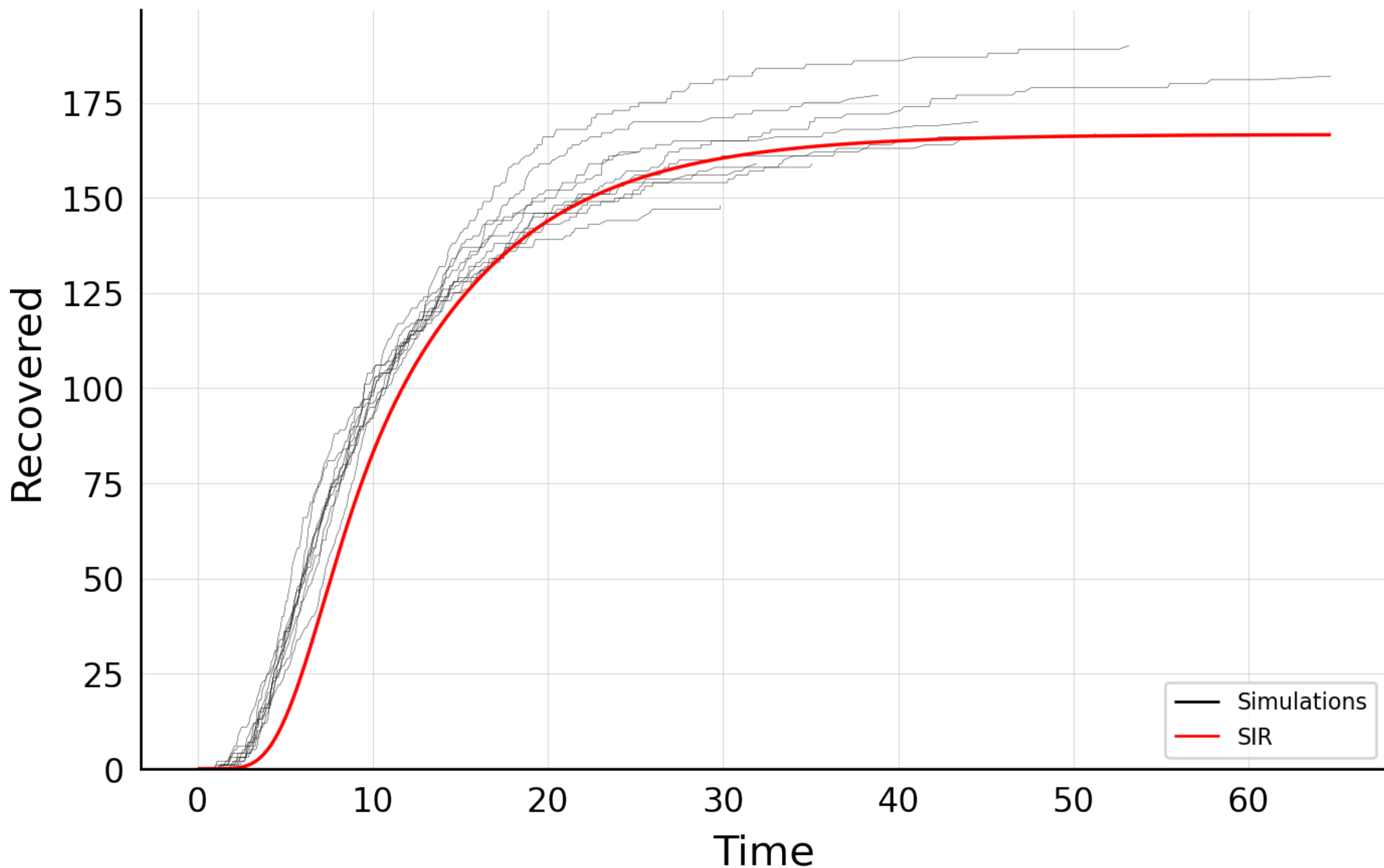
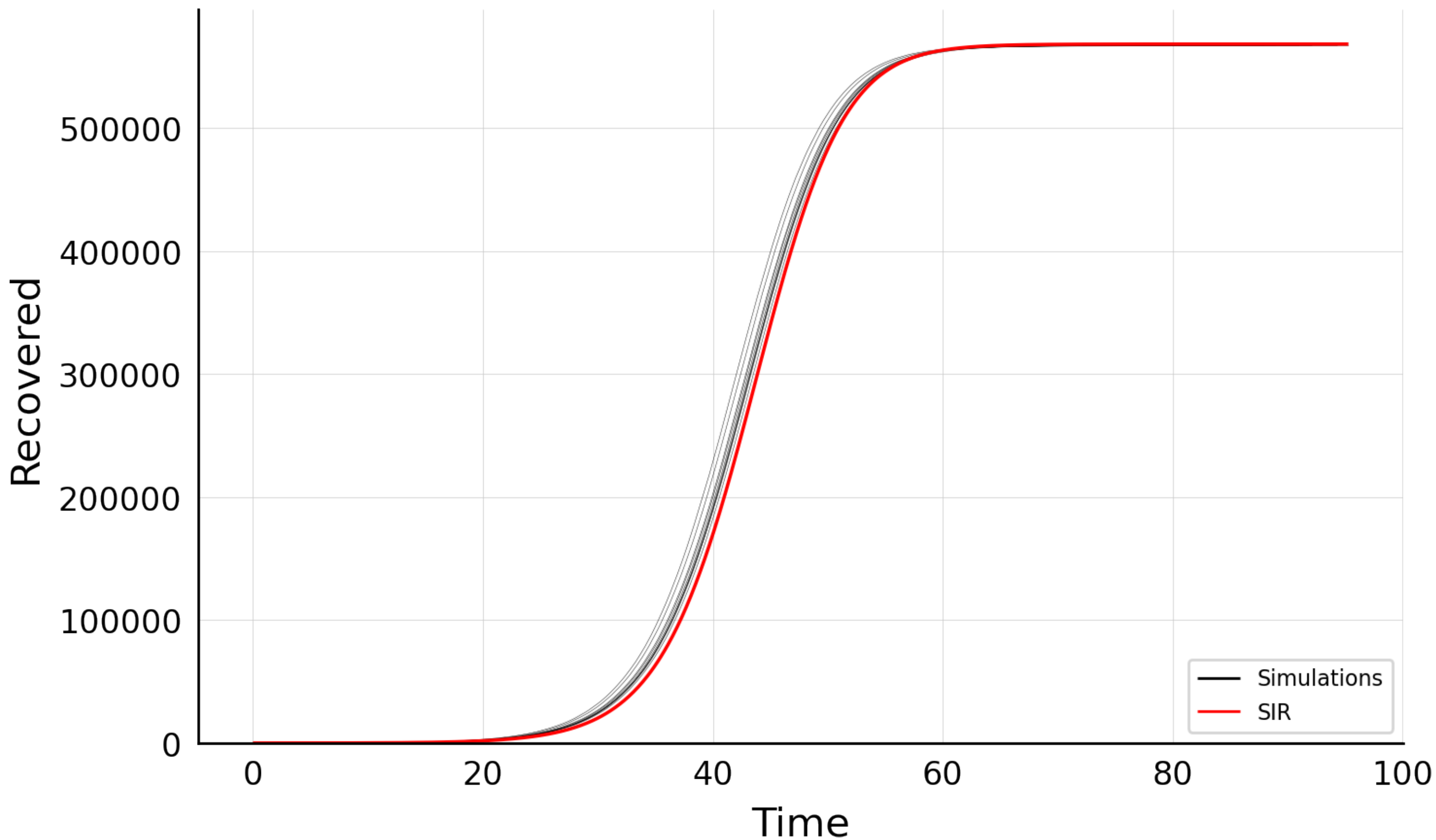


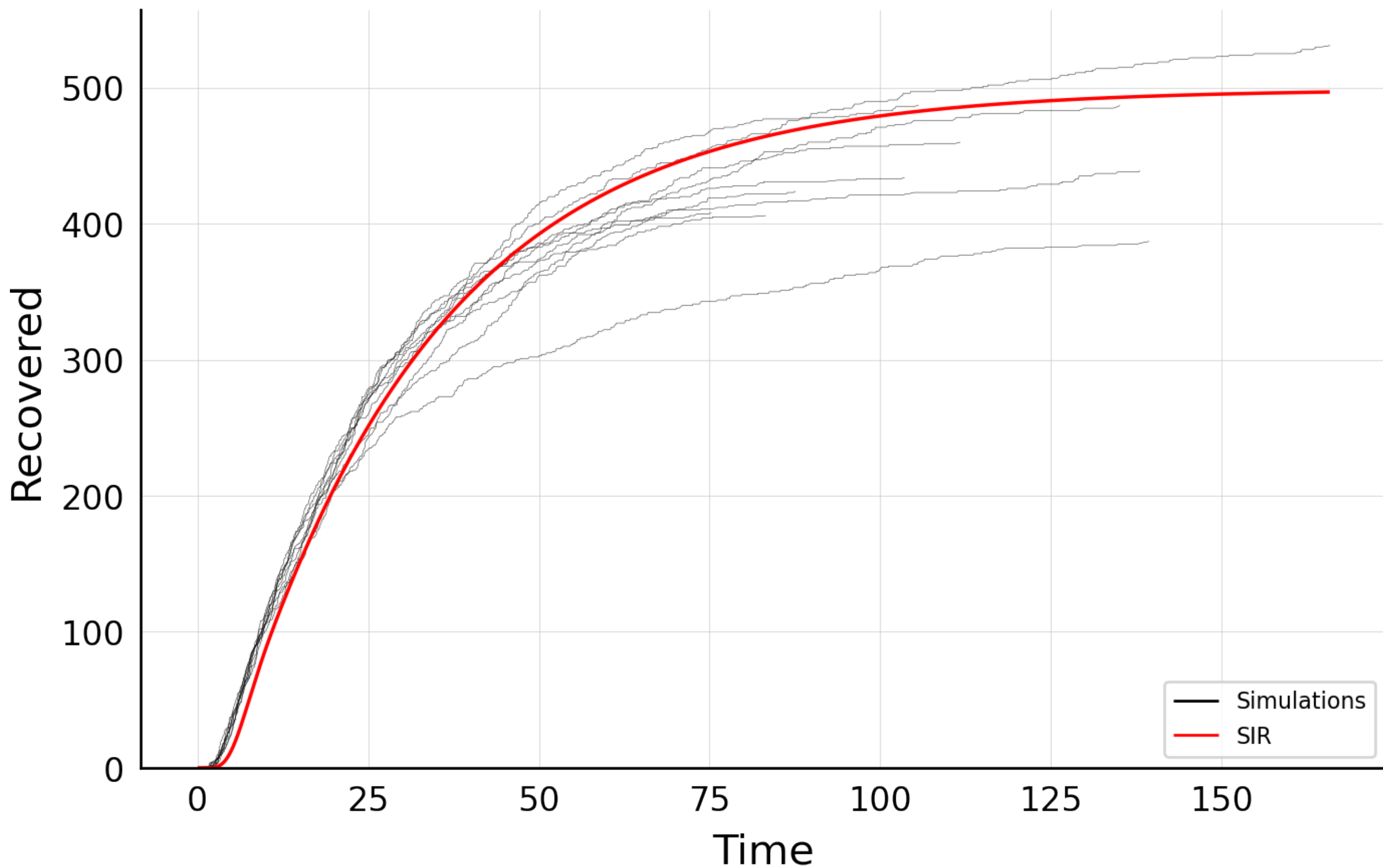
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, $\#10$



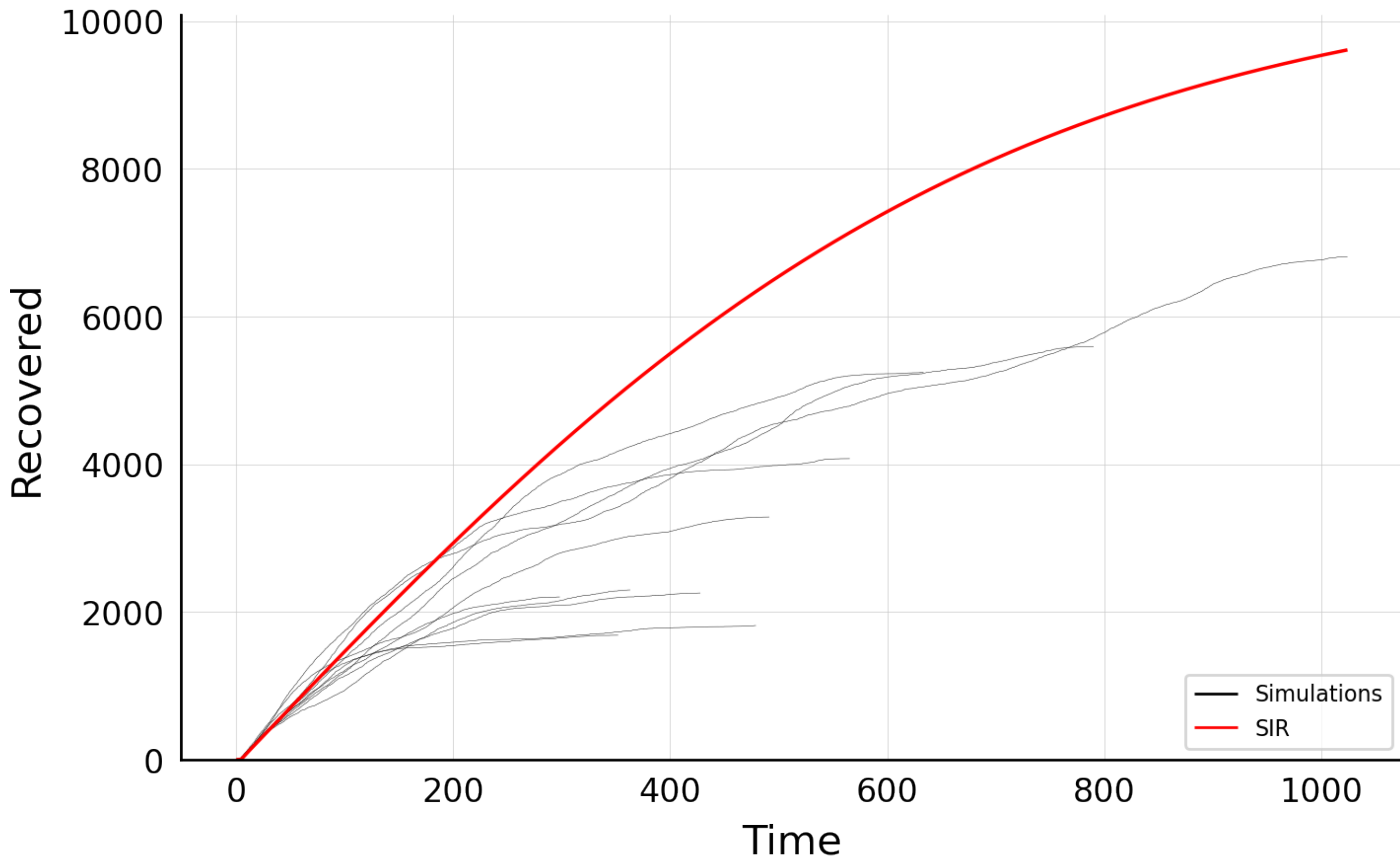
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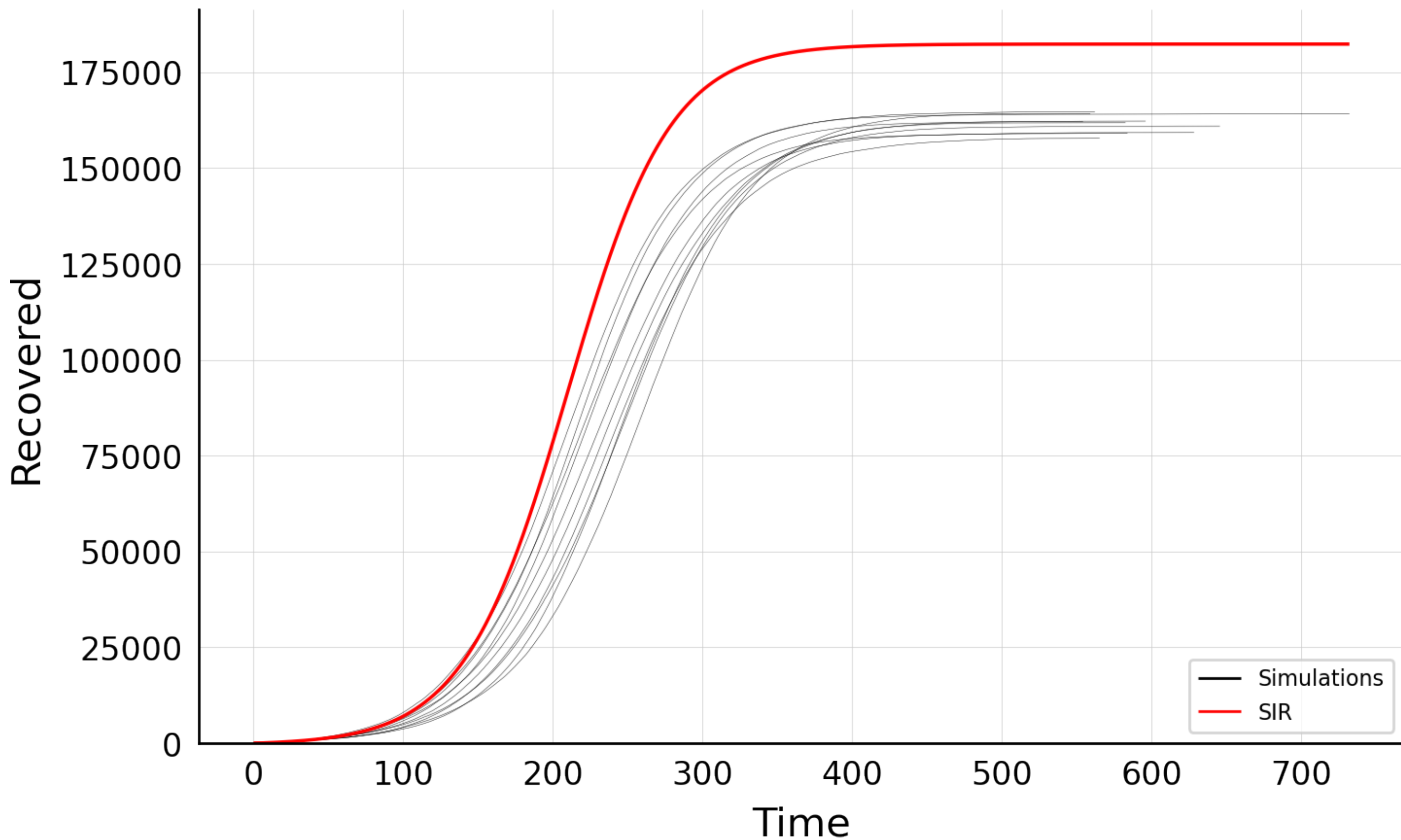
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, $\#10$



