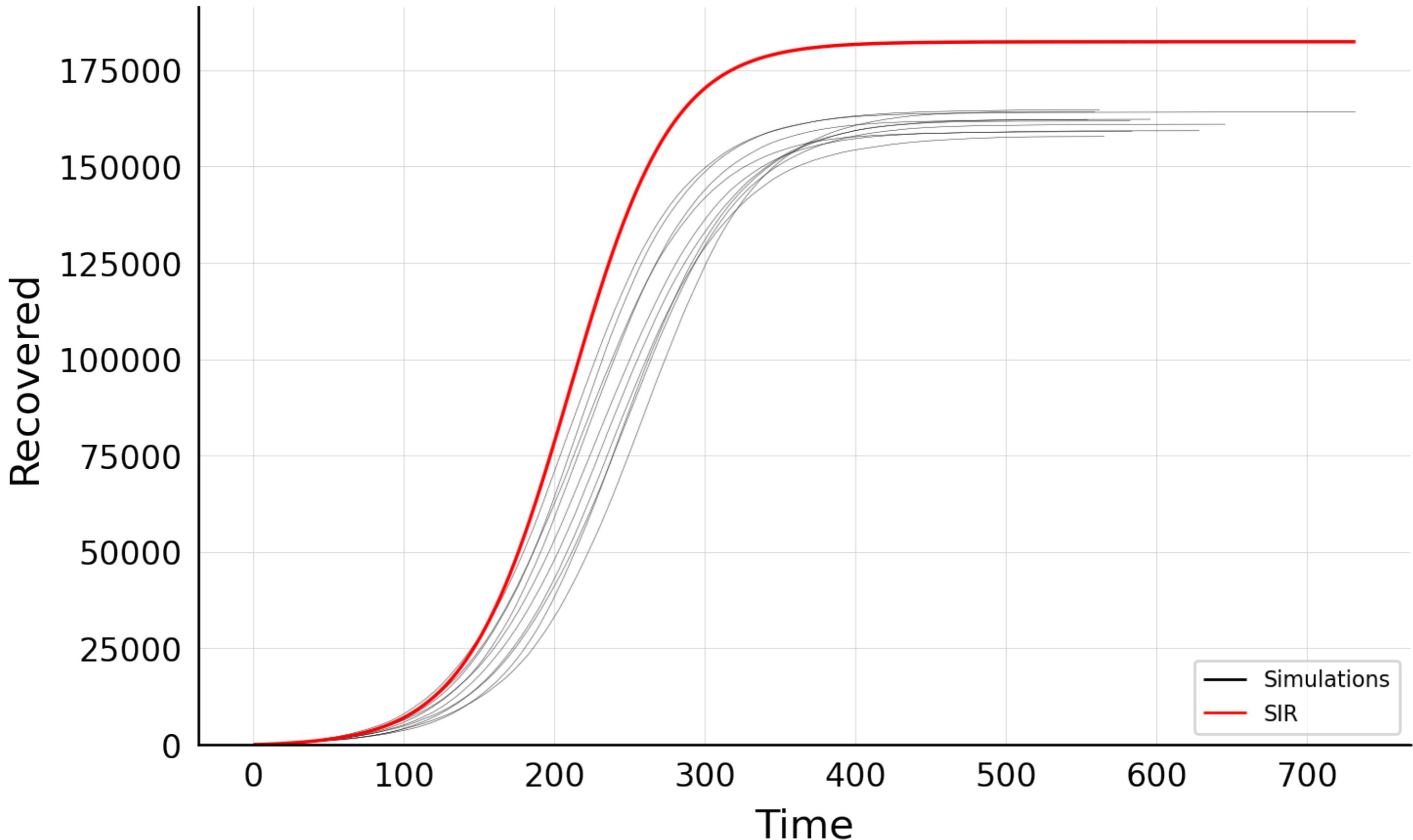
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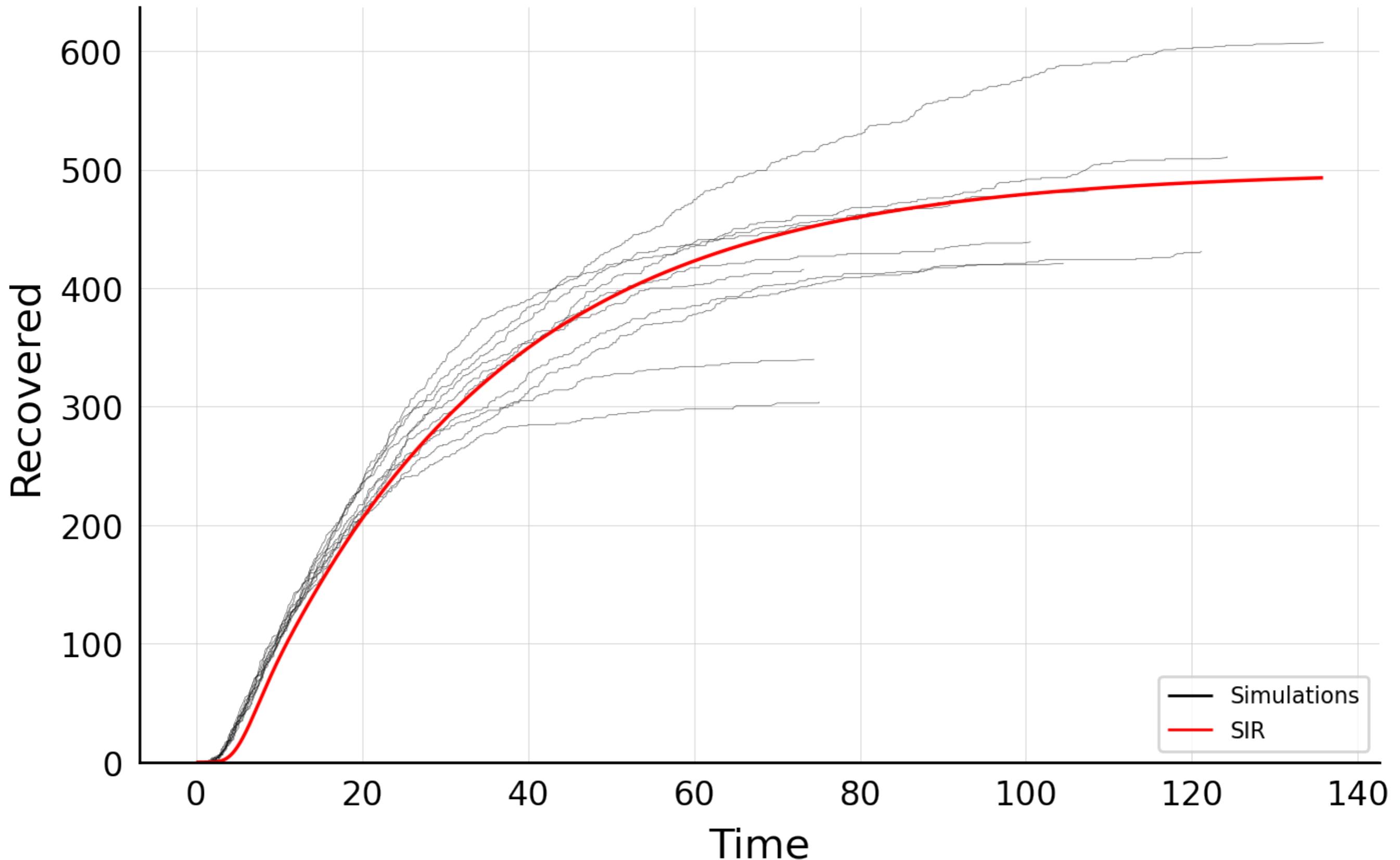
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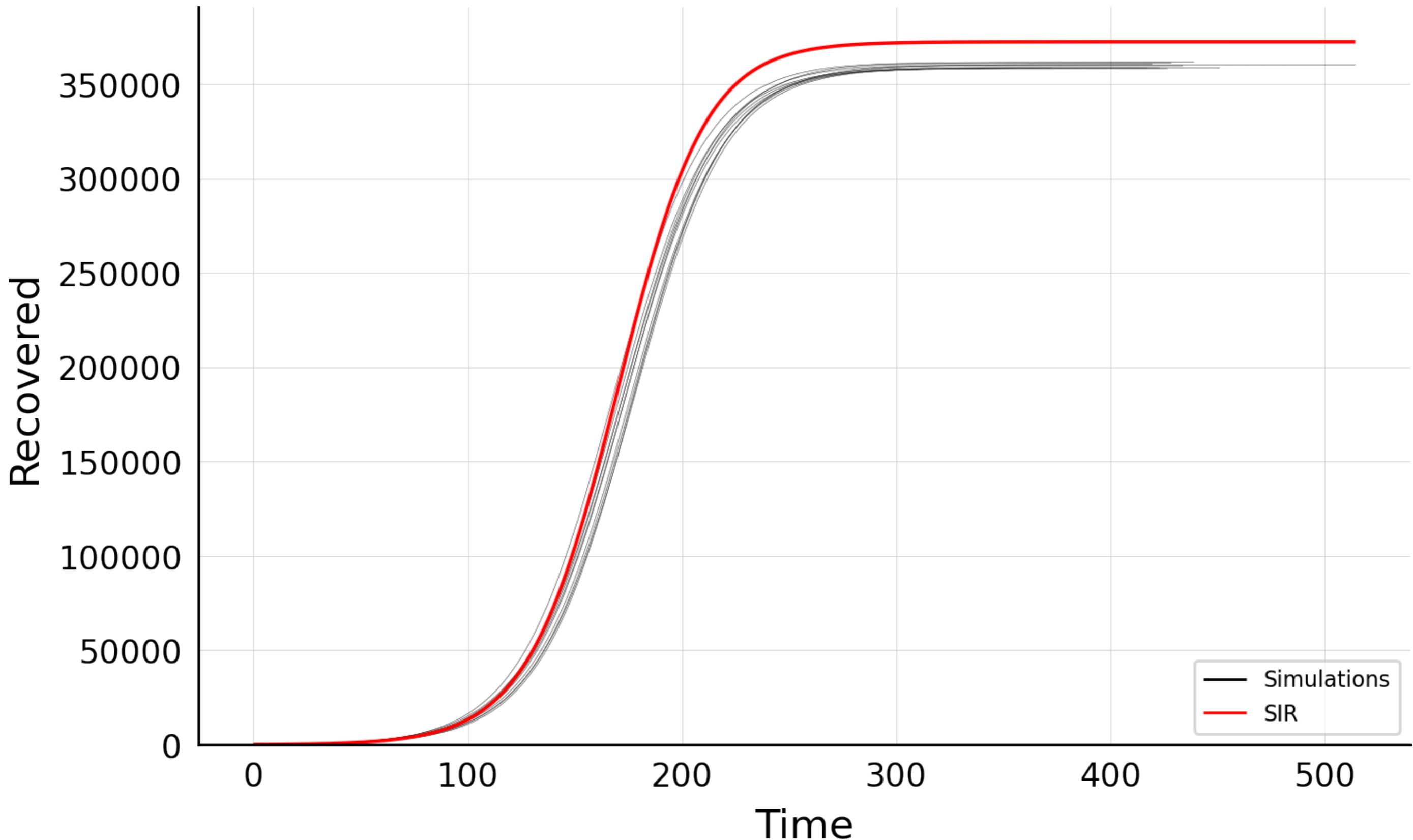
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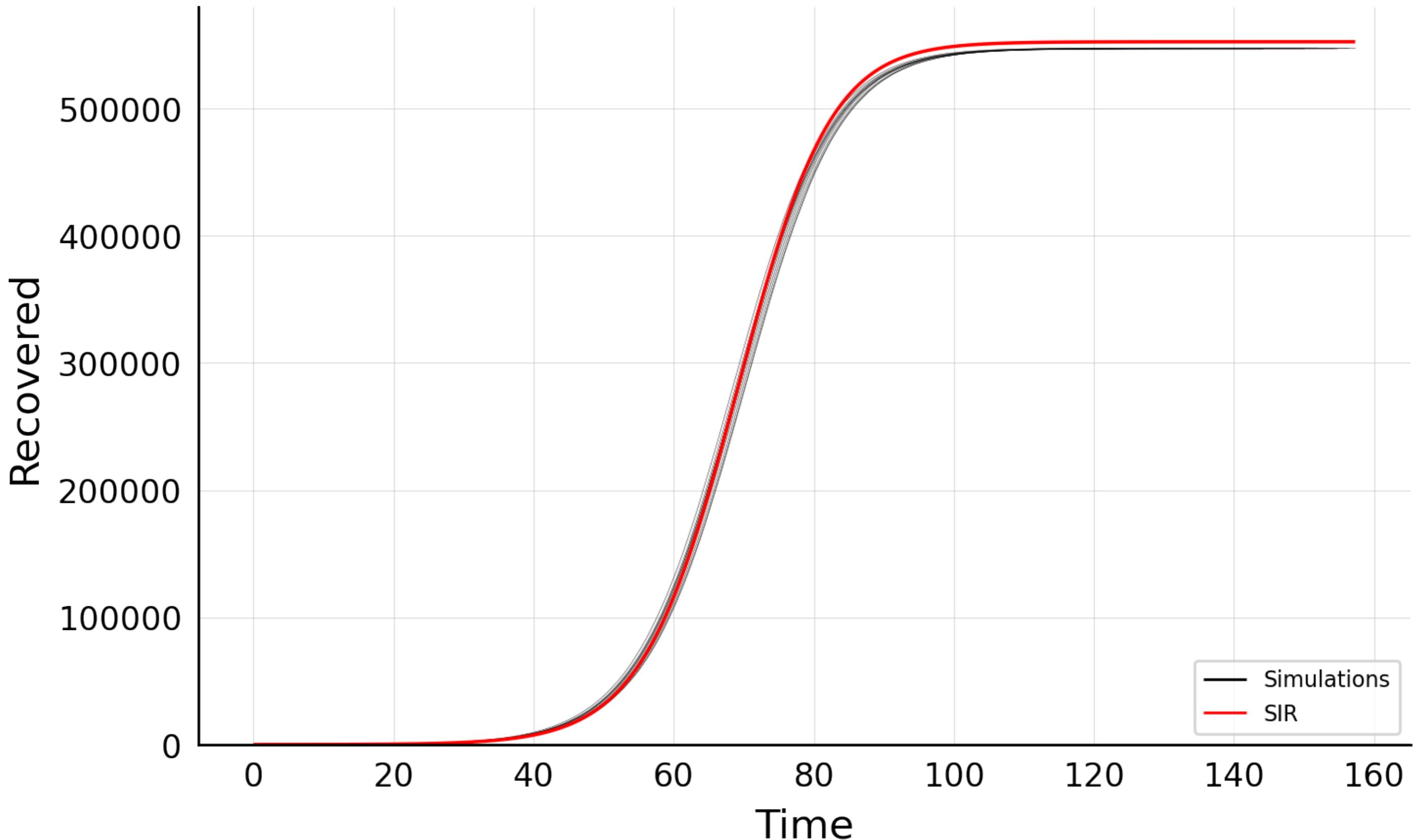
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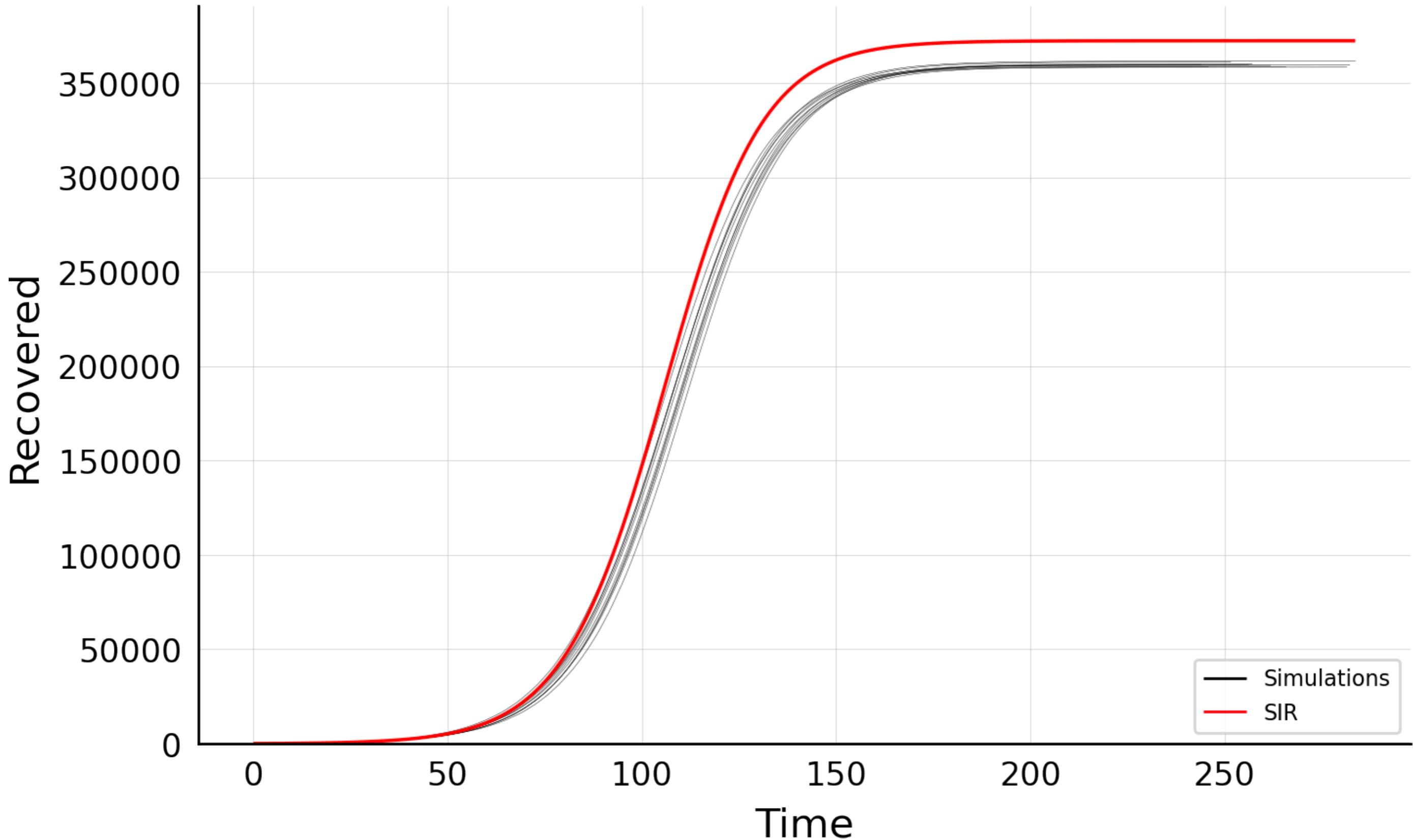
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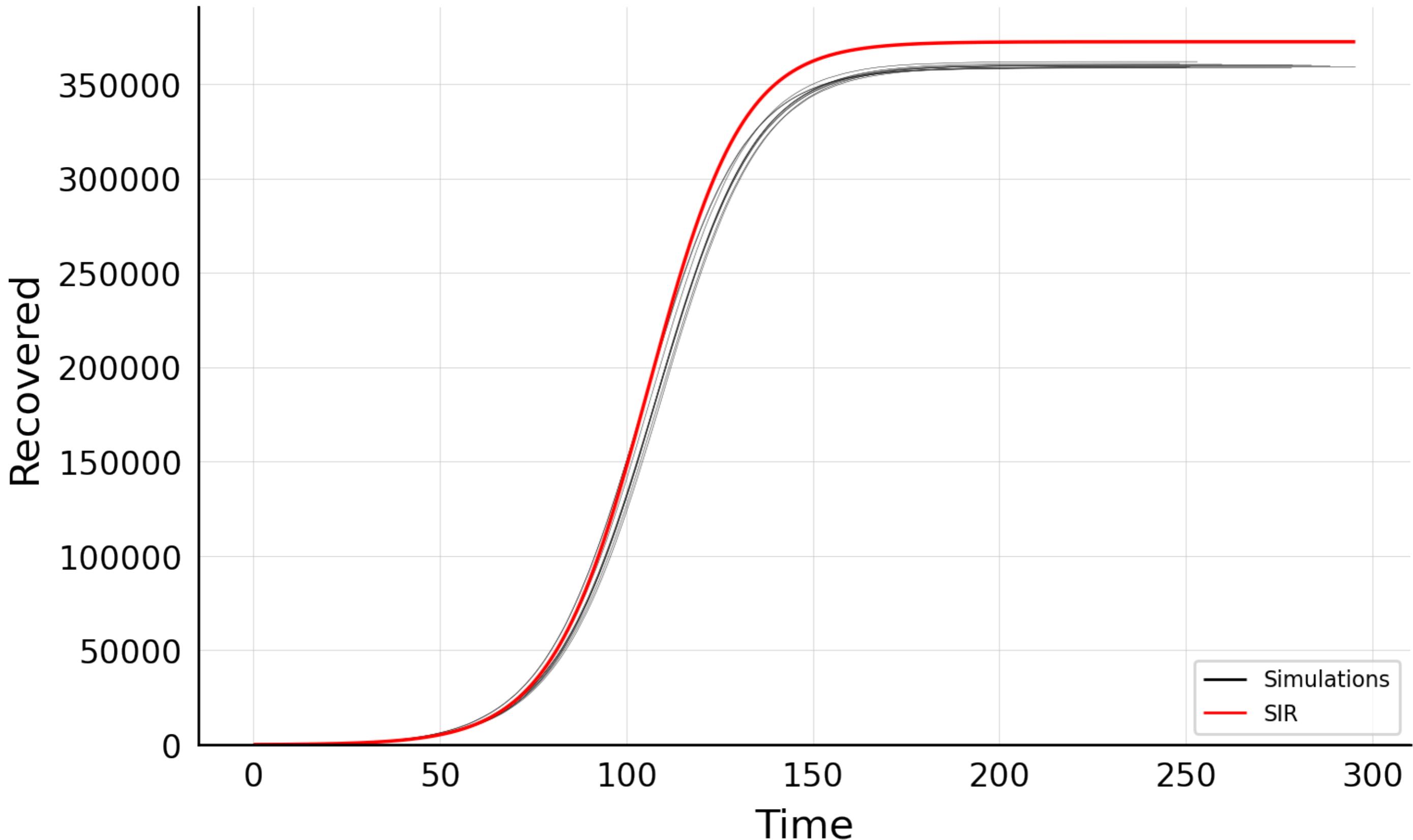
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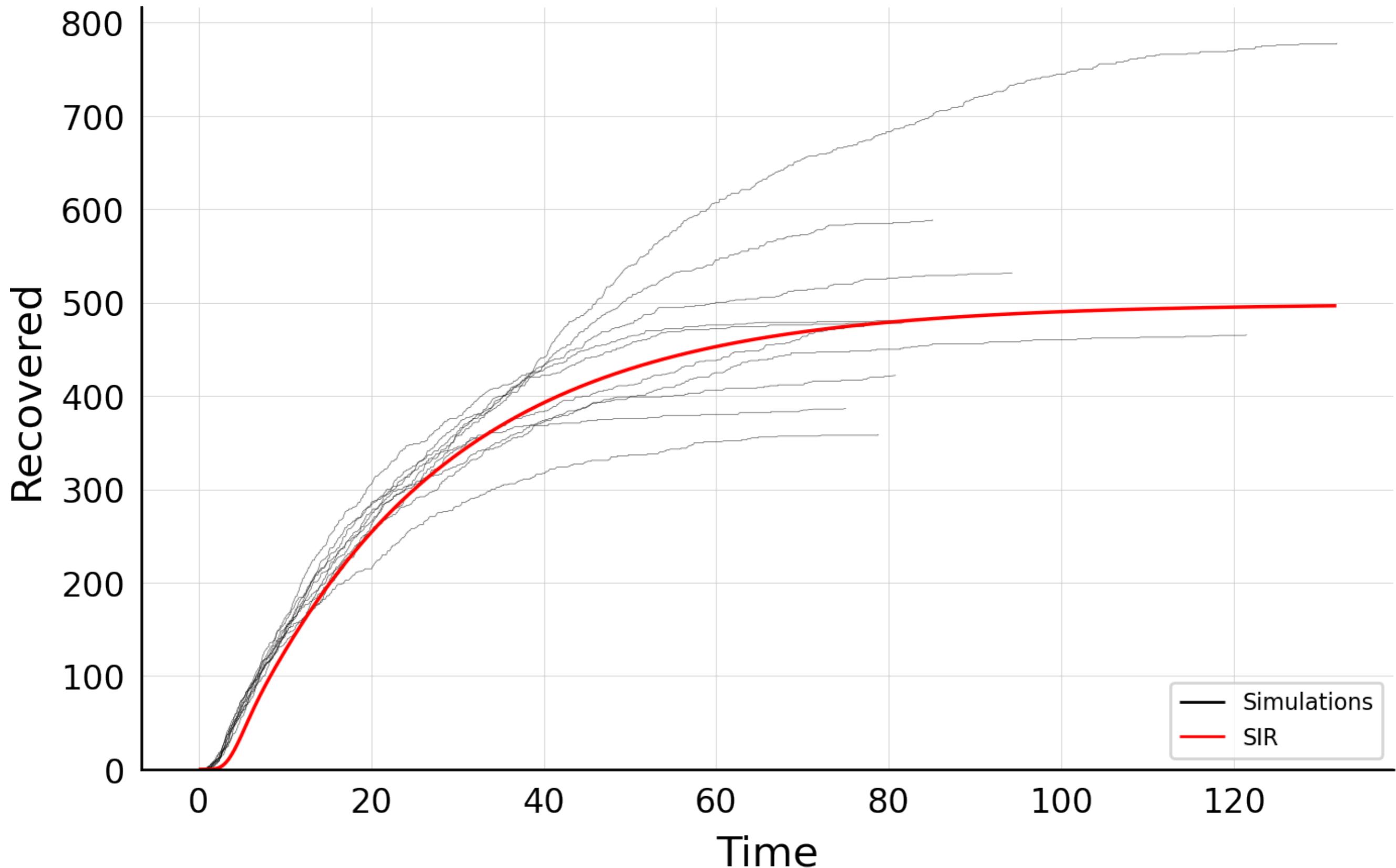
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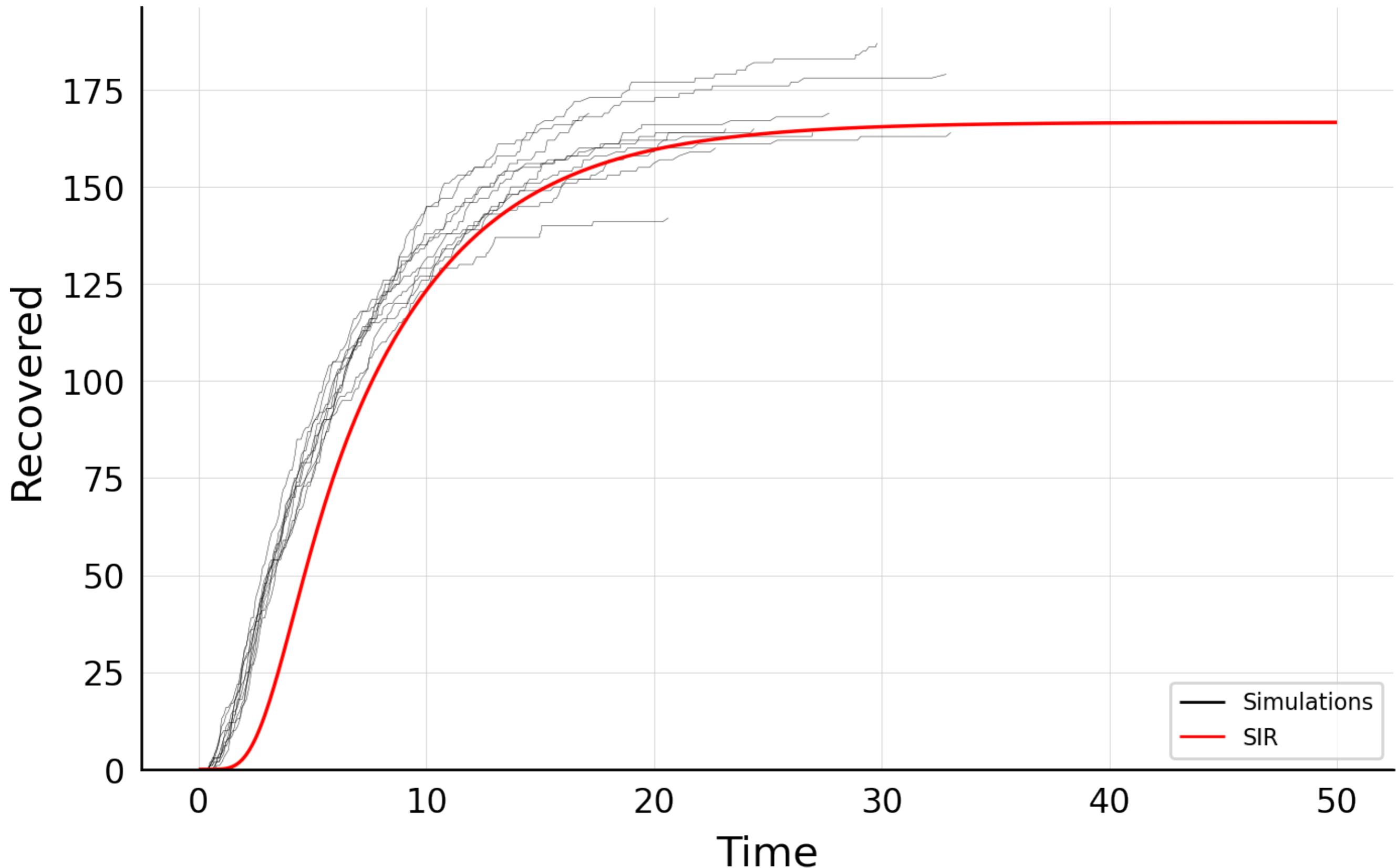
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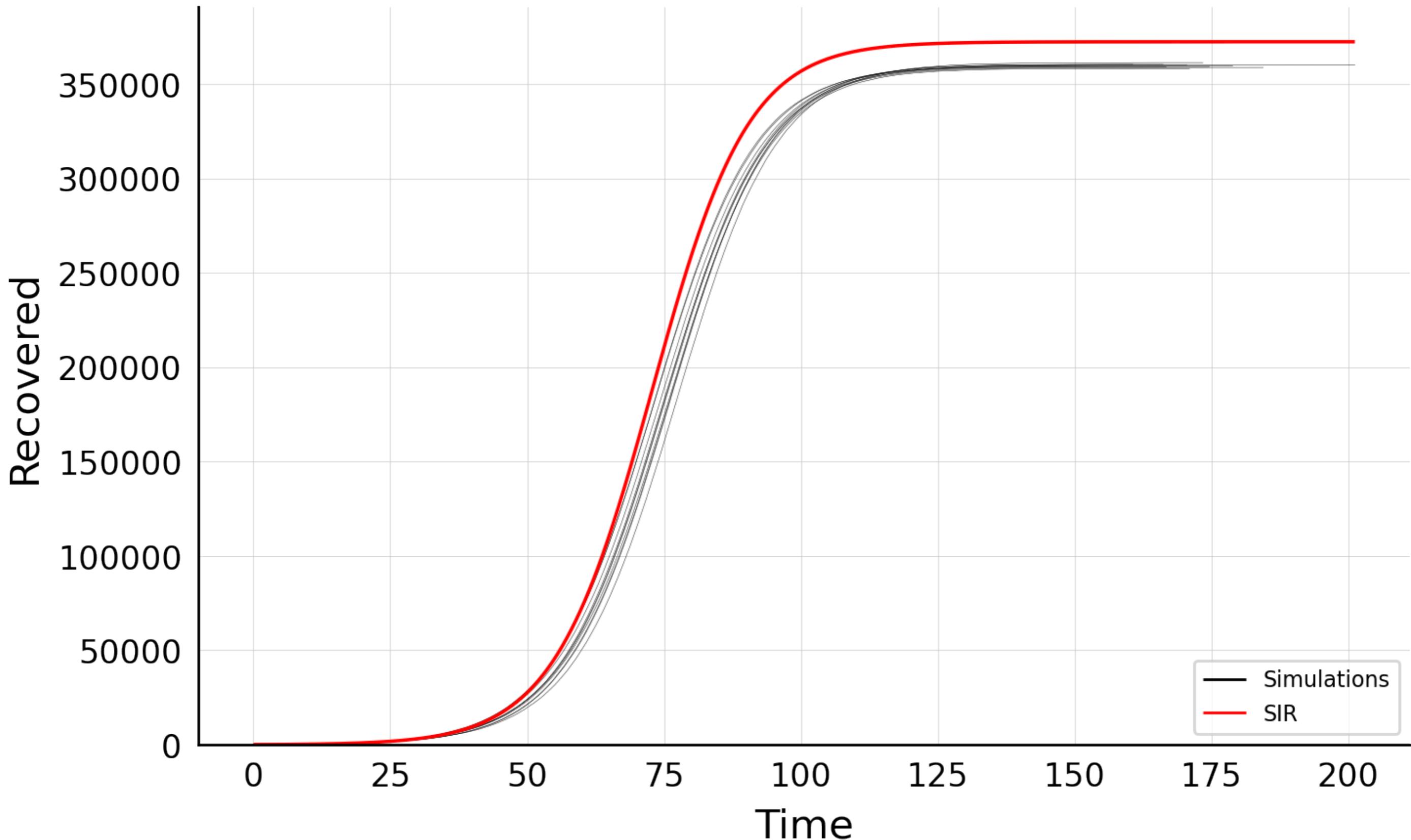
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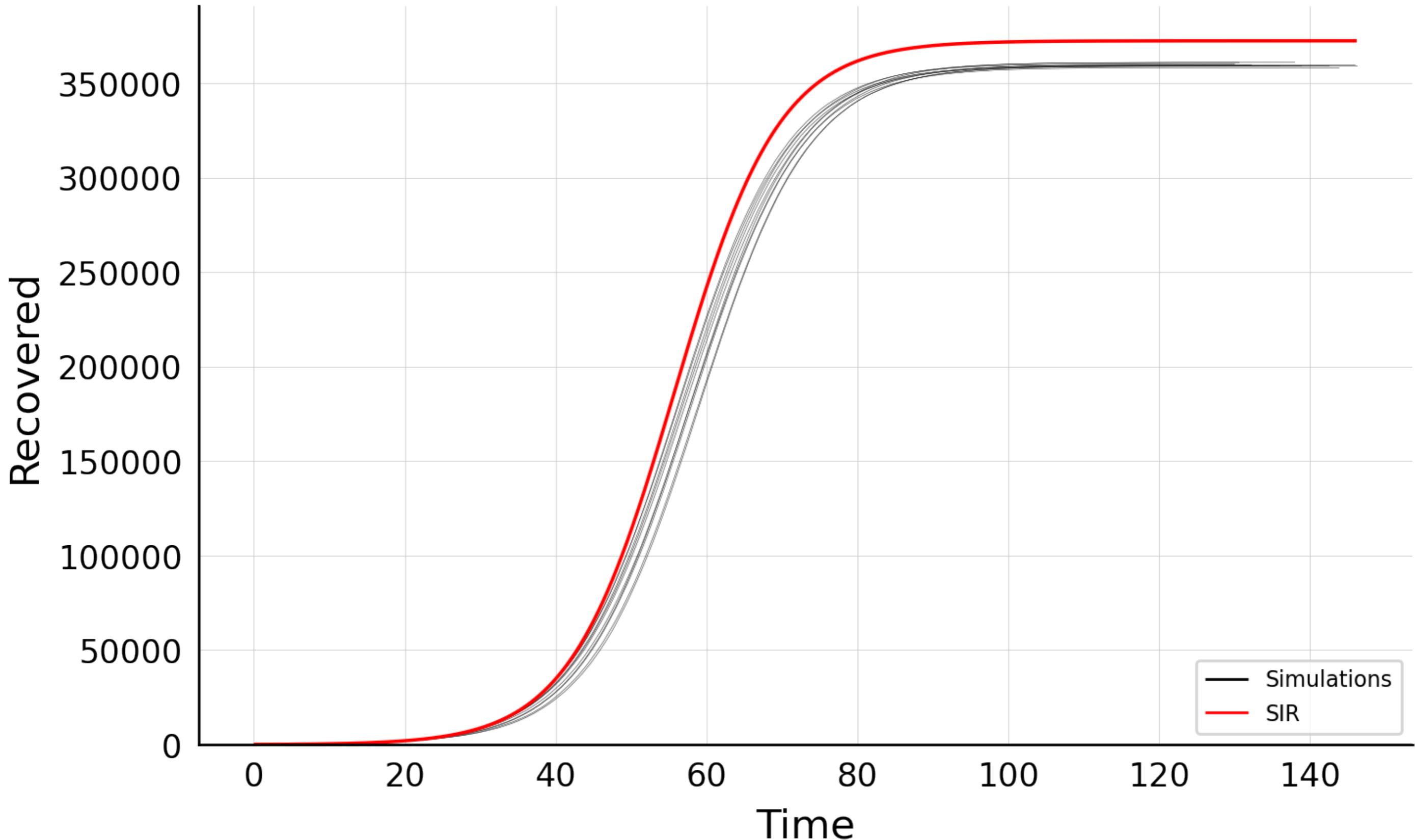
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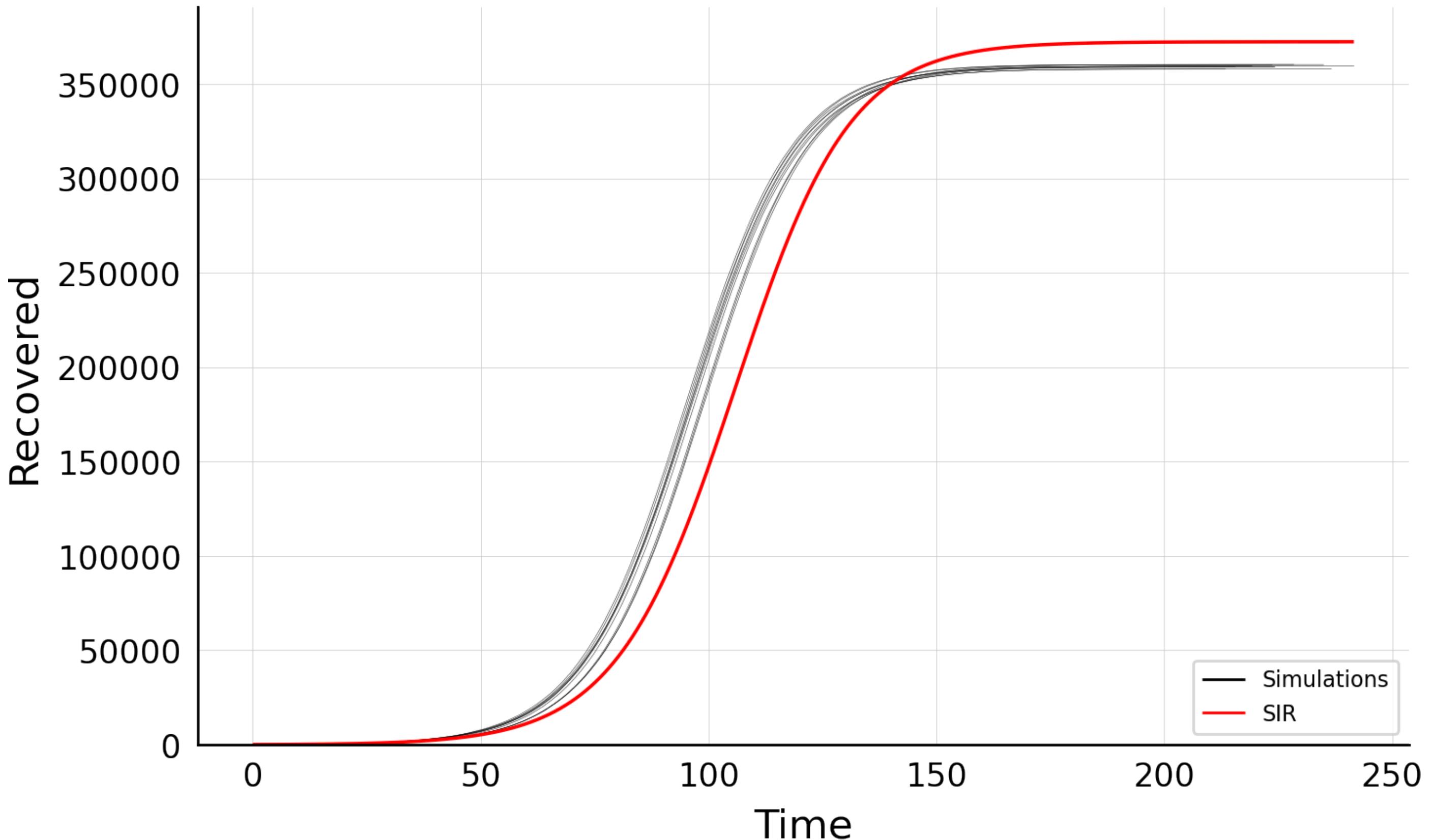
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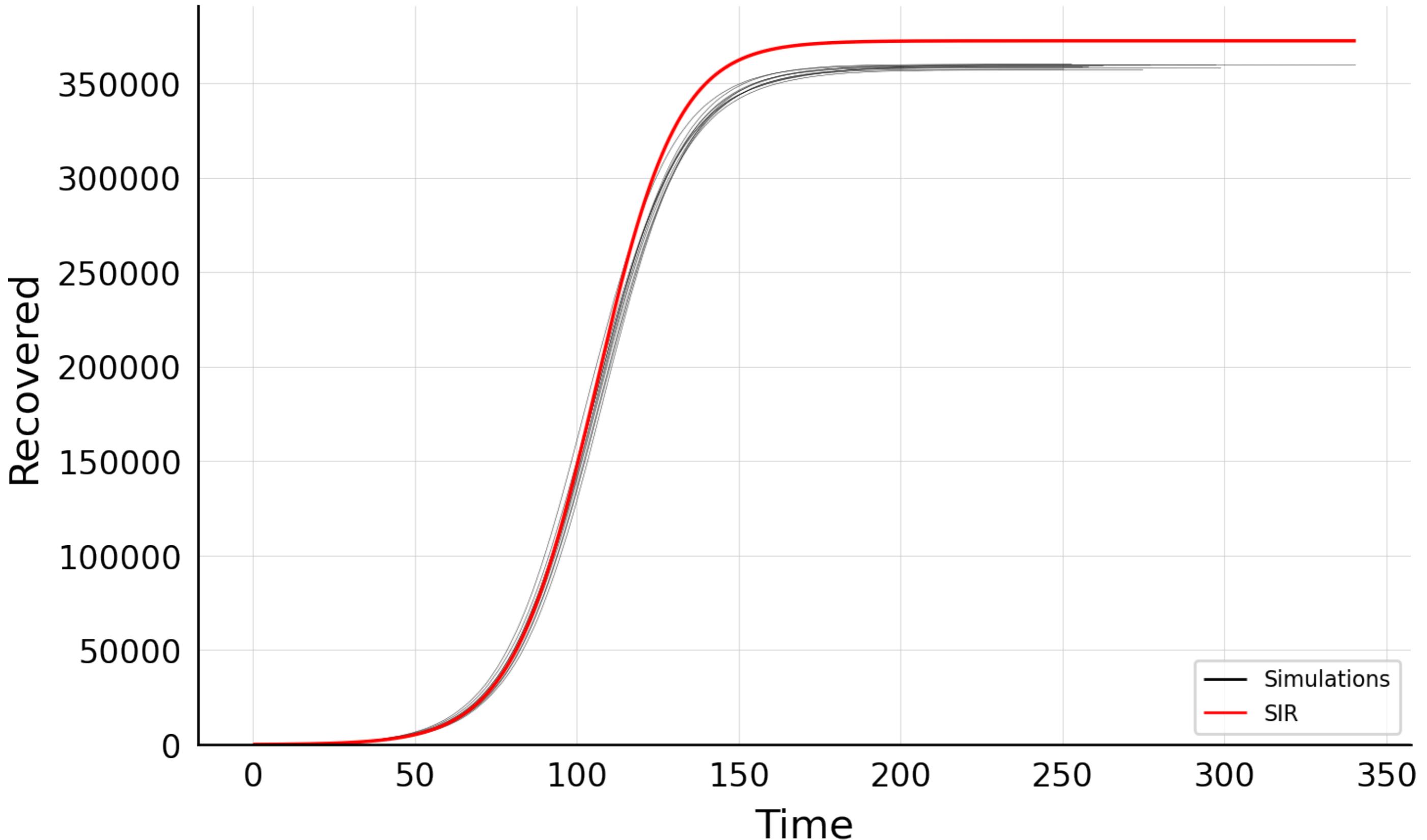
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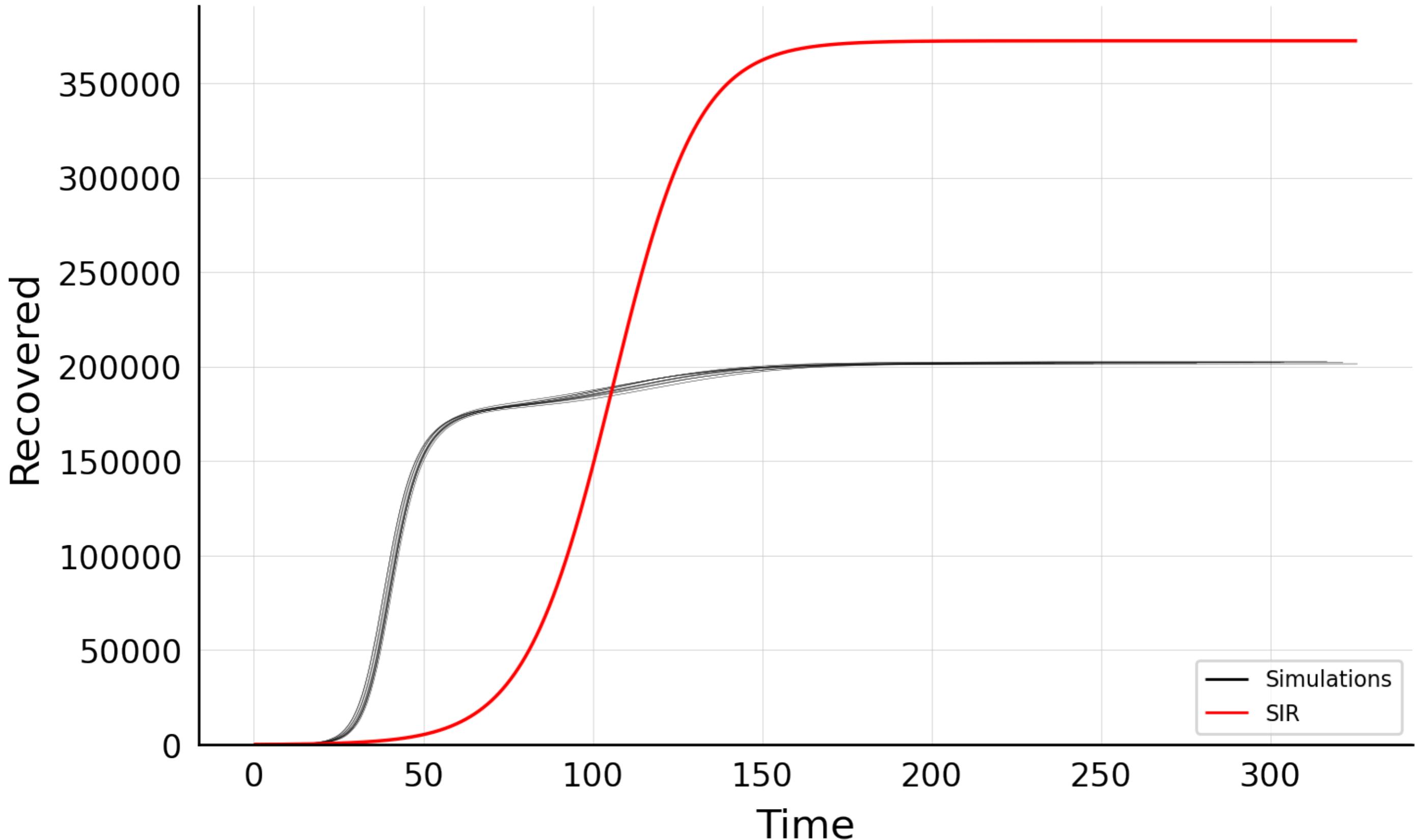
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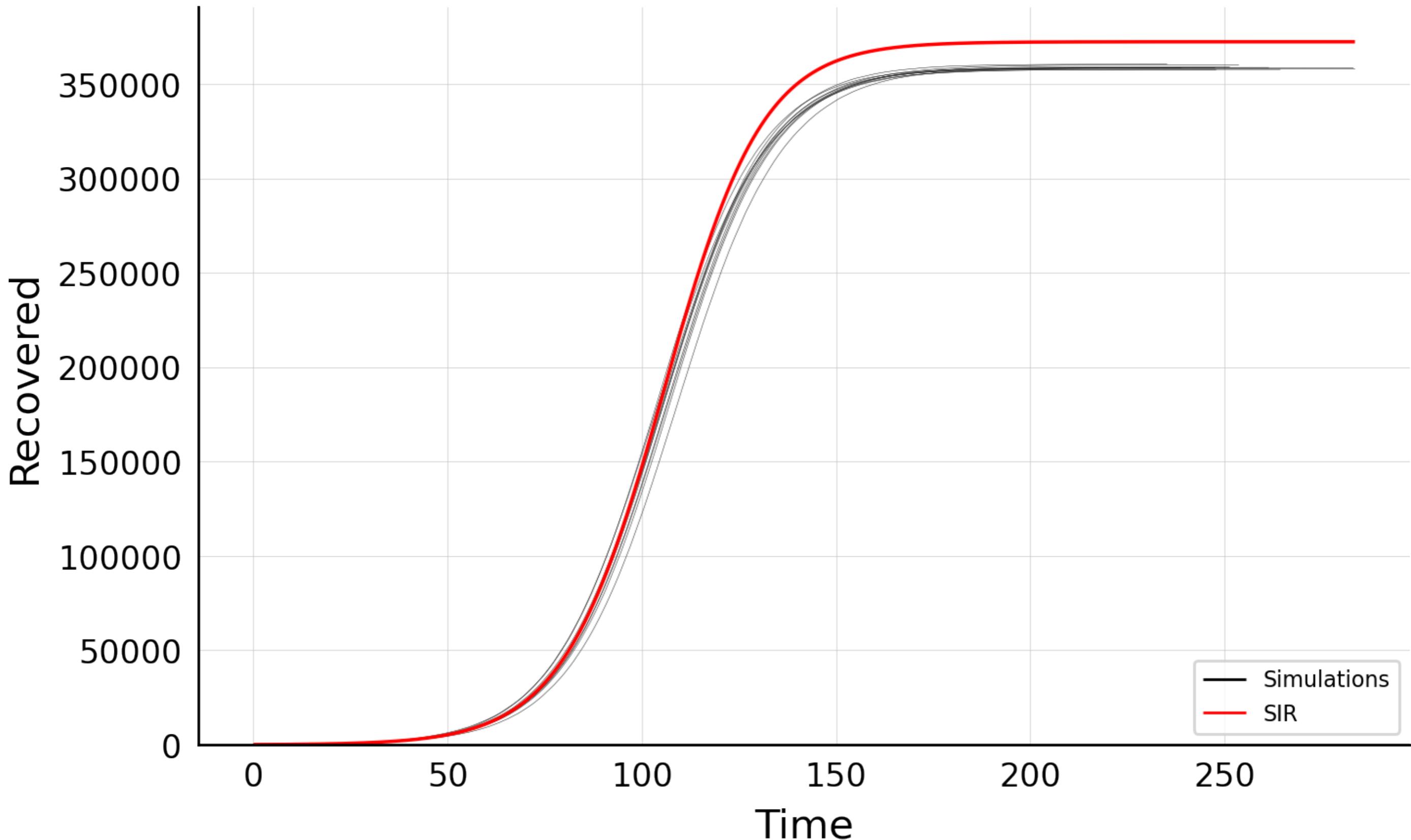
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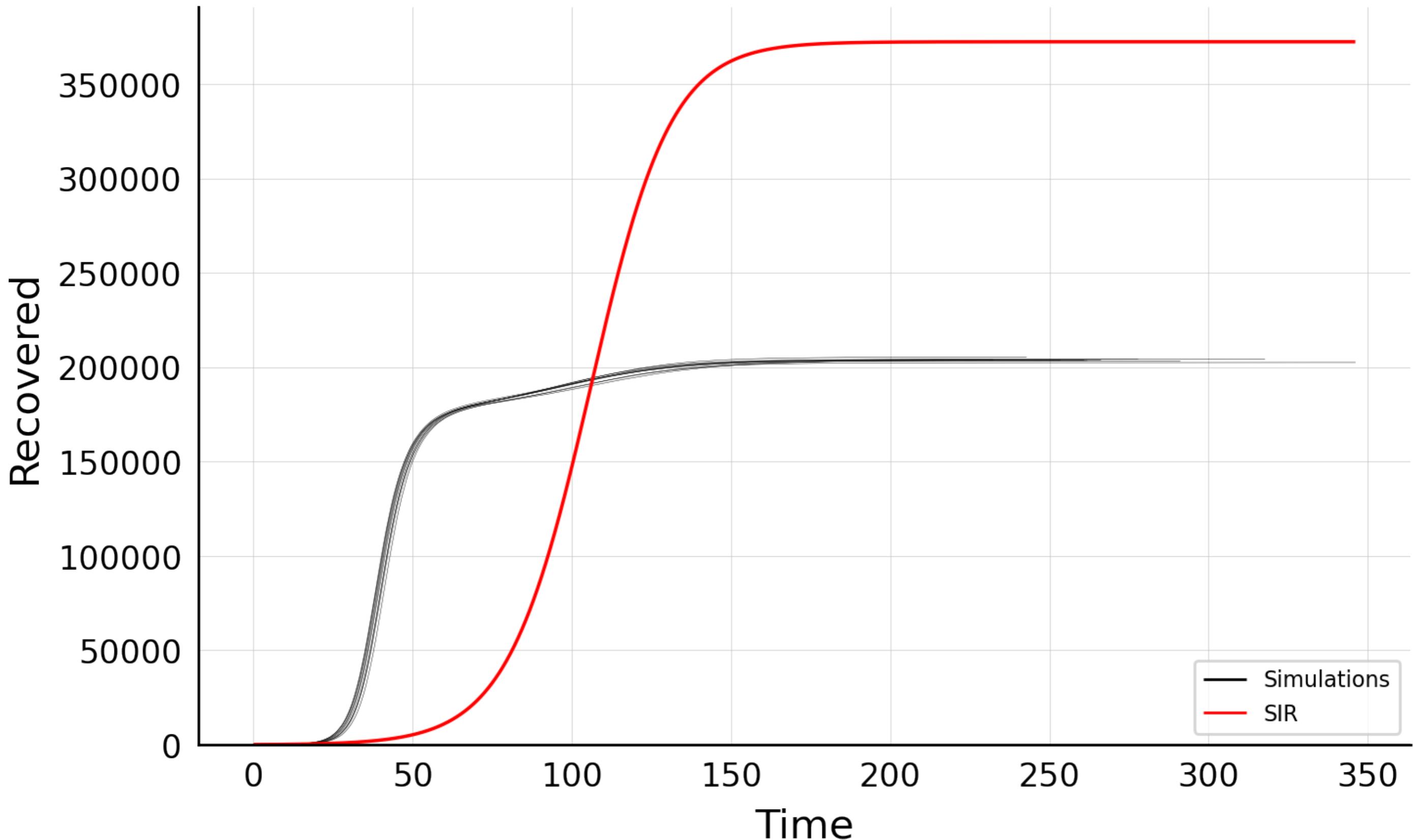
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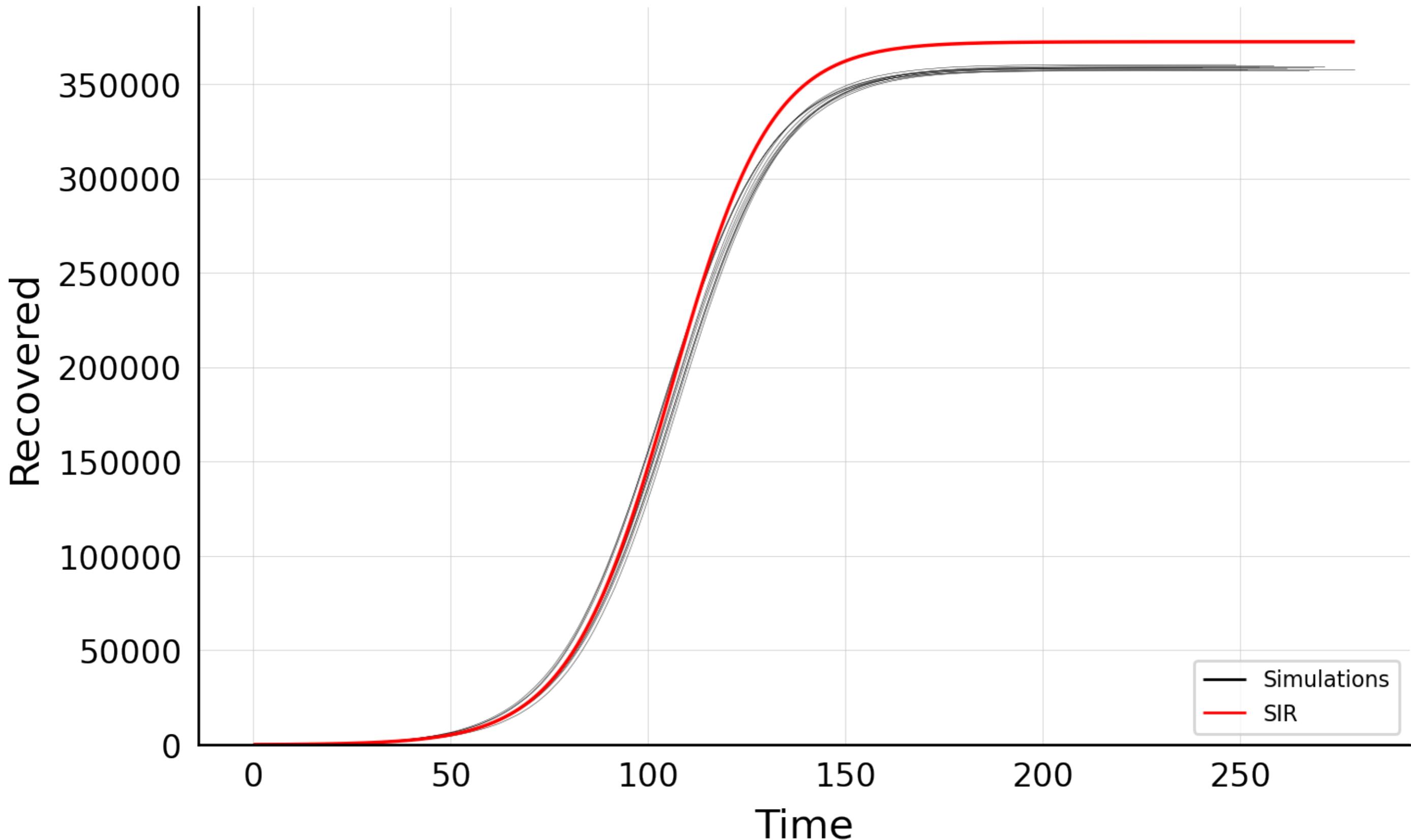
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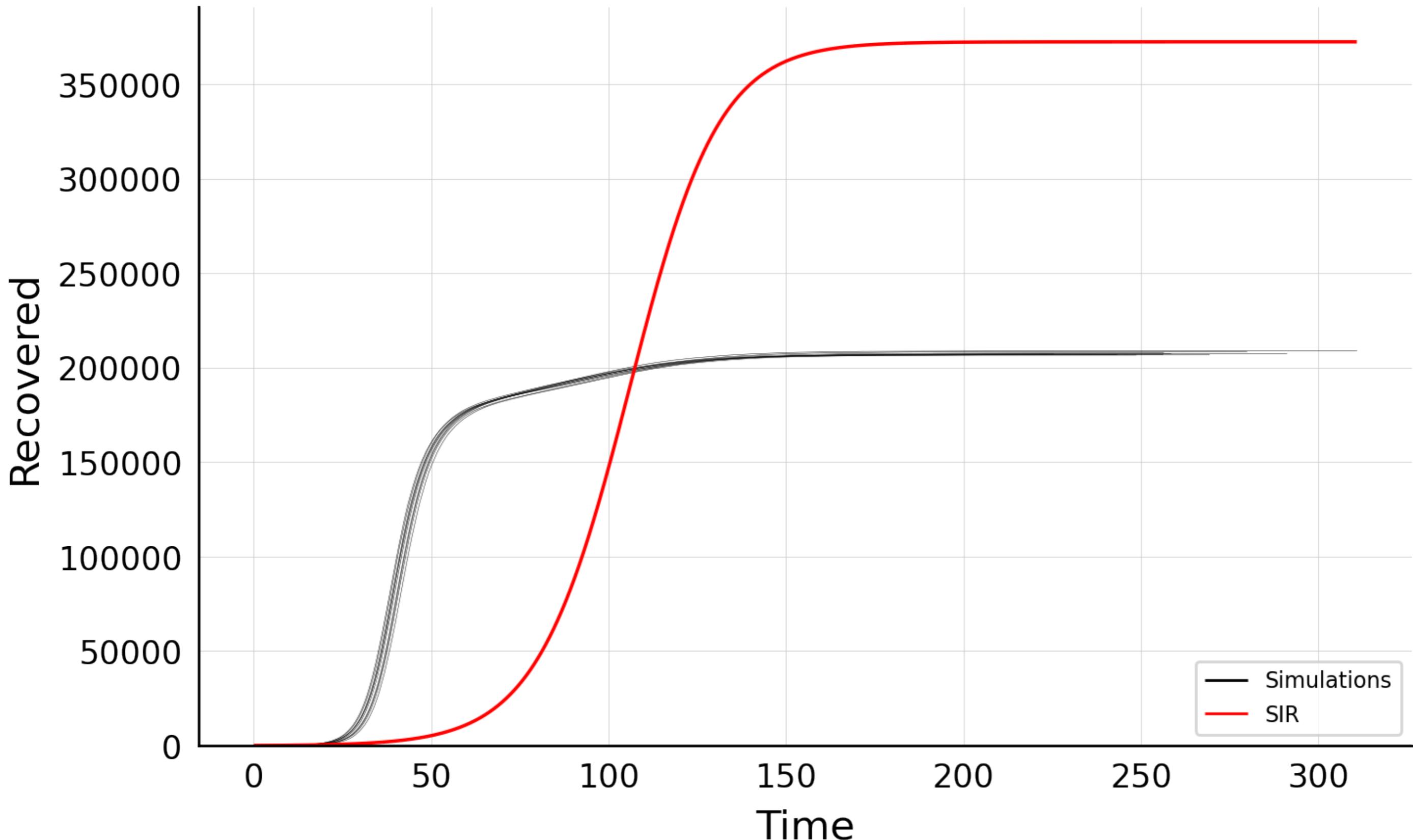
