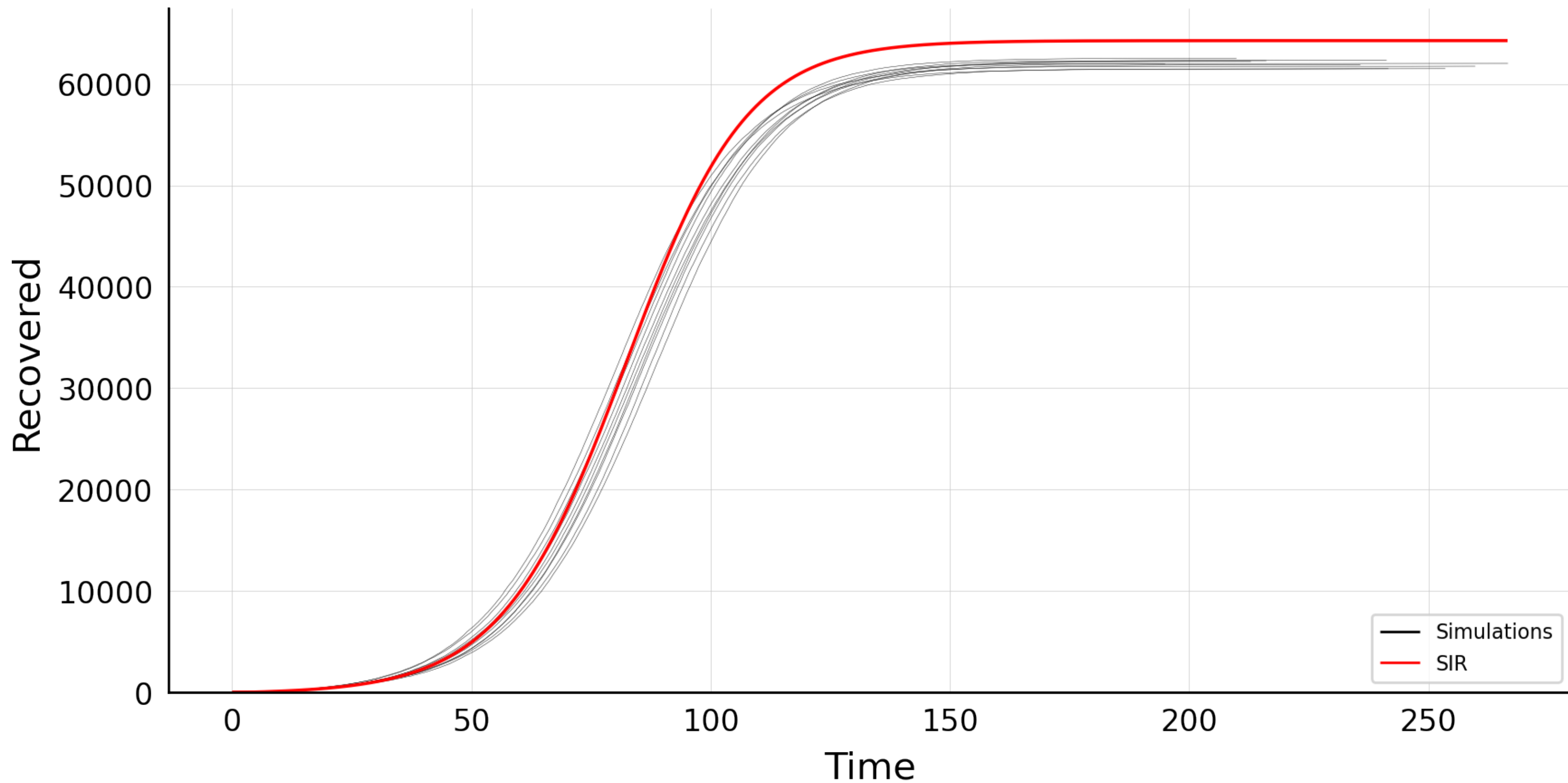
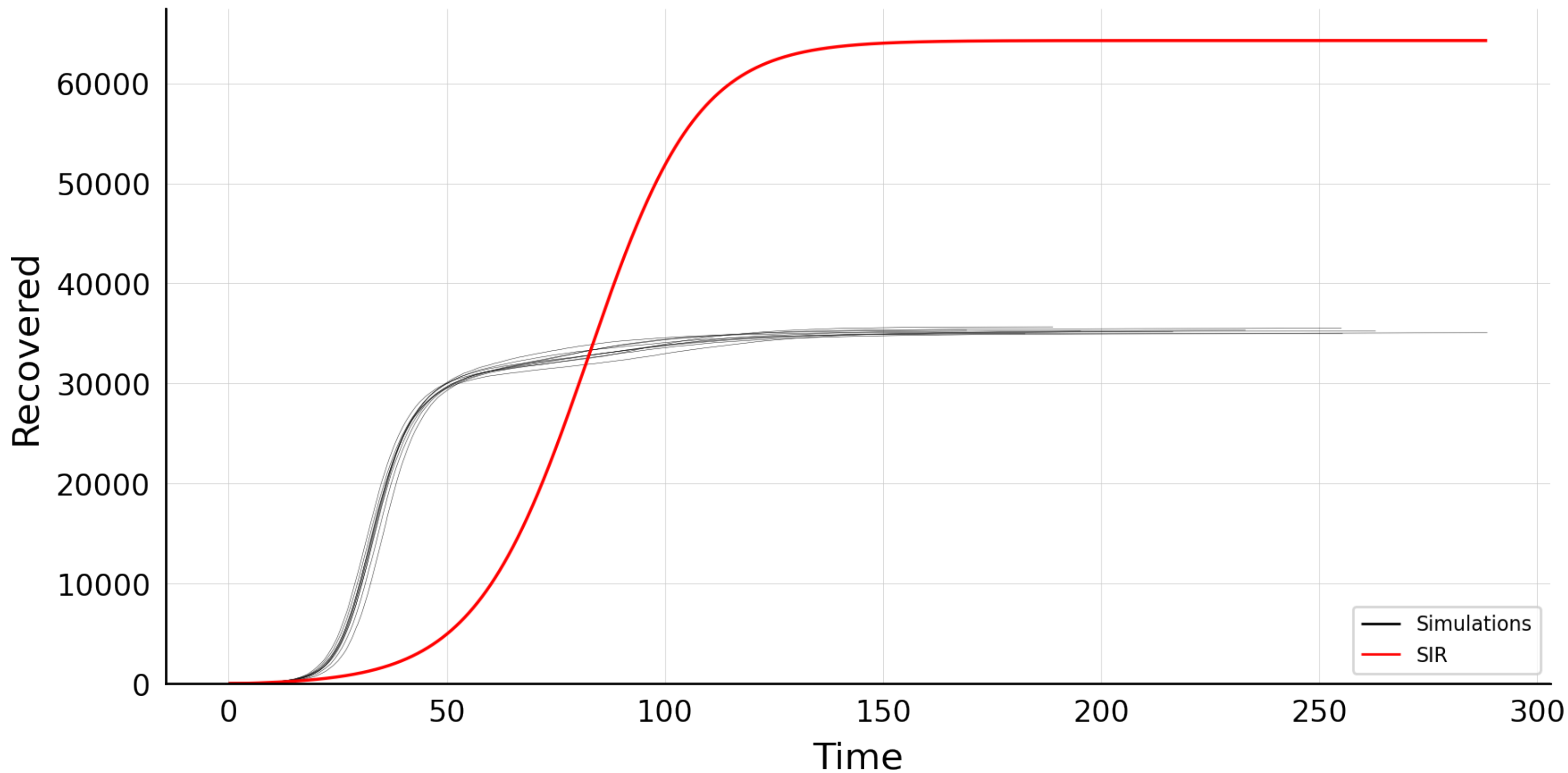


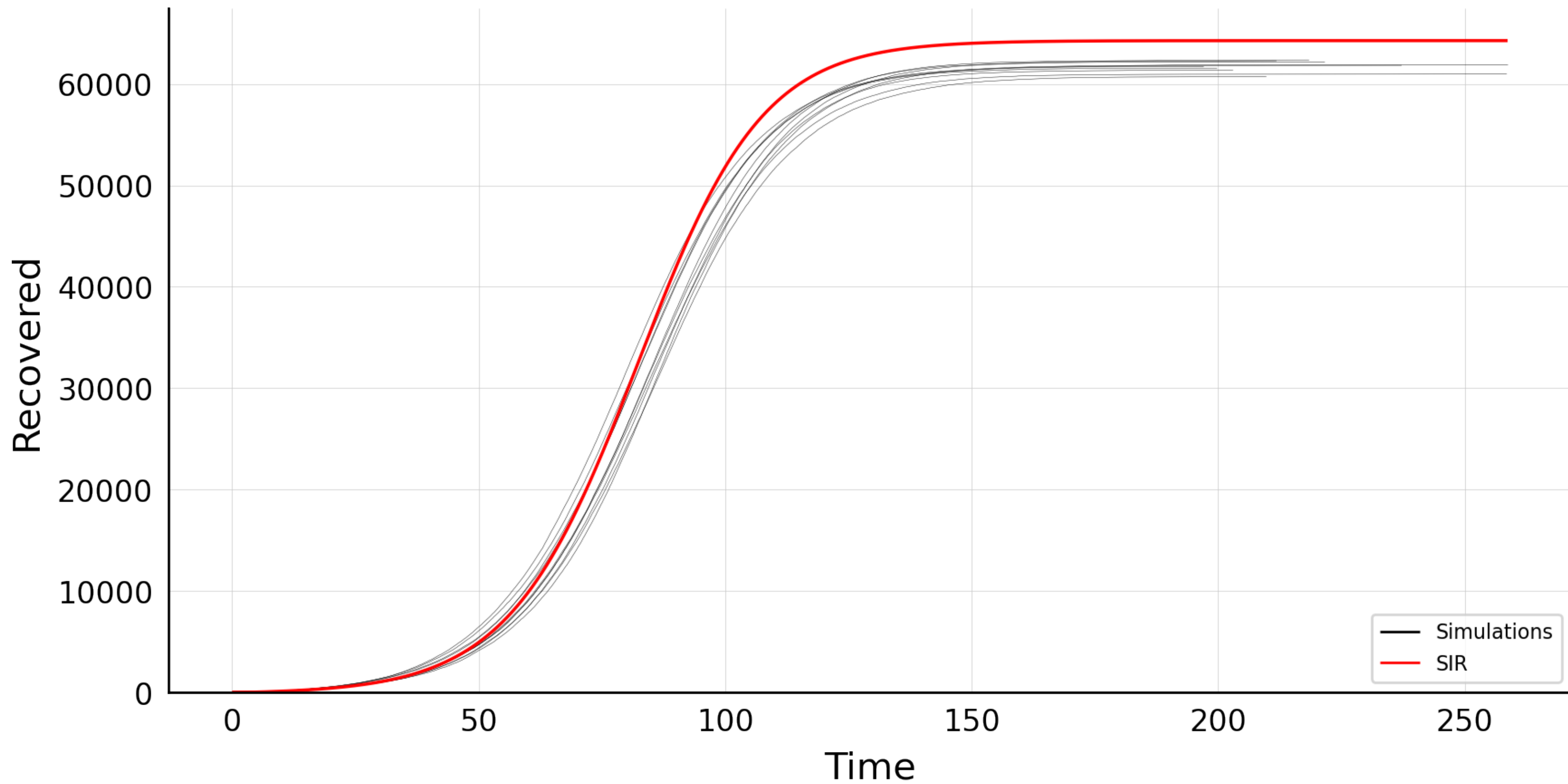
$N_{\text{tot}} = 100K$ ,  $N_{\text{init}} = 100$ ,  $N_{\text{ages}} = 1$ ,  $\mu = 40.0$ ,  $\sigma_{\mu} = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_{\beta} = 0.0$ ,  $\rho = 0.0$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\epsilon_{\rho} = 0.01$ ,  $\beta_{\text{scaling}} = 1.0$ ,  $\text{age}_{\text{mixing}}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