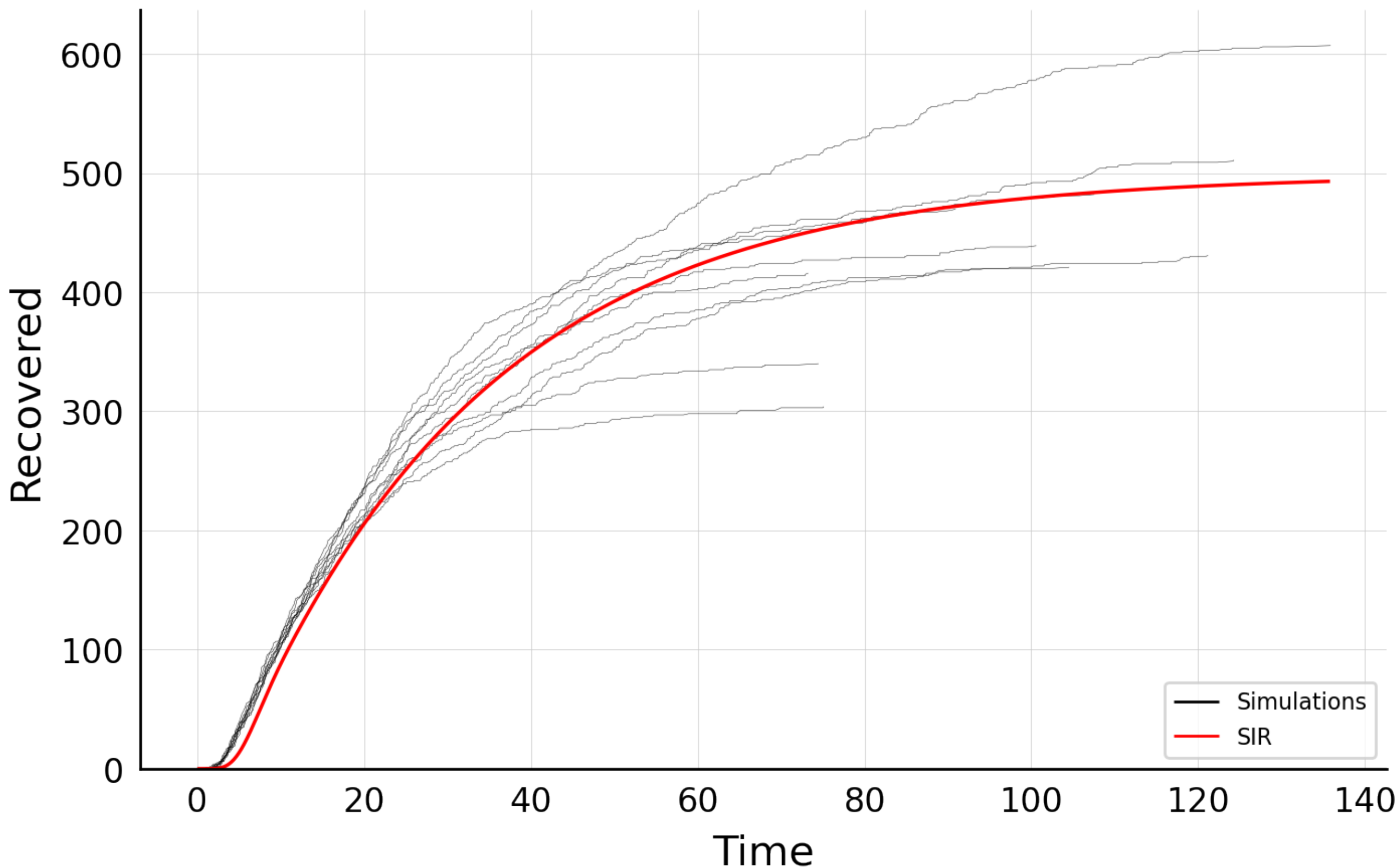
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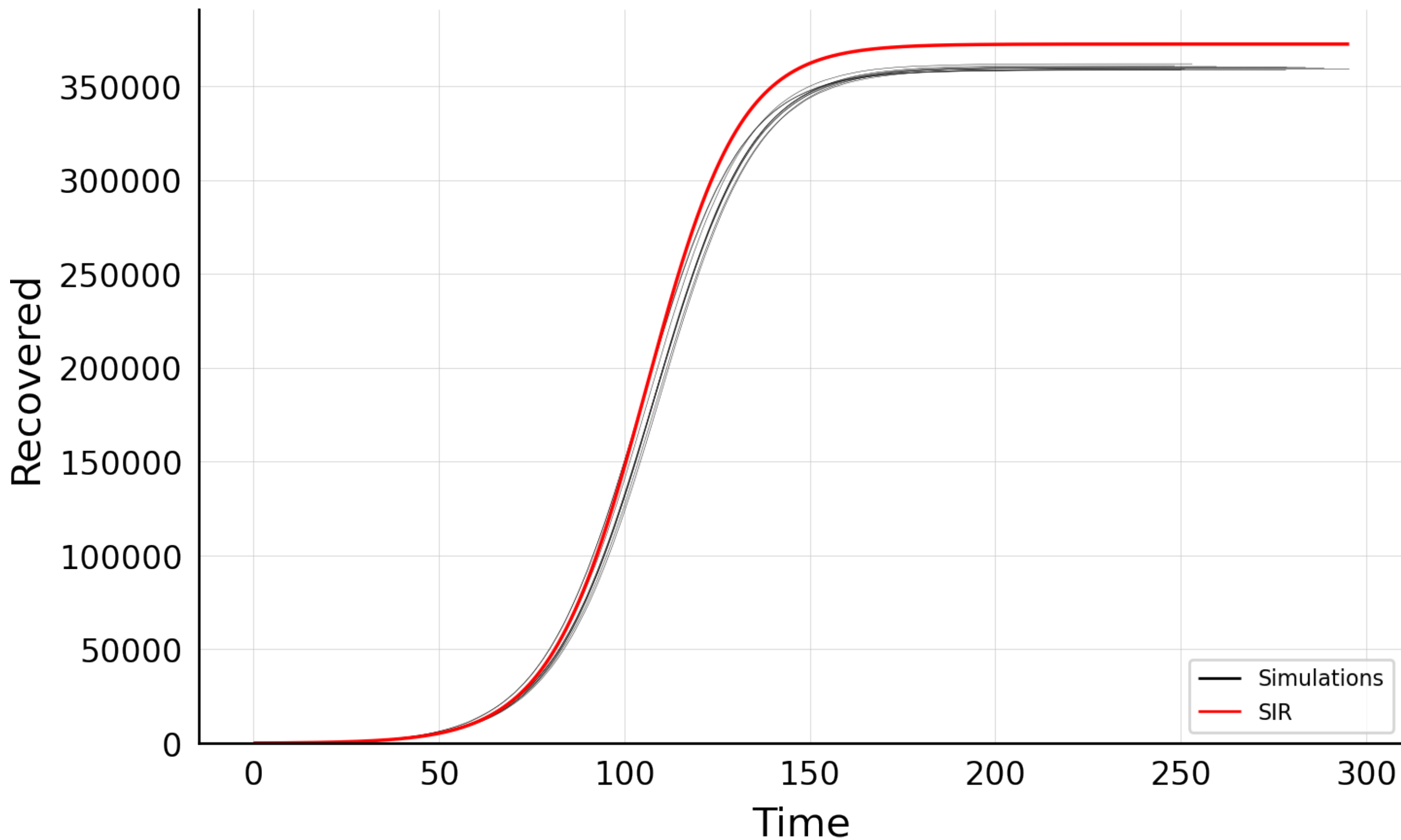
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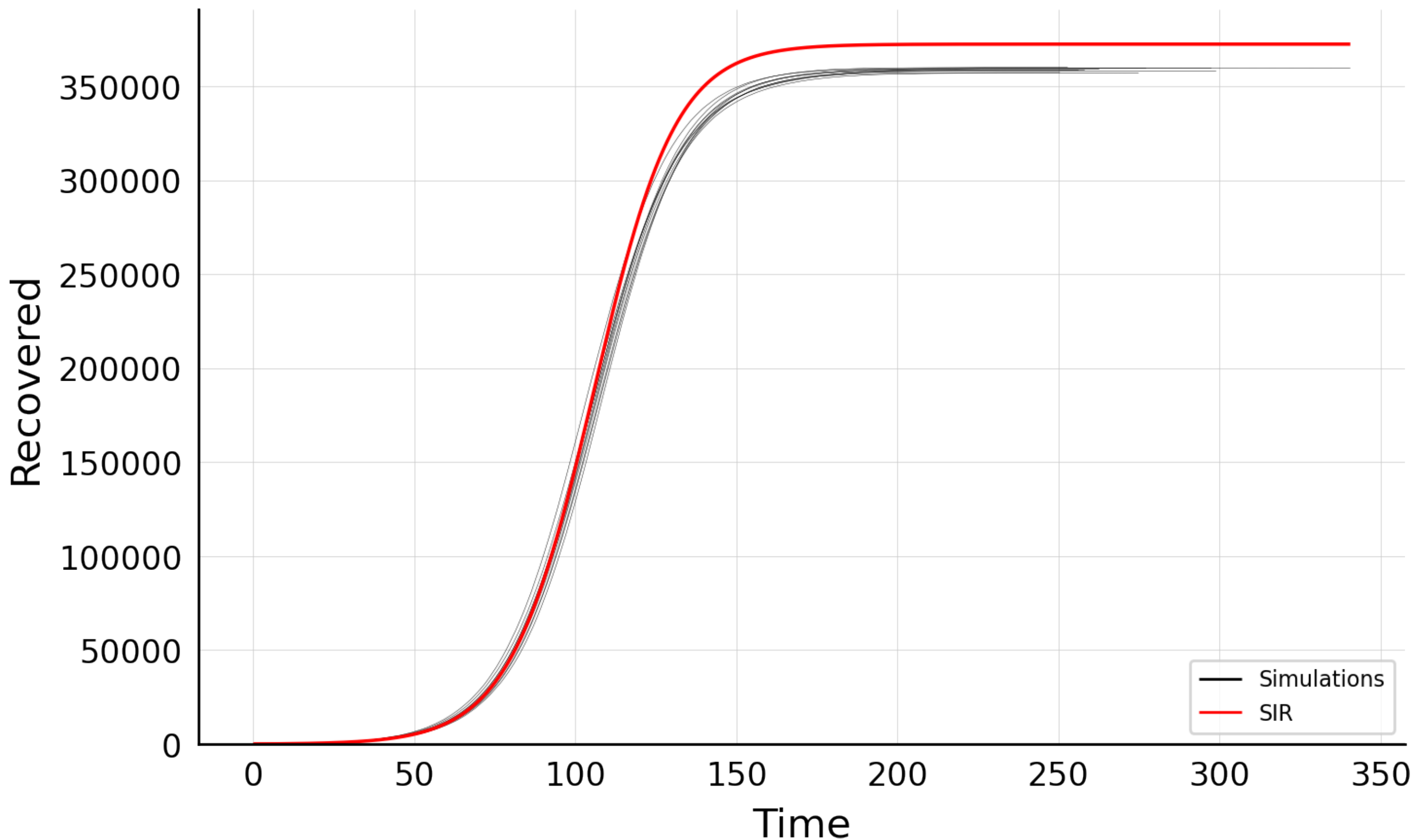
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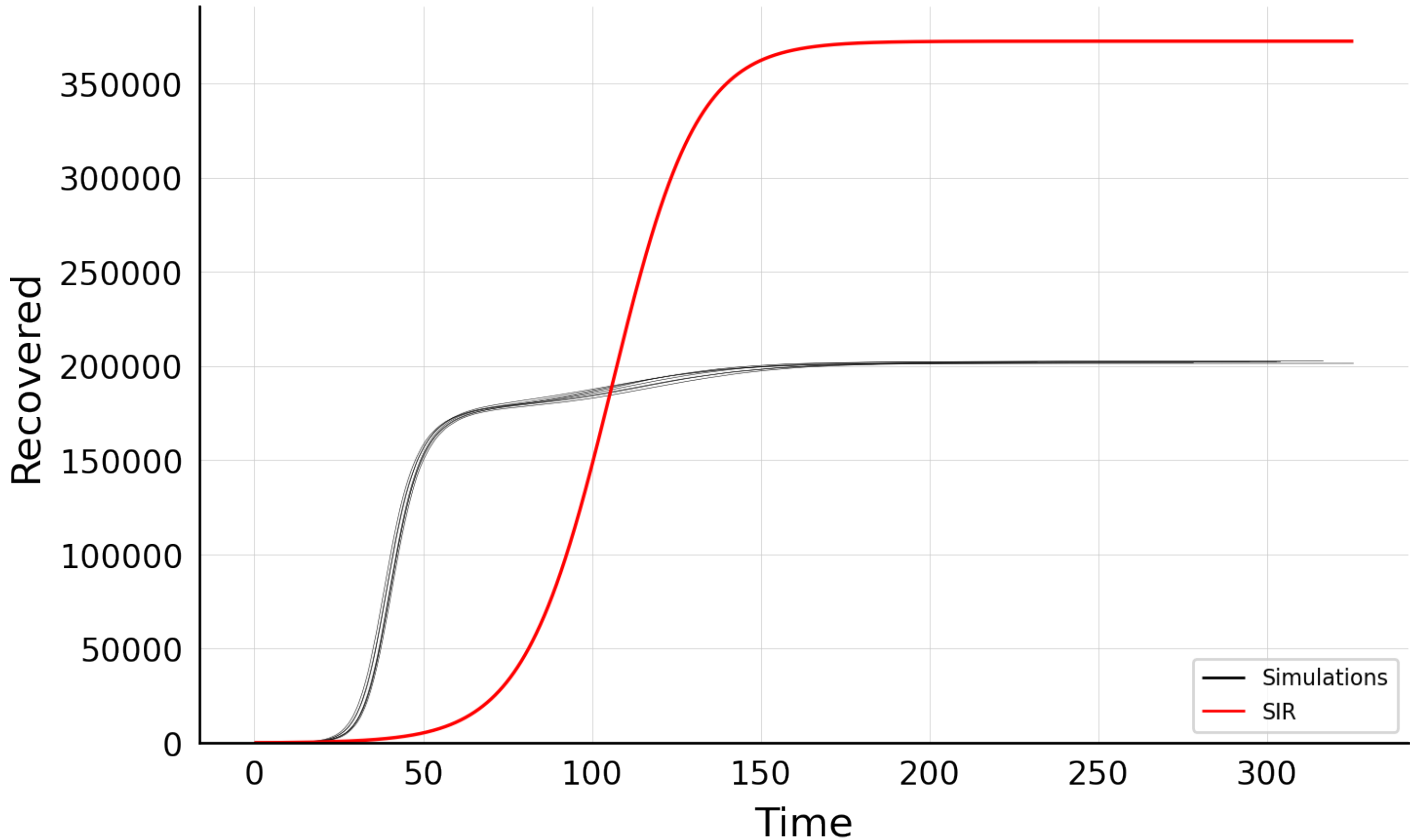
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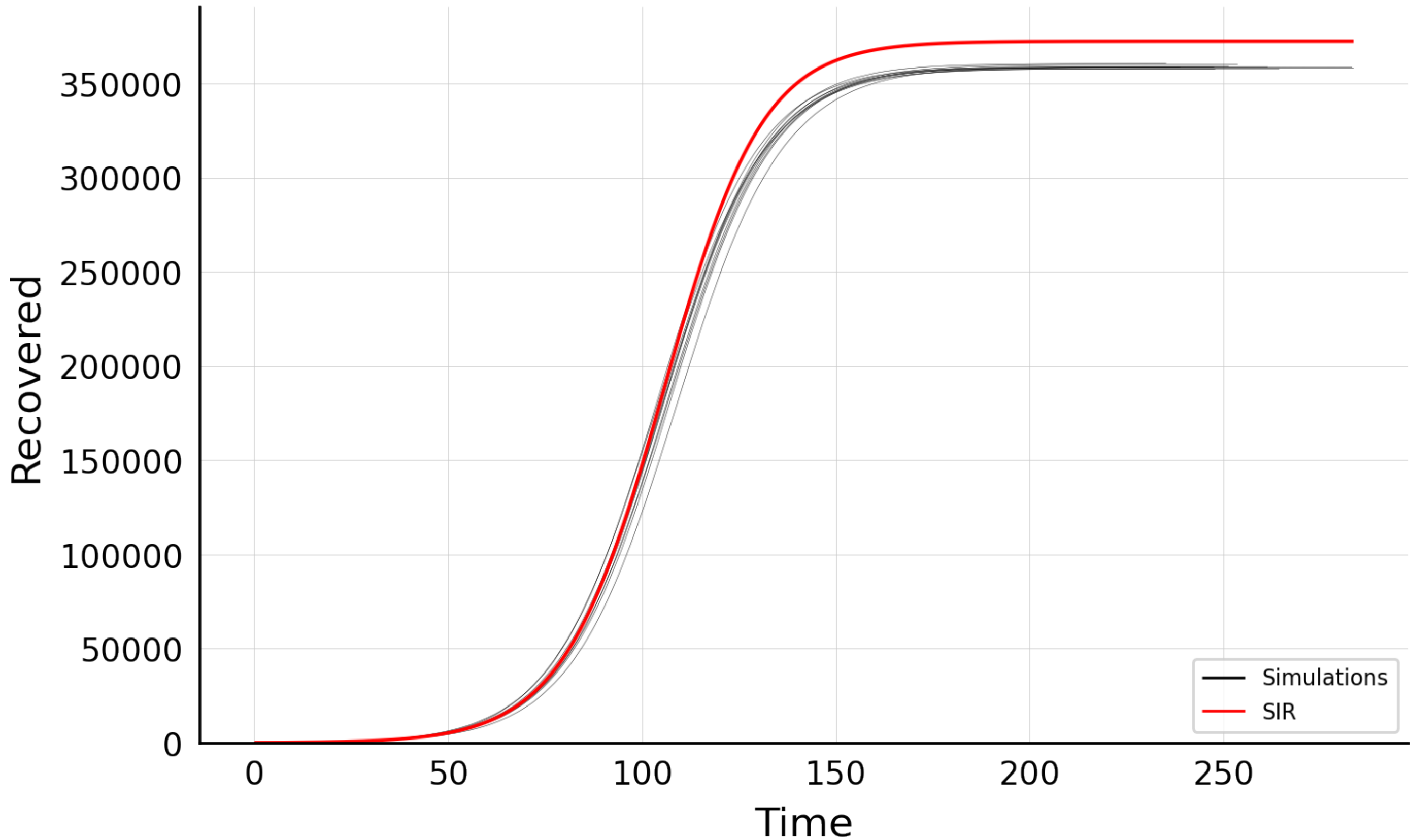
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.005$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, $\#10$