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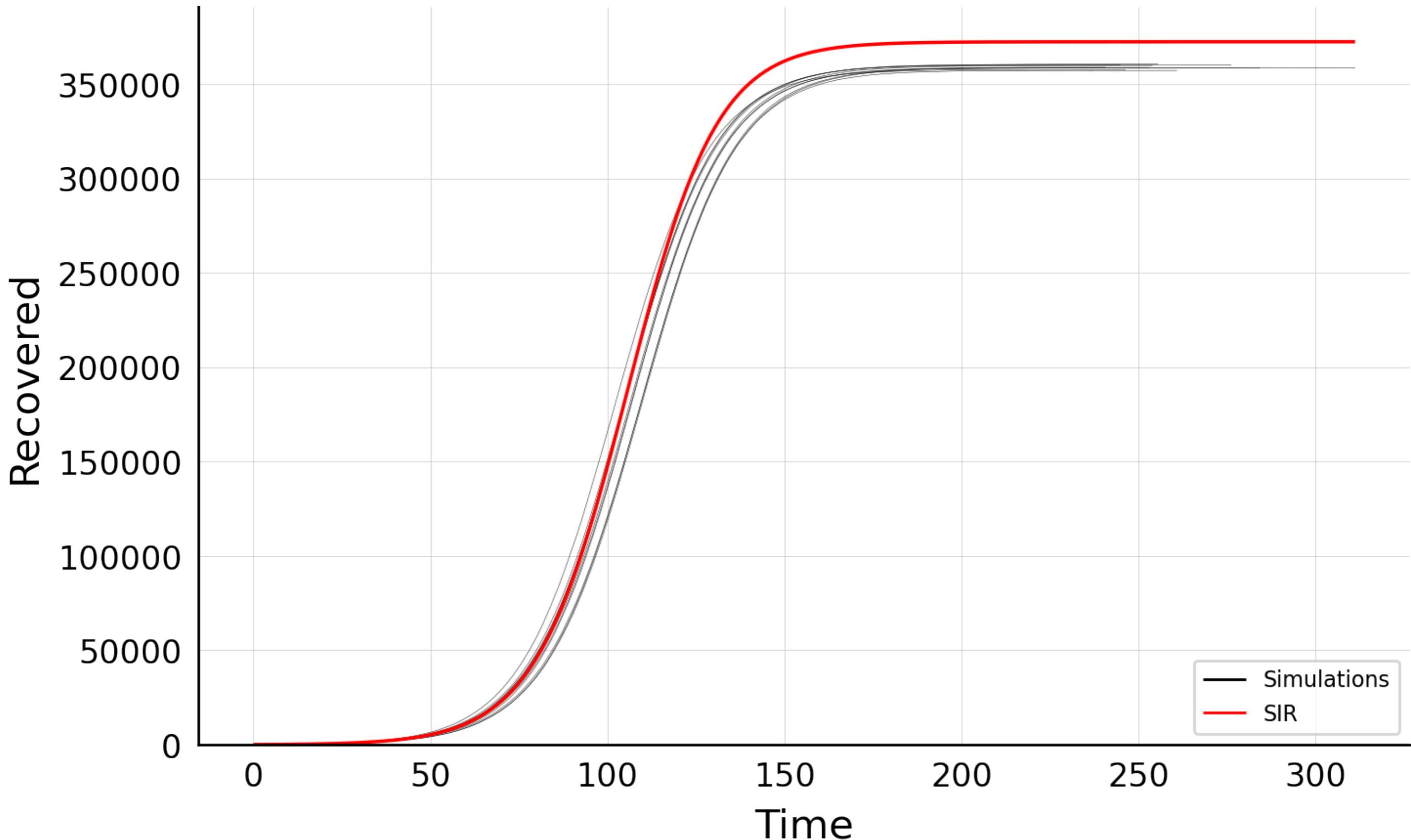
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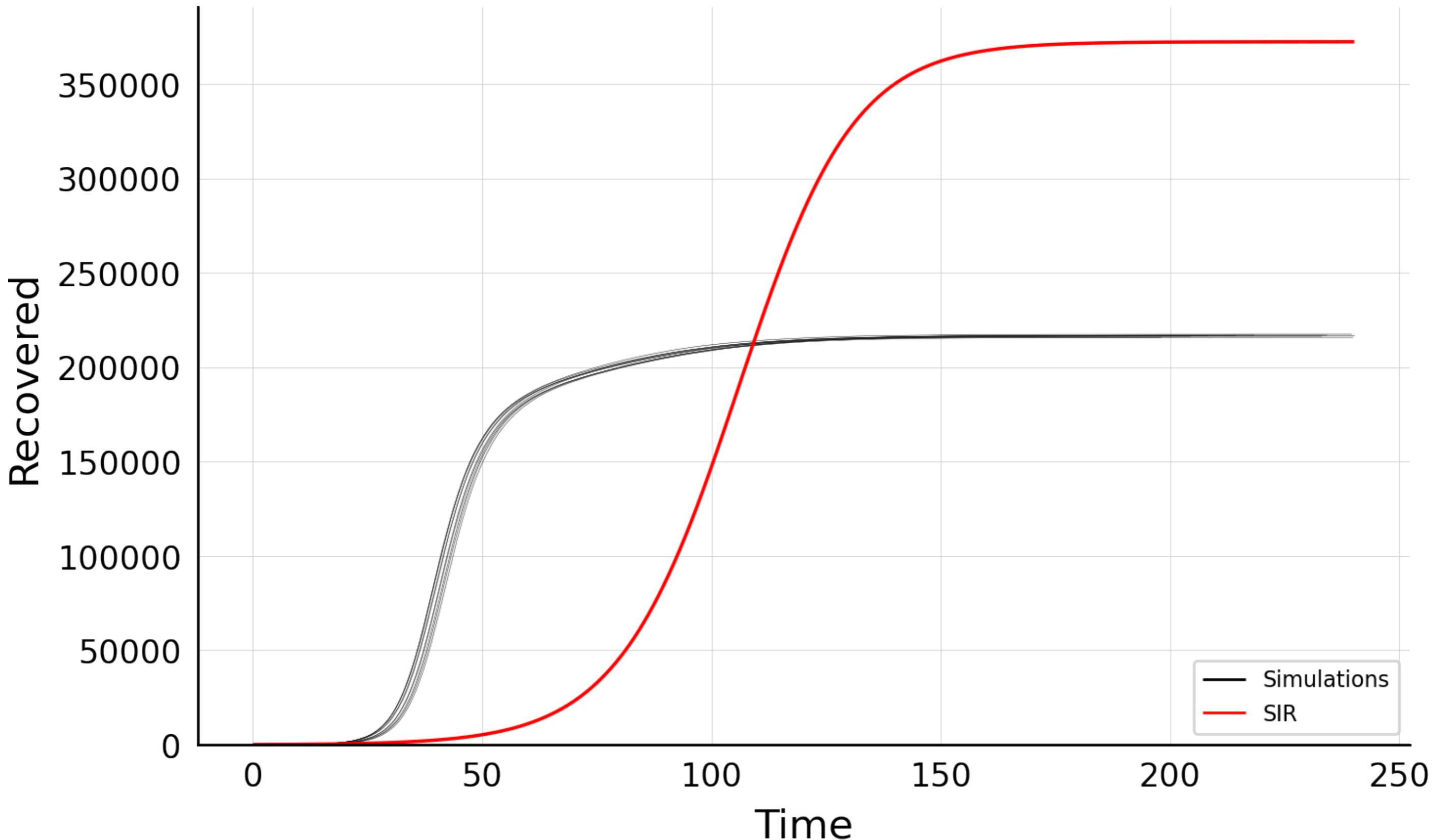
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.02$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



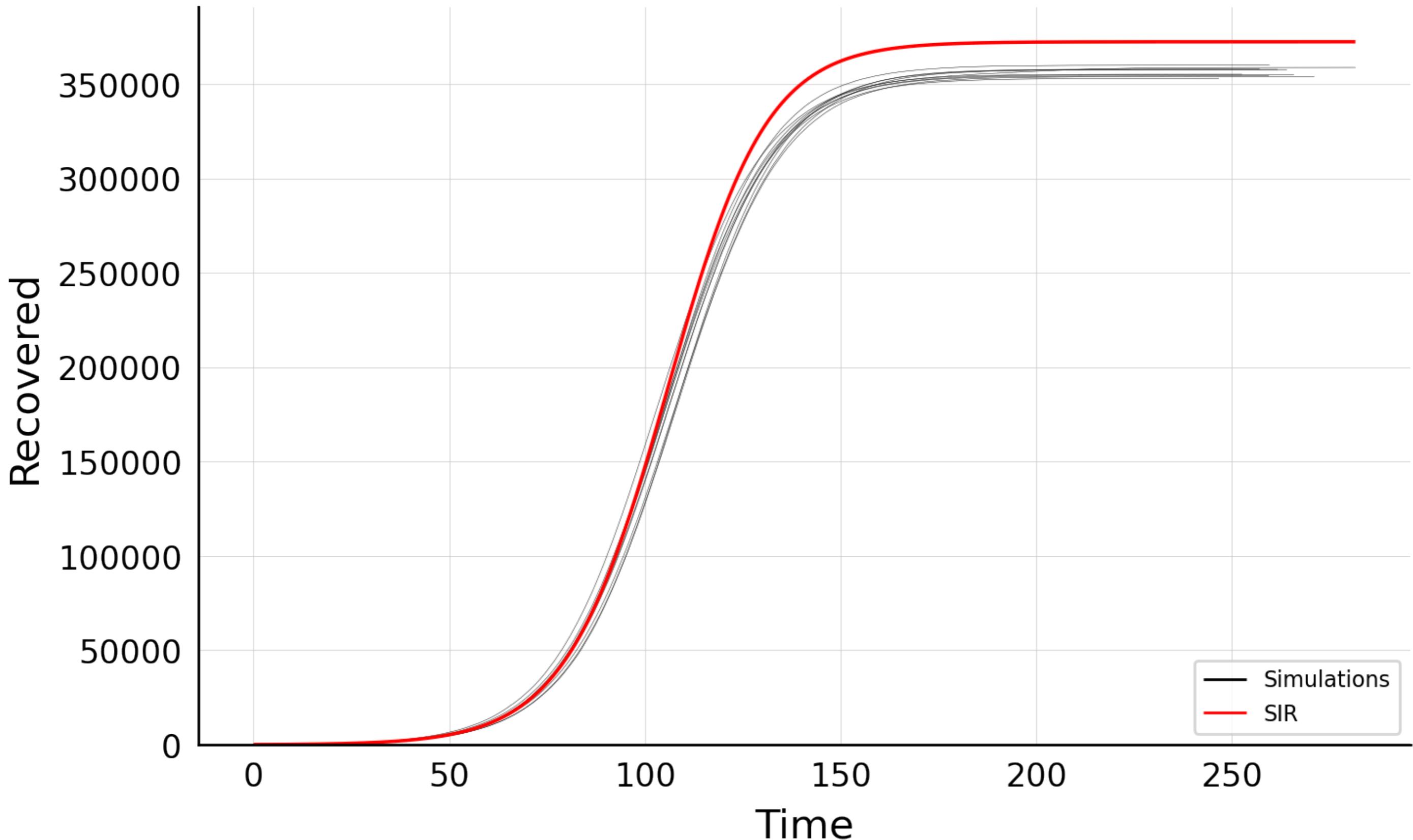
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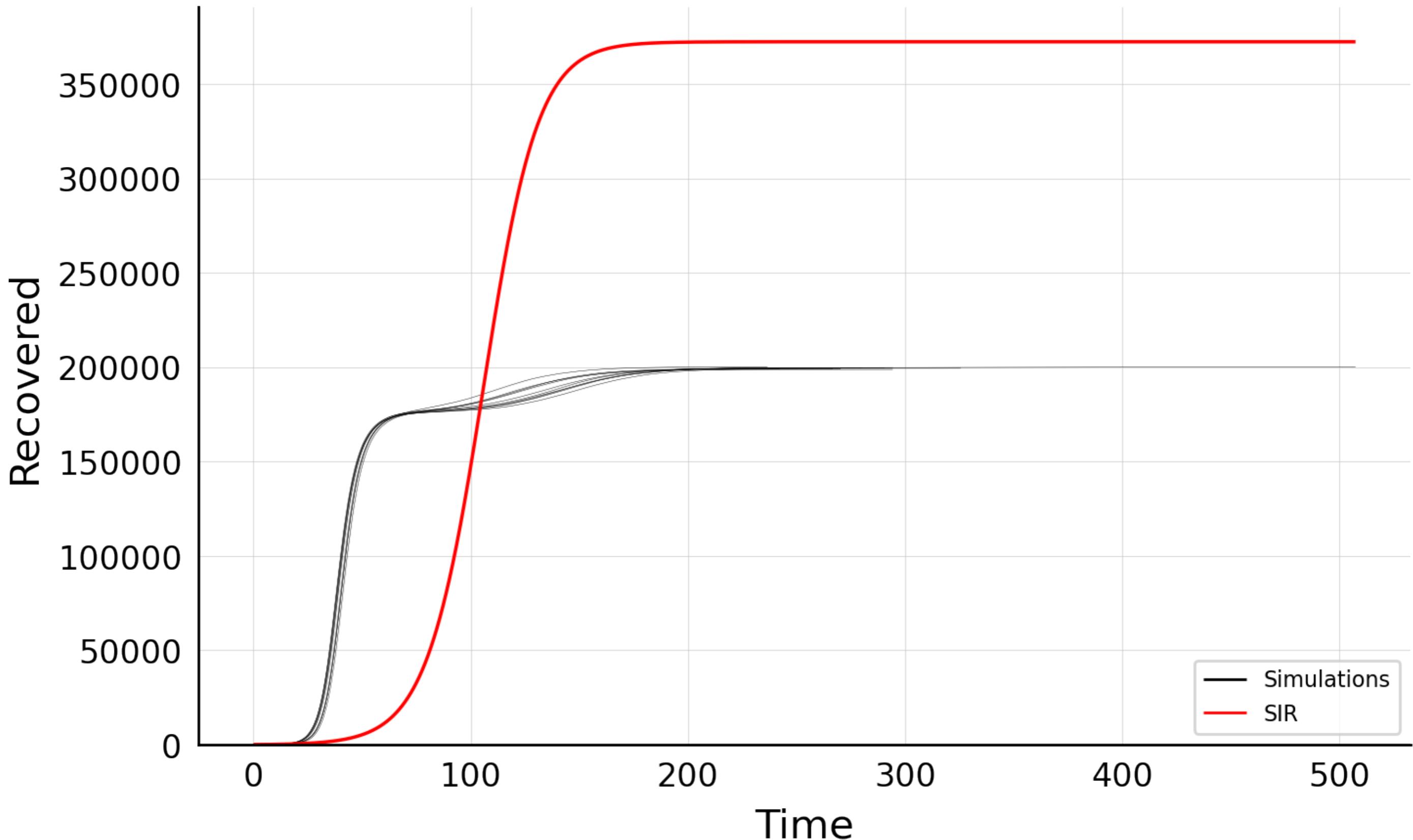
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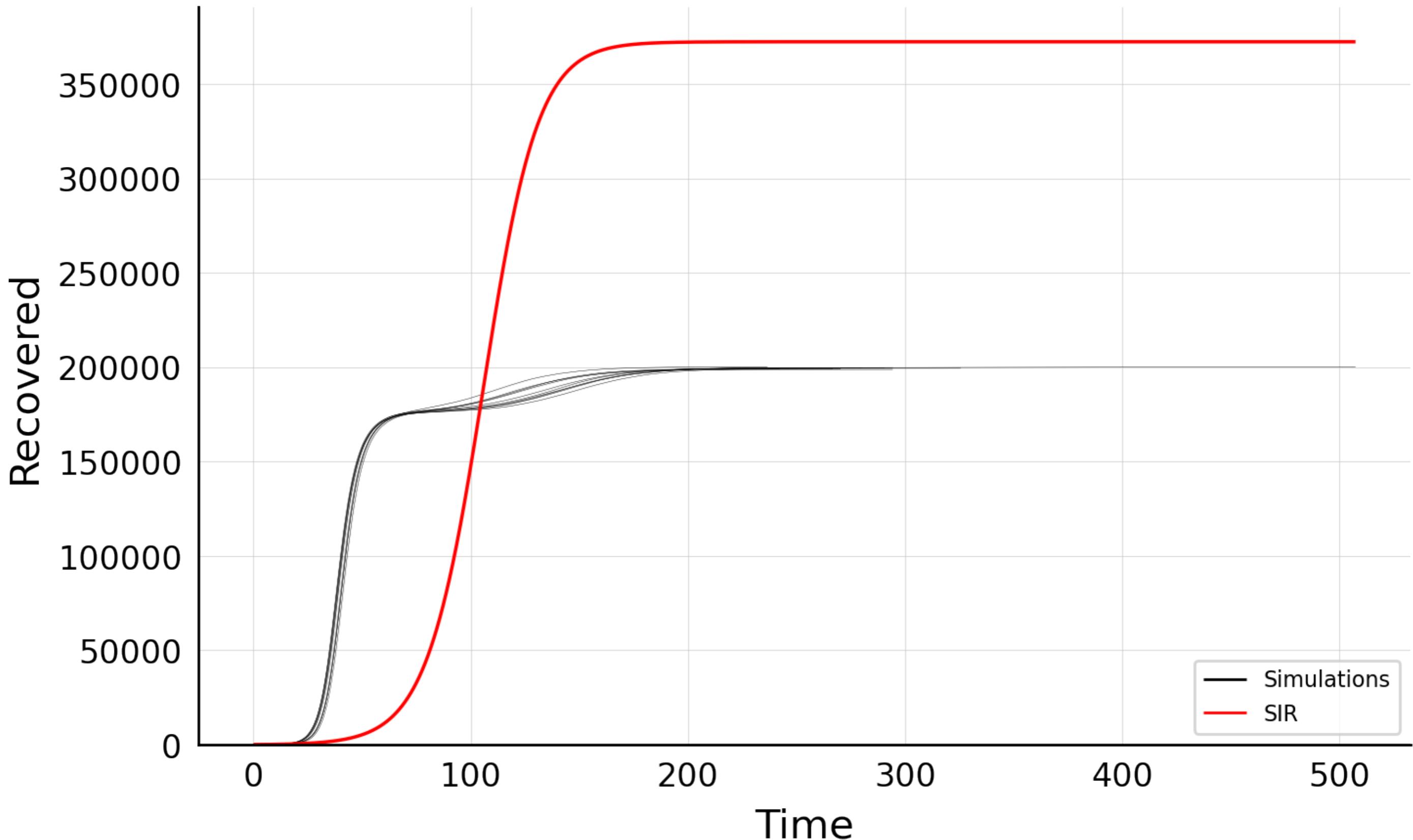
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



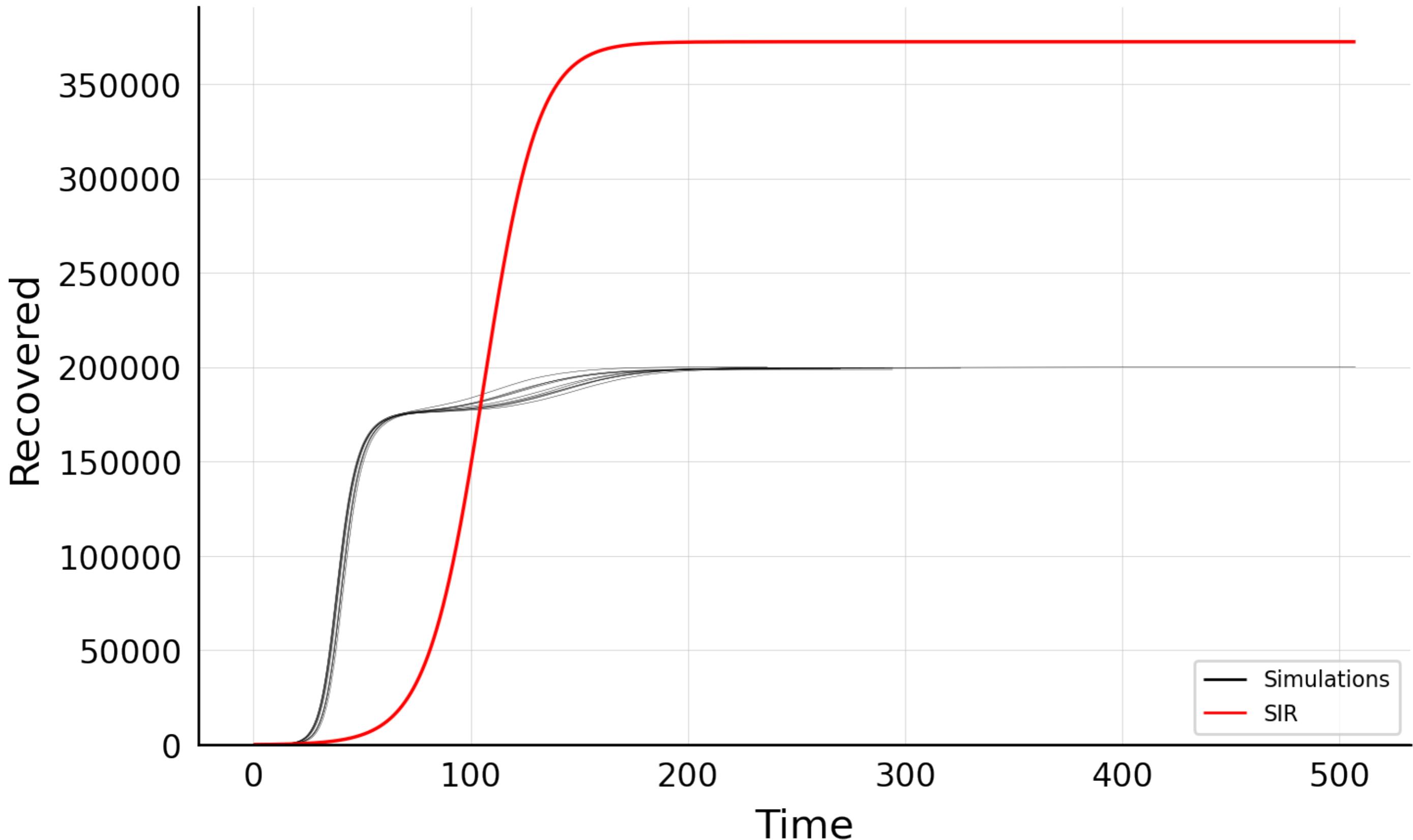
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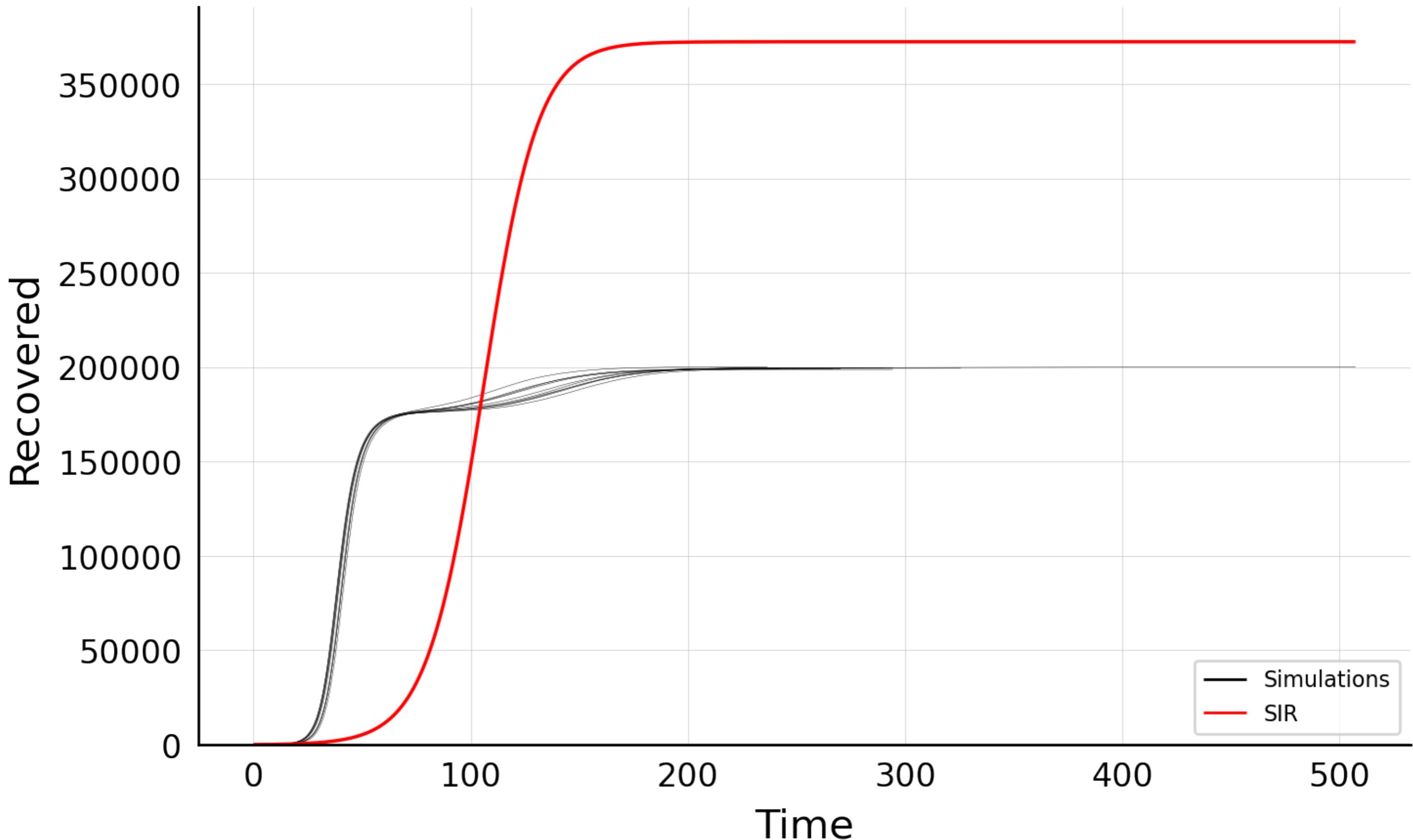
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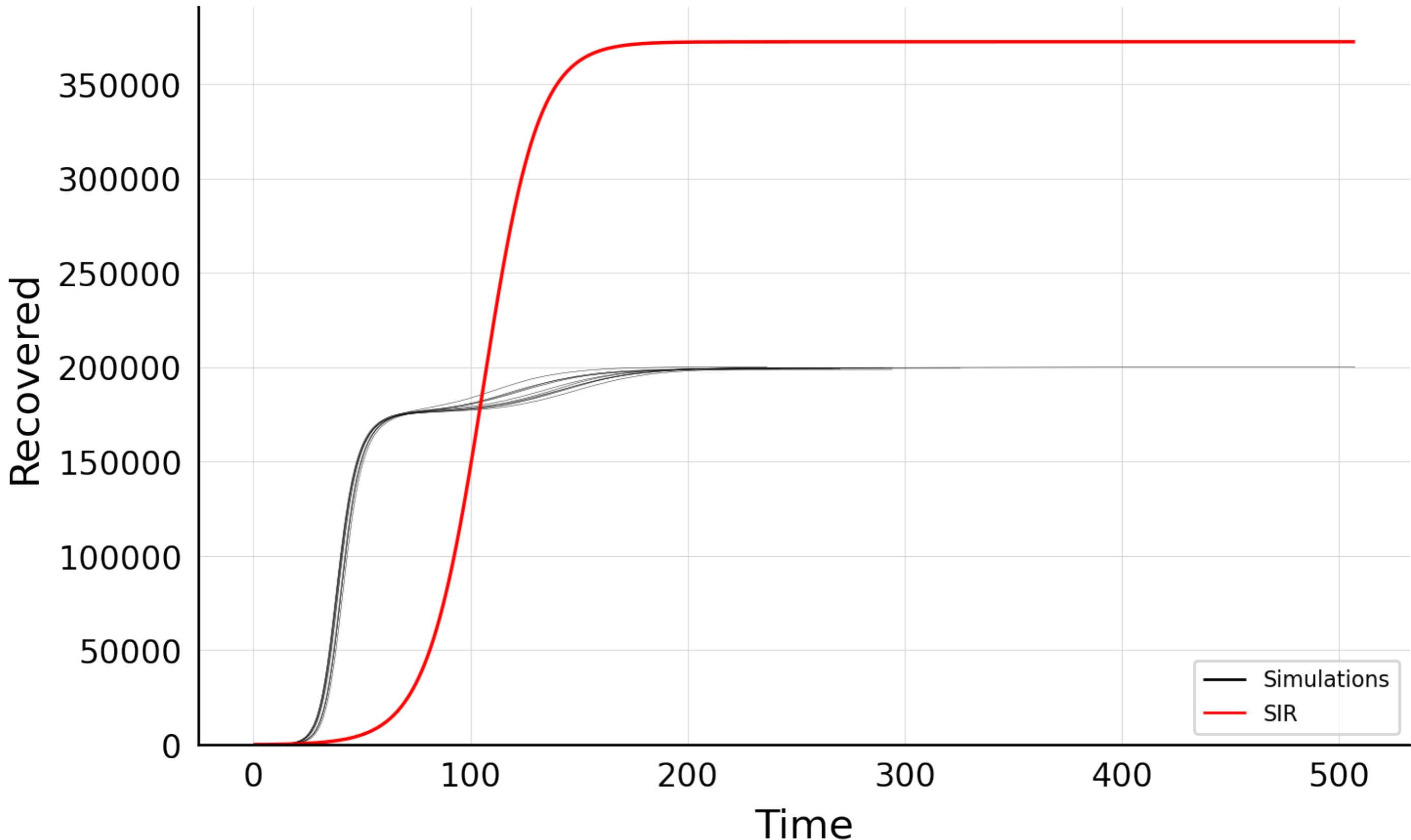
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.0$, $\beta_{\text{scaling}} = 25.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



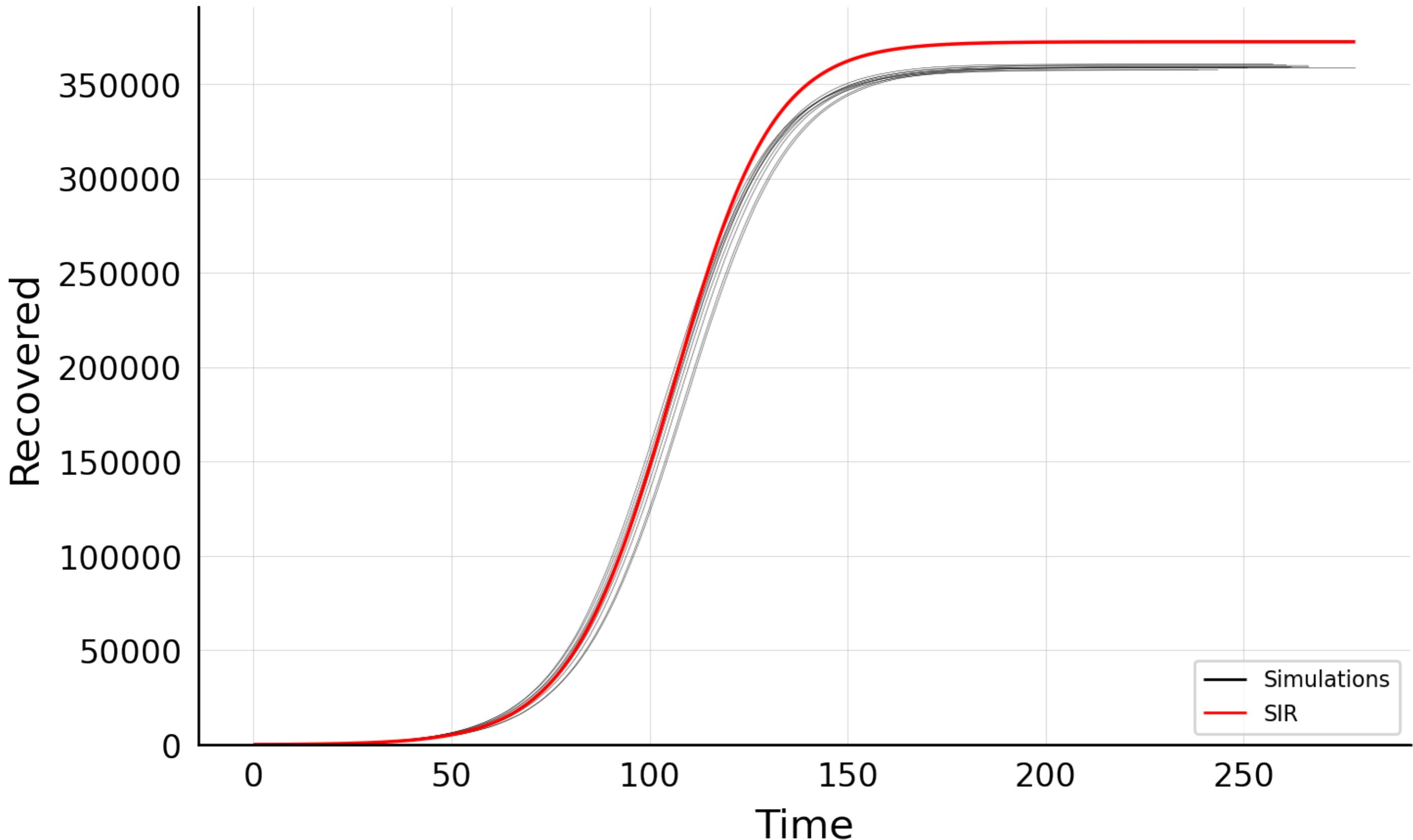
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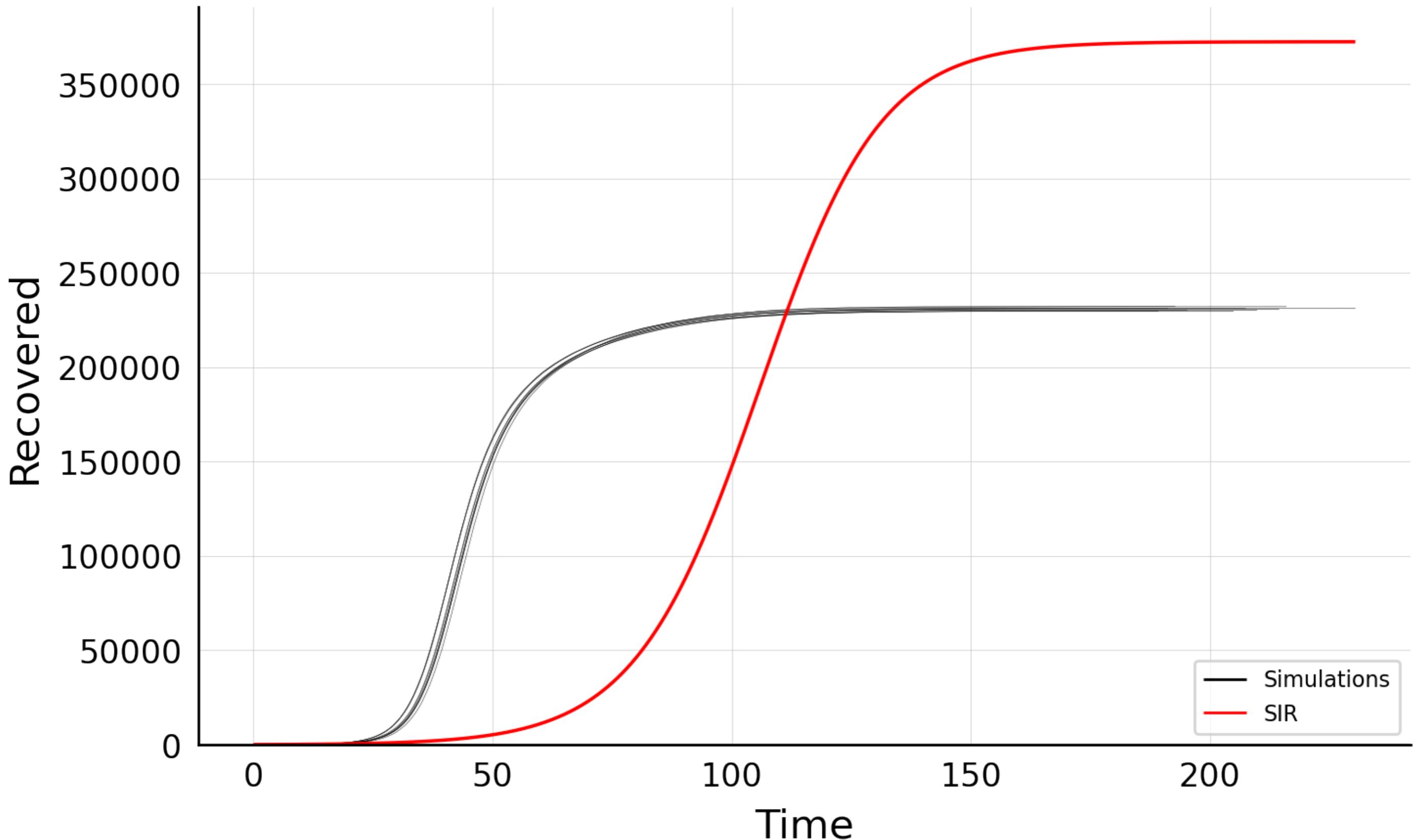
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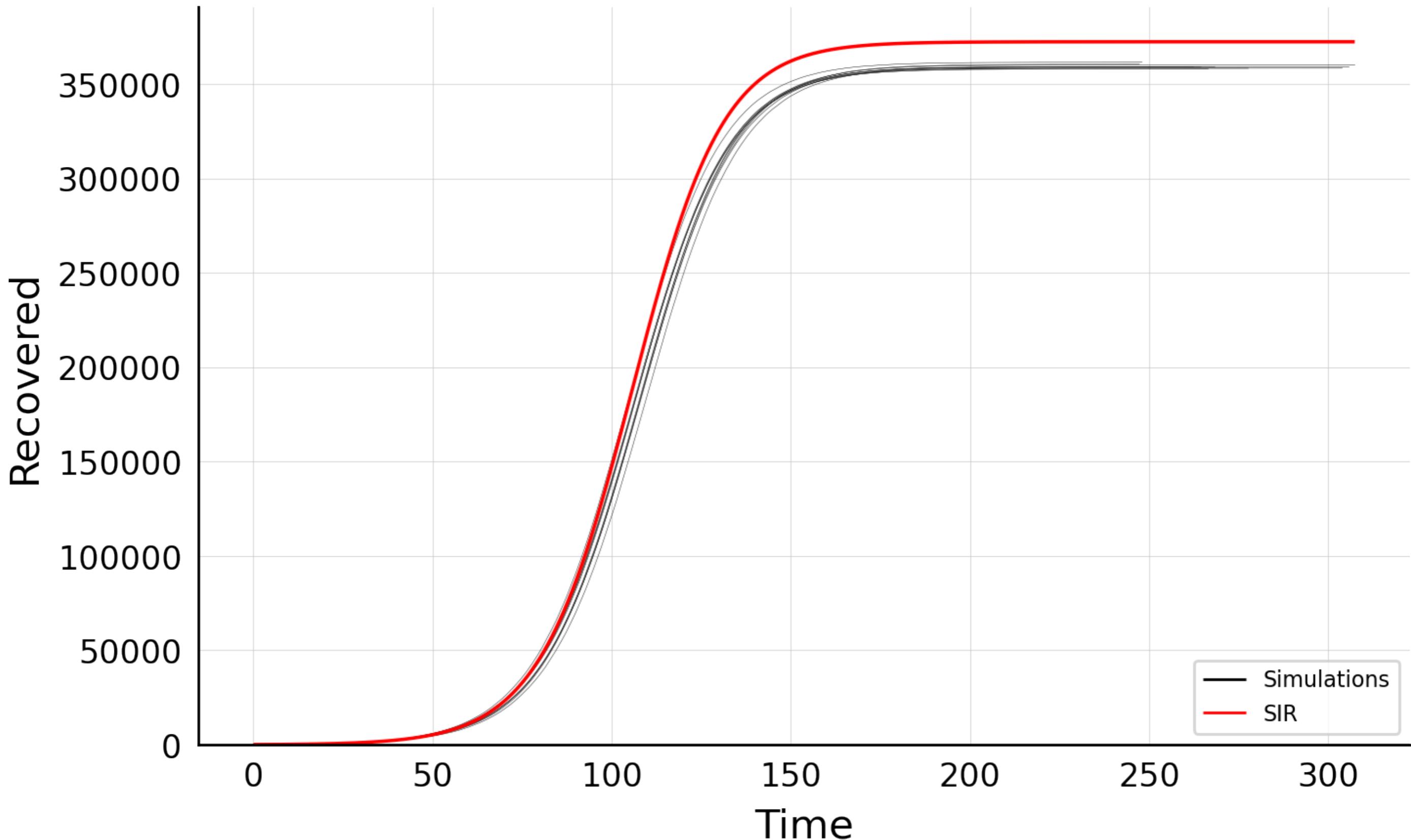
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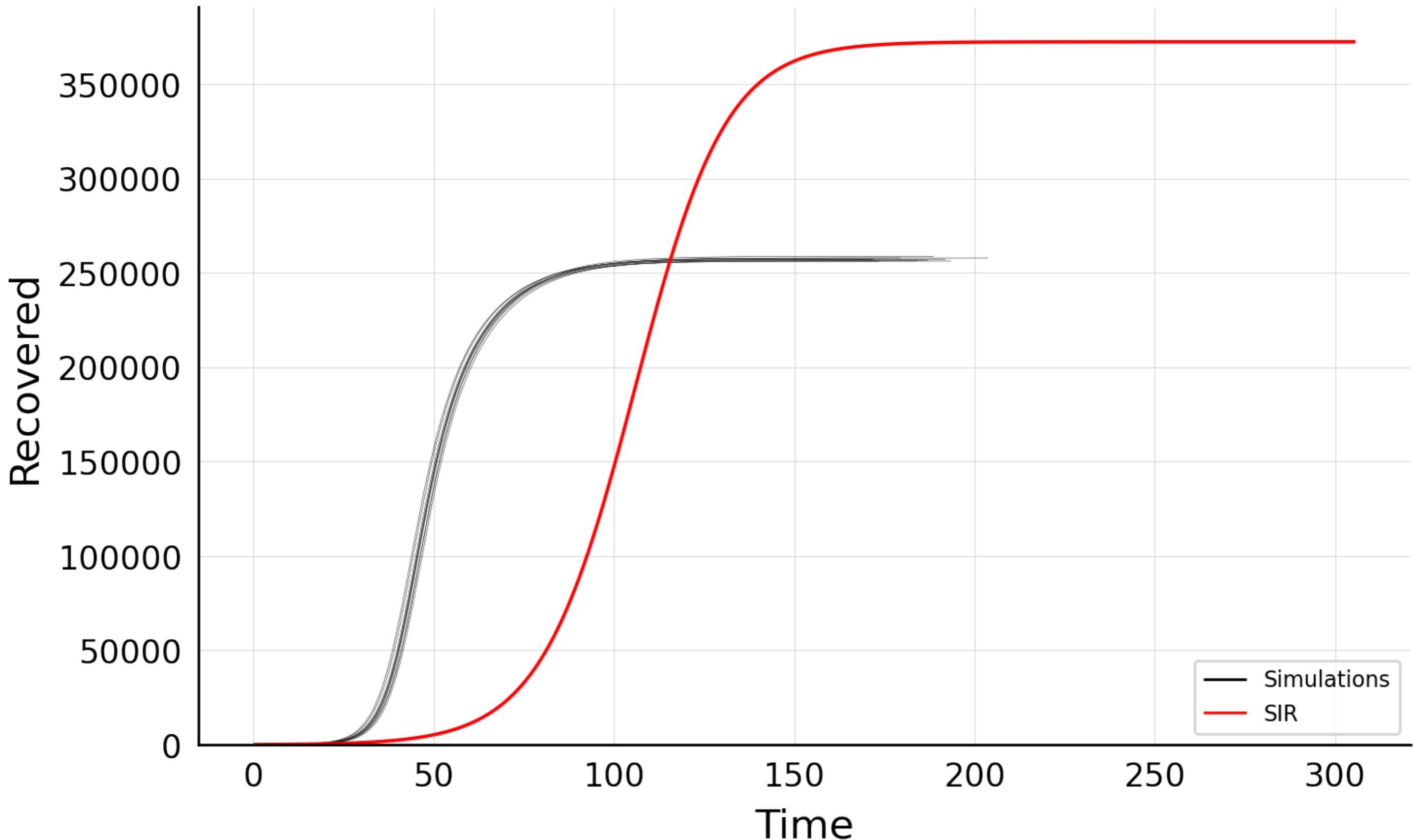
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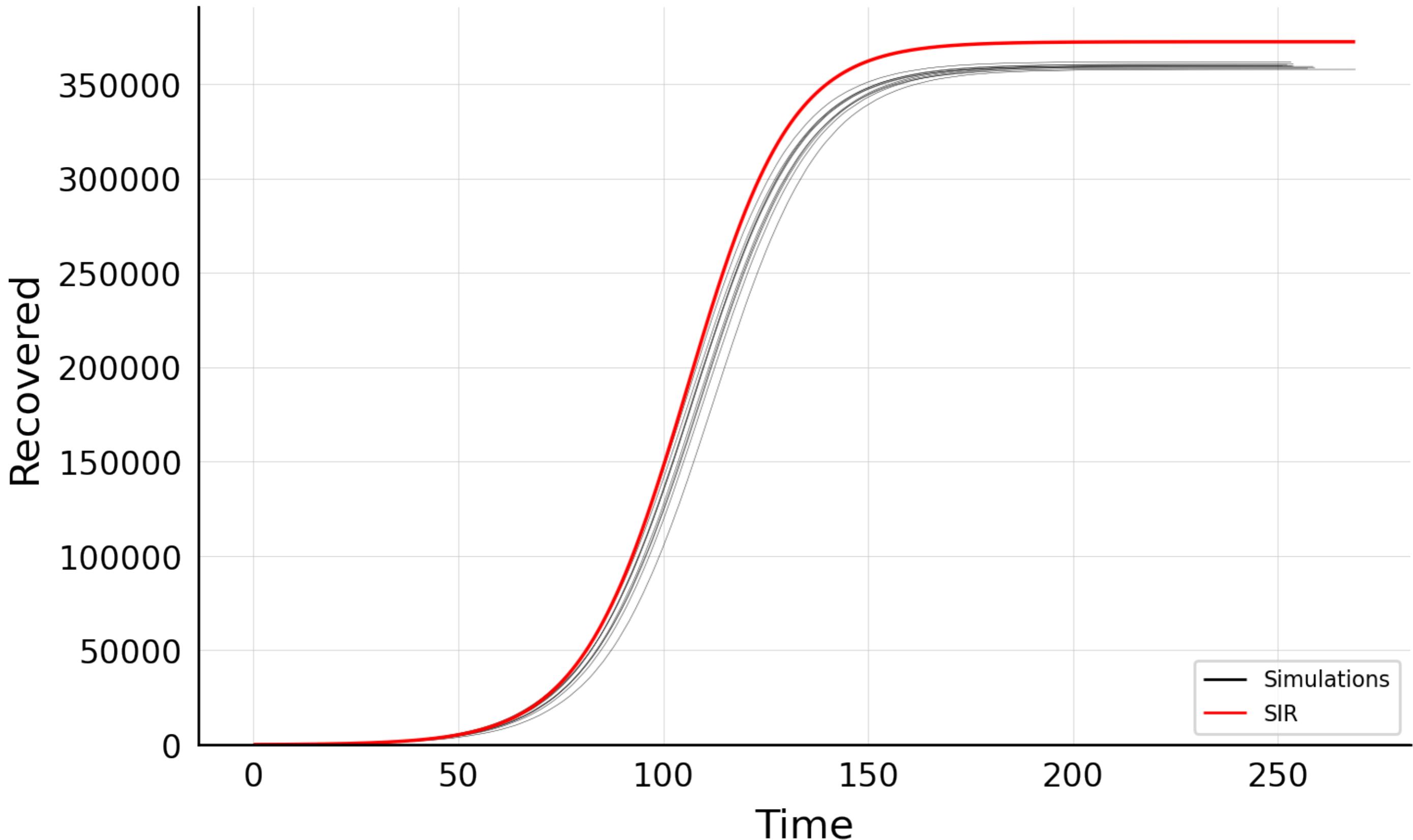
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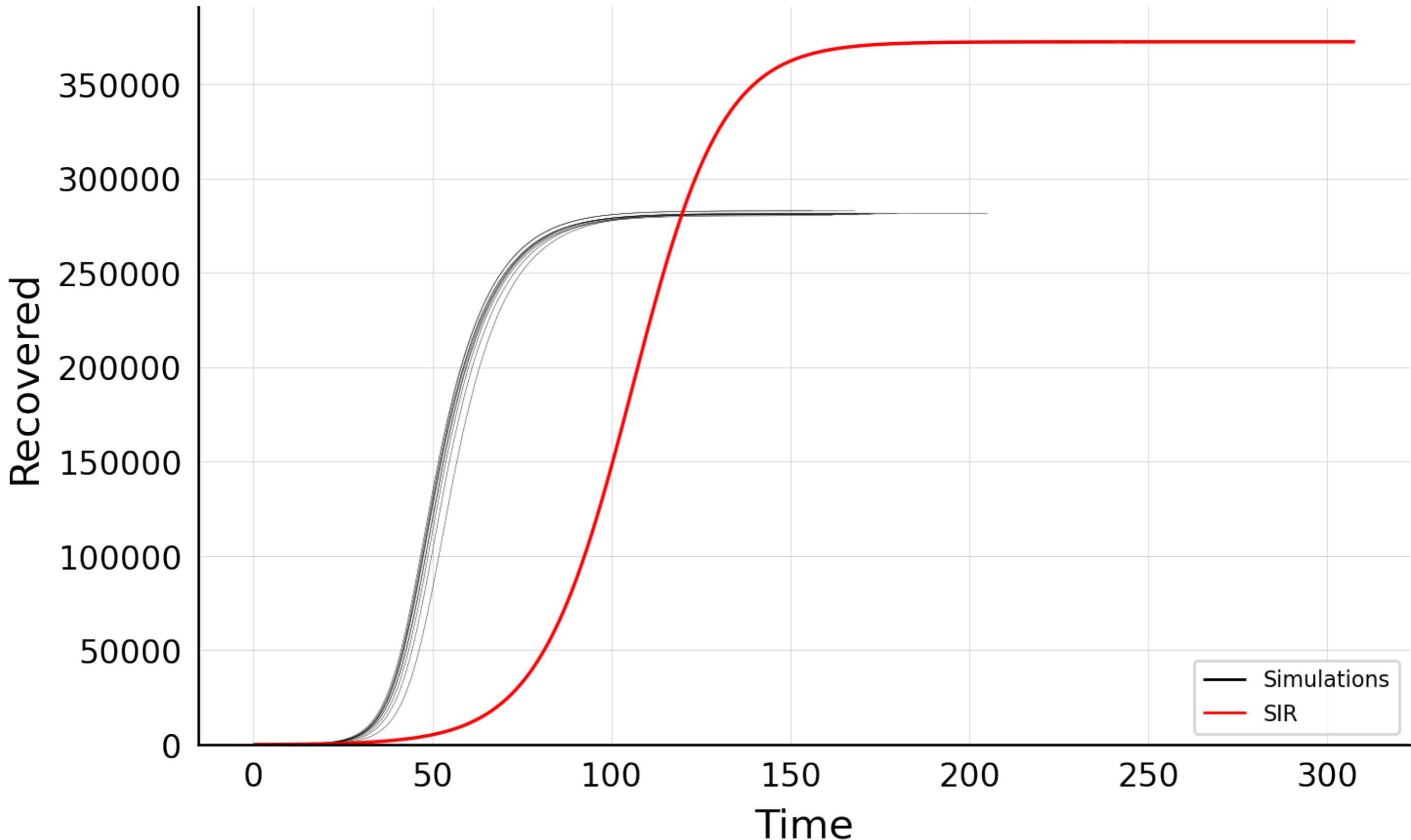
