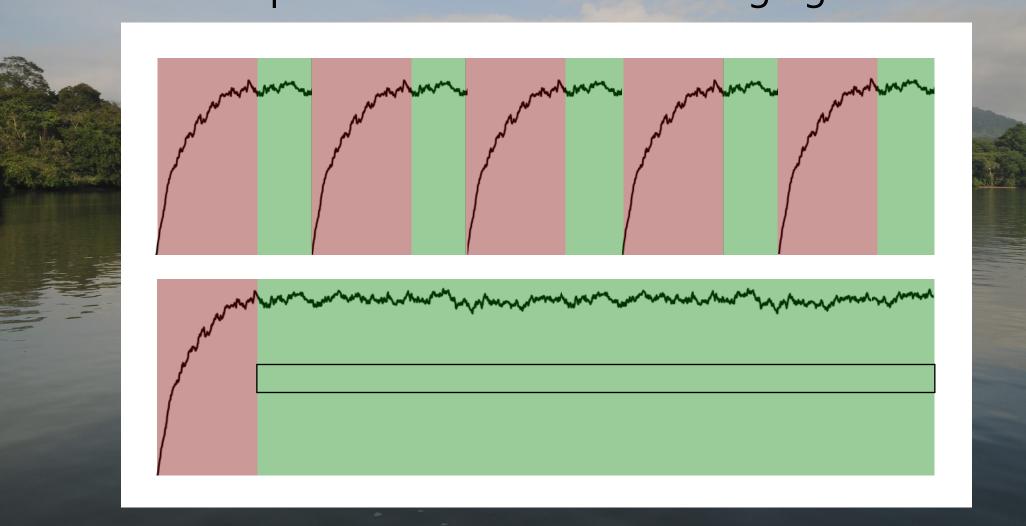
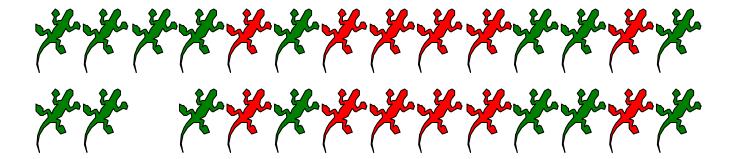


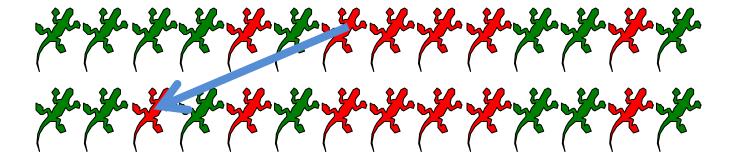
Dynamic equilibrium:

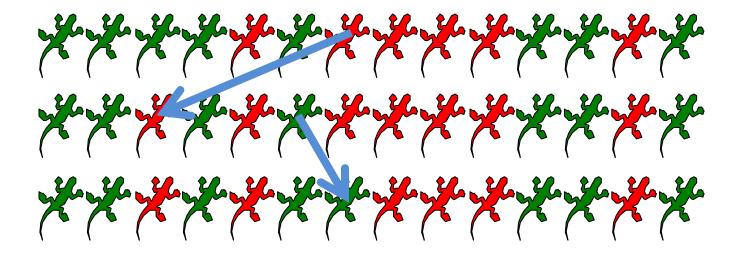
Balance between **speciation and extinction**Species themselves are changing