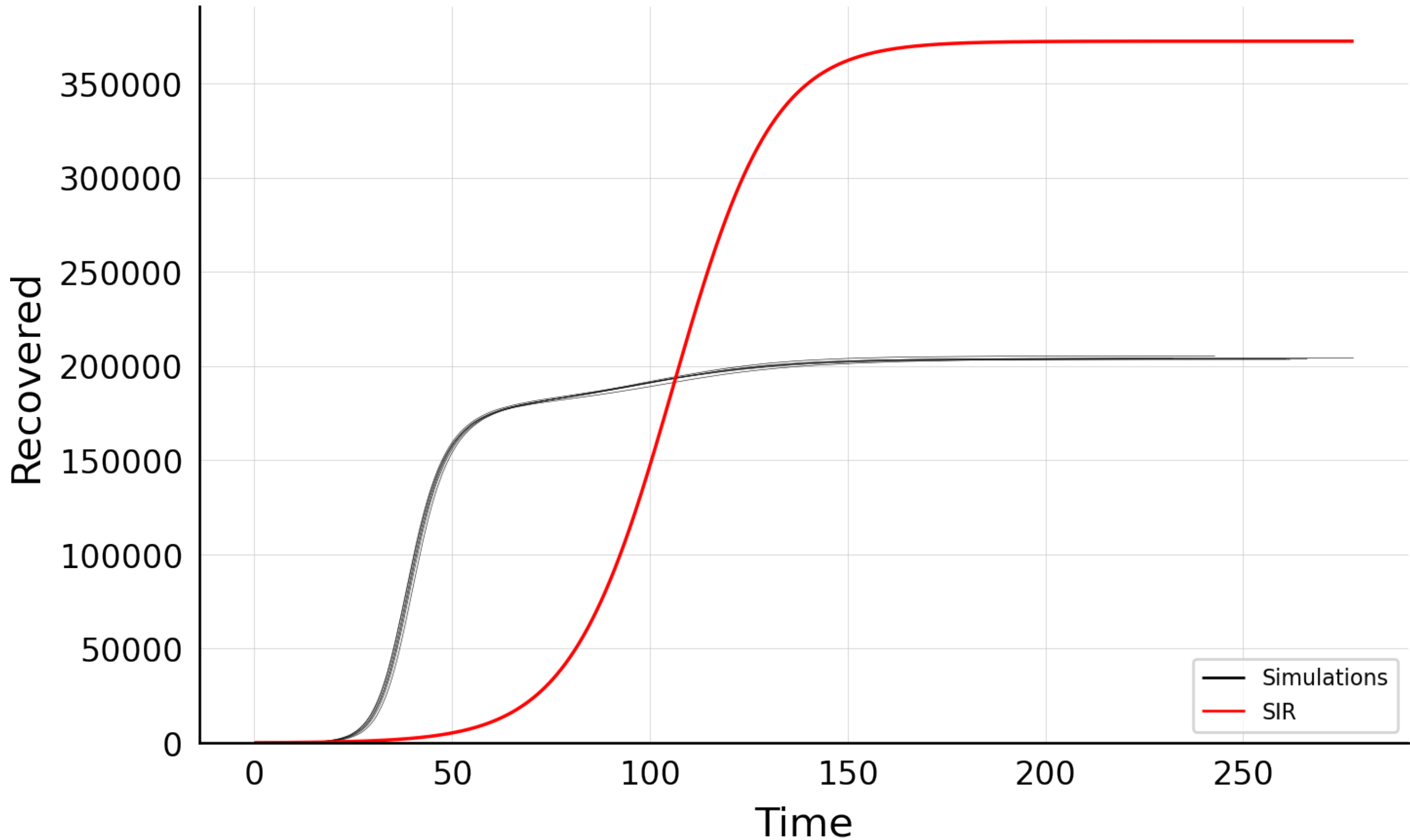
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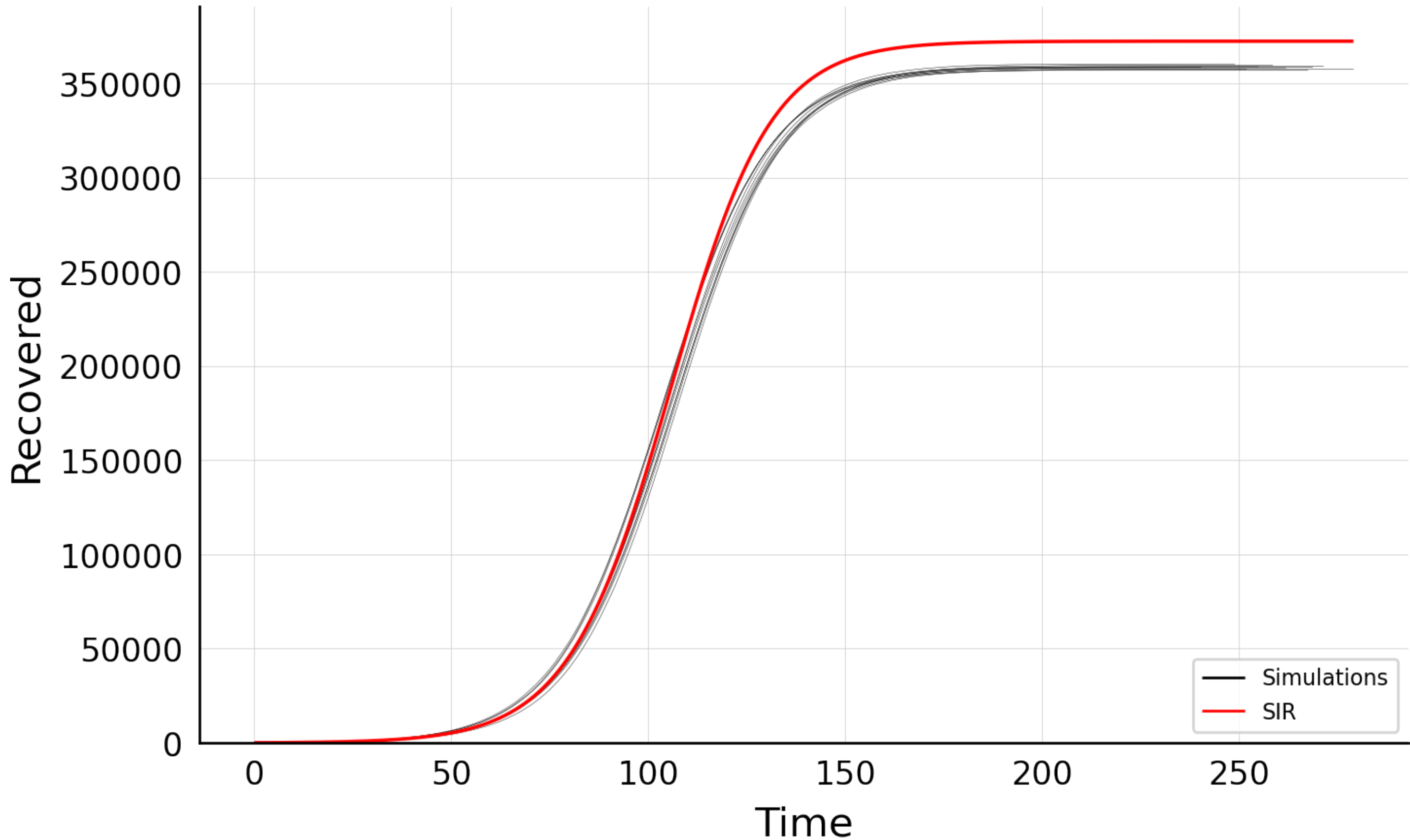
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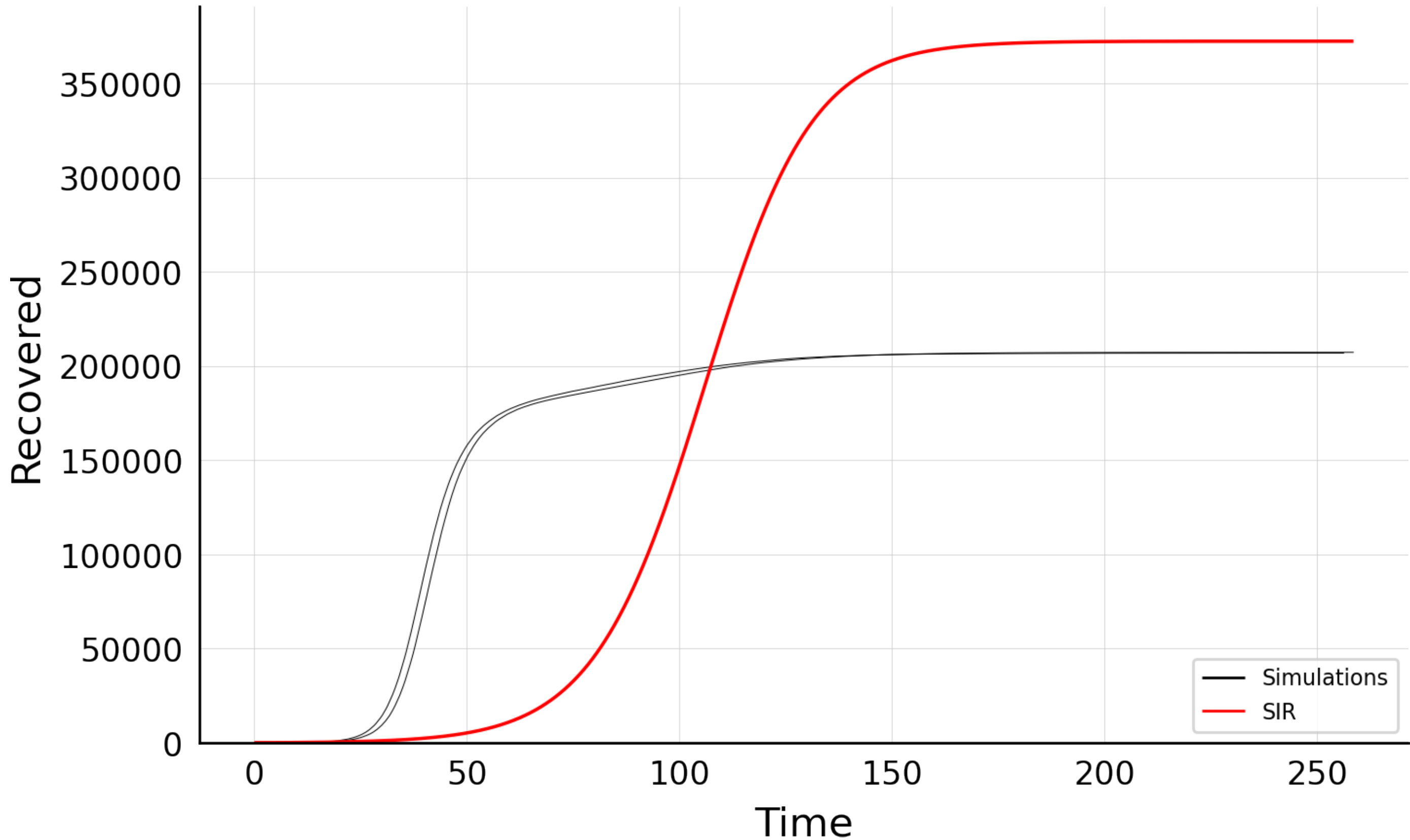
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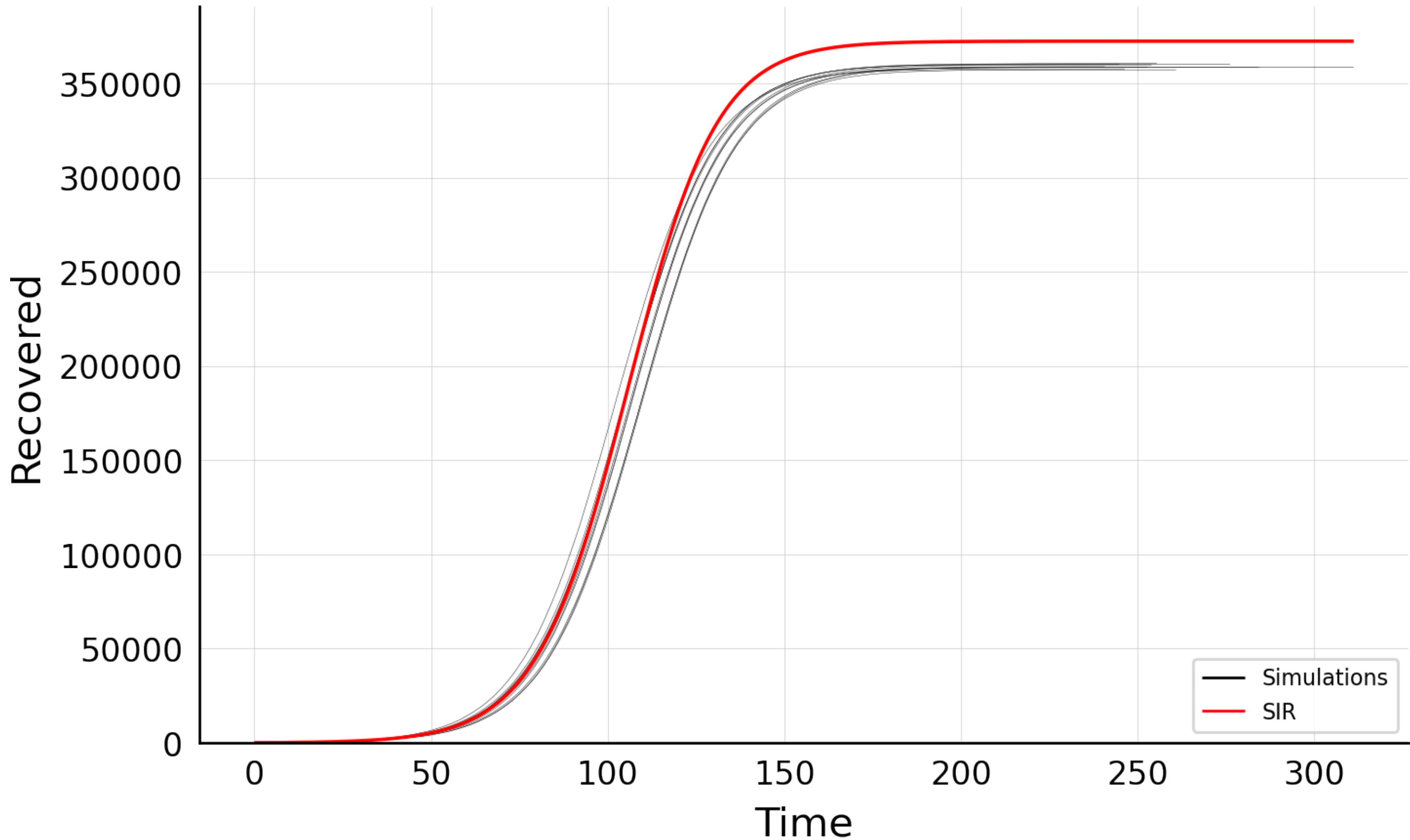
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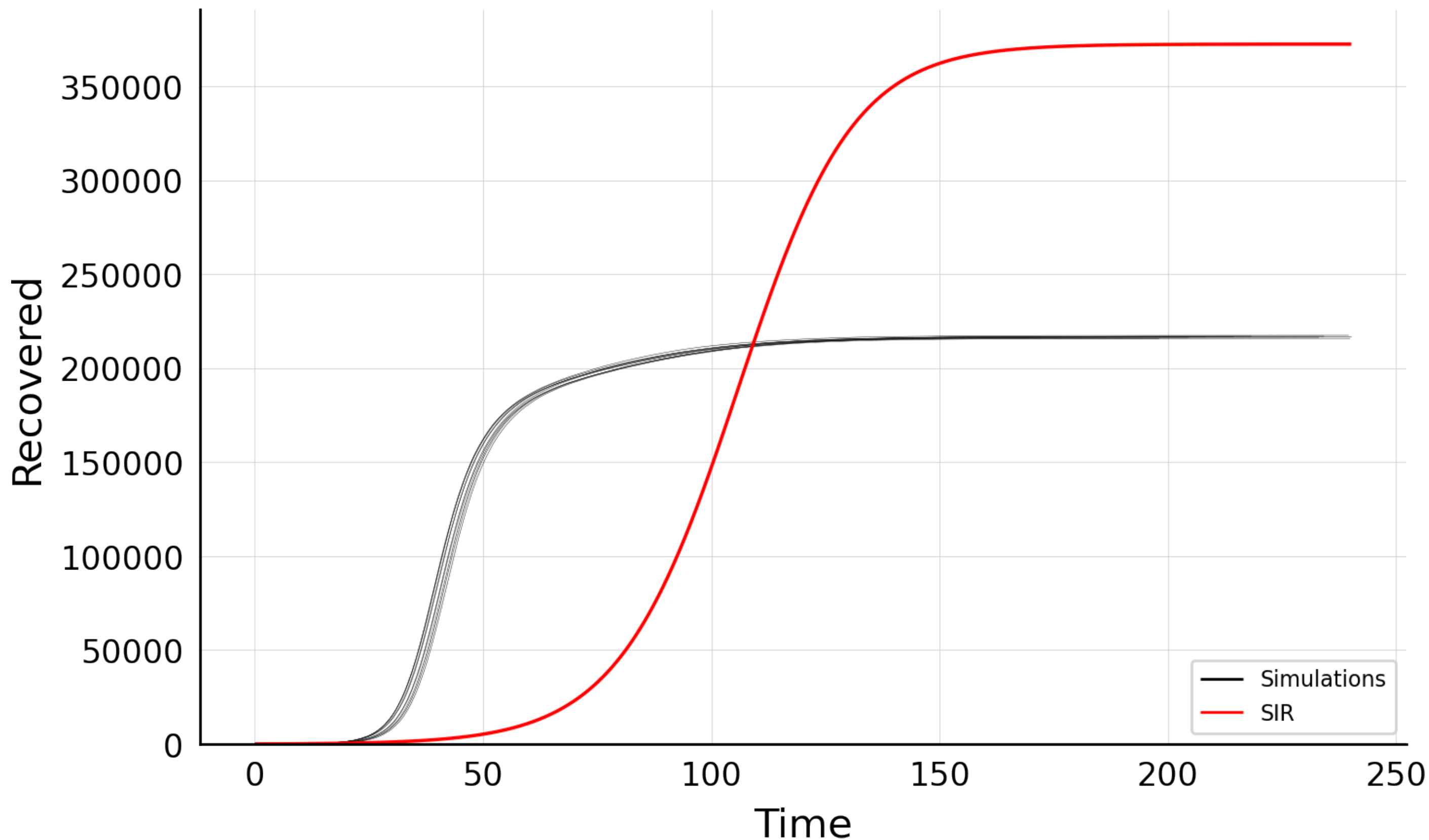
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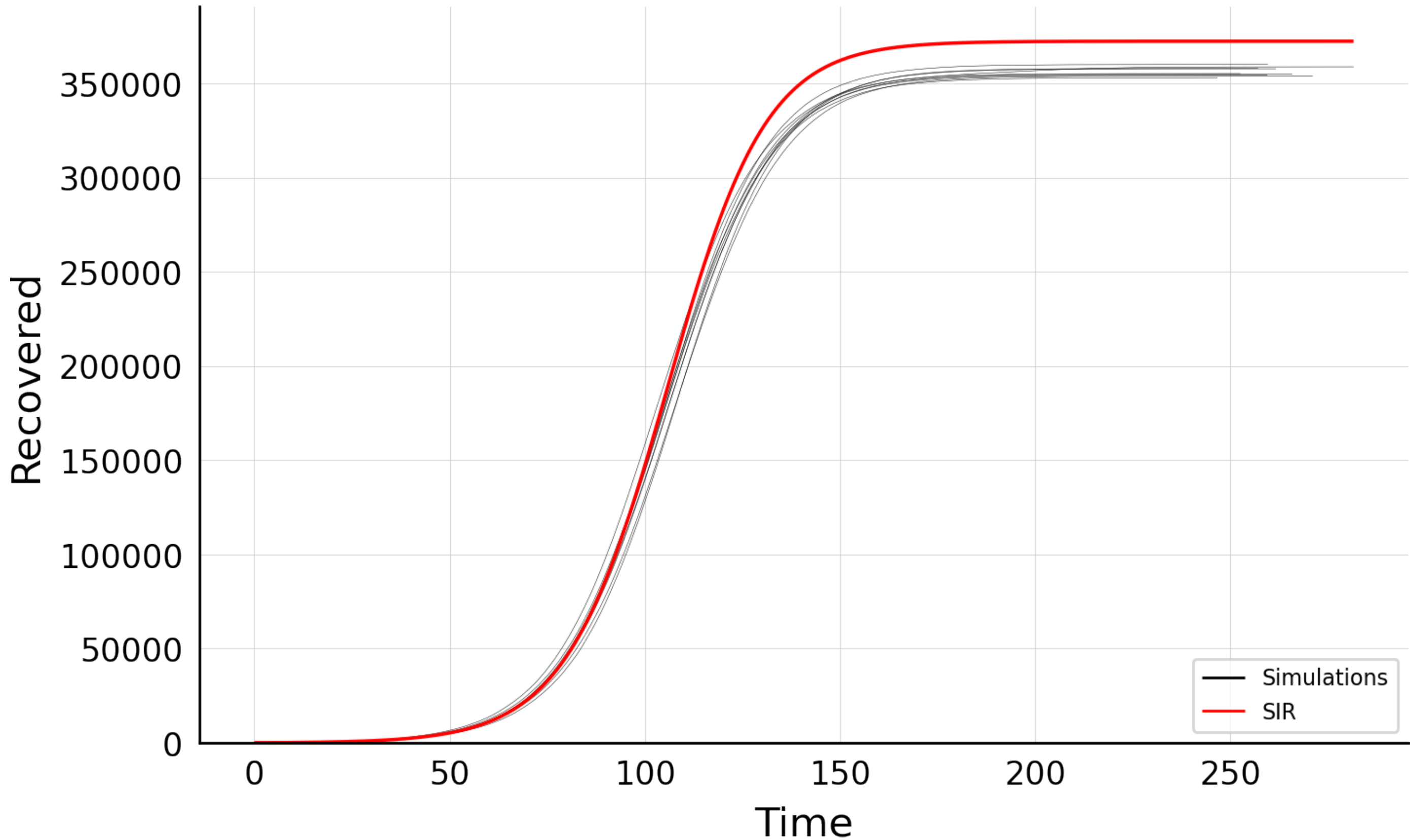
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.05$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #10



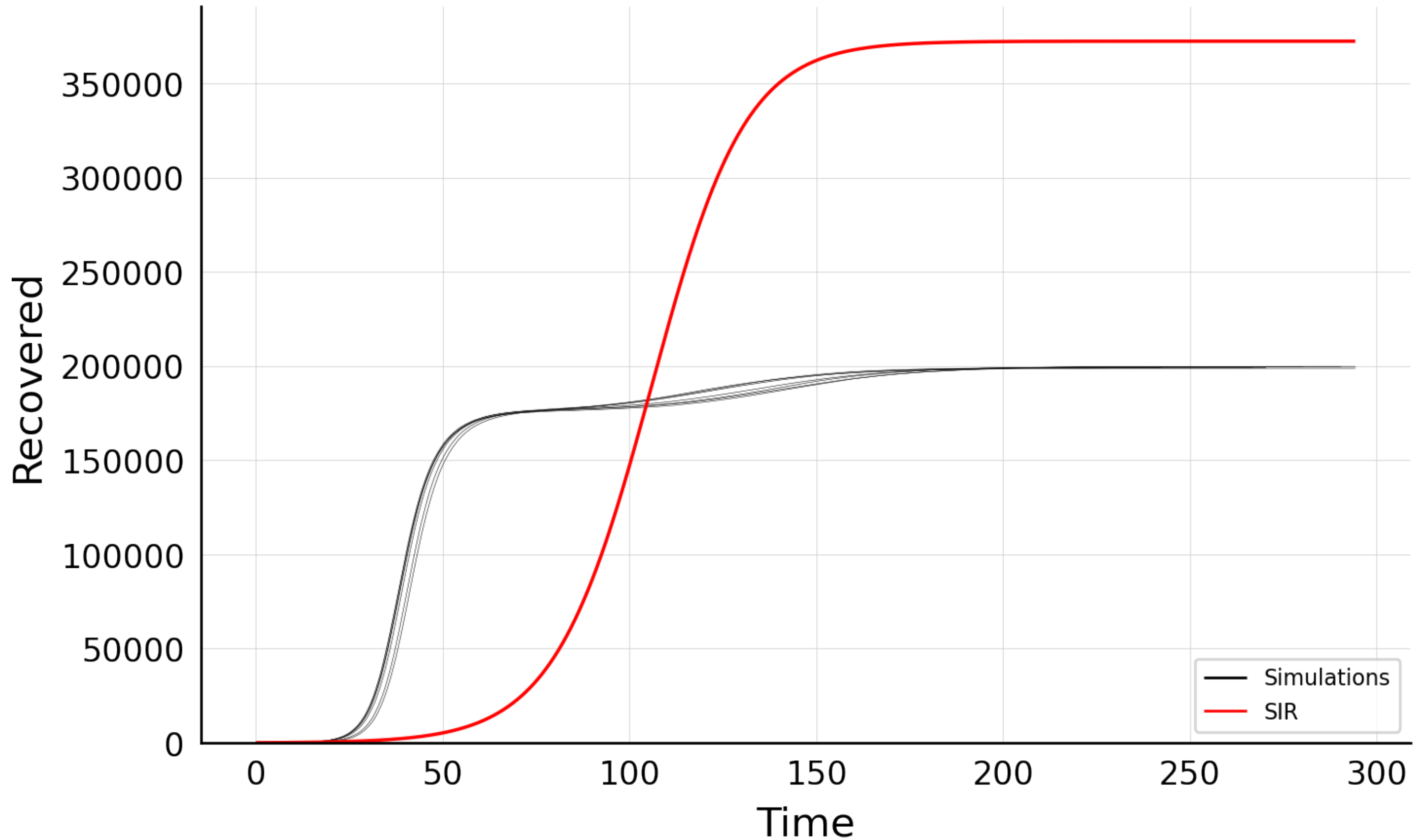
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.05$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, $\#10$



