

$N = 500K$, $N_{\text{init}} = 100$, $\mu = 20.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.01$, $f_{02} = 0.0$, $\text{connect}_{\text{algo}} = 1$