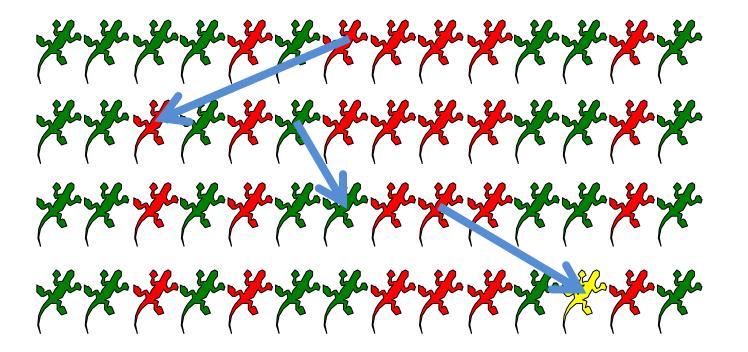


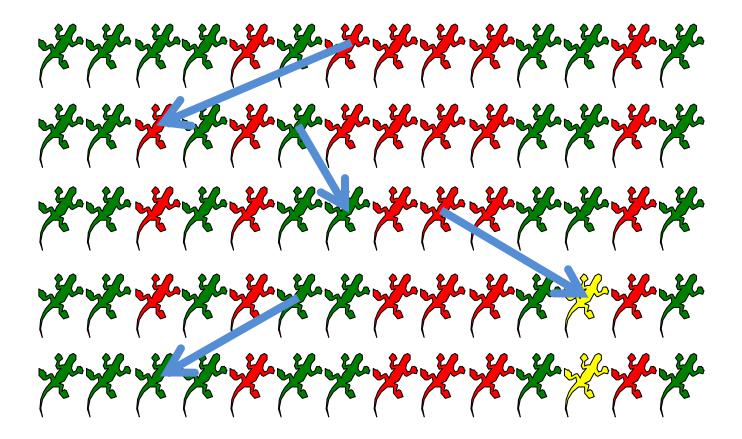








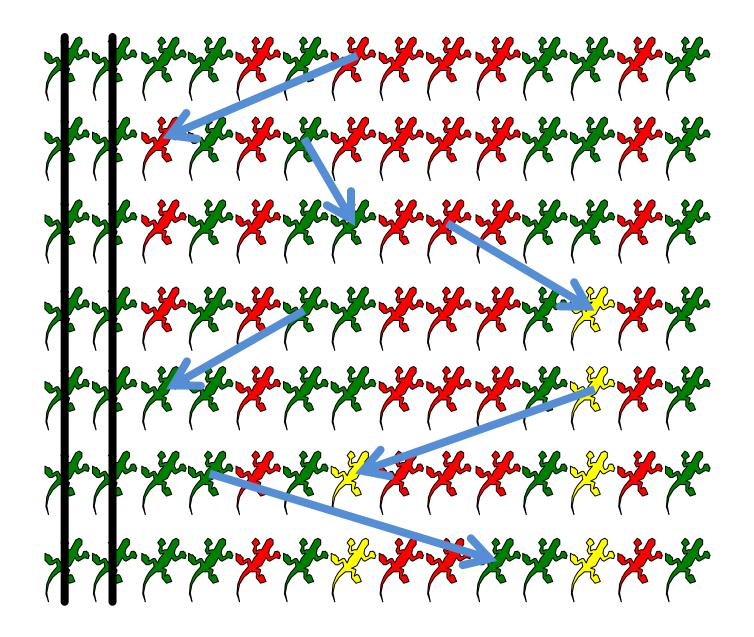


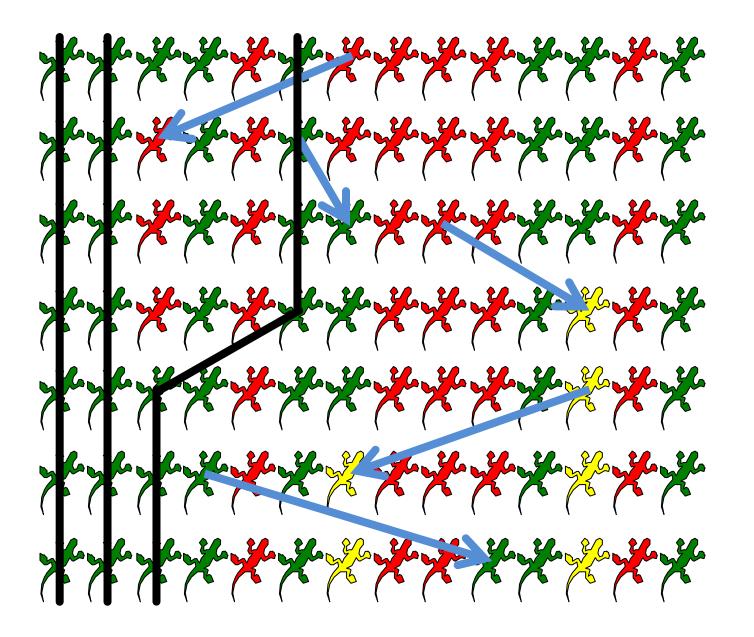


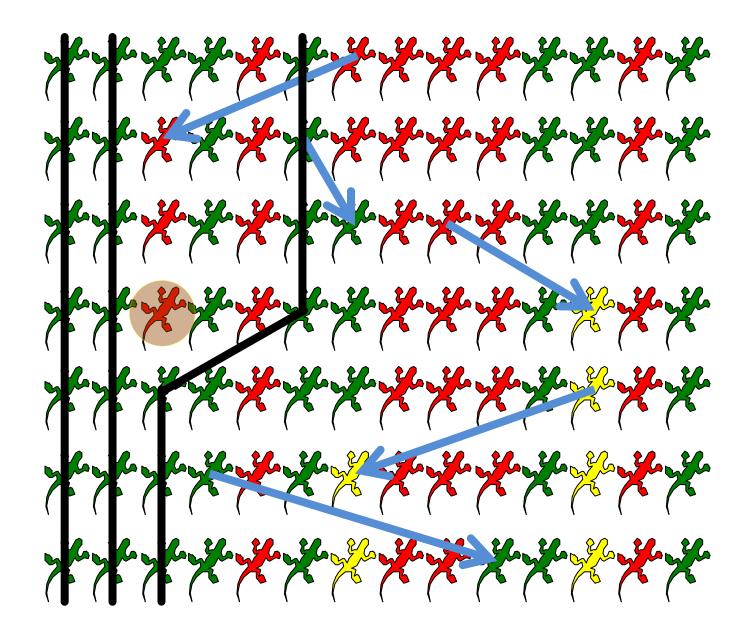
The the the test of the test o the the the test of the test o

