$N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \text{algo} = 2, \ N_{\text{init}} = 100$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True}, \ N_{\text{retries}}^{\text{connect}} = 0, \ \text{v.} = 1.0, \ \#10$