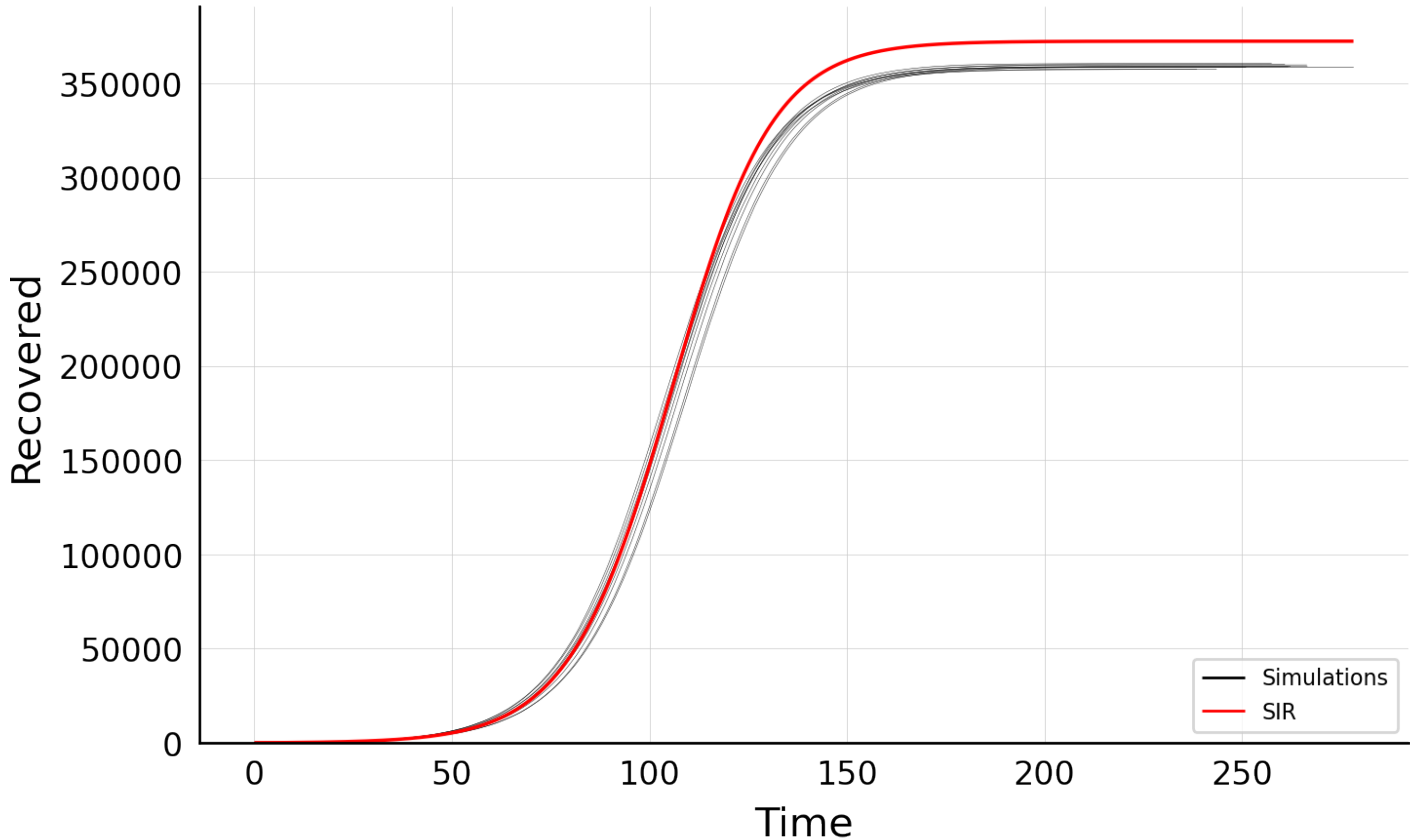
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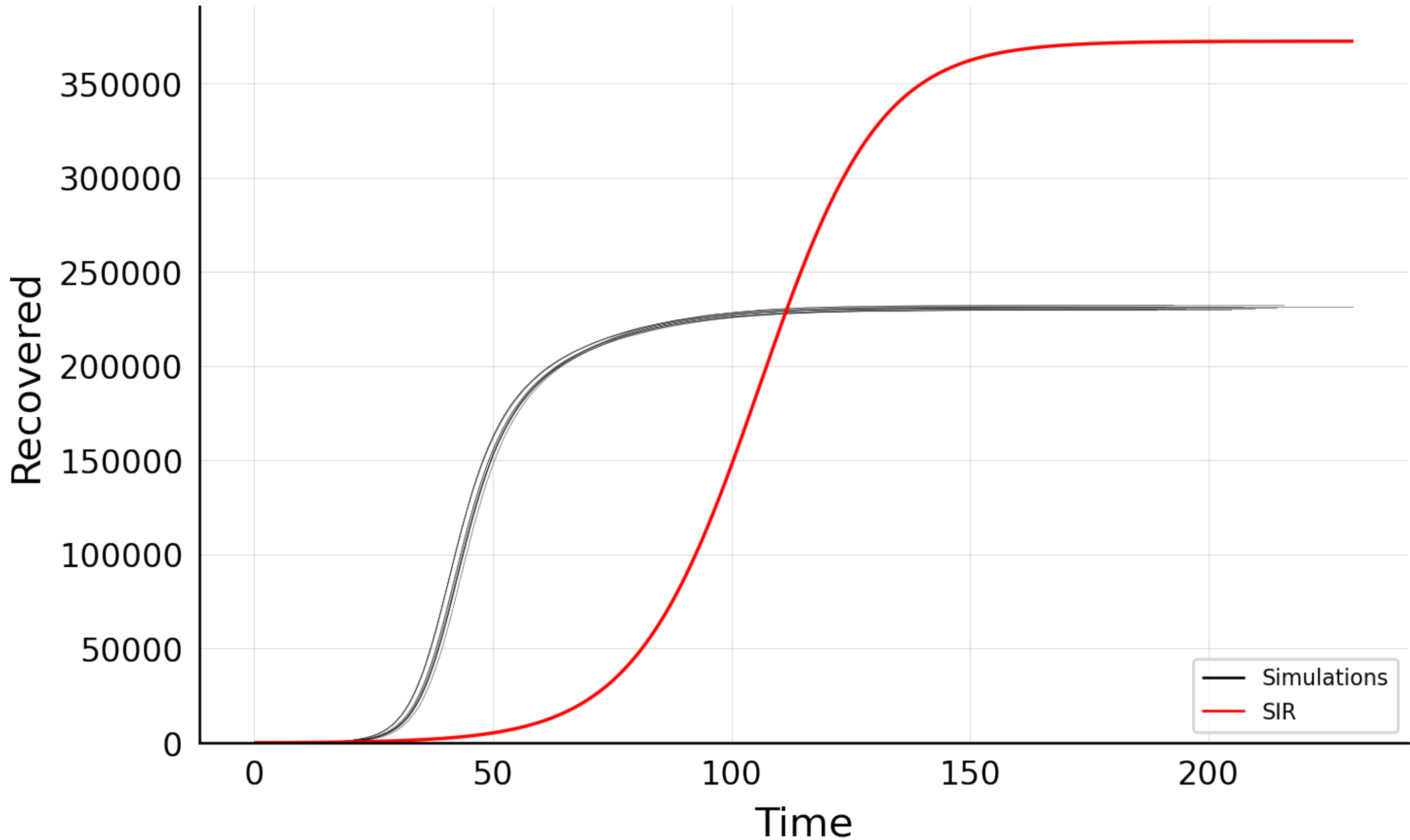
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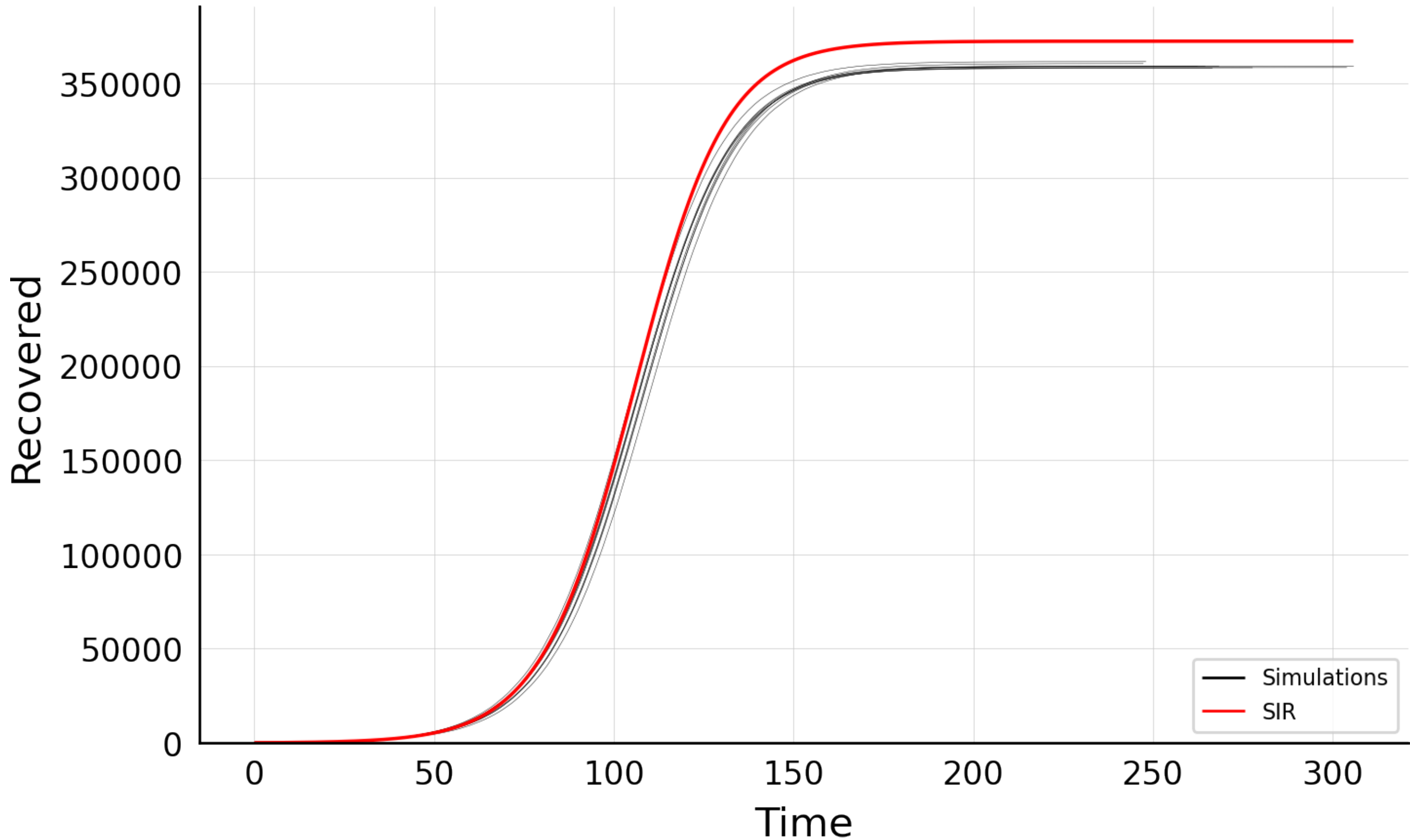
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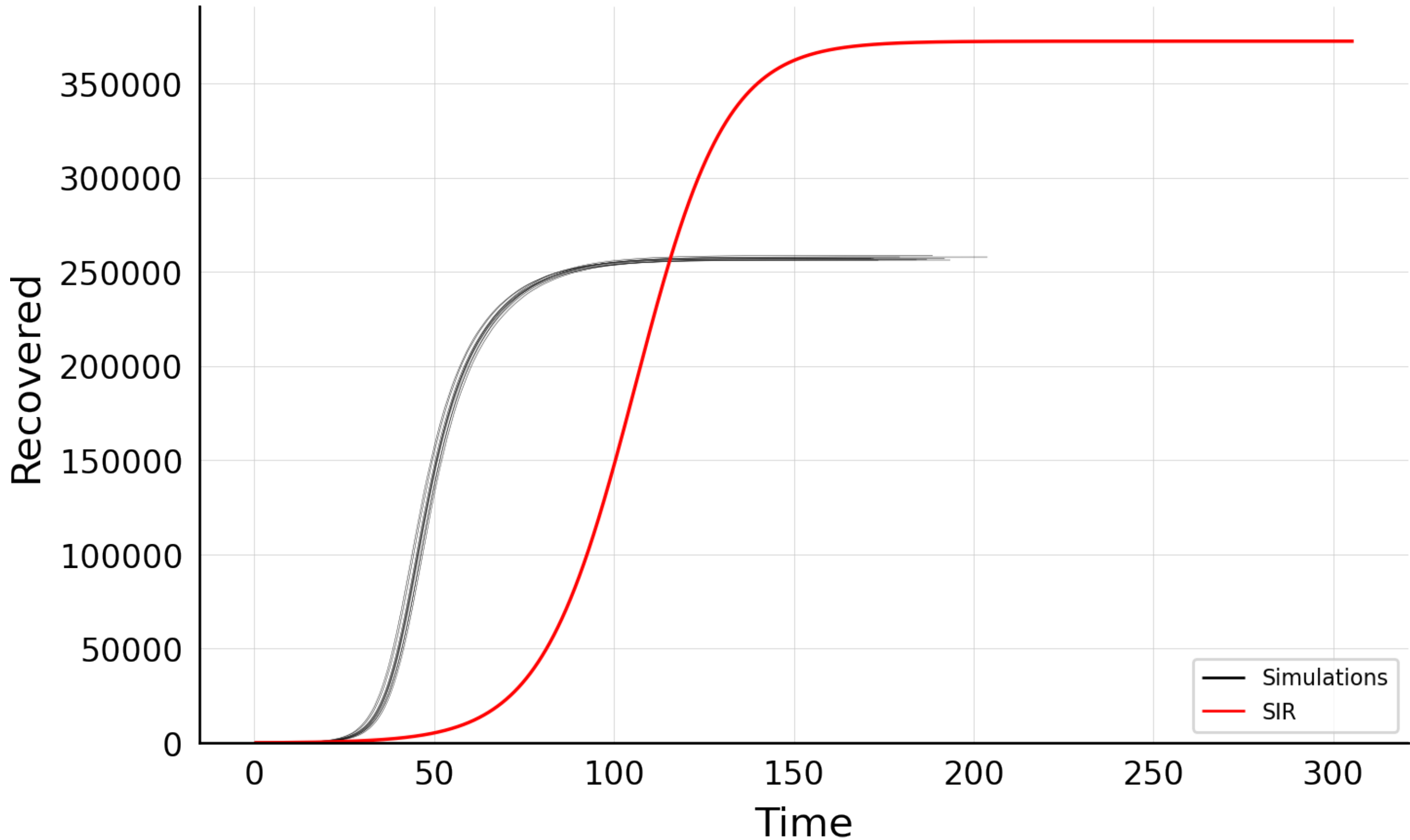
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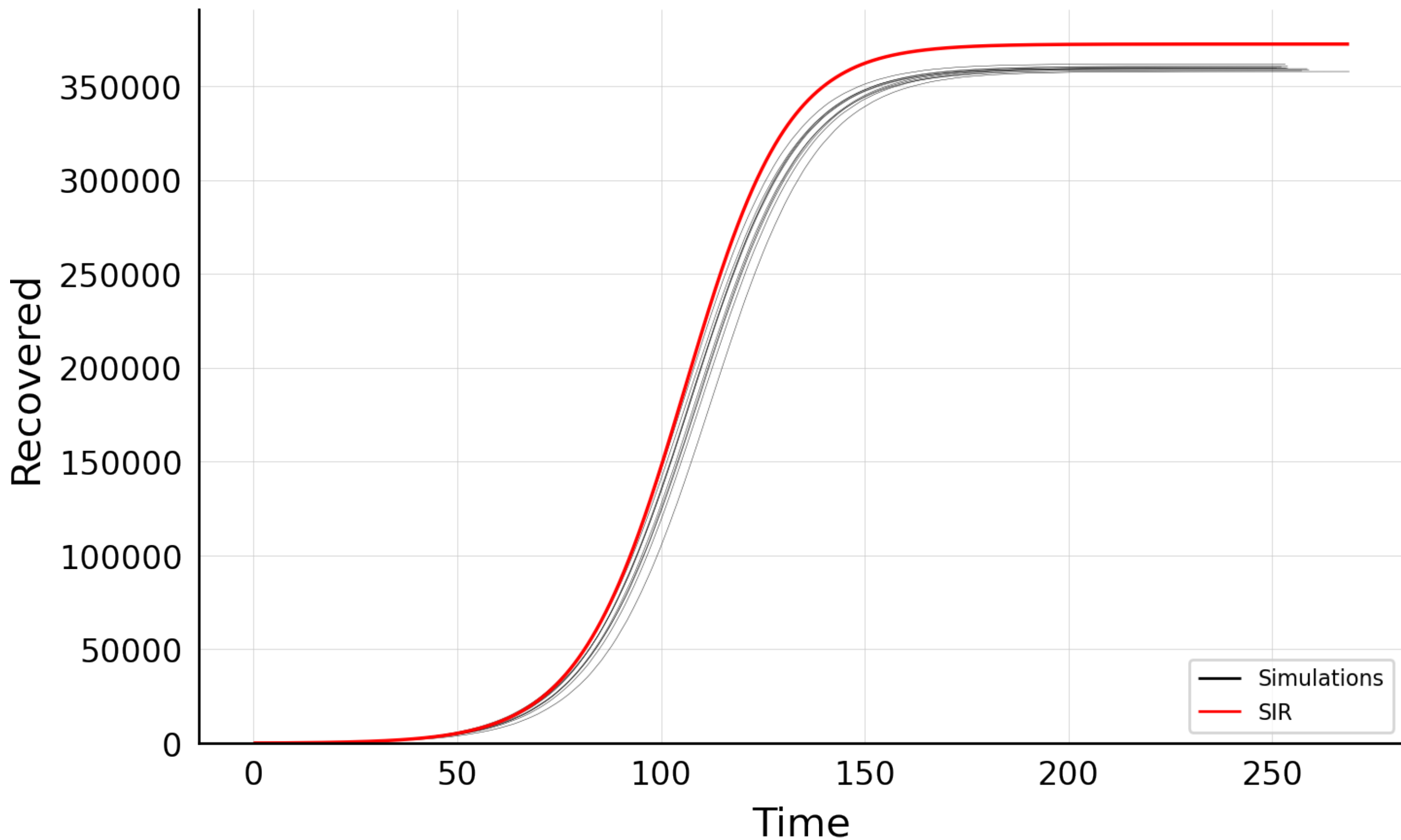
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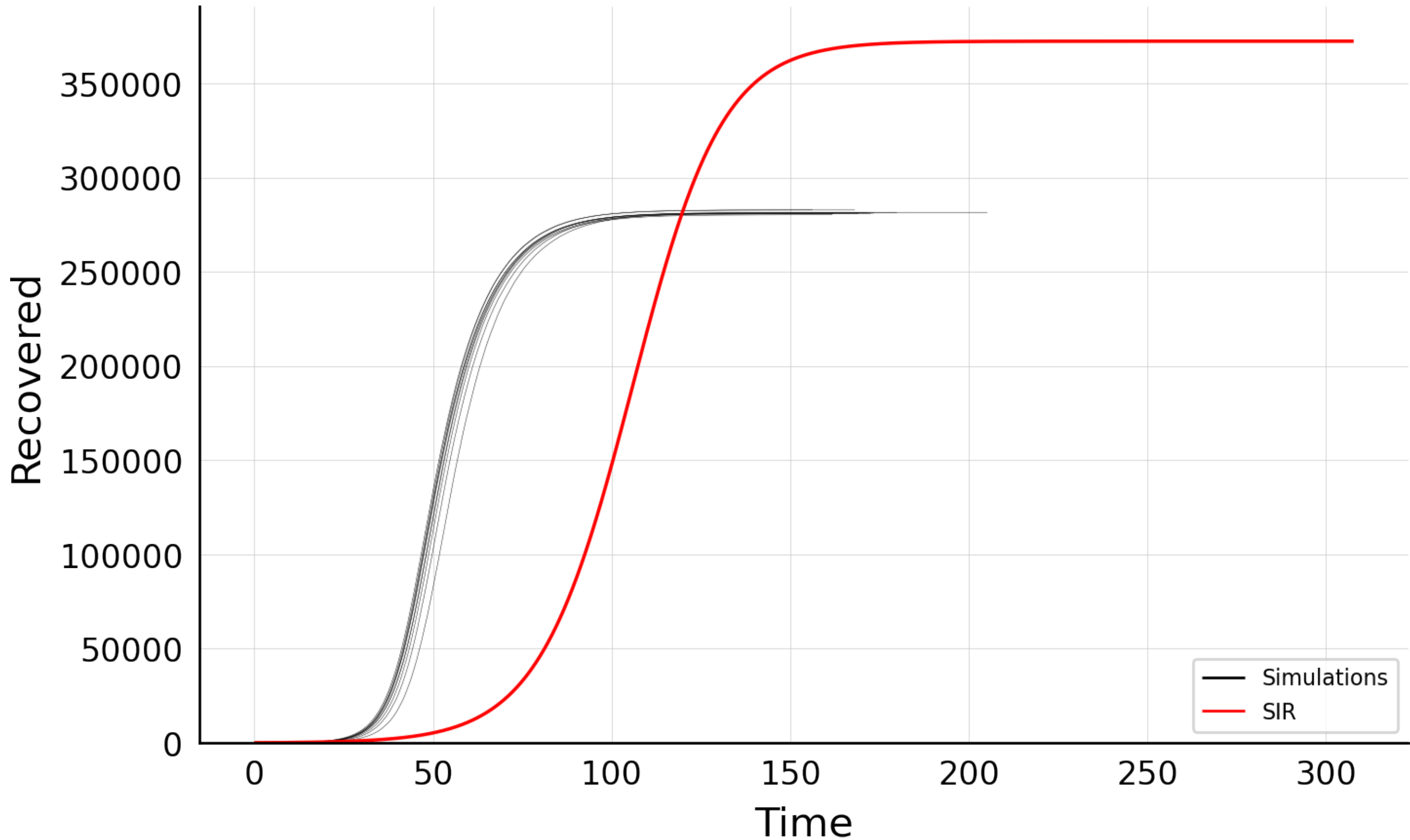
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.2$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, $\#10$



