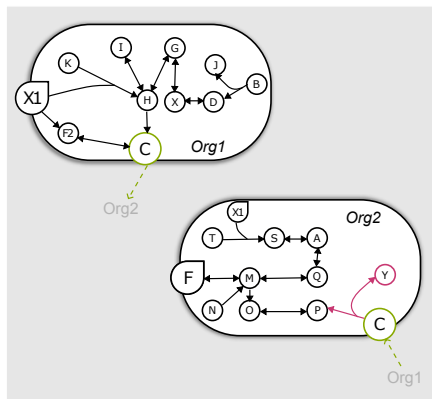


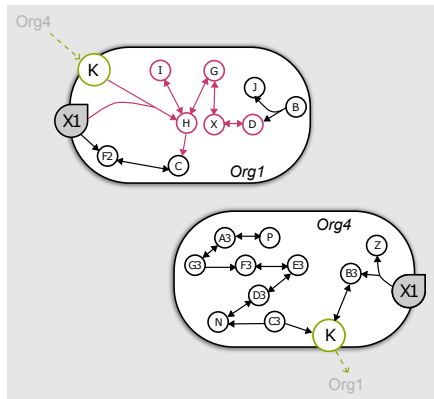
a.



CooP = 2
 $\delta = 1$ $\rho = 1$

ComP = 0

b.



CooP = 2
 $\delta = 5$ $\rho = 10$

ComP = 1

X \dashrightarrow Org4 Exchanged metabolite to

Org4 \dashrightarrow X Exchanged metabolite from

X Newly produced metabolite

X \longleftrightarrow Z Newly activated reaction

X1 X Polyopsonist metabolite