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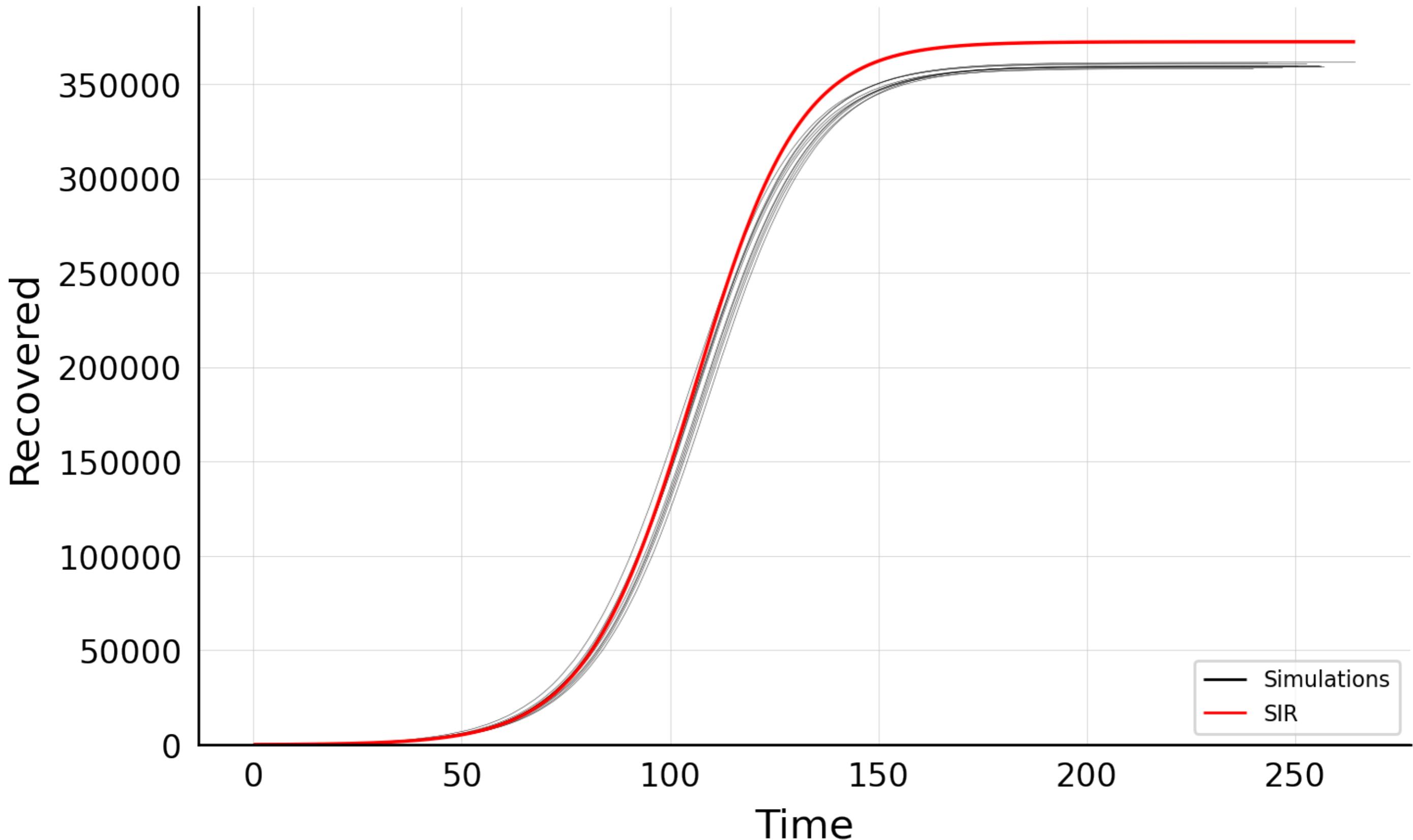
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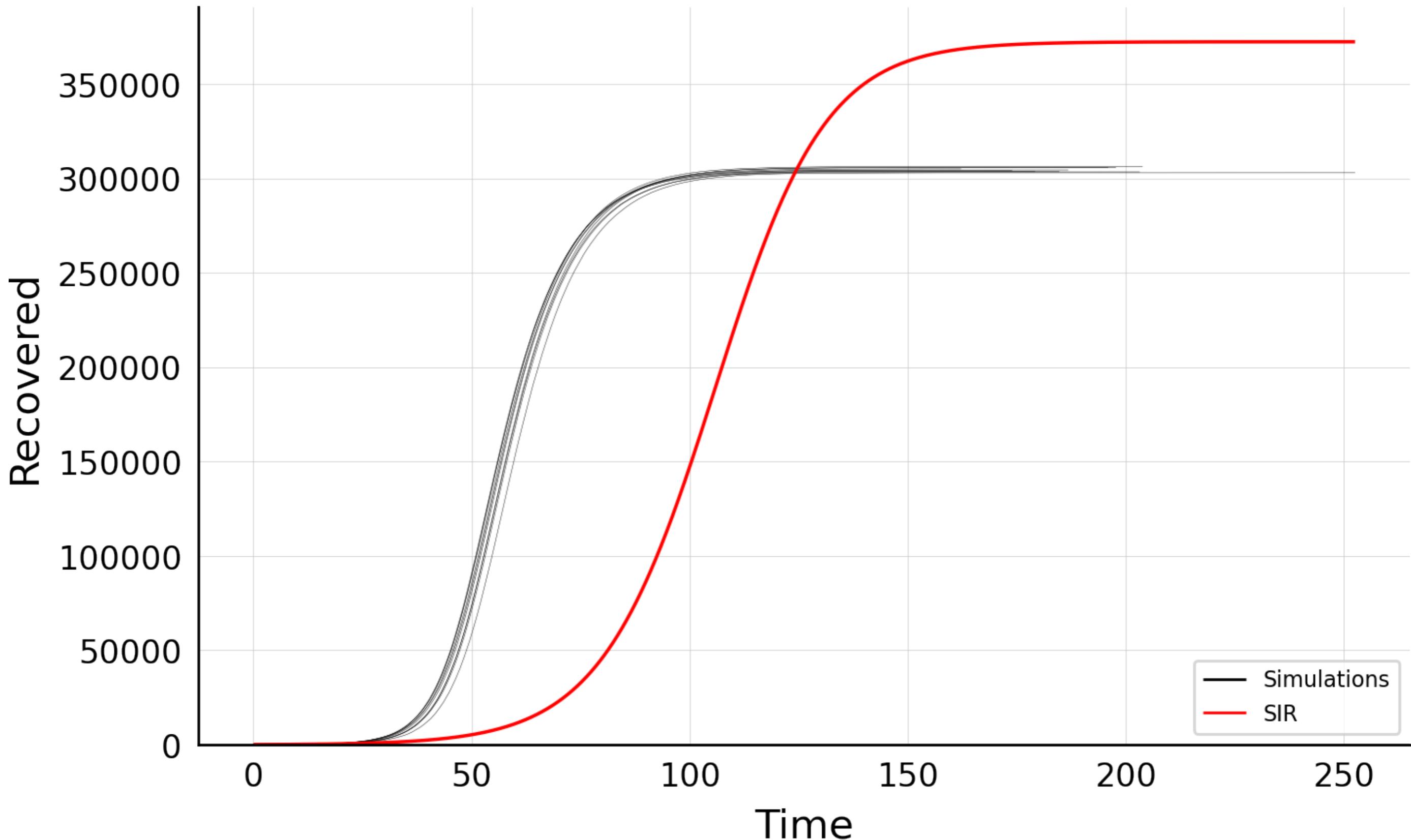
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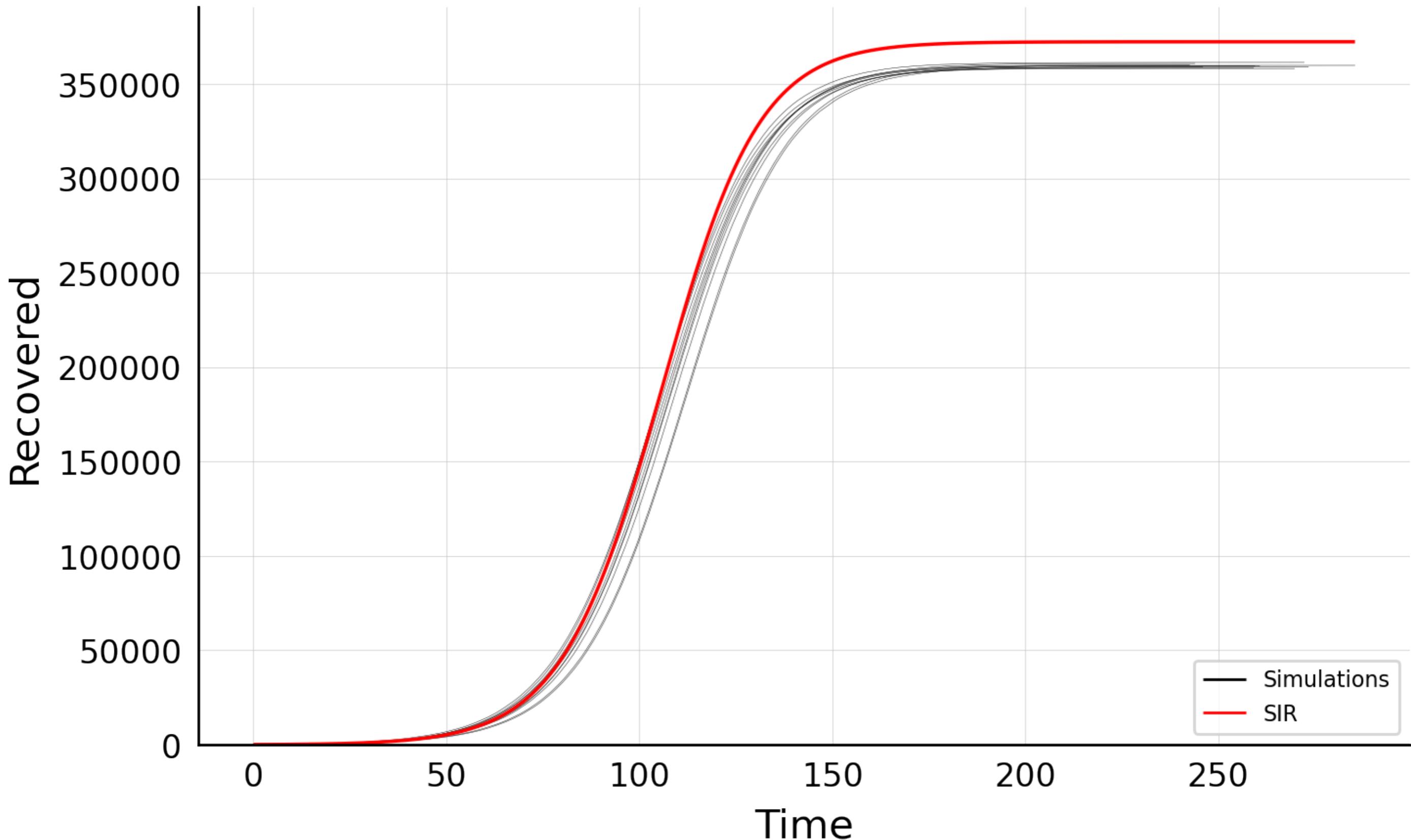
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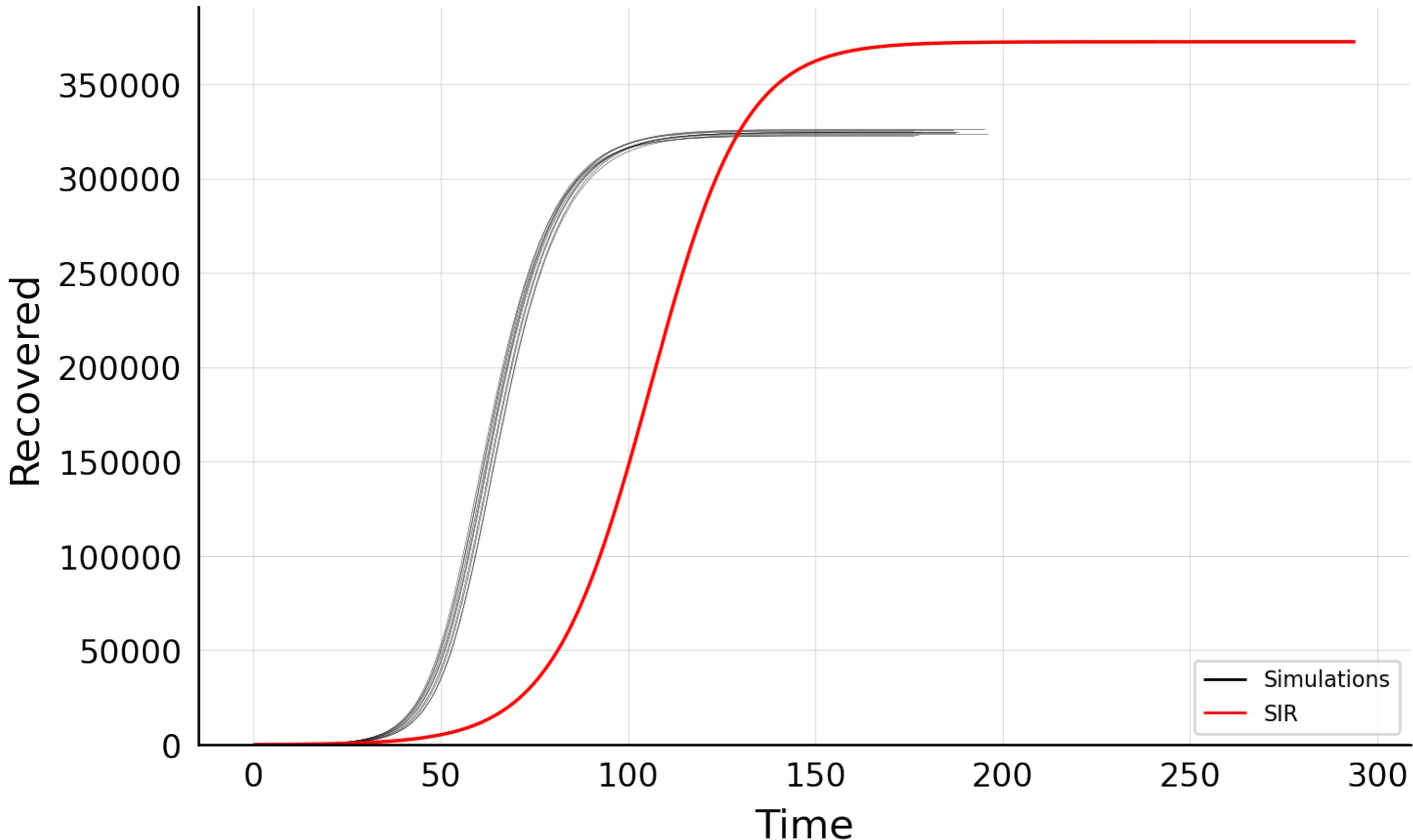
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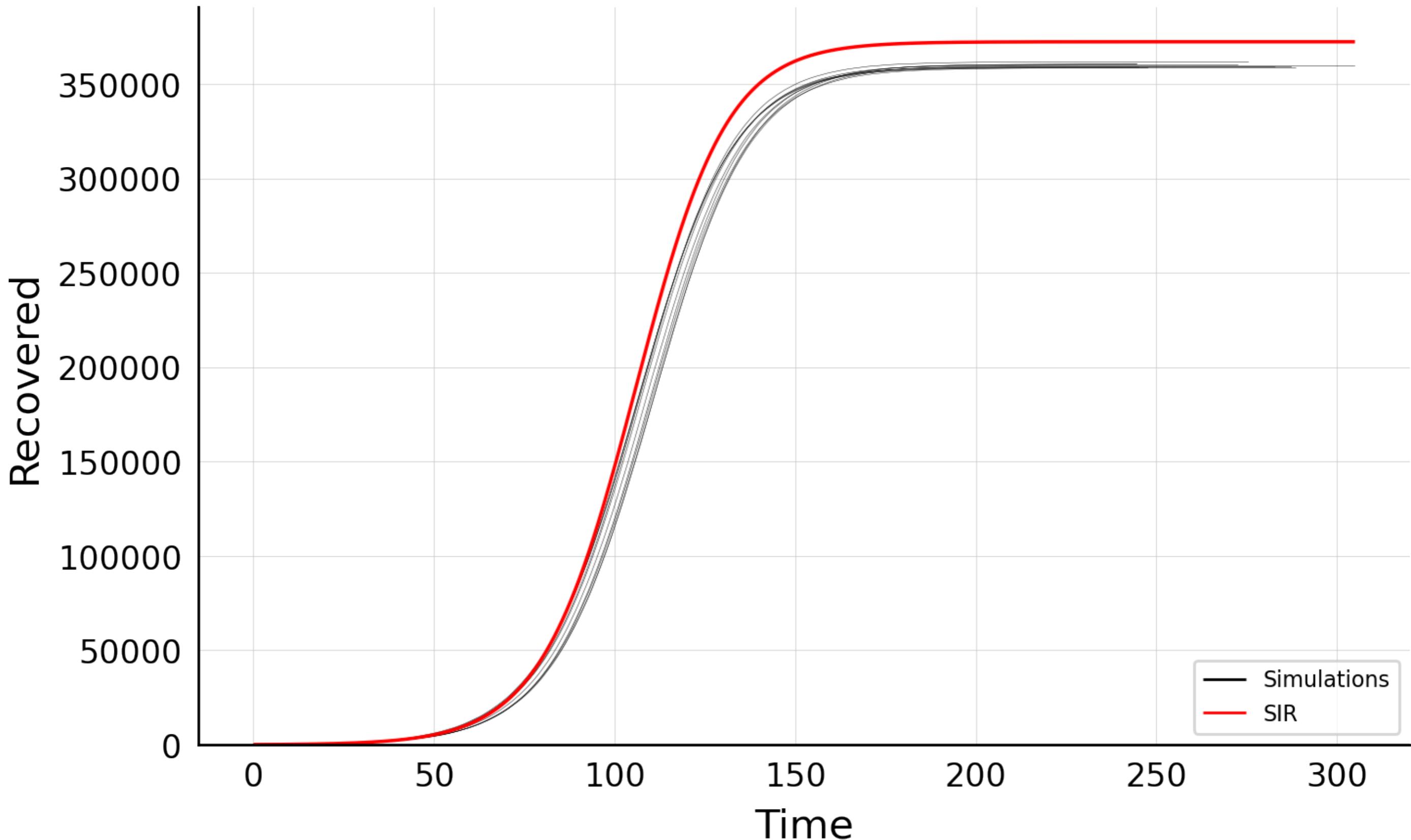
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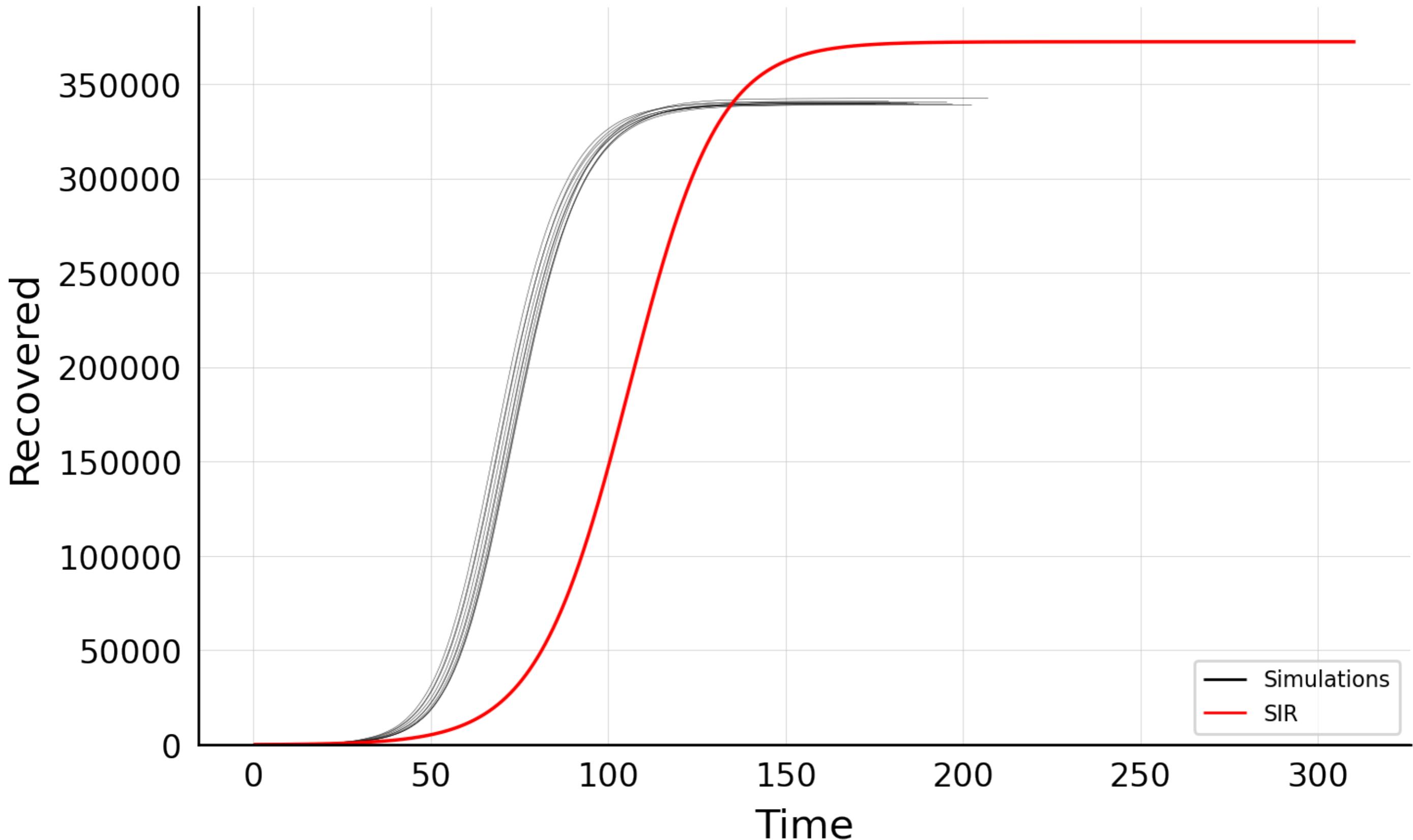
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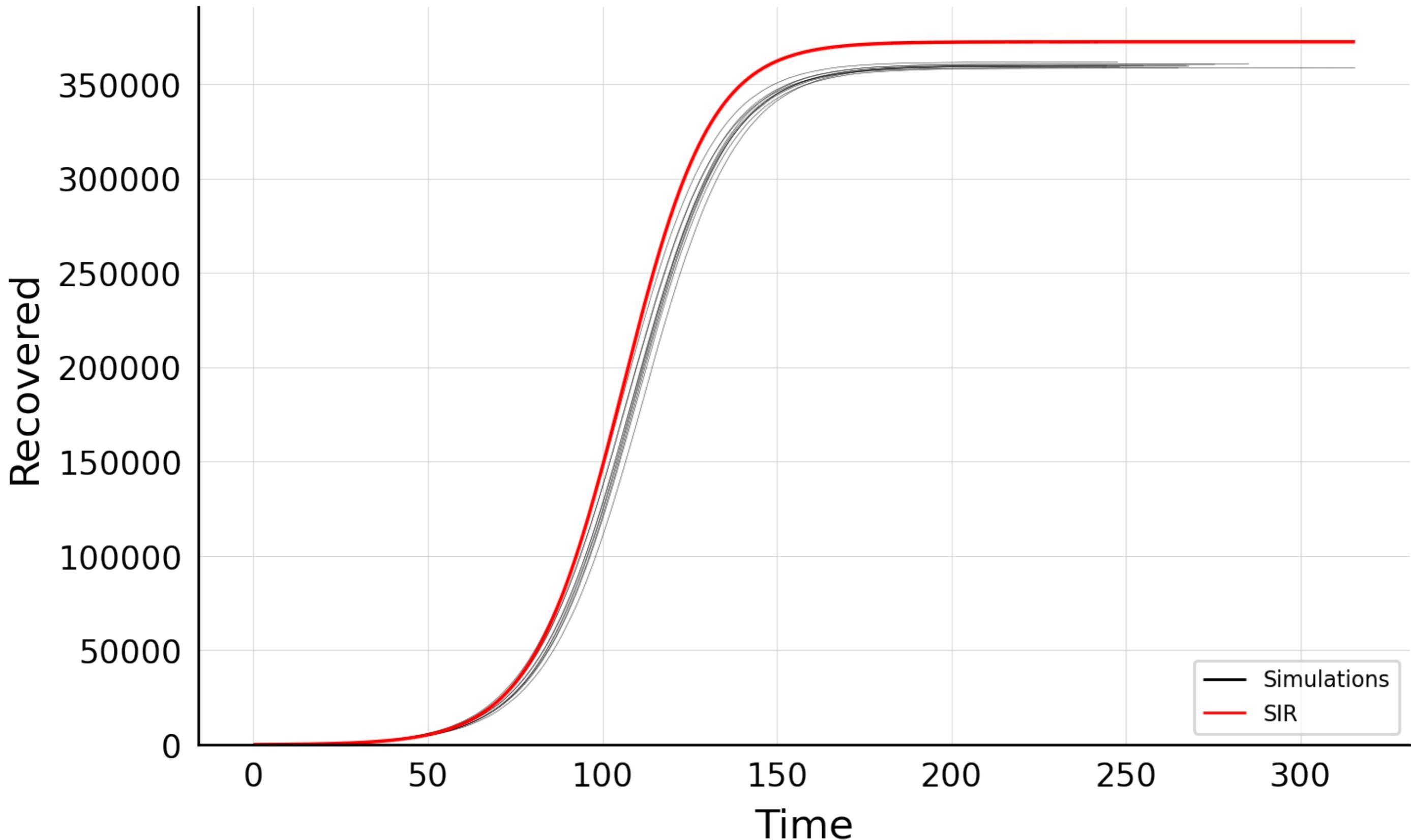
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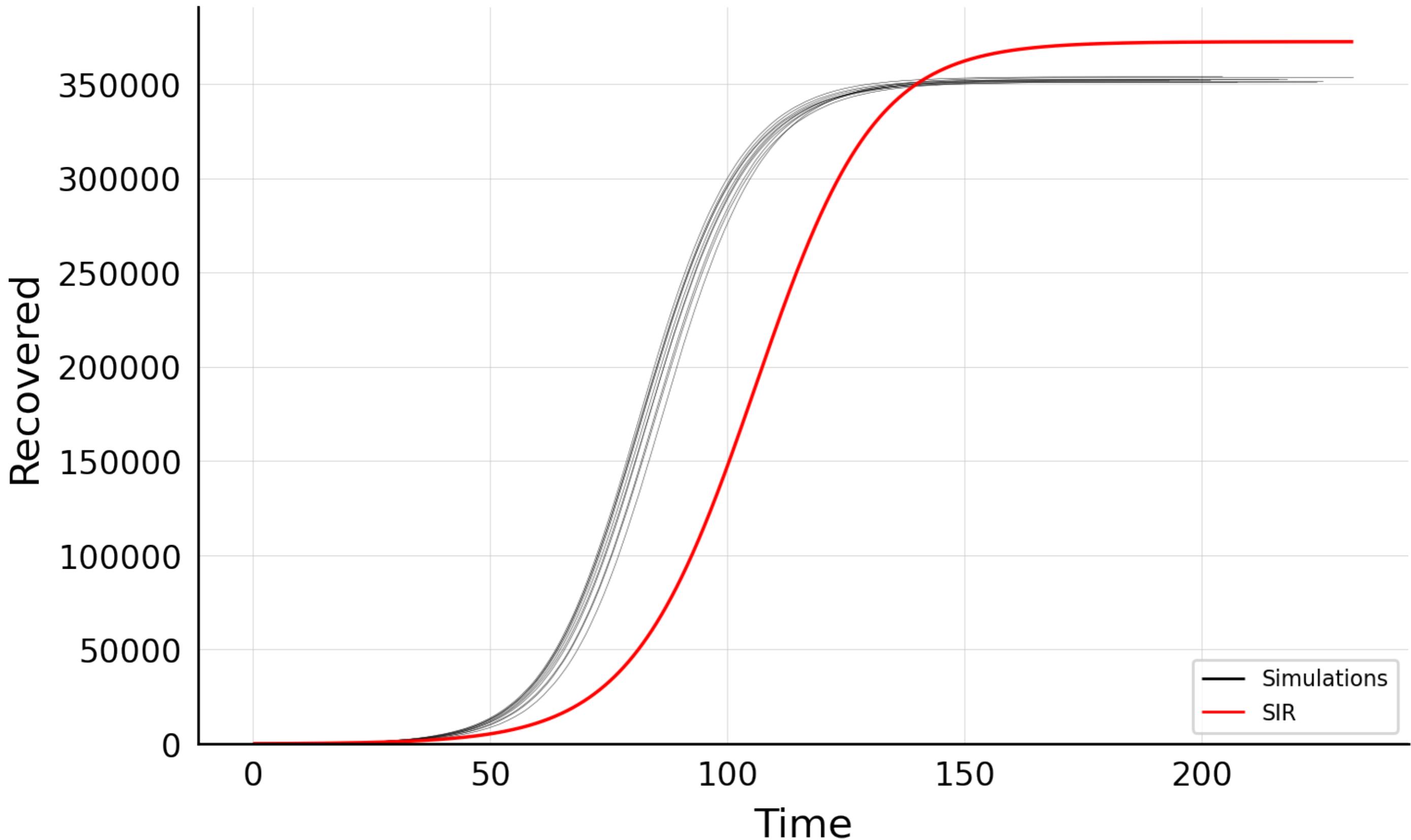
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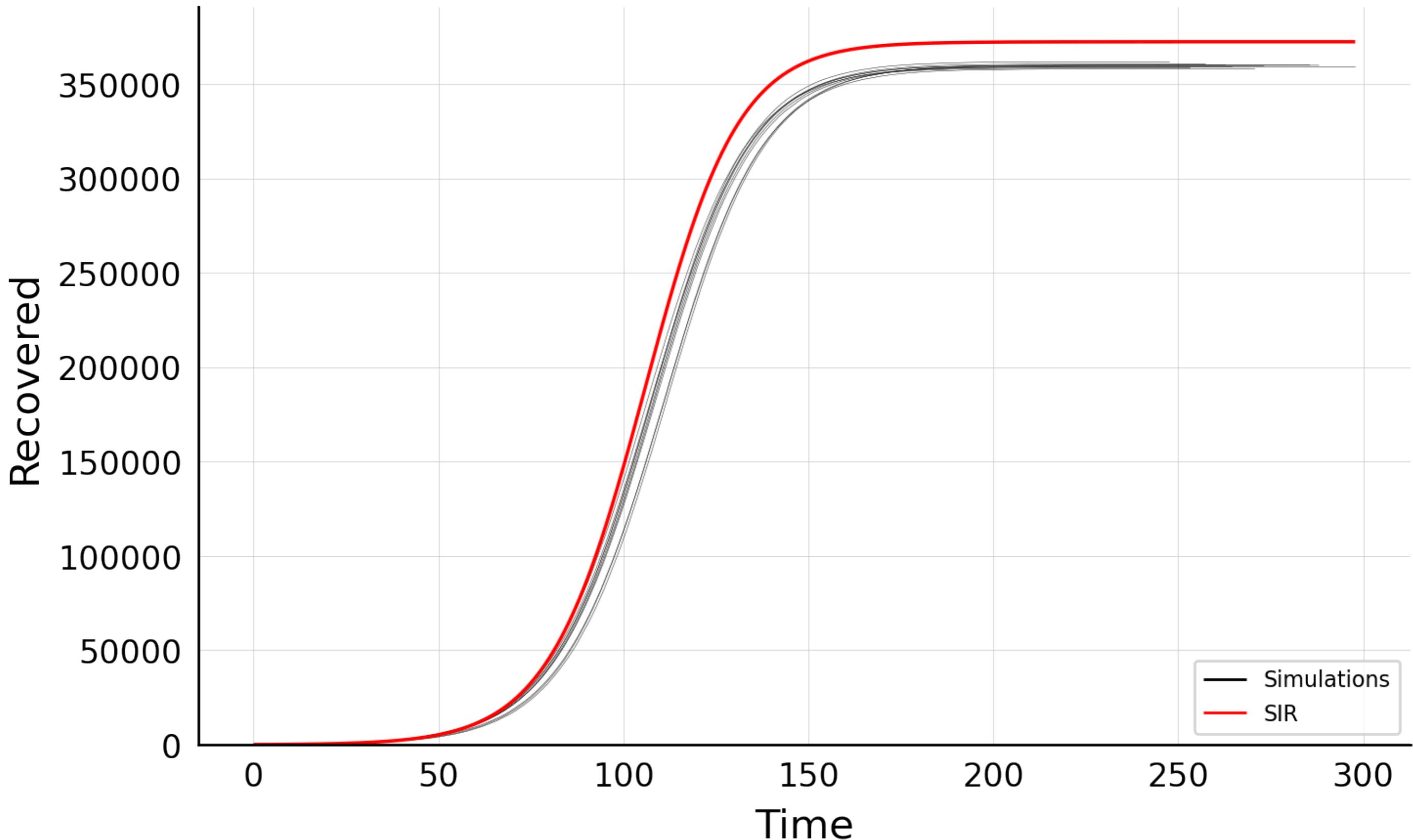
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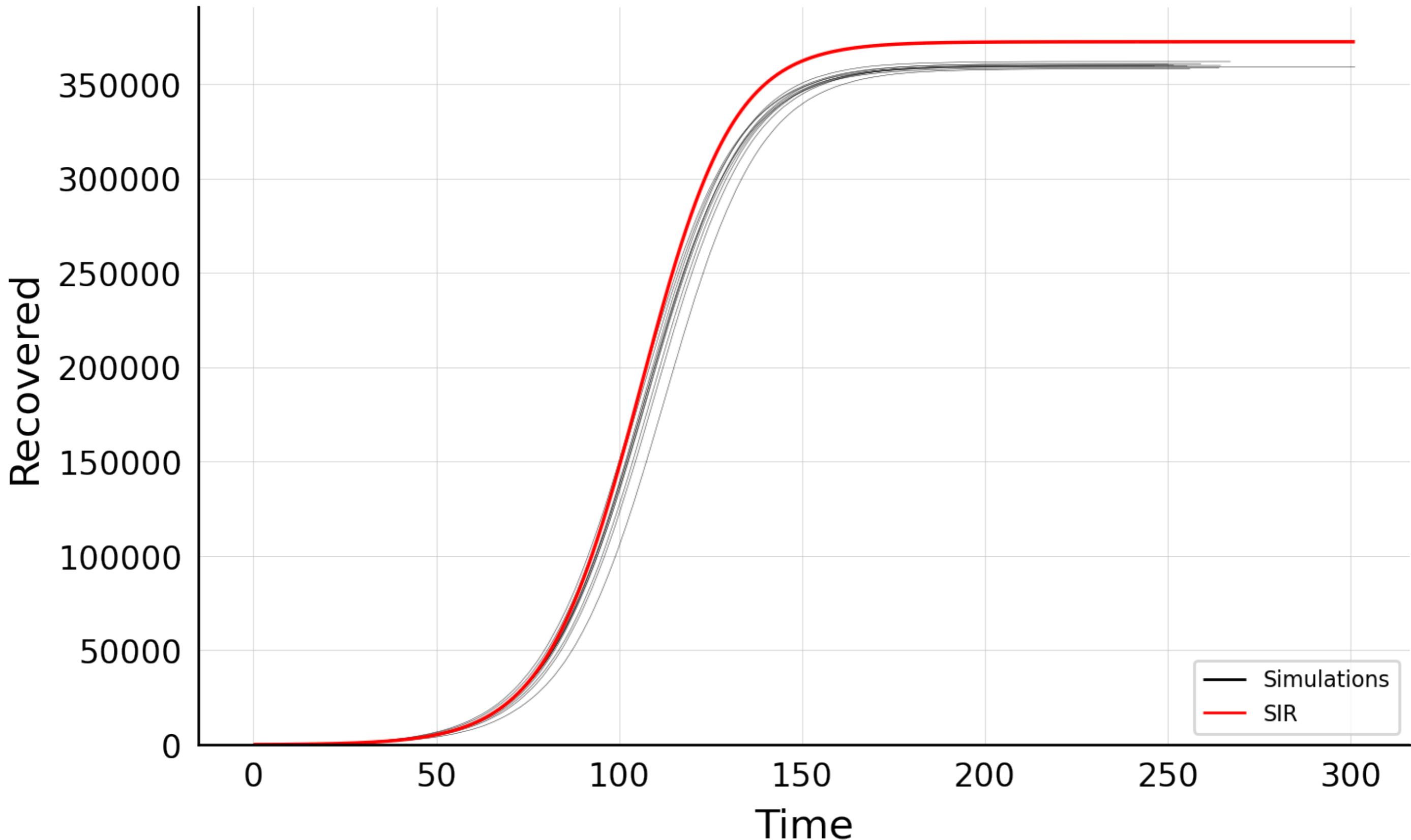
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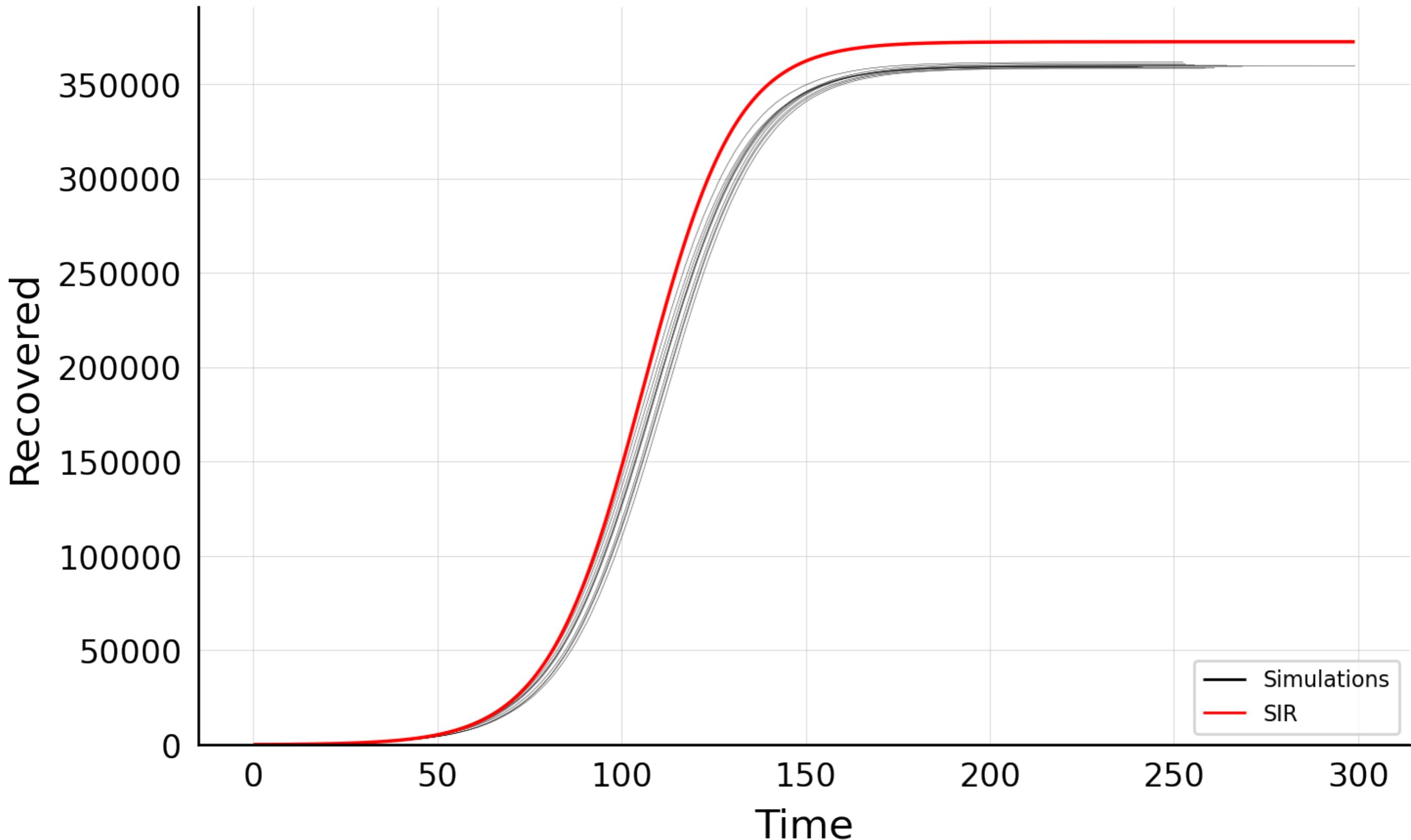
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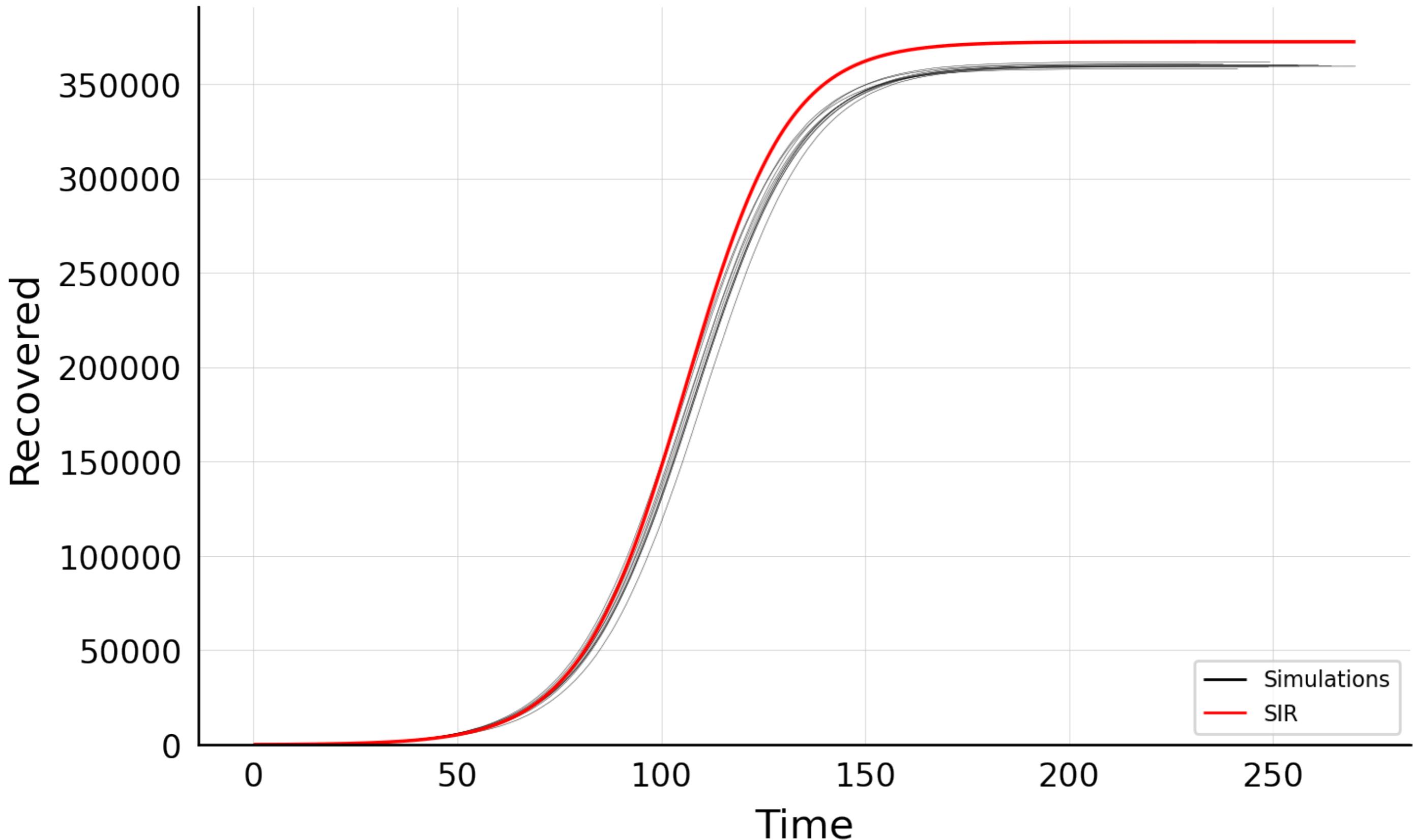
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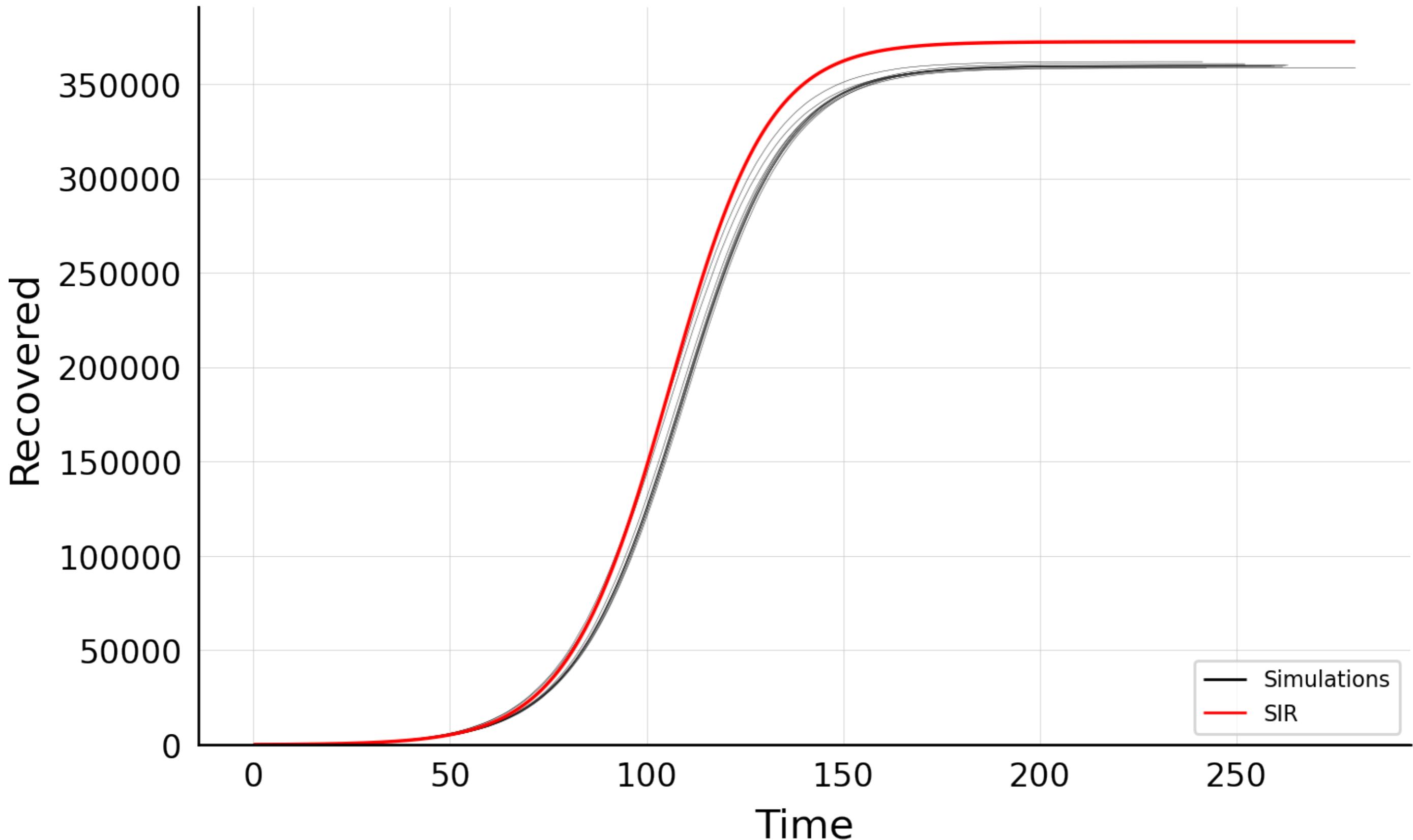
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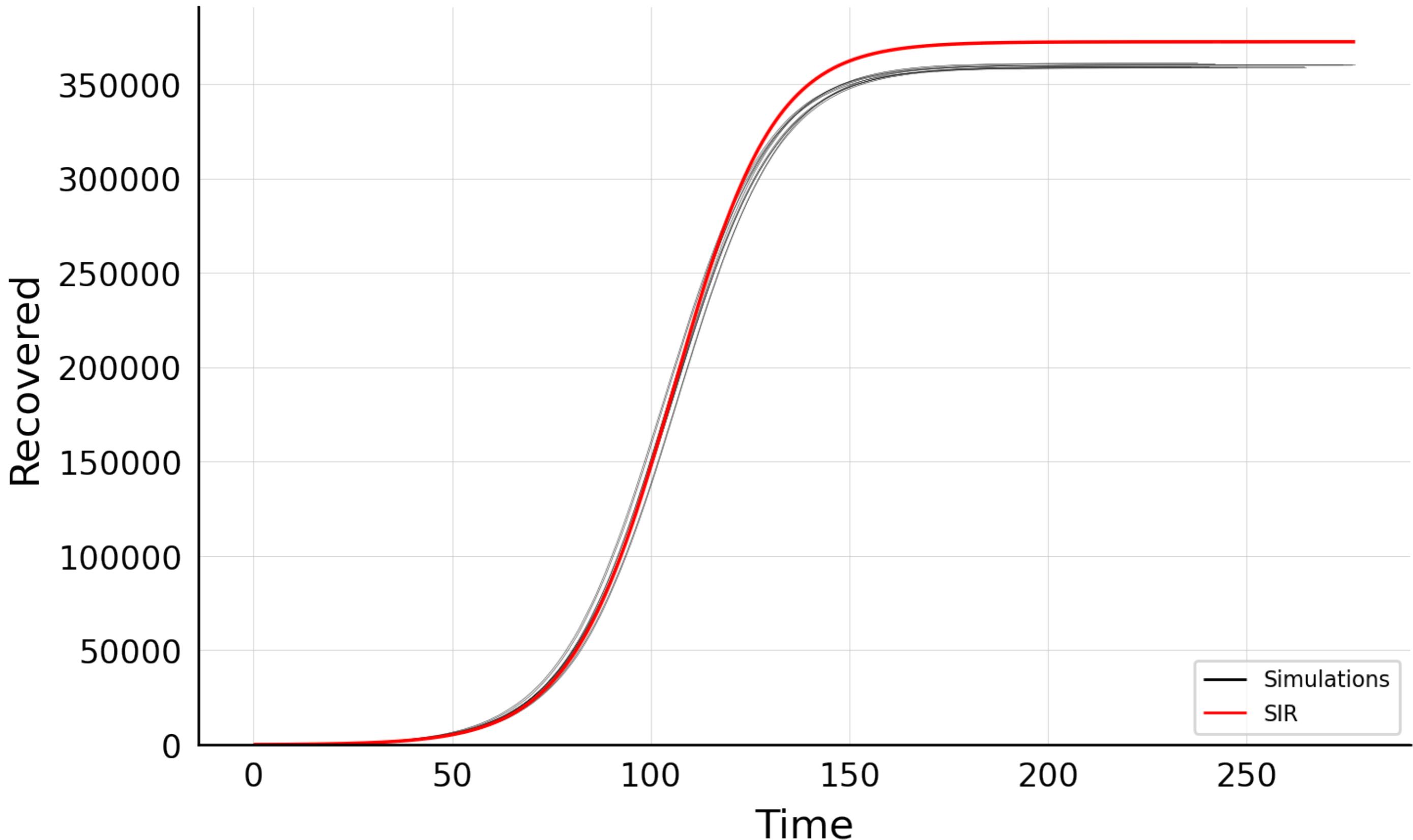
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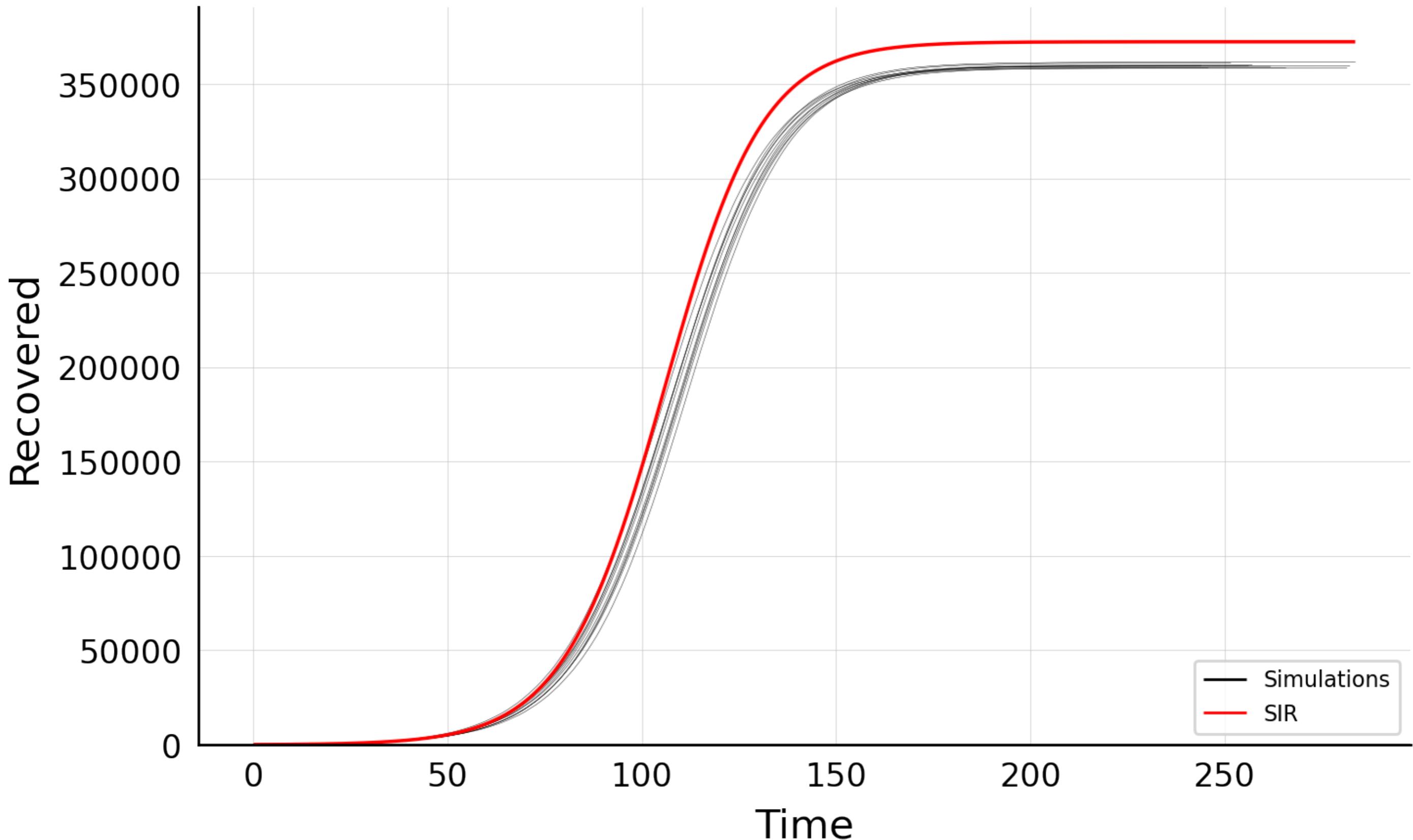
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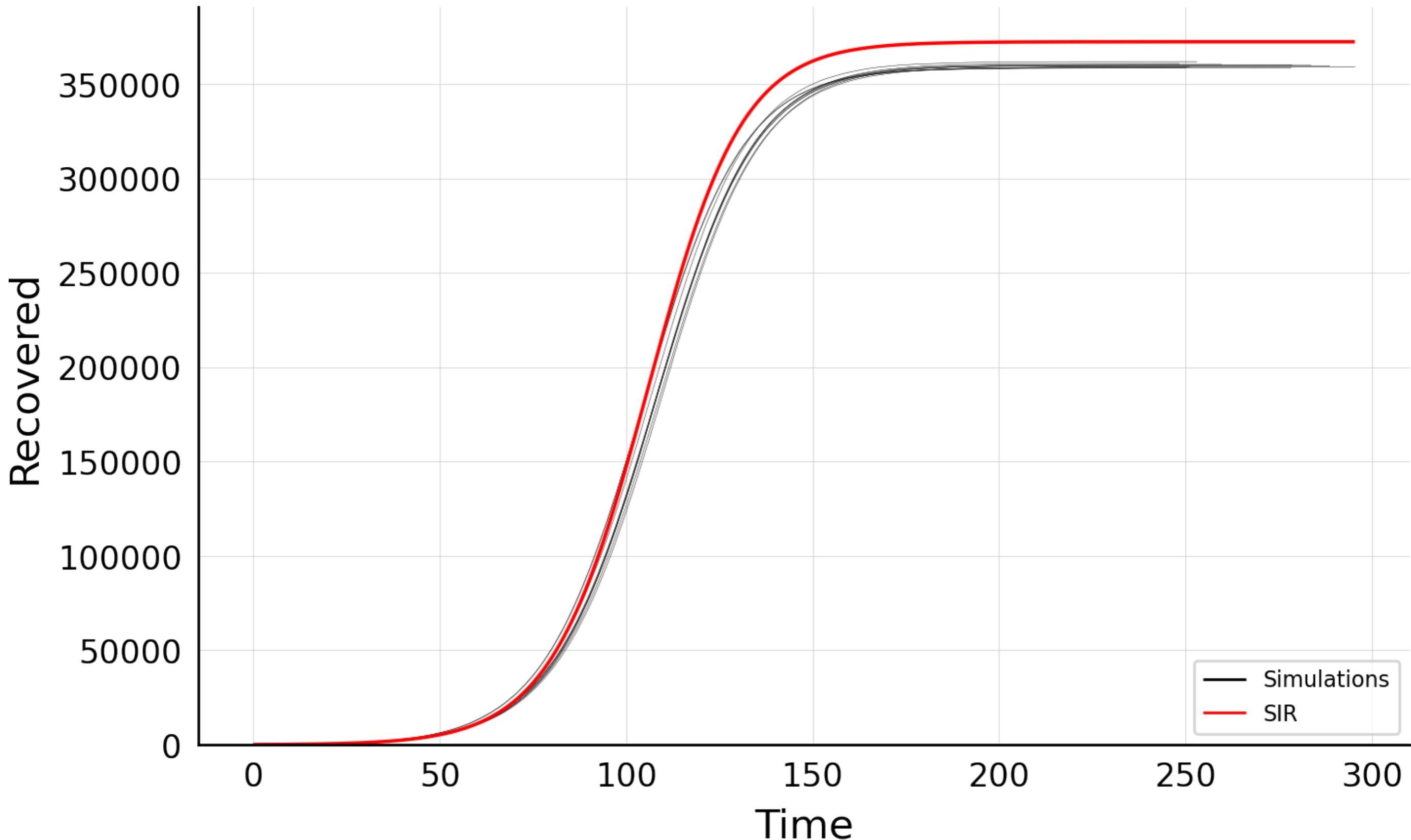
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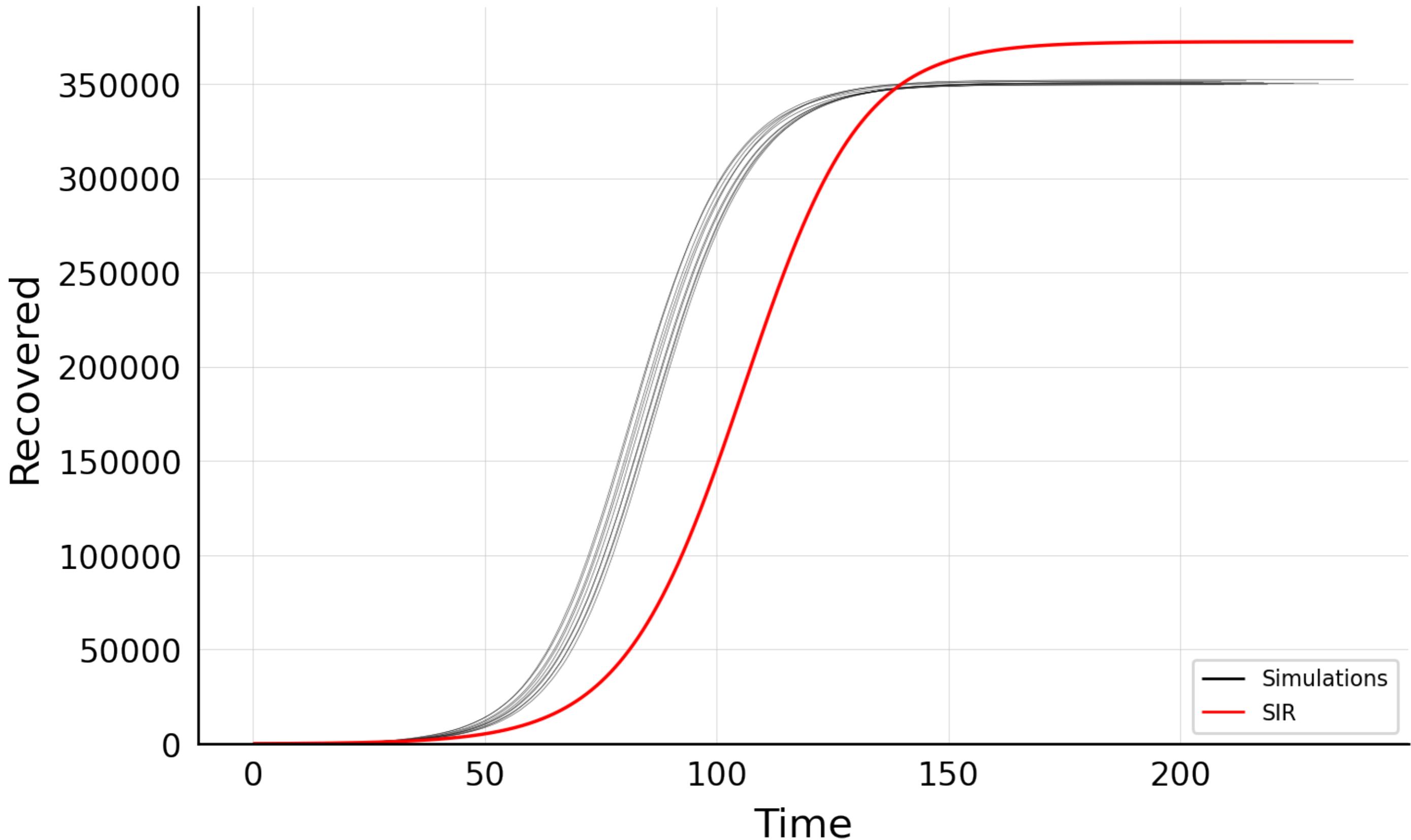