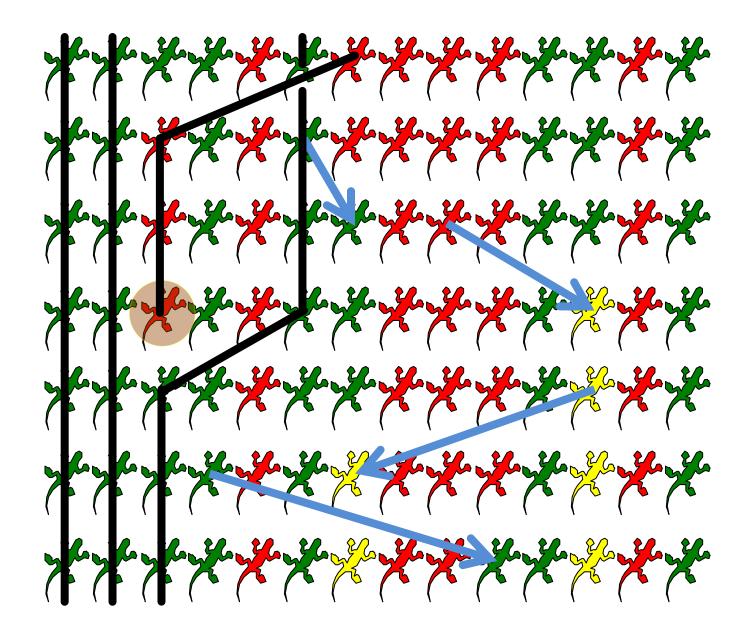
HARLEY HA ye after the after

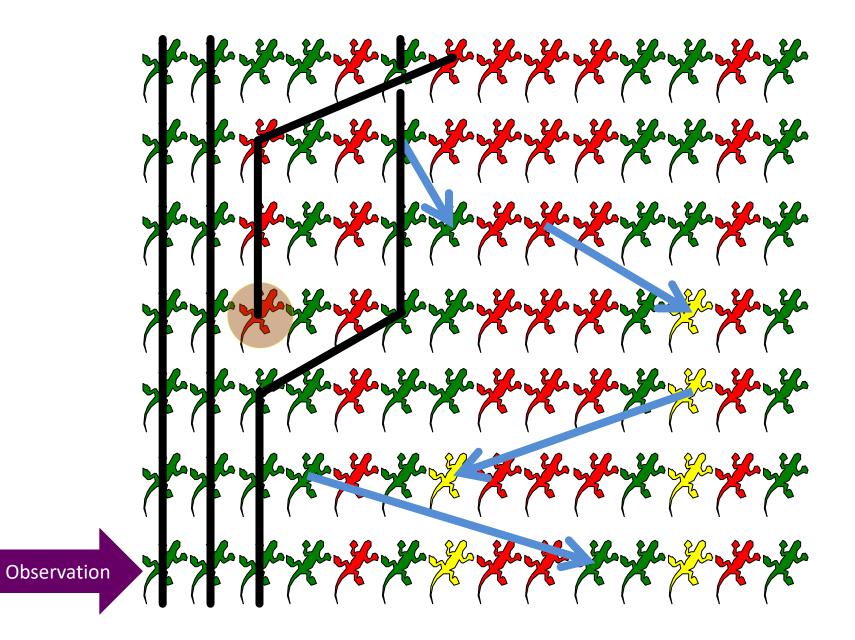
AND THE WAY AND TH the the the test of the test o The things of th The the the test of the test o

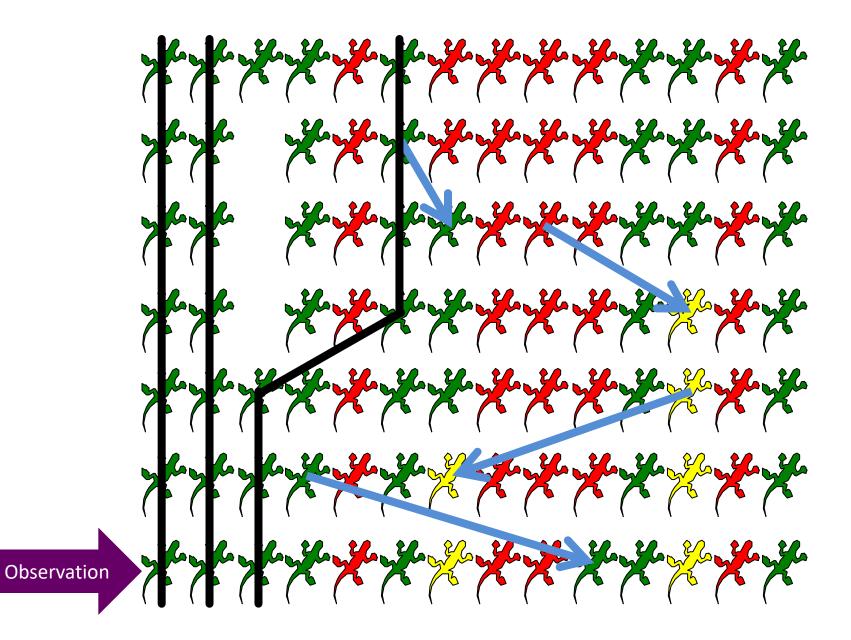


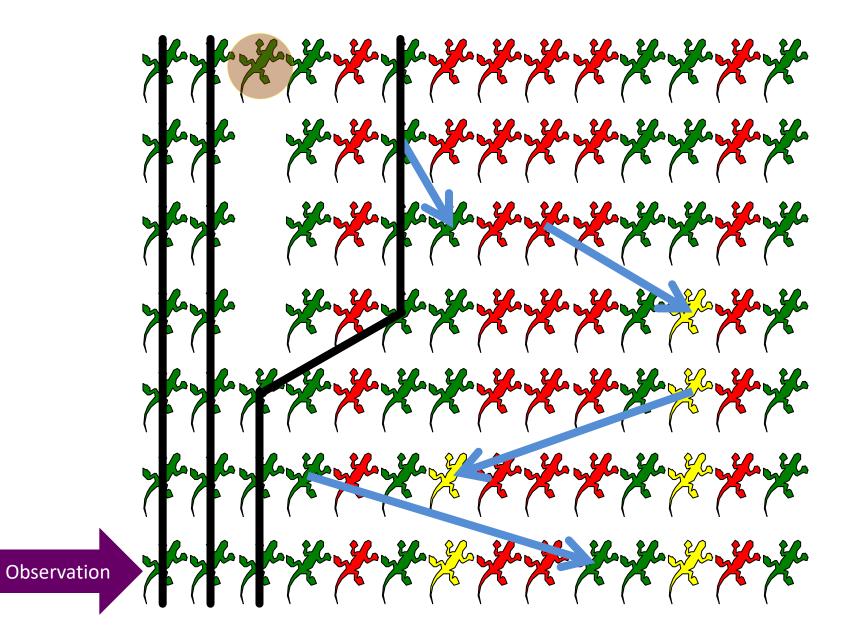


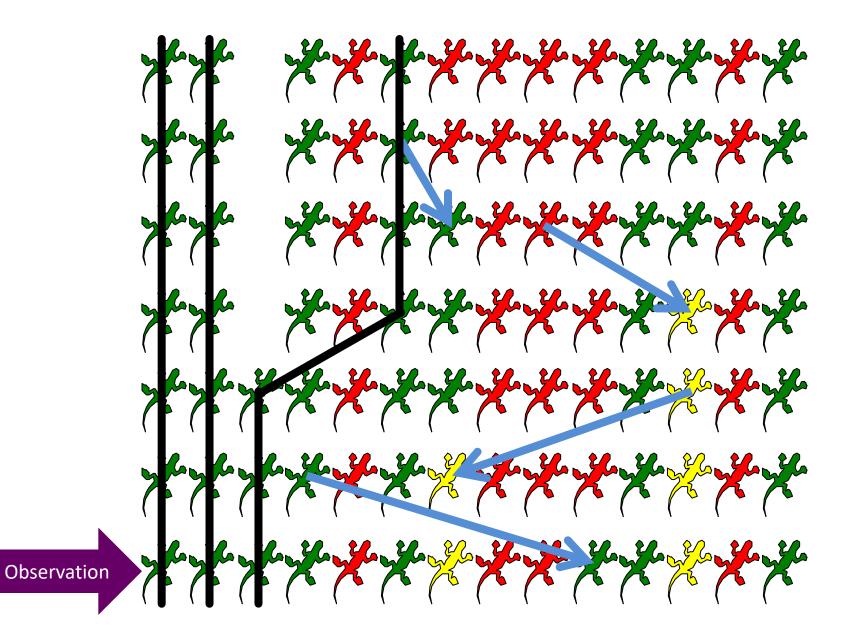


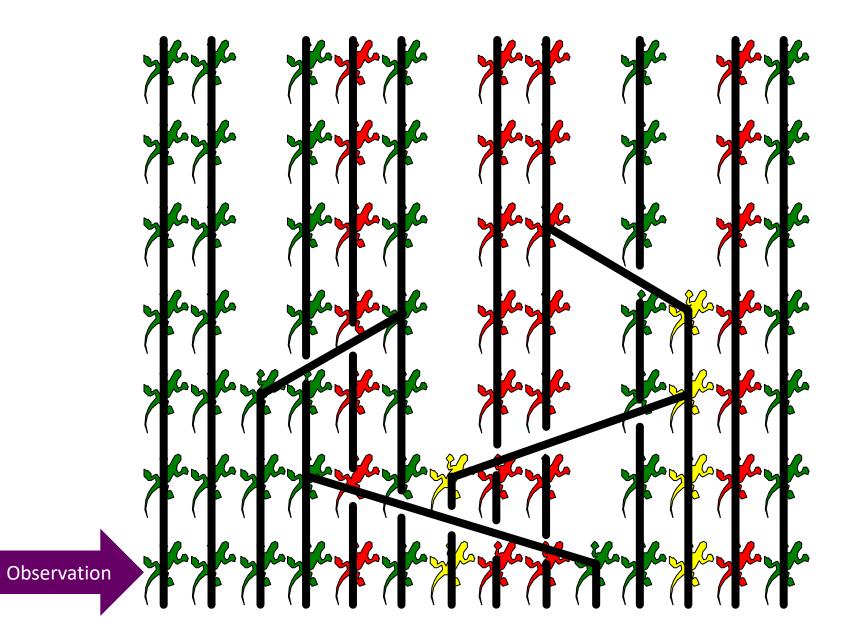


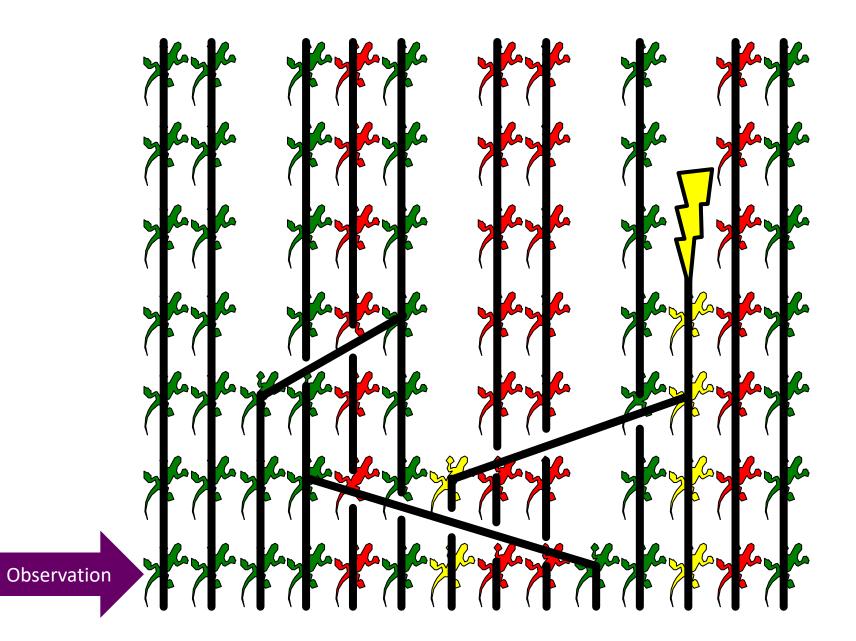




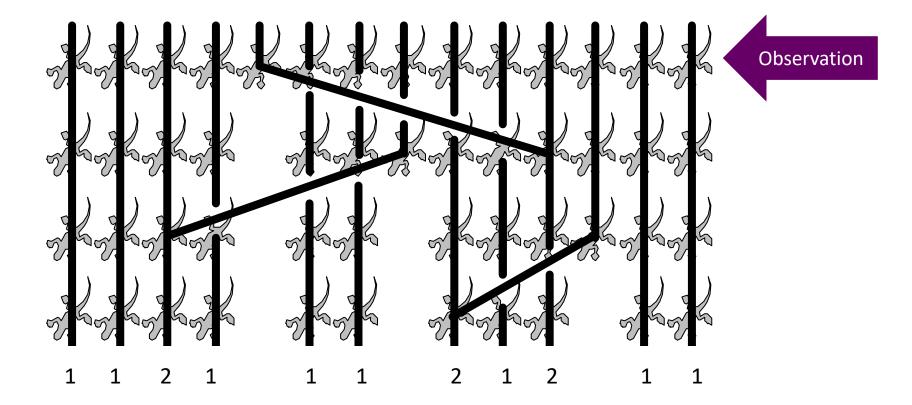




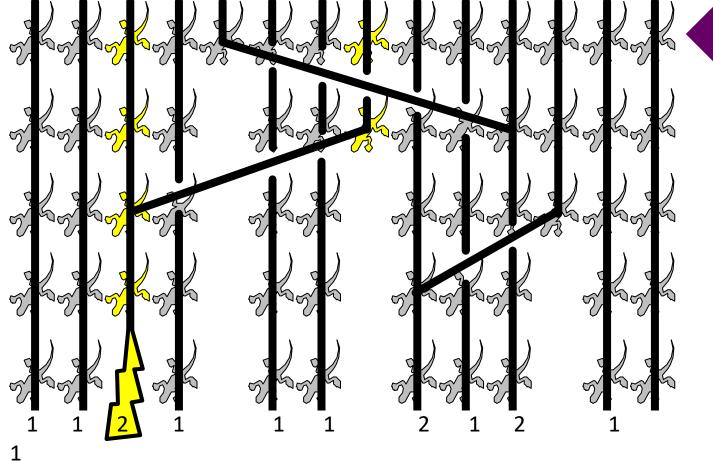


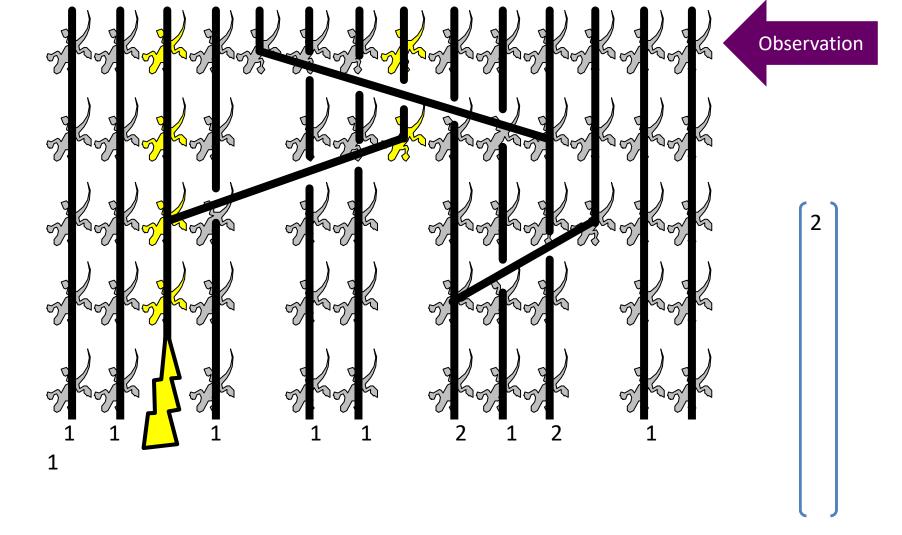


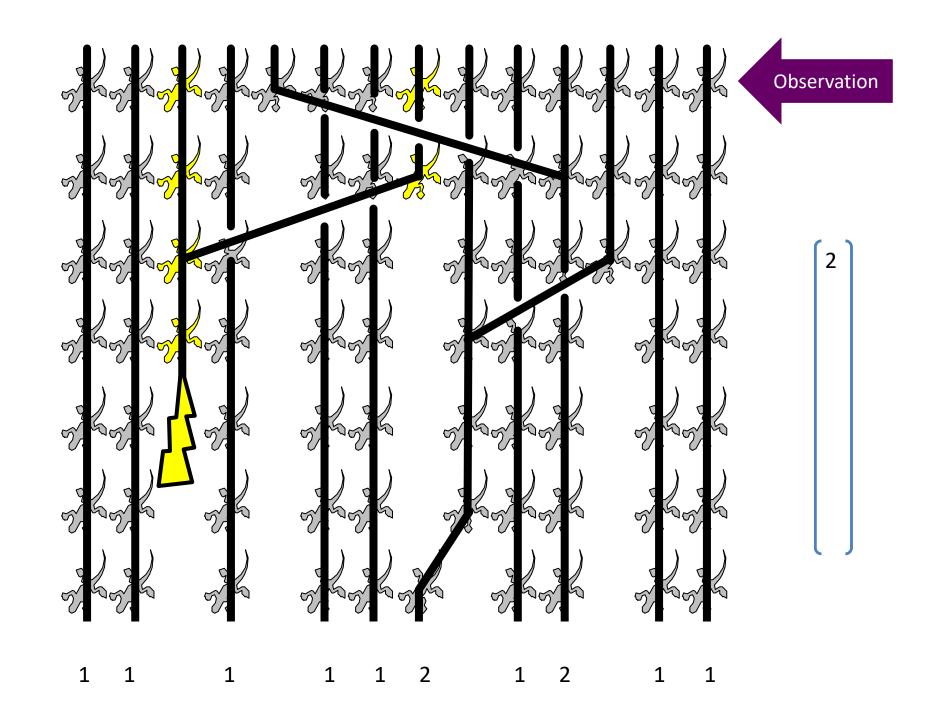




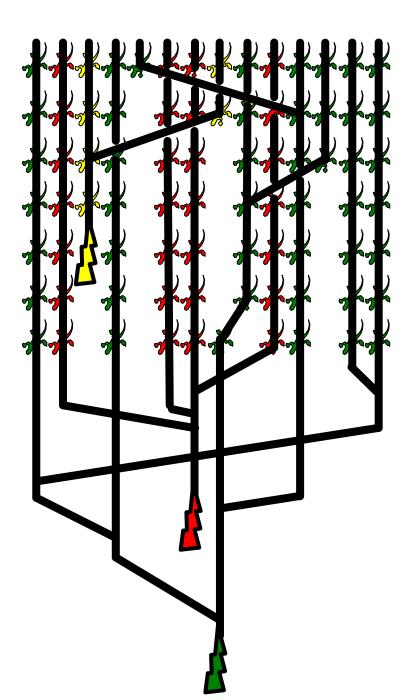






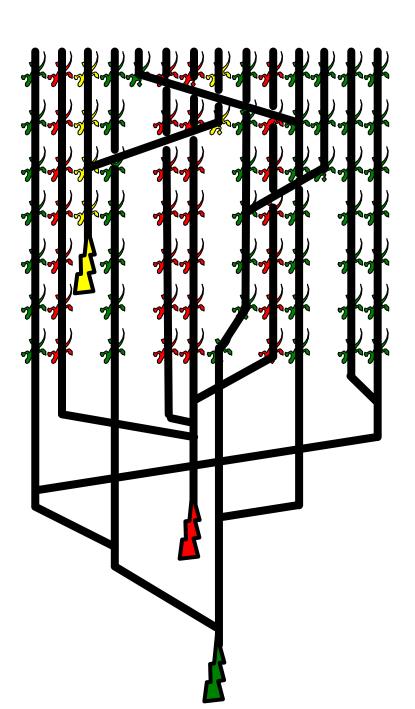


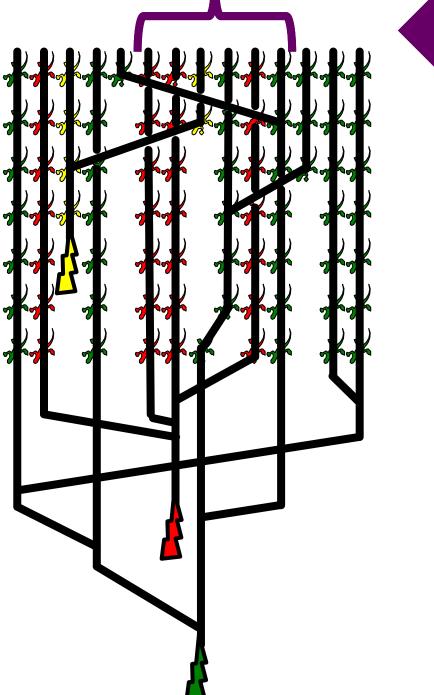






Total 14



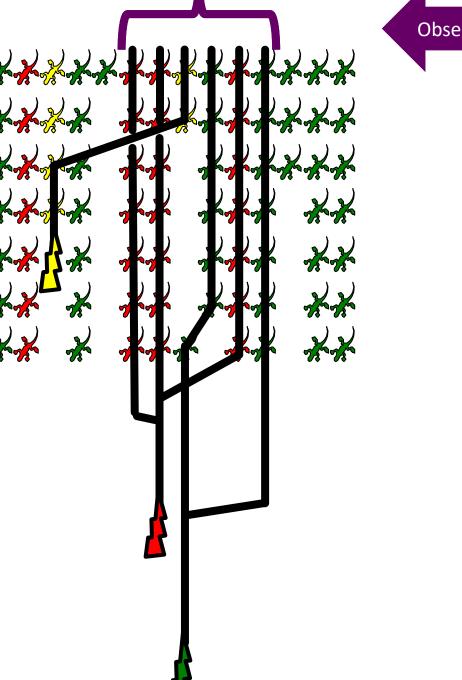


2

5

7

Total 14

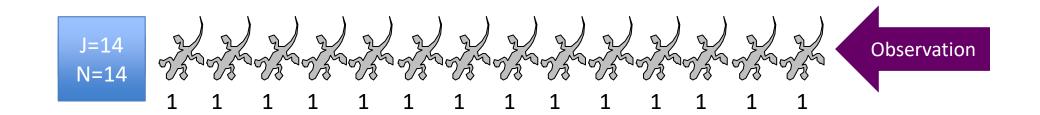


2

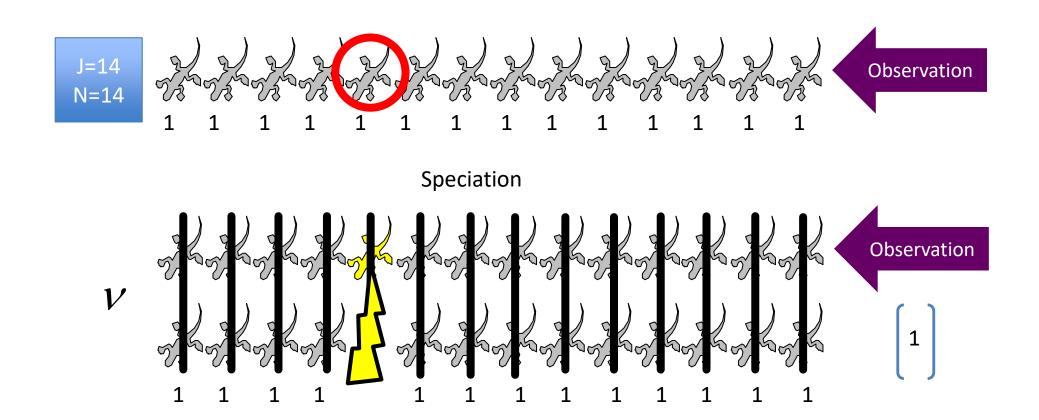
5

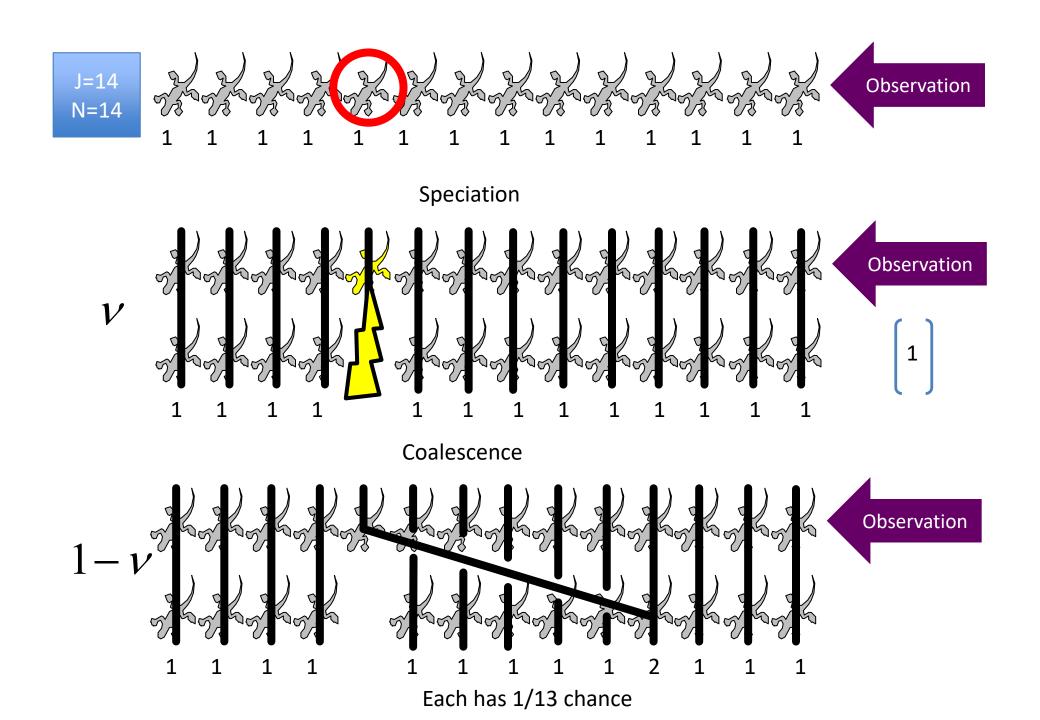
7

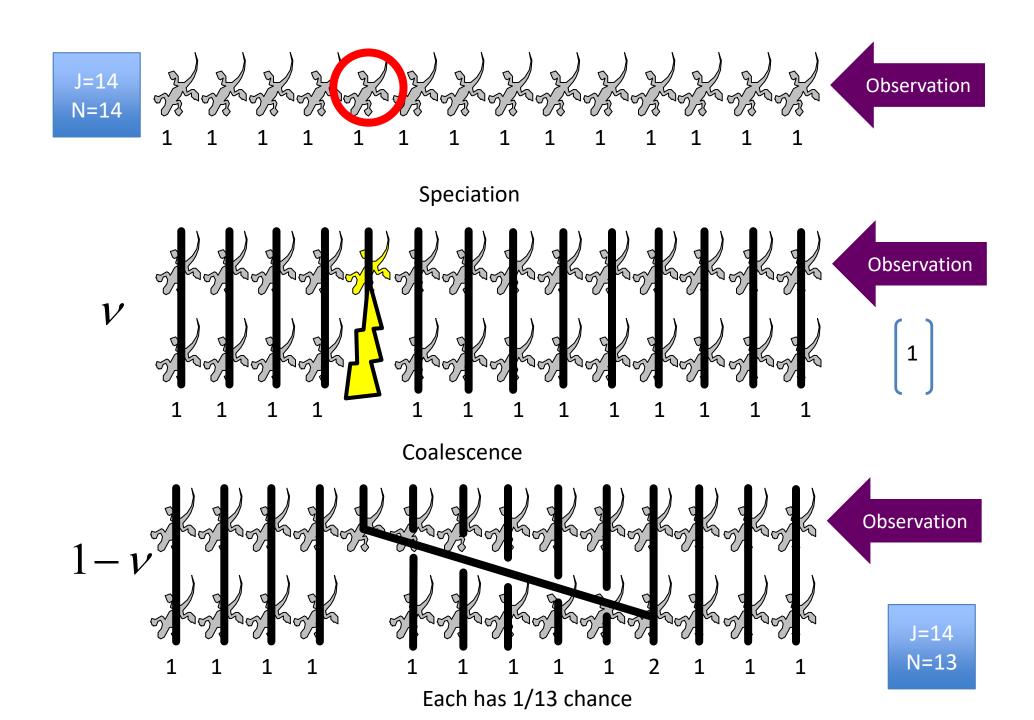
Total 14

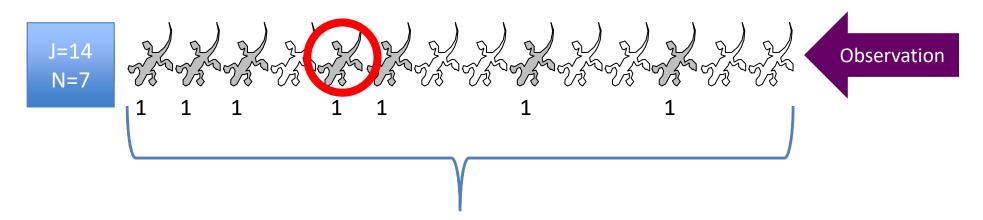


Each has 1/14 chance

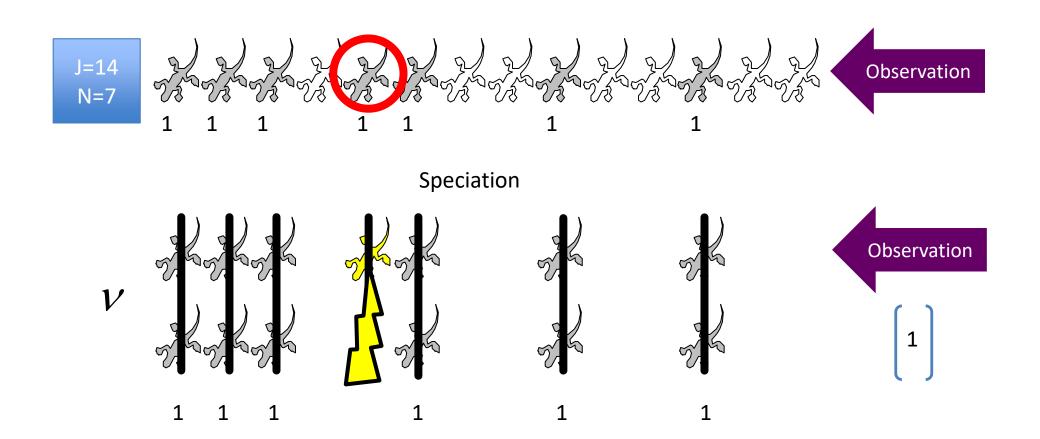


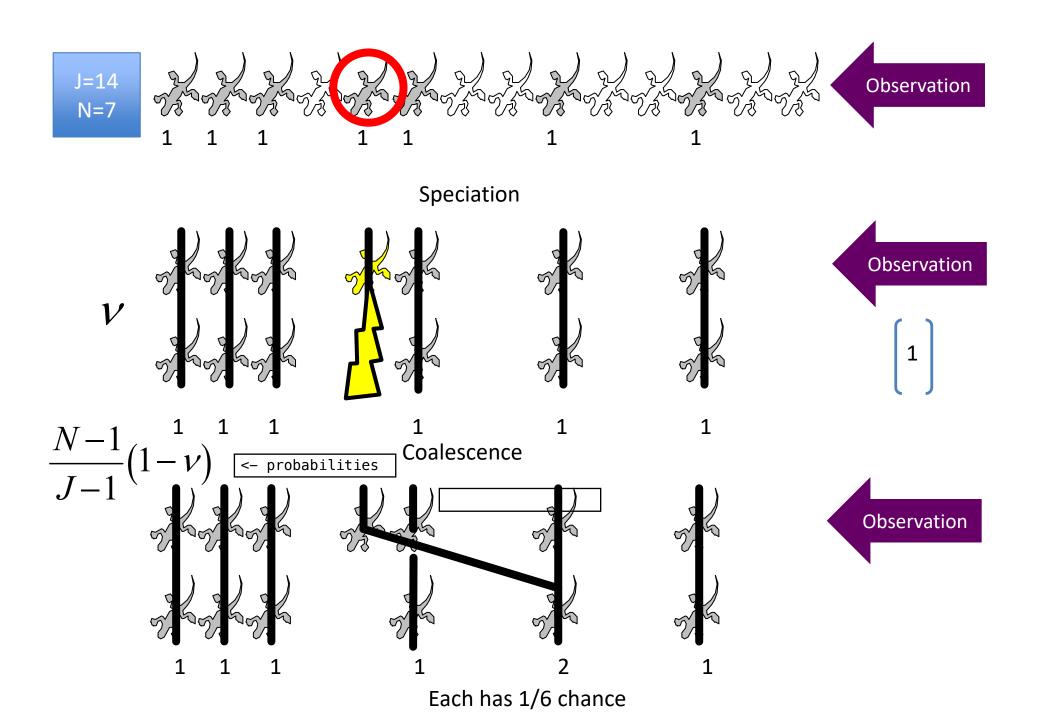






Each has 1/7 chance





Advantages of coalescence

- Always at equilibrium
- Much faster
- Sampling based

Disadvantages of coalescence

- Not ideal for time series
- Complex to program
- Fewer ways in which model can be changed