

CVPIA SIT Call-in Meeting August 21, 2019

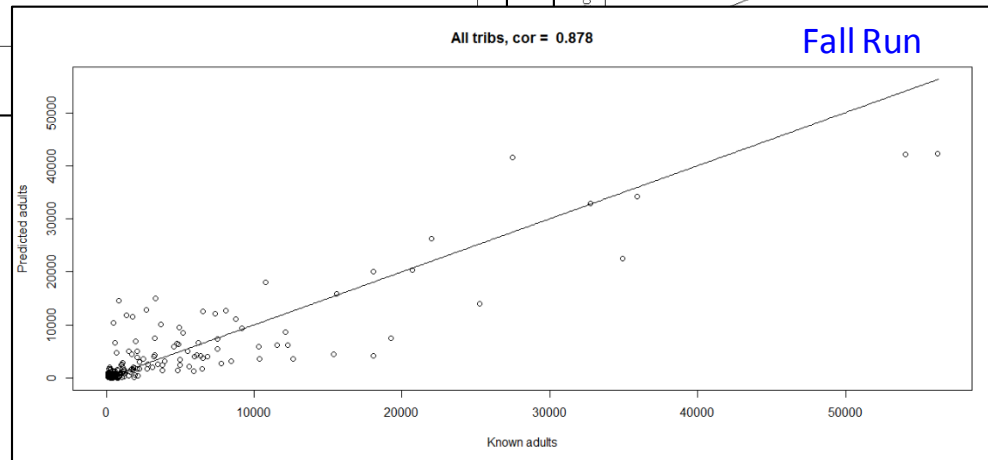
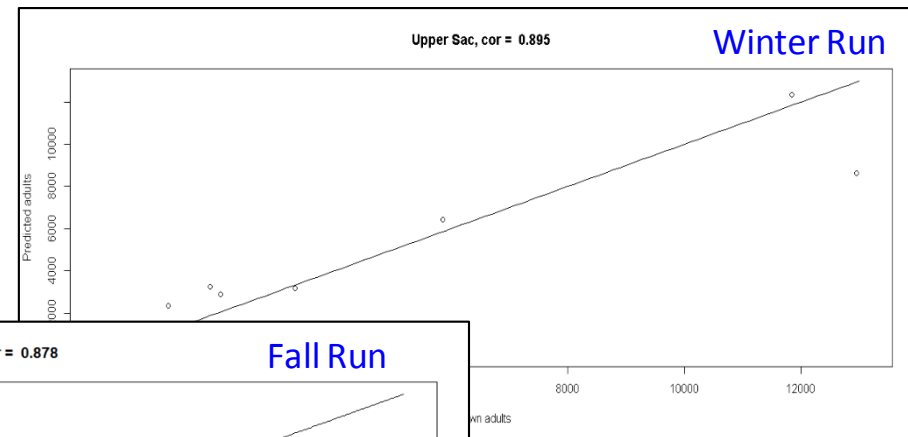
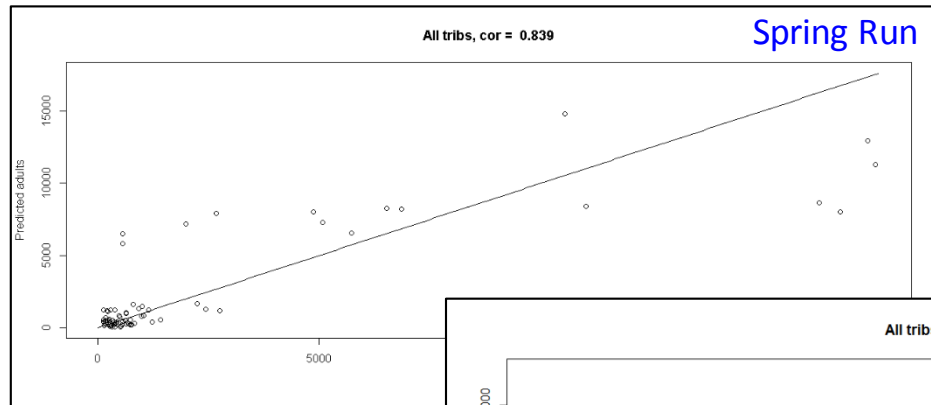


Agenda

- Status of the Chinook and O. mykiss DSMs (Jim and Adam)
- Status of watershed expert meetings (Mike U.)
- Status of the habitat decay proposal (Rod)
- A review and discussion of the CPAR list (All)
- Update on state-dependent Chinook strategies (Jim and Adam)
- New Business

Status of the Chinook and O. mykiss DSMs

1. Chinook DSMs calibrated and we are in the process of integrating them into a single DSM
2. O. mykiss DSM is being calibrated



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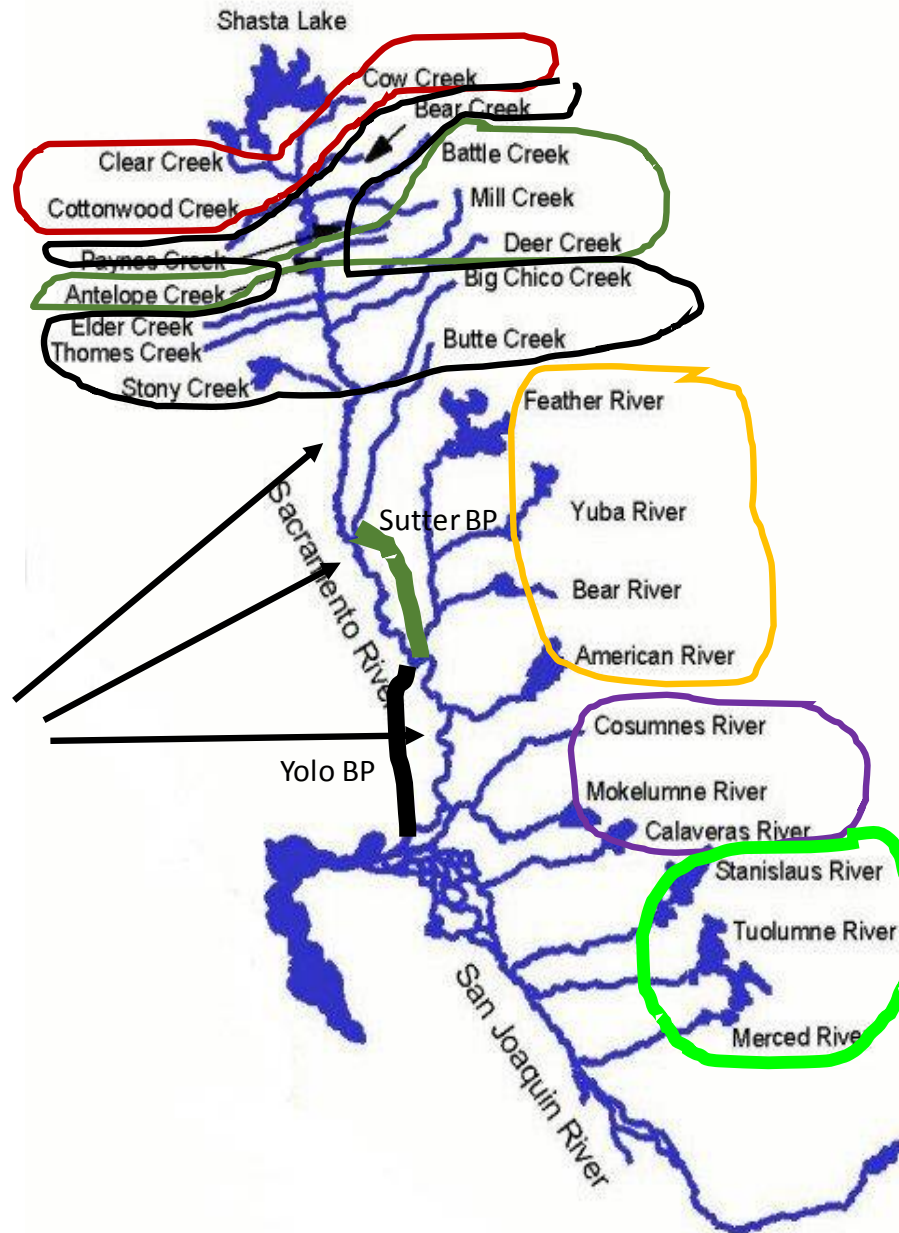
INITIAL POLICY GROUPINGS

Group 1

Juv hab dec

Group 3

Juv hab stable



Group 2

Juv hab incr

Group 4

Juv hab incr.