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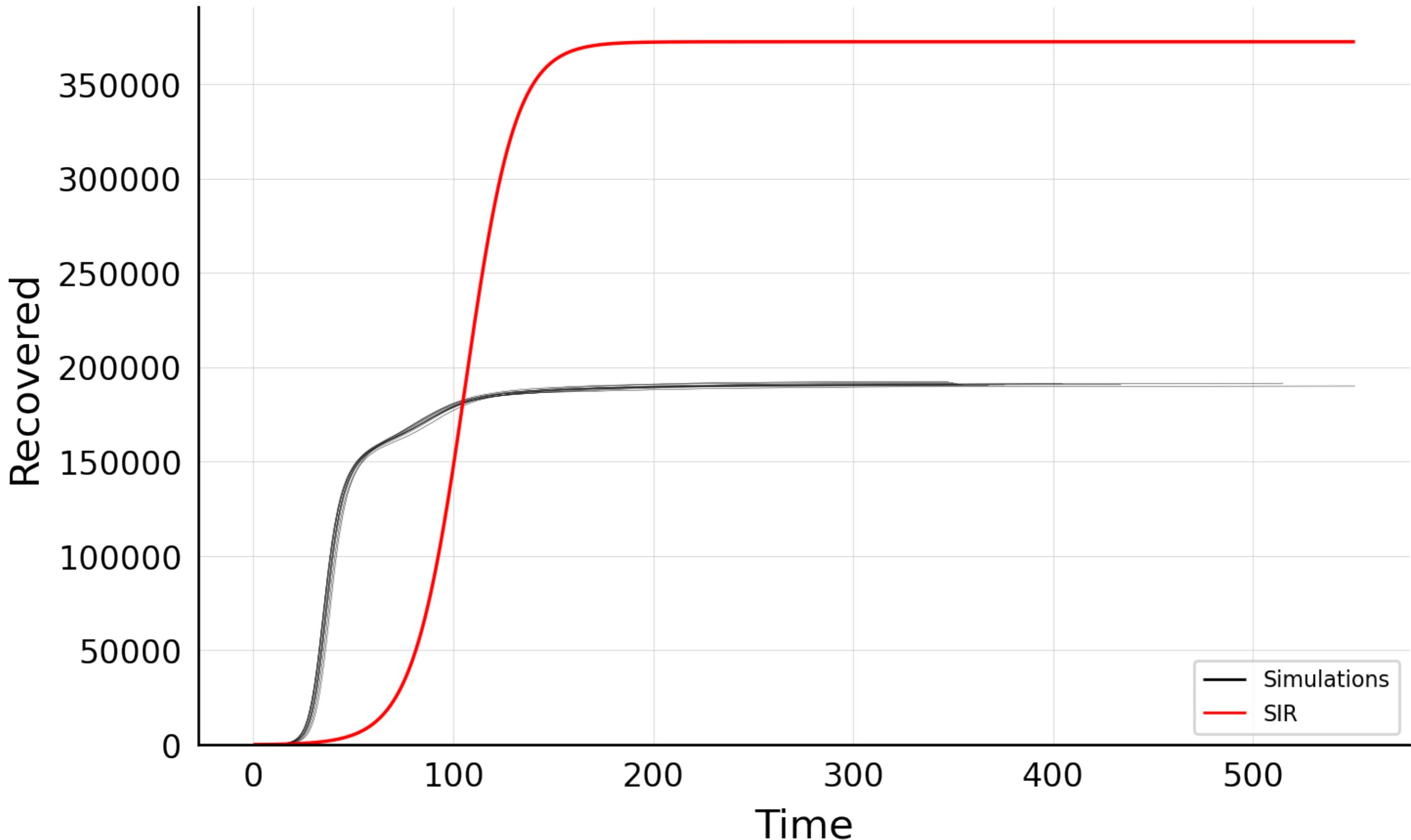
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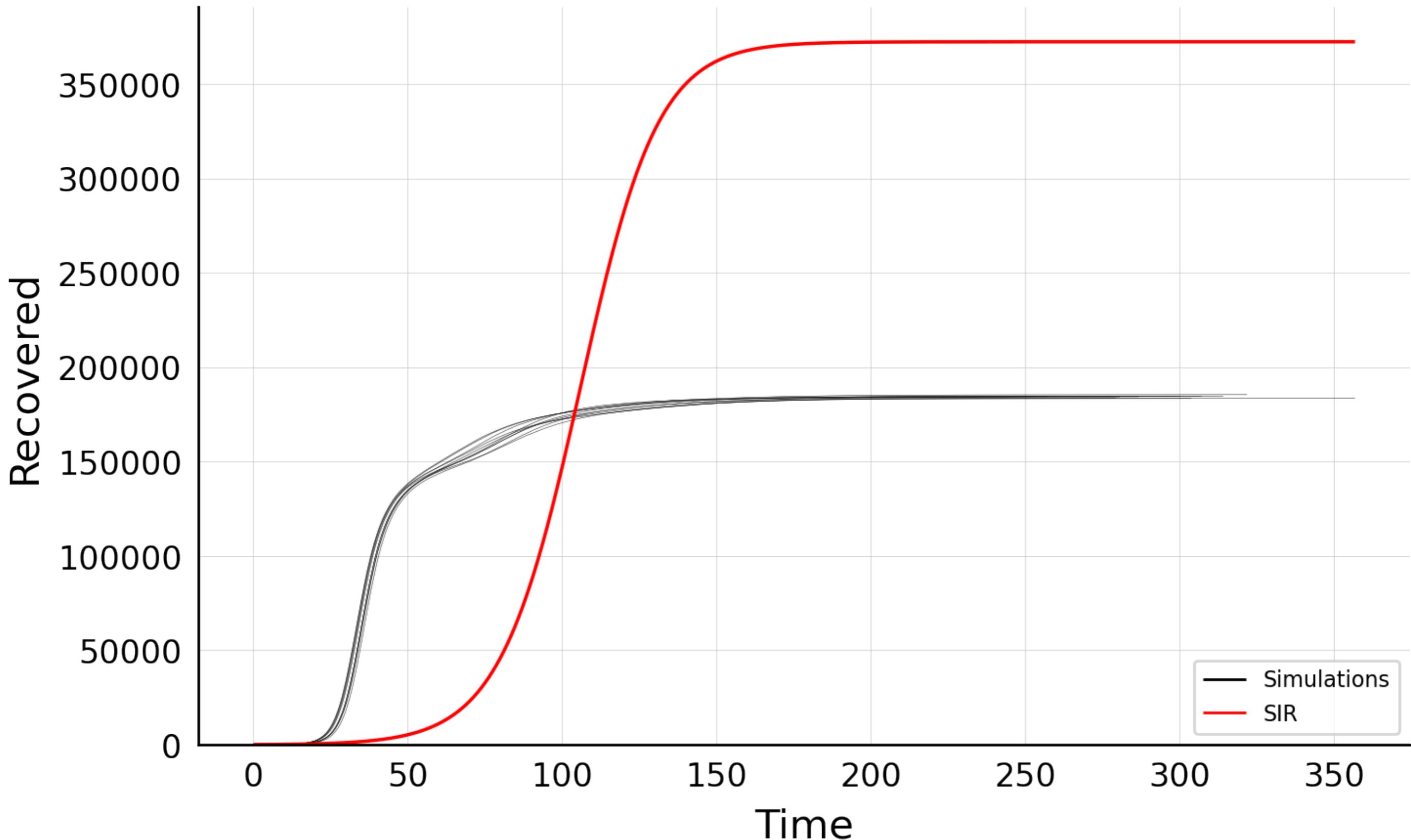
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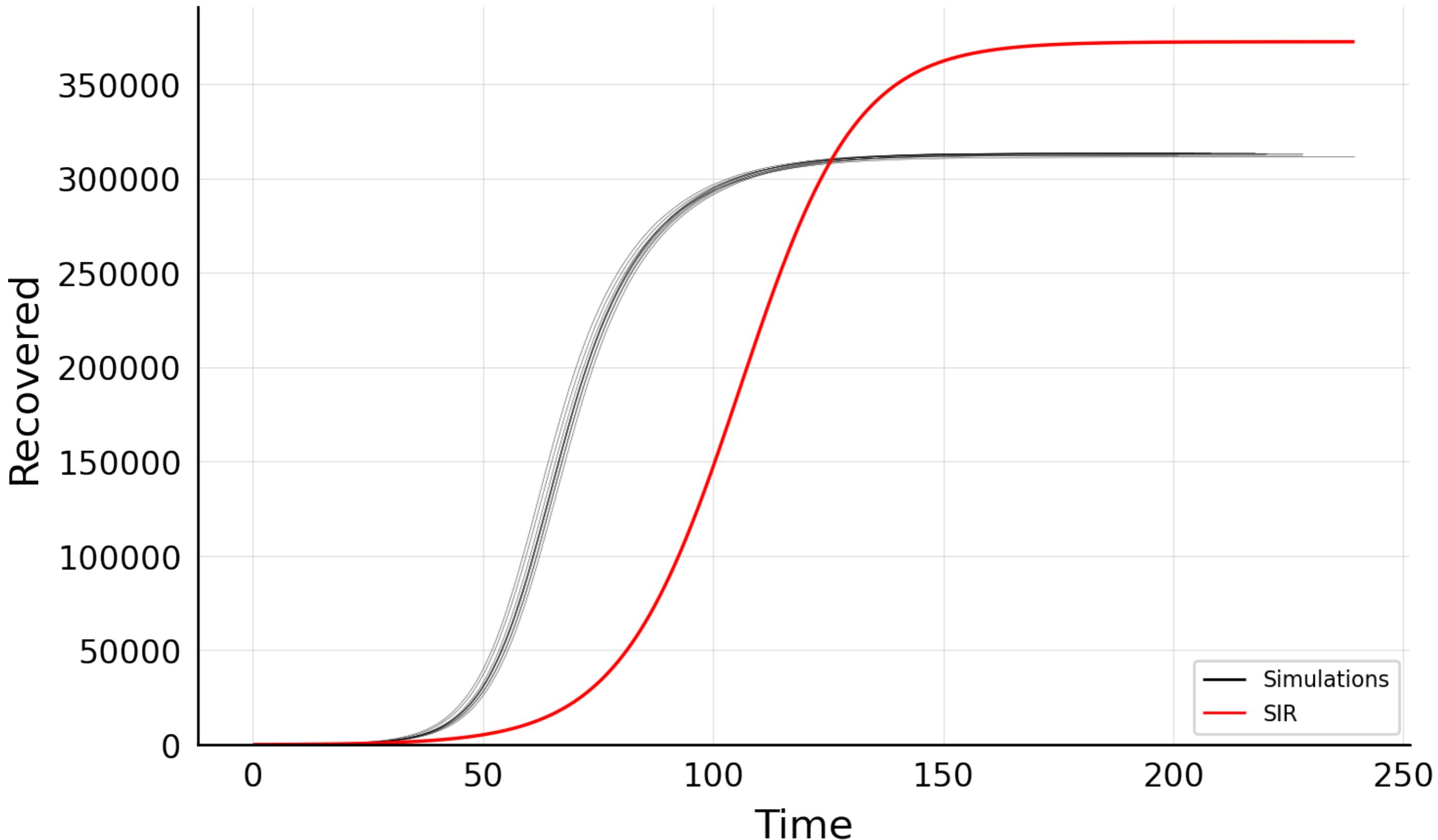
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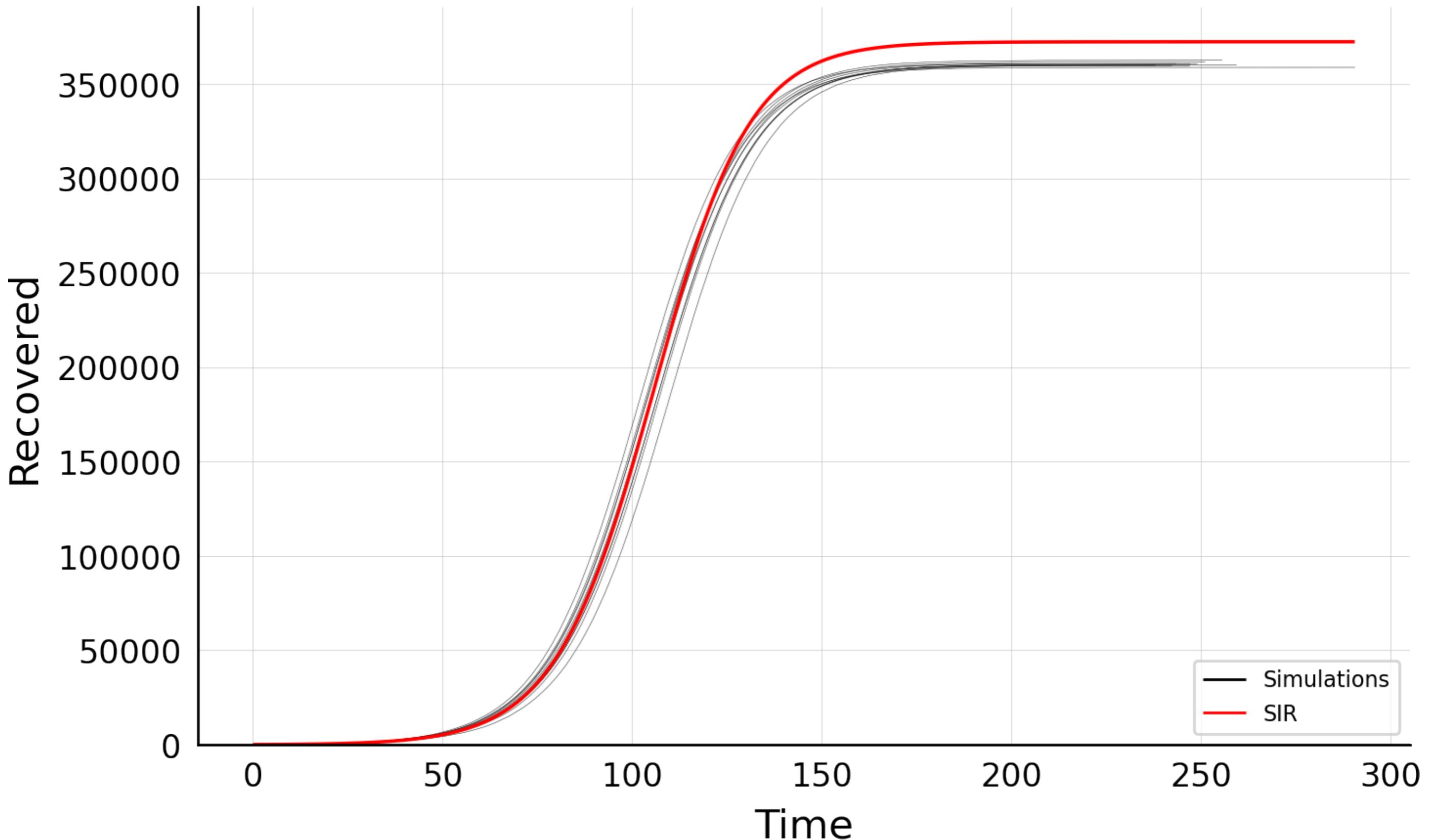
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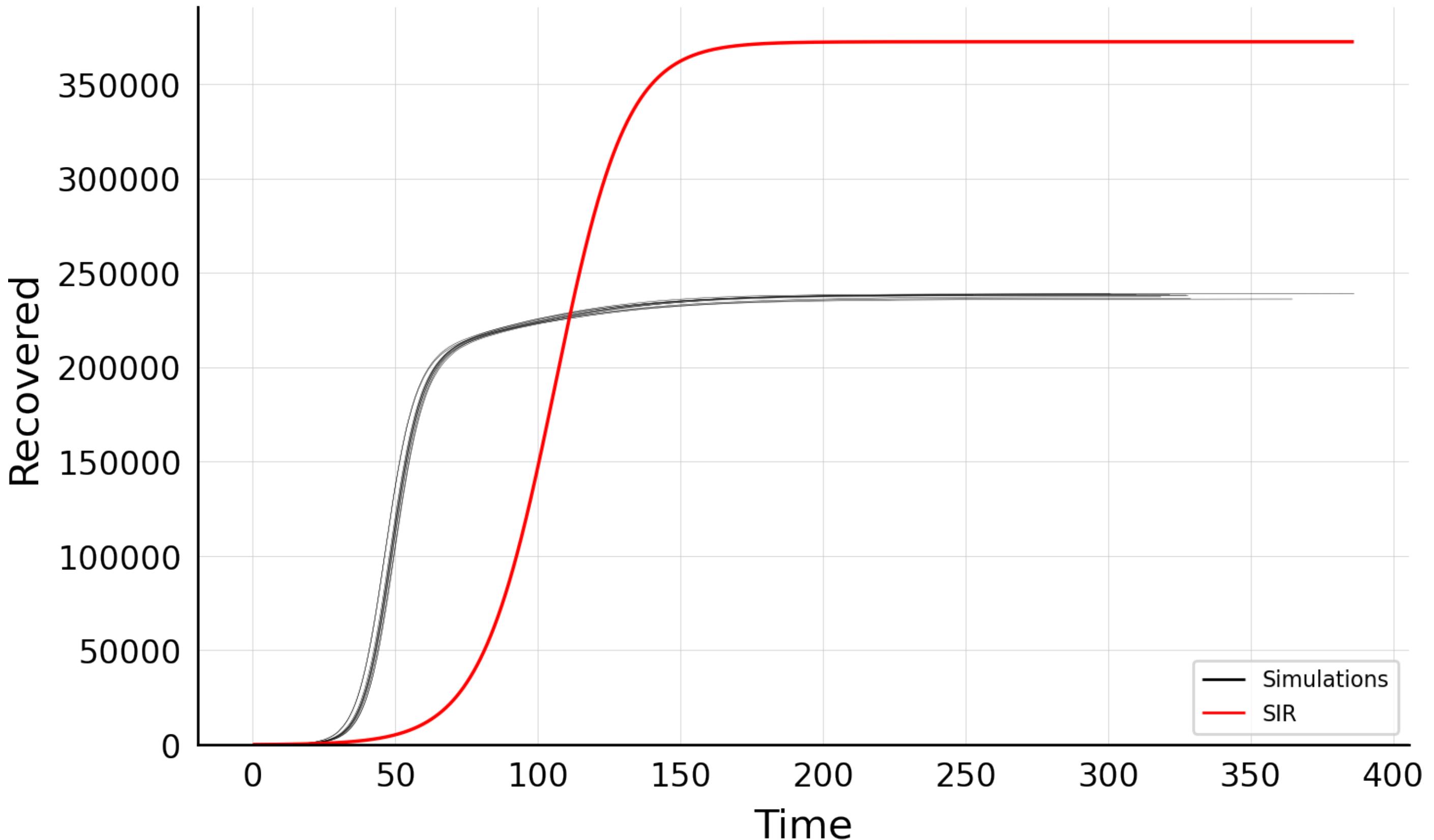
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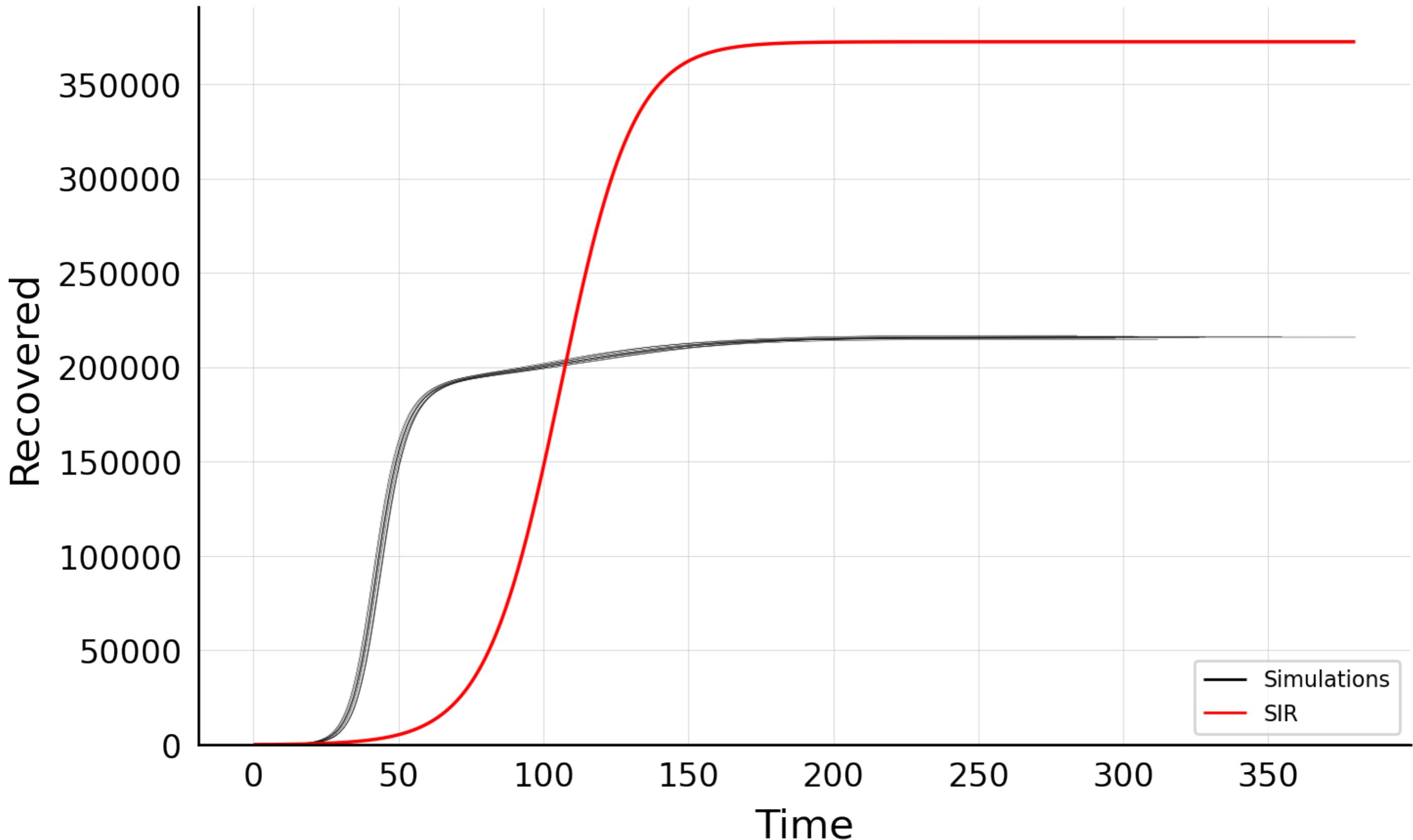
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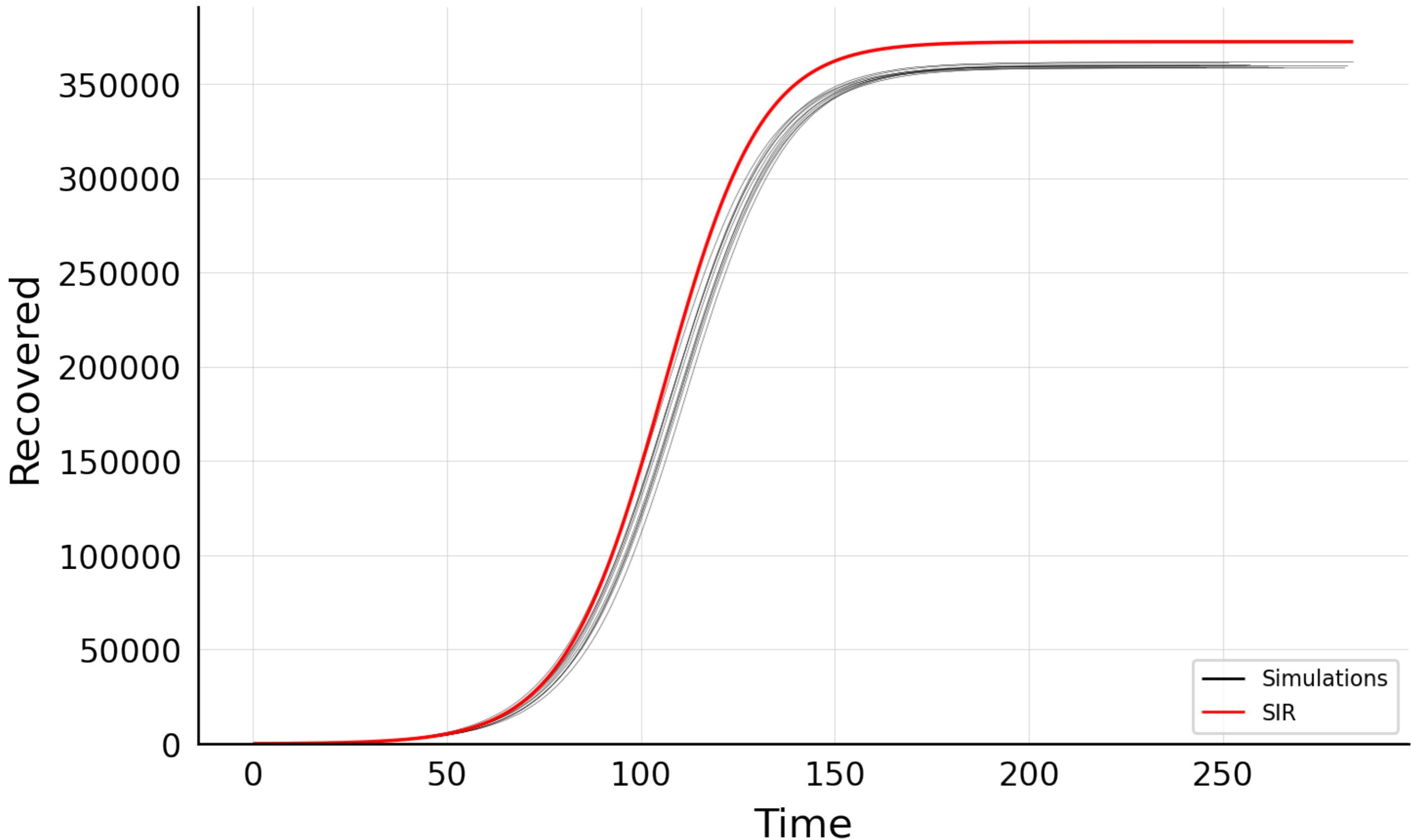
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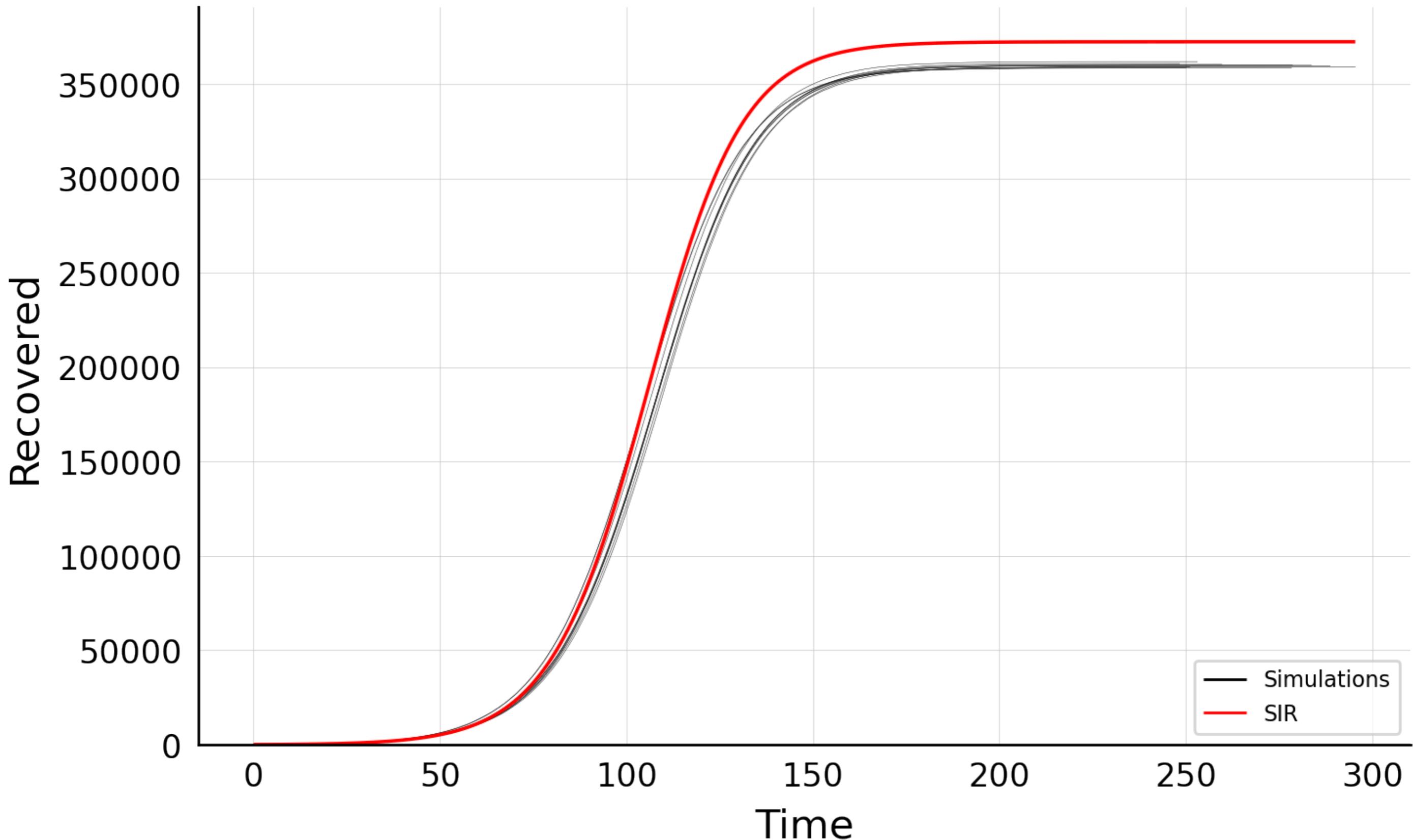
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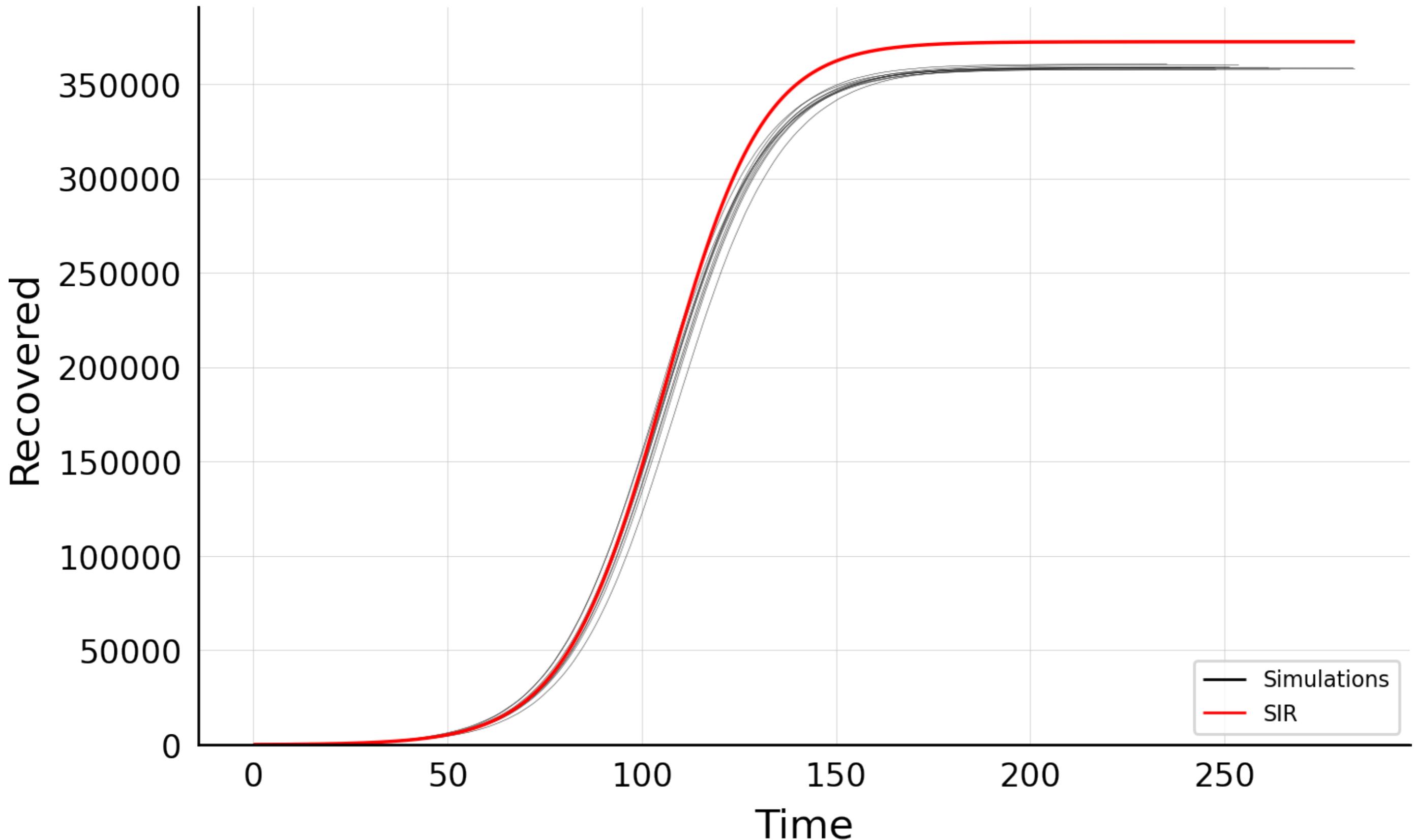
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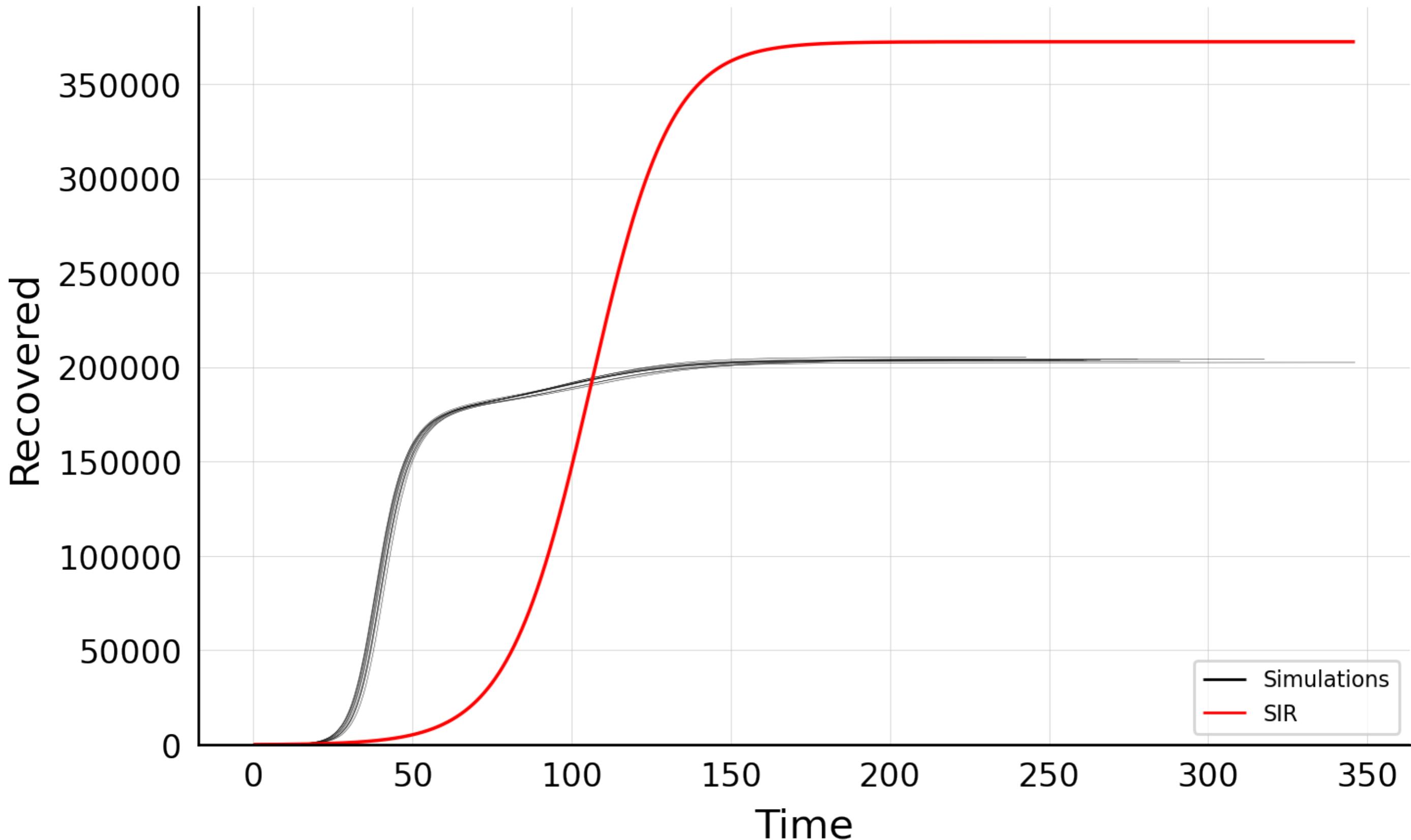
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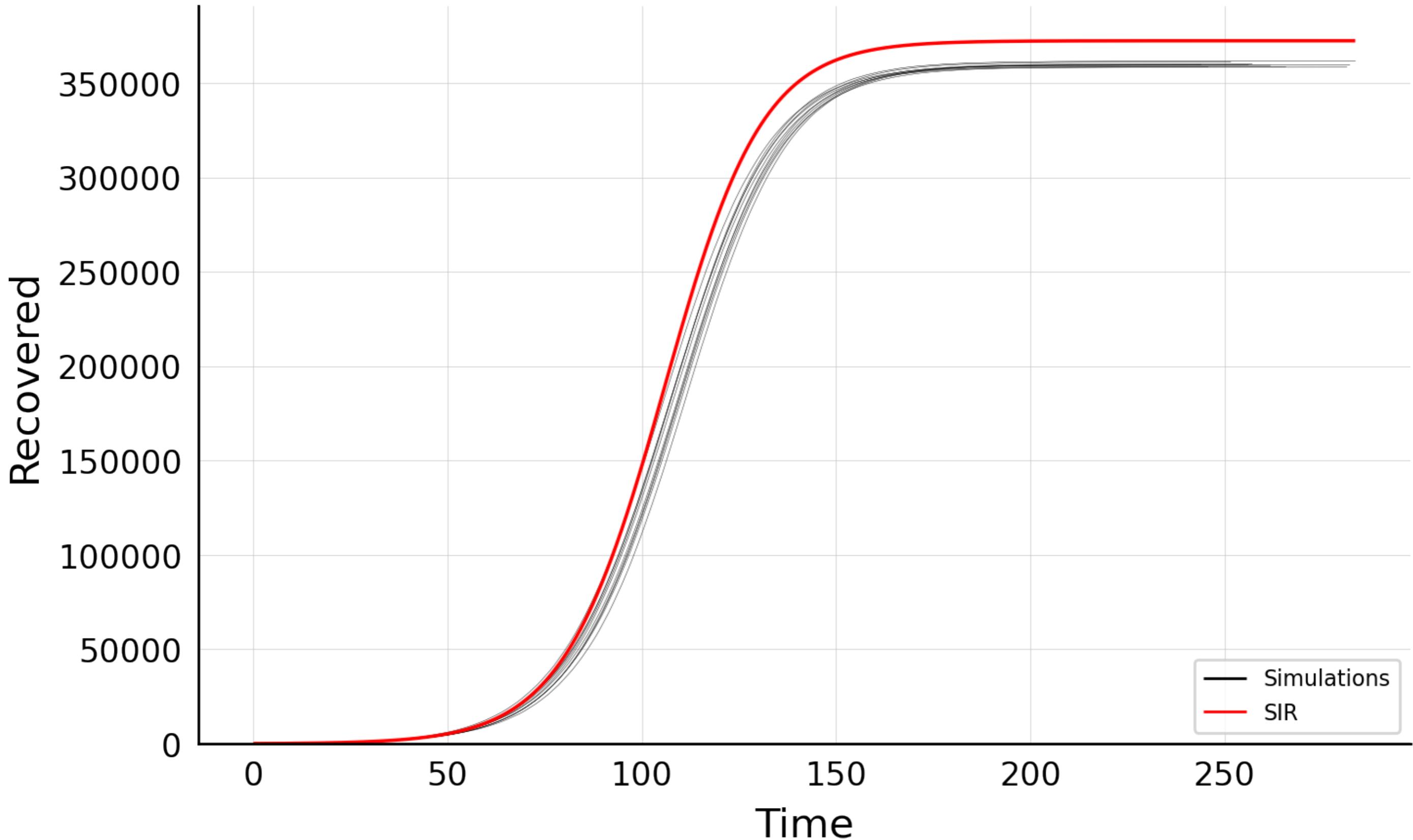
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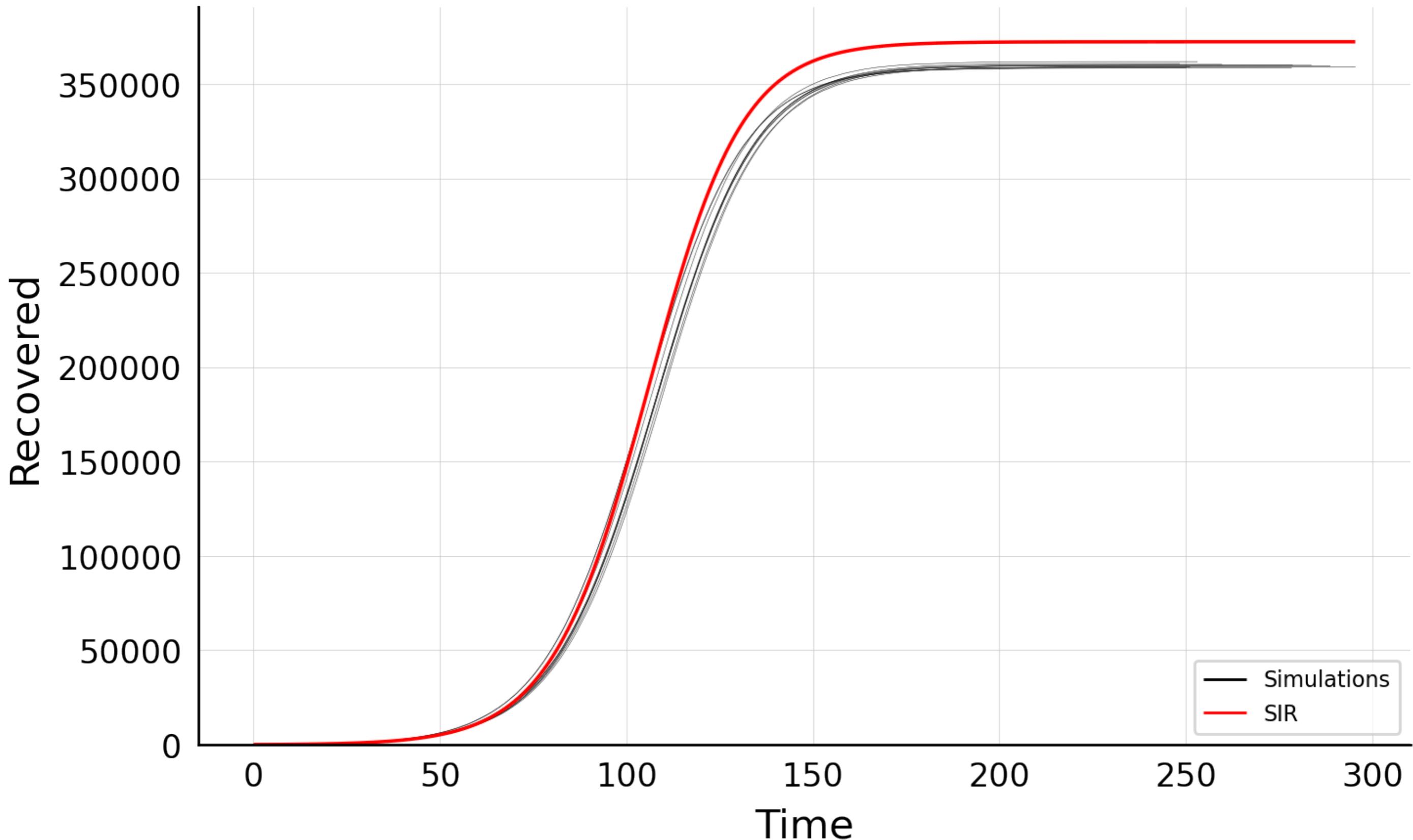
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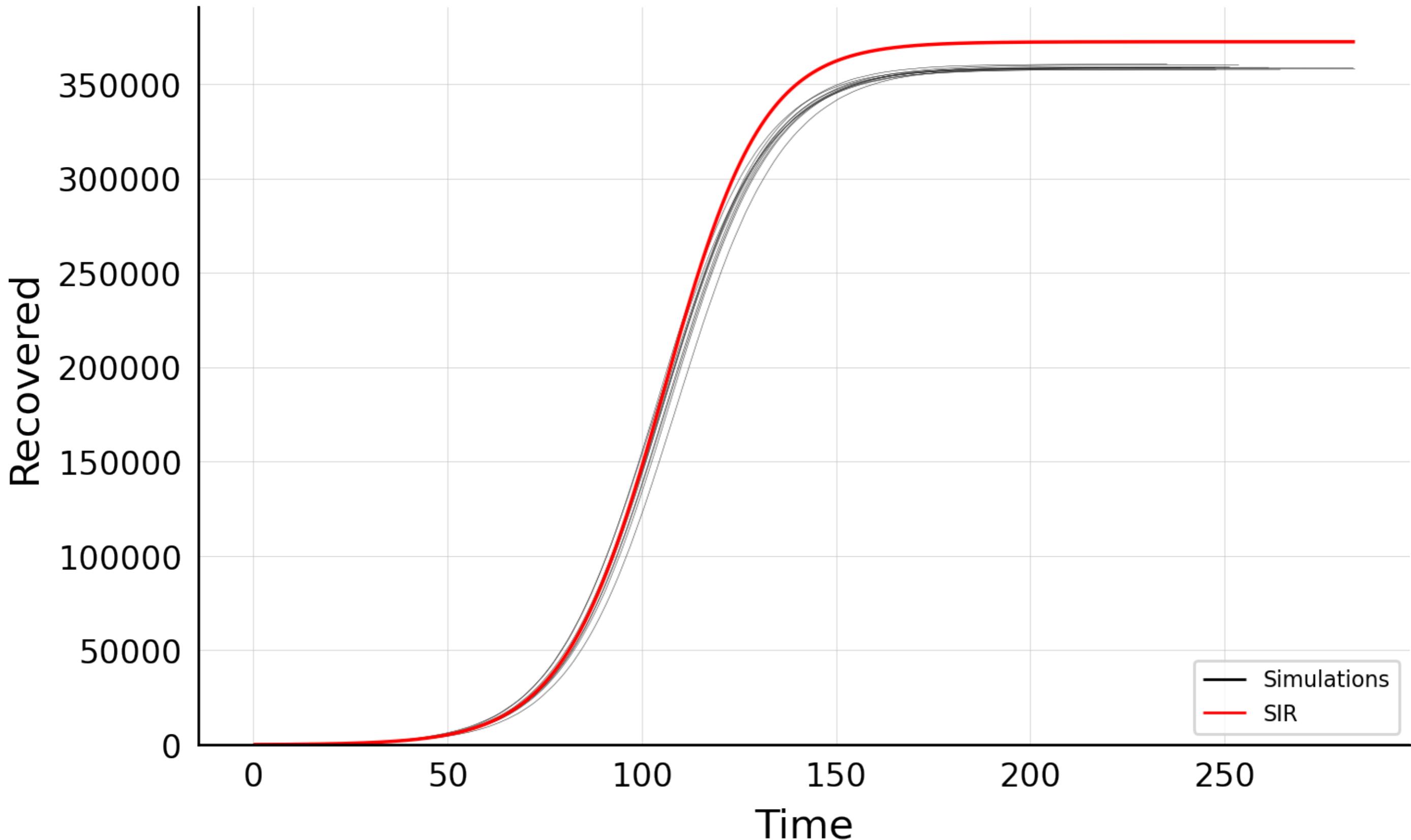
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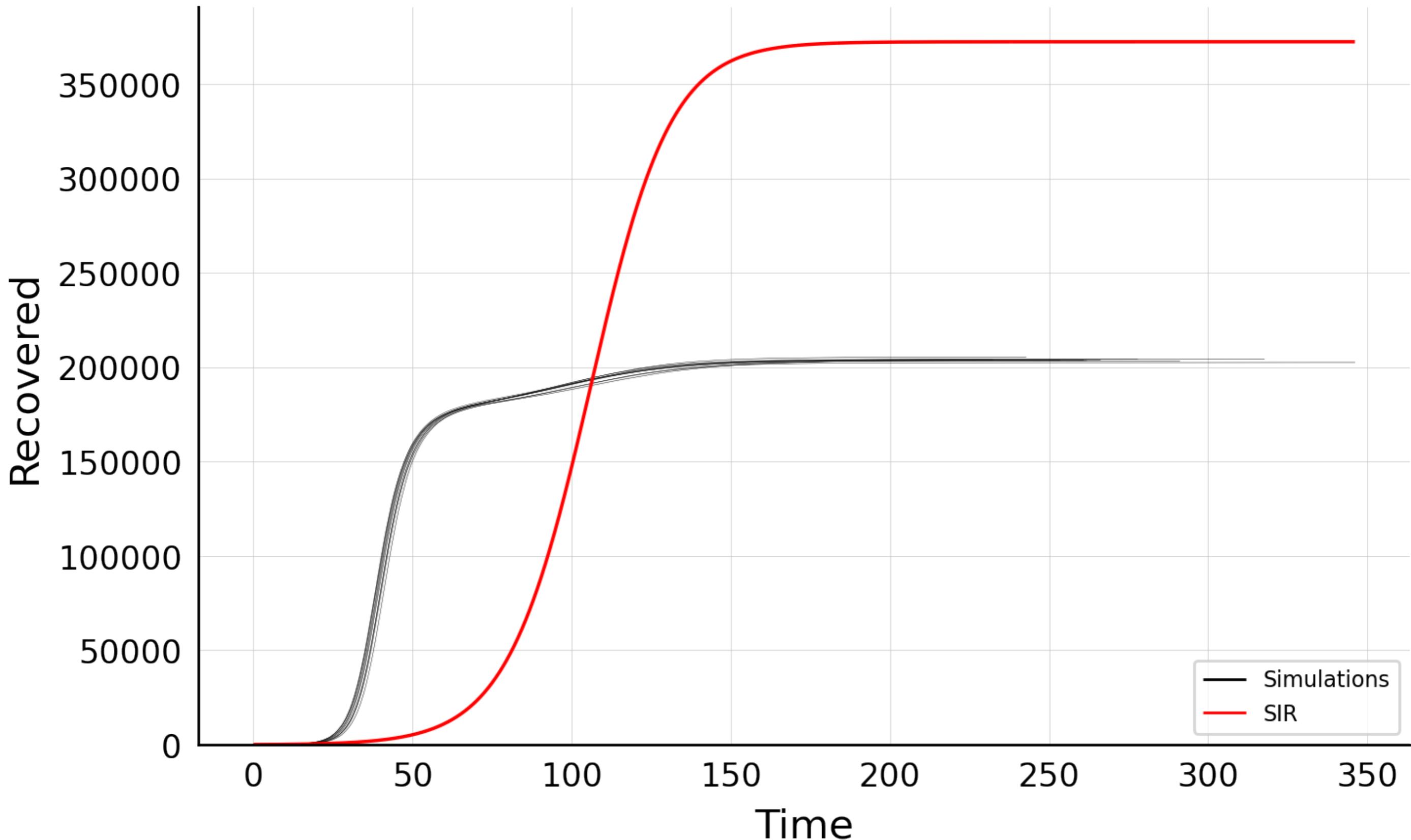
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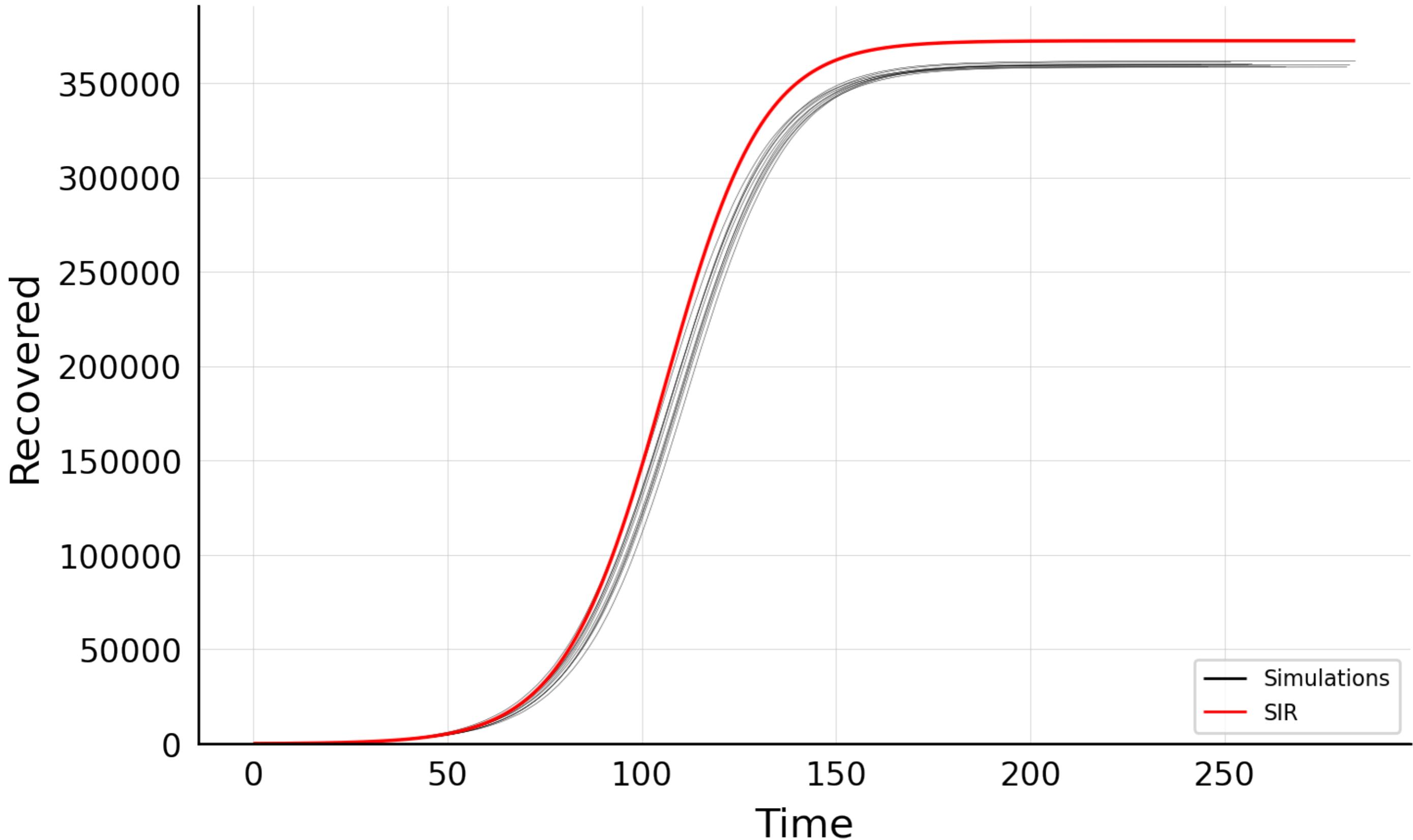
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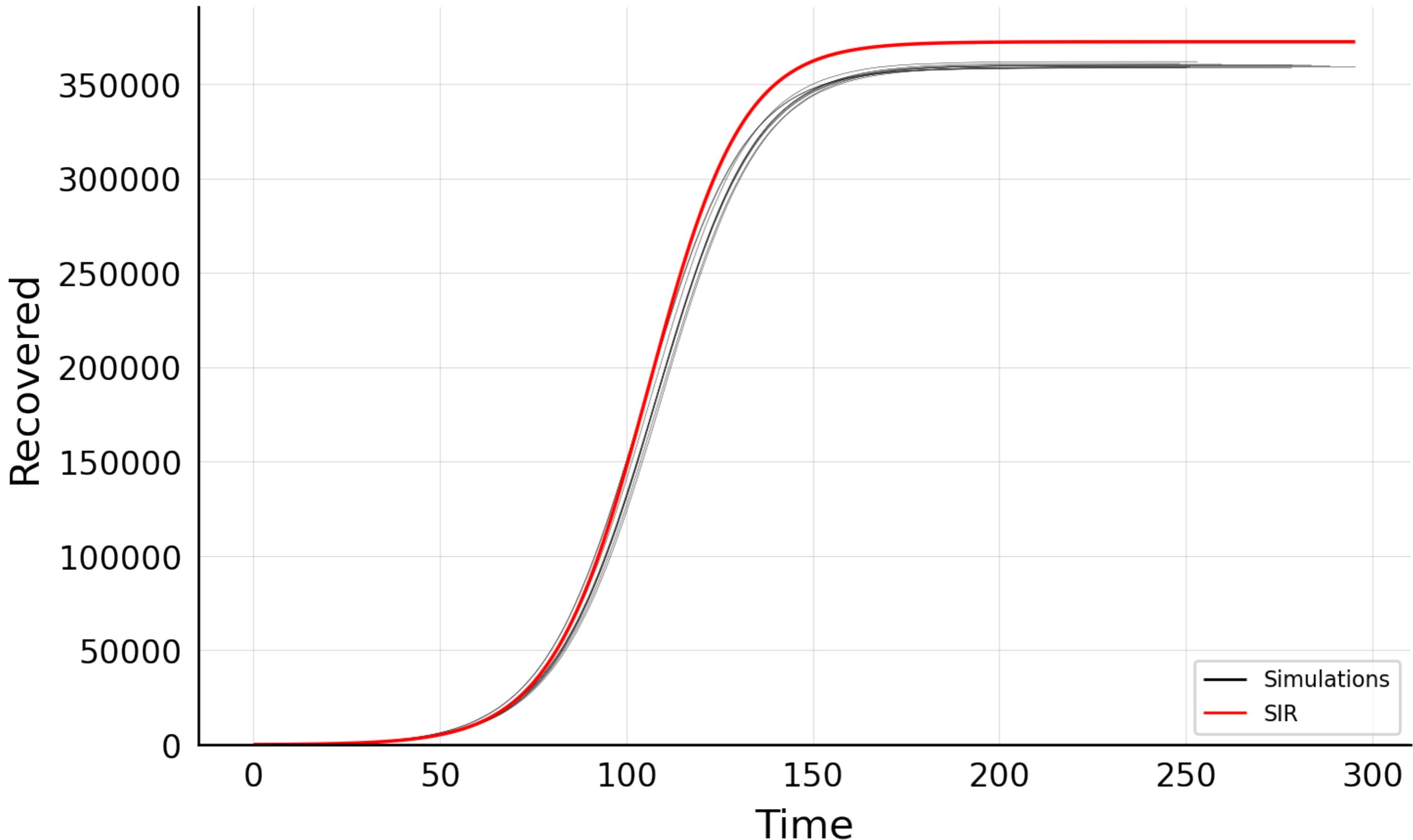
