

$N_{\text{init}} = 100, \rho = 0.0, \epsilon_{\rho} = 0.04, \mu = 40.0, \sigma_{\mu} = 0.0, \beta = 0.01, \sigma_{\beta} = 0.0$   
 $\lambda_E = 1.0, \lambda_I = 1.0, \text{algo} = 2$