Group 5

Juv hab stable

Group 6

Juv hab stable

Use policy to identify optimal action each trib. and section during simulation

State dependent policy development

Tributary dynamics (group specific)

Outmigrant survival (group specific)

Ocean entry survival

Restoration actions:

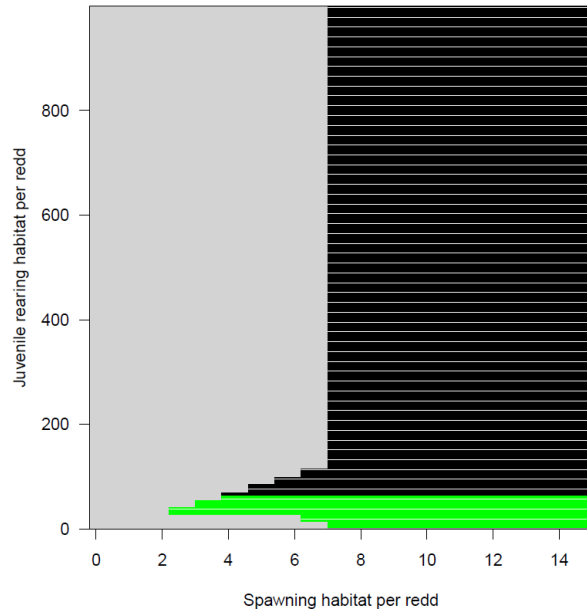
- Do nothing
- Increase spawning habitat 1 ac (1 unit effort)
- Increase juv. rearing habitat 2 ac (1 unit effort)
- Increase floodplain habitat 2 ac
- Increase survival 0.5% (~1 unit of screening effort)

Ocean entry survival

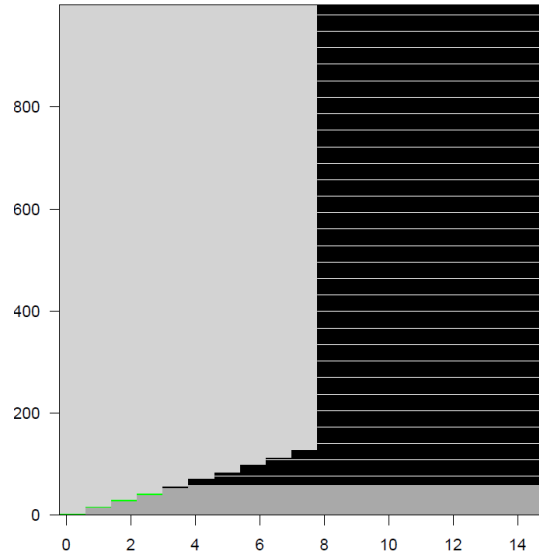
Deterministic (why?--- waiting on habitat decay!!!!)

