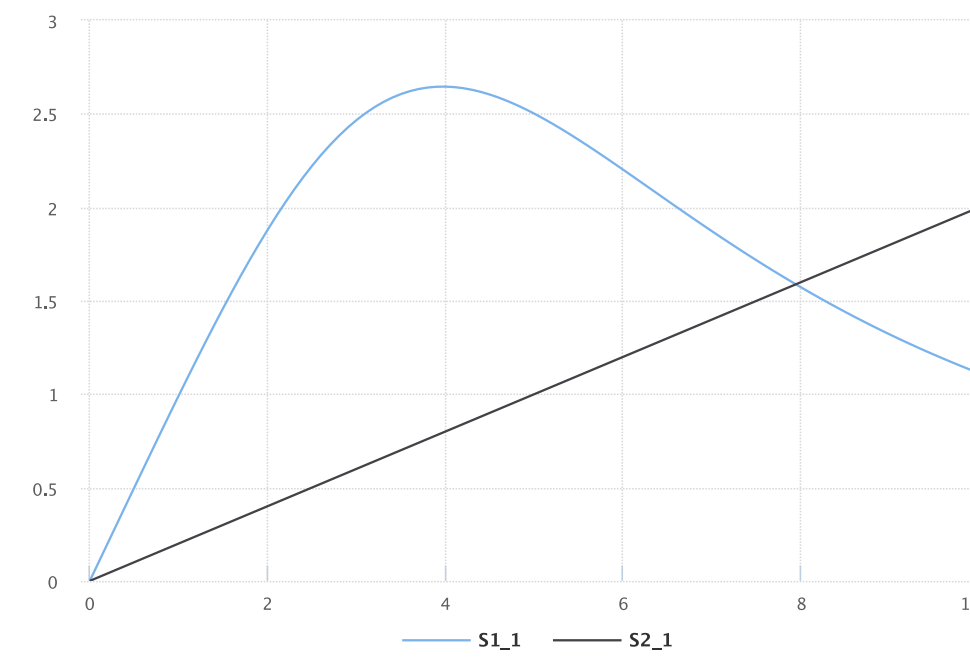
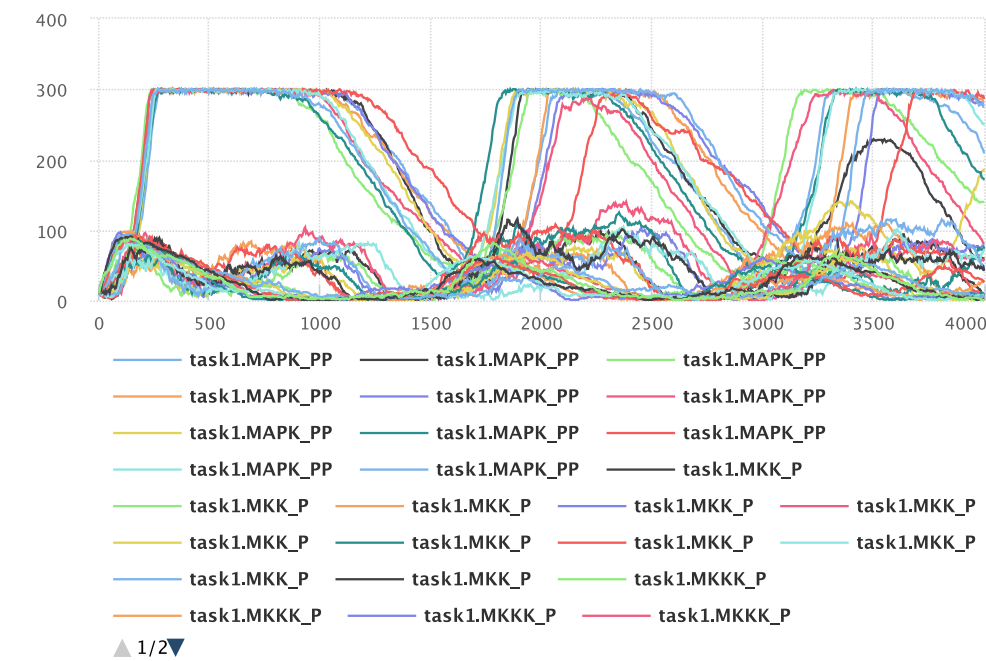