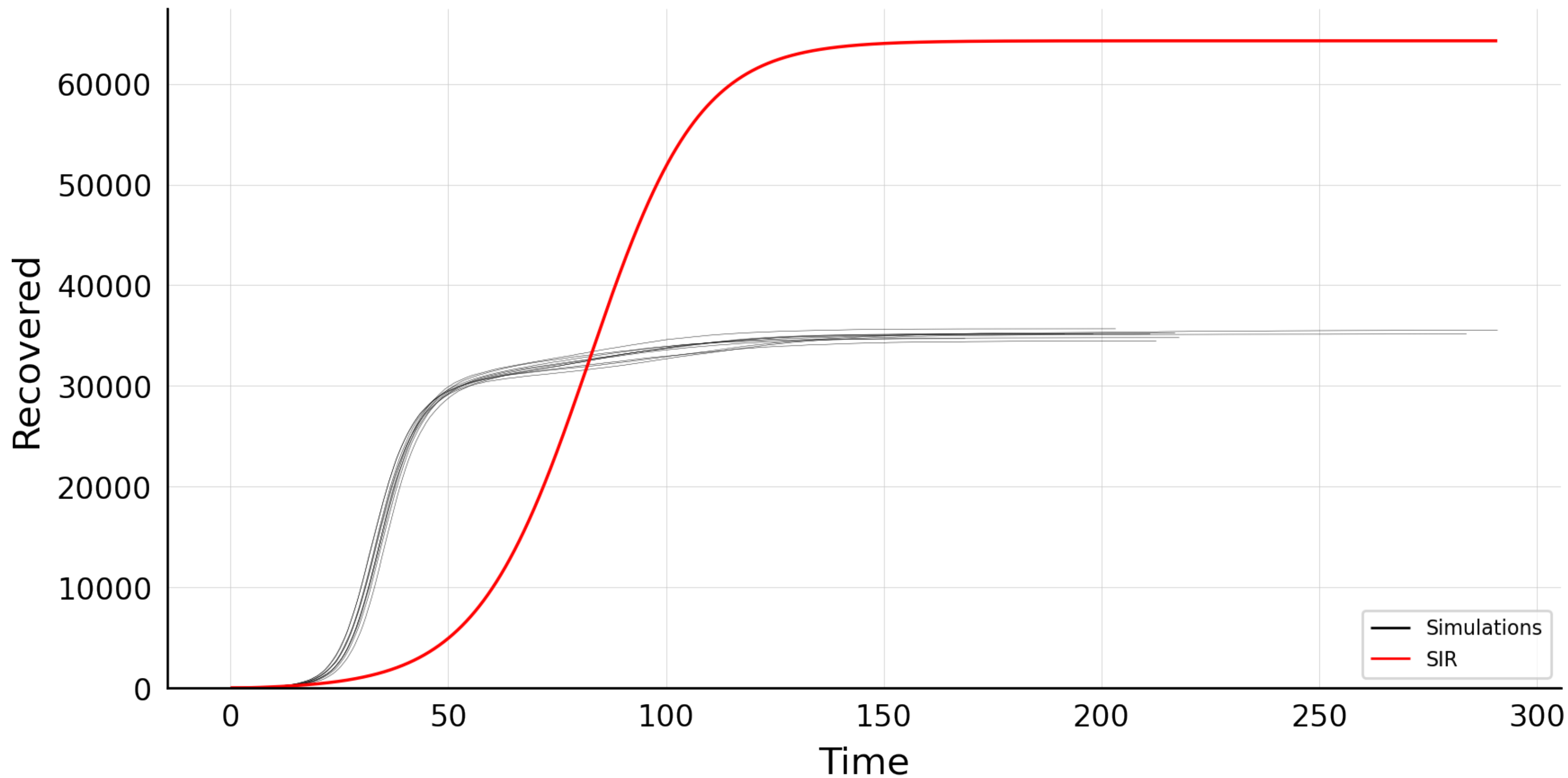
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 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\epsilon_{\rho} = 0.01$ ,  $\beta_{\text{scaling}} = 1.0$ ,  $\text{age}_{\text{mixing}} = 1.0$ ,  $\text{algo} = 2$ ,  $\#10$



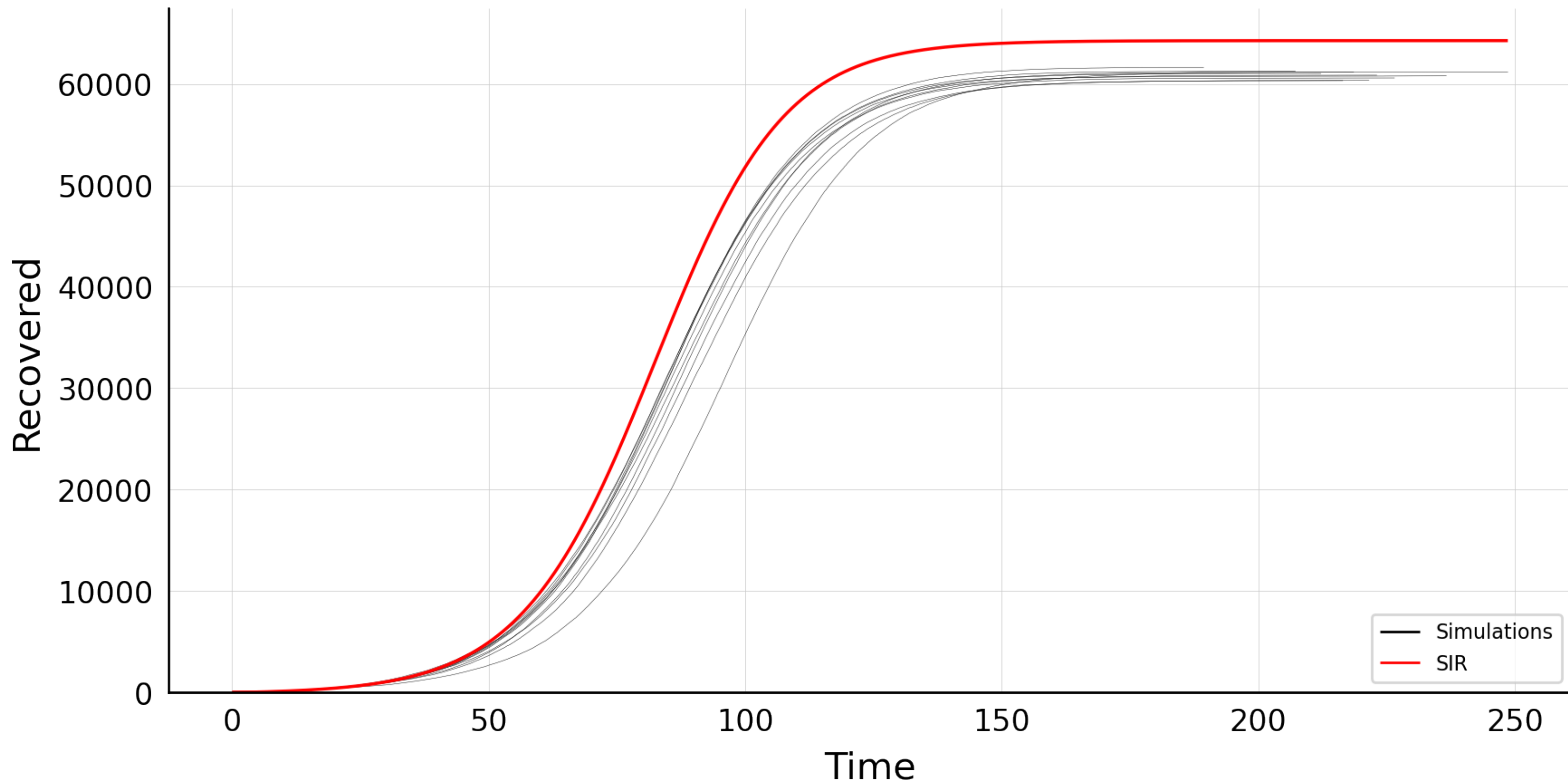
$N_{\text{tot}} = 100K, N_{\text{init}} = 100, N_{\text{ages}} = 1, \mu = 40.0, \sigma_{\mu} = 0.0, \beta = 0.01, \sigma_{\beta} = 0.25, \rho = 0.0$   