Group 1

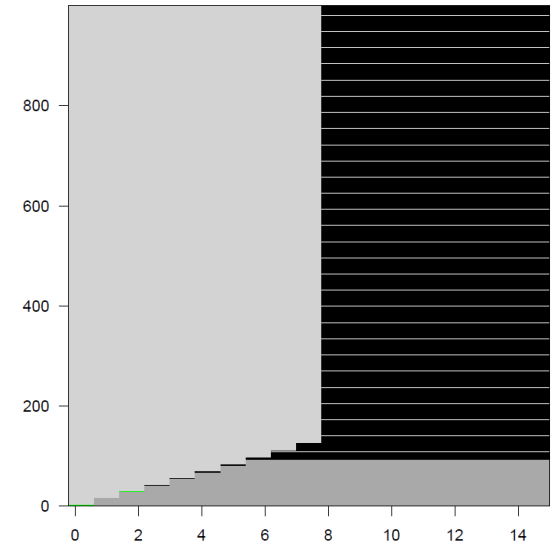
Juve surv: 0.1



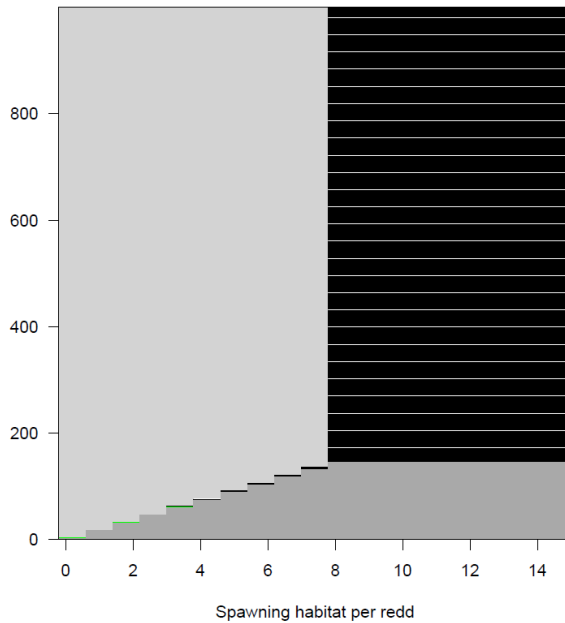
Juve surv: 0.2



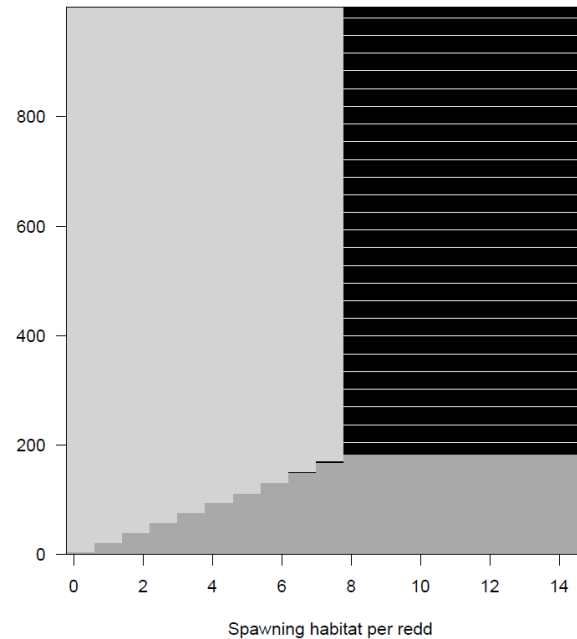
Juve surv: 0.3



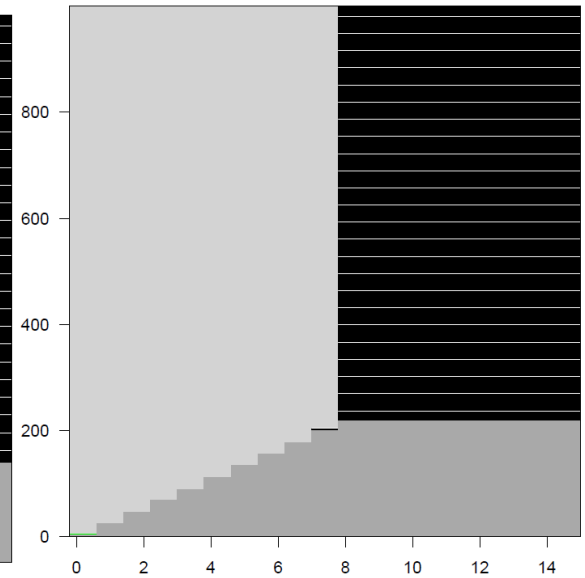
Juve surv: 0.4



Juve surv: 0.5

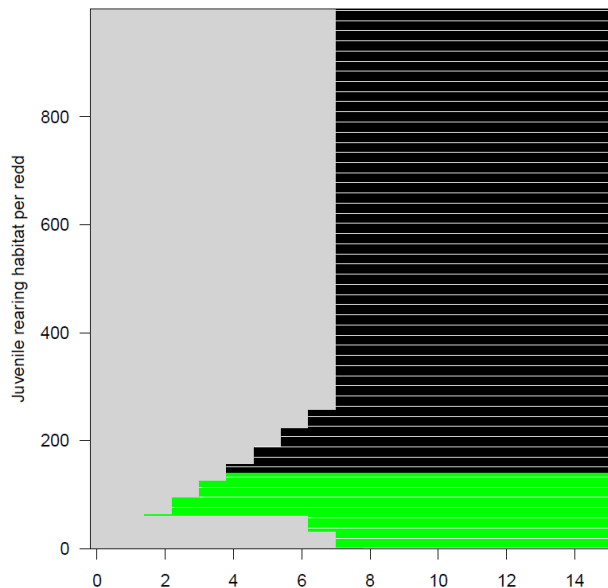


Juve surv: 0.6

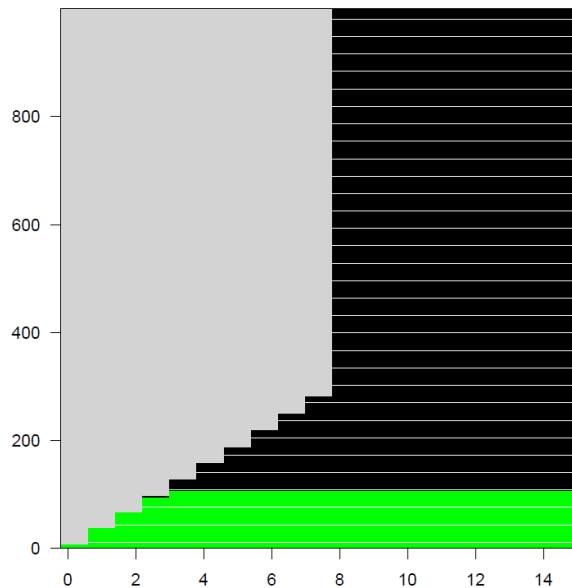


Group 2

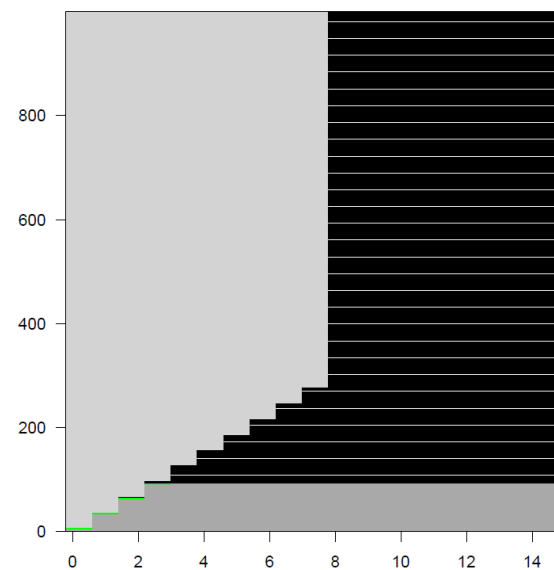
Juve surv: 0.1



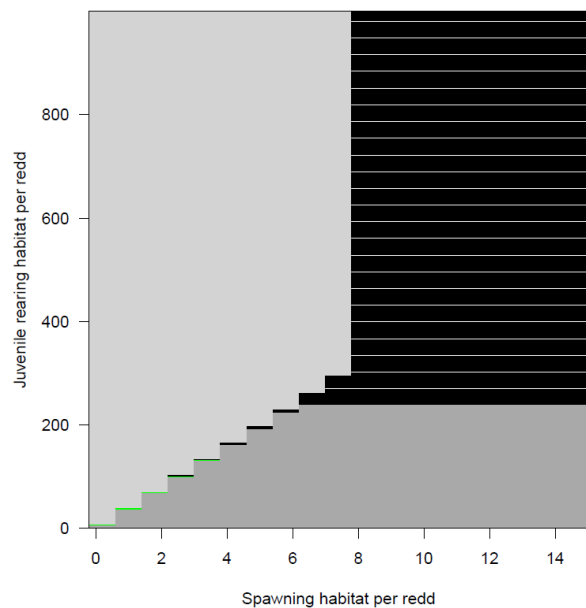
Juve surv: 0.2



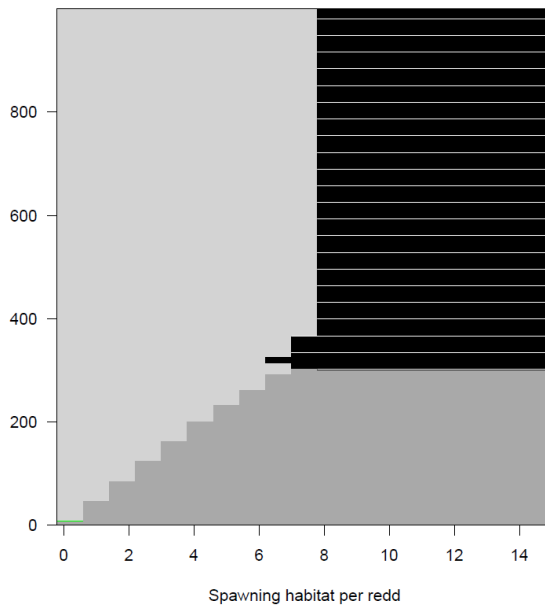
Juve surv: 0.3



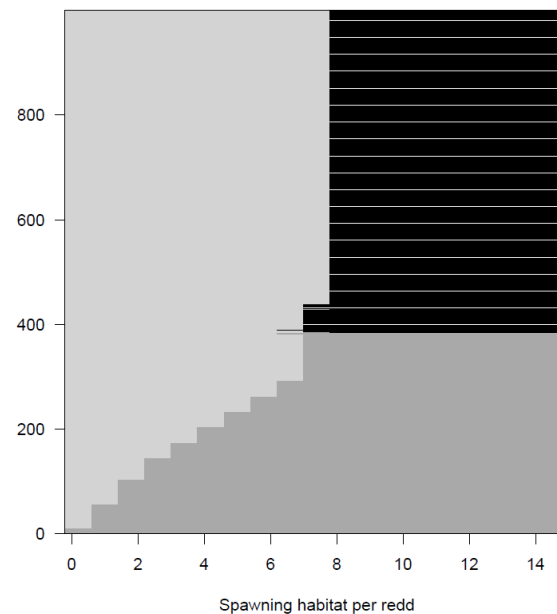
Juve surv: 0.4



Juve surv: 0.5

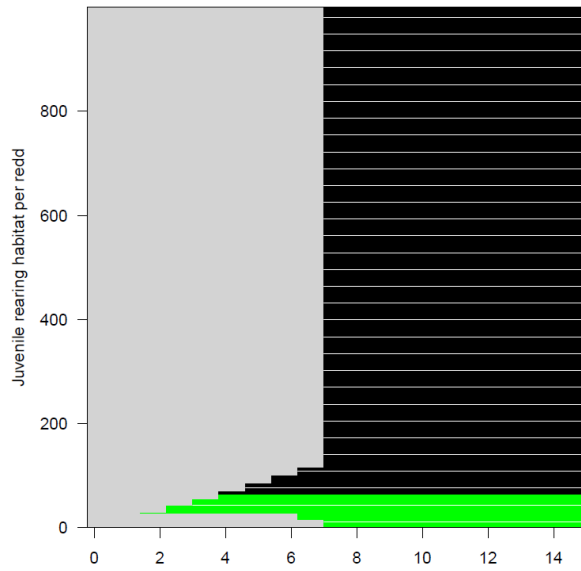


Juve surv: 0.6

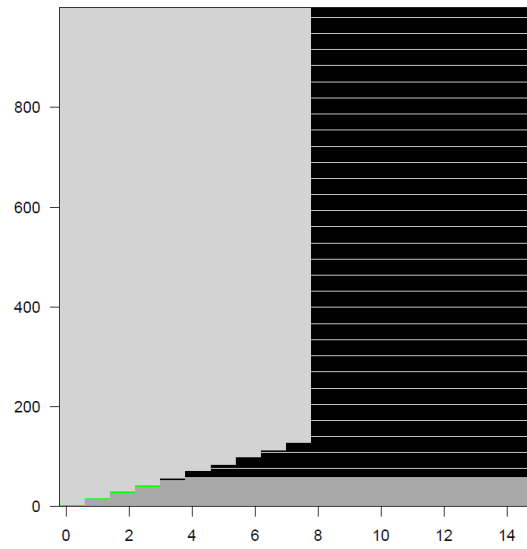


Group 3

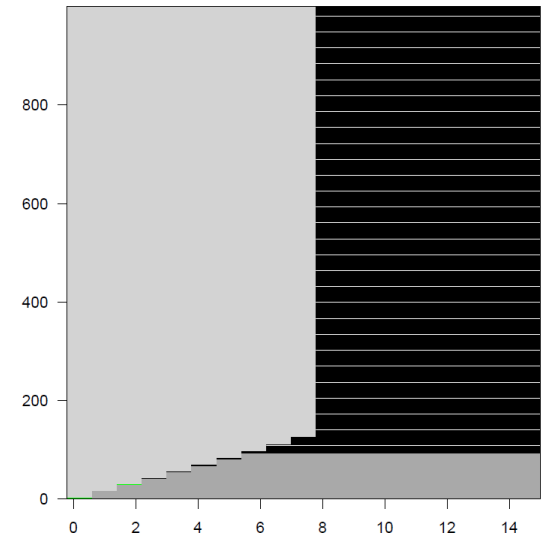
Juve surv: 0.1



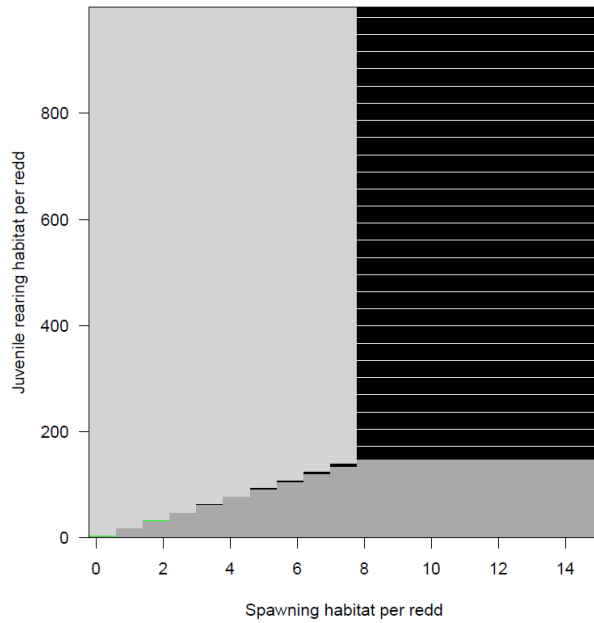
Juve surv: 0.2



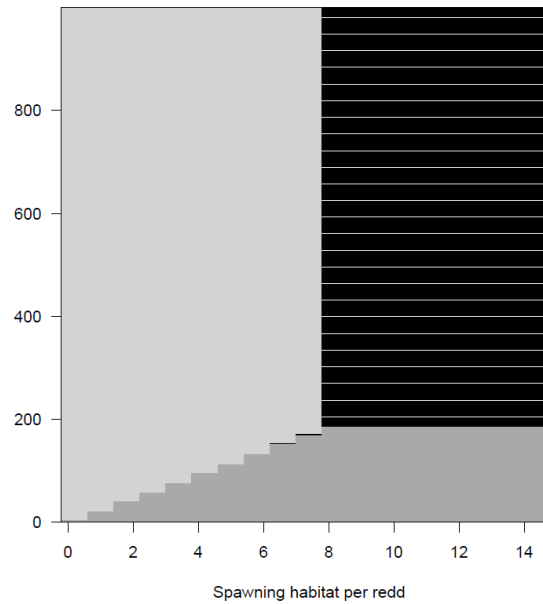
Juve surv: 0.3



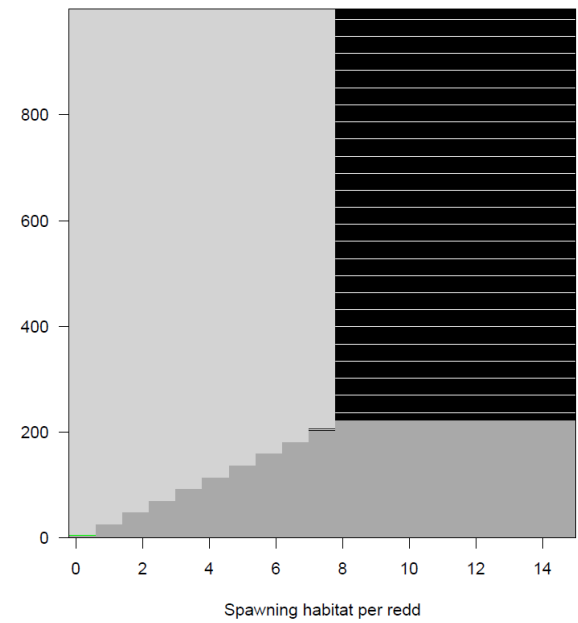
Juve surv: 0.4



Juve surv: 0.5

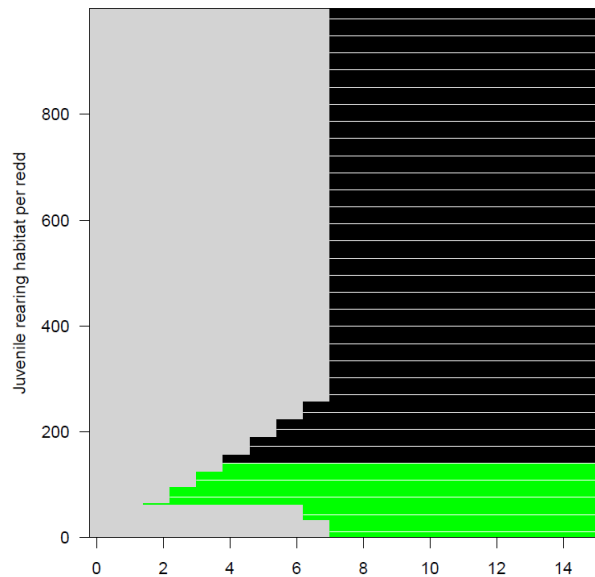


Juve surv: 0.6

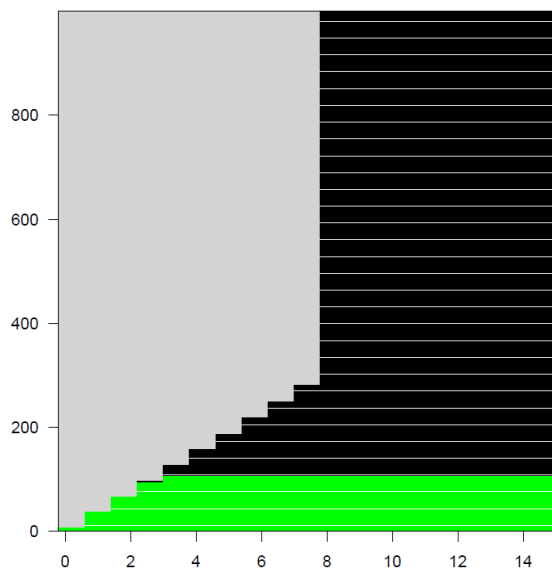


Group 4

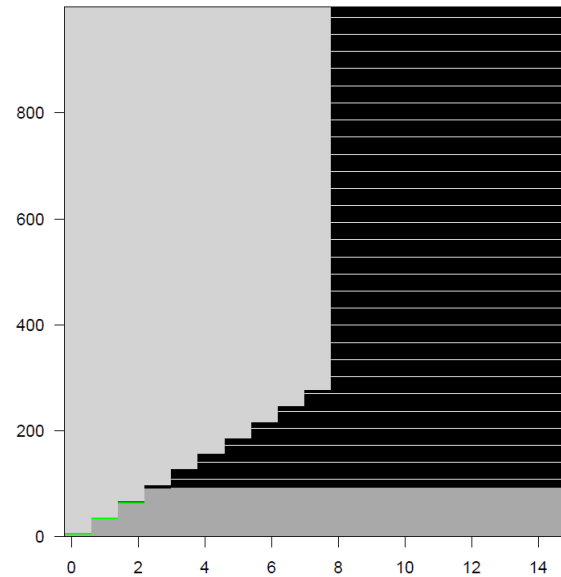
Juve surv: 0.1



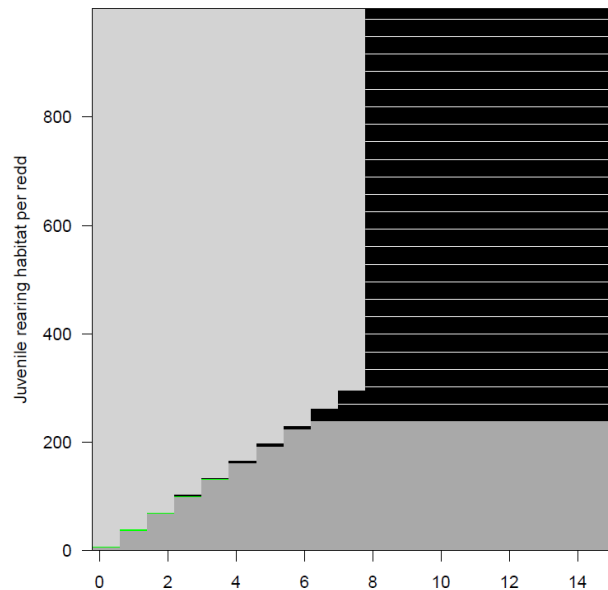
Juve surv: 0.2



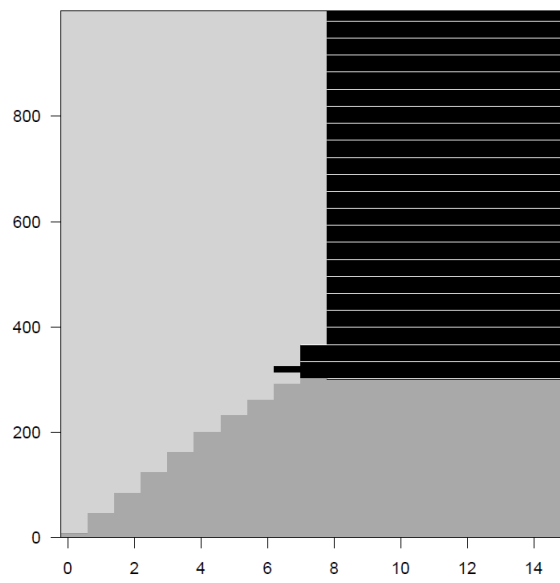
Juve surv: 0.3



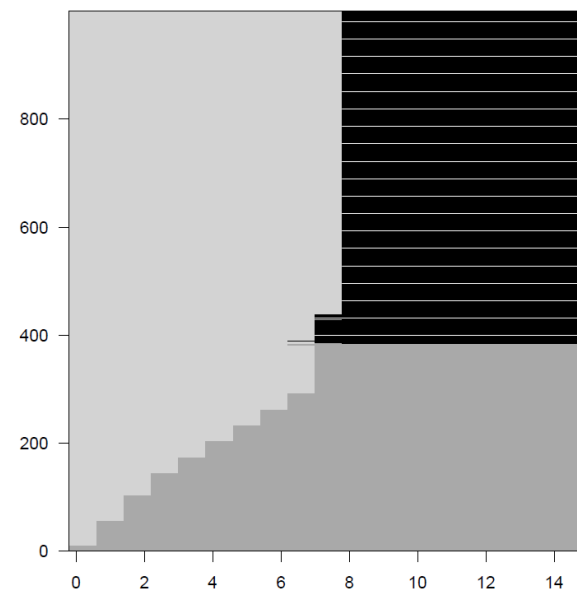
Juve surv: 0.4



Juve surv: 0.5



Juve surv: 0.6



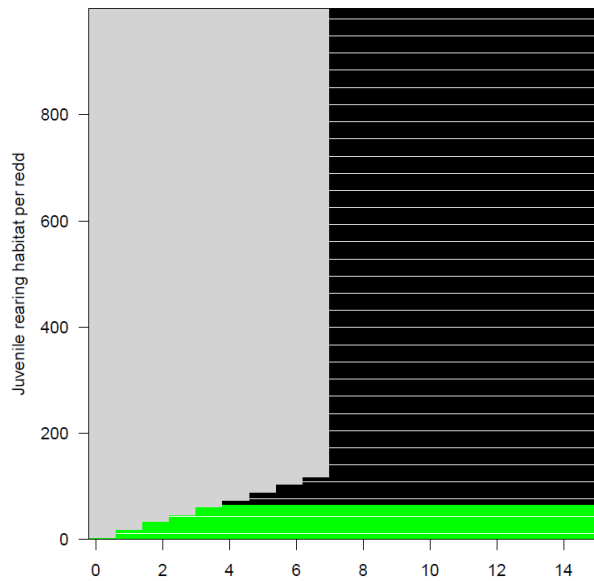
Spawning habitat per redd

Spawning habitat per redd

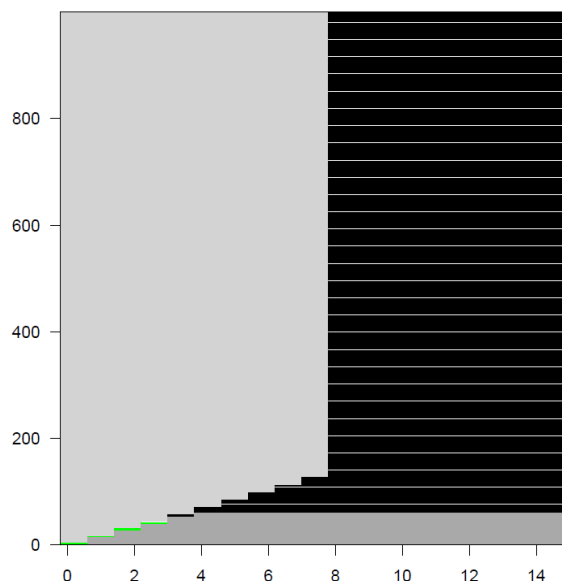
Spawning habitat per redd

Group 5

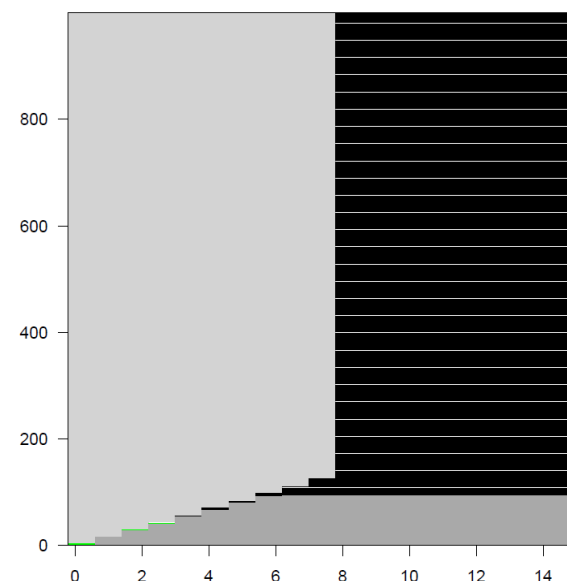
Juve surv: 0.1



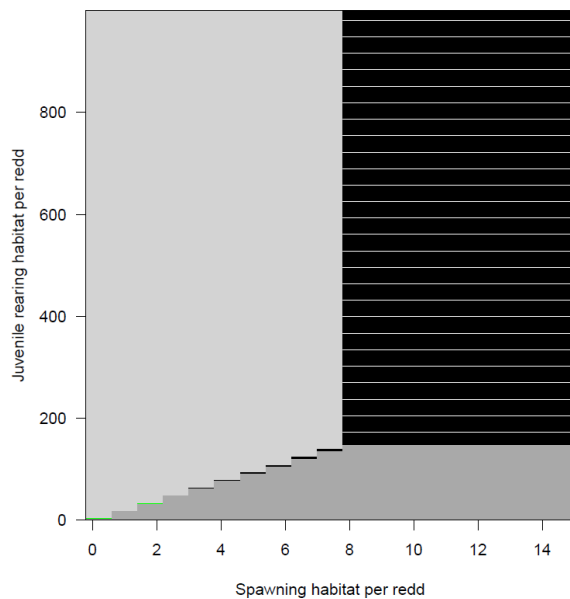
Juve surv: 0.2



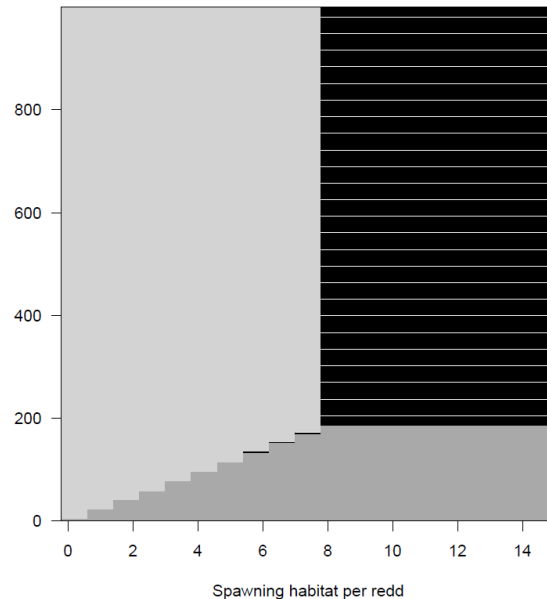
Juve surv: 0.3



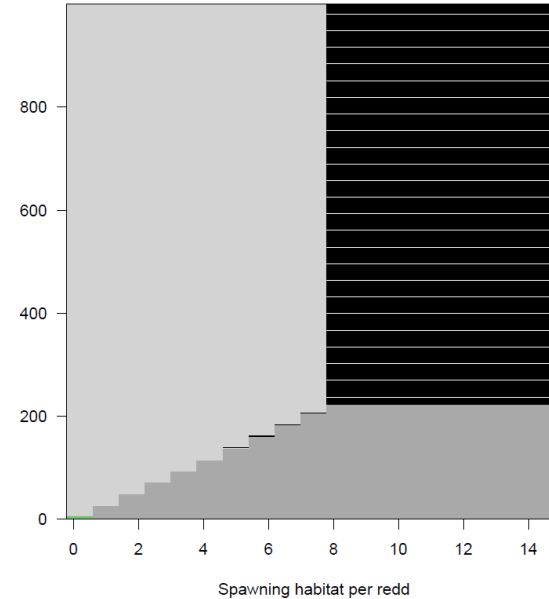
Juve surv: 0.4



Juve surv: 0.5

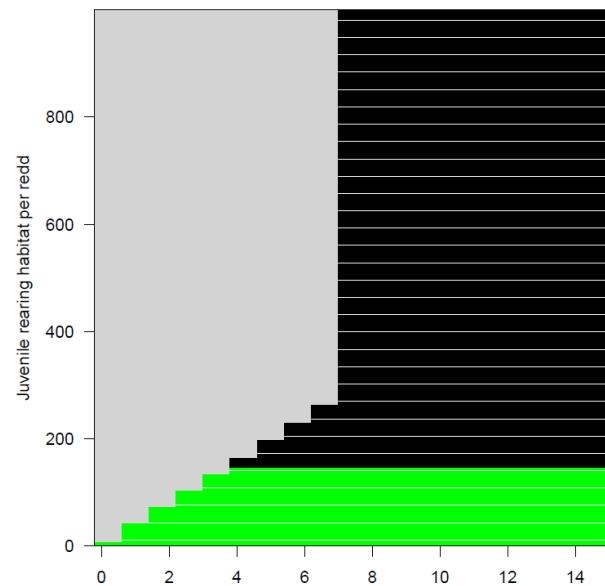


Juve surv: 0.6

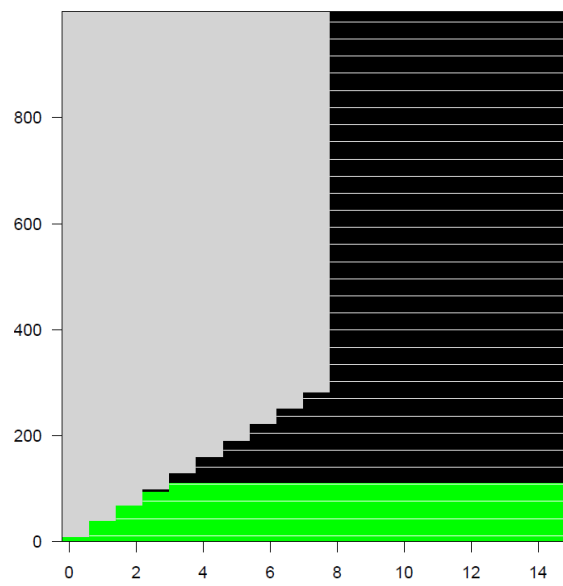


Group 6

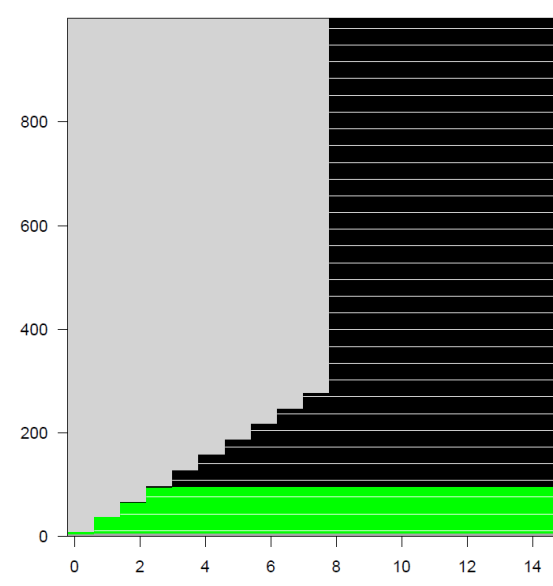
Juve surv: 0.1



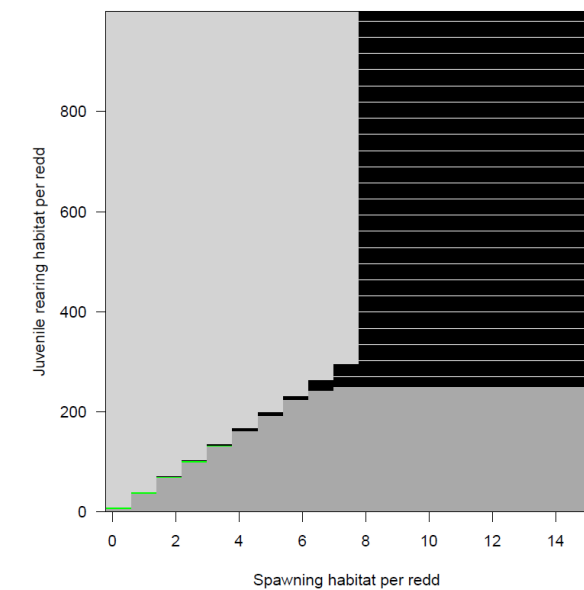
Juve surv: 0.2



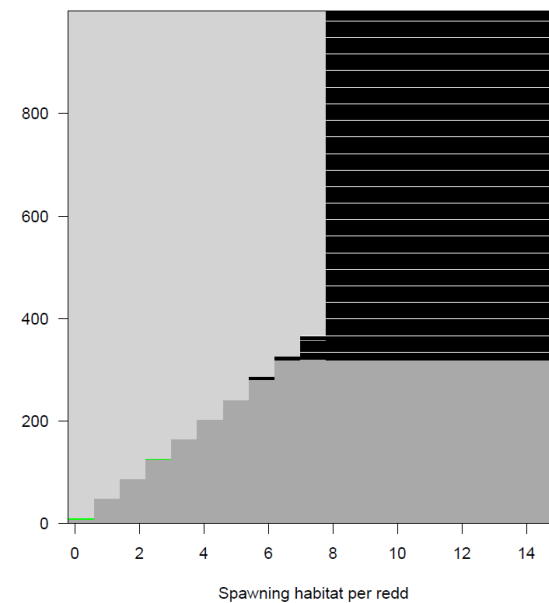
Juve surv: 0.3



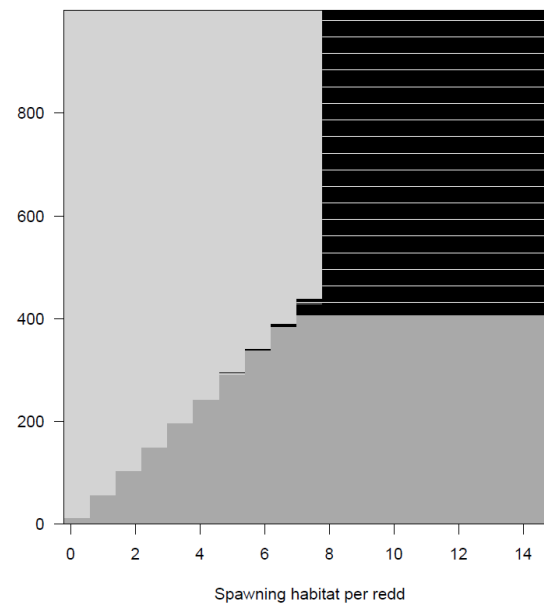
Juve surv: 0.4



Juve surv: 0.5

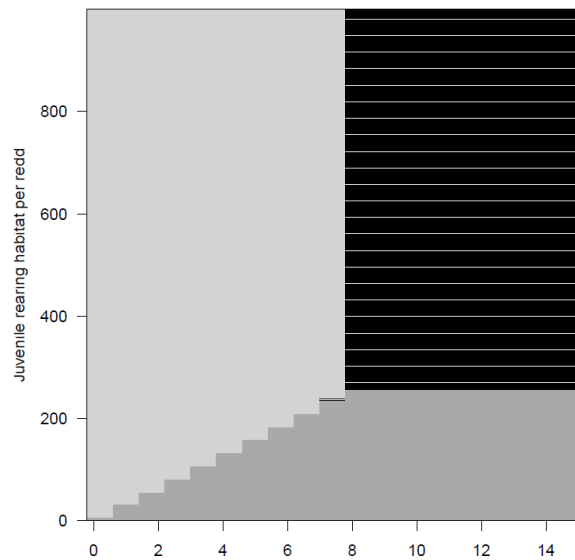


Juve surv: 0.6



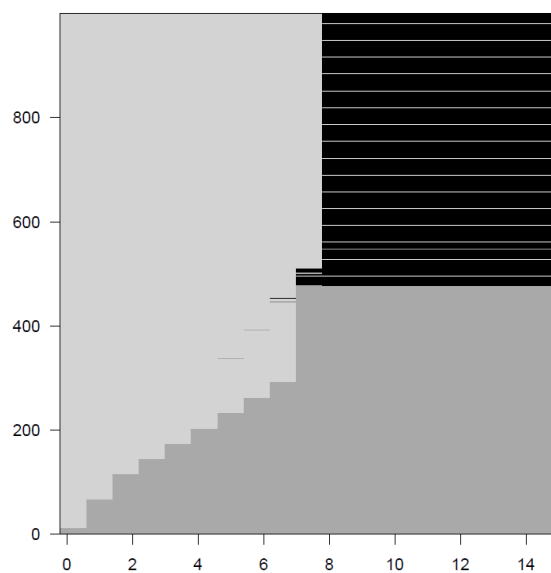
Group 1

Juve surv: 0.7



Group 2

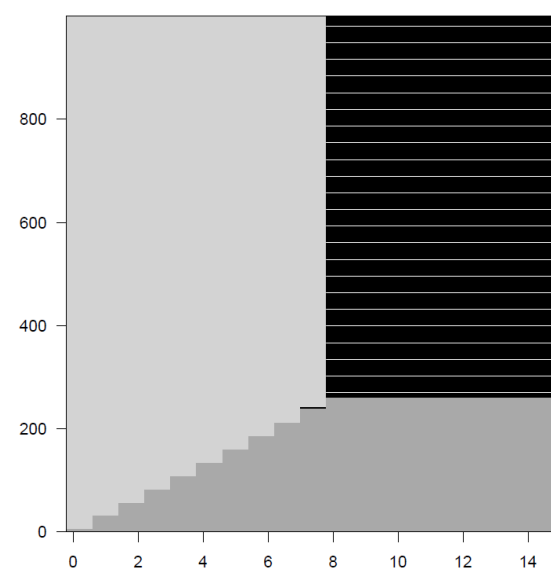
Juve surv: 0.7



All Groups

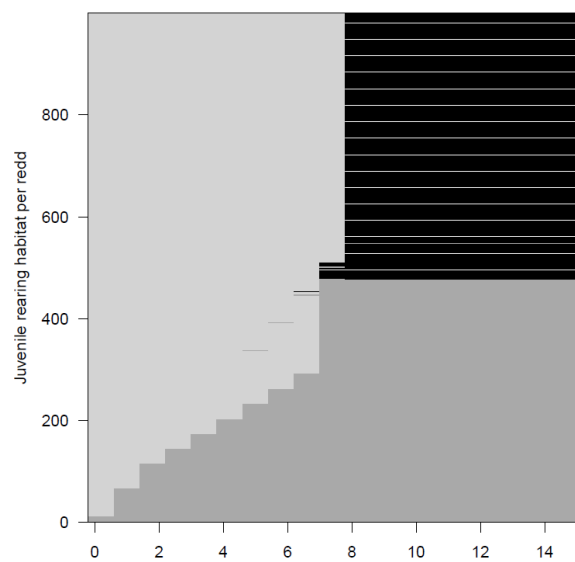
Group 3