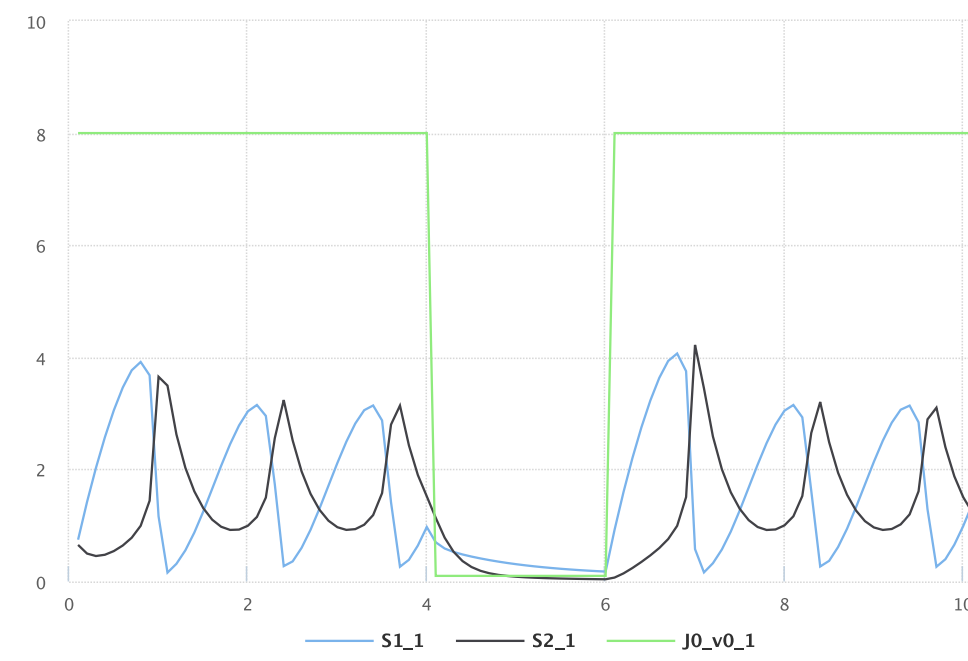
## Steady State Scan



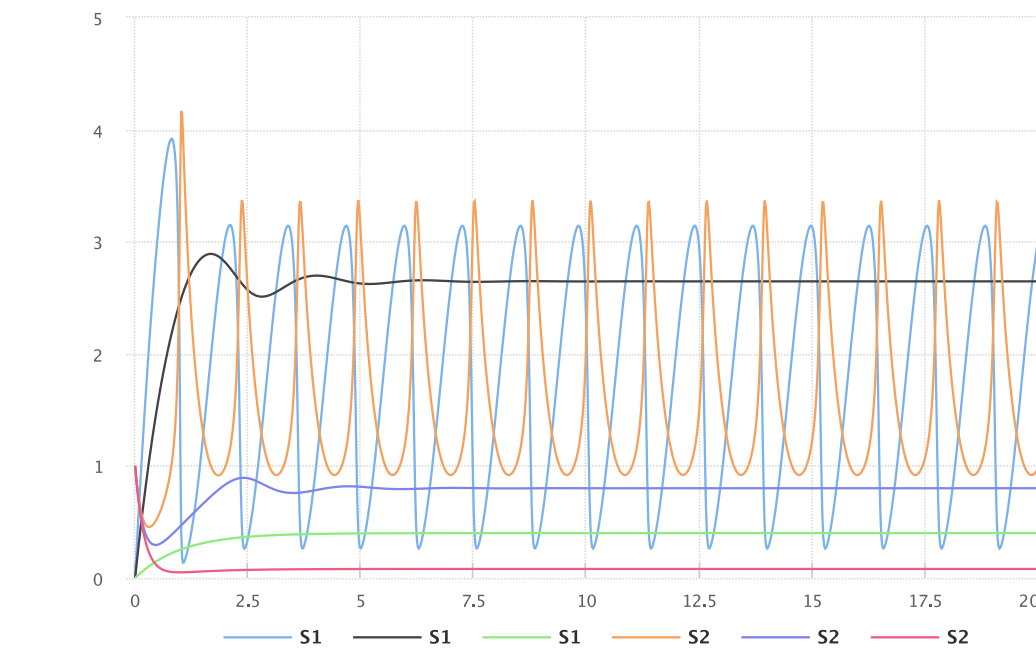
## Stochastic Traces



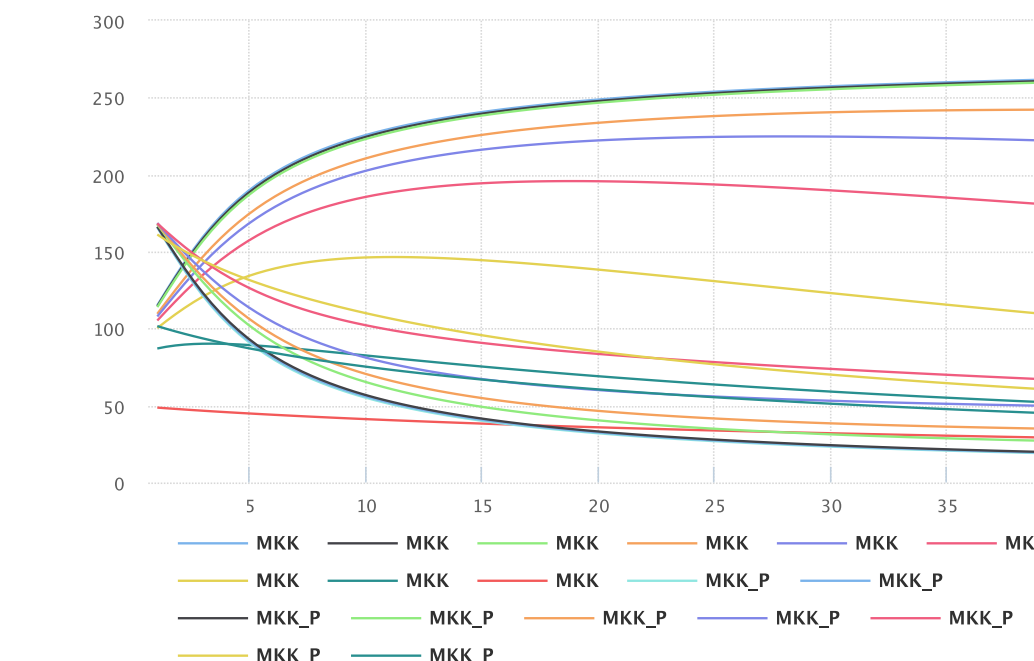
## Pulse Experiment



## Timecourse Scan



## Nested Scan



Web Tools

