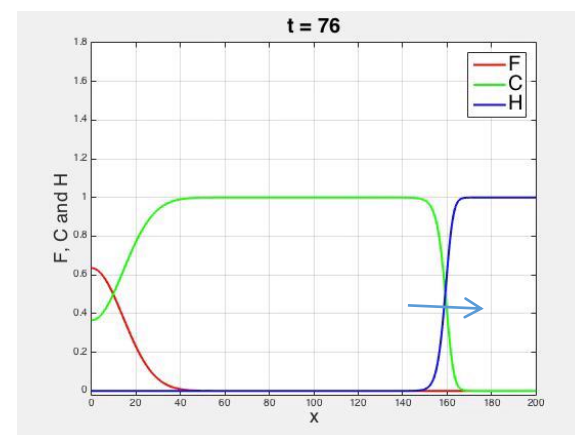
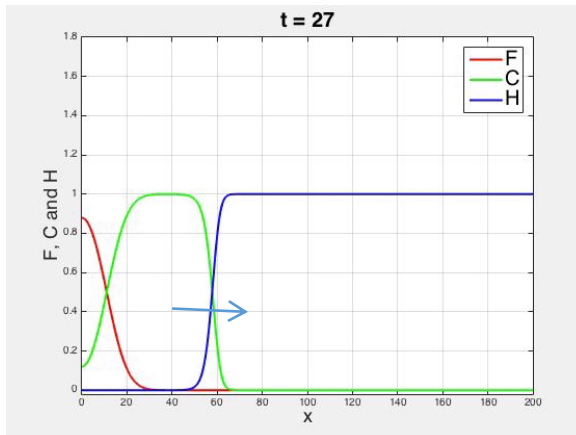
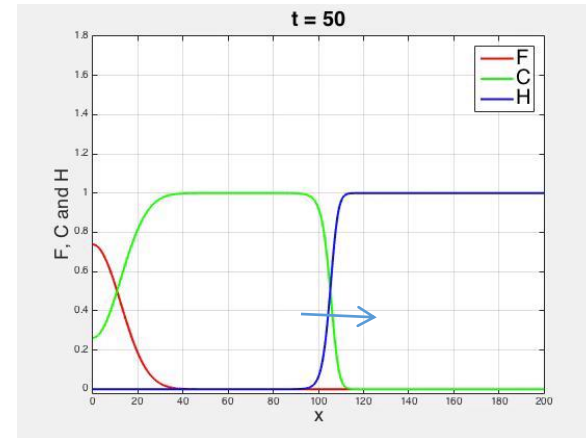
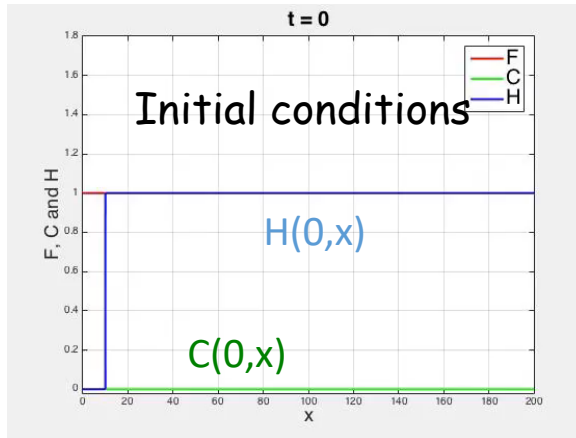


Simulation of 1D spreading waves solutions

Take $d = 1$, $s = 0.1$, $r = 1.0$, $g = 2.0$ ($g > r$) and $\alpha = 0.1$ (relatively small).

$F(0,x)$



Occurrence of (C, H) traveling wave with minimal velocity $2(1 + s)^{1/2}$

Propagating wave with cultural diffusion