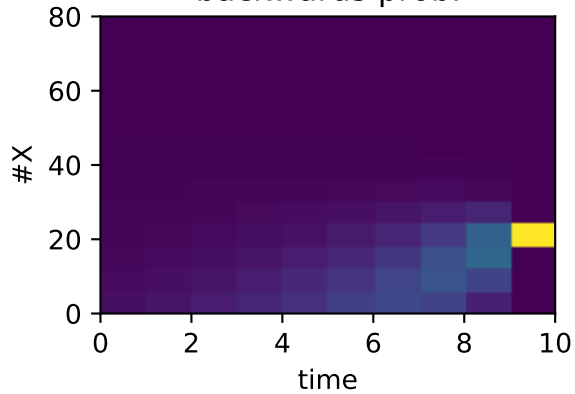
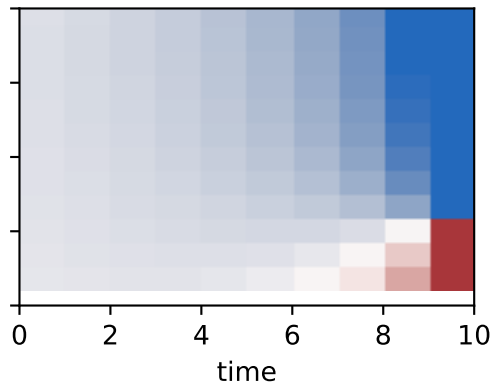


backwards prob.



birth bias [log]



death bias [log]