Initial COMBINE  
archive from SED-ML  
Web Tools



Import into Tellurium  
and reproduce  
simulation



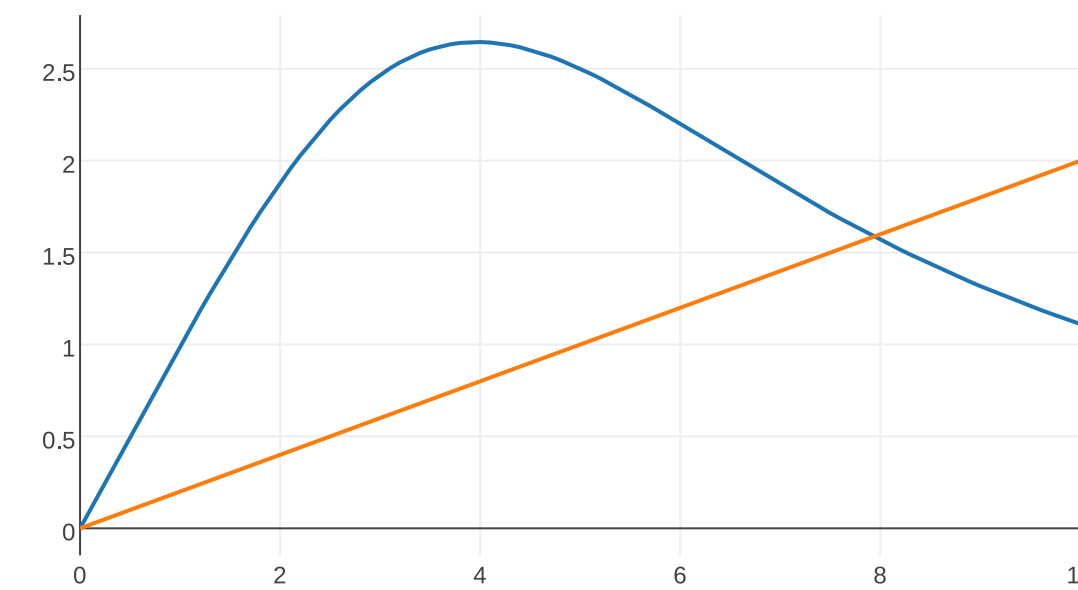
Edit in Tellurium to  
produce visible change  
in simulation



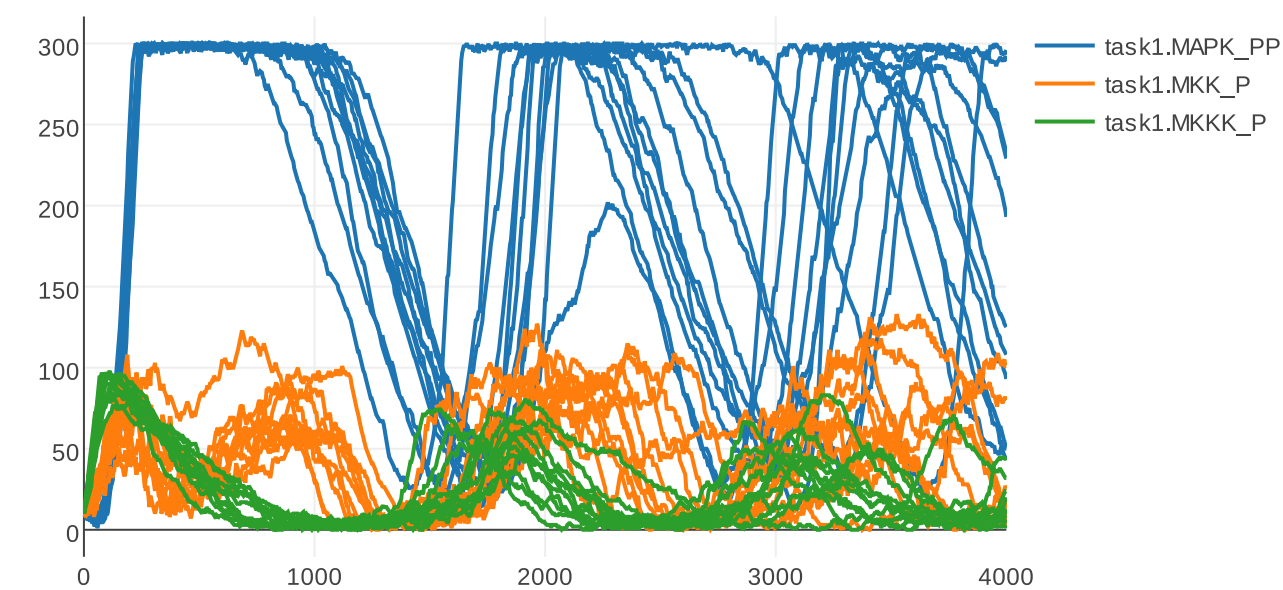
Web Tools

Re-export to SED-ML  
Web Tools using  
COMBINE archive to  
validate exchangeability

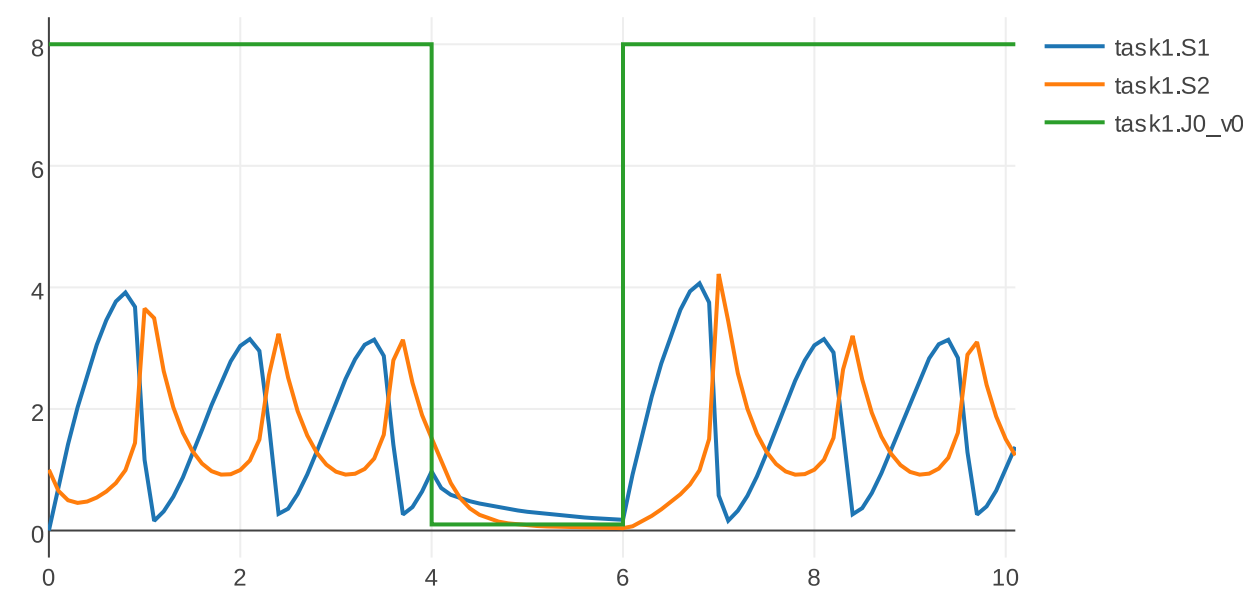
Steady State Scan (Oscil)



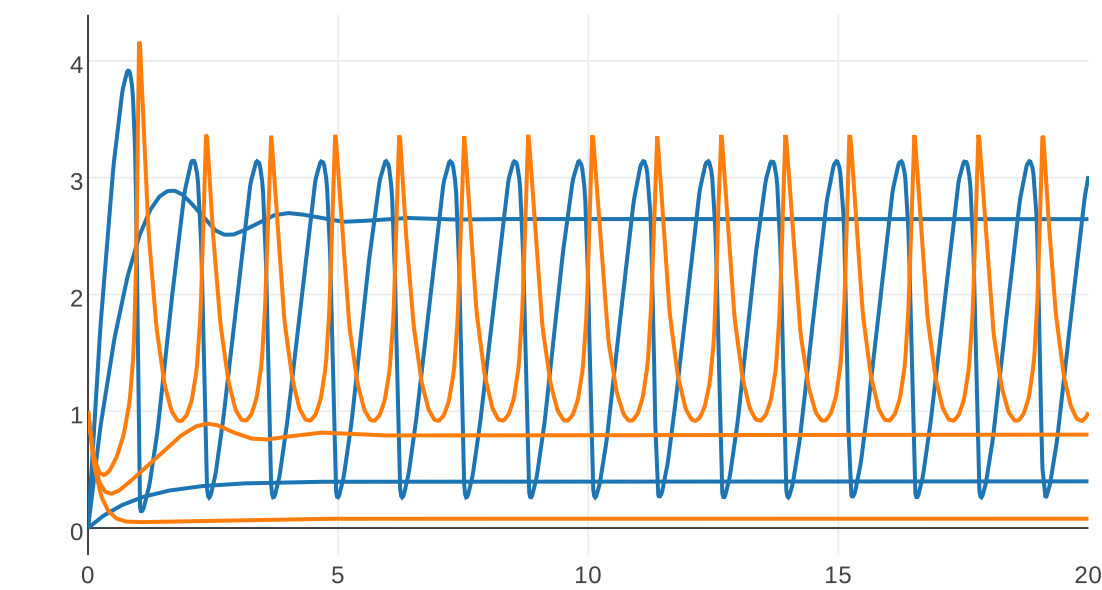
MAPK feedback (Kholodenko, 2000) (stochastic trace)



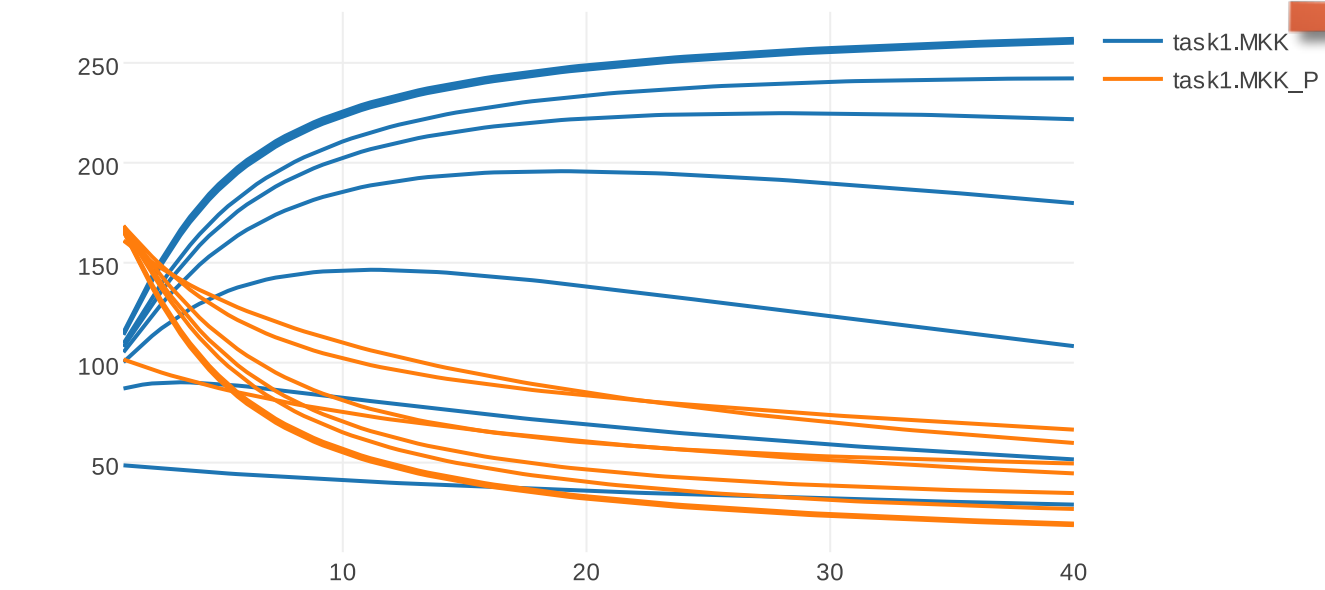
Species Concentration under v0 pulse (Oscil)



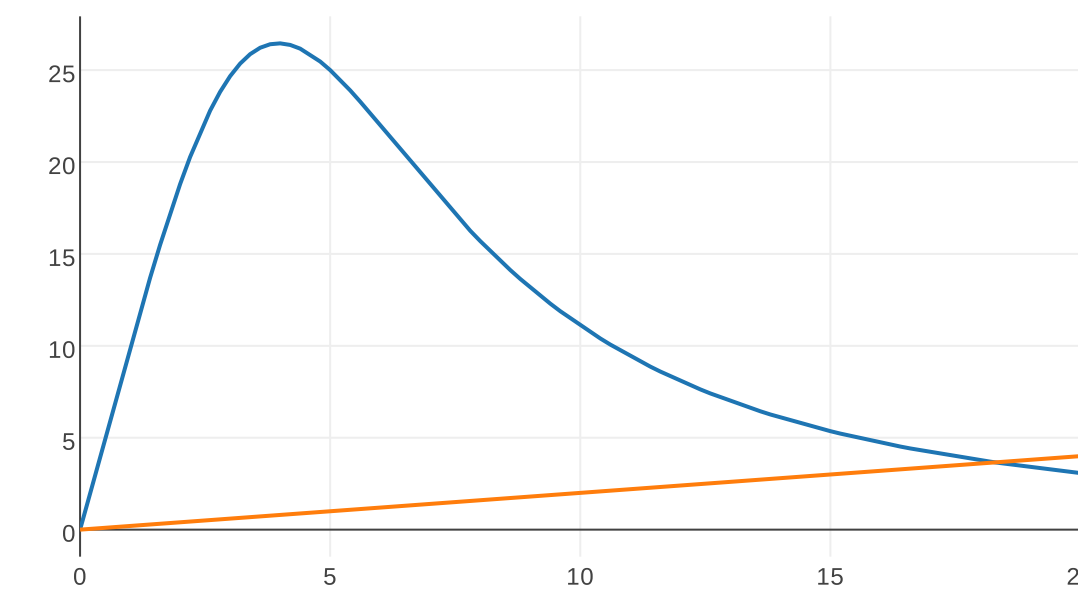
Timecourse (Oscil) (for v0 = 8, 4, 0.4)



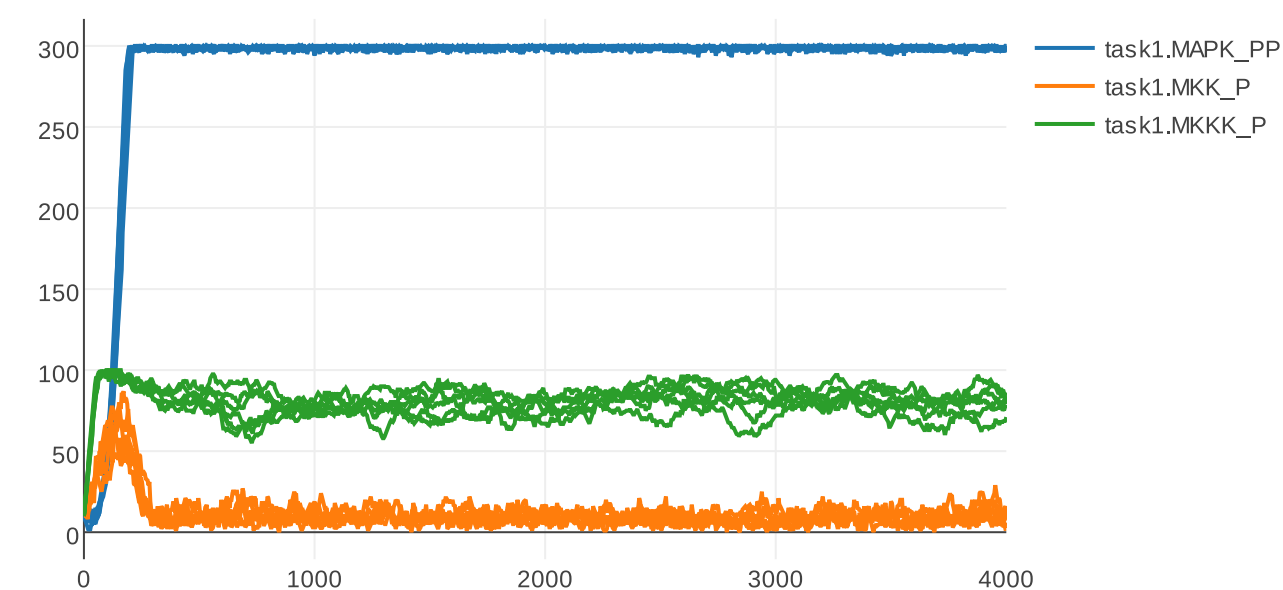
Steady State Scan (Boris 2D)



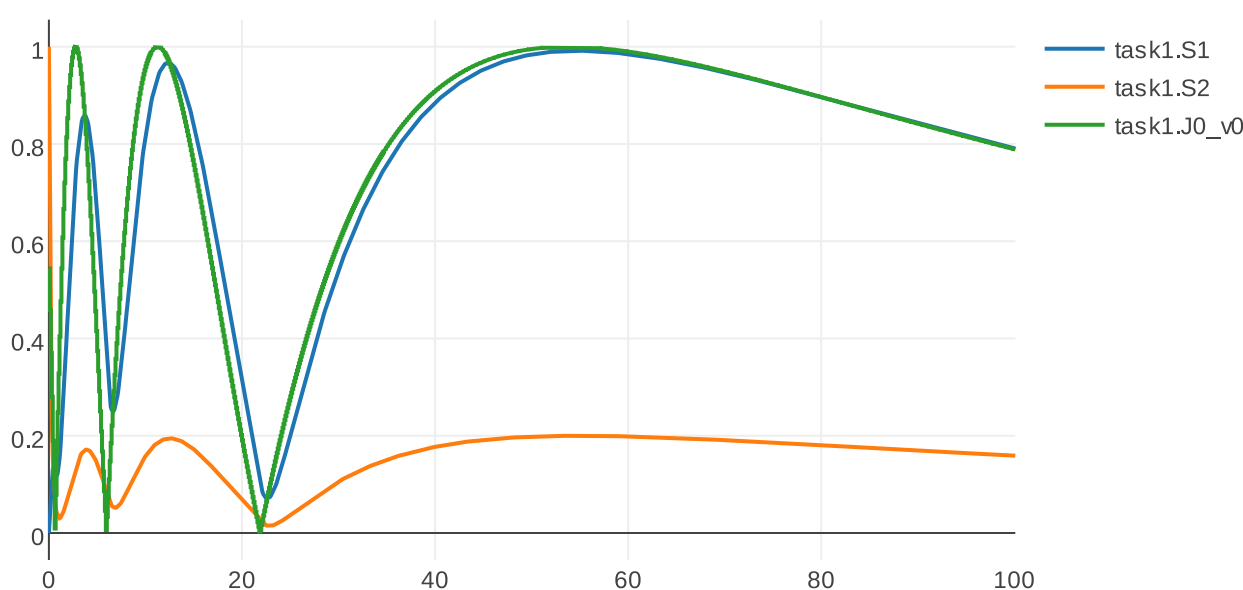
Steady State Scan (Oscil)



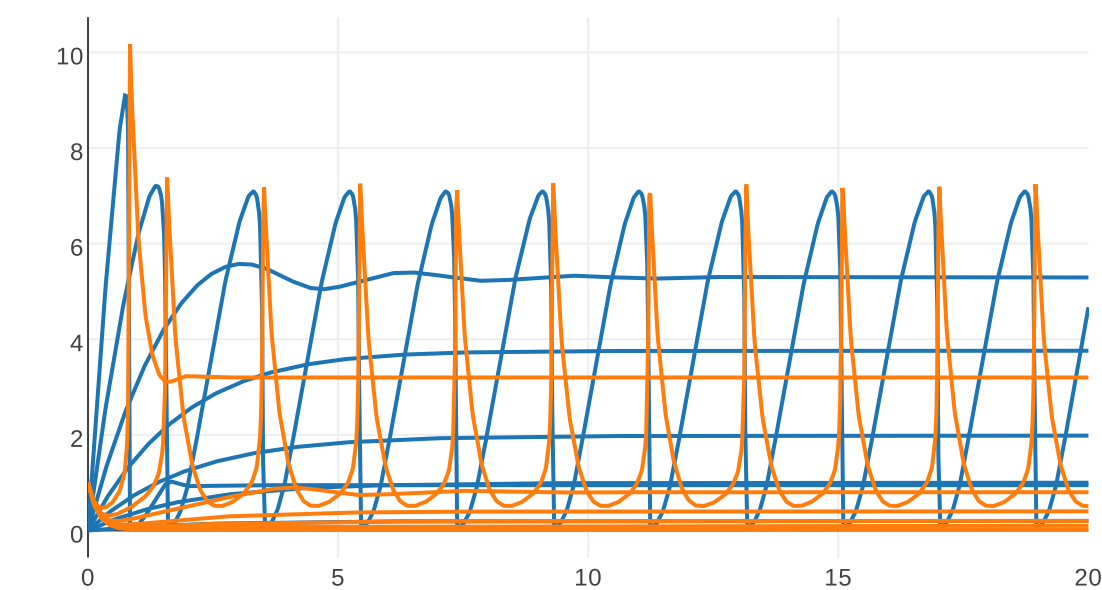
MAPK feedback (Kholodenko, 2000) (stochastic trace)



Using an Arbitrary, Time-varying Forcing Function



Timecourse (Oscil) (for v0 = 0.1, 0.5, 1, 2, 4, 8, 16)



Steady State Scan (Boris 2D)