 $\lambda_E = 1.0, \lambda_I = 1.0, \epsilon_{\rho} = 0.01, \beta_{\text{scaling}} = 1.0, \text{age}_{\text{mixing}} = 1.0, \text{algo} = 2, \#10$



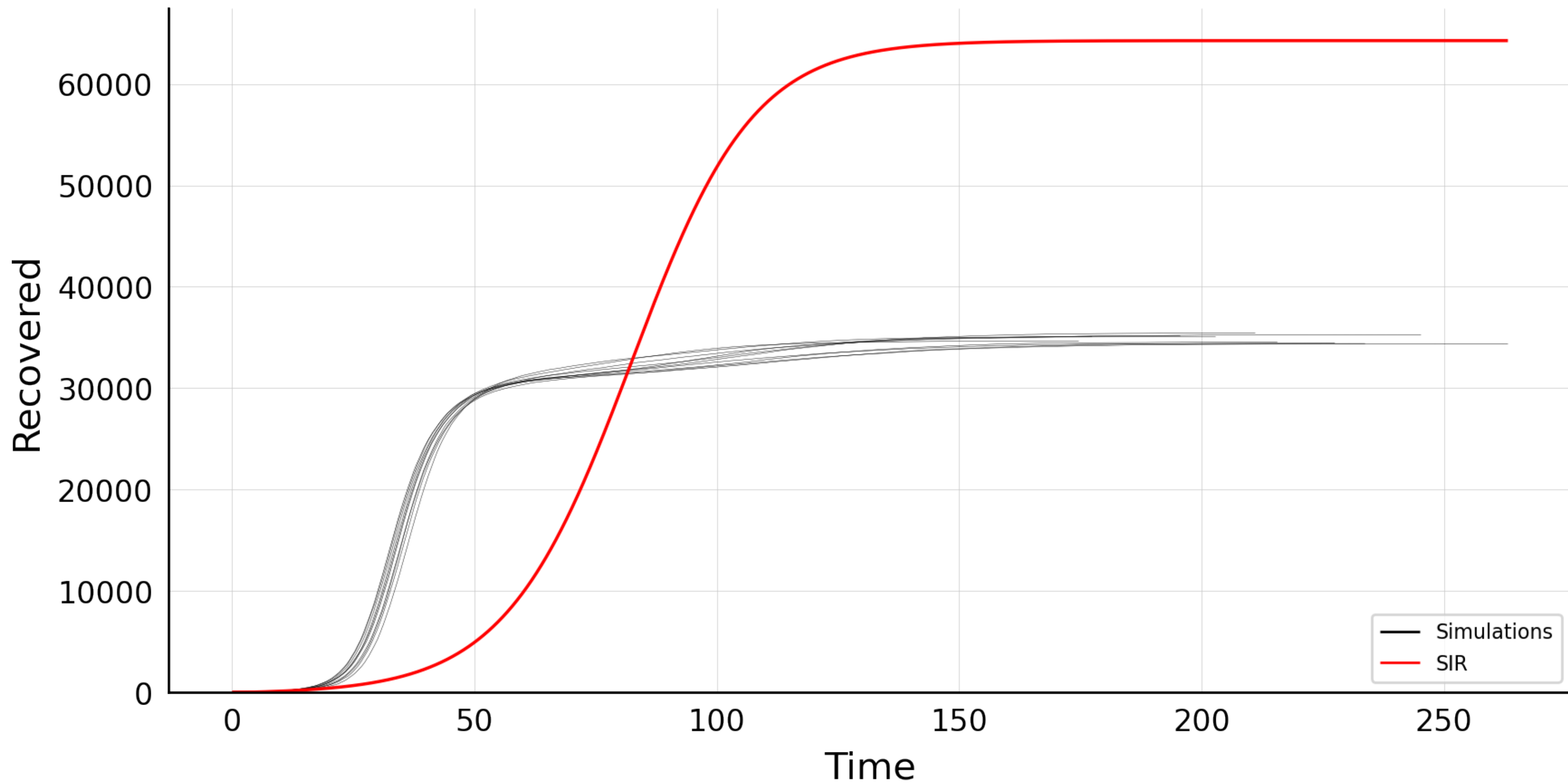
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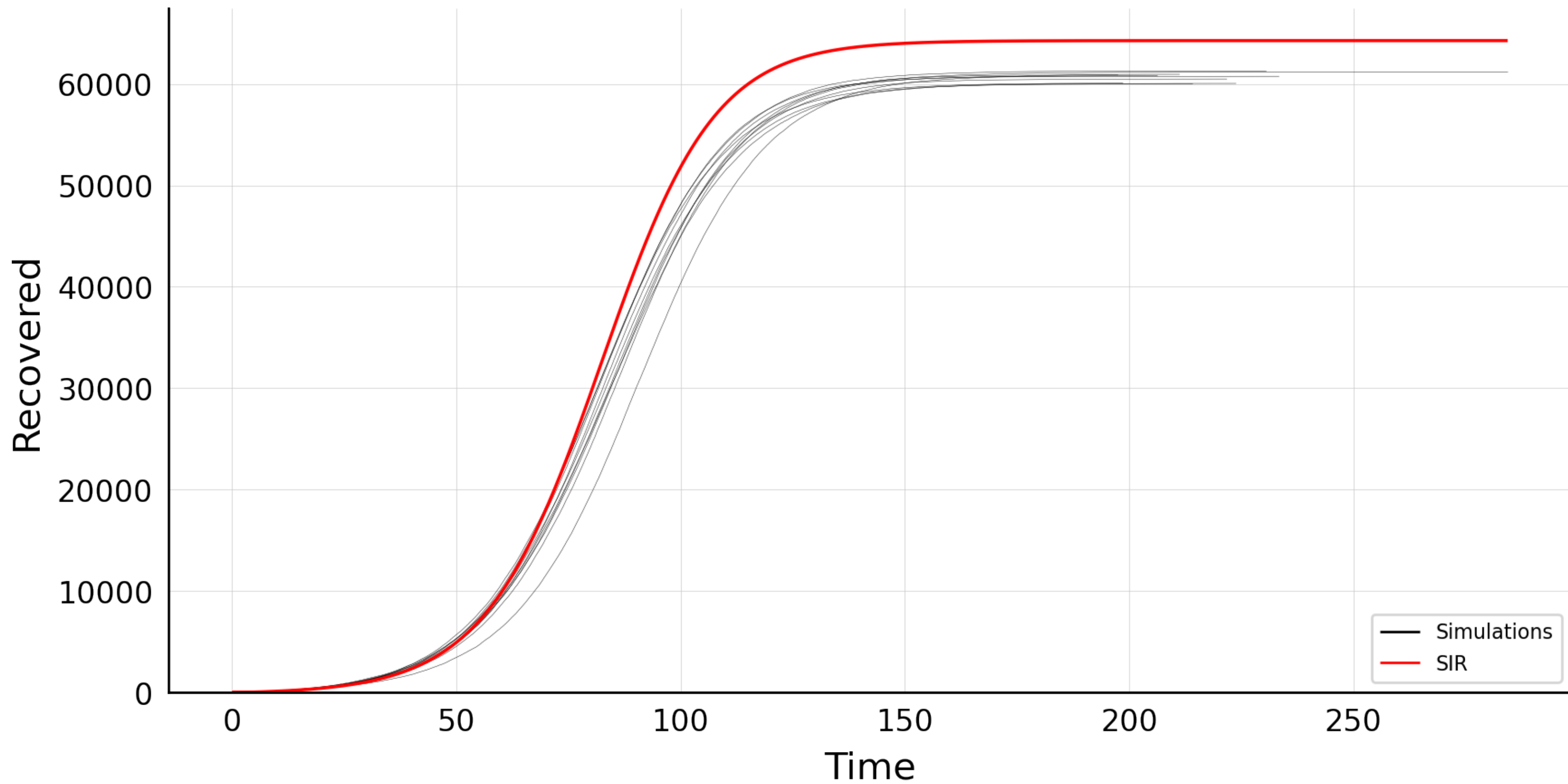
$N_{\text{tot}} = 100K$ ,  $N_{\text{init}} = 100$ ,  $N_{\text{ages}} = 1$ ,  $\mu = 40.0$ ,  $\sigma_{\mu} = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_{\beta} = 0.5$ ,  $\rho = 