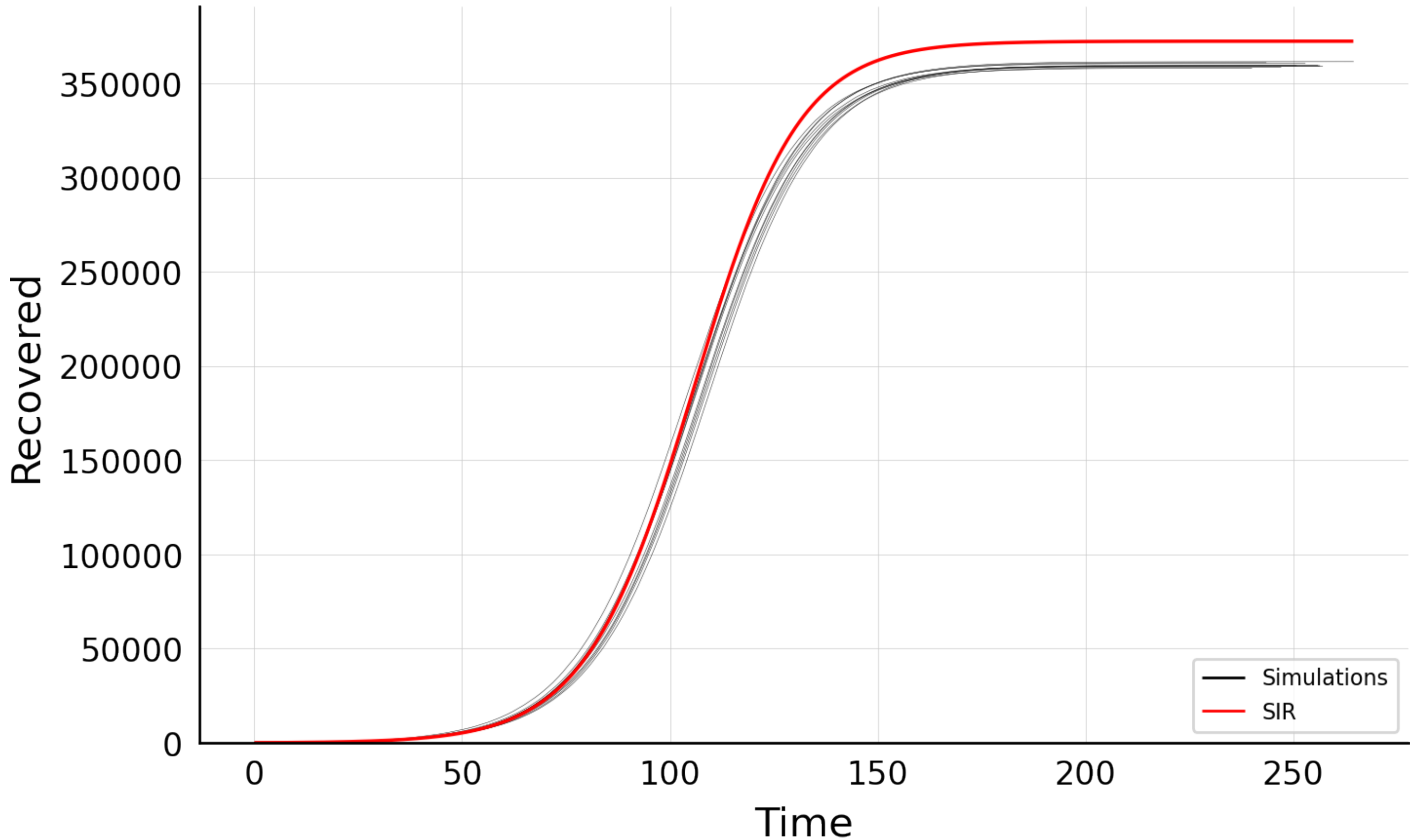
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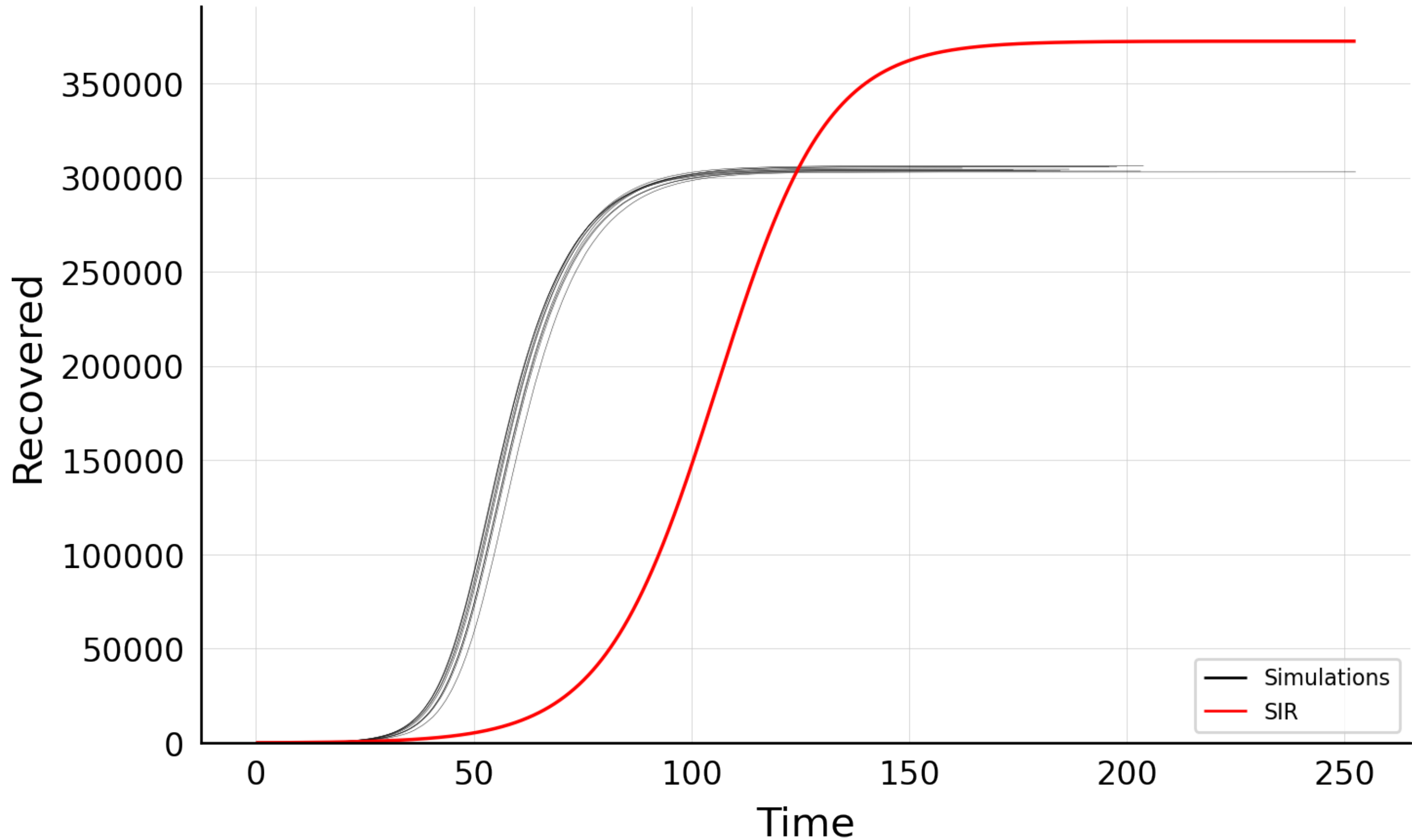
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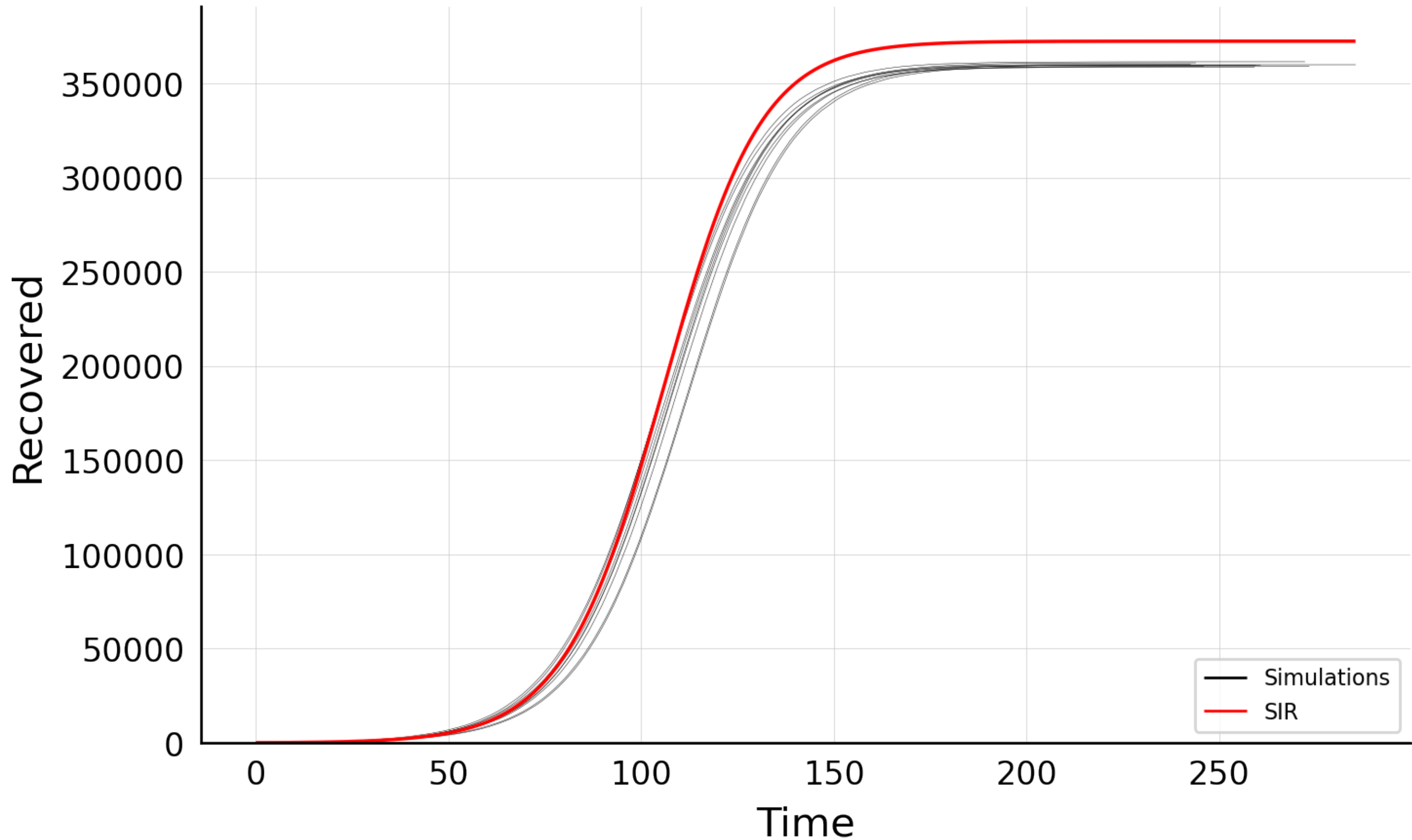
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.4$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, $\#10$



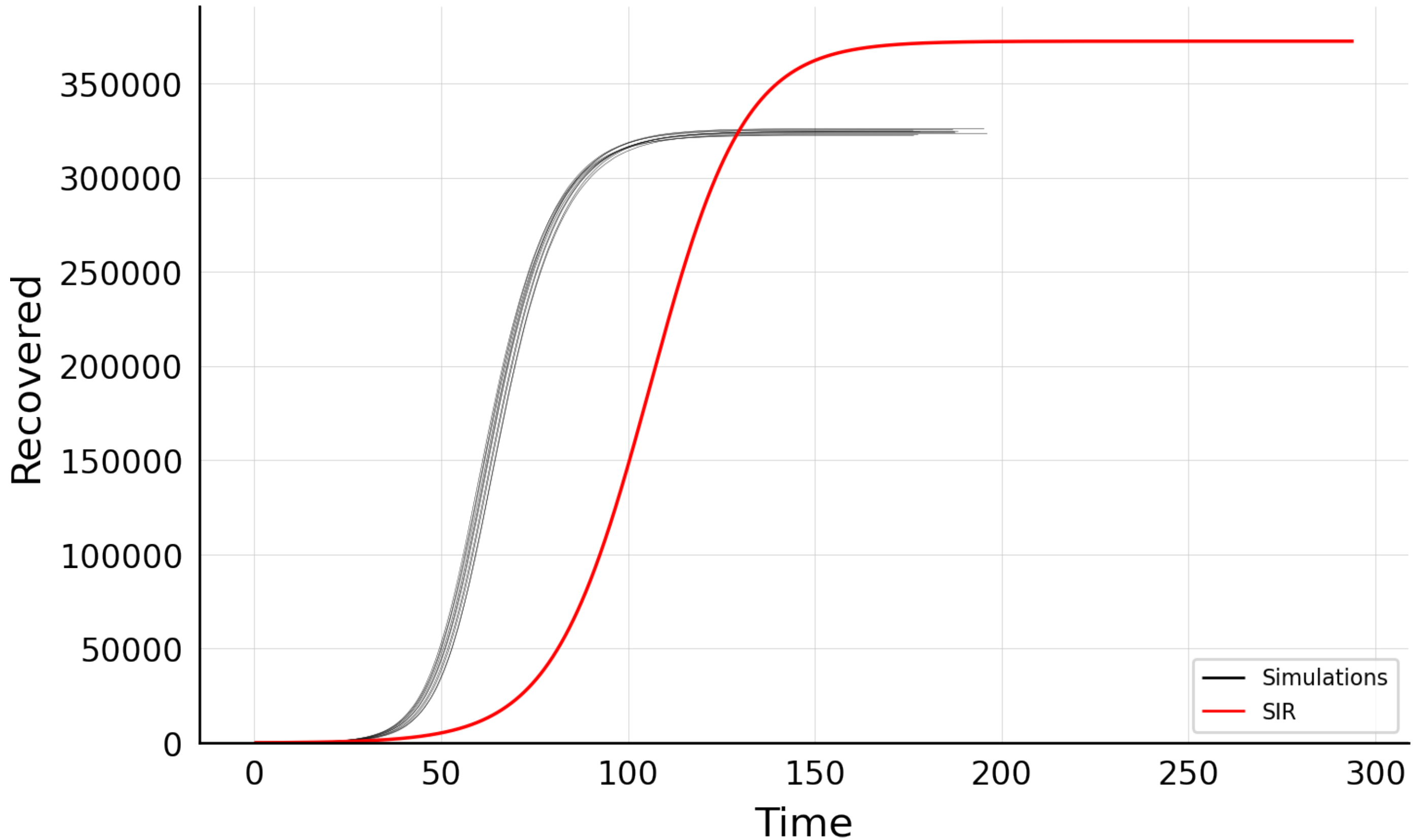
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.4$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, $\#10$



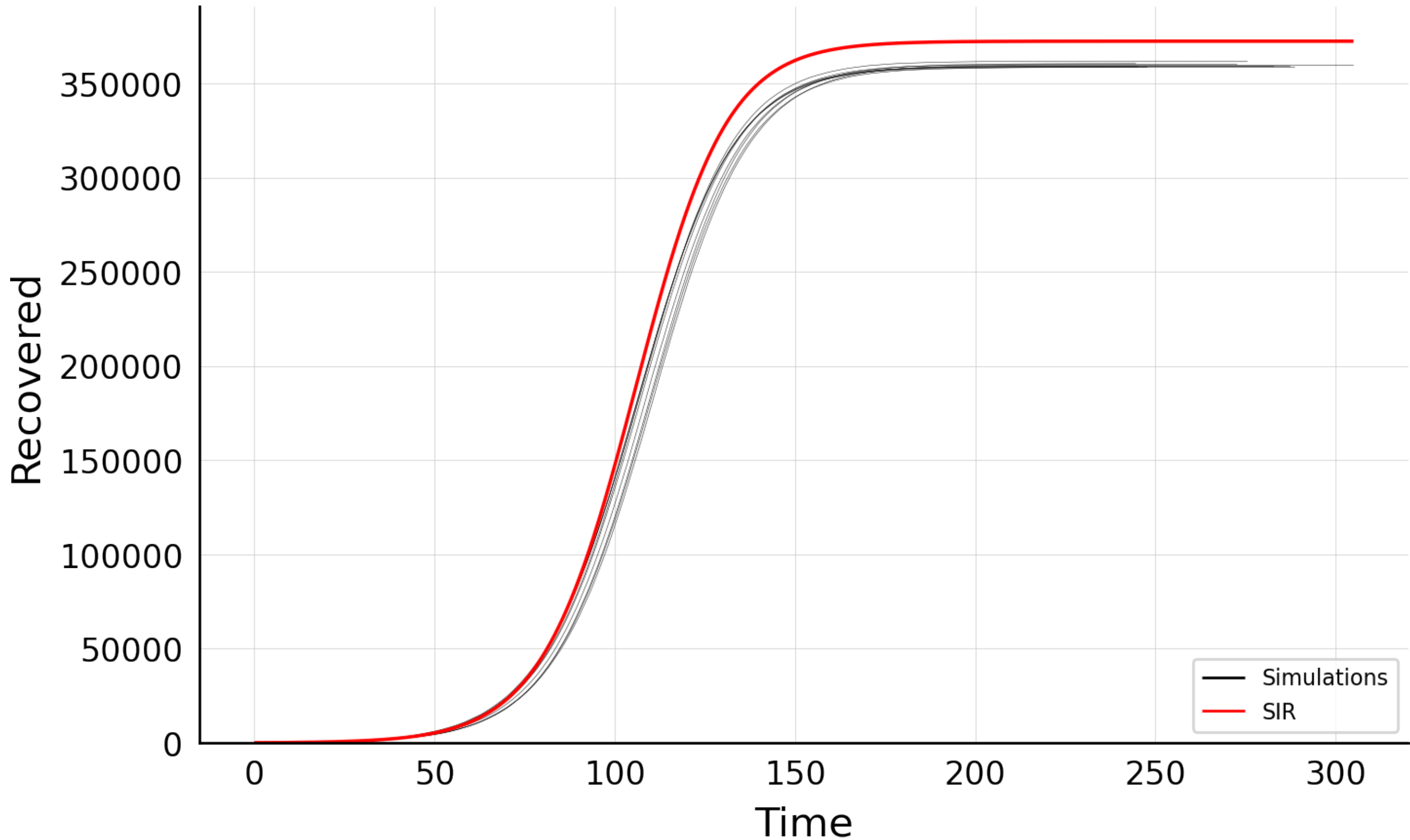
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.5$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #9



