



## Parameter setting:

$\text{iniH} = 10$ ,  $\text{iniP} = 10$ ,  $\text{n.H} = 30$ ,  $\text{n.P} = 30$ ,  $\text{v.H} = 0.15$ ,  $\text{v.P} = 0.15$ ,  $\text{r.H} = 0.04$ ,  $\text{r.P} = 0.1$ ,  $\text{mU.PnH} = 1.5$ ,  $\text{mU.HnP} = 1$ ,  
 $\text{mU.P1H} = 0$ ,  $\text{mU.H1P} = 0$ ,  $\text{U.bHn} = 10$ ,  $\text{U.bPn} = 20$ ,  $\text{U.bH1} = 80$ ,  $\text{U.bP1} = 100$ ,  $\text{MaxArea} = 200$ ,  $\text{maxIt} = 5000$ ,  $\text{tol} = 6$ ,  $\text{timing.threshold} = 0.5$