$$\label{eq:total_control_total_control_total_control} \begin{split} & T_{\text{max}}\!=\!300, \, \text{dT}\!=\!0.1, \, \text{K}\!=\!10000, \, \text{N0}\!=\!10000, \\ & \text{sigma0}\!=\!0.1, \, \text{beta}\!=\!0, \, \text{d}_{\text{e}}\!=\!2, \, \text{mu}\!=\!1, \, \text{b}_{\text{r}}\!=\!1, \\ & \text{d}_{\text{r}}\!=\!1, \, \text{C}\!=\!0.5, \, \text{sigma}\!=\!0.01, \, \text{tau}\!=\!0.52, \, \text{x}_{\text{mean}}\!=\!1, \end{split}$$