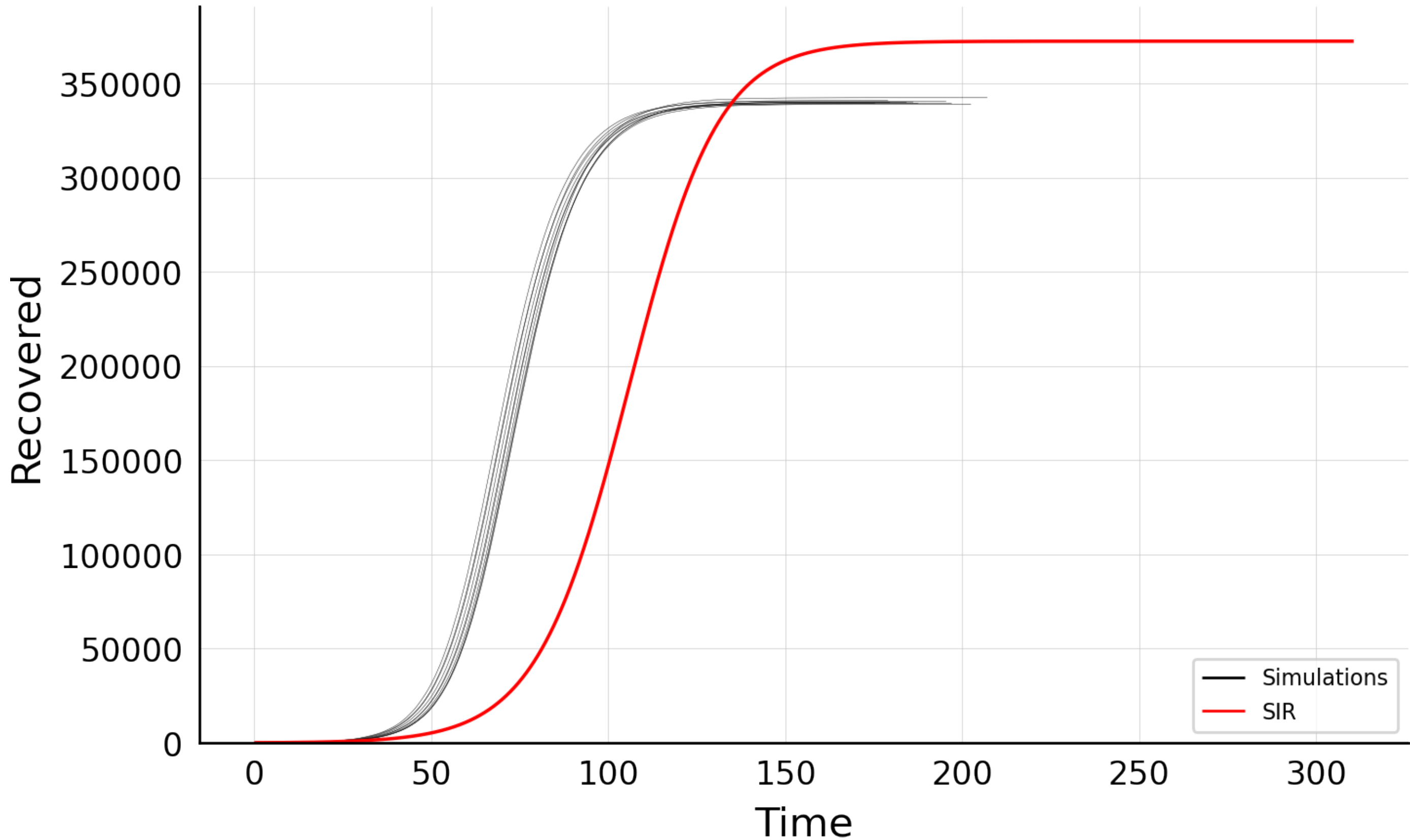
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.5$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, $\#10$



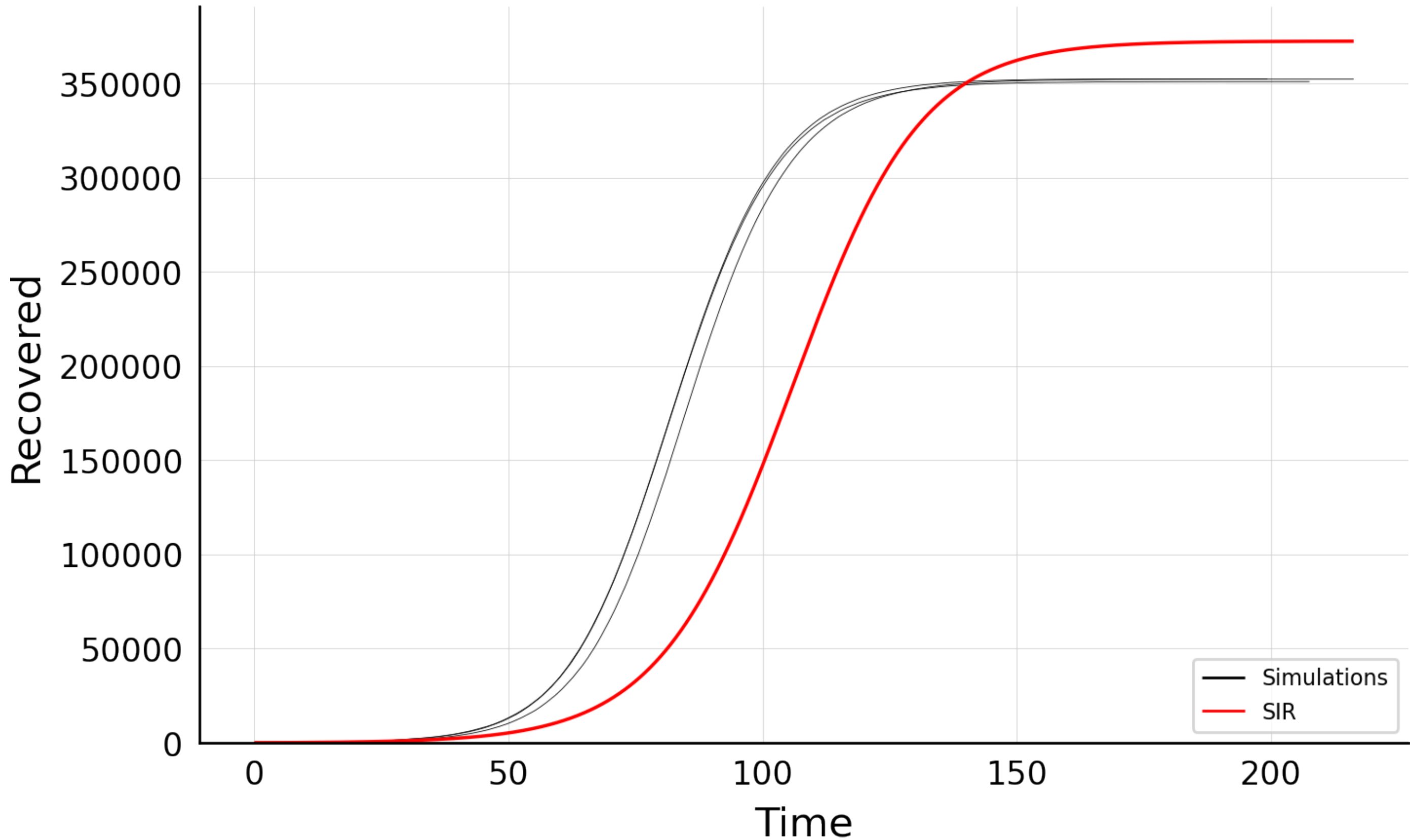
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.6$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 1$, #9



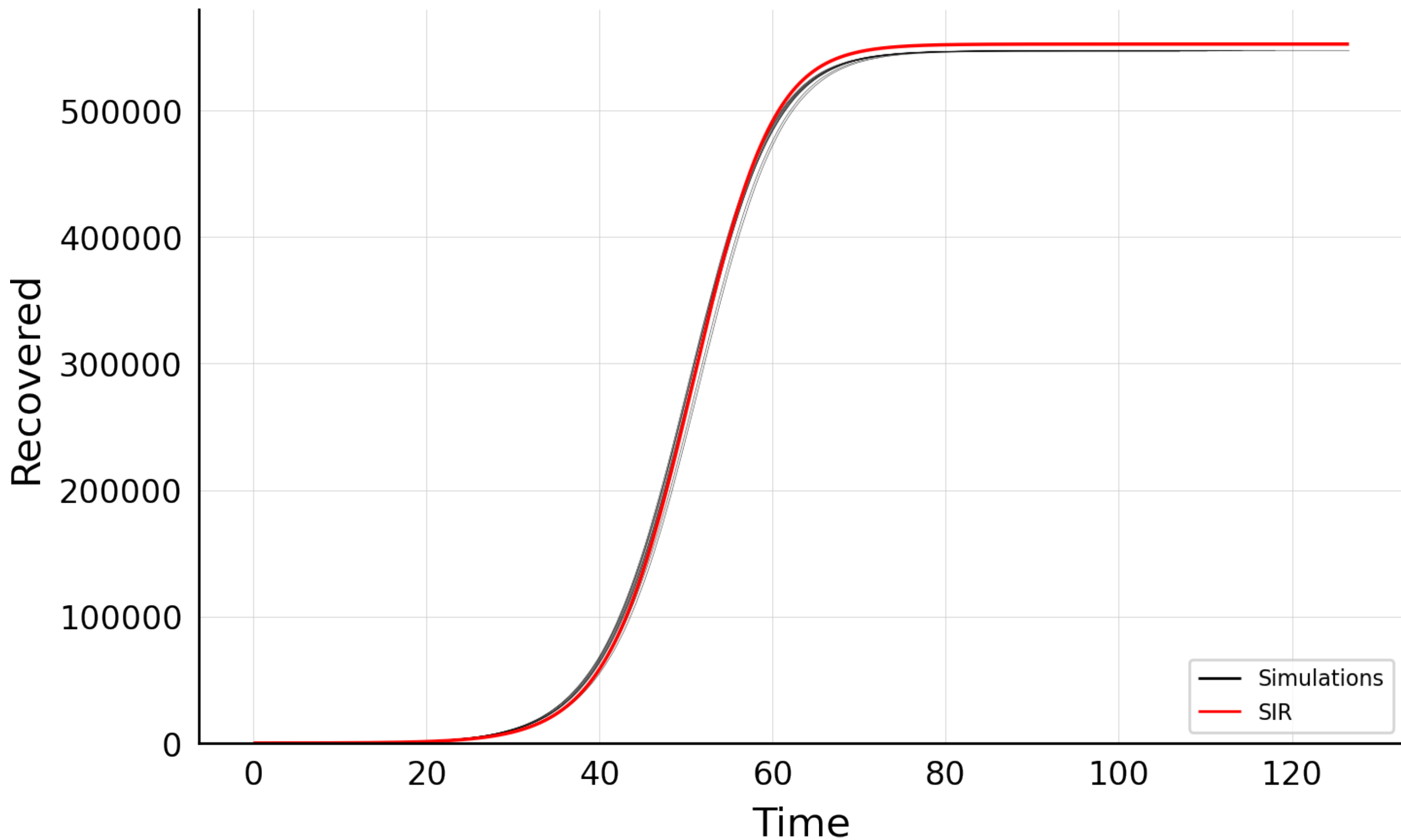
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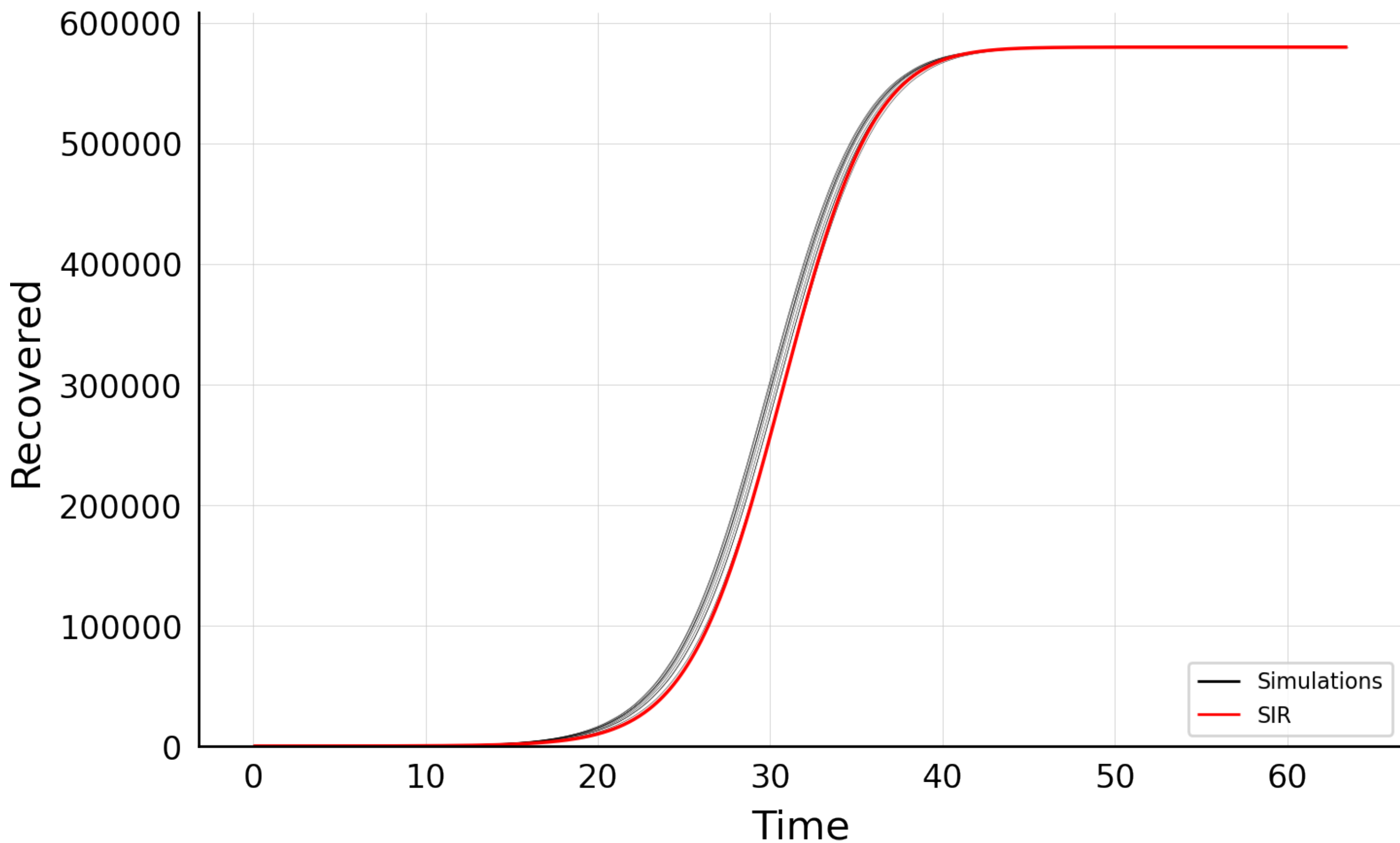
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 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.7$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #3