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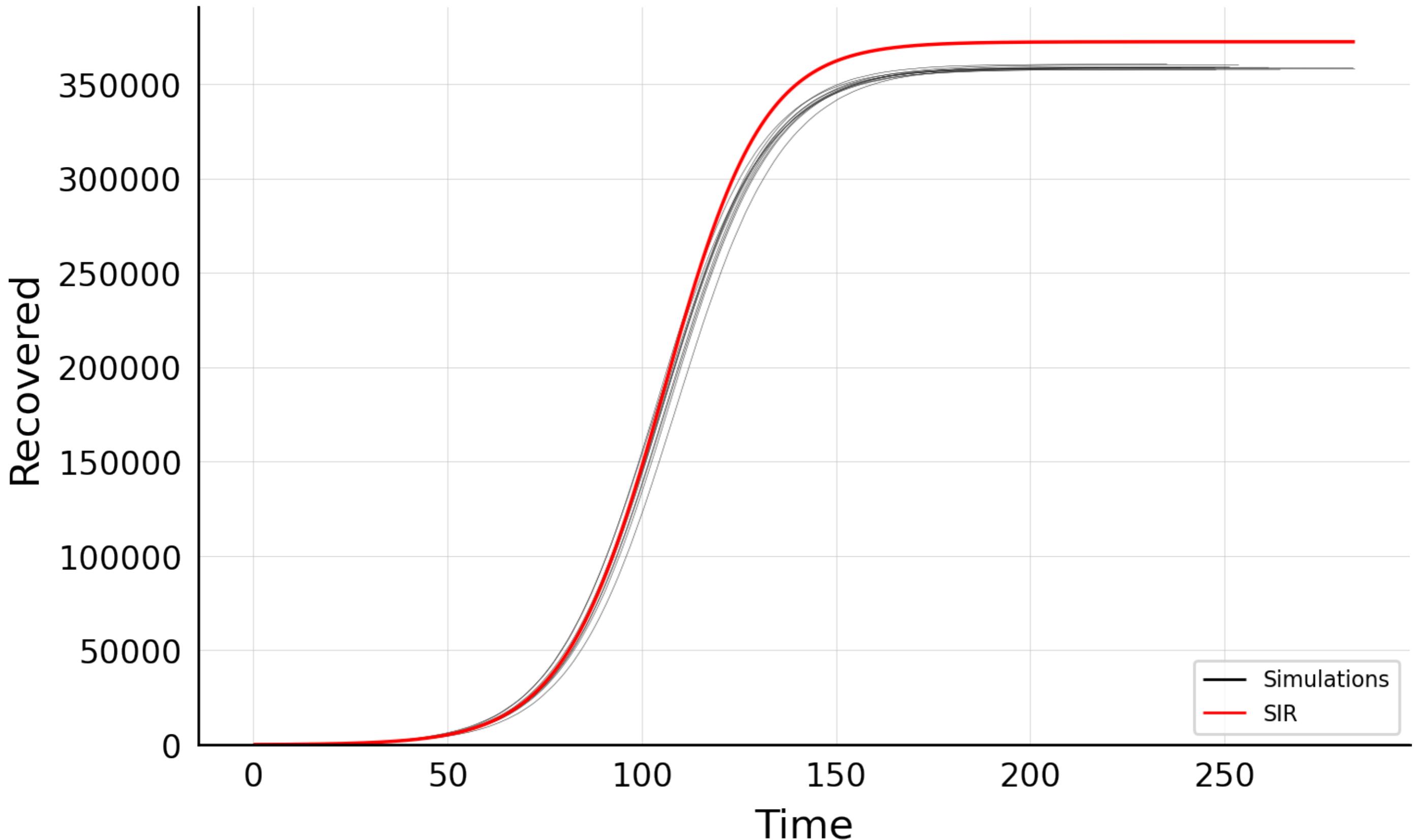
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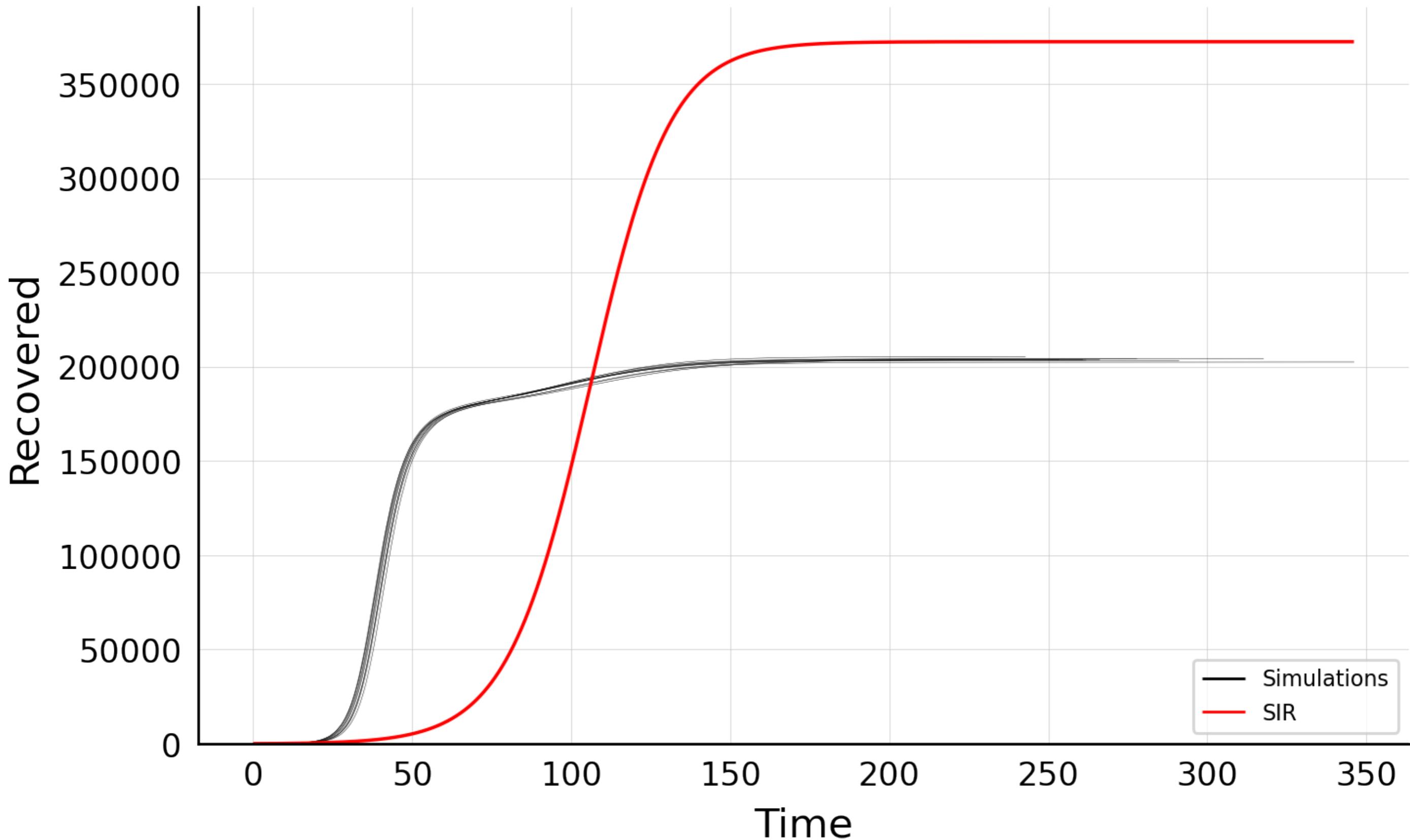
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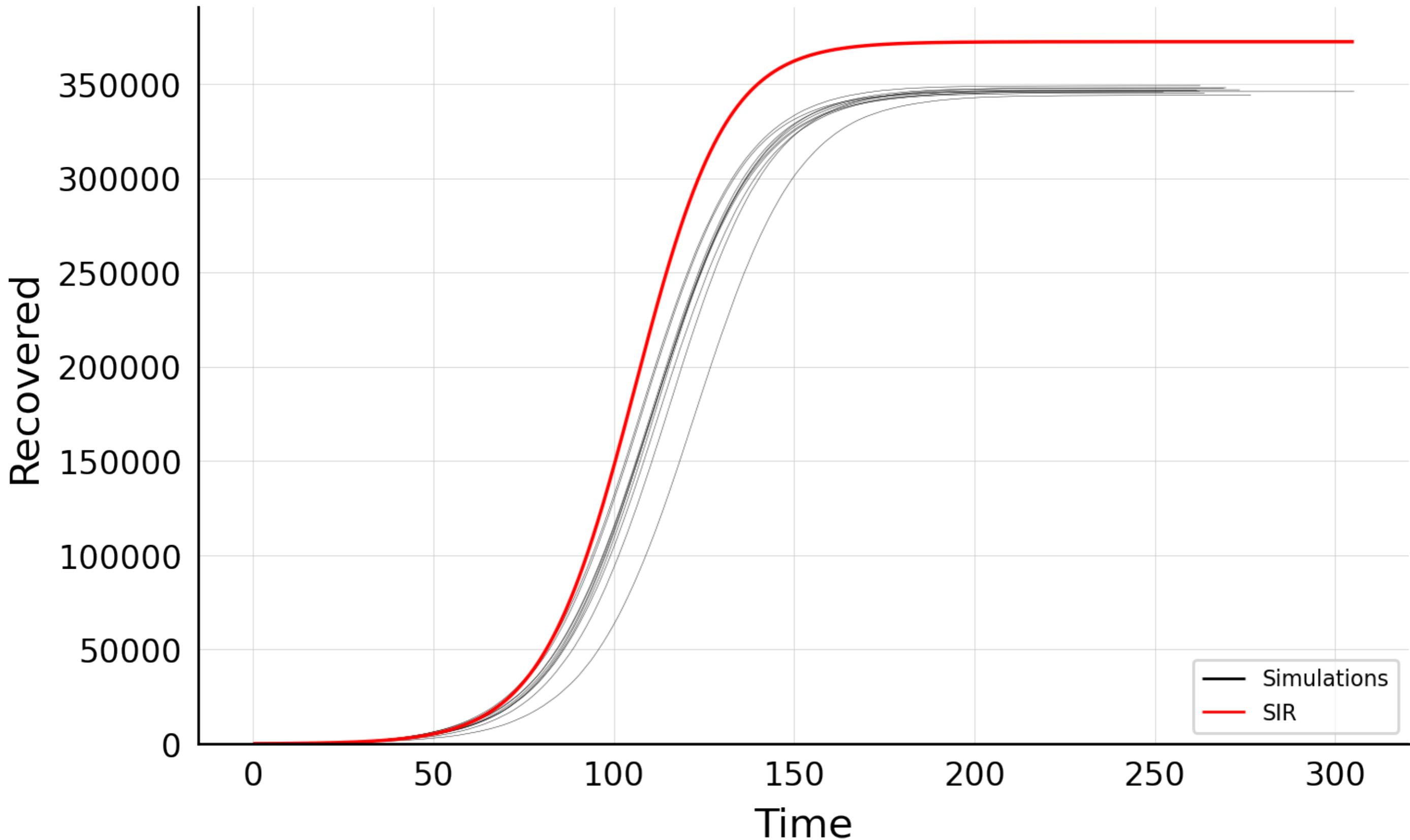
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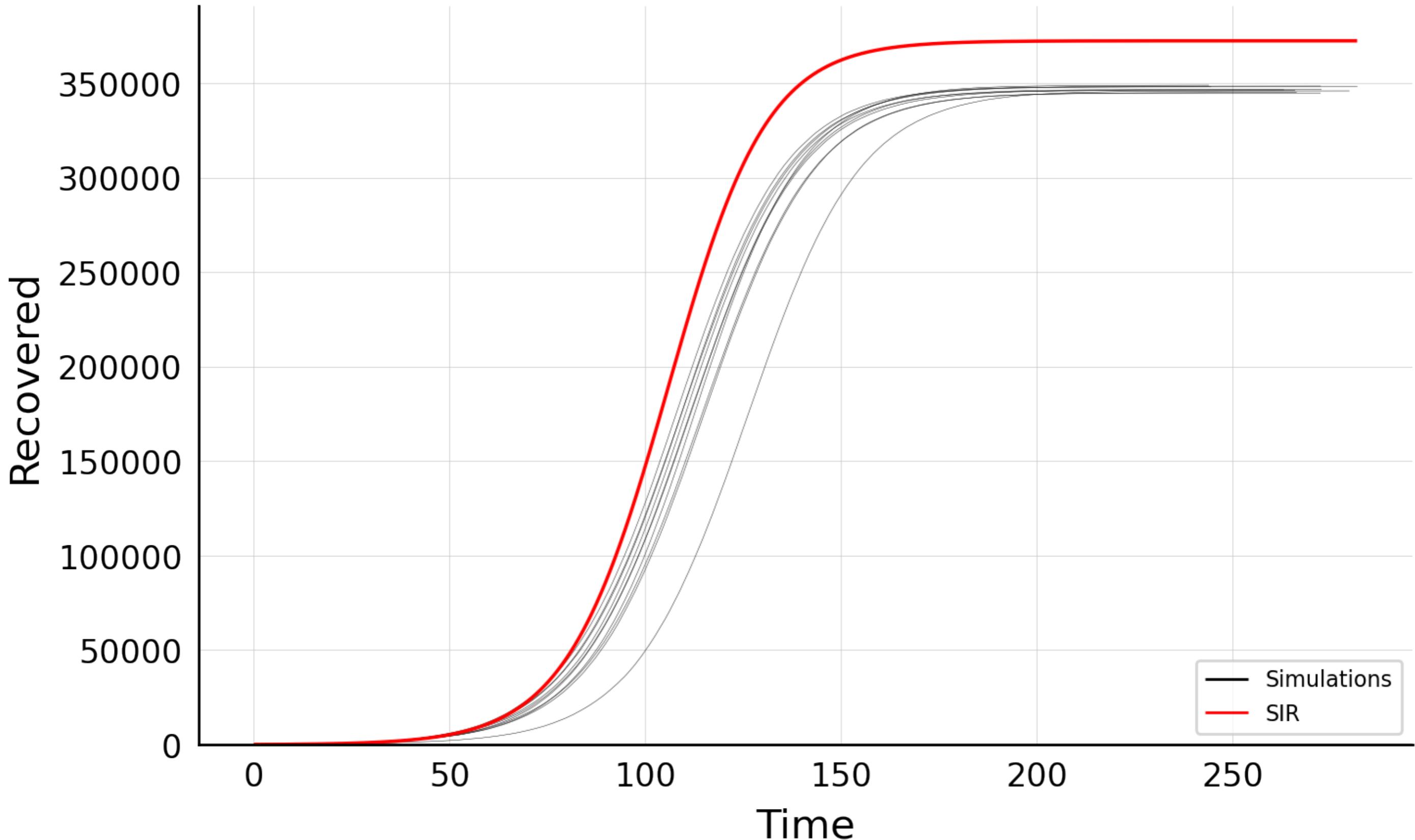
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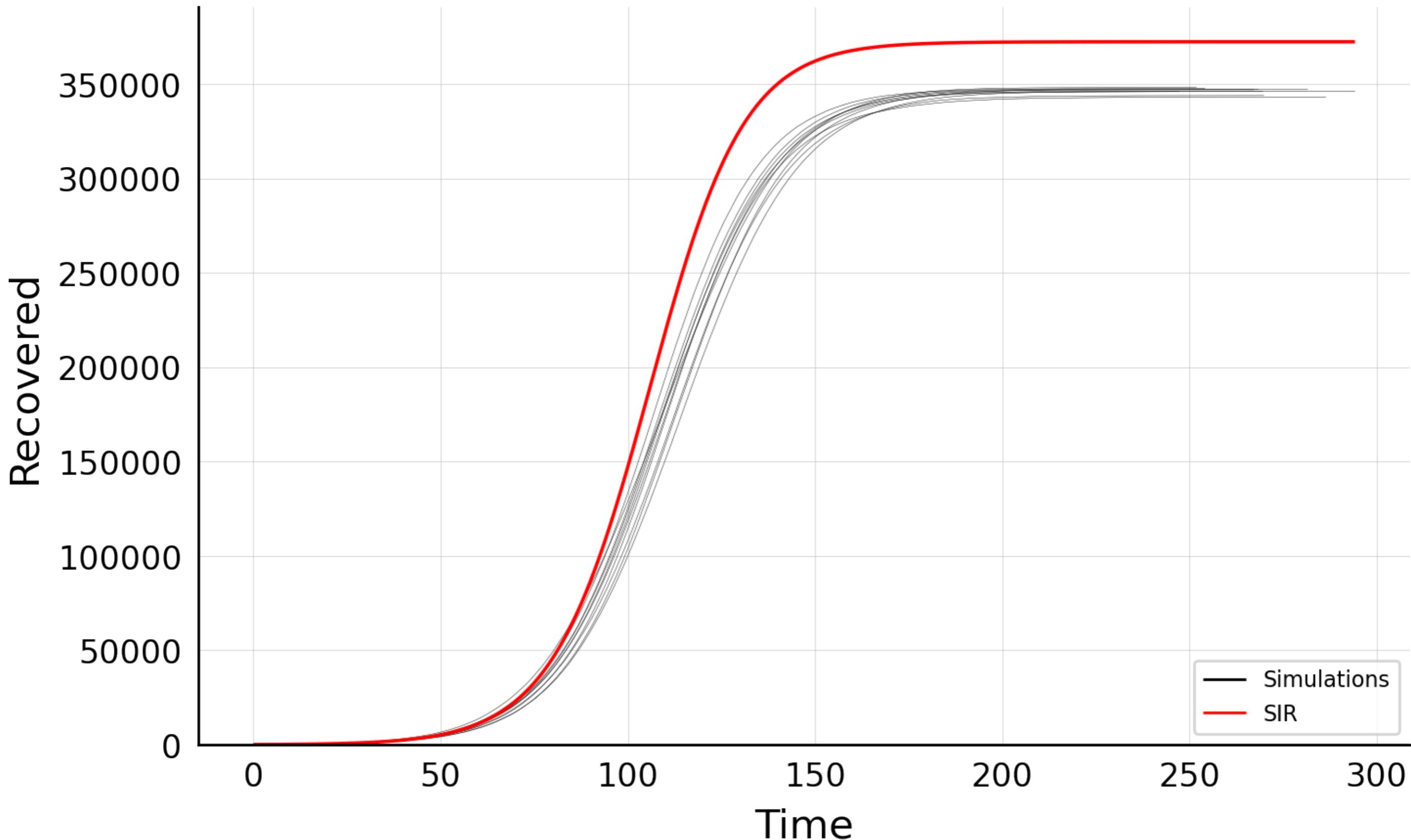
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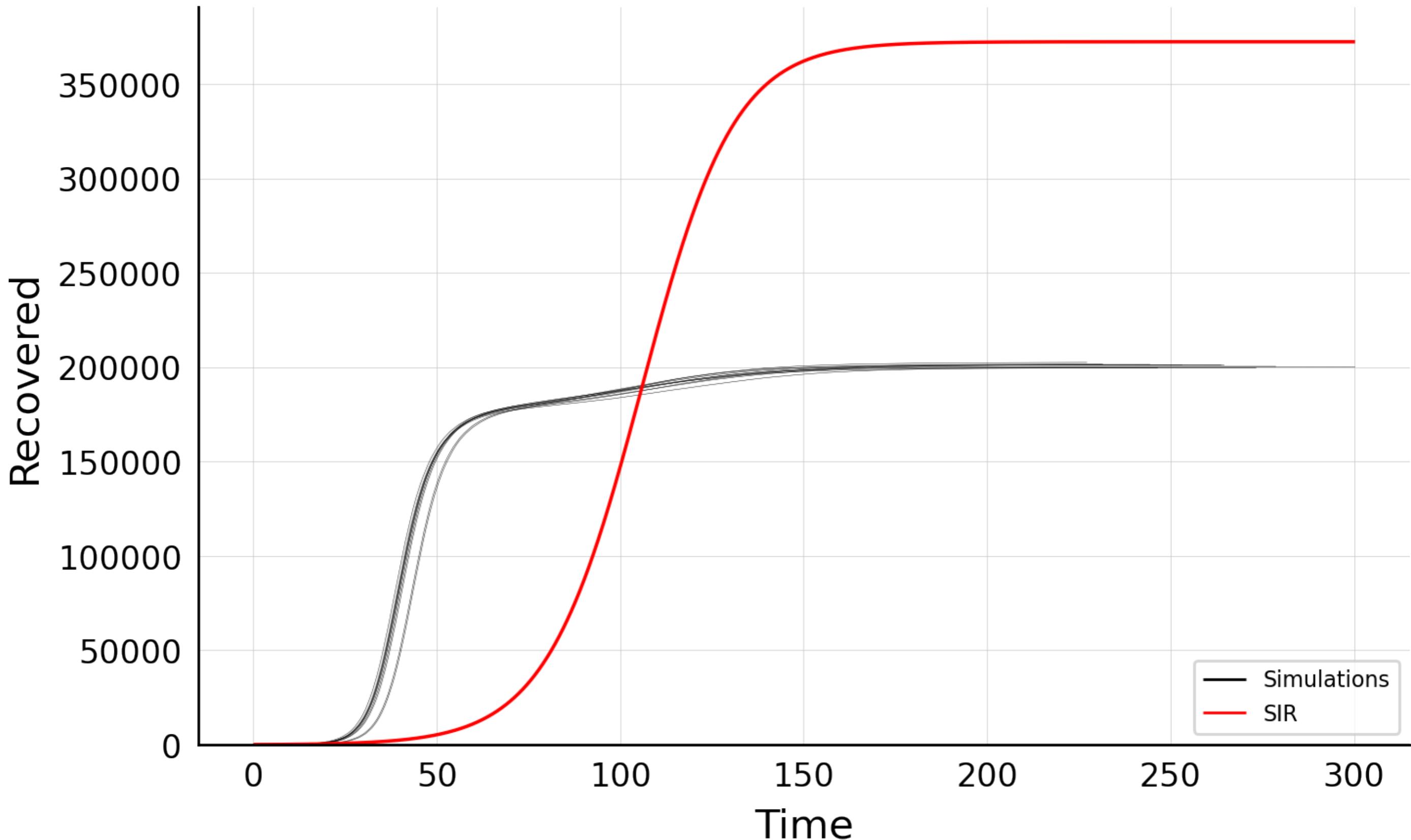
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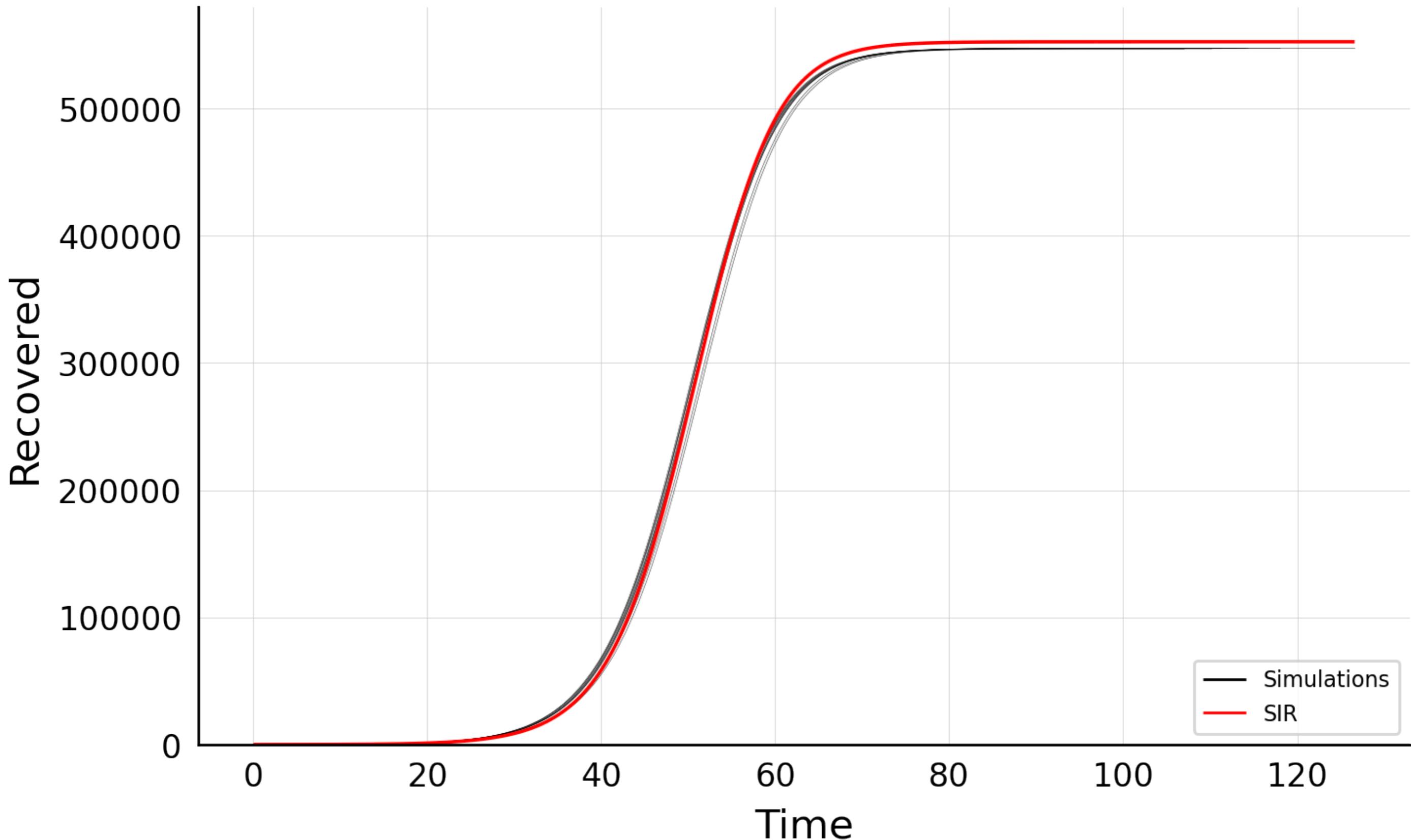
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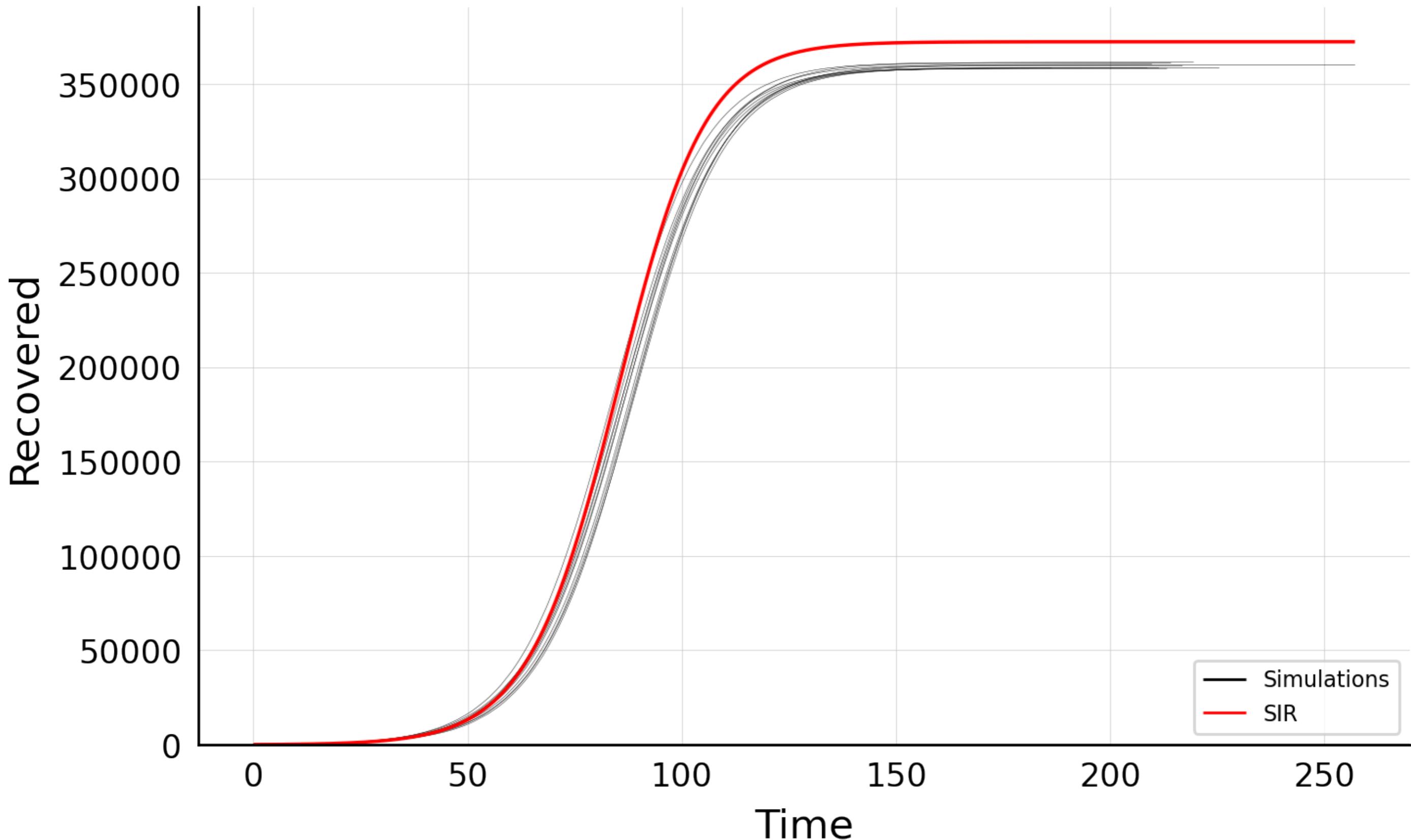
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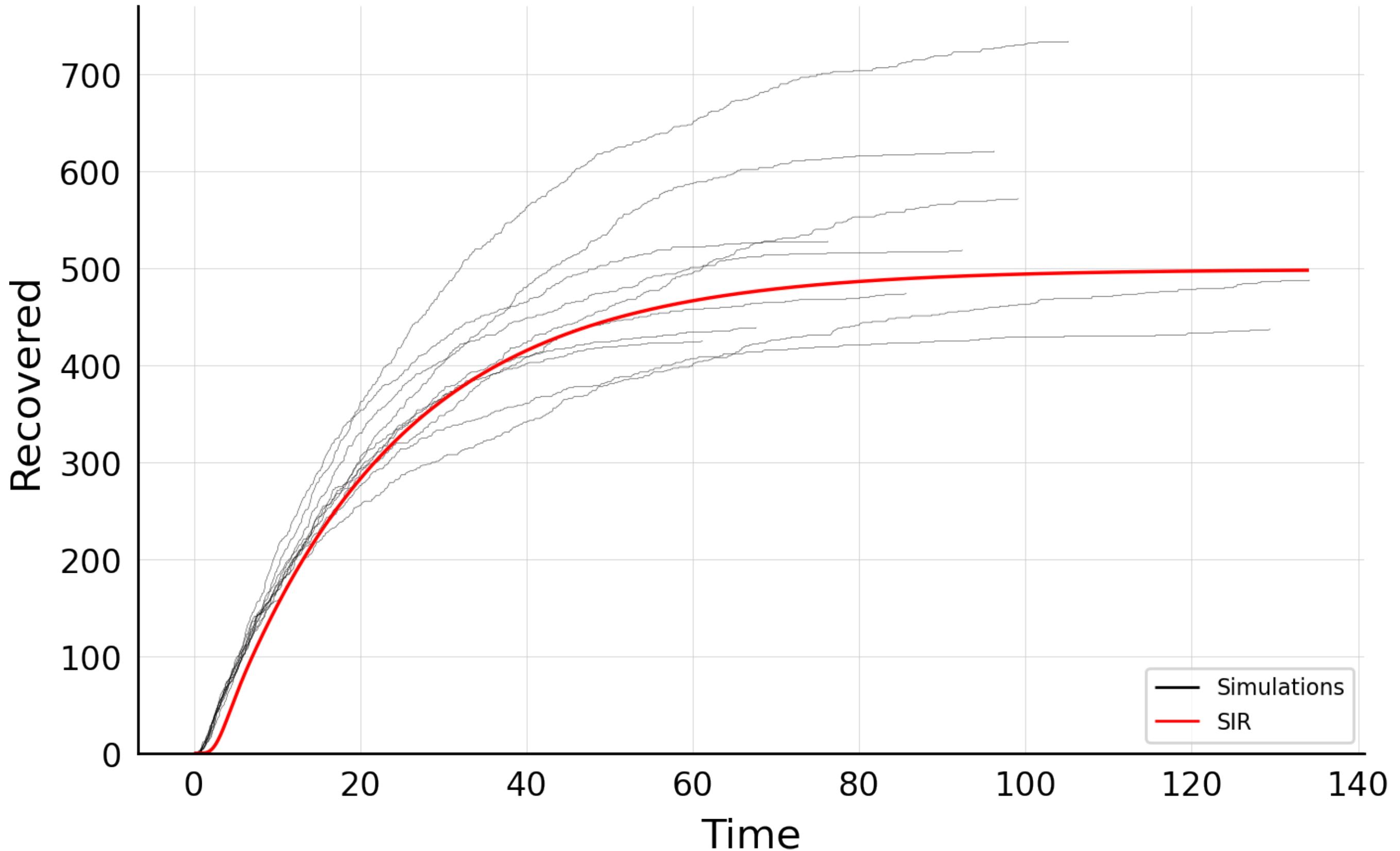
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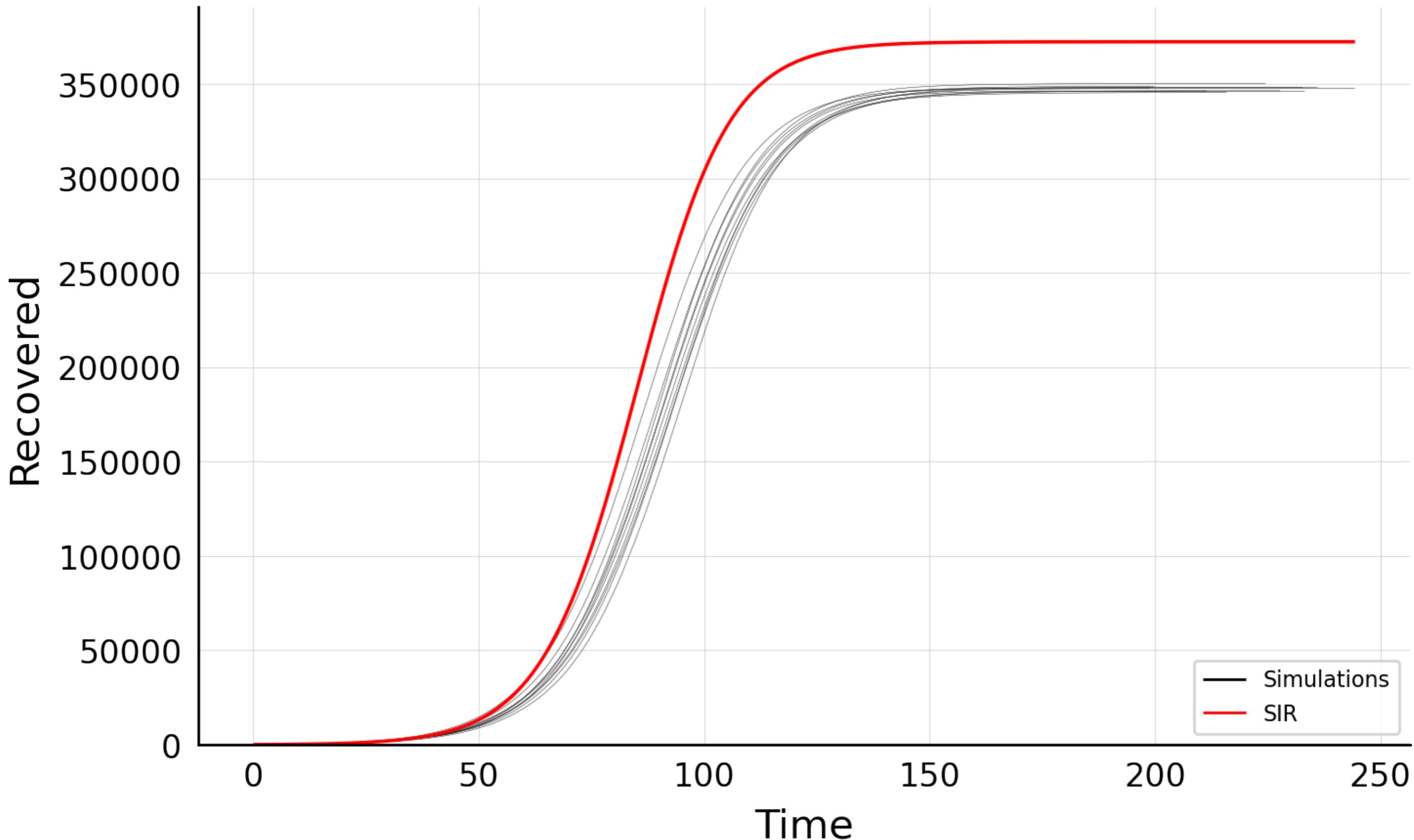
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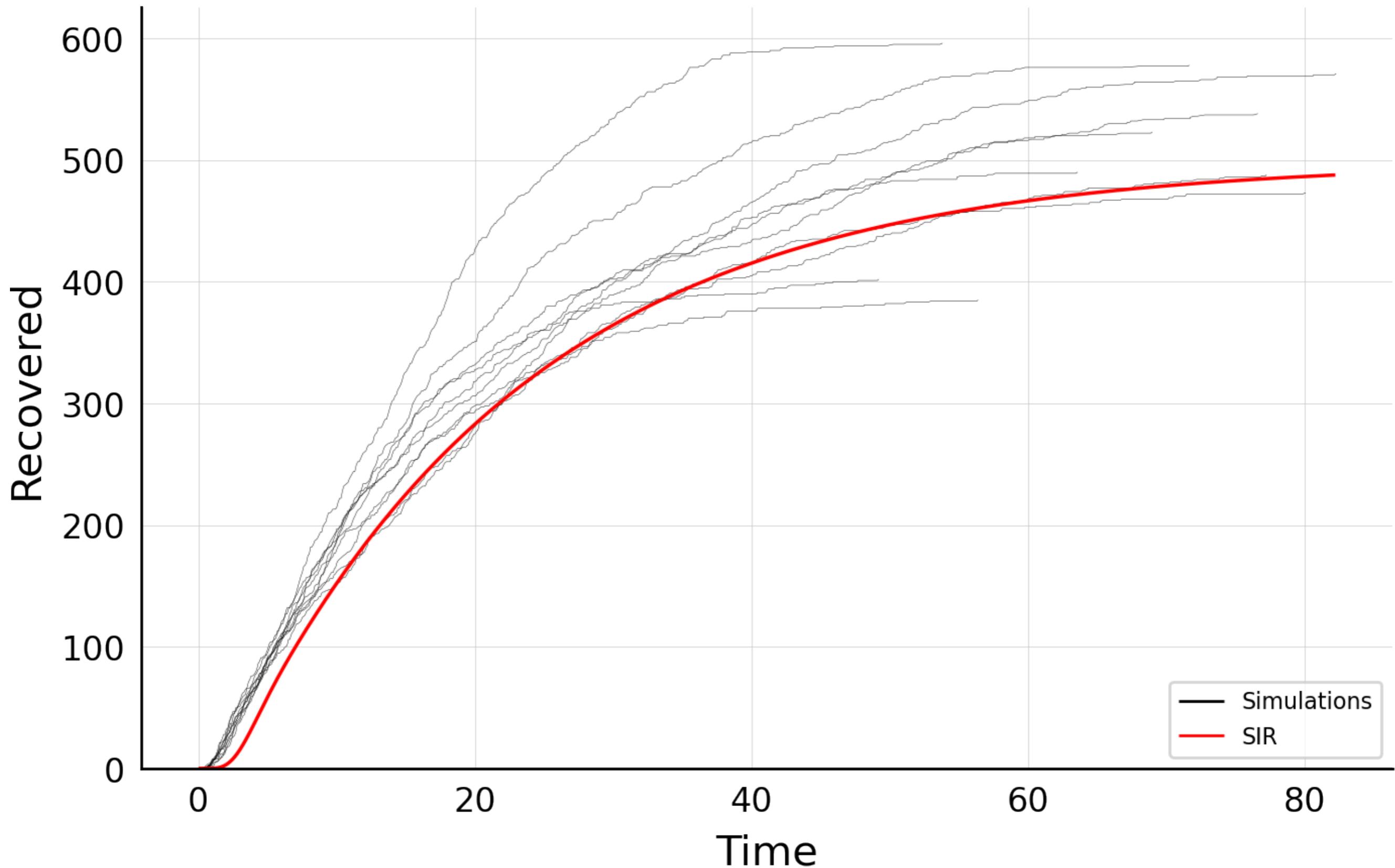
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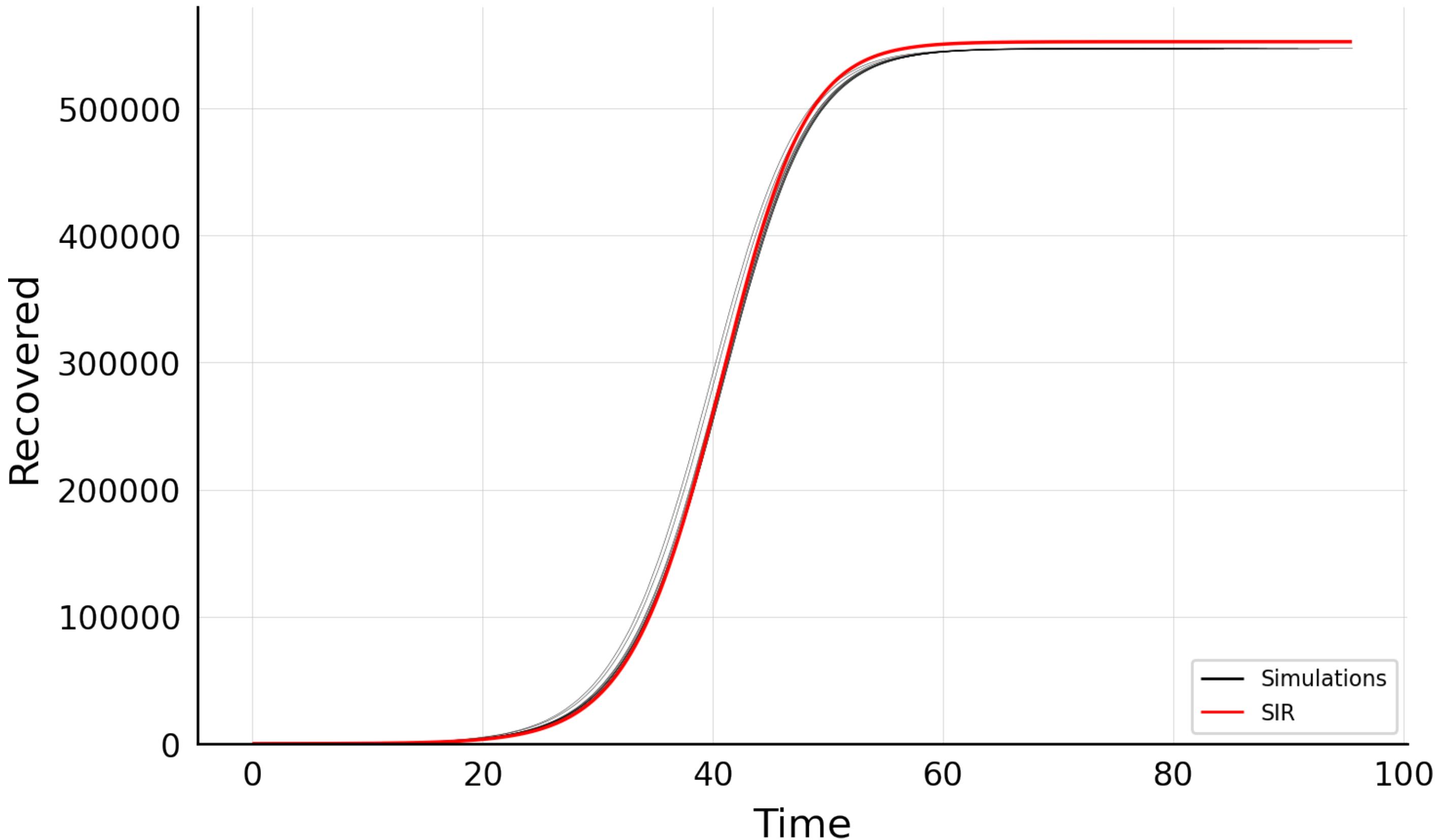
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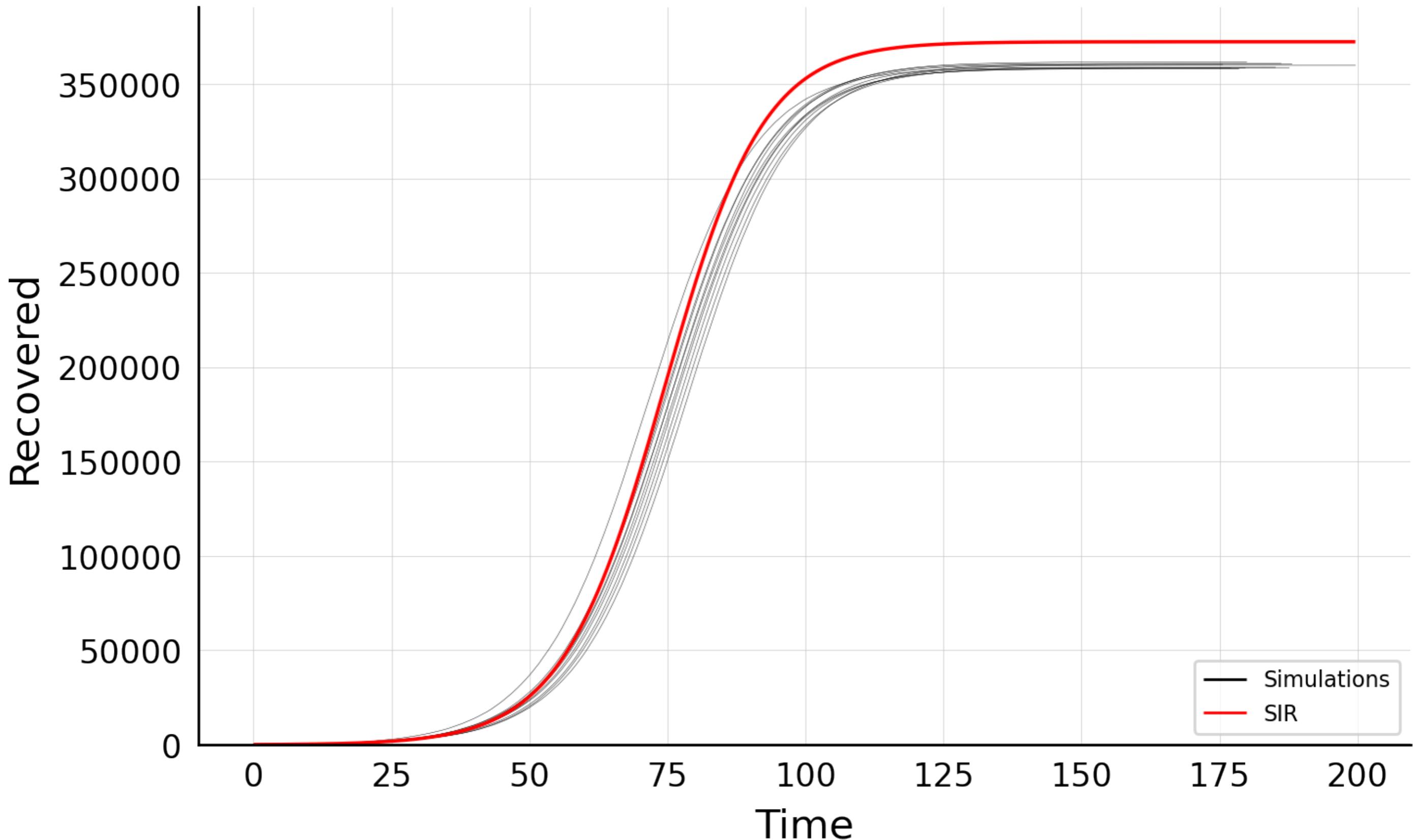
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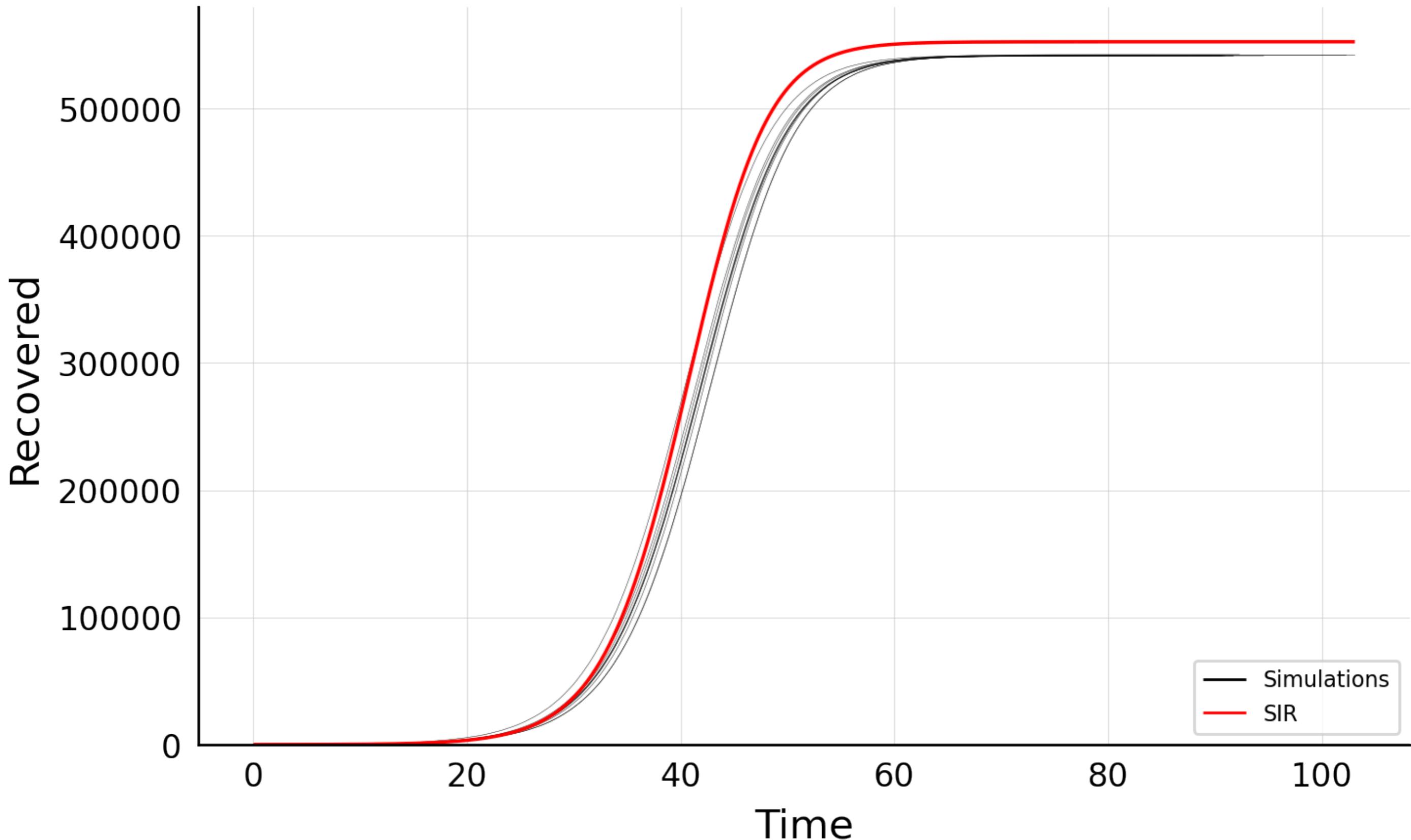
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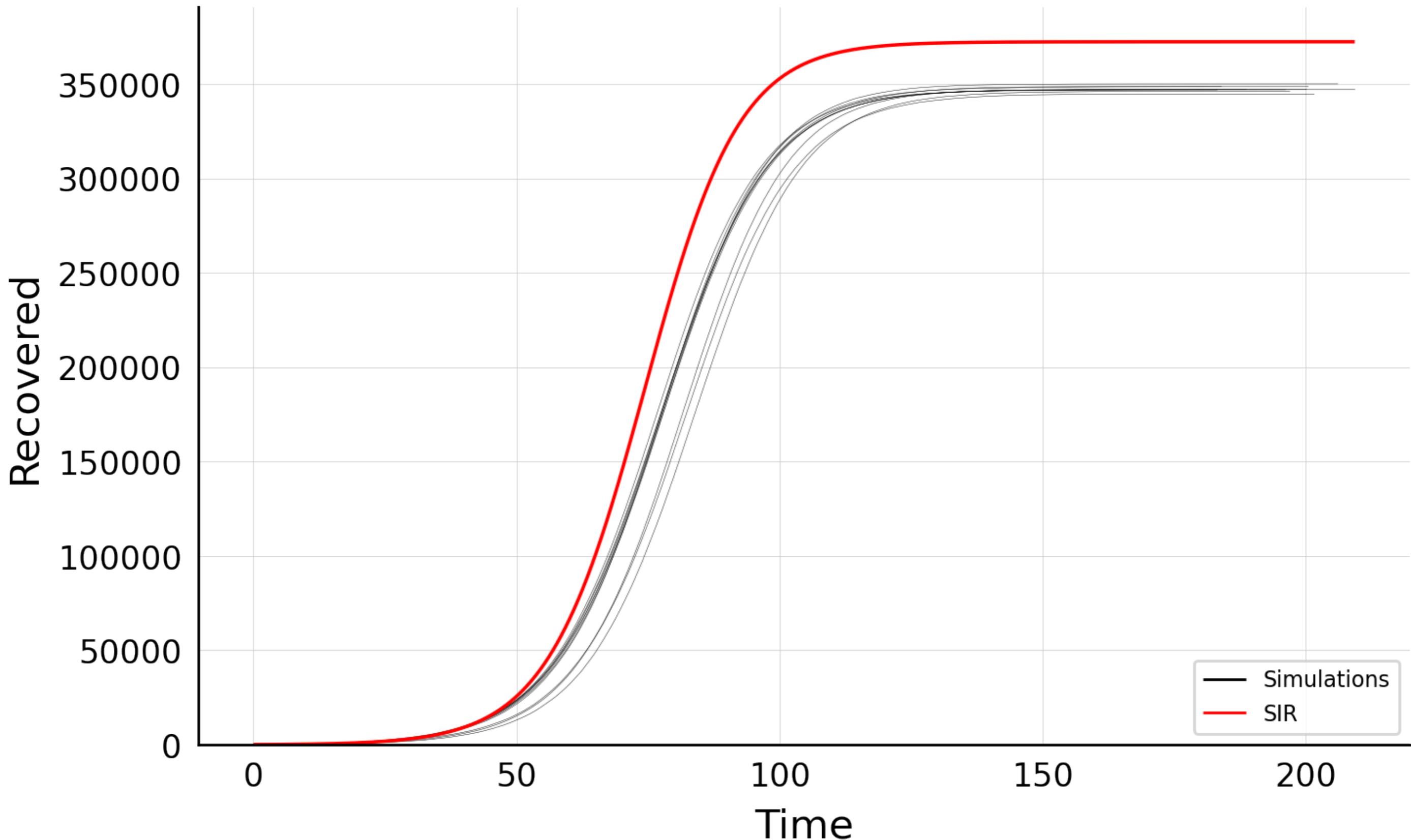
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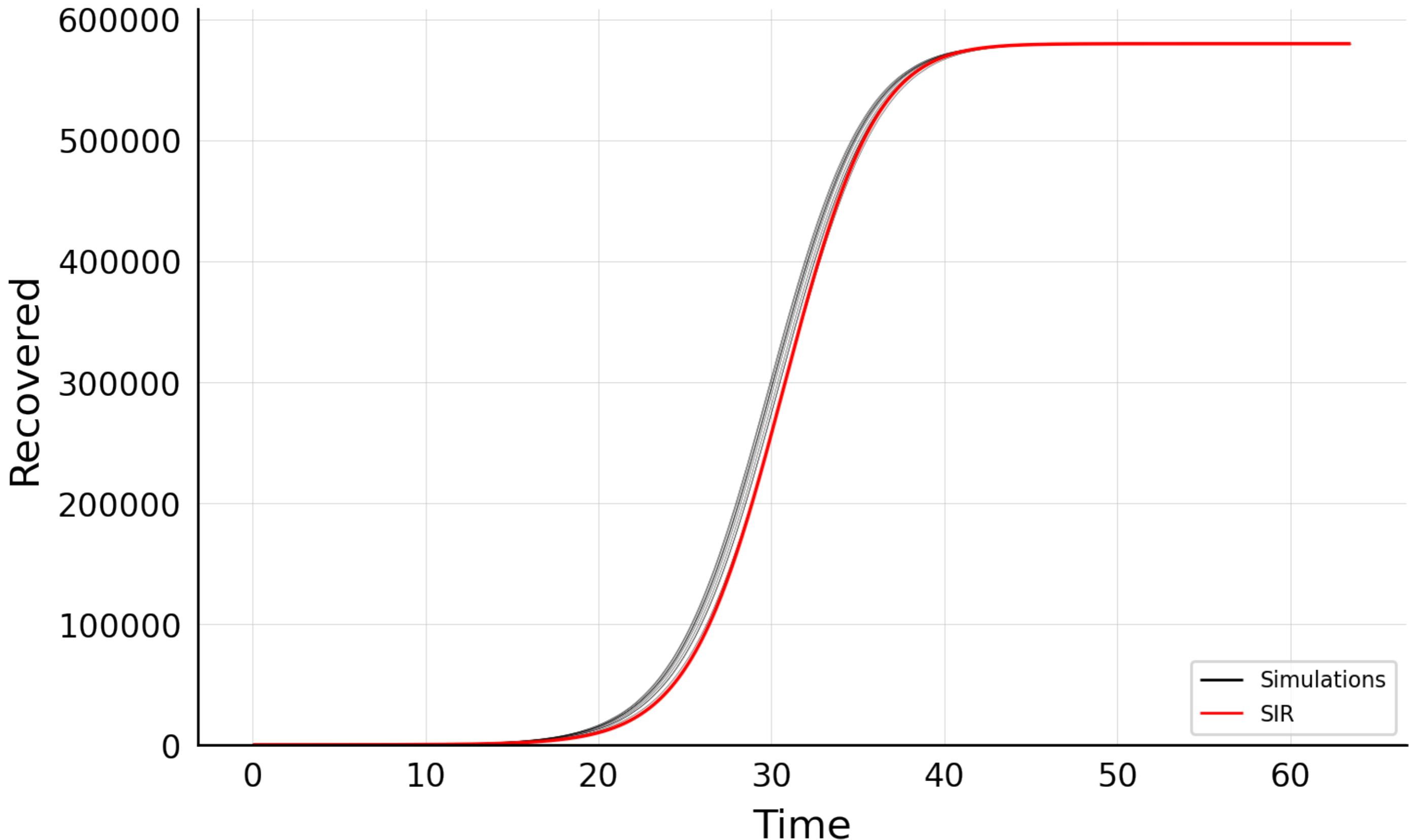