Juve surv: 0.7



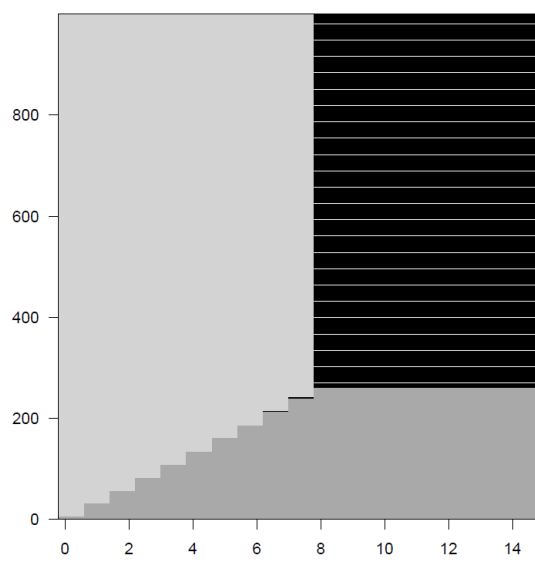
Group 4

Juve surv: 0.7



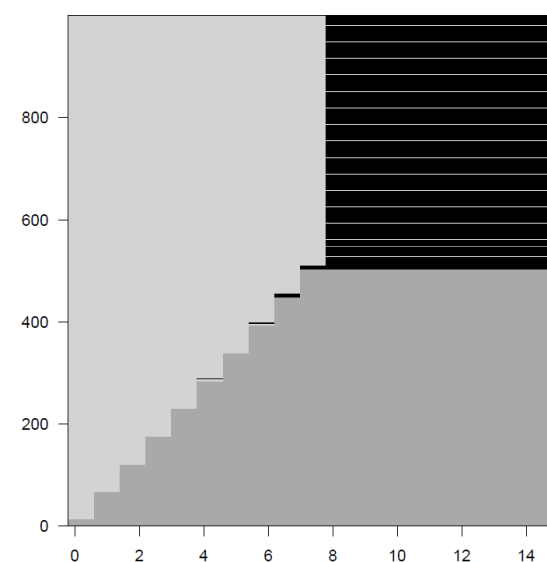
Group 5

Juve surv: 0.7



Group 6

Juve surv: 0.7



State dependent policy development

Next steps-

Develop mainstem policies

Complete Spring and Winter run policies

Incorporate stochasticity

Incorporate habitat decay (best guess if necessary)

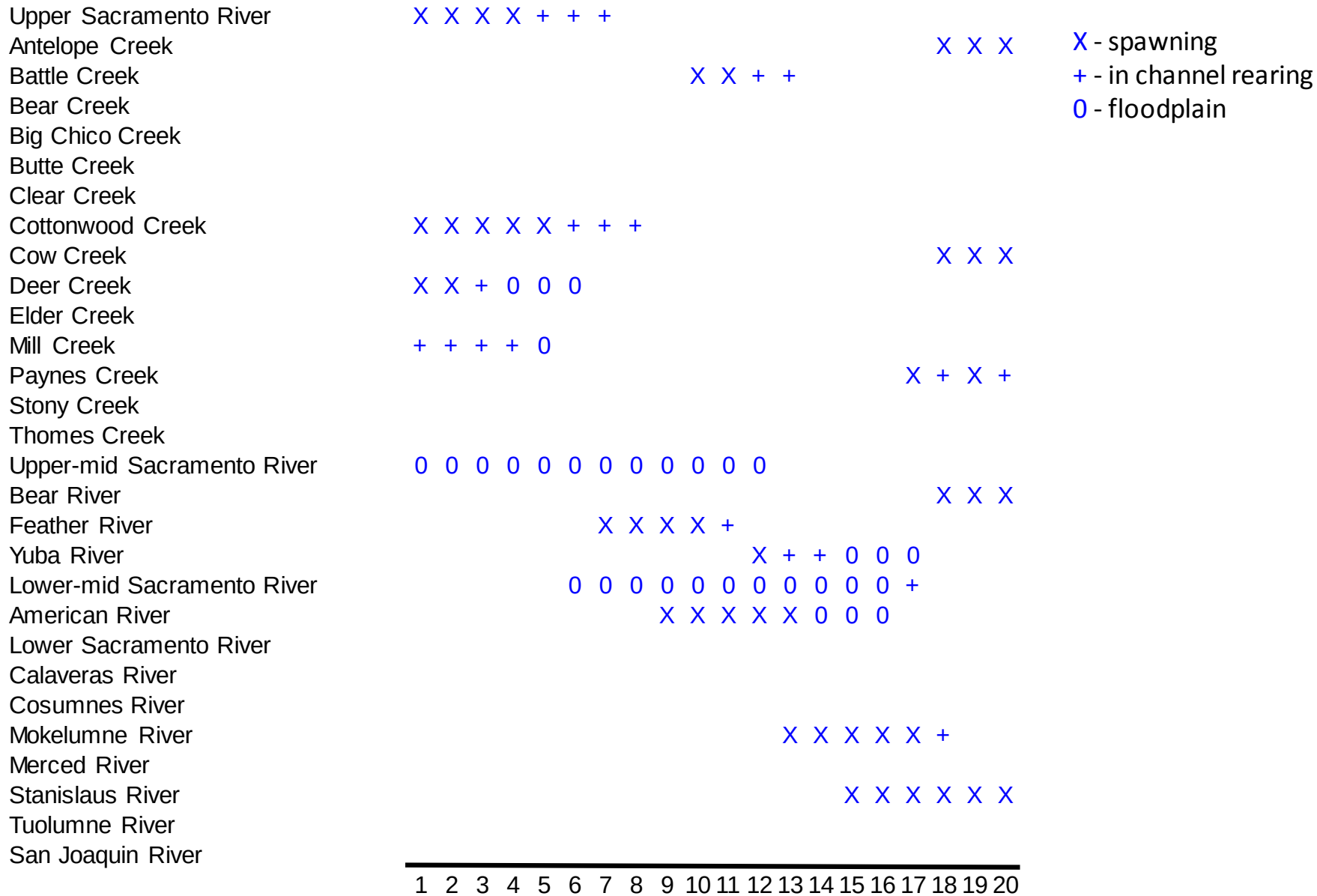
Simulation to create candidate strategies

optimally allocate 5 units of effort per year, 25 years

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Top actions / locations through time and space

Year



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Next meeting: Call-in Meeting on Wednesday, September 11

Join Zoom Meeting

<https://oregonstate.zoom.us/j/3571021423>

One tap mobile

+16699006833,,3571021423# US (San Jose)

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Dial by your location

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Meeting ID: 357 102 1423

Find your local number: <https://zoom.us/u/acQUIJPw0T>

Join by SIP

[3571021423@10.130.0.54](https://zoom.us/j/3571021423?pwd=3571021423@10.130.0.54)

Join by H.323

10.130.0.54

Meeting ID: 357 102 1423