

$N_{\text{tot}} = 5.8M$ ,  $N_{\text{init}} = 100$ ,  $\rho = 0.01$ ,  $\epsilon_{\rho} = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_{\mu} = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_{\beta} = 0.0$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , algo = 2,  $ID = 0$

