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In [1]: using DifferentialEquations, Plots, Rsvg  
gr()
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Out[1]: Plots.GRBackend()
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In [2]: # two antigens and N=1 same K
rn = @reaction_network rtype begin

    (k, v1), L1 + R ↔ C0

    k, L2 → D0

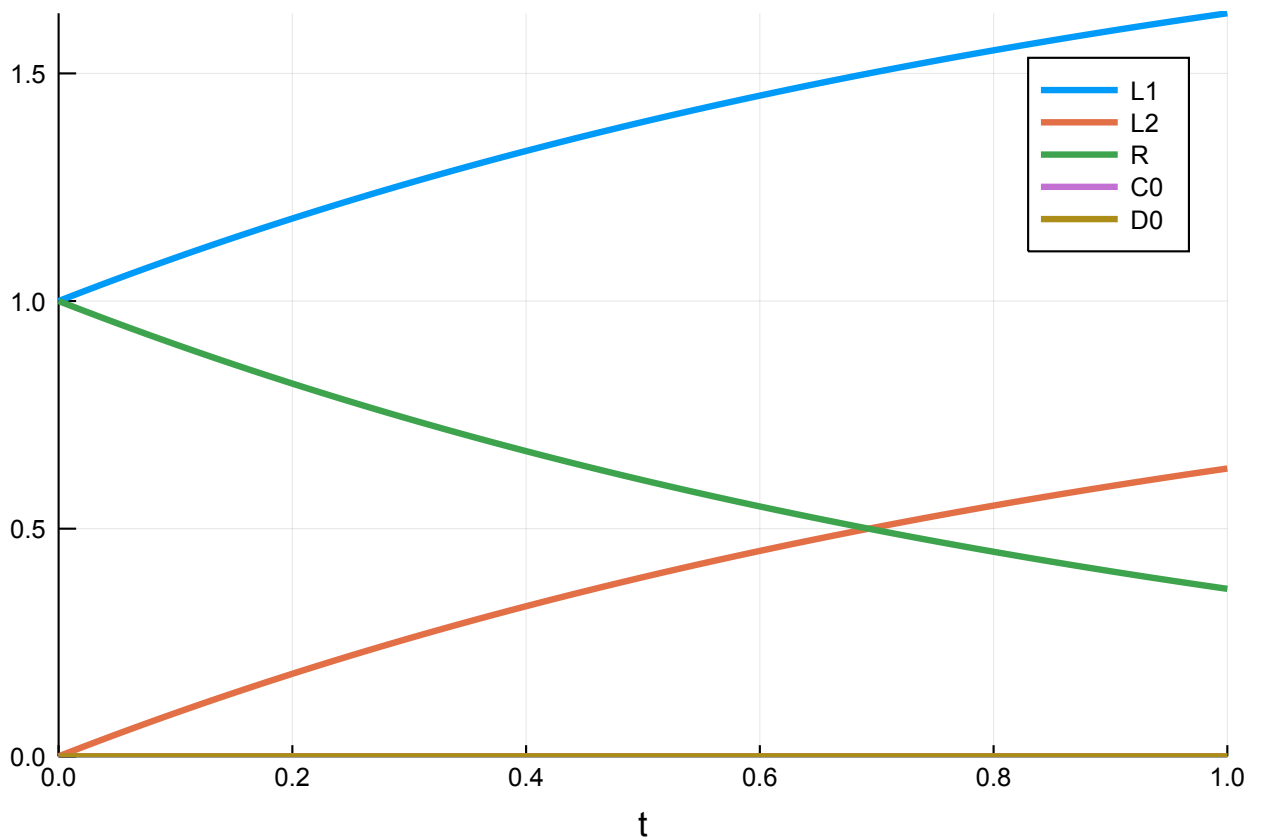
end k v1

rnpar = [0, 1] # values of the rate constants
varlabels = ["L1", "L2", "R", "C0", "D0"]

tf = 1
u0f = [1., 0., 1, 0.,0.]
odeprob = ODEProblem(rn, u0f, (0.,tf),rnpar)
sol = solve(odeprob,Tsit5())
plot(sol, label=varlabels)

```

Out[2]:



In []:

