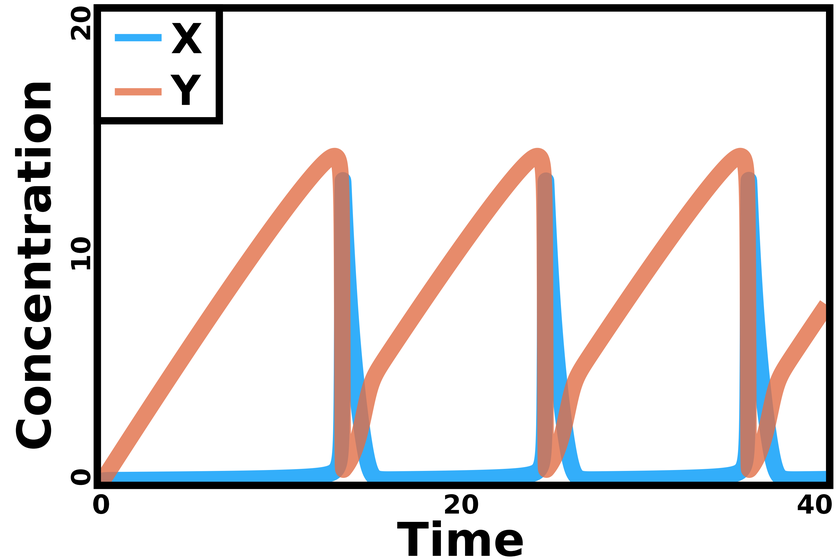
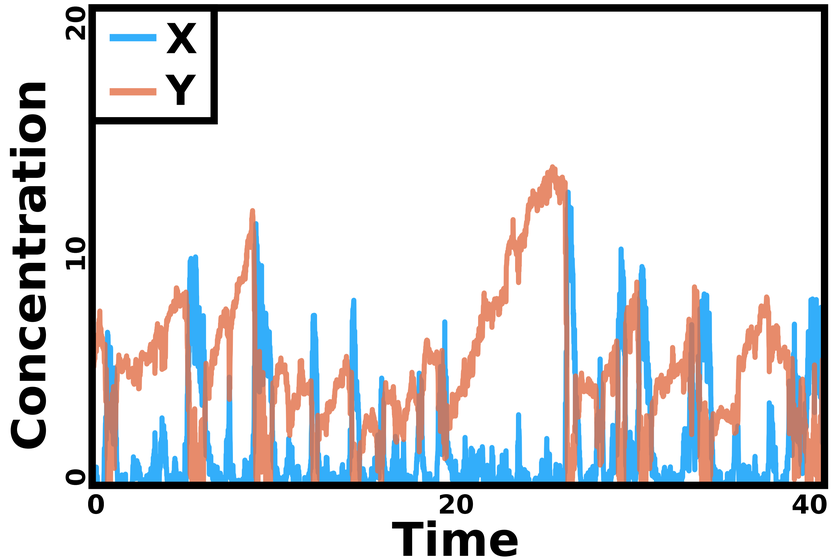
A

```
using OrdinaryDiffEq
u0 = [:X => 0., :Y => 0.]
tspan = (0., 60.)
p = [:A => 1.0, :B => 4.0]
oprob = ODEProblem(brusselator,u0,tspan,p)
sol = solve(oprob,Rosenbrock23())
plot(sol)
```



B

```
using StochasticDiffEq
u0 = [:X => 0., :Y => 5.]
tspan = (0., 60.)
p = [:A => 1.0, :B => 4.0]
sprob = SDEProblem(brusselator,u0,tspan,p)
sol = solve(sprob,ImplicitEM())
plot(sol)
```



C

```
using DiffEqJump
u0 = [:X => 0, :Y => 0]
tspan = (0., 60.)
p = [:A => 3.0, :B => 4.0]
dprob = DiscreteProblem(brusselator,u0,tspan,p)
jprob = JumpProblem(brusselator,dprob,Direct())
sol = solve(jprob,SSAStepper())
plot(sol)
```