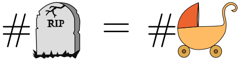
Updating the population

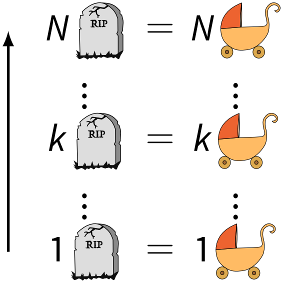
Constant population size (N), so
between two time steps,

$\#$ 

$=$ $\#$ 

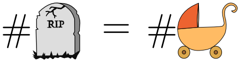
Constant population size (N), so between two time steps,

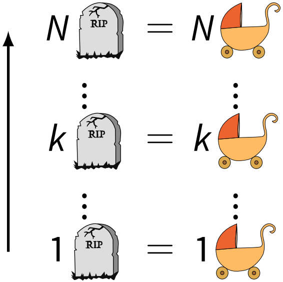




Updating the population

Constant population size (N), so
between two time steps,



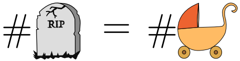


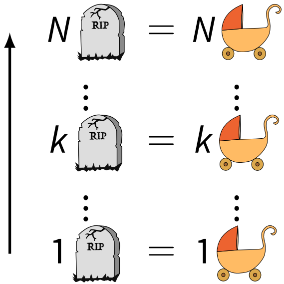
Wright-Fisher

Moran process

Updating the population

Constant population size (N), so
between two time steps,



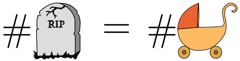


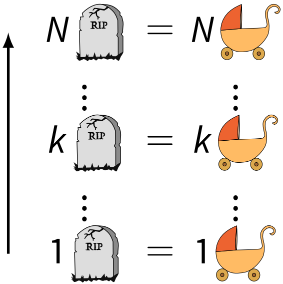
Wright-Fisher

Moran process

Updating the population

Constant population size (N), so between two time steps,





Wright-Fisher

Moran process

Life-cycle

"Death-Birth" updating

Updating the population

Constant population size (N), so between two time steps,

$\#$  $=$ $\#$ 

N  $=$ N  Wright-Fisher

$\vdots$ $\qquad$ $\vdots$

k  $=$ k 

$\vdots$ $\qquad$ $\vdots$

1  $=$ 1  Moran process

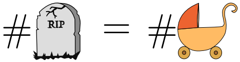
Life-cycle

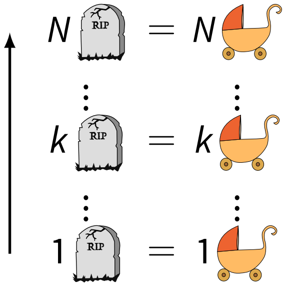
"Death-Birth" updating

Offspring production

Updating the population

Constant population size (N), so between two time steps,





Wright-Fisher

Moran process

Life-cycle

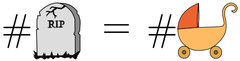
“Death-Birth” updating

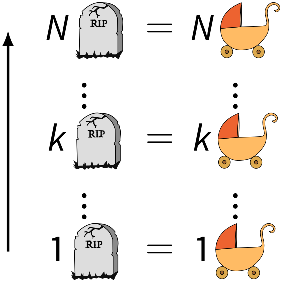
Offspring production

Offspring dispersal

Updating the population

Constant population size (N), so between two time steps,





Wright-Fisher

Moran process

Life-cycle

"Death-Birth" updating

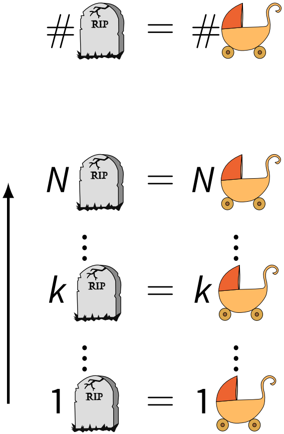
Offspring production

Offspring dispersal

k parents die

Updating the population

Constant population size (N), so between two time steps,



Wright-Fisher

Moran process

Life-cycle

"Death-Birth" updating

Offspring production

Offspring dispersal

k parents die

Establishment of k offspring