(a) A simpler, more schematic diagram with cartoons, roughly of the below
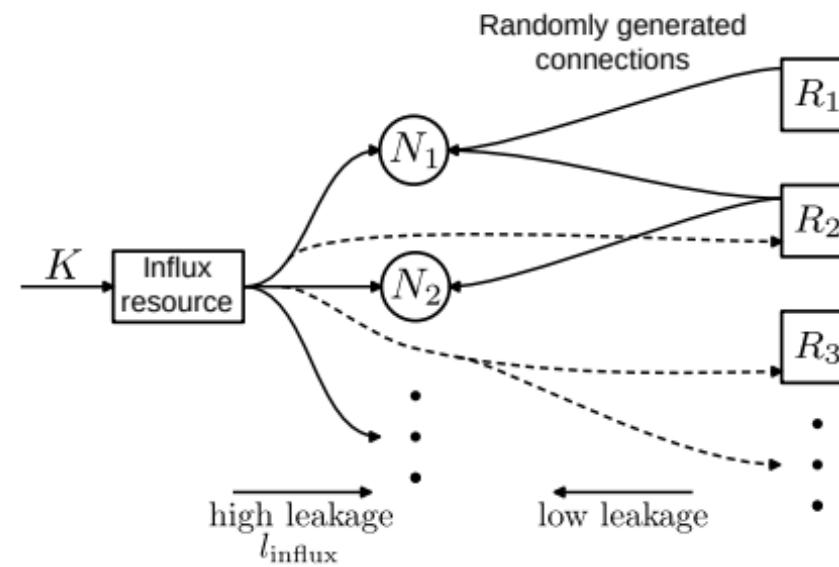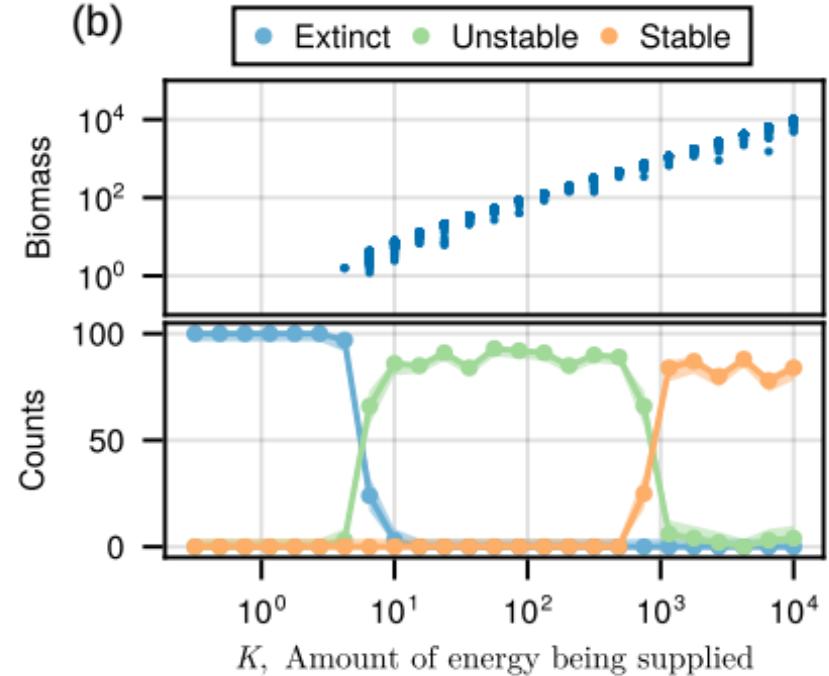
Randomly generated connections

$K \rightarrow$ Influx resource

N_1, N_2

R_1, R_2, R_3

high leakage
l_{influx}

low leakage

(b)

Extinct | Unstable | Stable

Biomass

Counts

K, Amount of energy being supplied

(c)

ϵ, Usage of the influx resource

K, Amount of energy being supplied