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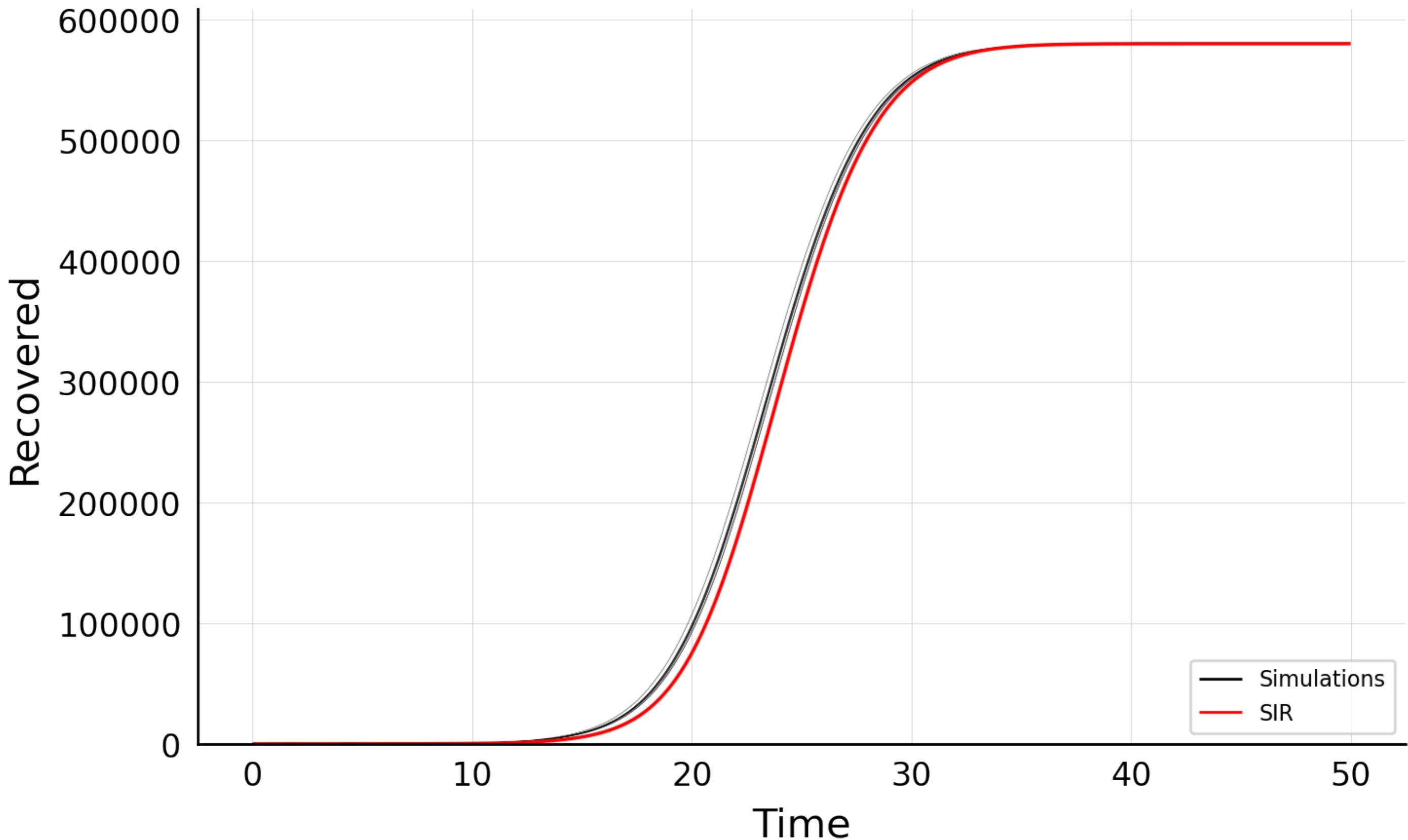
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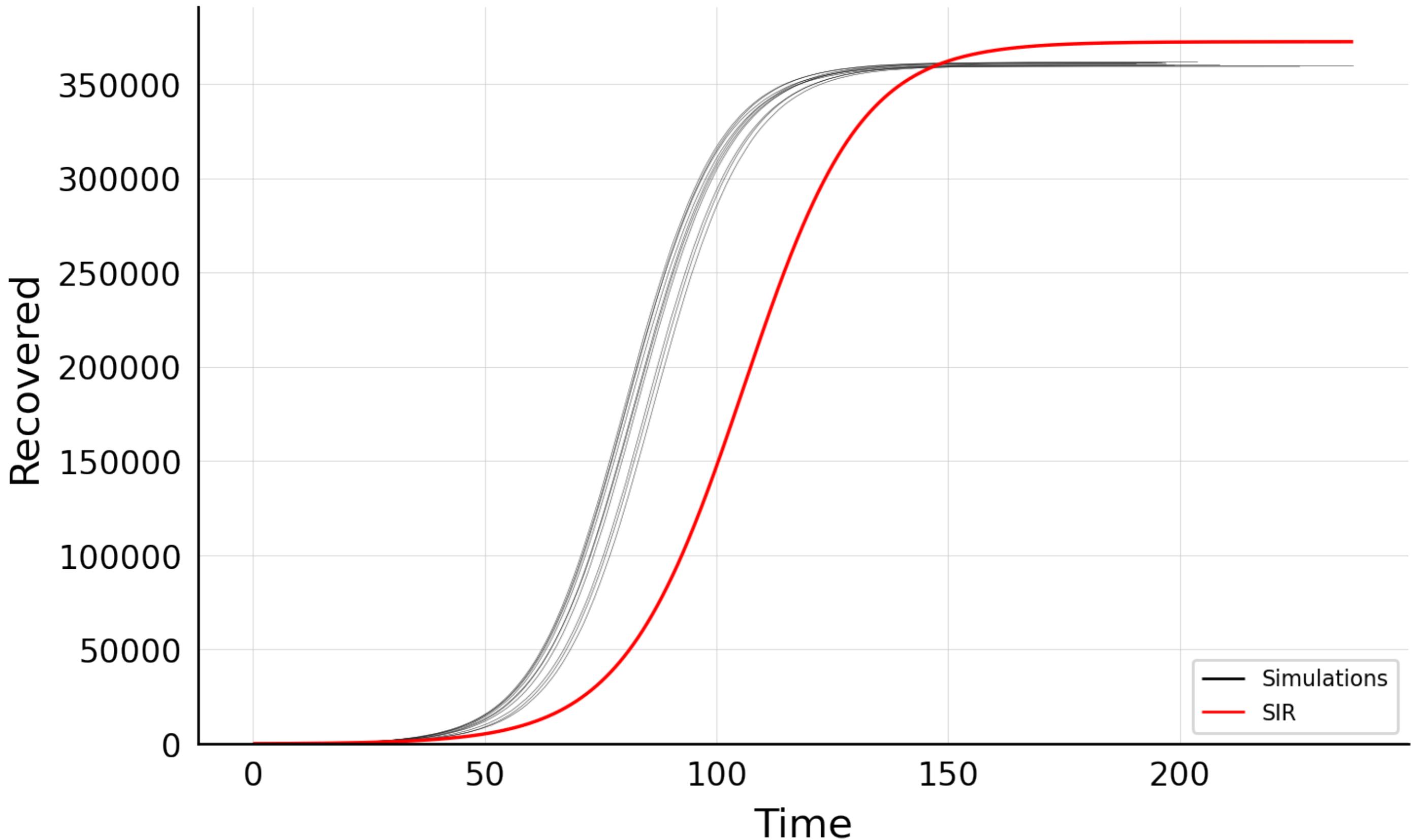
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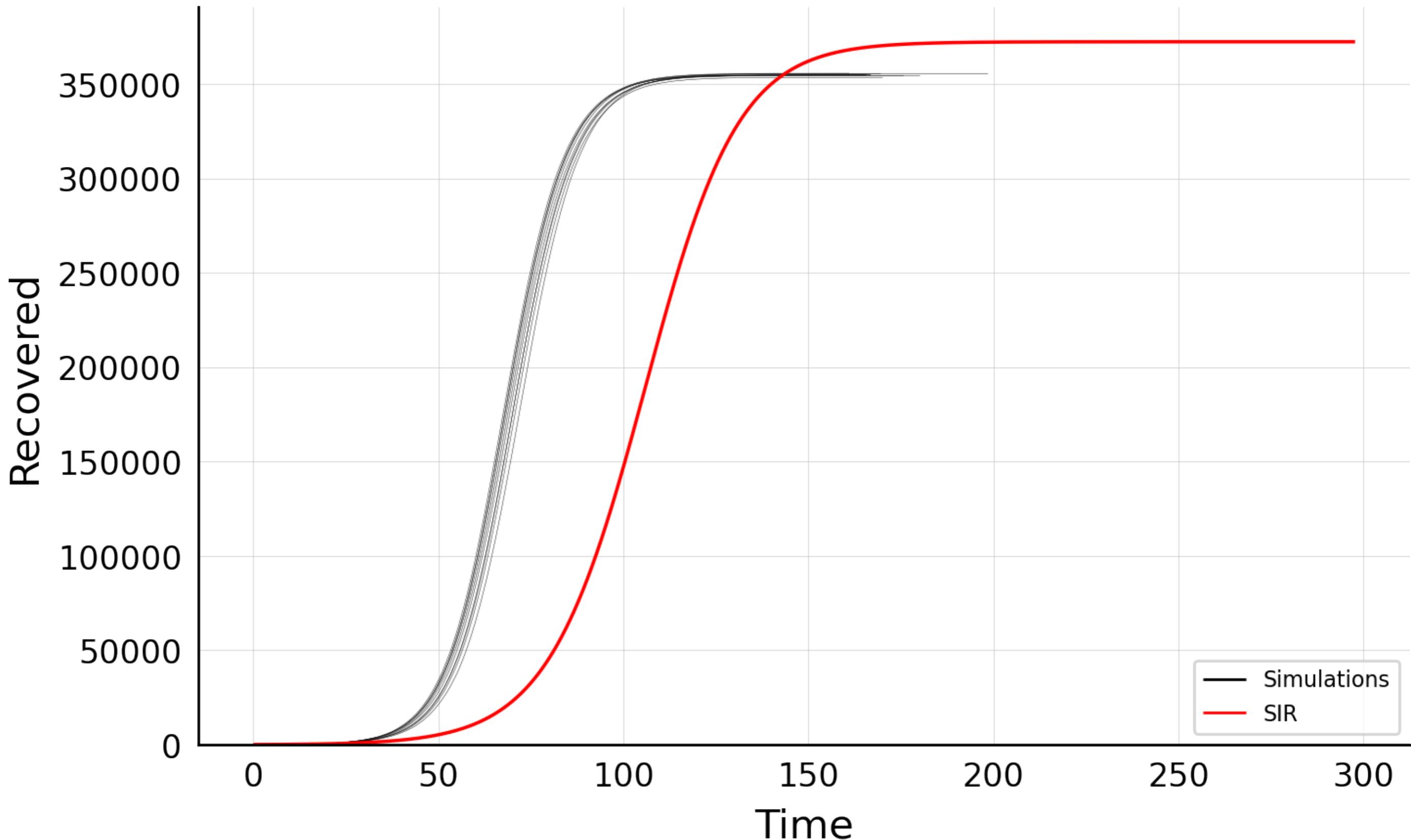
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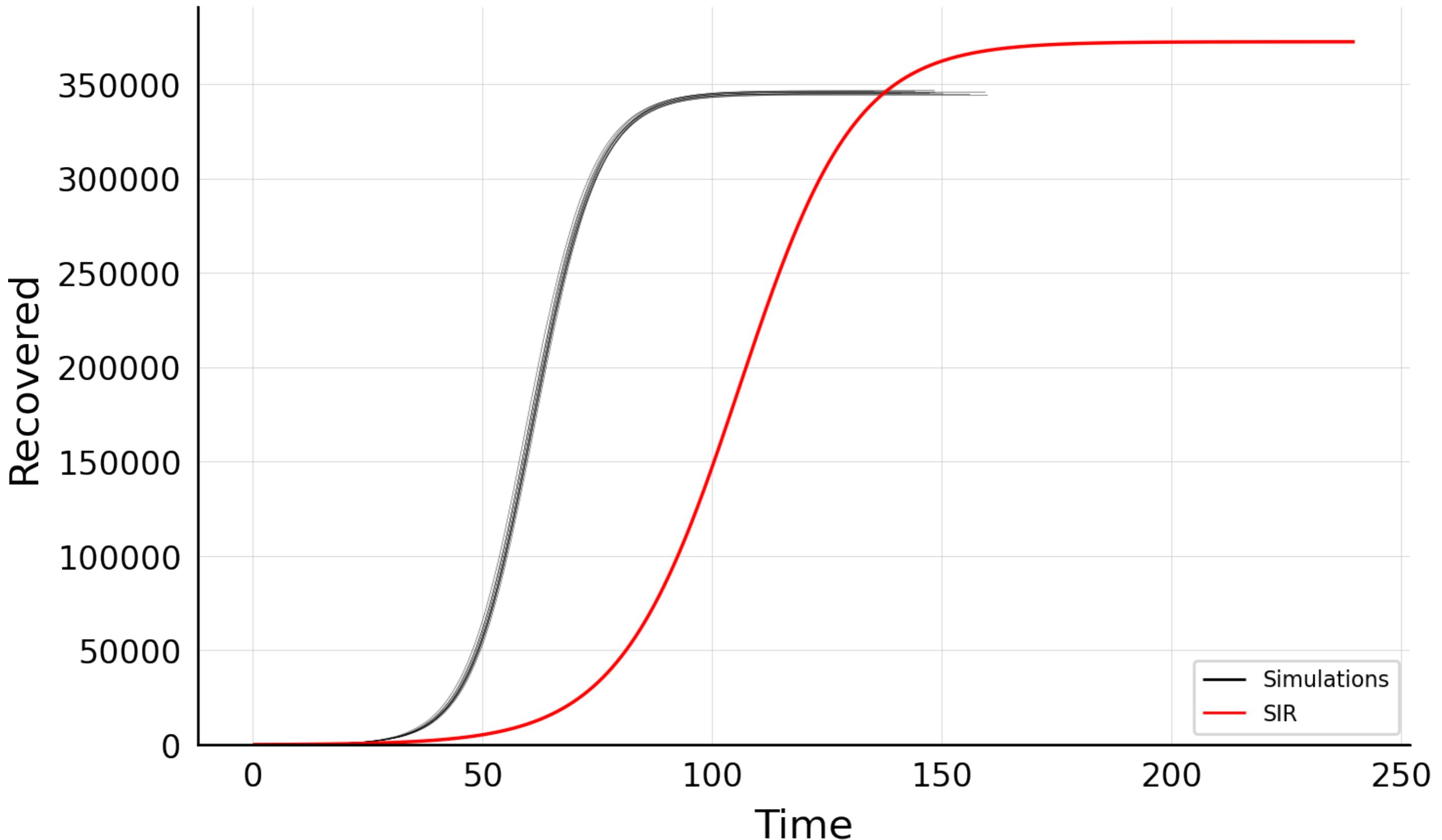
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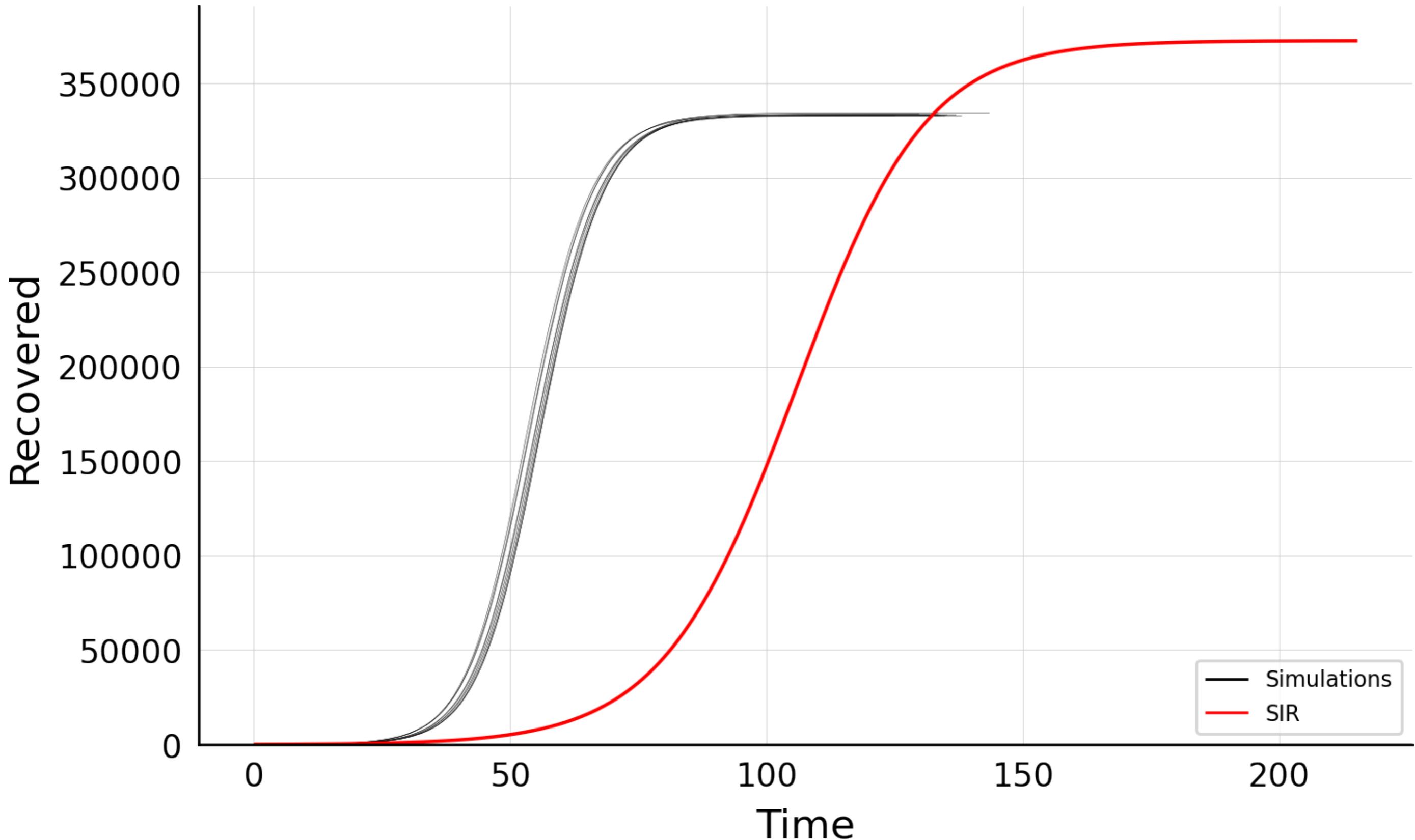
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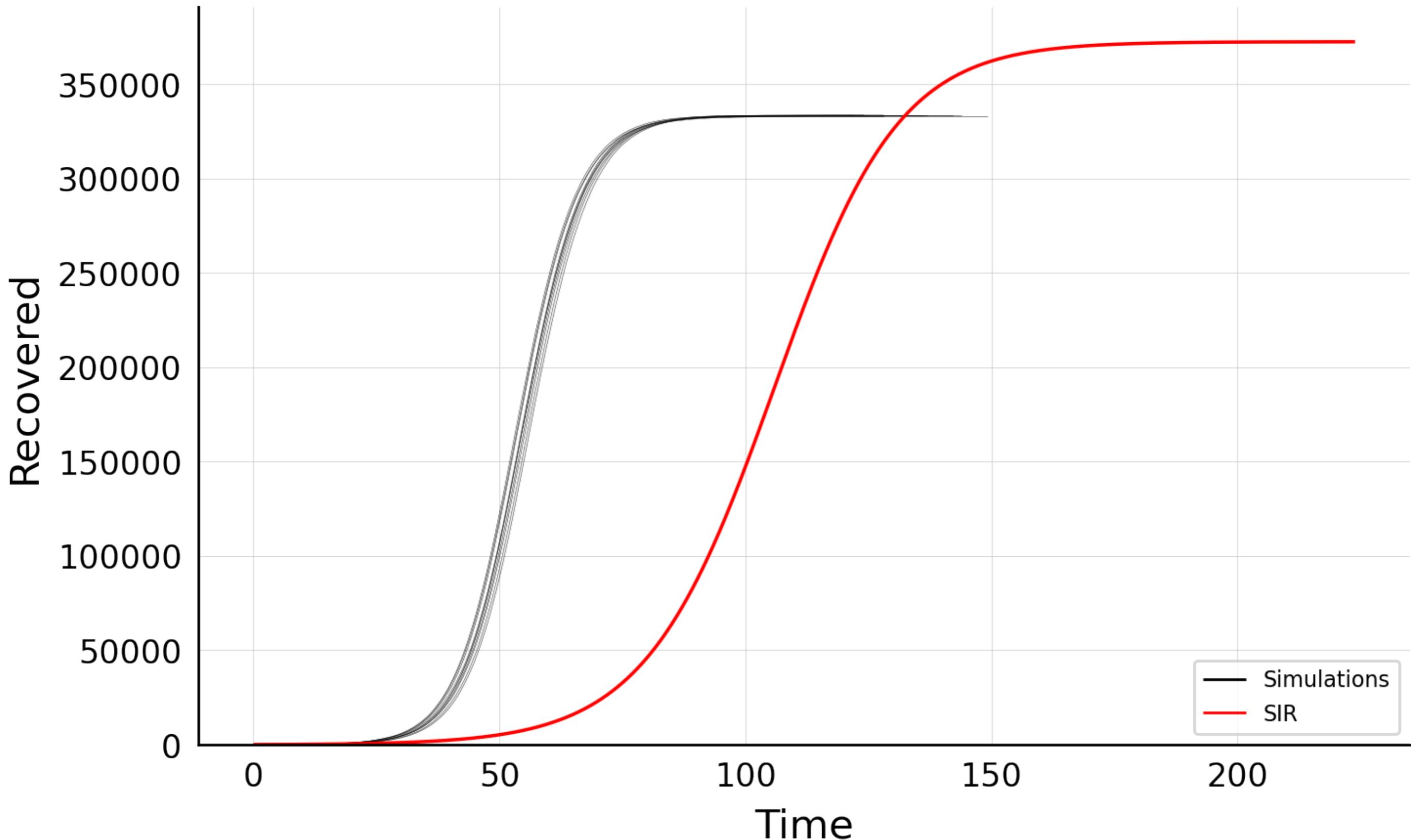
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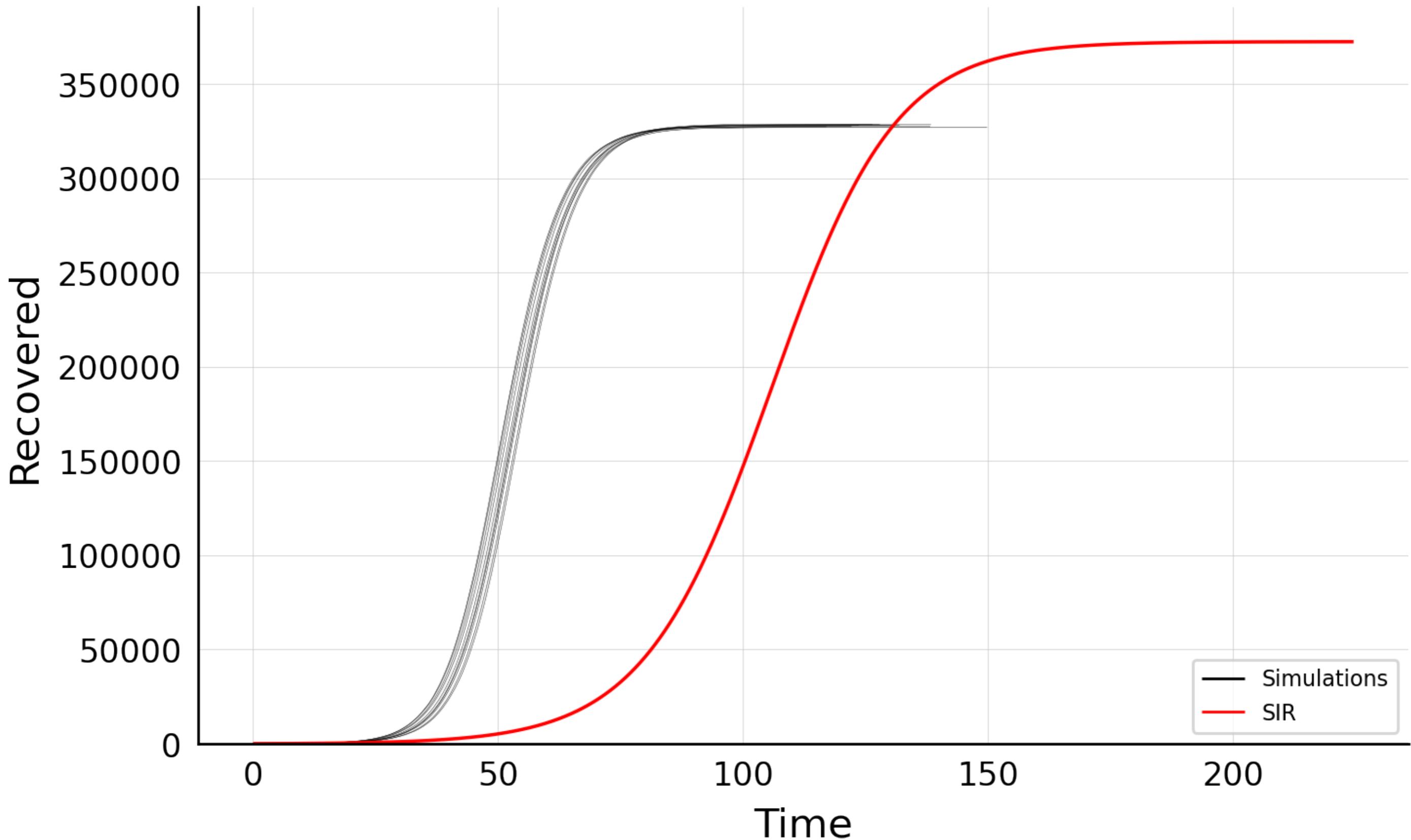
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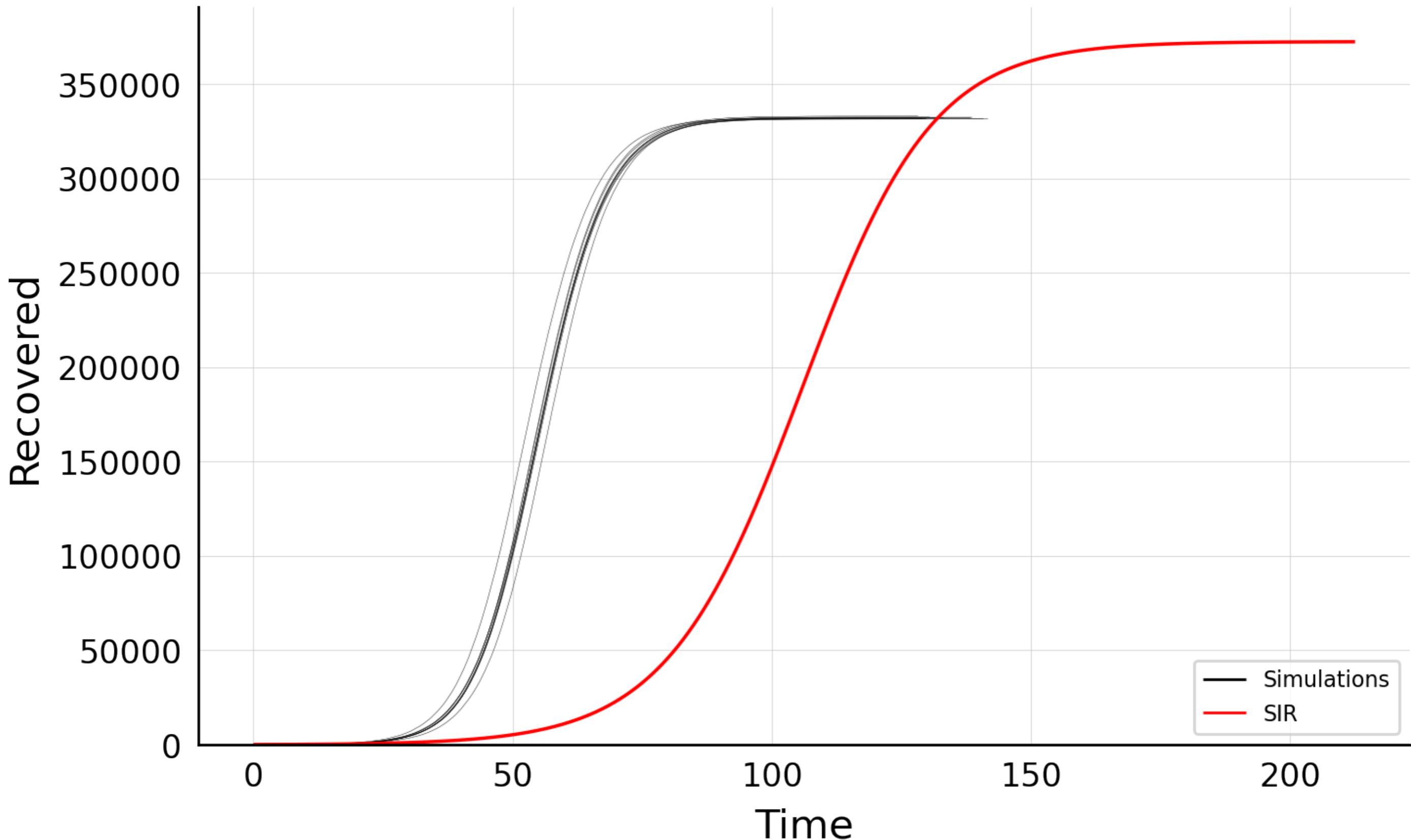
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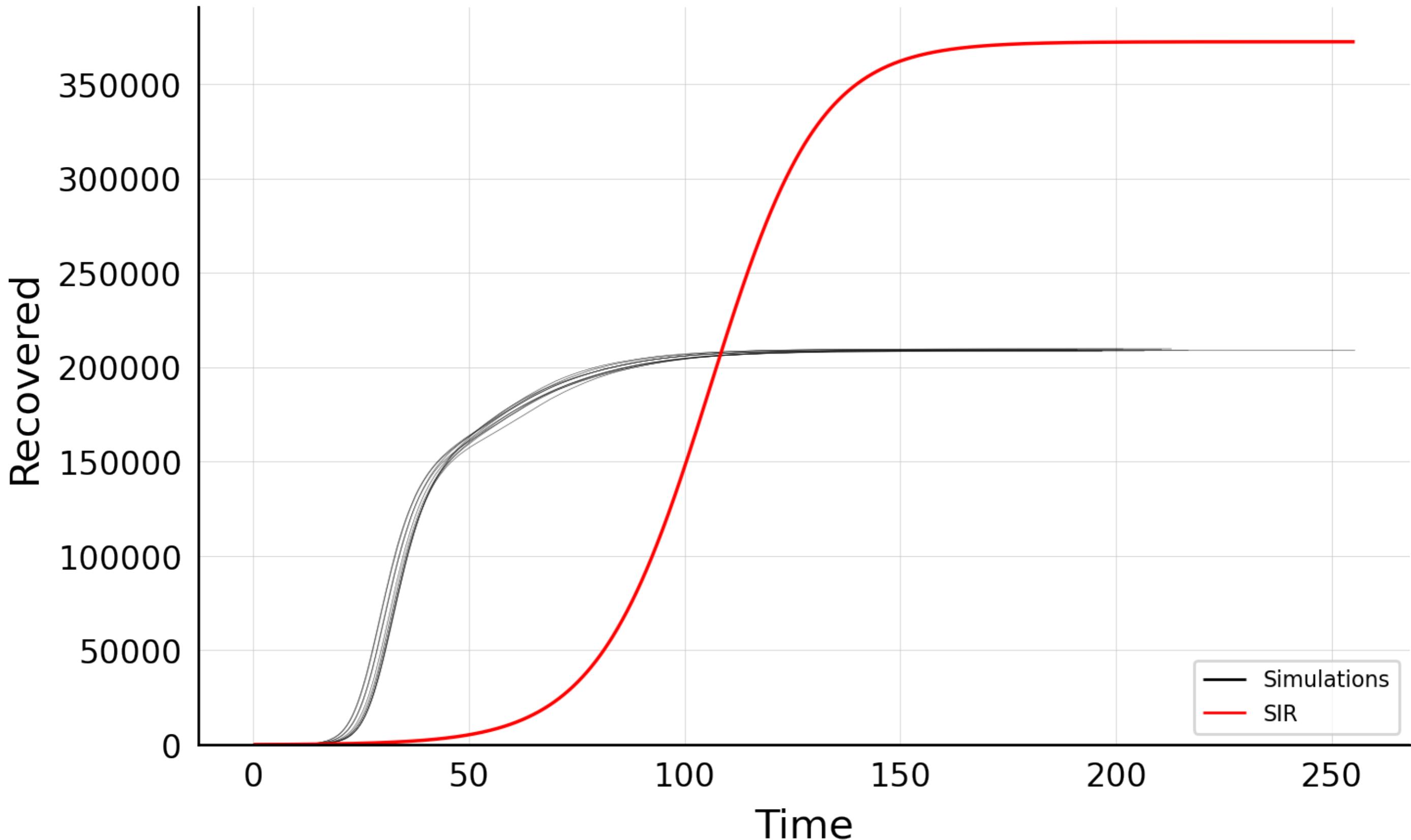
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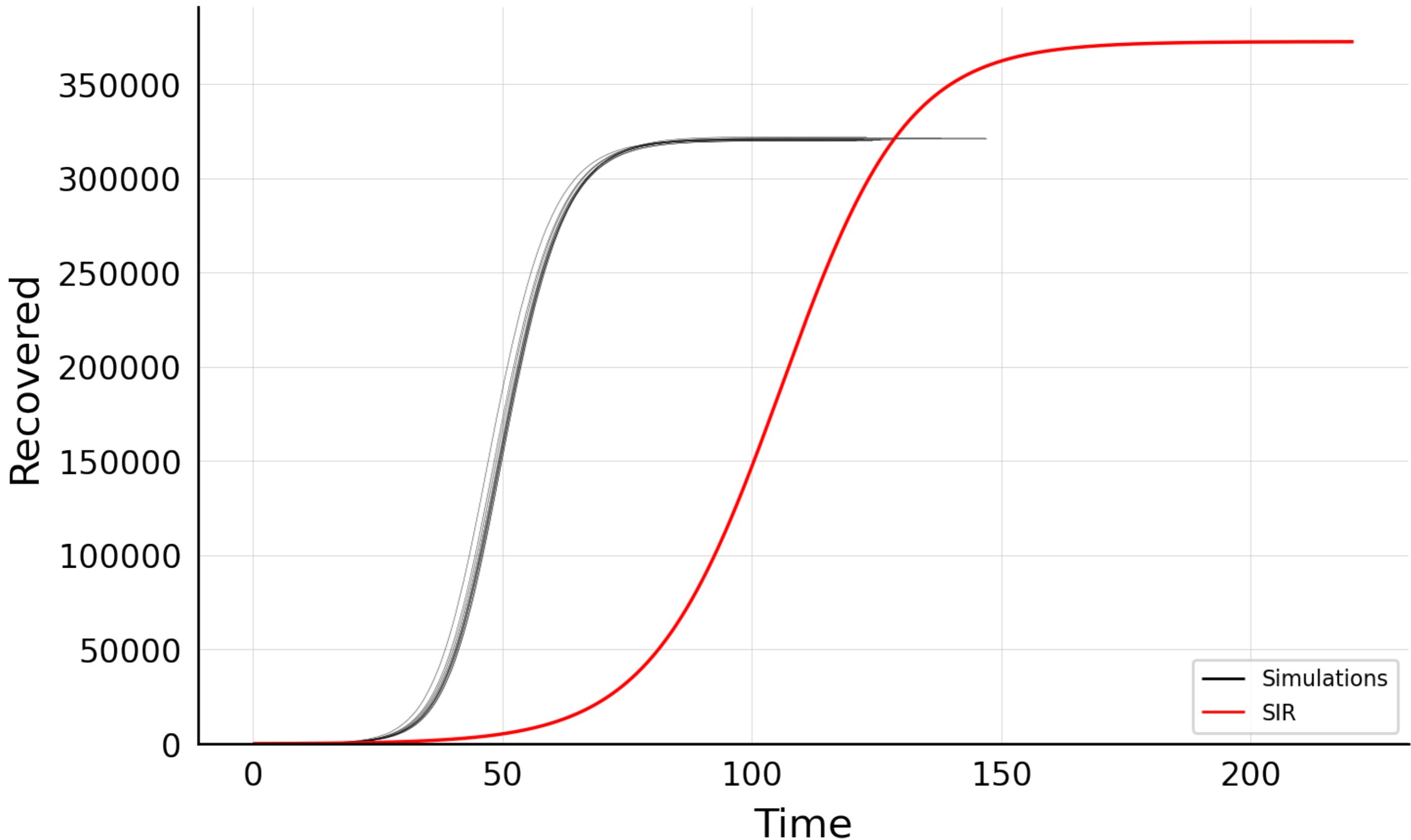
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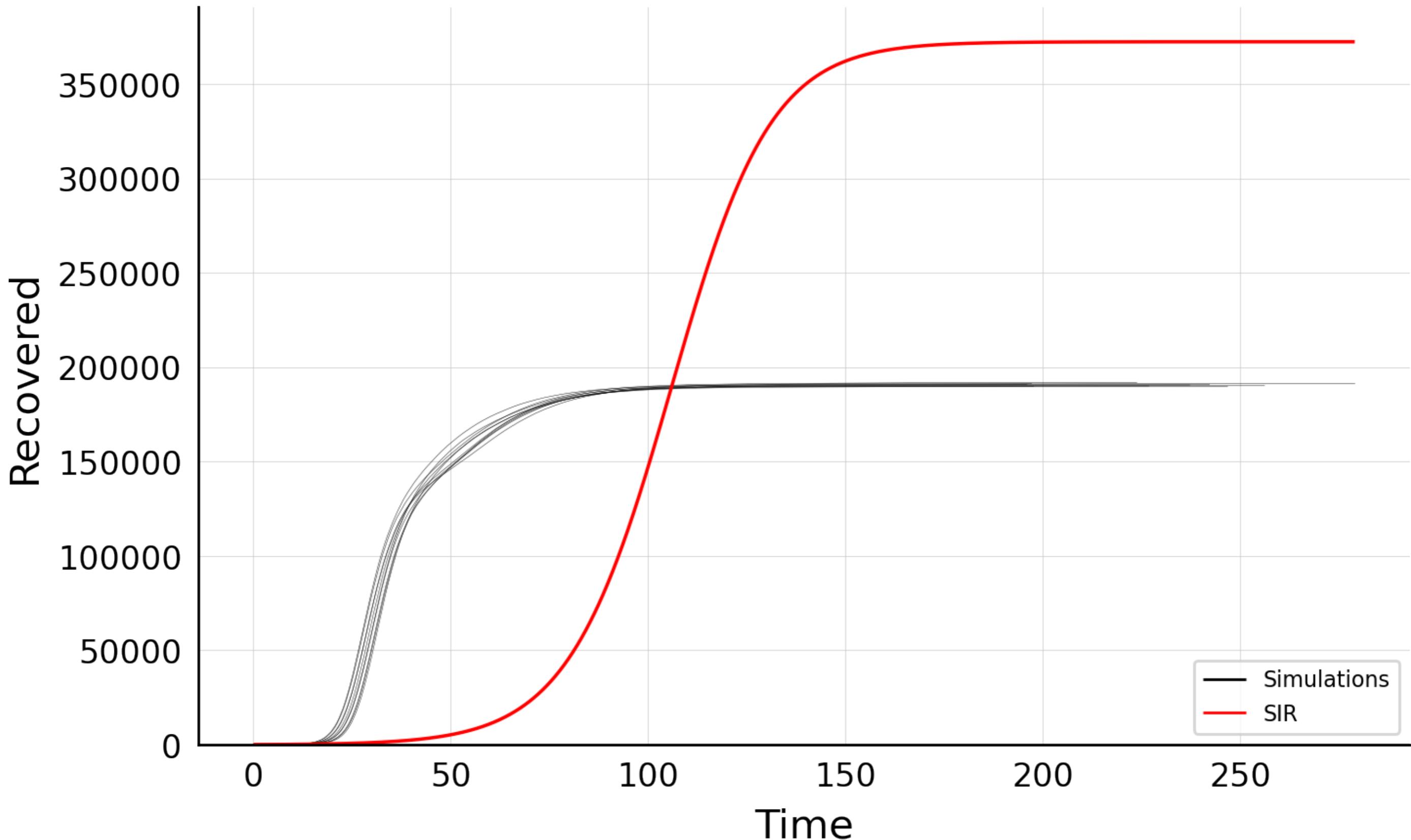
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



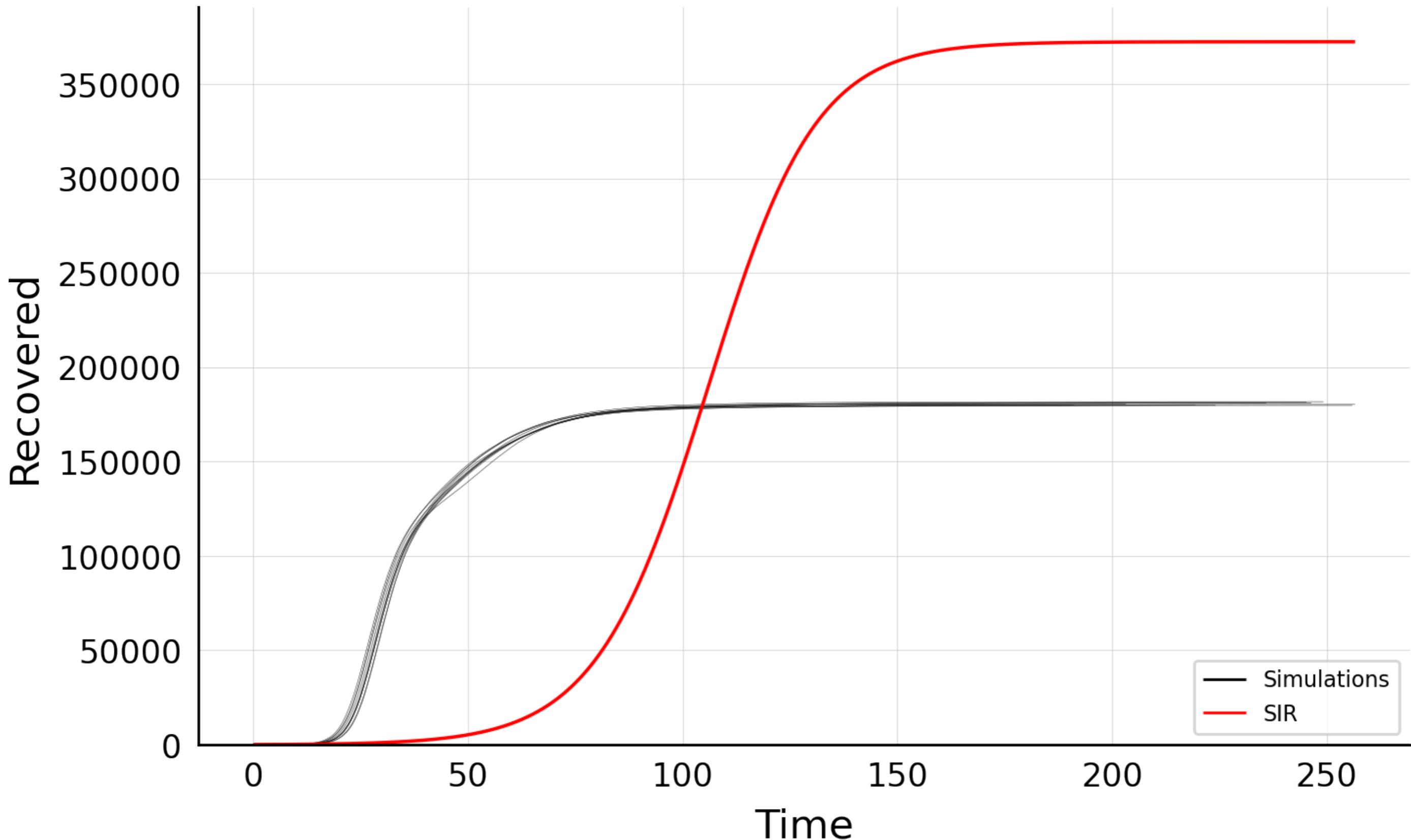
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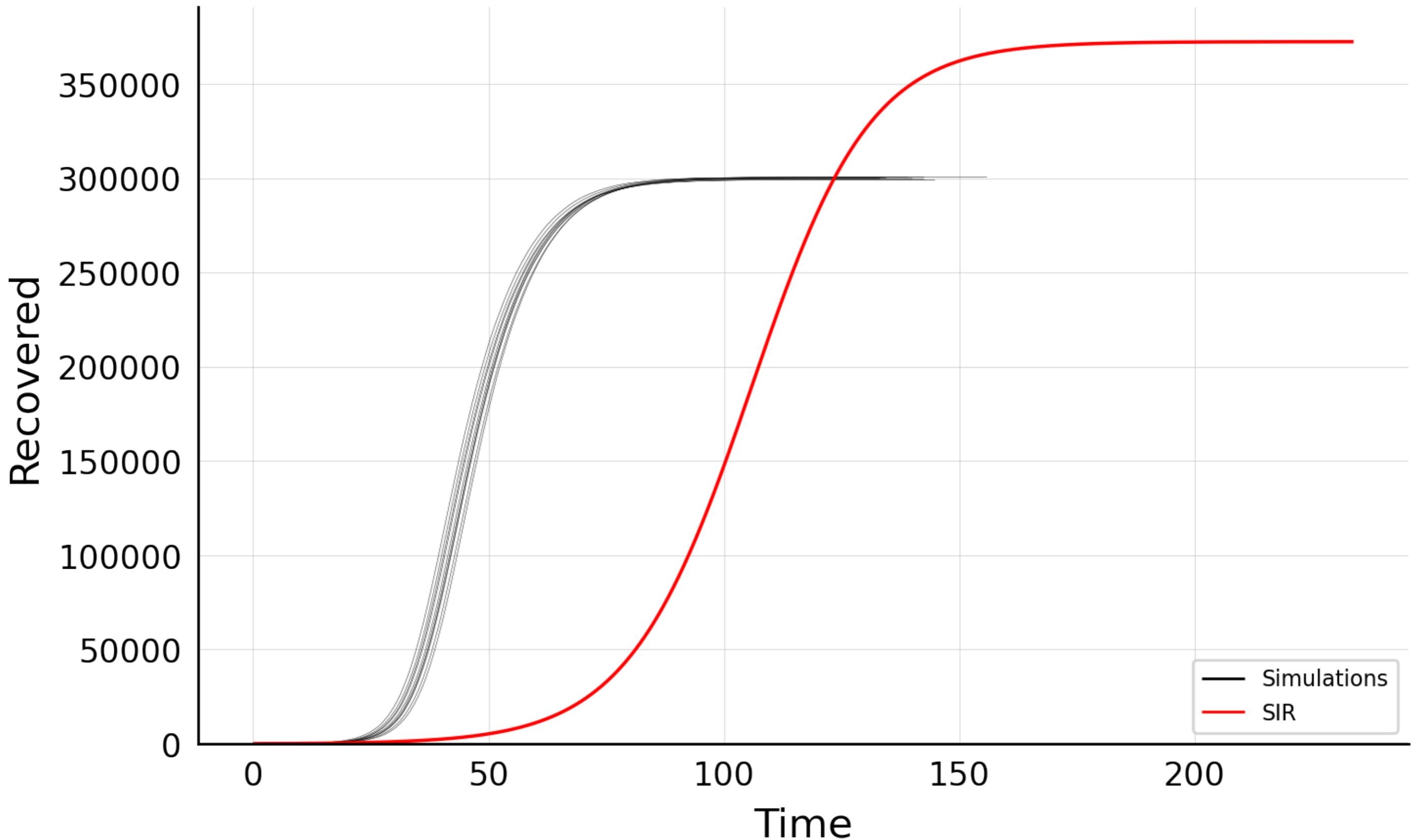
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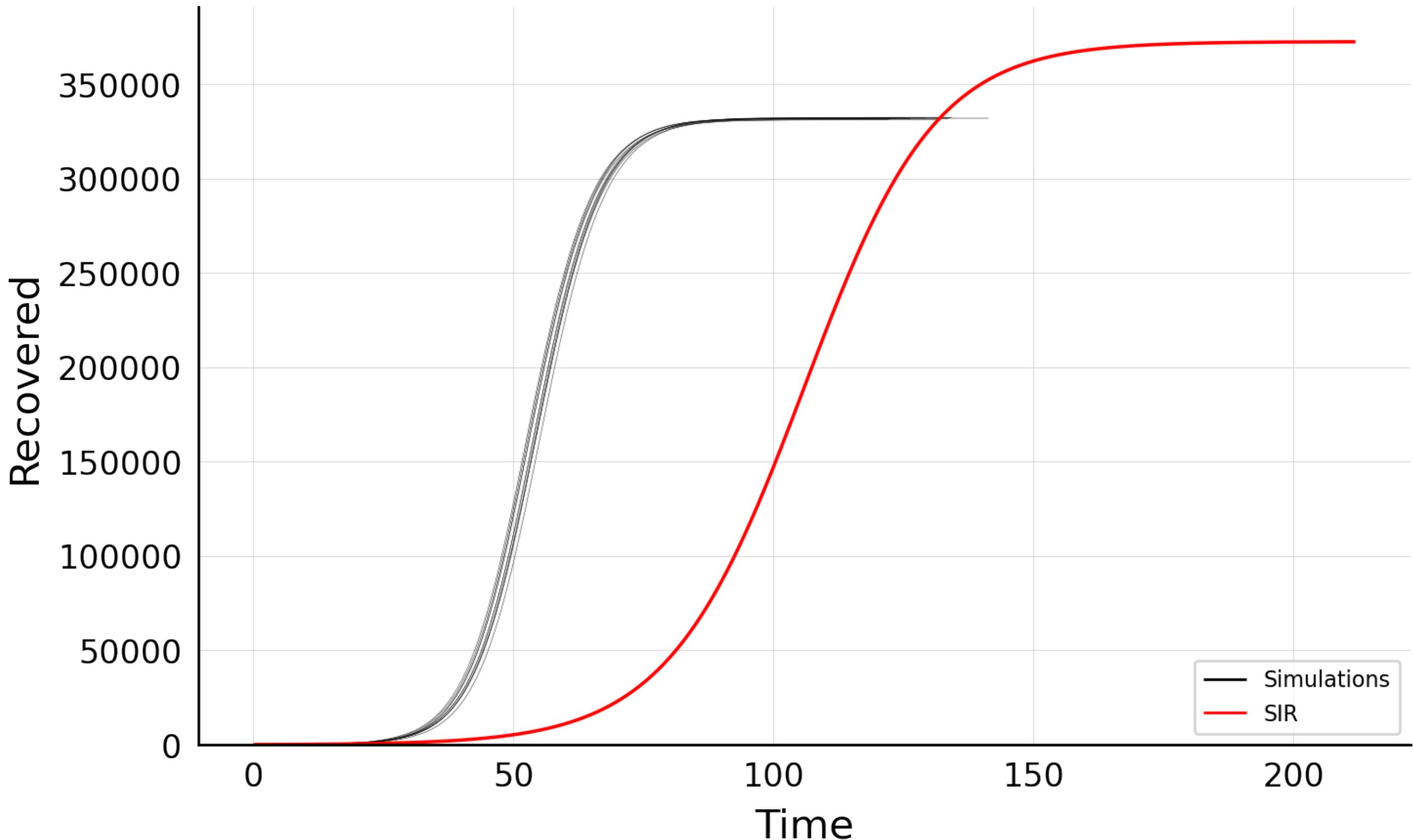
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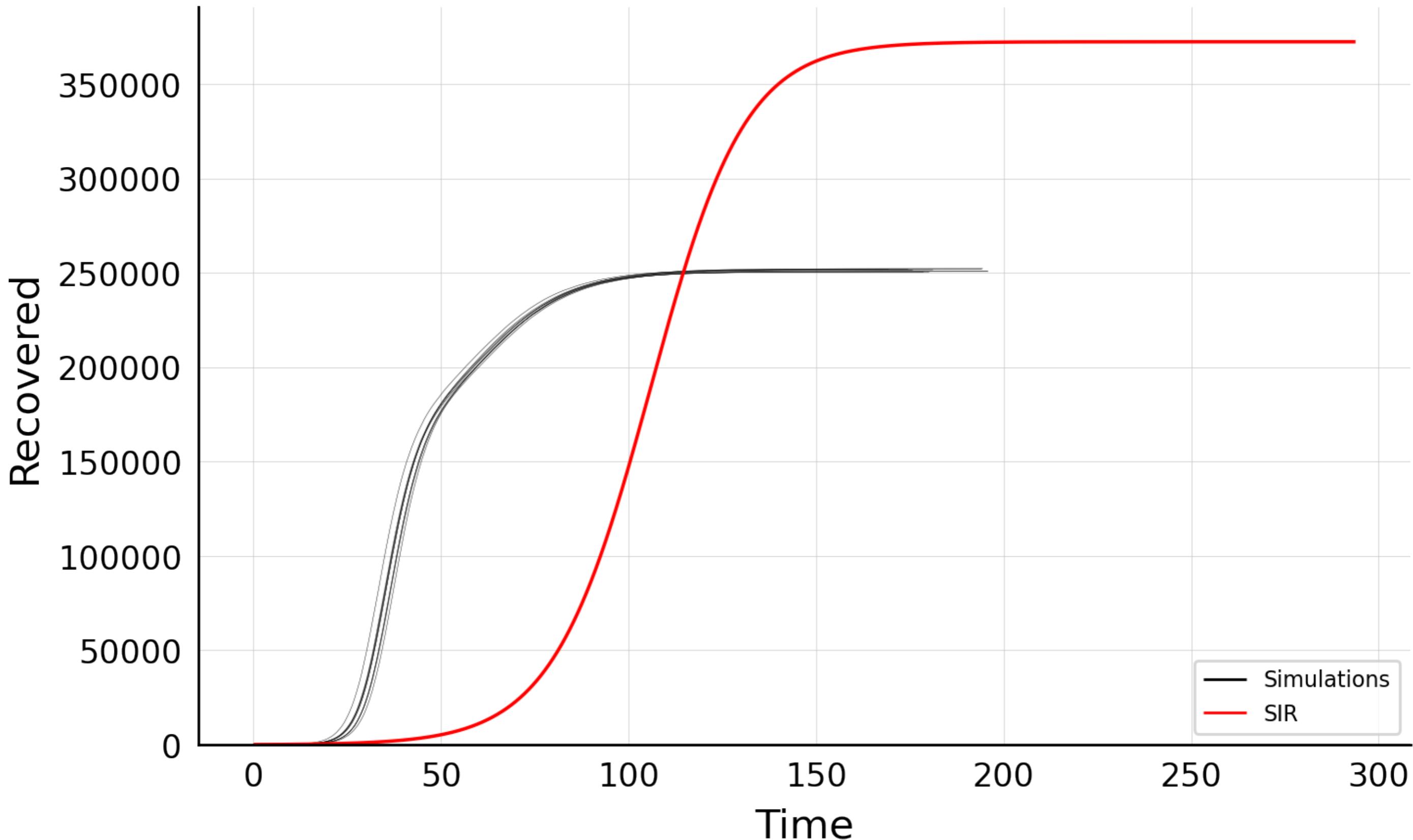
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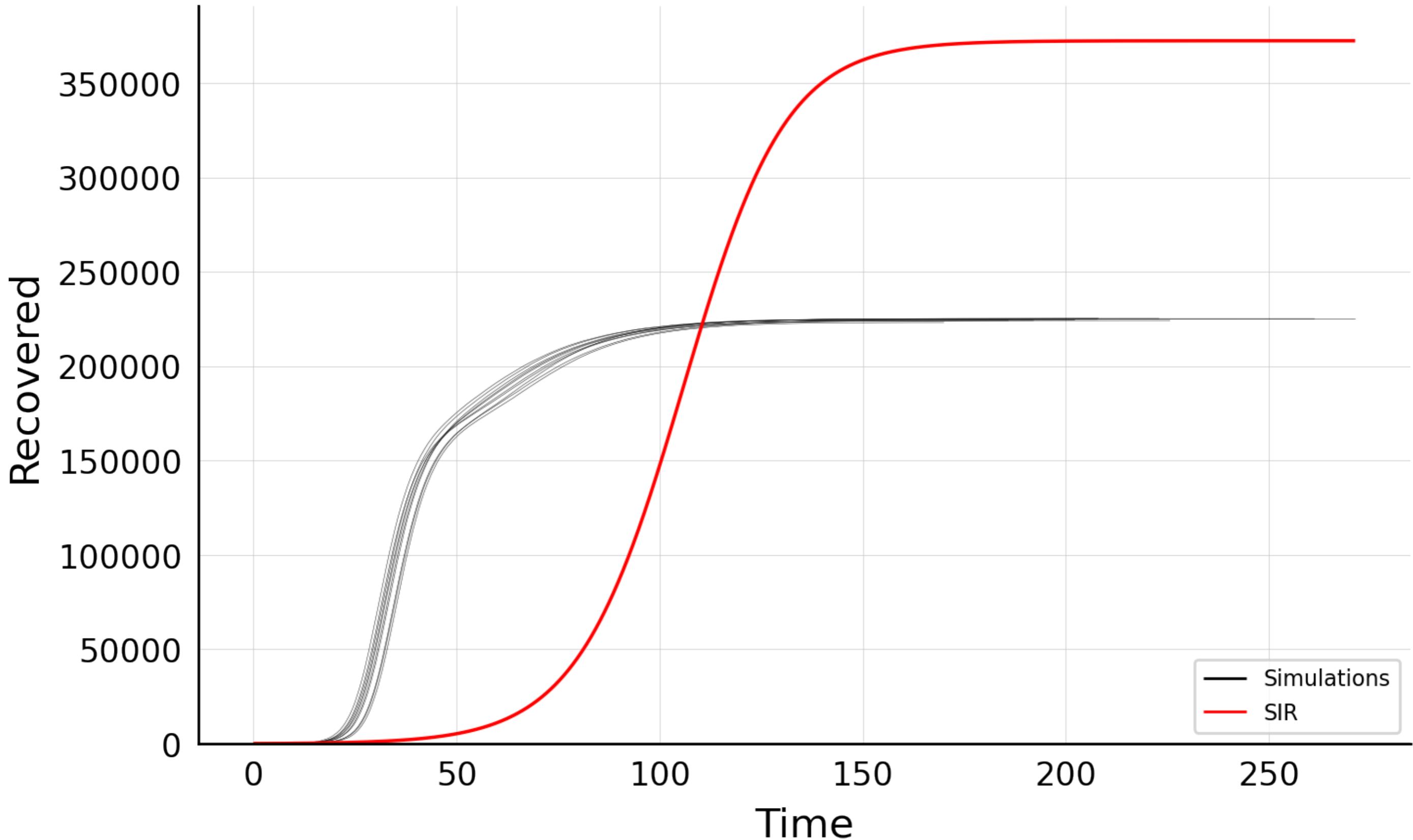