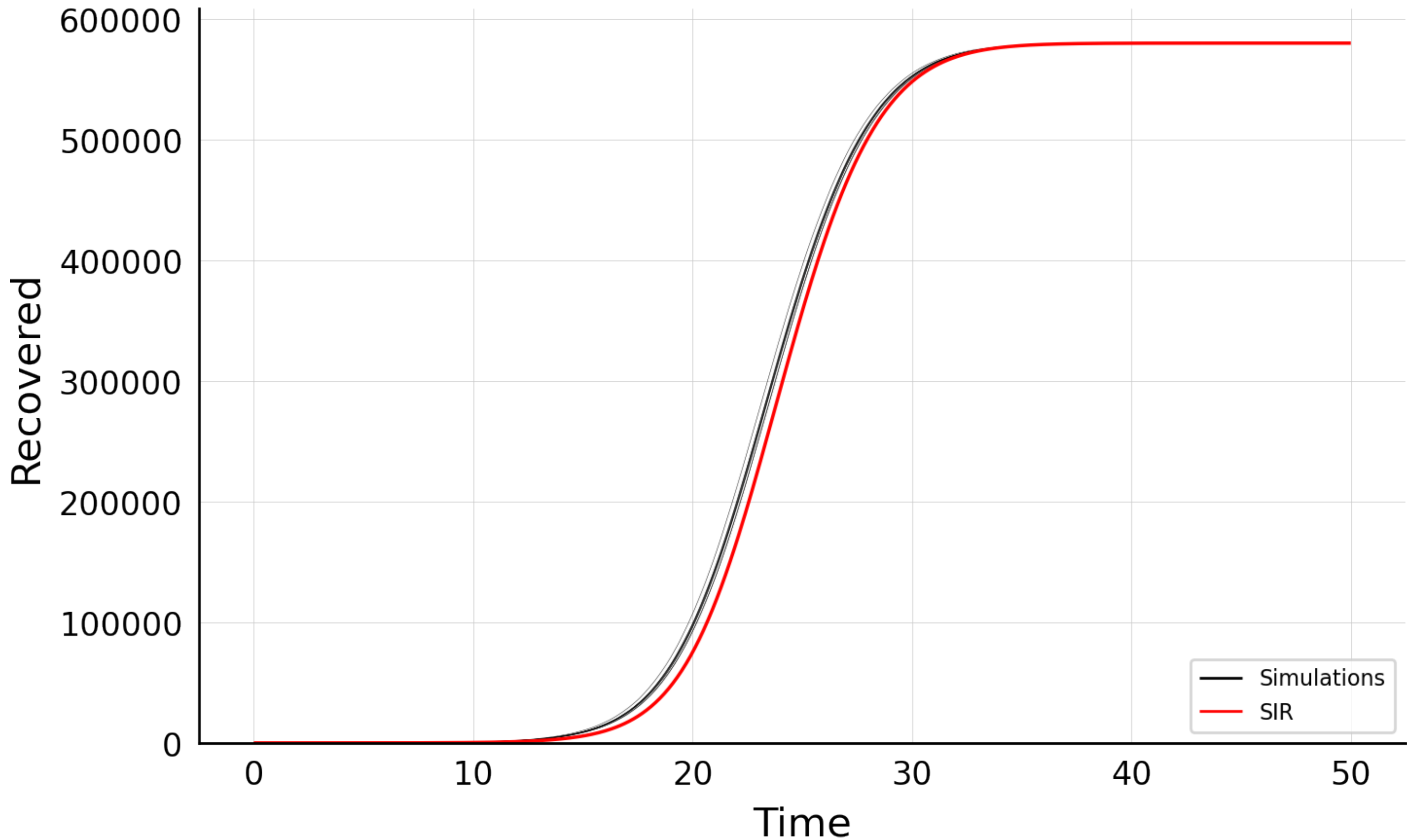
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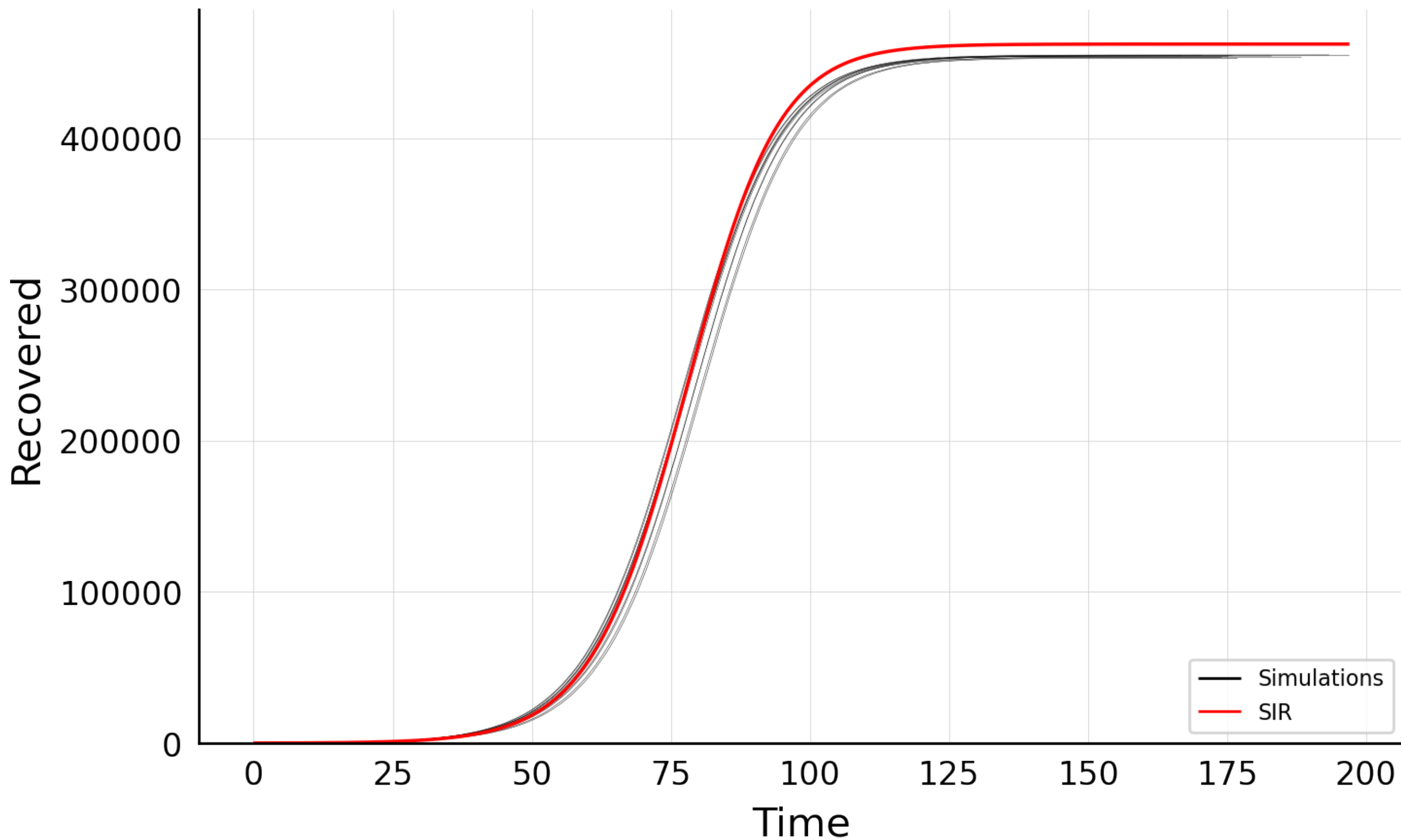
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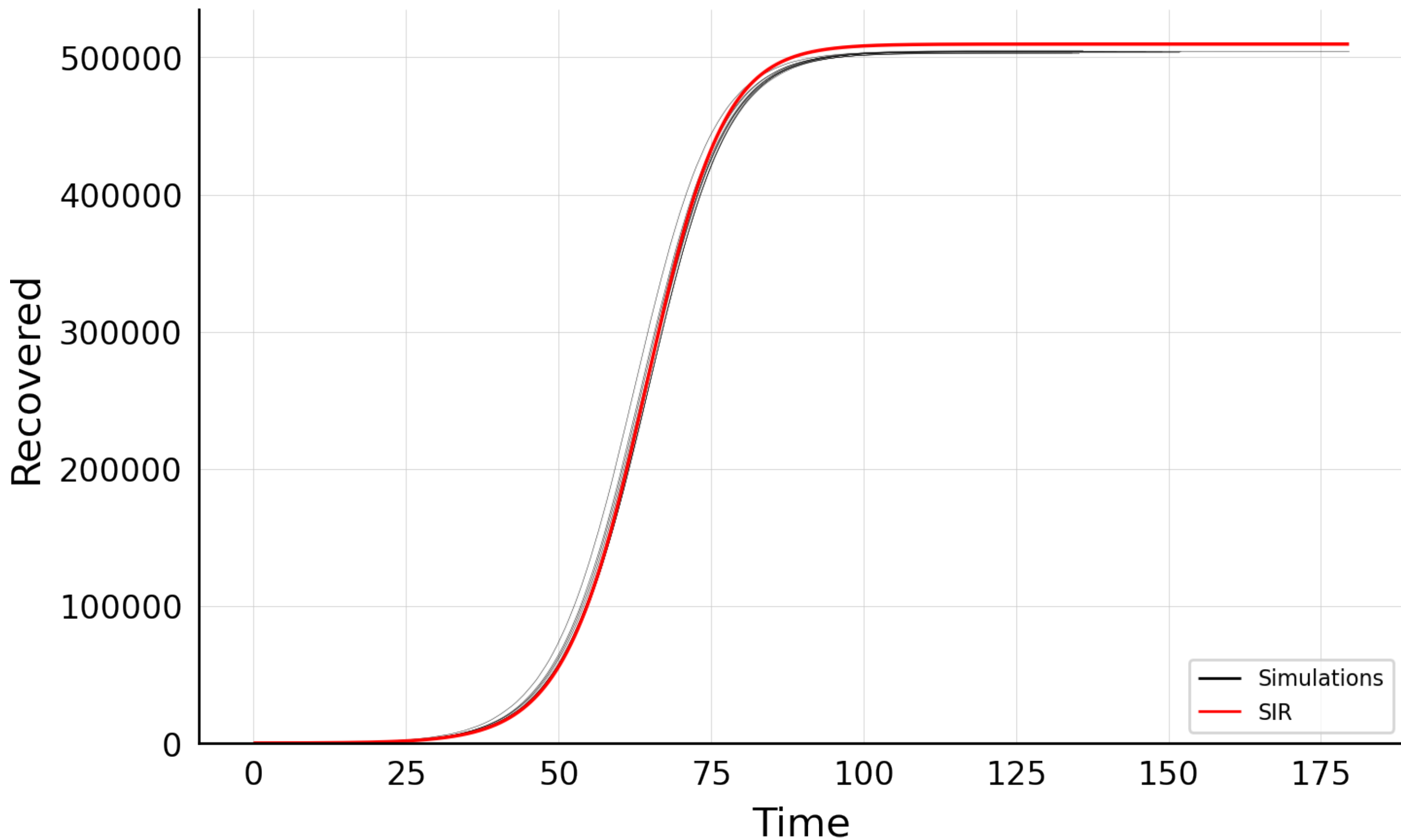
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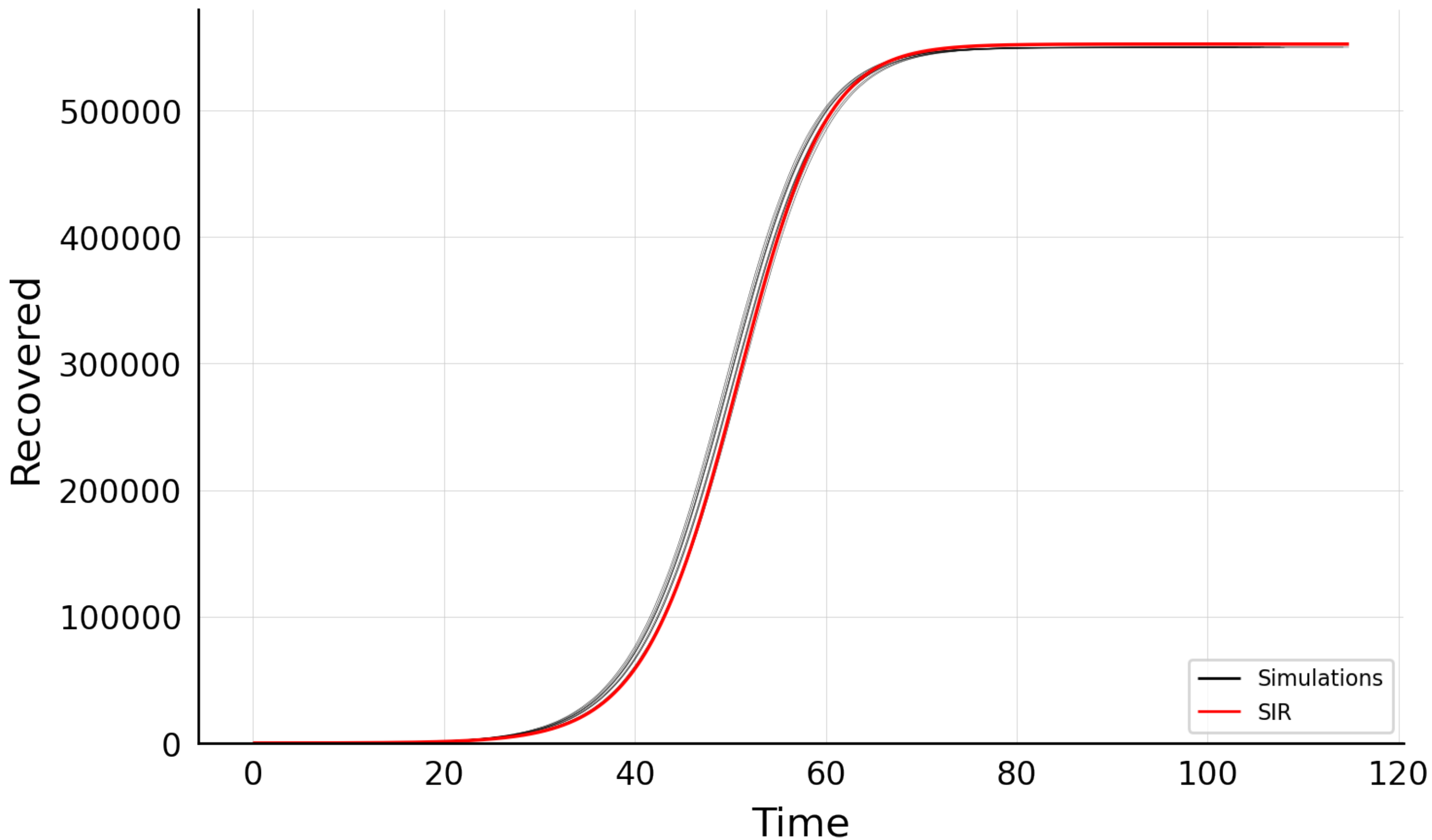
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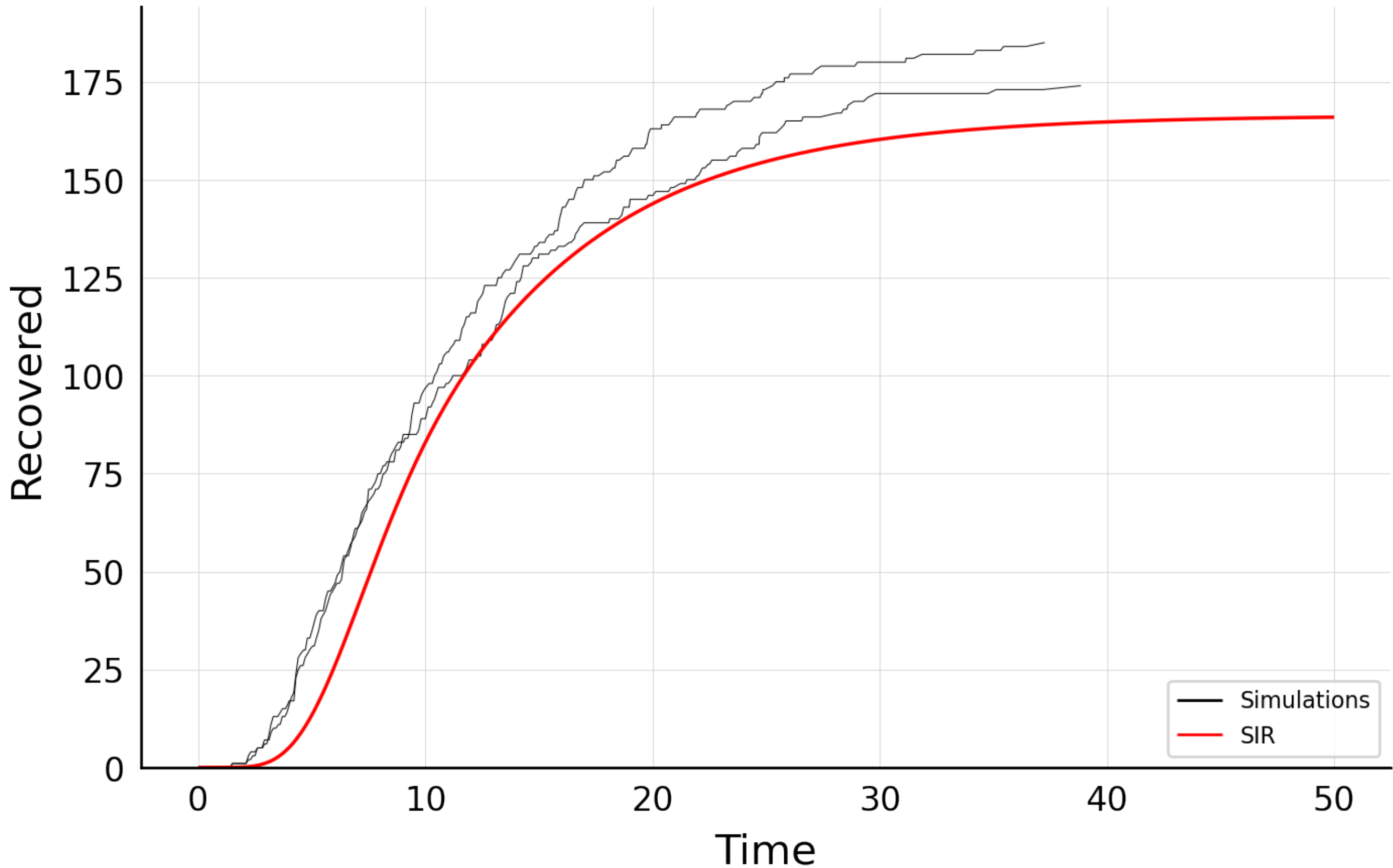
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 60.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, $\#10$



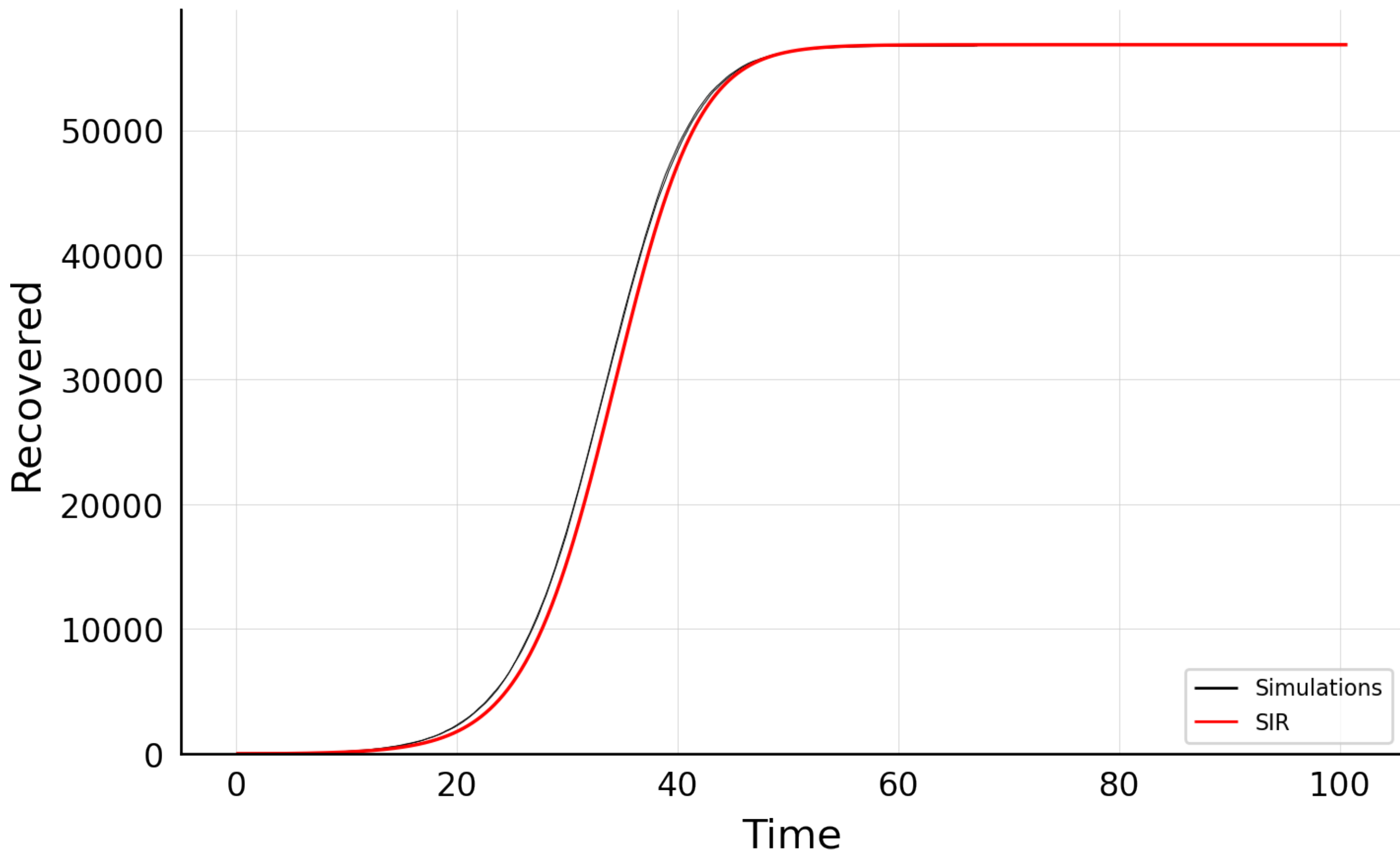
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 80.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, $\#10$



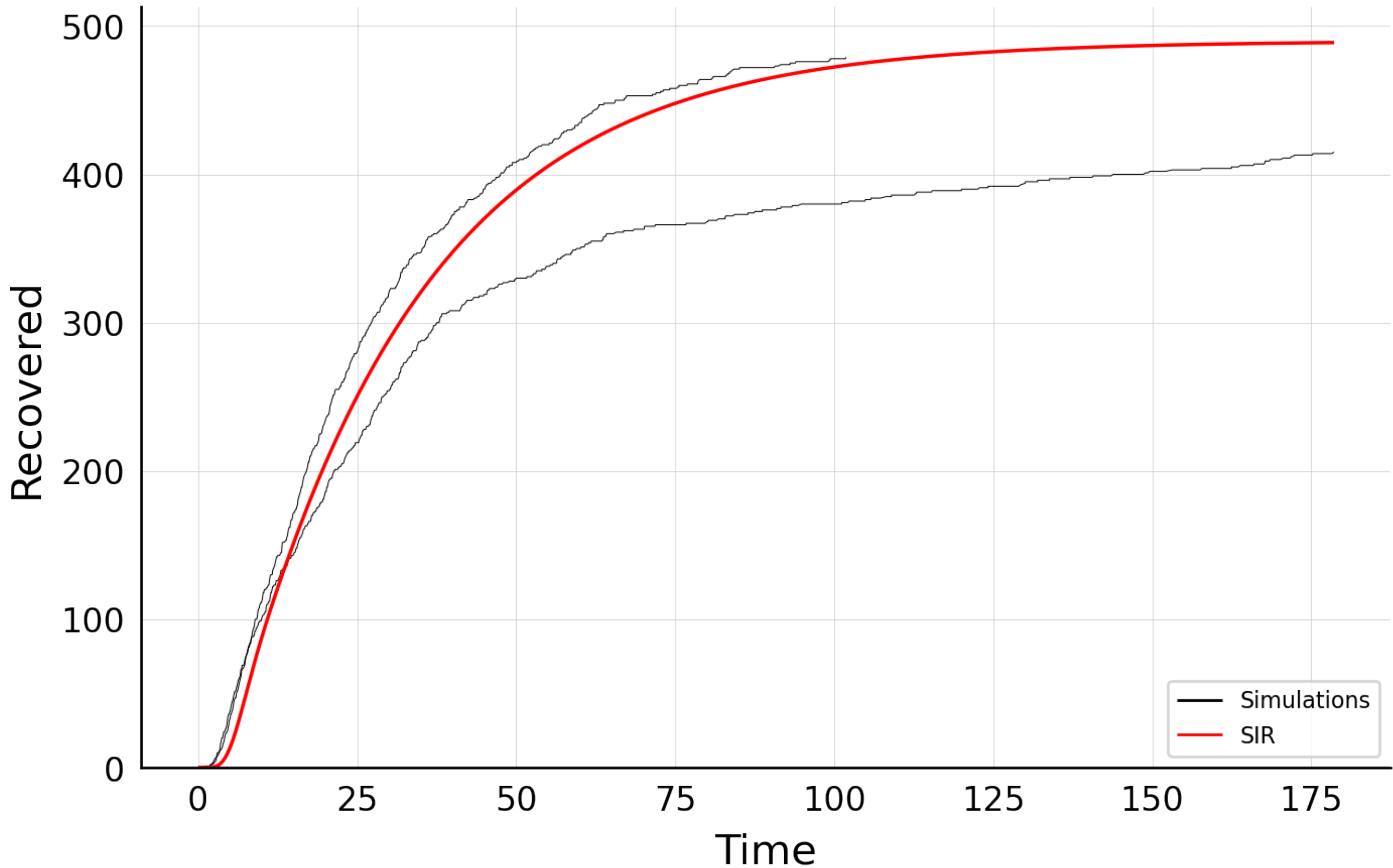
$N_{\text{tot}} = 58K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 10.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #2



