1. 90% of migrants are payoff biased:

feet\_marker\_sim(

tmax=100,

d=0.5, #coordination benefit

g=2, #extra coordination benefit among mutualists

h=0, #mis-coordination cost for mutualists

a=0, #probability of assorting on marker

m0=0.03, #base proportion of each group that migrates

mu=0.9, #mean-payoff bias in migration decisions

s=rep(.1,10), #proportion of total population in each group

init\_p=c(rep(.9,4),rep(.1,6)), #intial proportion of behavior 0 in each group

init\_q=c(rep(.6,4),rep(.4,6)), #intial proportion of marker 0 in each group

draw=TRUE )

2. Turn off payoff biased migration:

feet\_marker\_sim(

tmax=100,

d=0.5, #coordination benefit

g=2, #extra coordination benefit among mutualists

h=0, #mis-coordination cost for mutualists

a=0, #probability of assorting on marker

m0=0.03, #proportion of each group that migrates

mu=0, #of all migrants, proportion that engage in payoff biased migration

s=rep(.1,10), #proportion of total population in each group

init\_p=c(rep(.9,4),rep(.1,6)), #intial proportion of behavior 0 in each group

init\_q=c(rep(.6,4),rep(.4,6)), #intial proportion of marker 0 in each group

draw=TRUE )

|  |  |
| --- | --- |
| 1. mu=9 | 2. mu=0 |
|  |  |