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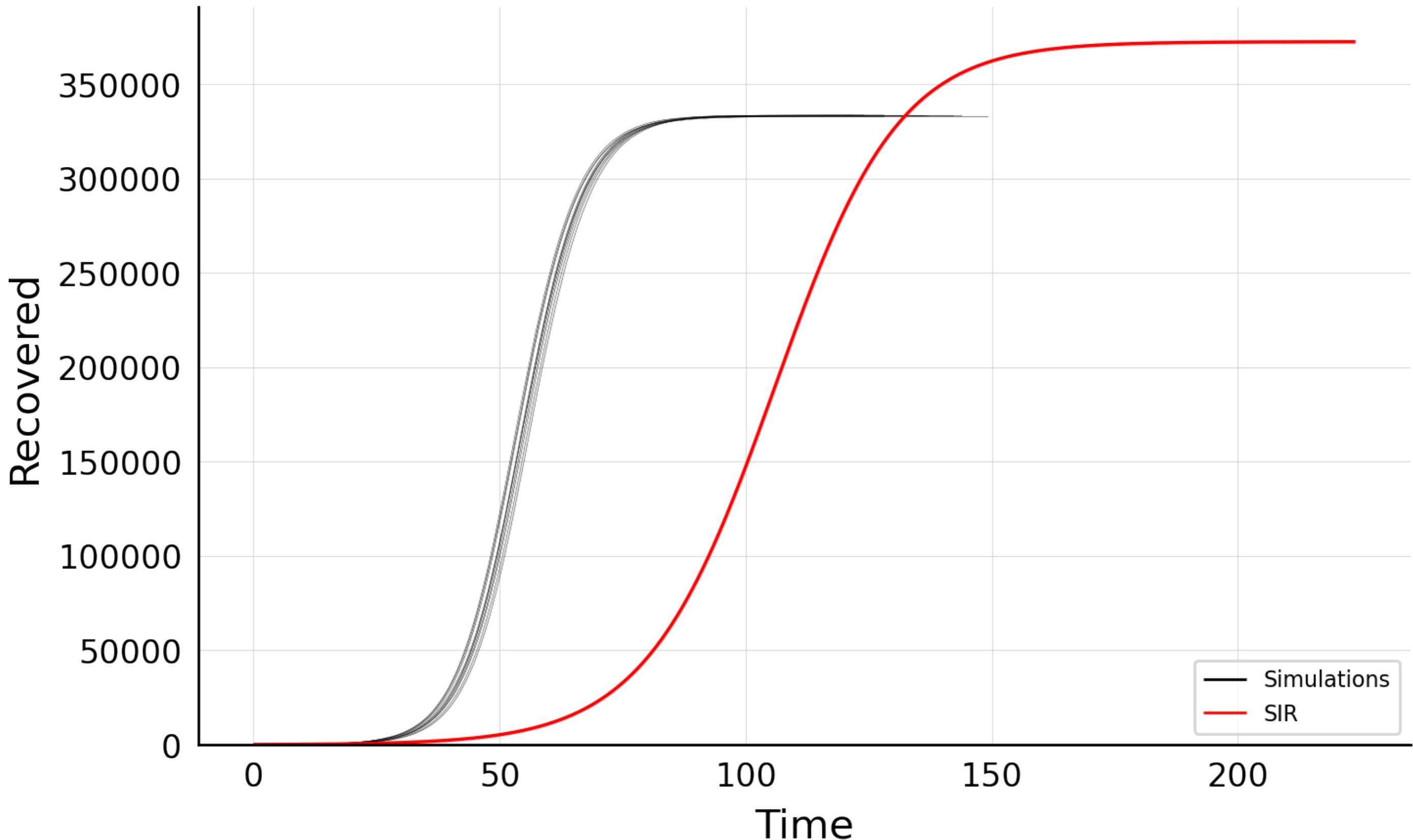
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



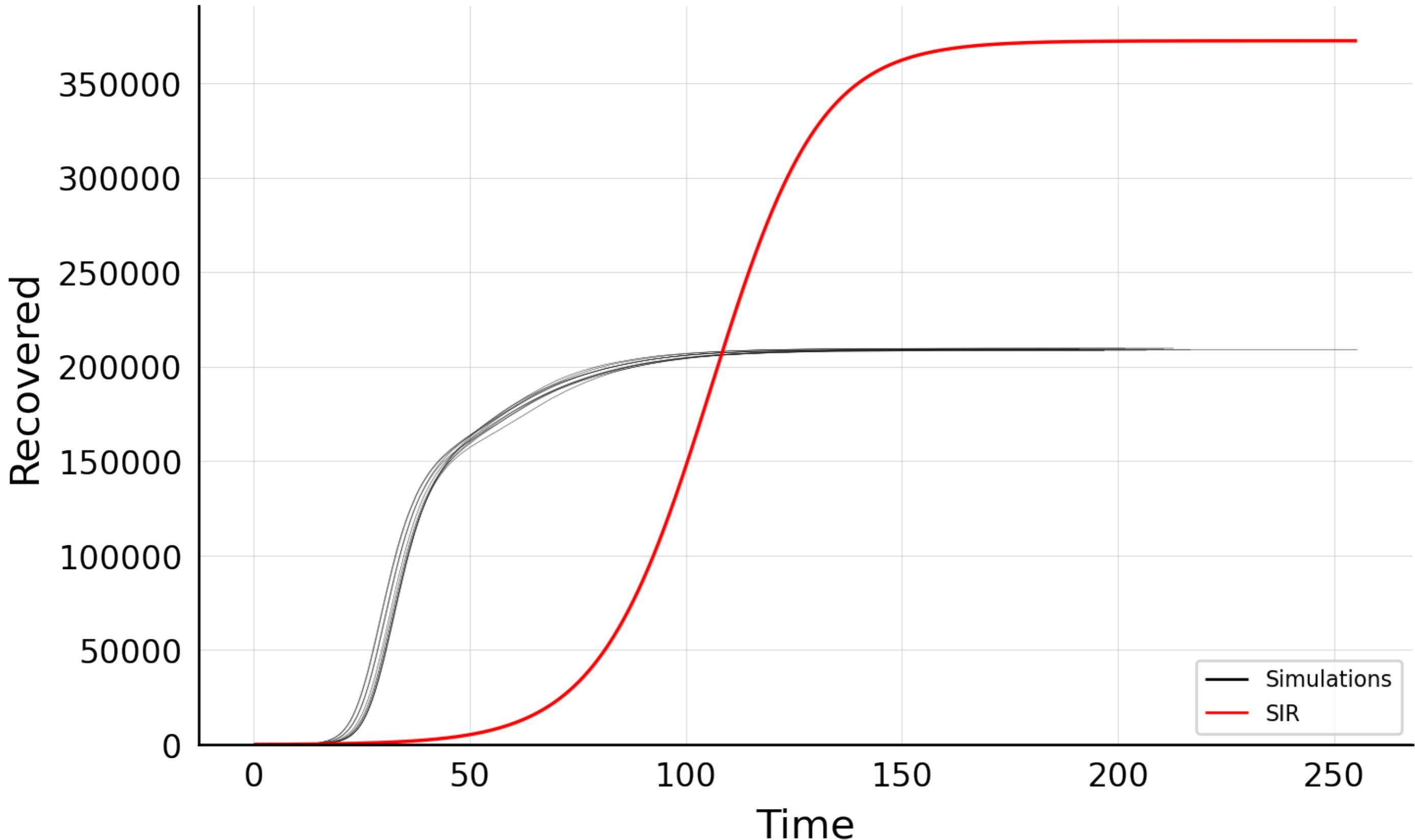
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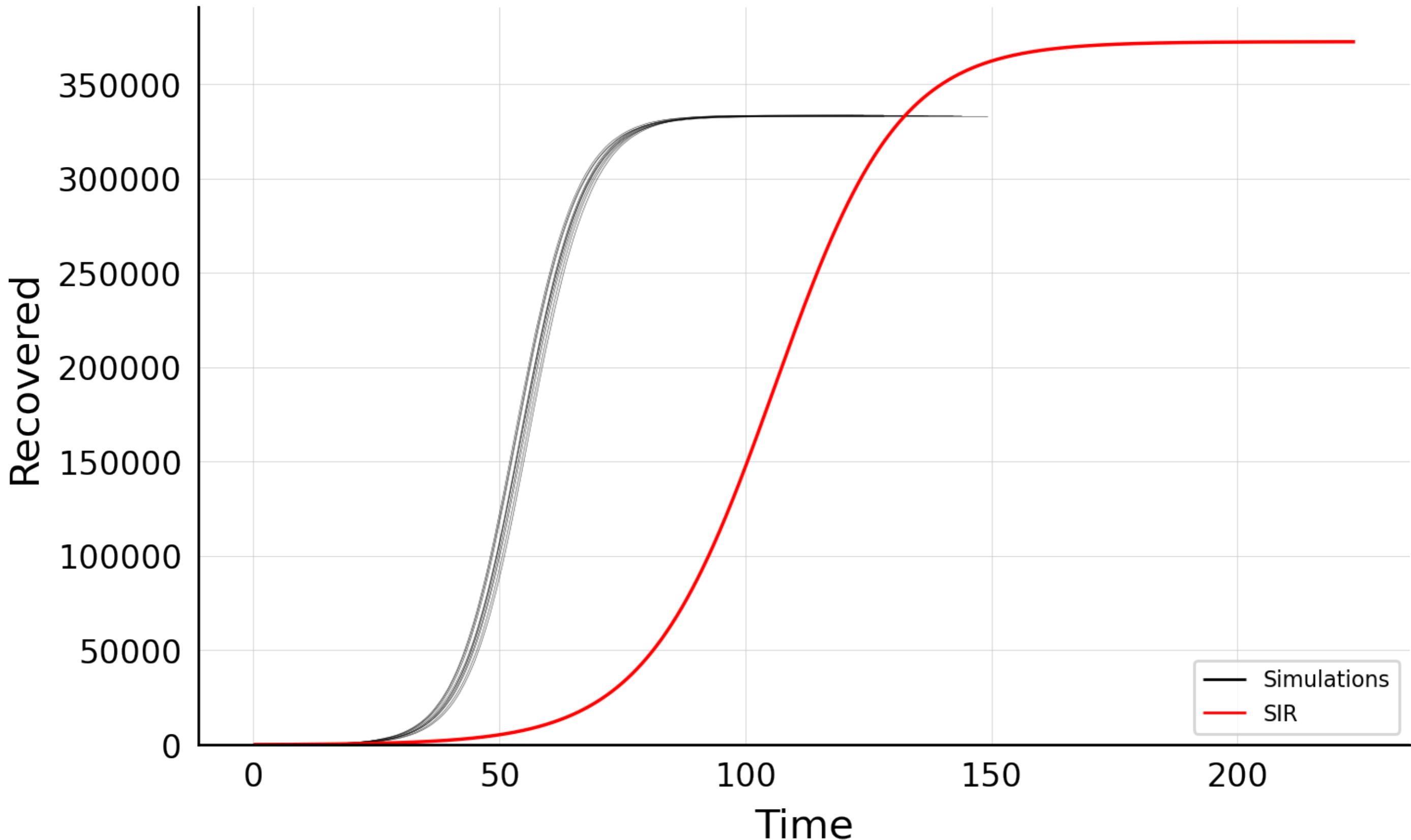
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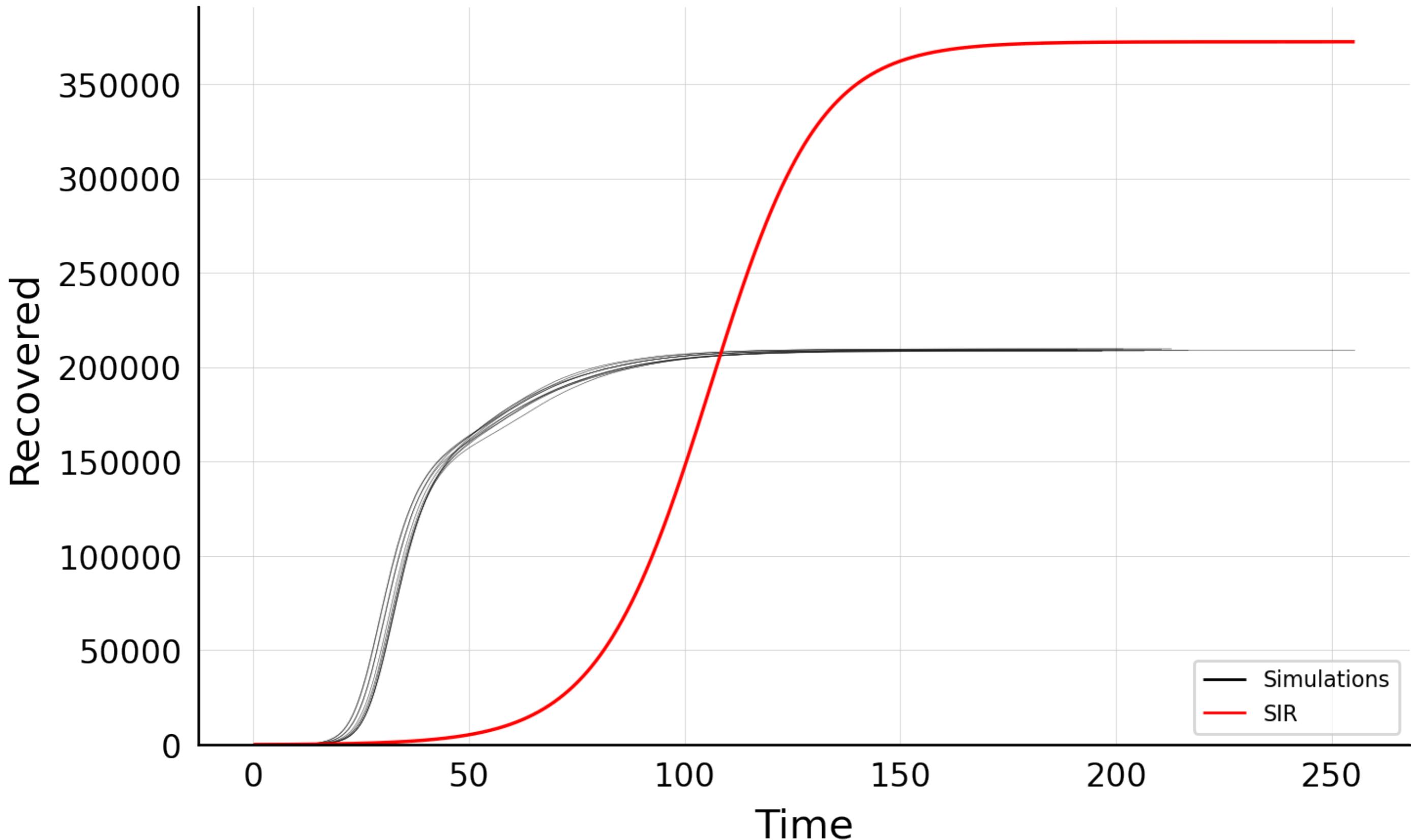
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



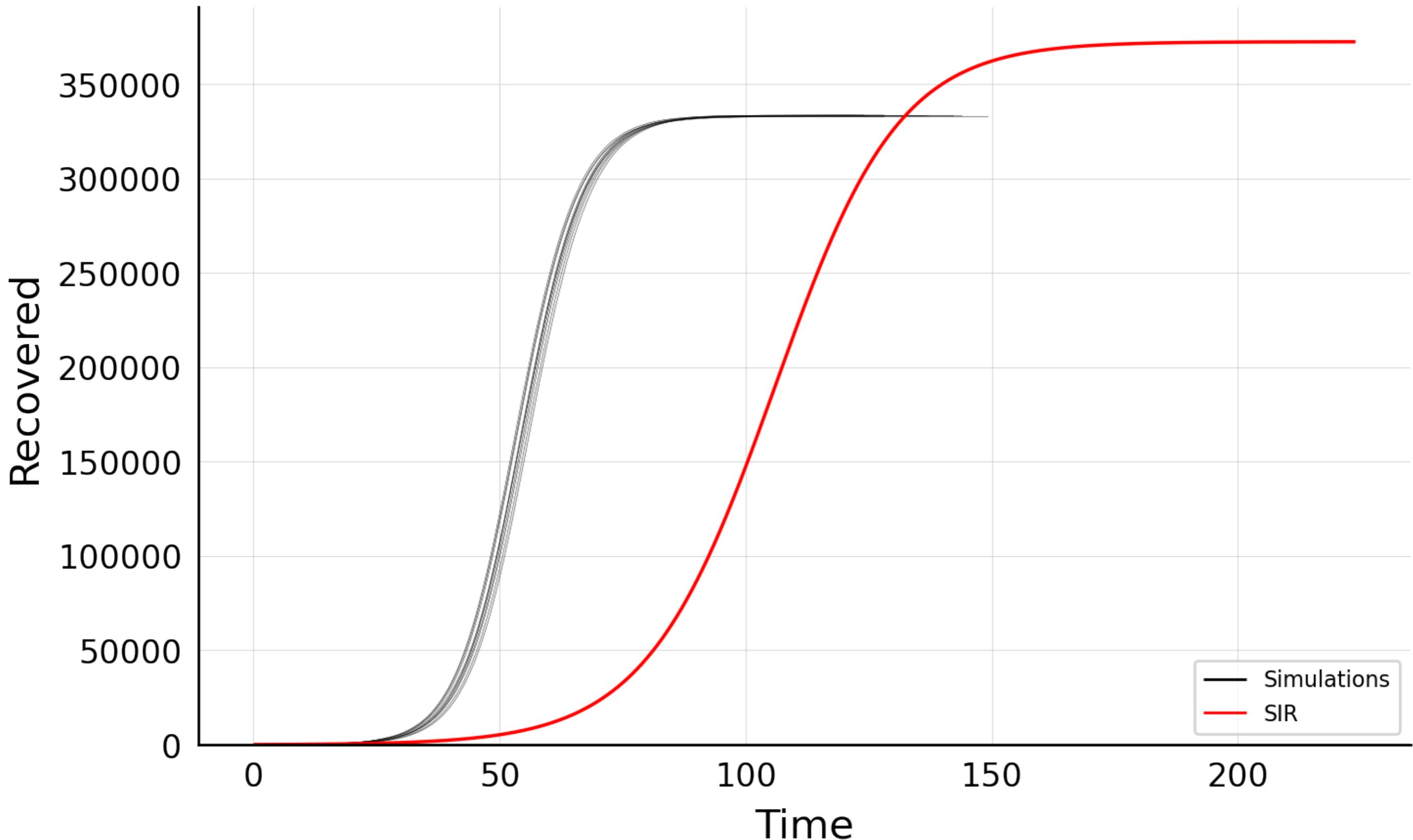
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



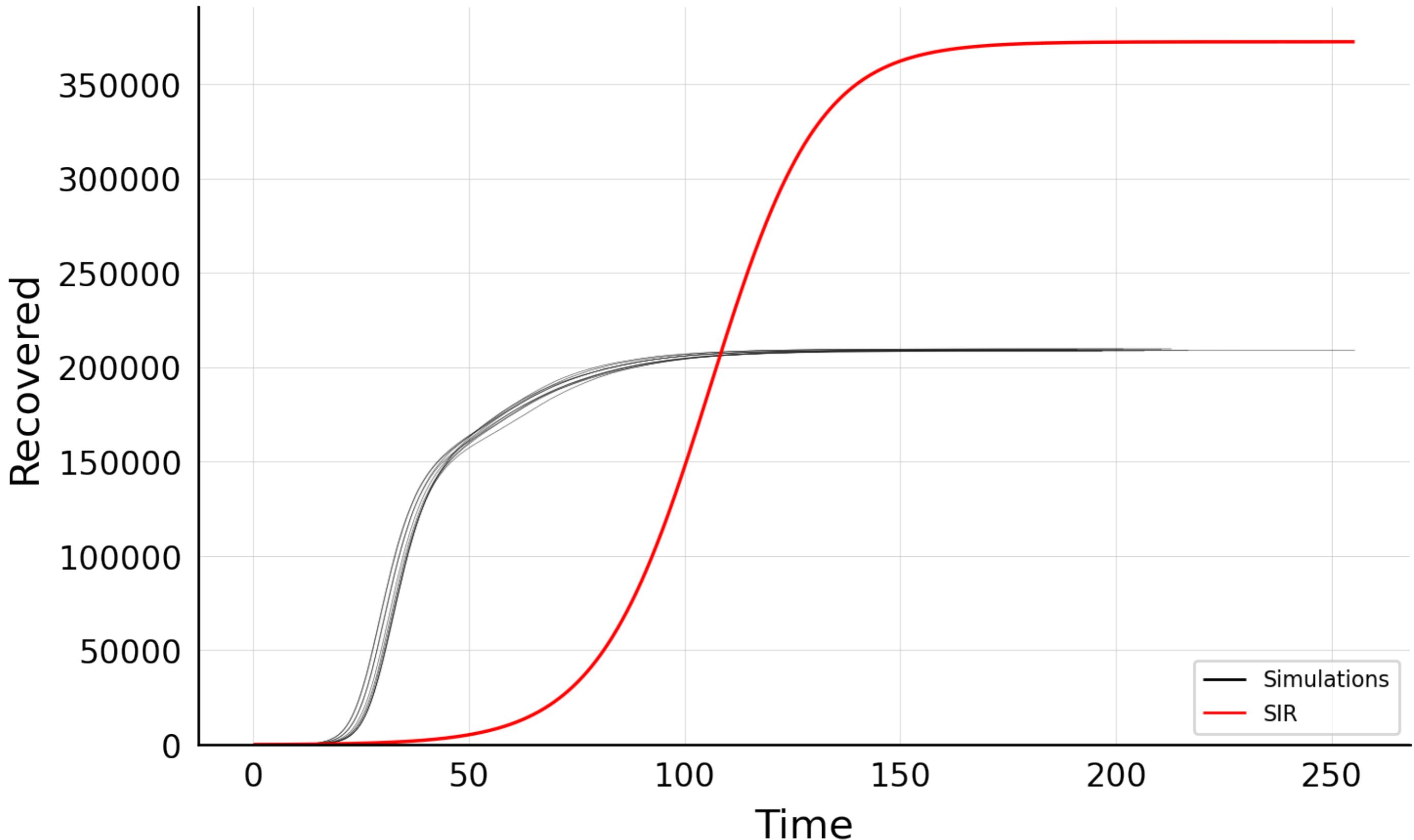
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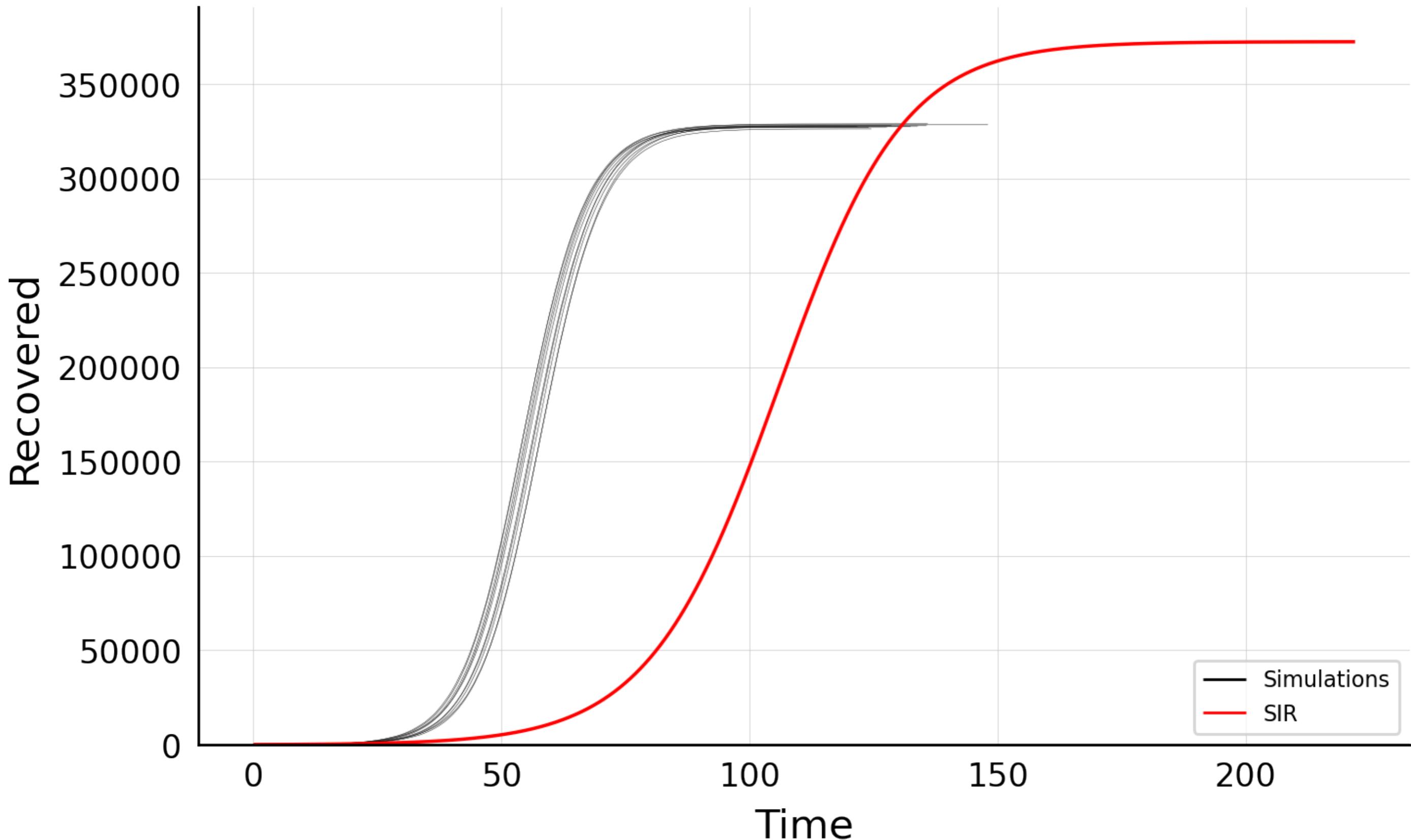
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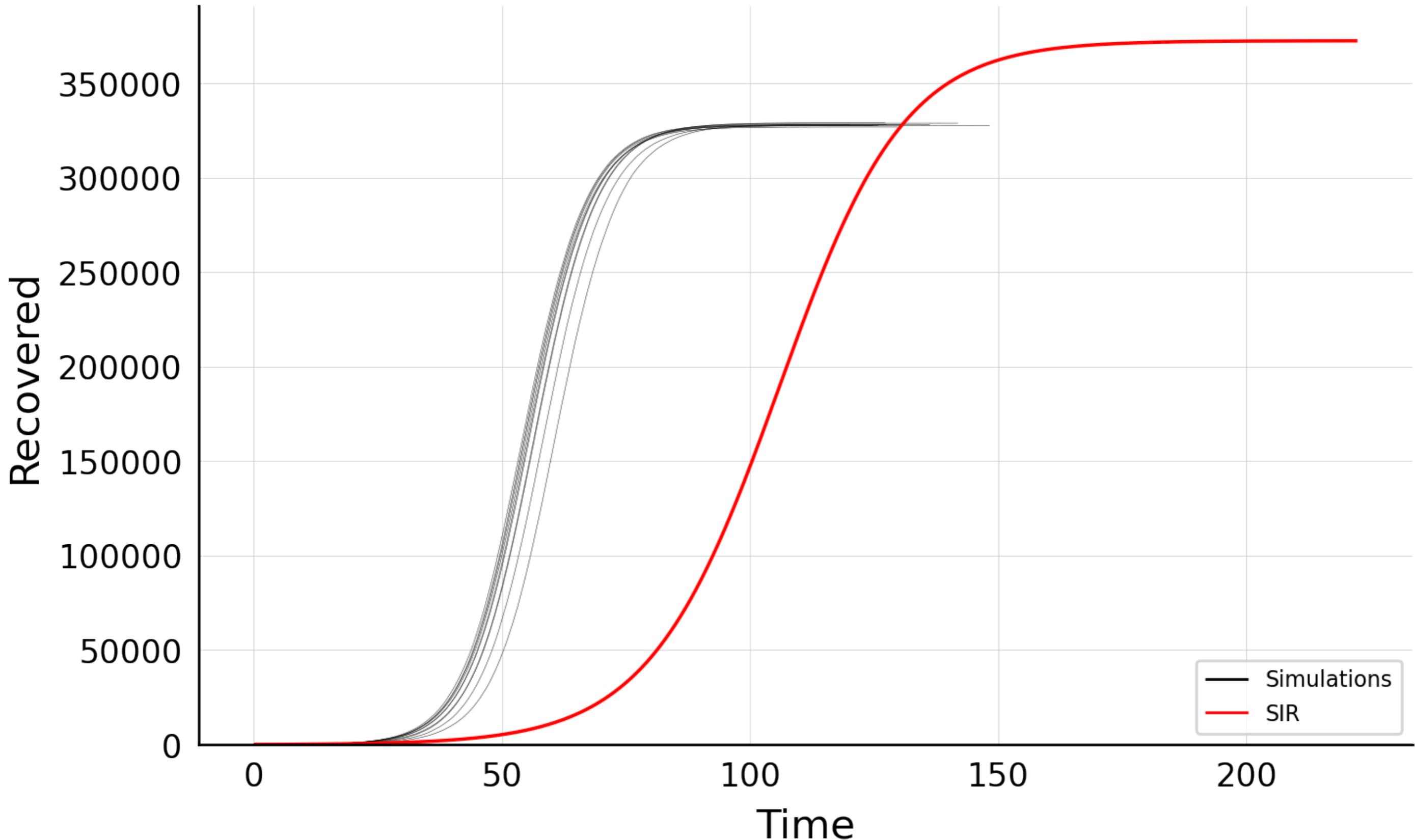
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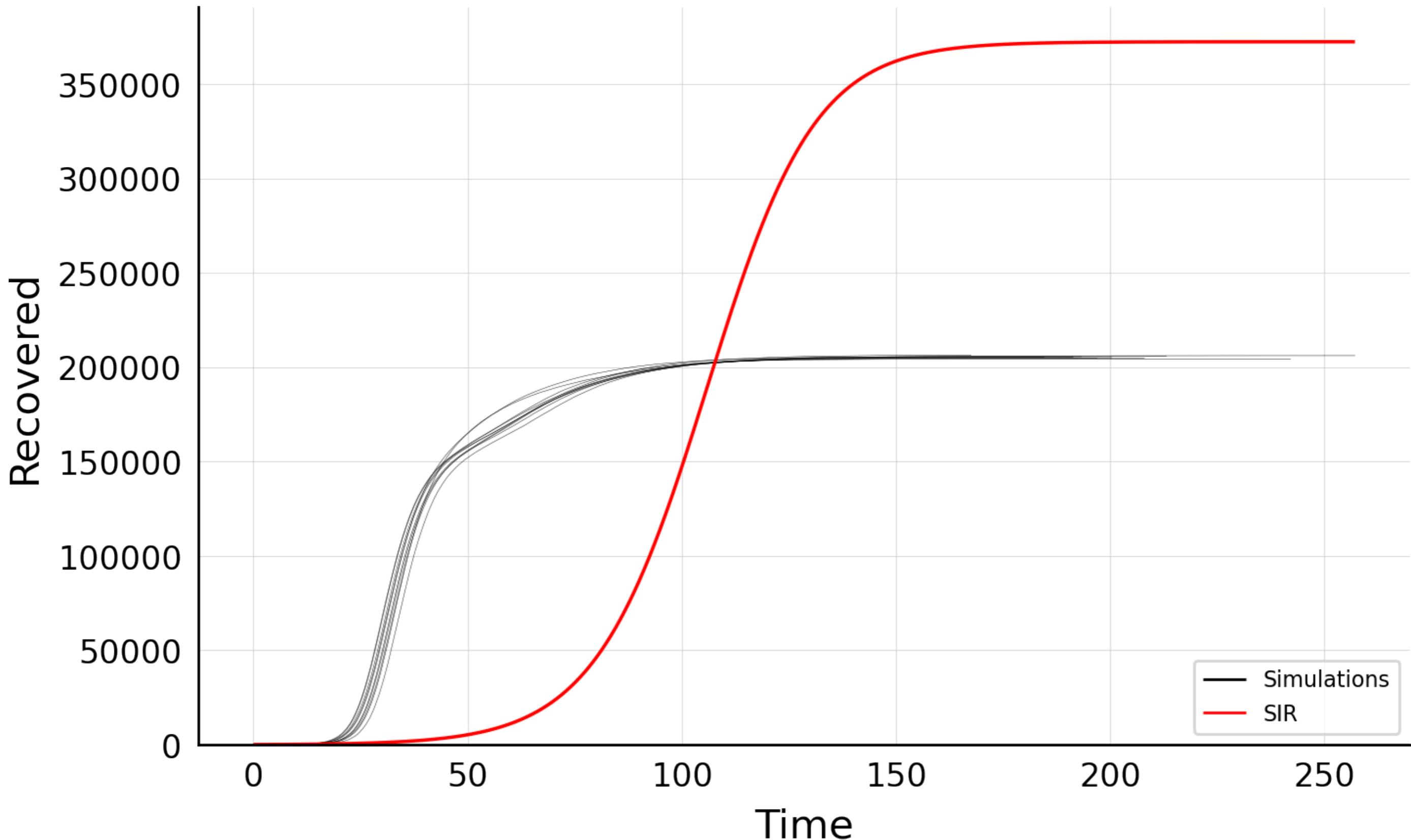
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, $\#10$



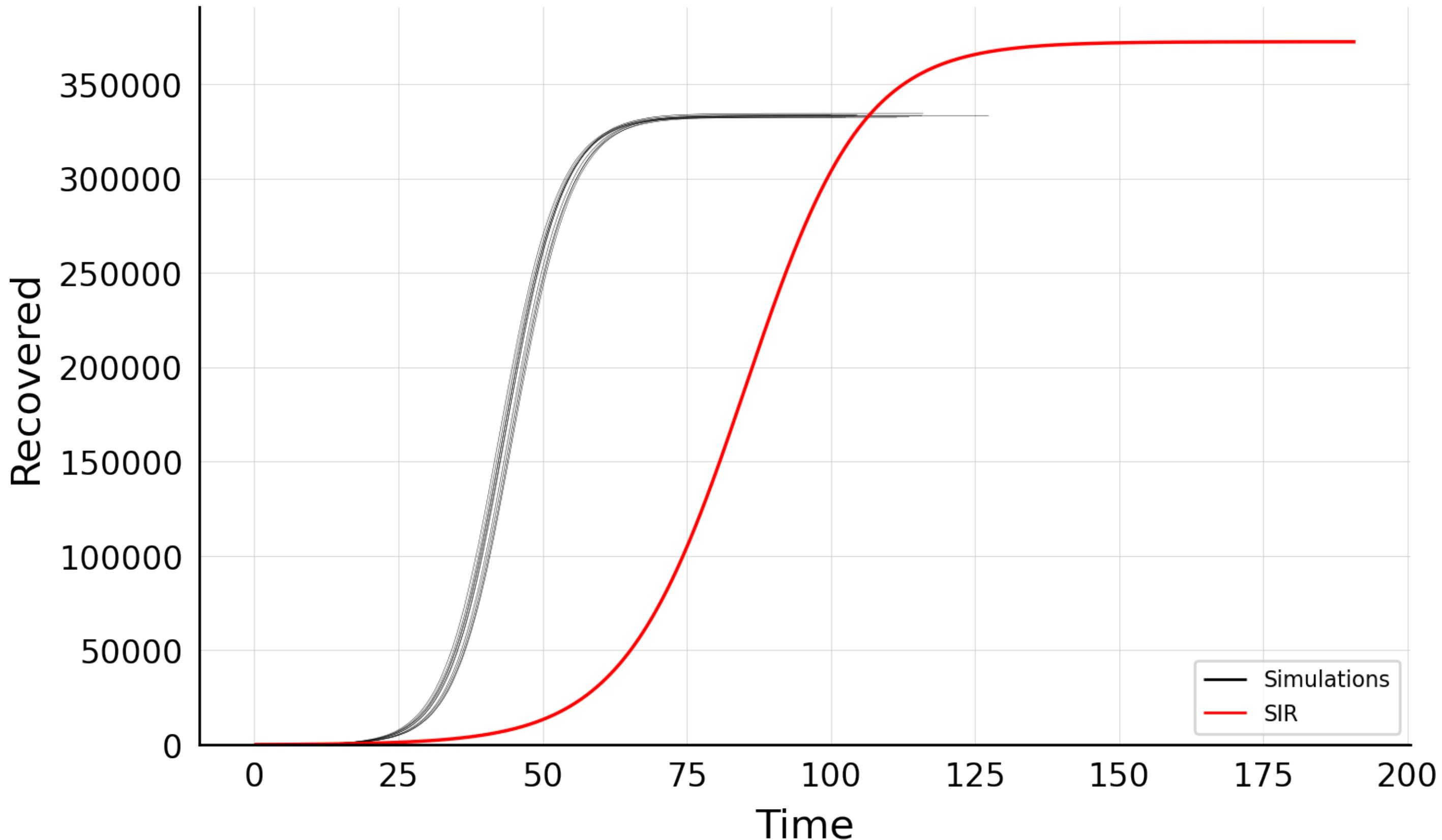
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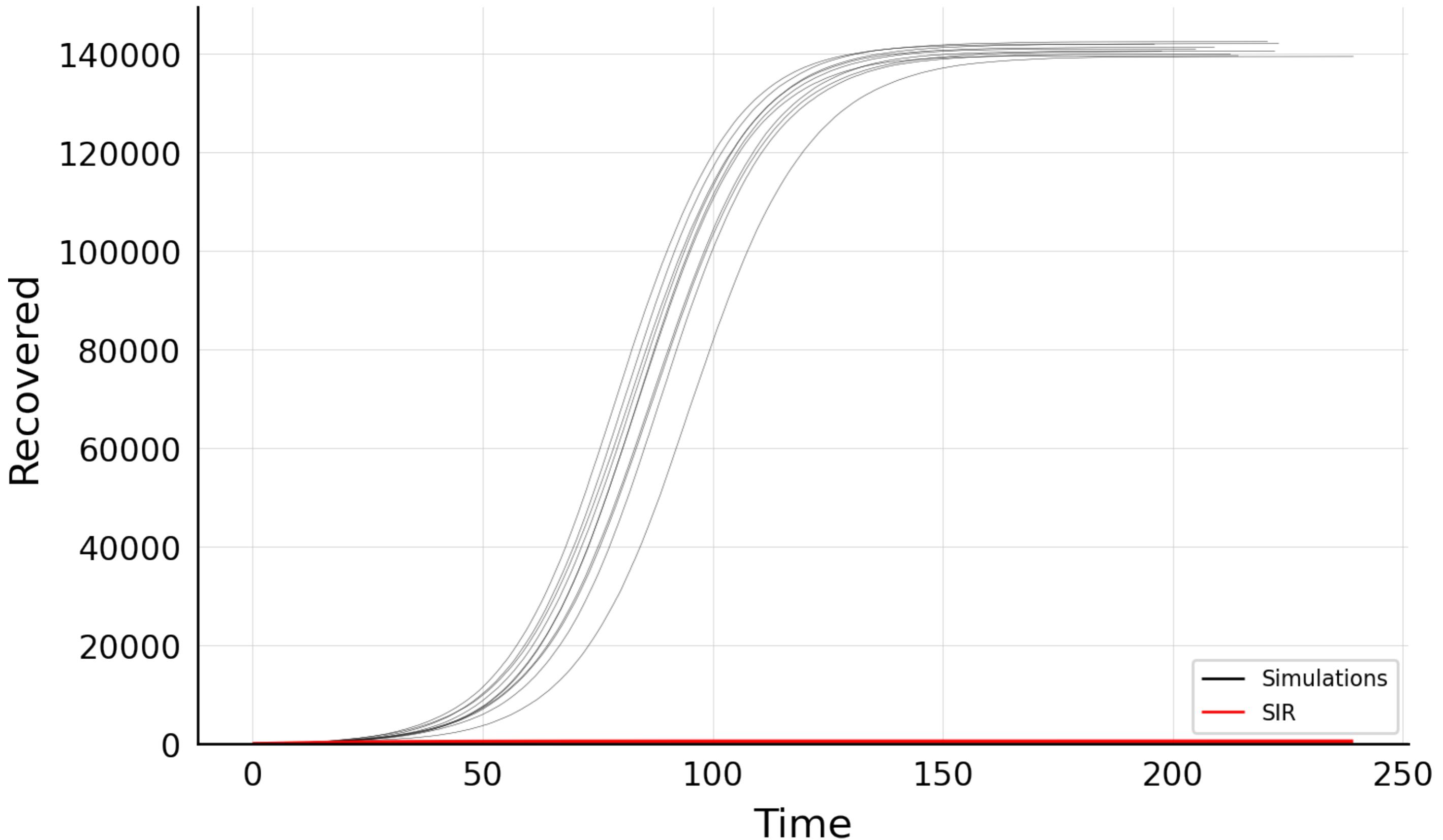
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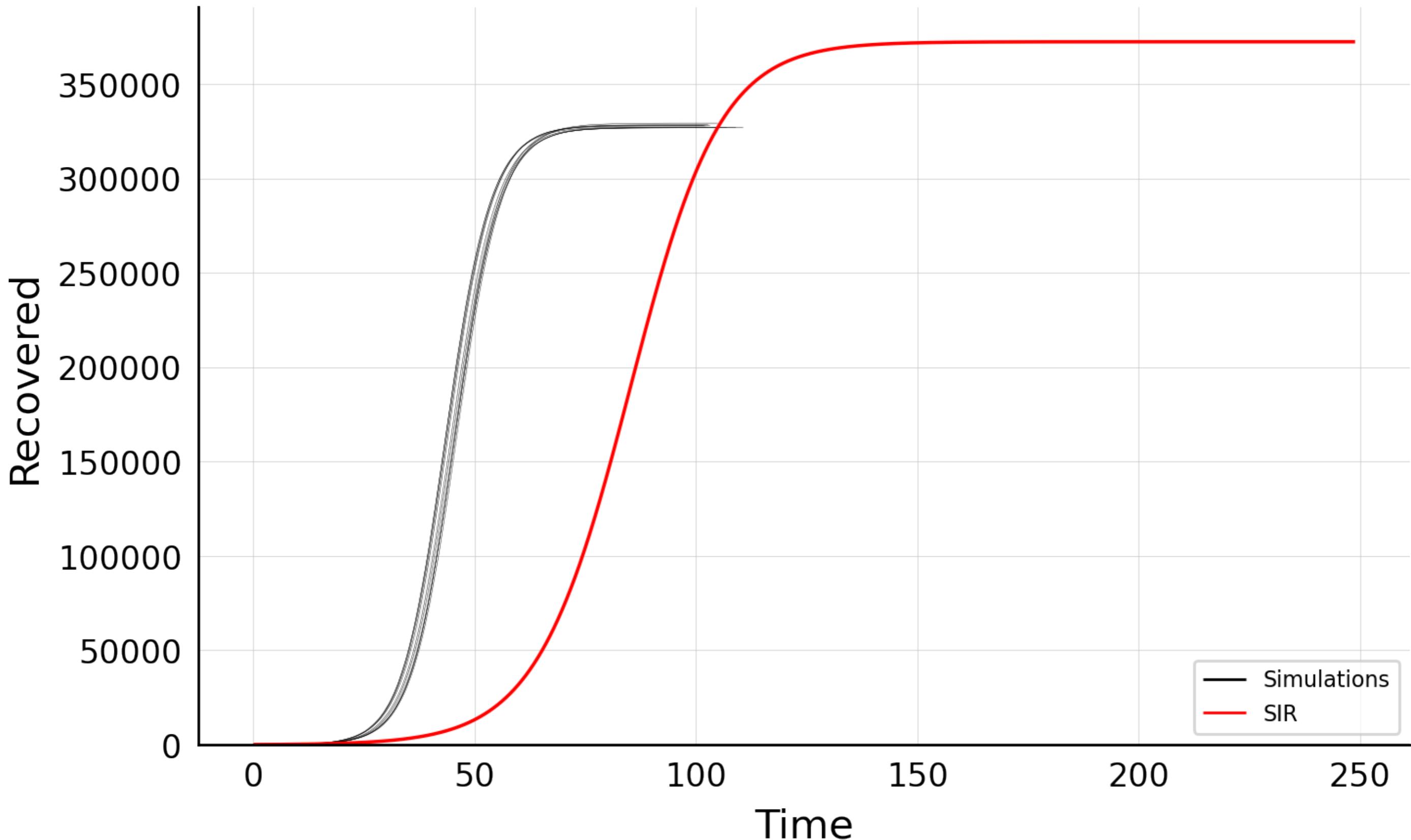
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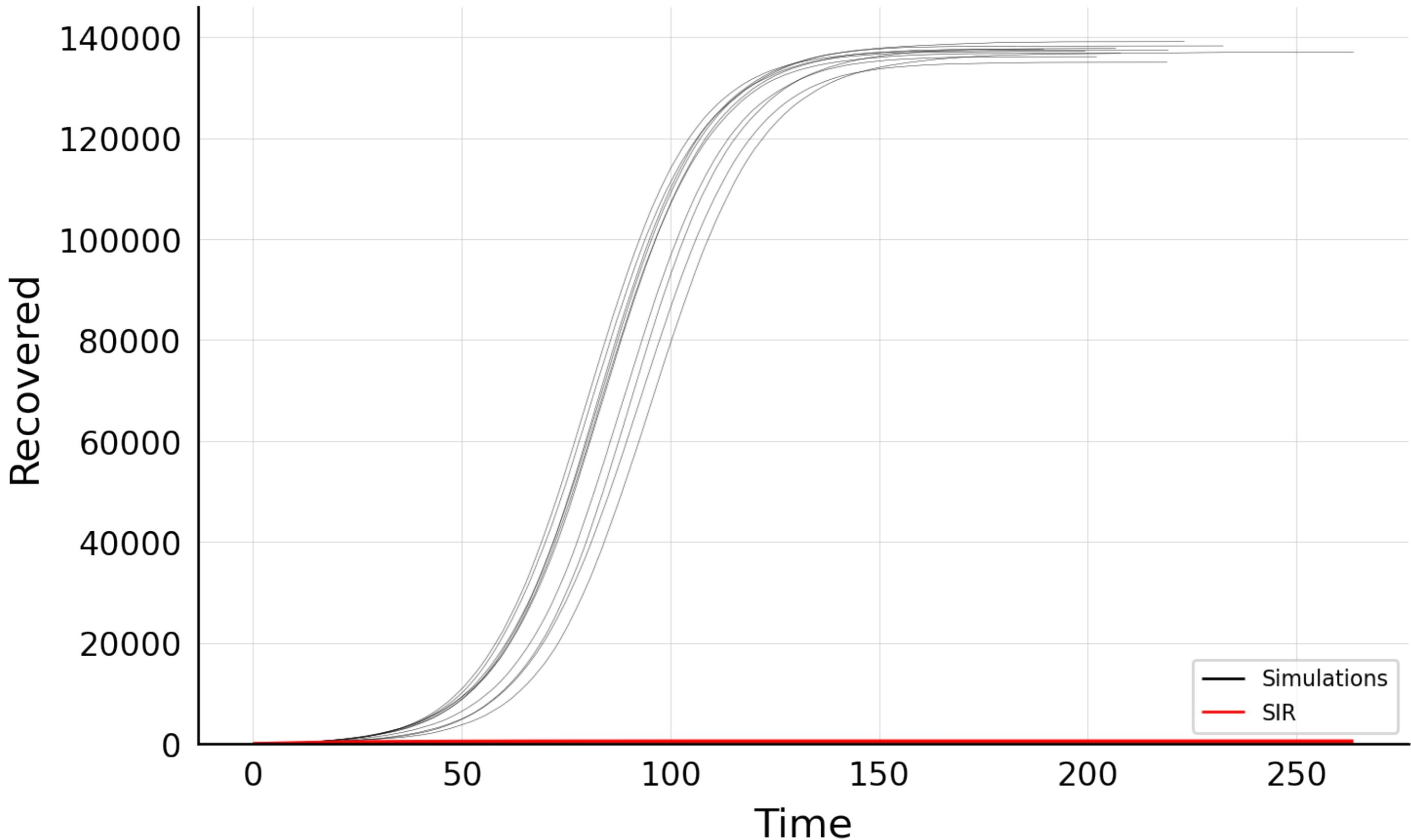
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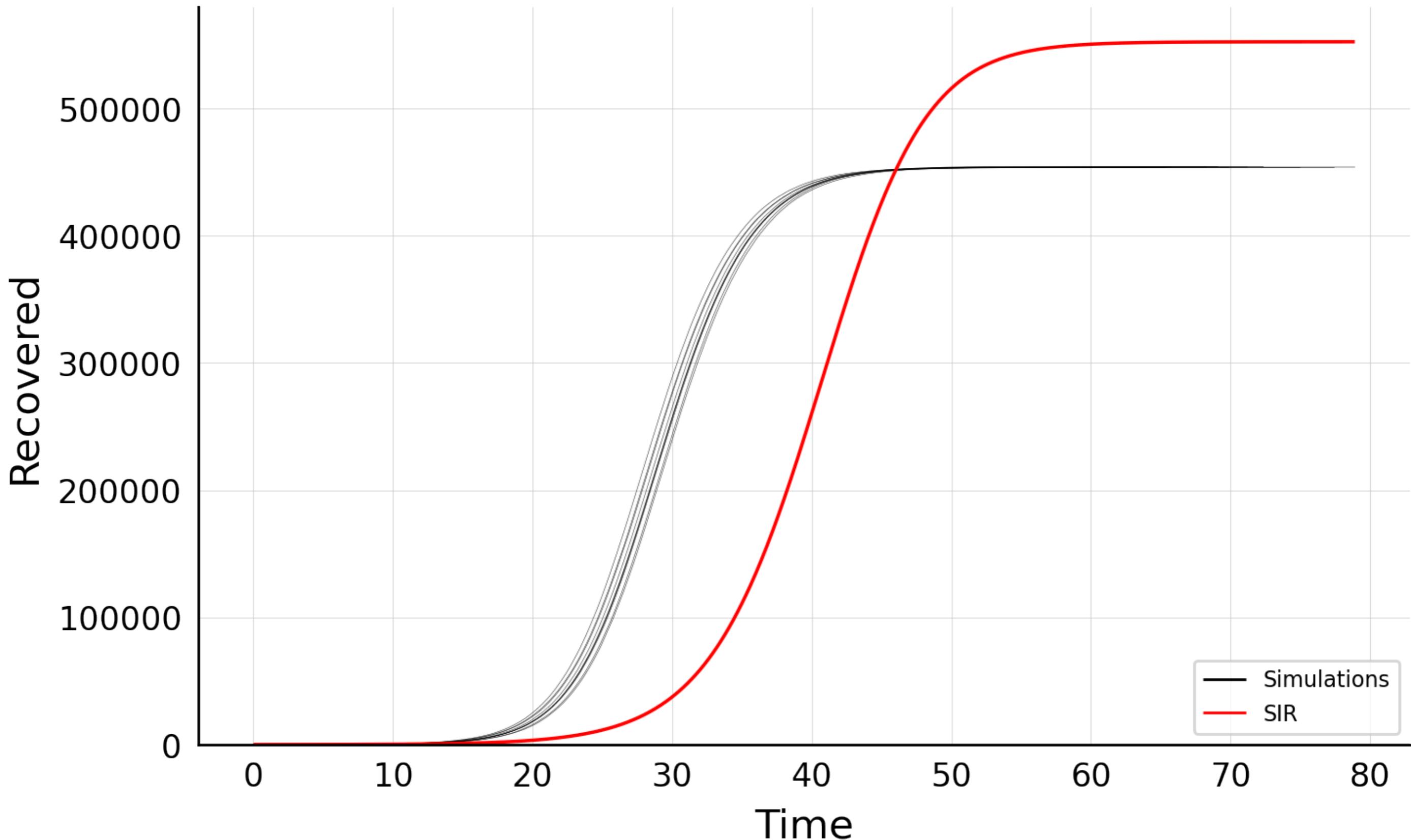
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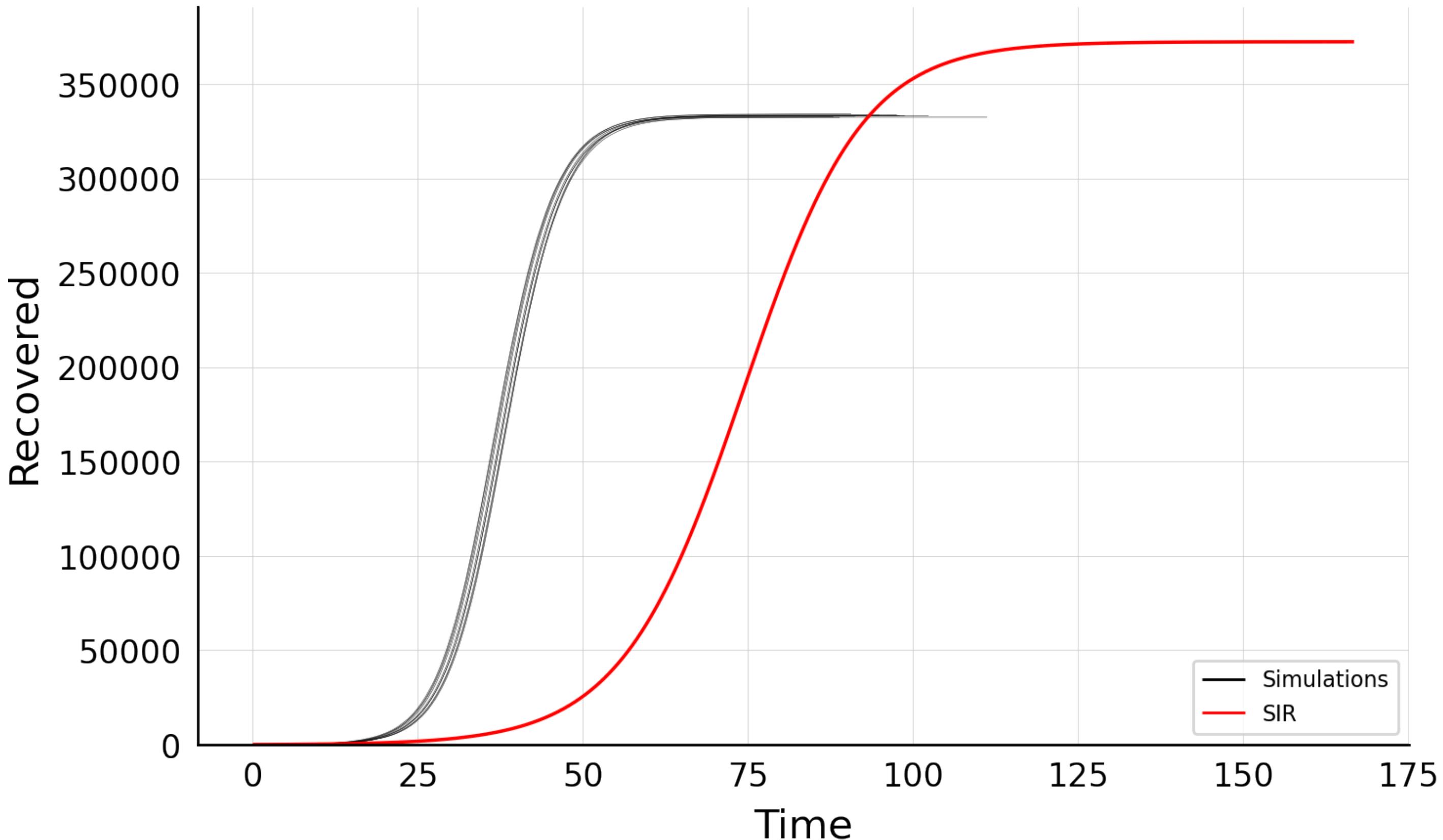
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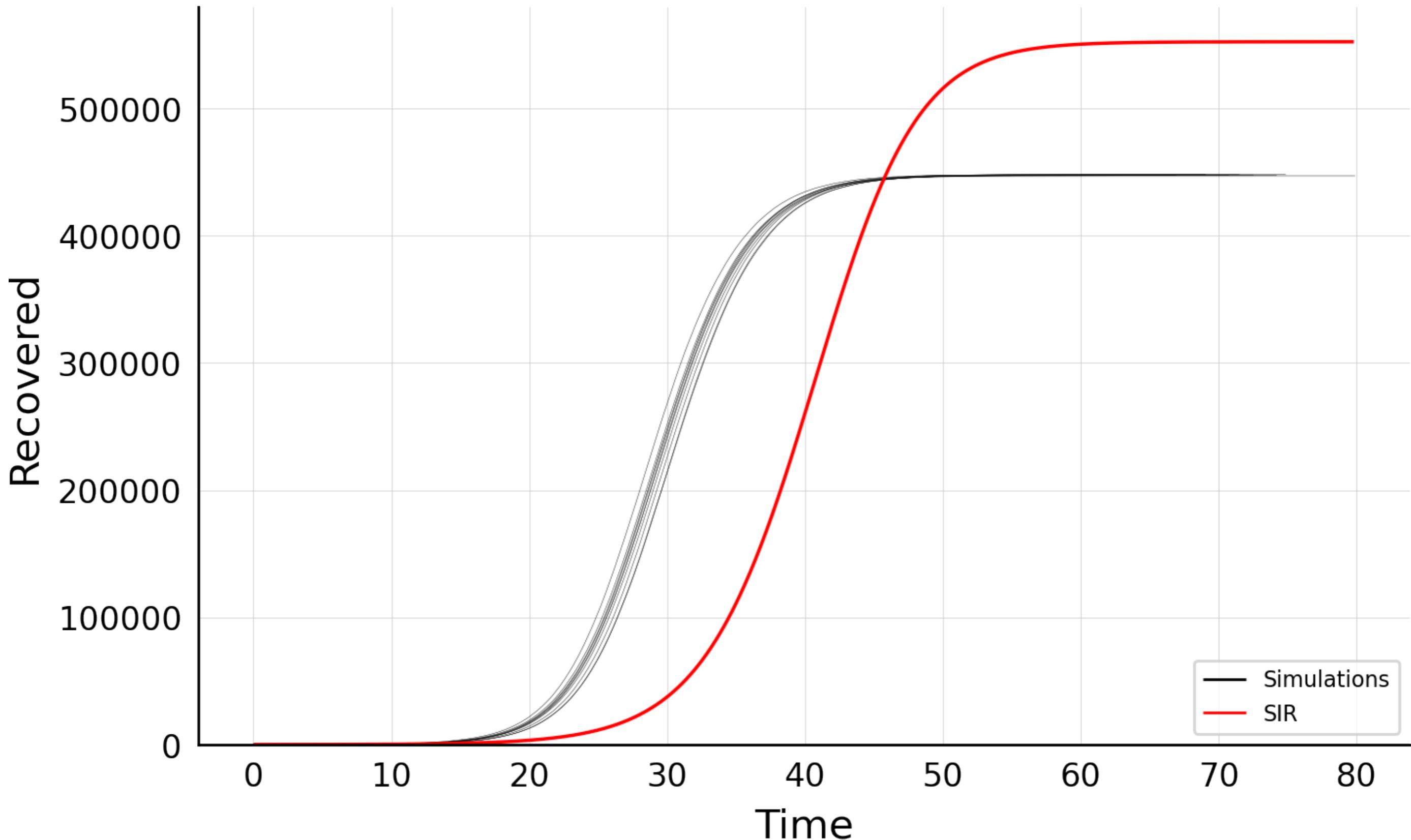
