$\label{eq:T_max} \begin{array}{c} T_max\!=\!1000,\,dT\!=\!0.1,\,K\!=\!10000,\,N0\!=\!10000,\\ sigma0\!=\!0.1,\,beta\!=\!0,\,d_e\!=\!2,\,mu\!=\!1,\,b_r\!=\!1,\\ d_r\!=\!1,\,C\!=\!0.5,\,sigma\!=\!0.01,\,tau\!=\!0.47499999999999,\,x_mean\!=\!1, \end{array}$

