

$N = 500K, \mu = 20.0, \sigma_\mu = 0.0, \rho = 0.0, \beta = 0.01, \sigma_\beta = 0.0, \lambda_E = 1.0, \lambda_I = 1.0, \epsilon_\rho = 0.01, f_{02} = 0.0, \text{connect}_{\text{algo}} = 1$