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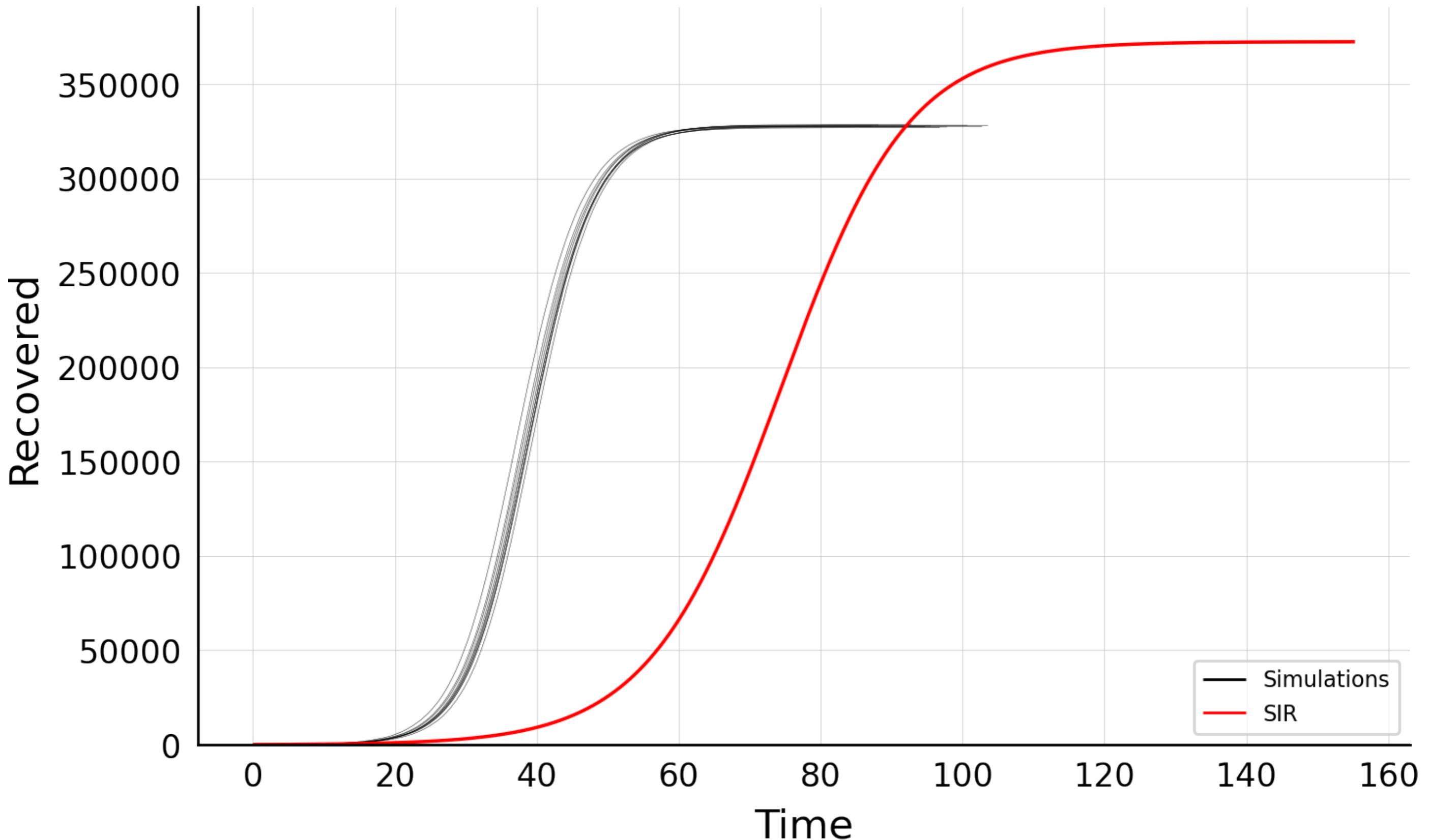
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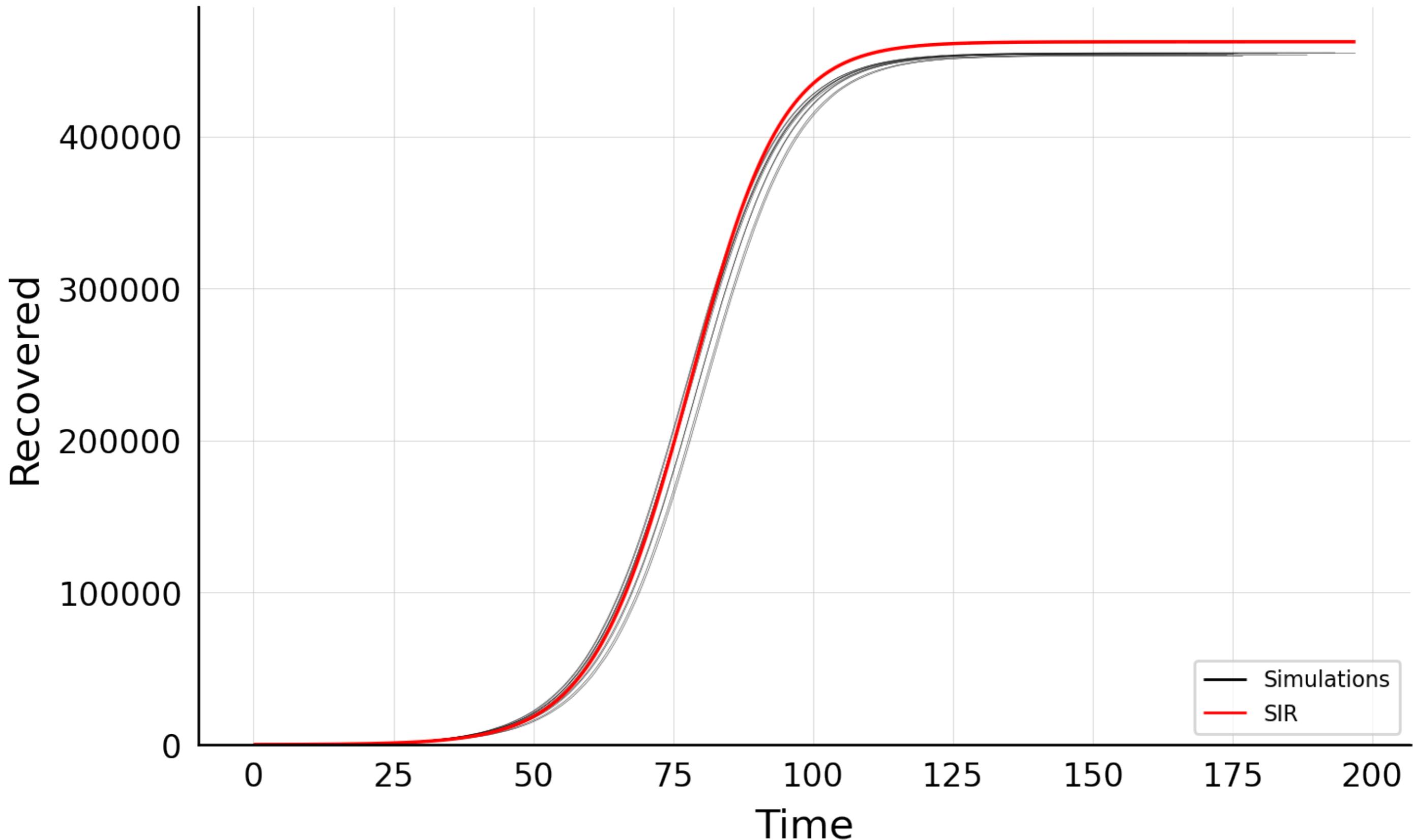
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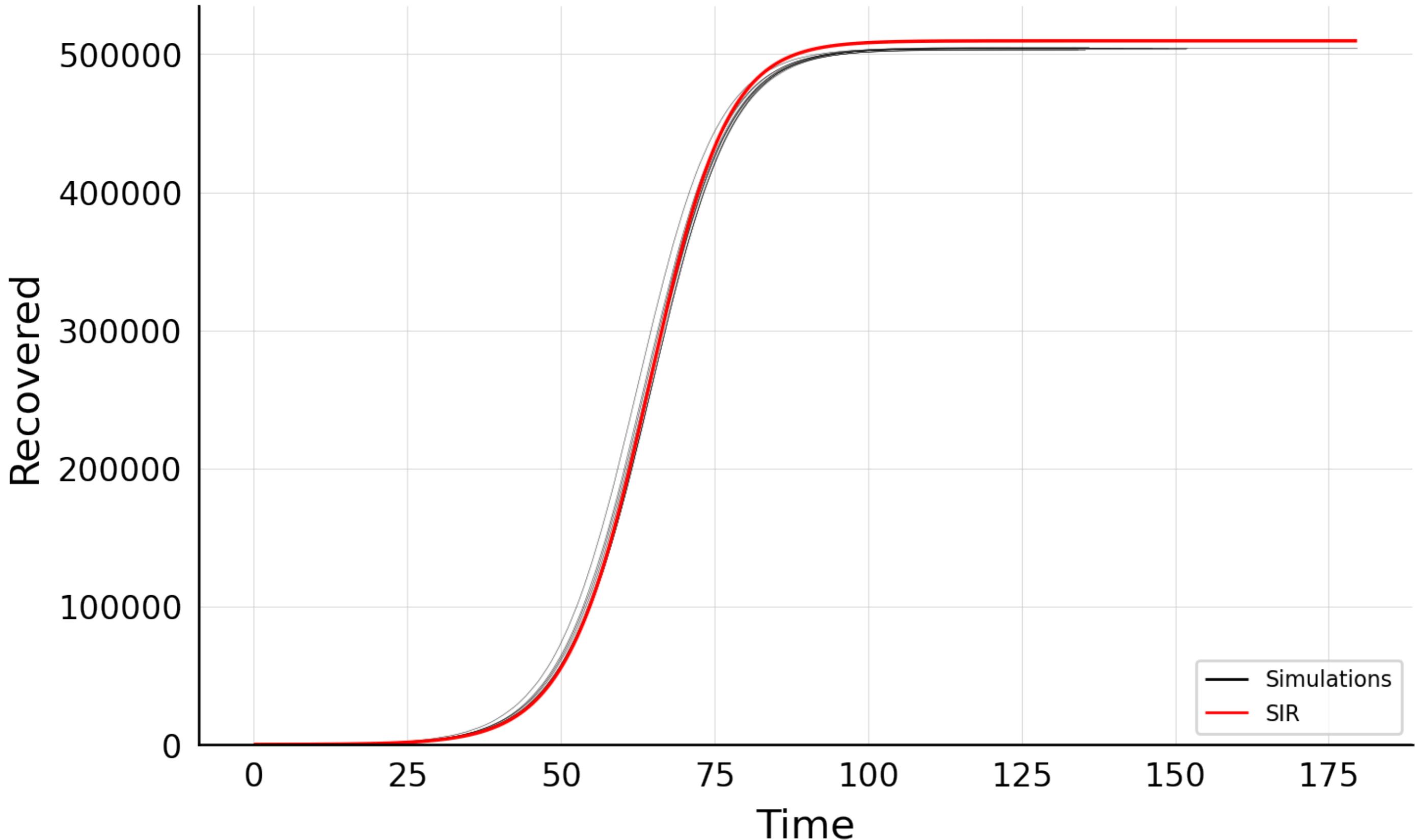
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 $\lambda_E = 1.0$, $\lambda_I = 4.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



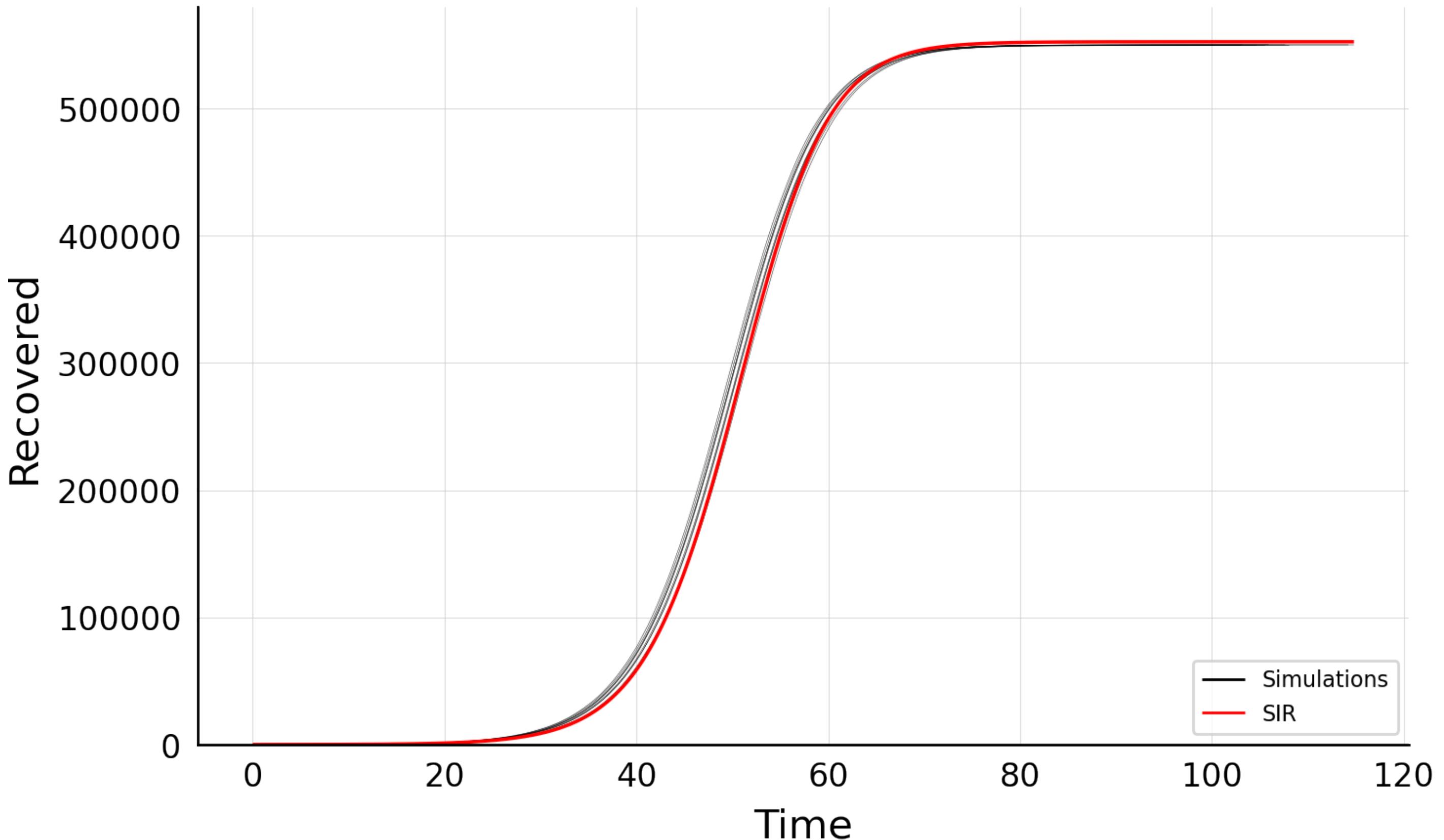
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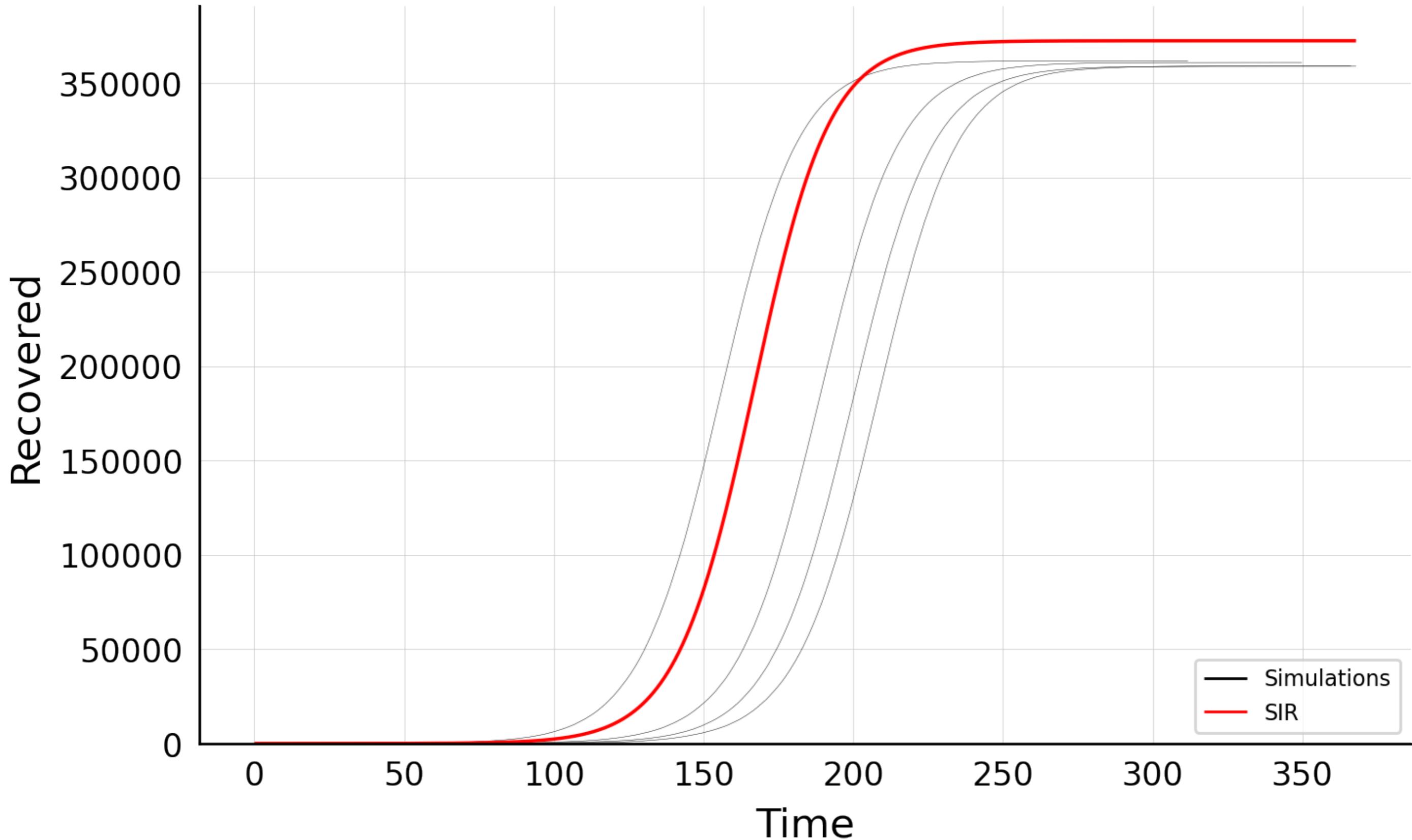
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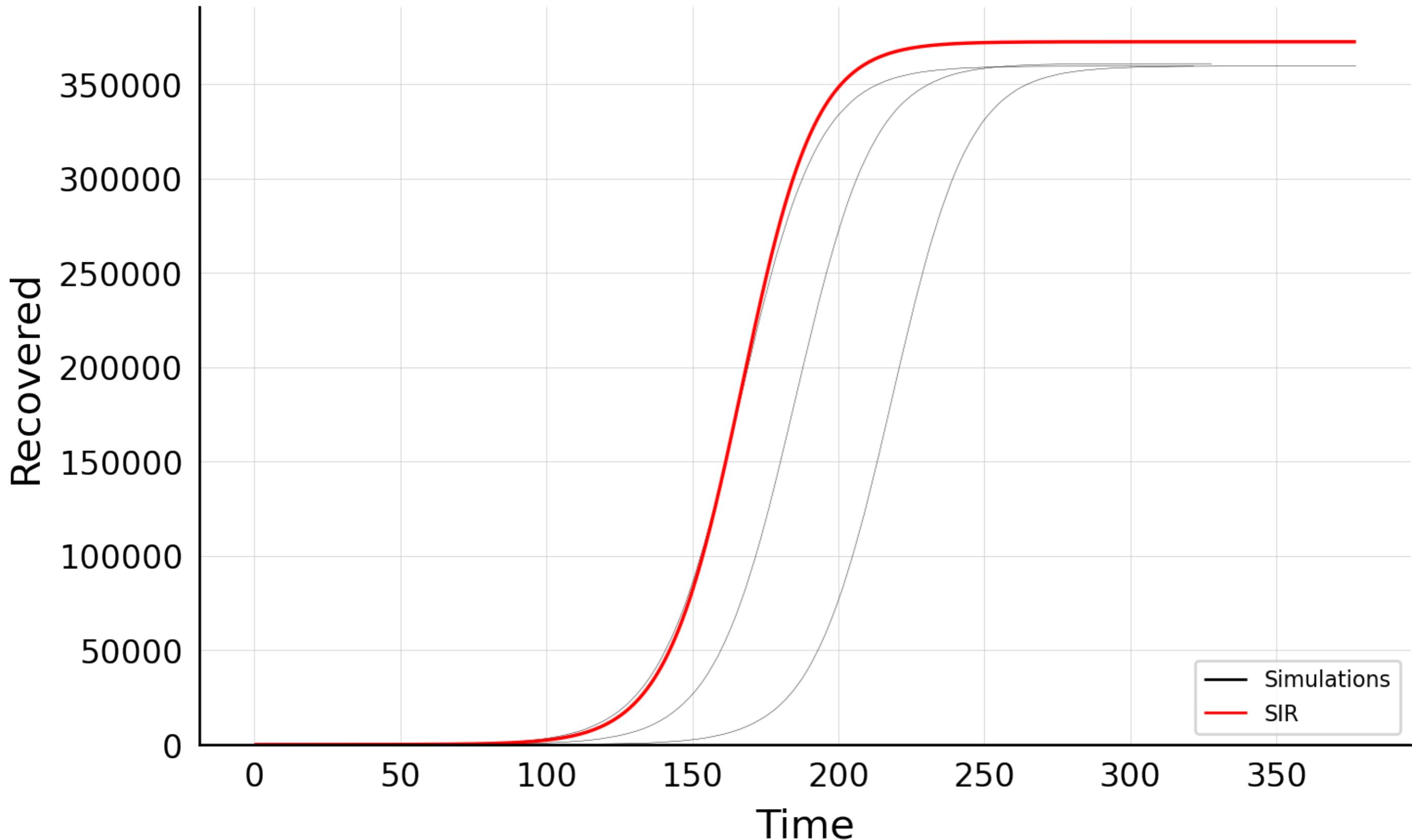
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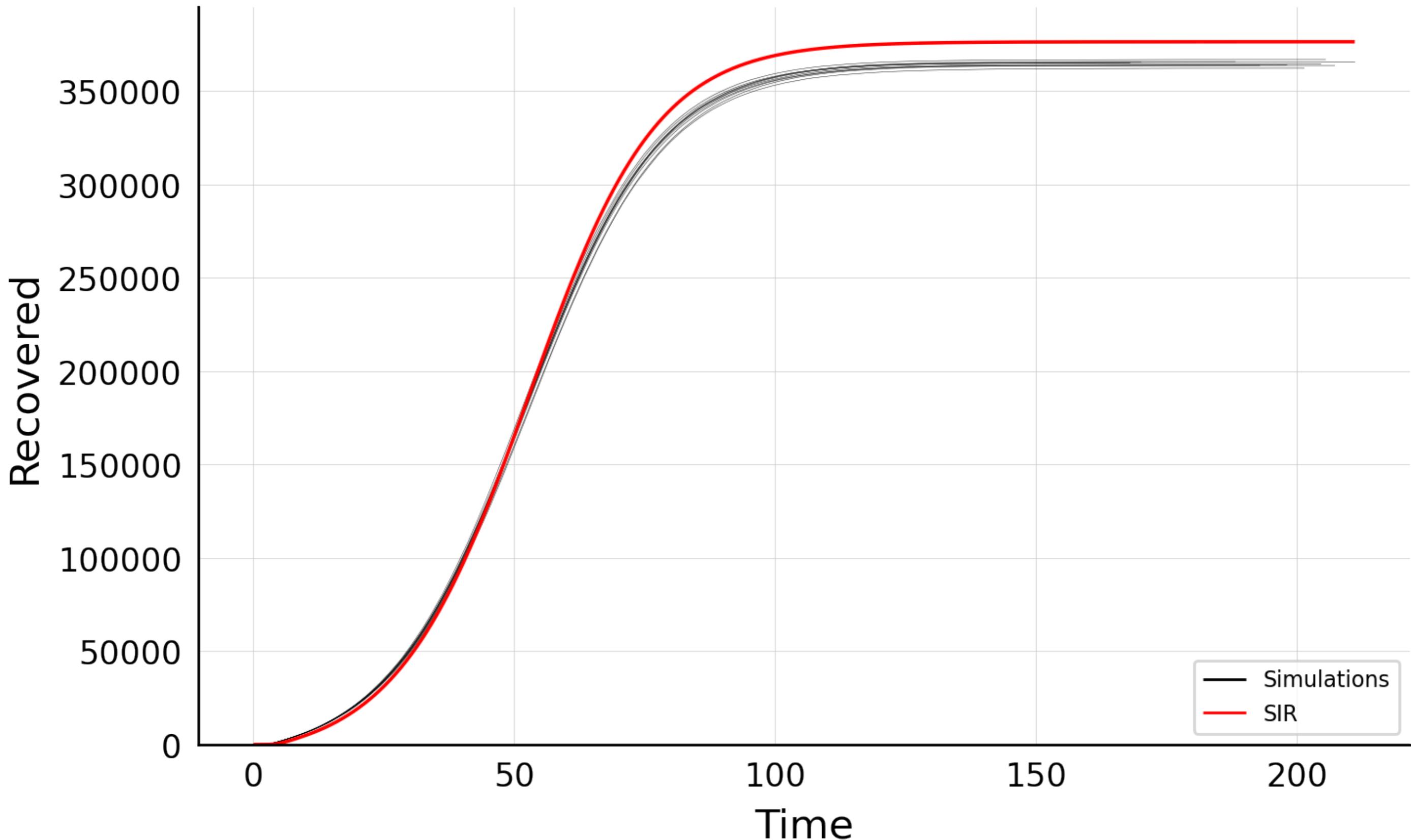
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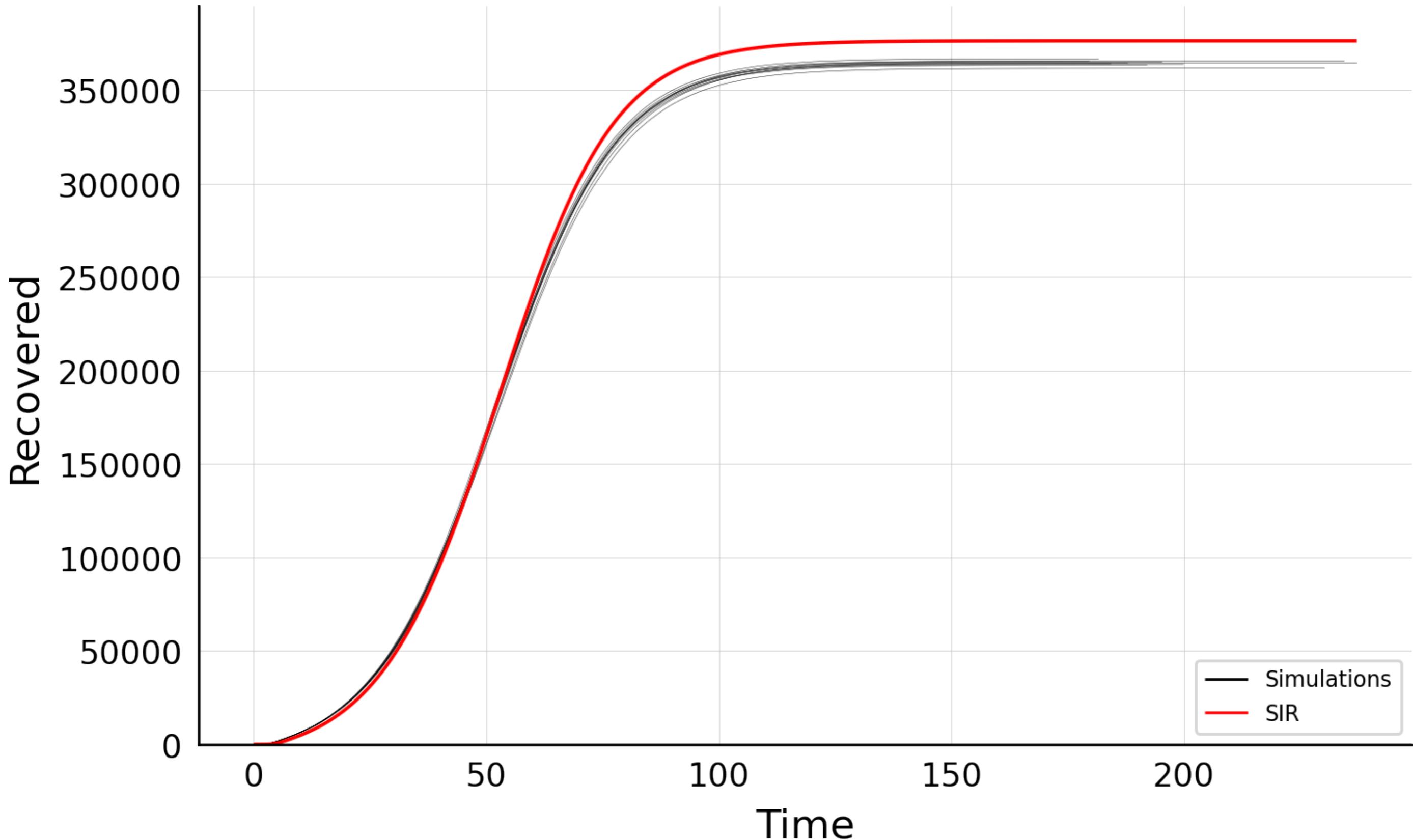
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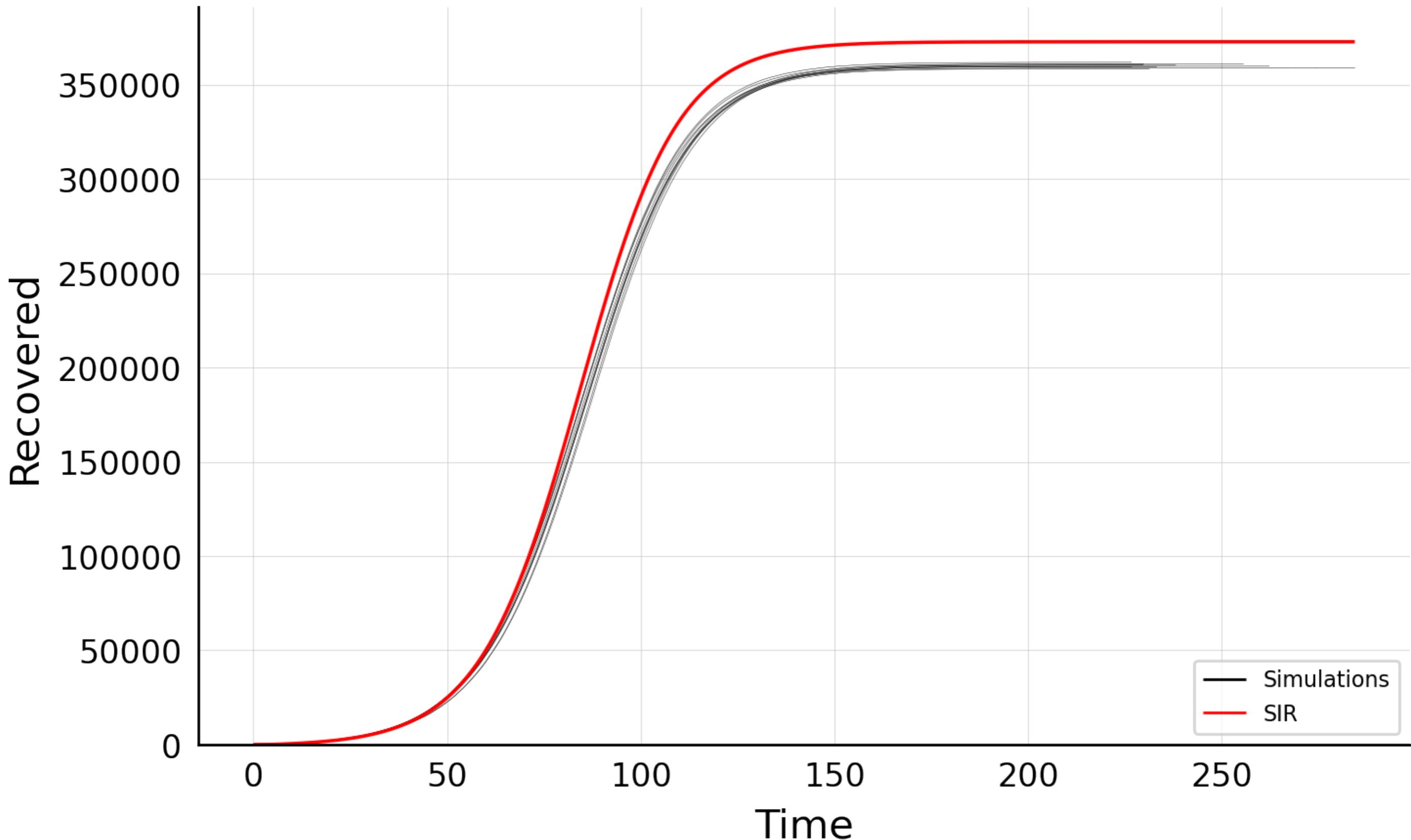
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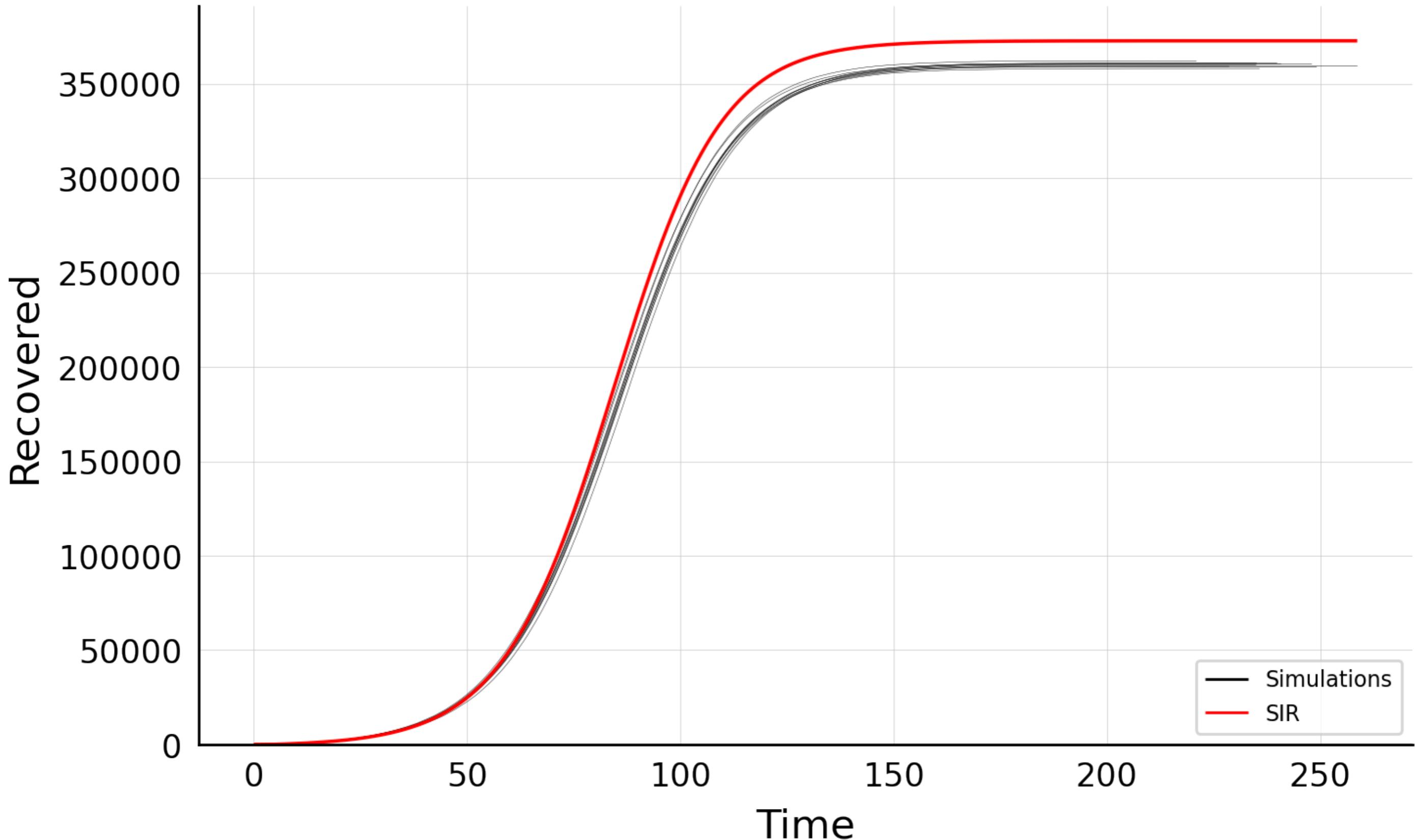
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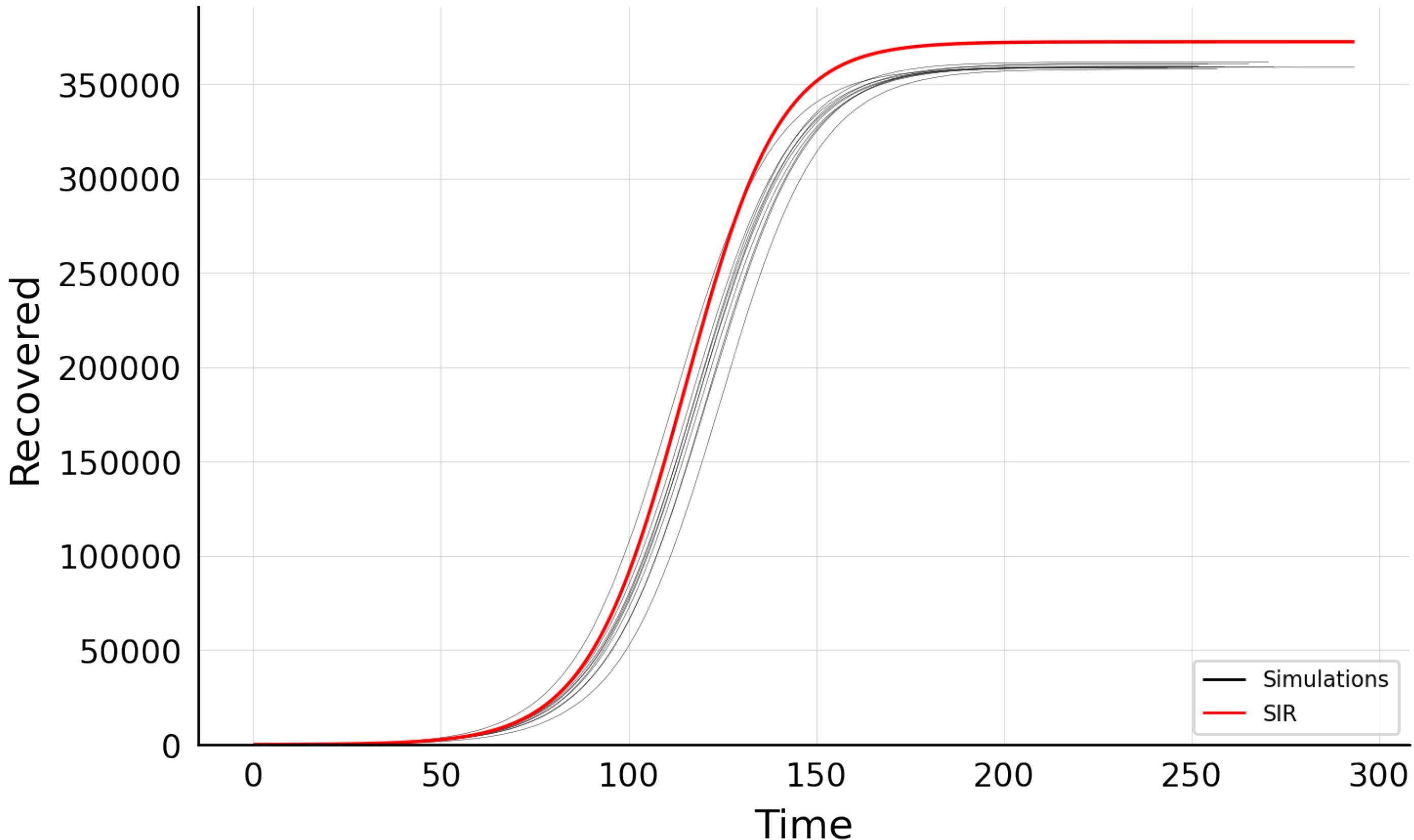
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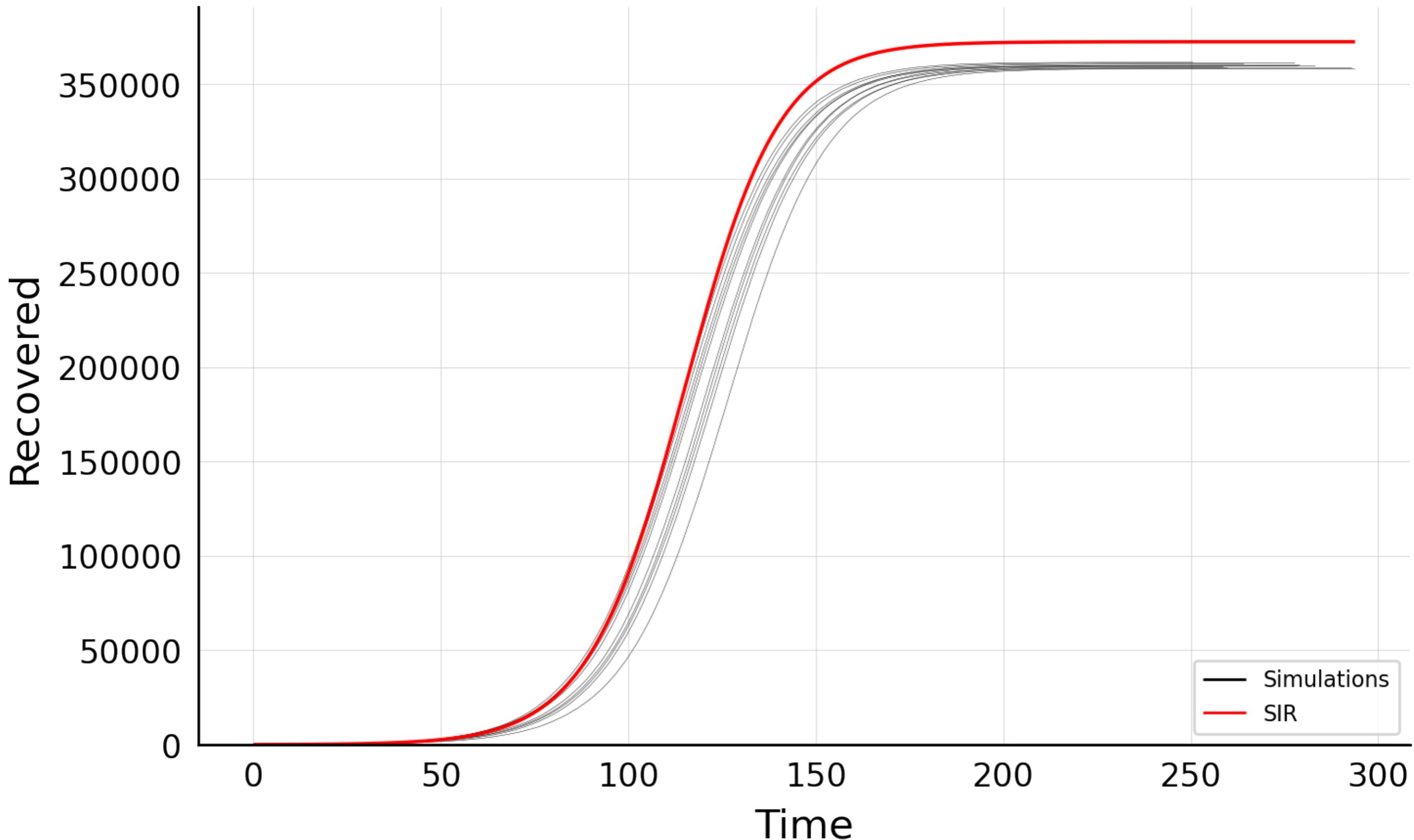
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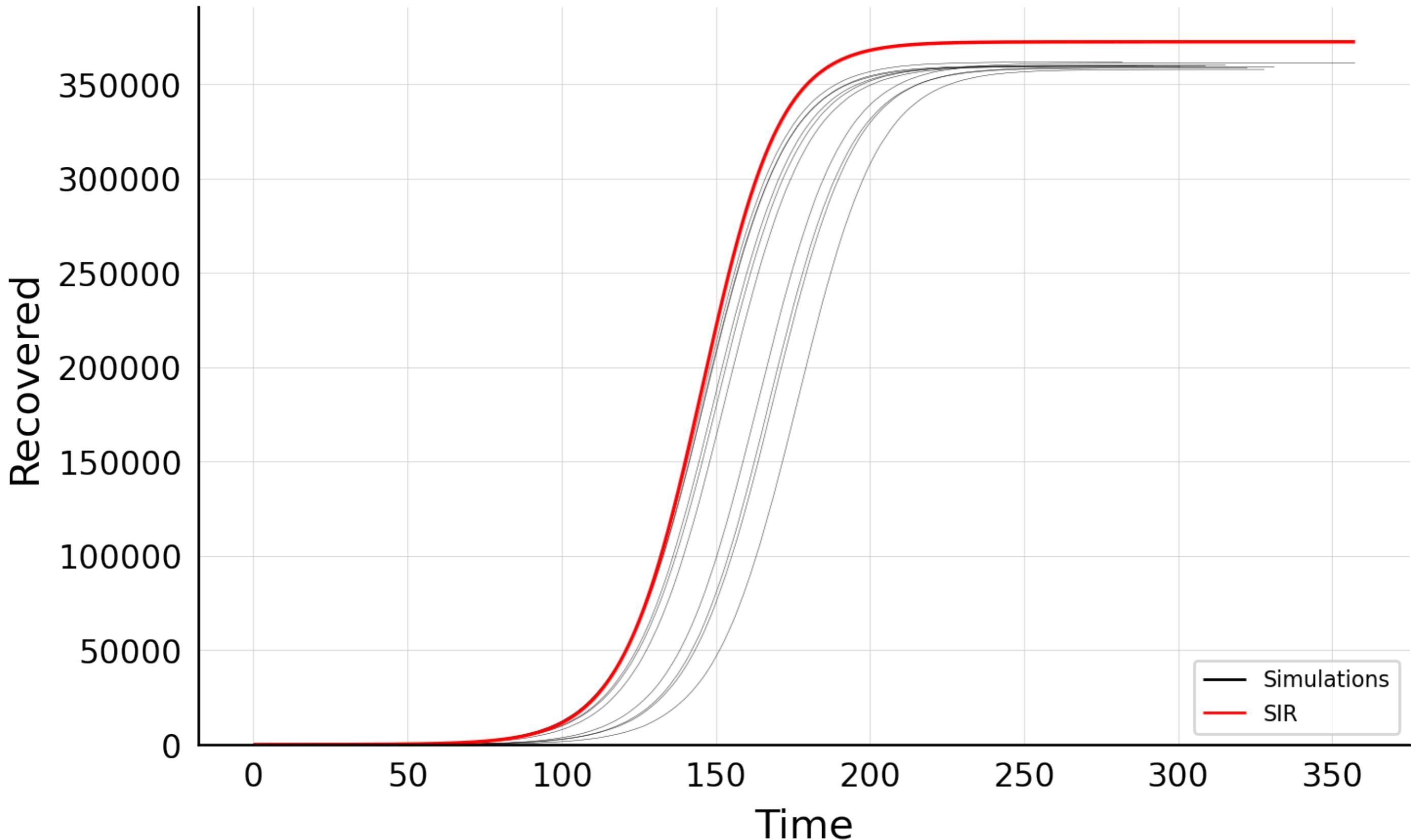
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_\rho = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #10



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



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