0.0$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\epsilon_{\rho} = 0.01$ ,  $\beta_{\text{scaling}} = 1.0$ ,  $\text{age}_{\text{mixing}} = 1.0$ ,  $\text{algo} = 2$ ,  $\#10$



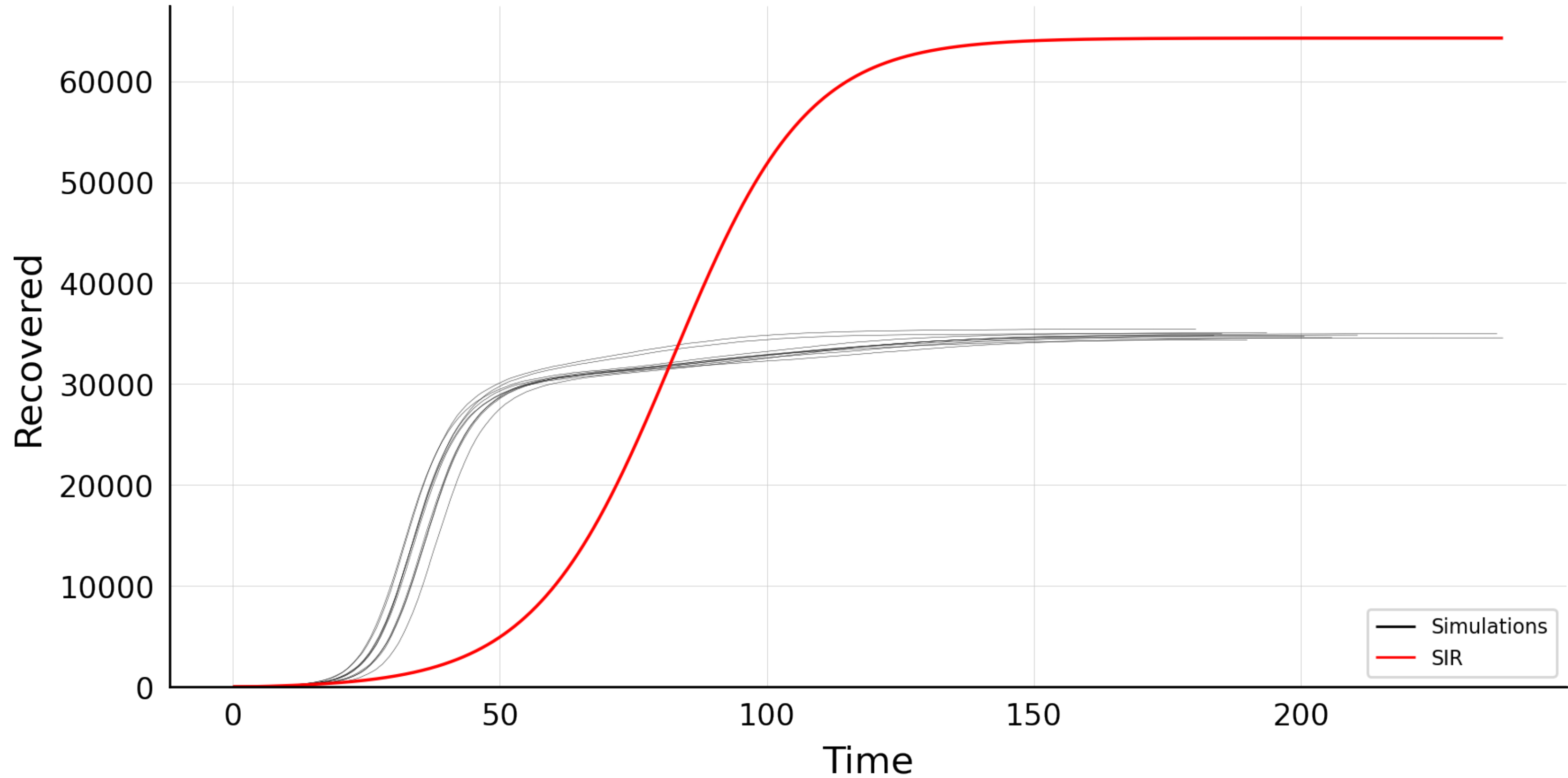
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 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\epsilon_{\rho} = 0.01$ ,  $\beta_{\text{scaling}} = 1.0$ ,  $\text{age}_{\text{mixing}} = 1.0$ ,  $\text{algo} = 2$ ,  $\#10$



