$N_{\text{tot}} = 5.8M,\ N_{\text{init}} = 1K,\ N_{\text{ages}} = 1,\ \mu = 40.0,\ \sigma_\mu = 0.0,\ \beta = 0.01,\ \sigma_\beta = 0.0,\ \rho = 100.0$
$\lambda_E = 1.0,\ \lambda_I = 1.0,\ \epsilon_\rho = 0.0,\ \text{age}_{\text{mixing}} = 1.0,\ \text{algo} = 2$