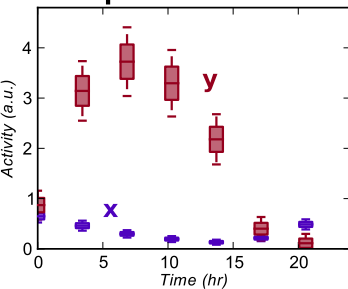


## Model Equations

$$\frac{dx}{dt} = f_1(y) - (k + d_x)x$$
$$\frac{dy}{dt} = kx - d_y y$$

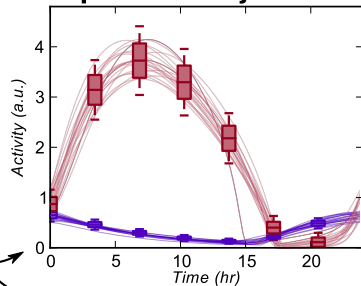
## Experimental Data



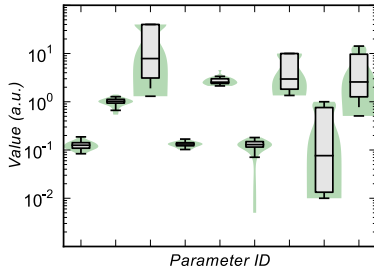
## Bootstrap Method

1. Sample from data distribution
2. Fit optimal parameters
3. Calculate sensitivity distribution

## Optimized Trajectories



## Parameter Distributions



## Sensitivity Distributions