$N_{\text{tot}} = 100K$ ,  $N_{\text{init}} = 100$ ,  $N_{\text{ages}} = 1$ ,  $\mu = 40.0$ ,  $\sigma_{\mu} = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_{\beta} = 0.75$ ,  $\rho = 0.0$   
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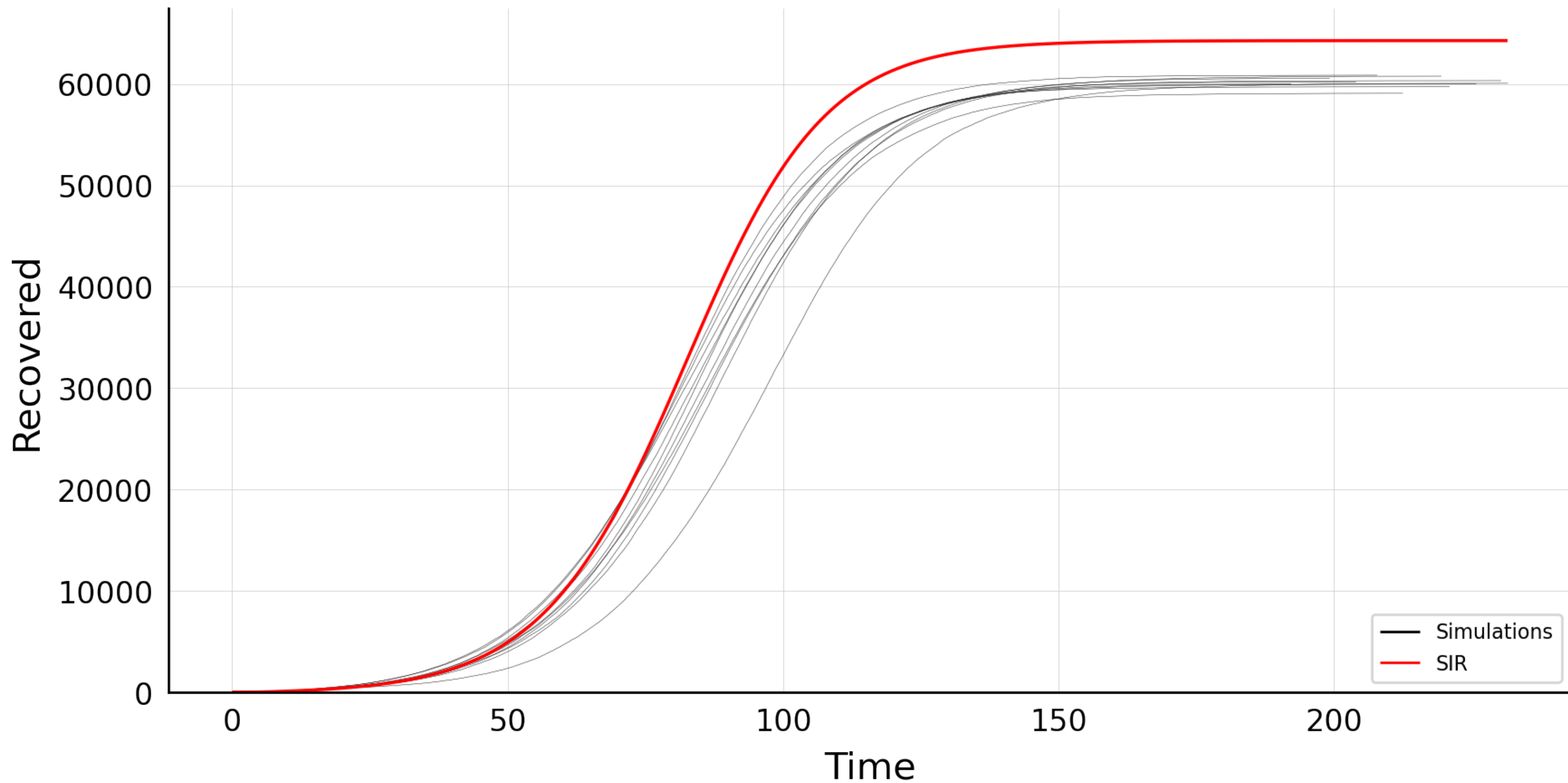


$N_{\text{tot}} = 100K$ ,  $N_{\text{init}} = 100$ ,  $N_{\text{ages}} = 1$ ,  $\mu = 40.0$ ,  $\sigma_{\mu} = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_{\beta} = 0.75$ ,  $\rho = 