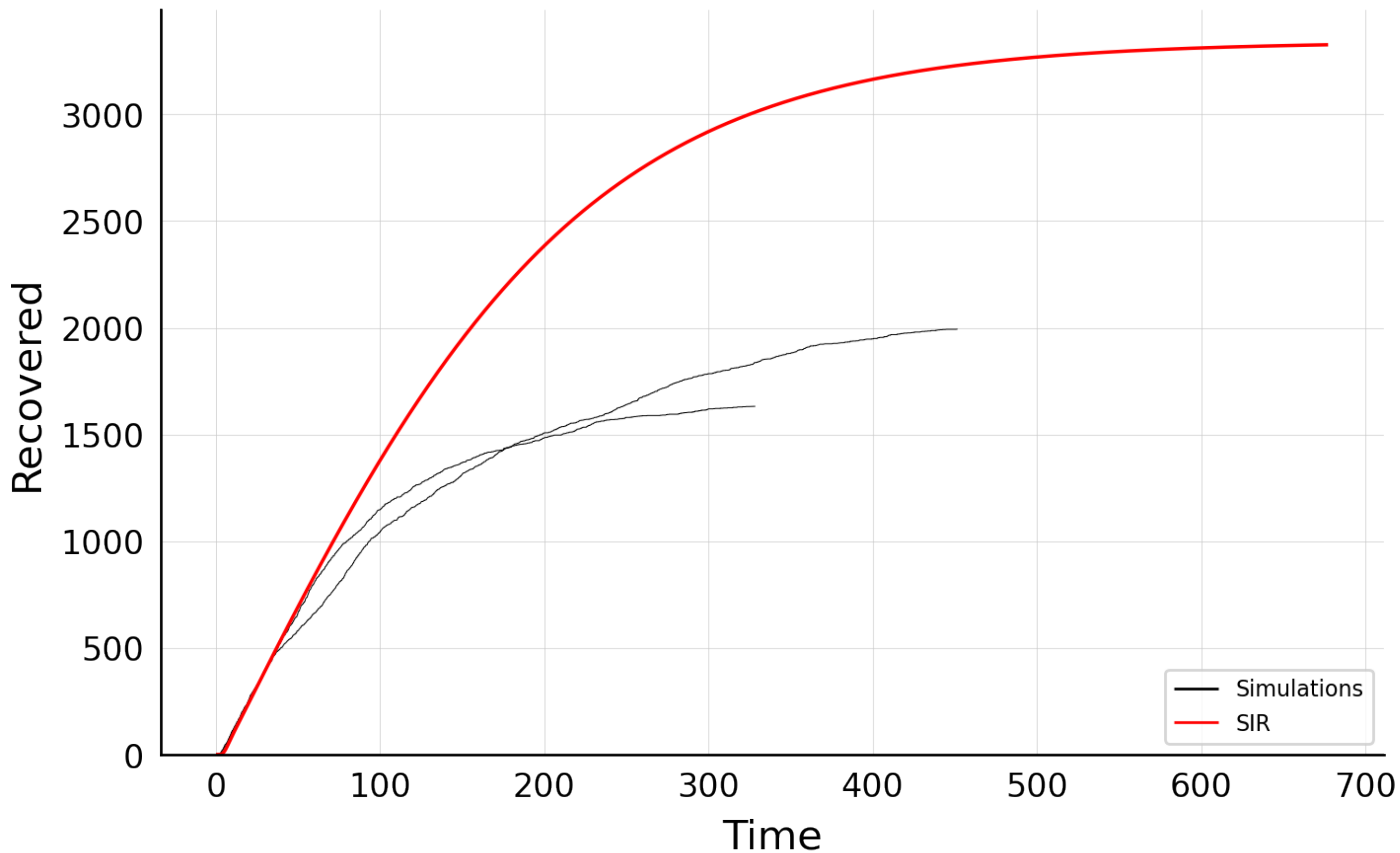
$N_{\text{tot}} = 58K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 100.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #2



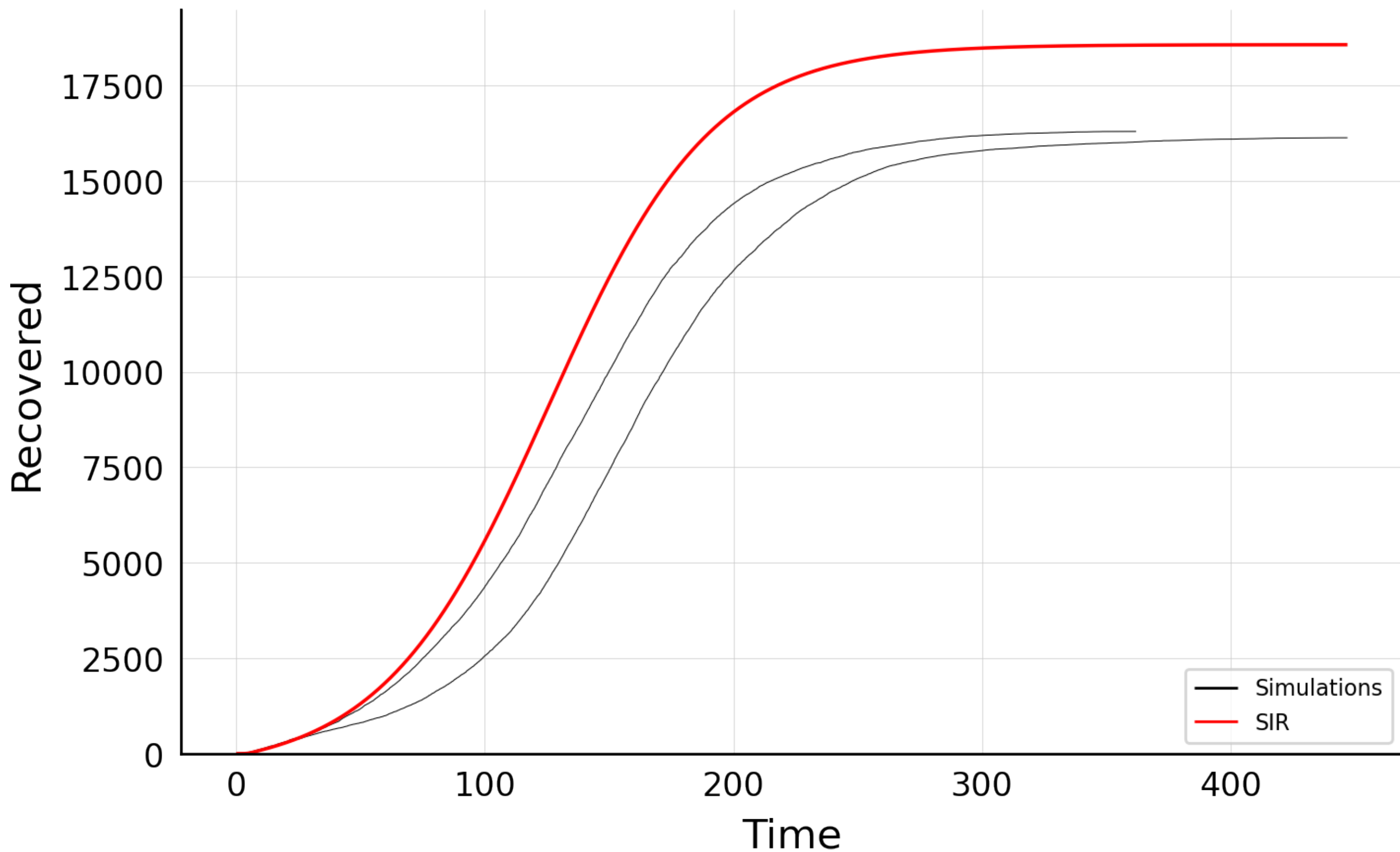
$N_{\text{tot}} = 58K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 20.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #2



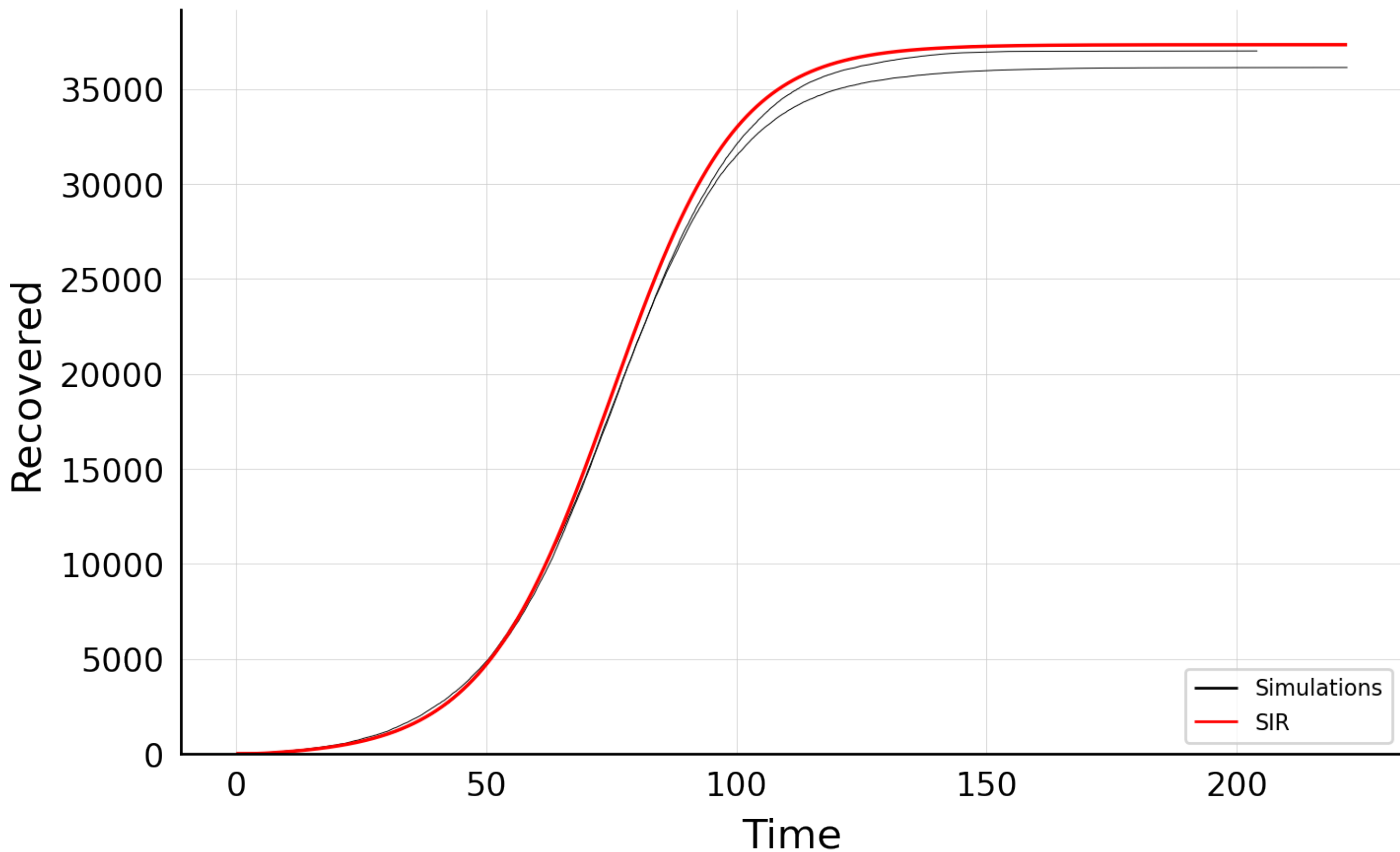
$N_{\text{tot}} = 58K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 25.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #2



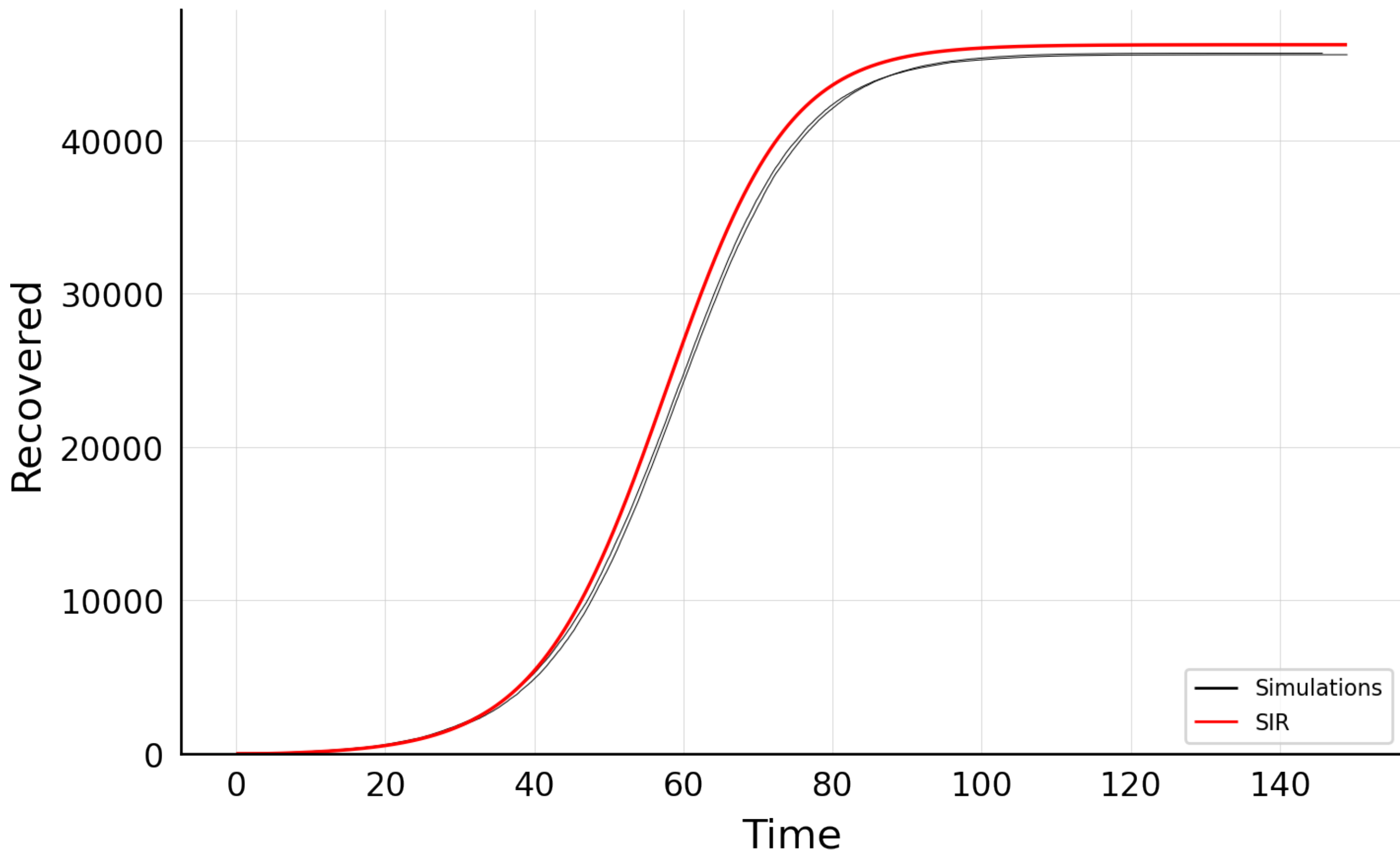
$N_{\text{tot}} = 58K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 30.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #2



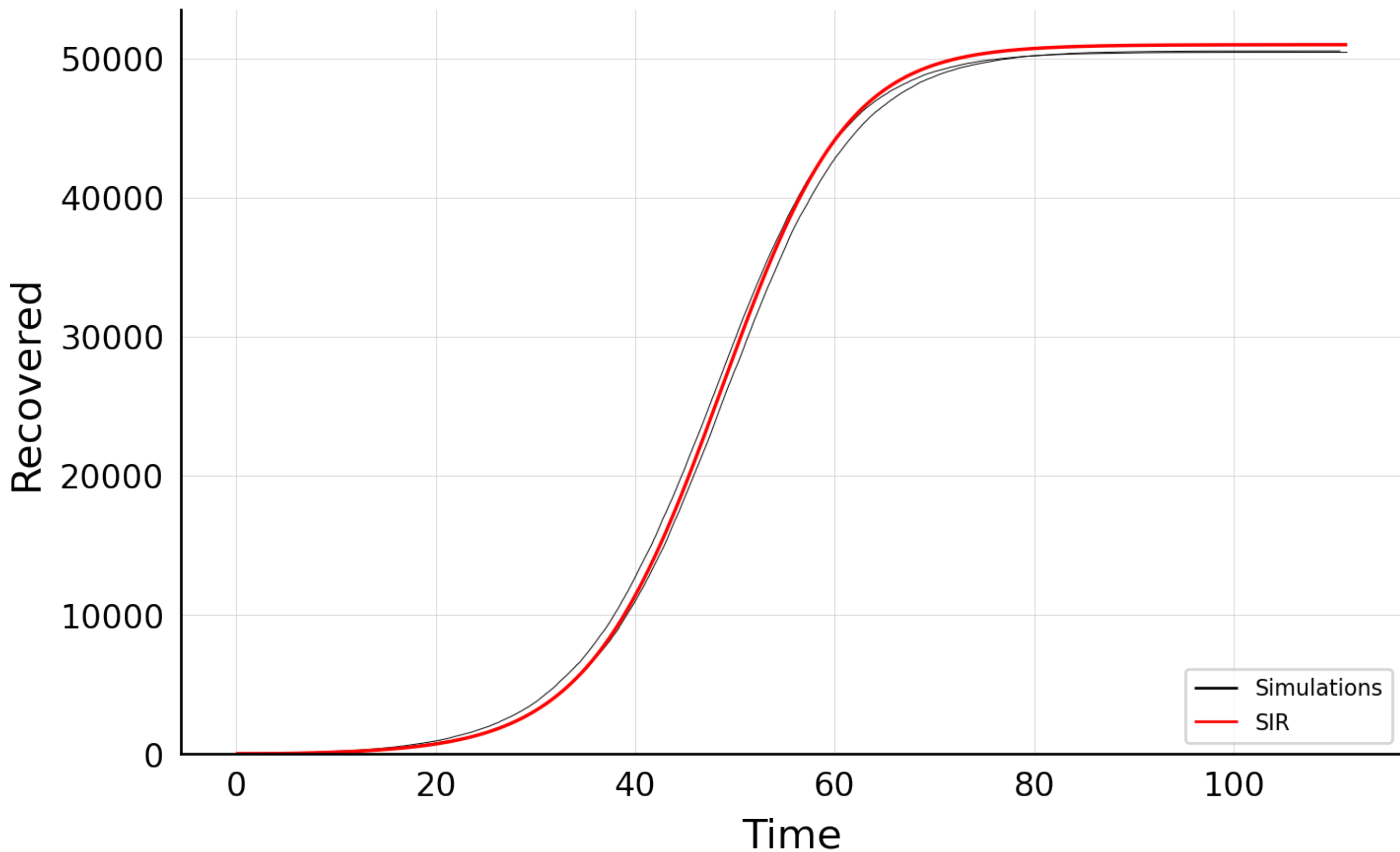
$N_{\text{tot}} = 58K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #2



$N_{\text{tot}} = 58K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 50.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #2



$N_{\text{tot}} = 58K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 60.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #2



$N_{\text{tot}} = 58K$, $N_{\text{init}} = 100$, $N_{\text{ages}} = 1$, $\mu = 80.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $\beta_{\text{scaling}} = 1.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$, #2

