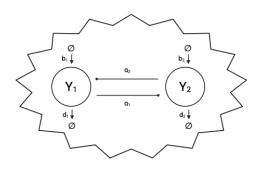
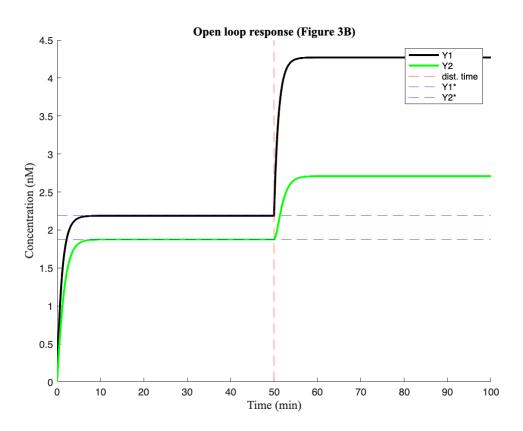
Simulating alternative feedback topologies for the R-regulator system

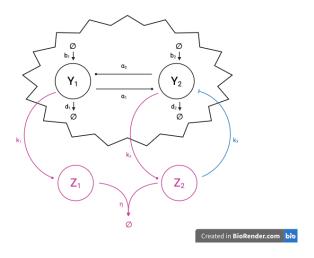
0. Open-loop system

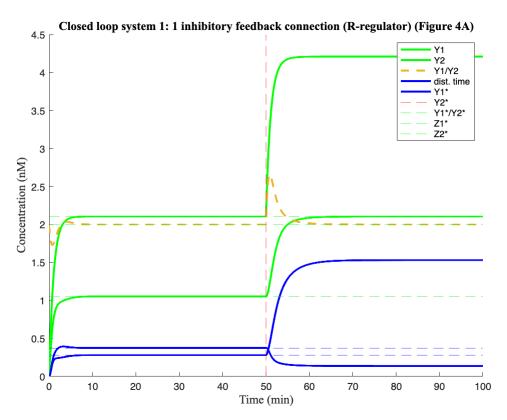


Created in BioRender.com bio

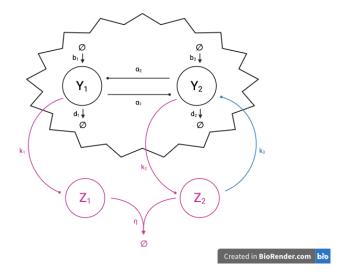


1. 1 inhibitory feedback connection

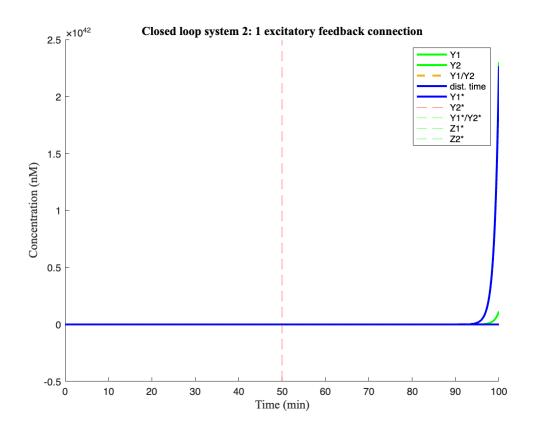




2. 1 excitatory feedback connection

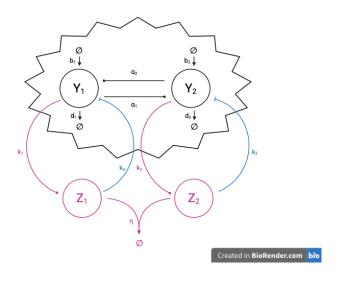


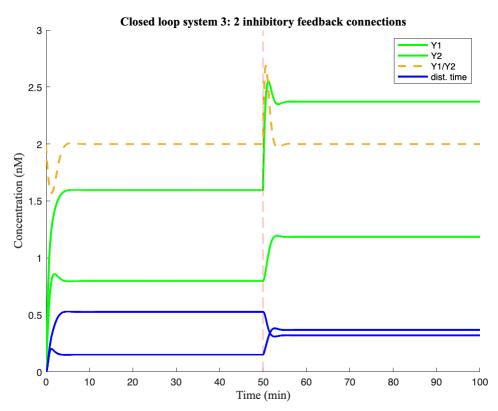
Question: Why do we apply the disturbance specifically to the Y1_dot term?



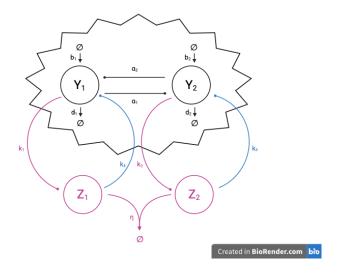
This system is unstable.

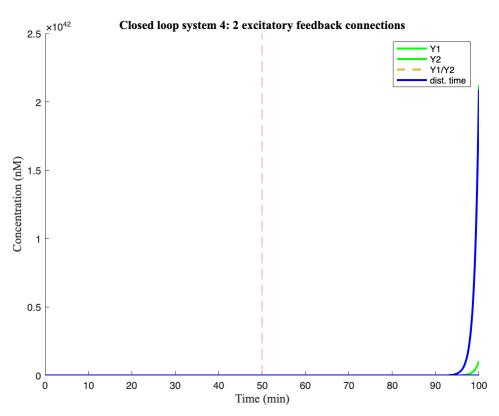
3. 2 inhibitory feedback connections





4. 2 excitatory feedback connections





5. 1 excitatory, 1 inhibitory feedback connection