100.0$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\epsilon_{\rho} = 0.01$ ,  $\beta_{\text{scaling}} = 1.0$ ,  $\text{age}_{\text{mixing}} = 1.0$ ,  $\text{algo} = 2$ ,  $\#10$

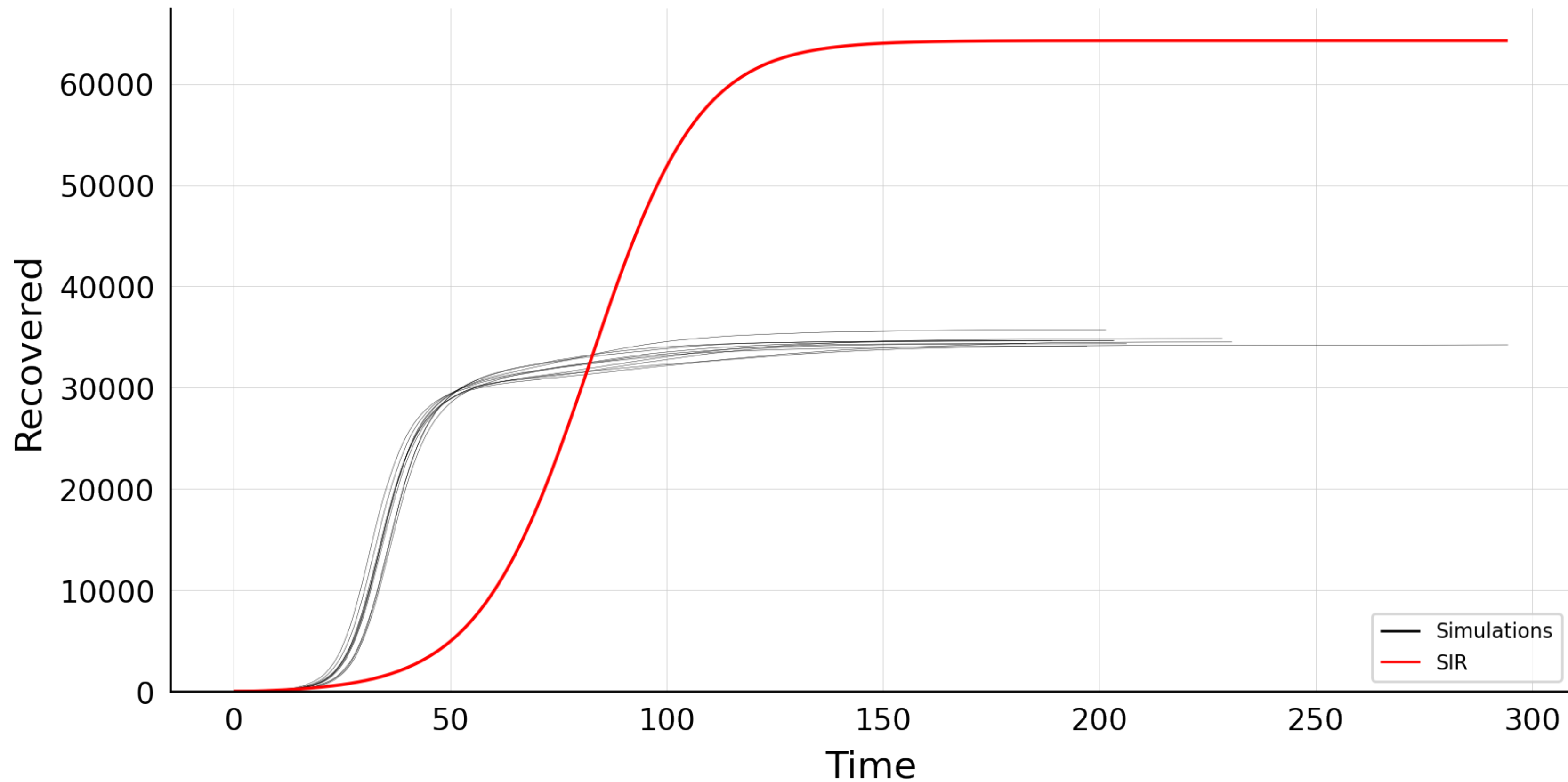




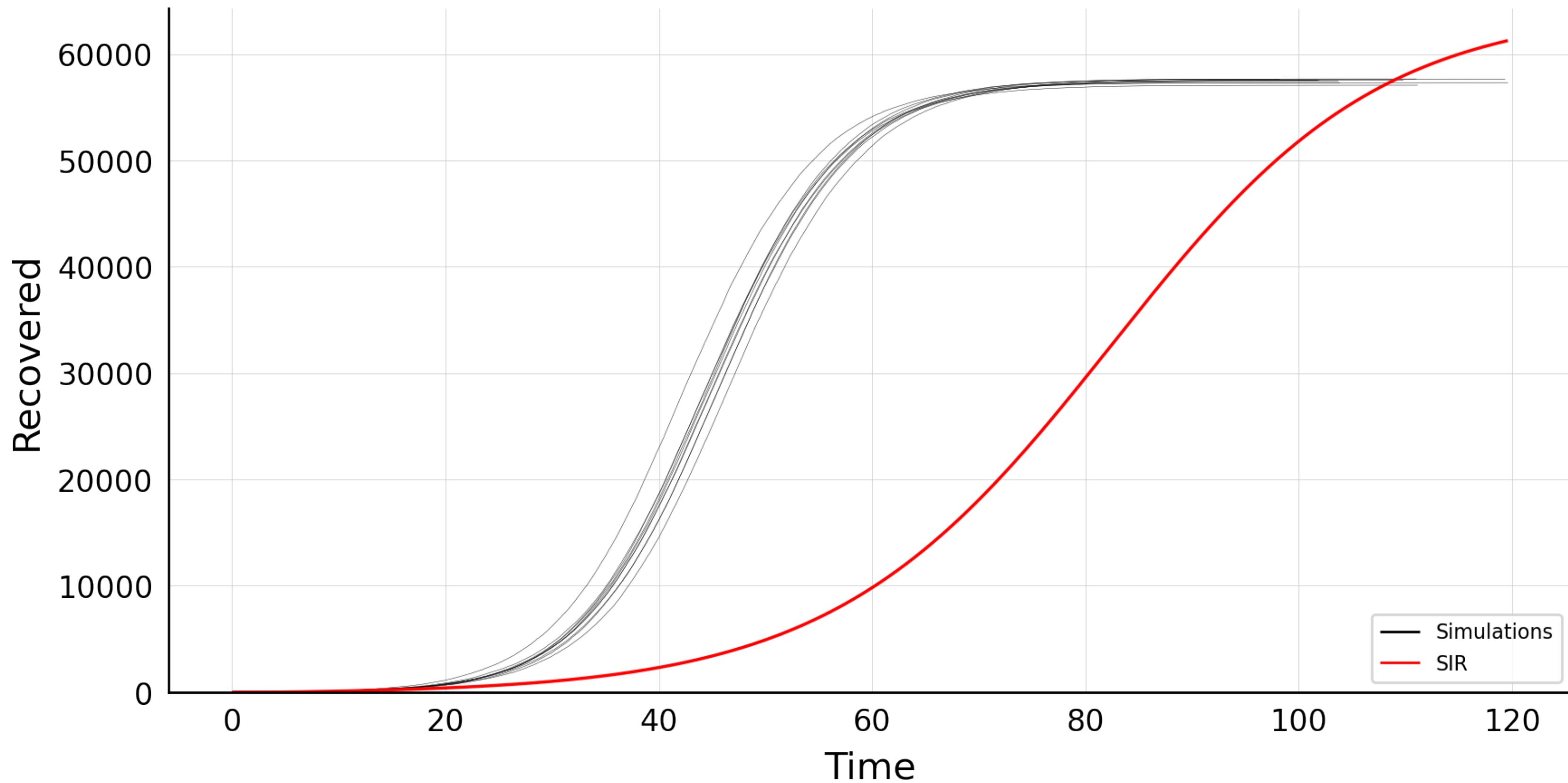
$N_{\text{tot}} = 100K$ ,  $N_{\text{init}} = 100$ ,  $N_{\text{ages}} = 1$ ,  $\mu = 40.0$ ,  $\sigma_{\mu} = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_{\beta} = 1.0$ ,  $\rho = 0.0$   
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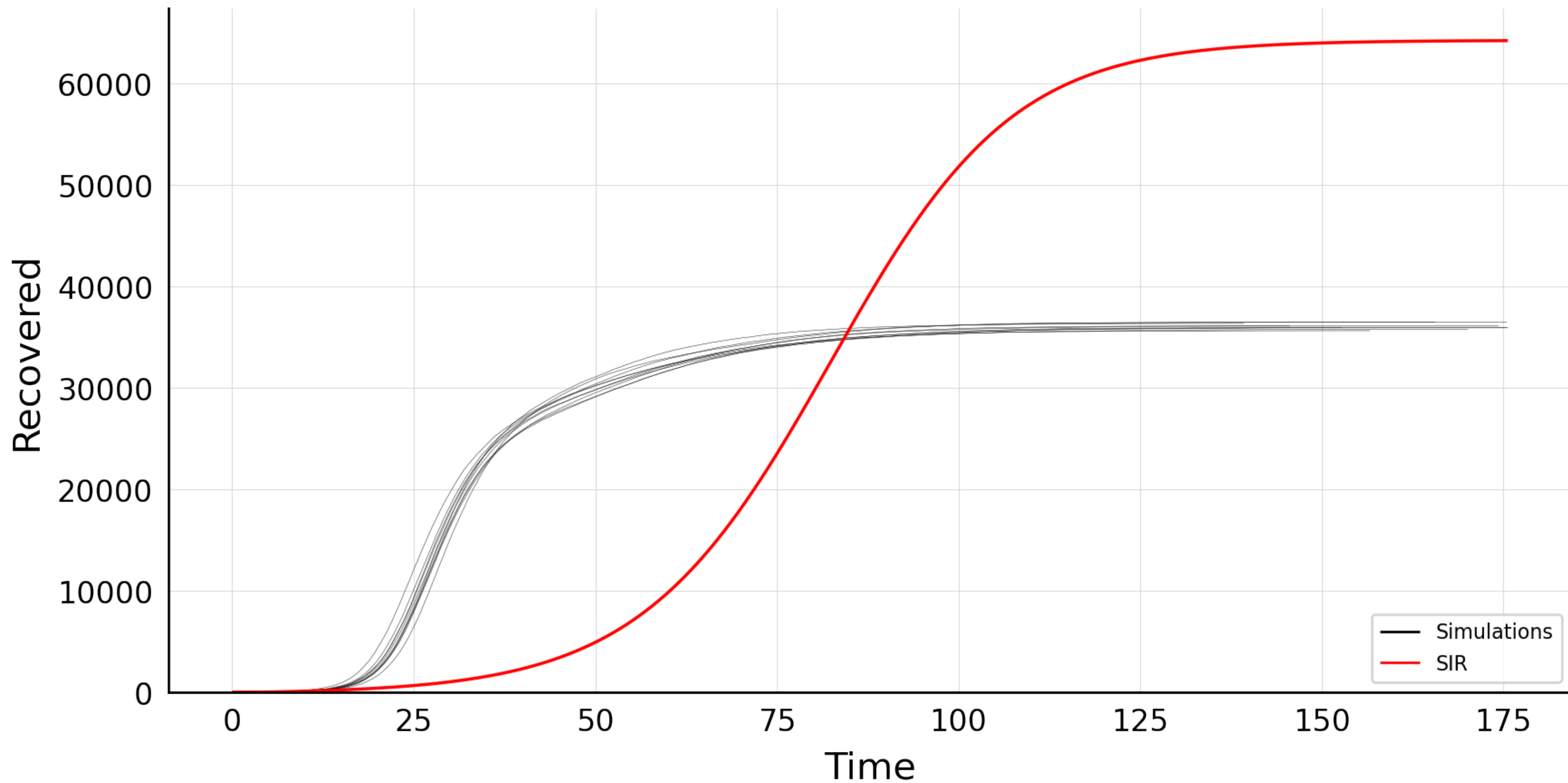
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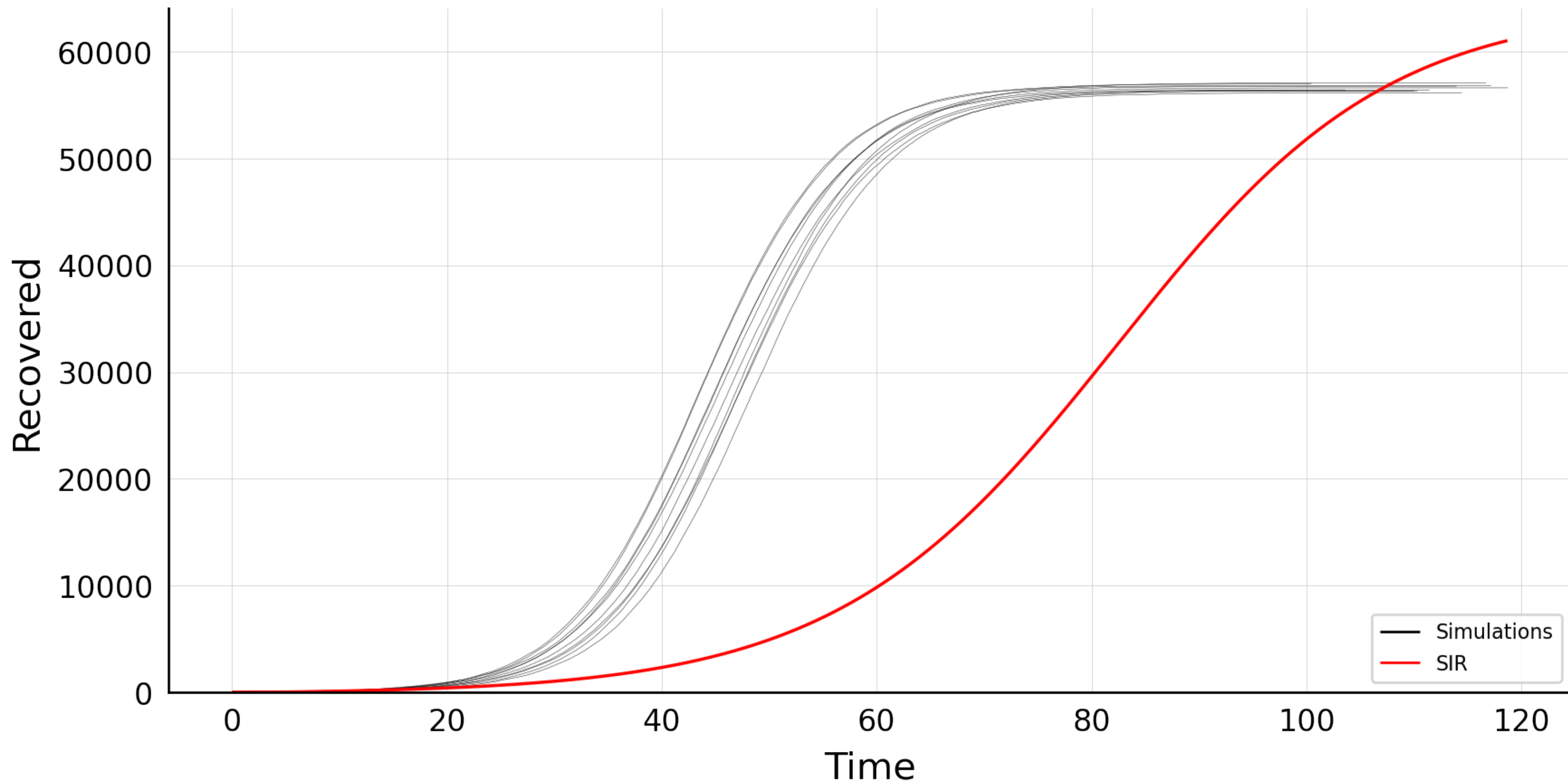
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$N_{\text{tot}} = 100K$ ,  $N_{\text{init}} = 100$ ,  $N_{\text{ages}} = 1$ ,  $\mu = 40.0$ ,  $\sigma_{\mu} = 1.0$ ,  $\beta = 0.01$ ,  $\sigma_{\beta} = 0.0$ ,  $\rho = 100.0$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\epsilon_{\rho} = 0.01$ ,  $\beta_{\text{scaling}} = 1.0$ ,  $\text{age}_{\text{mixing}} = 1.0$ ,  $\text{algo} = 2$ ,  $\#10$



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



$N_{\text{tot}} = 100K$ ,  $N_{\text{init}} = 100$ ,  $N_{\text{ages}} = 1$ ,  $\mu = 40.0$ ,  $\sigma_{\mu} = 1.0$ ,  $\beta = 0.01$ ,  $\sigma_{\beta} = 1.0$ ,  $\rho = 100.0$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\epsilon_{\rho} = 0.01$ ,  $\beta_{\text{scaling}} = 1.0$ ,  $\text{age}_{\text{mixing}} = 1.0$ ,  $\text{algo} = 2$ ,  $\#10$

