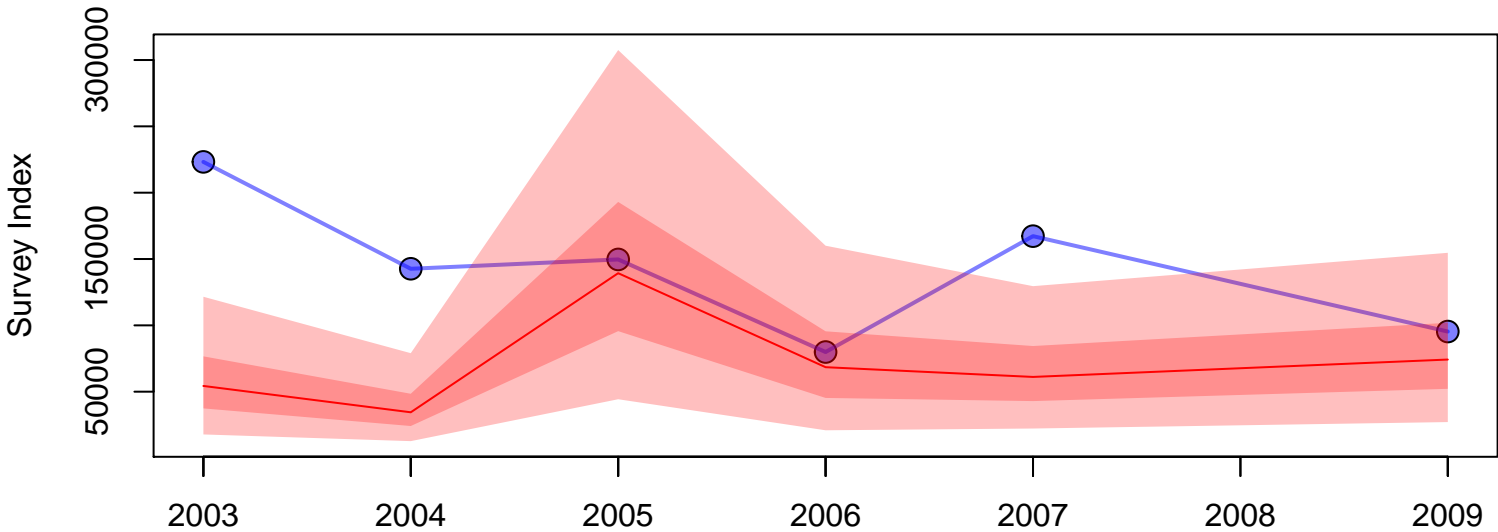
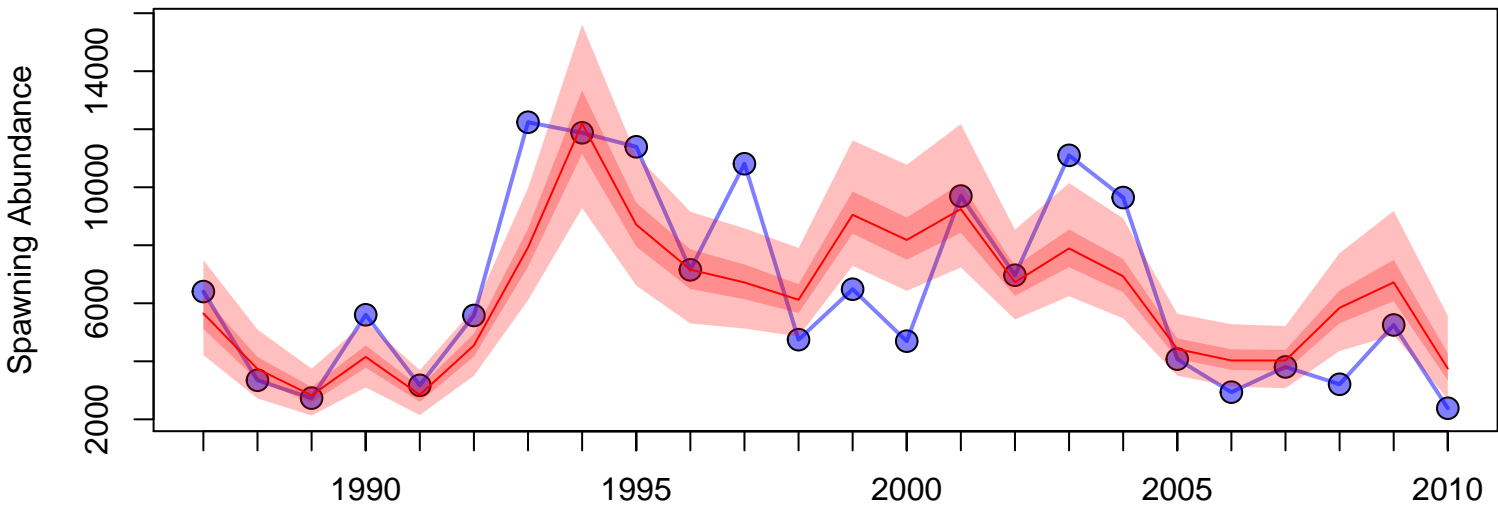
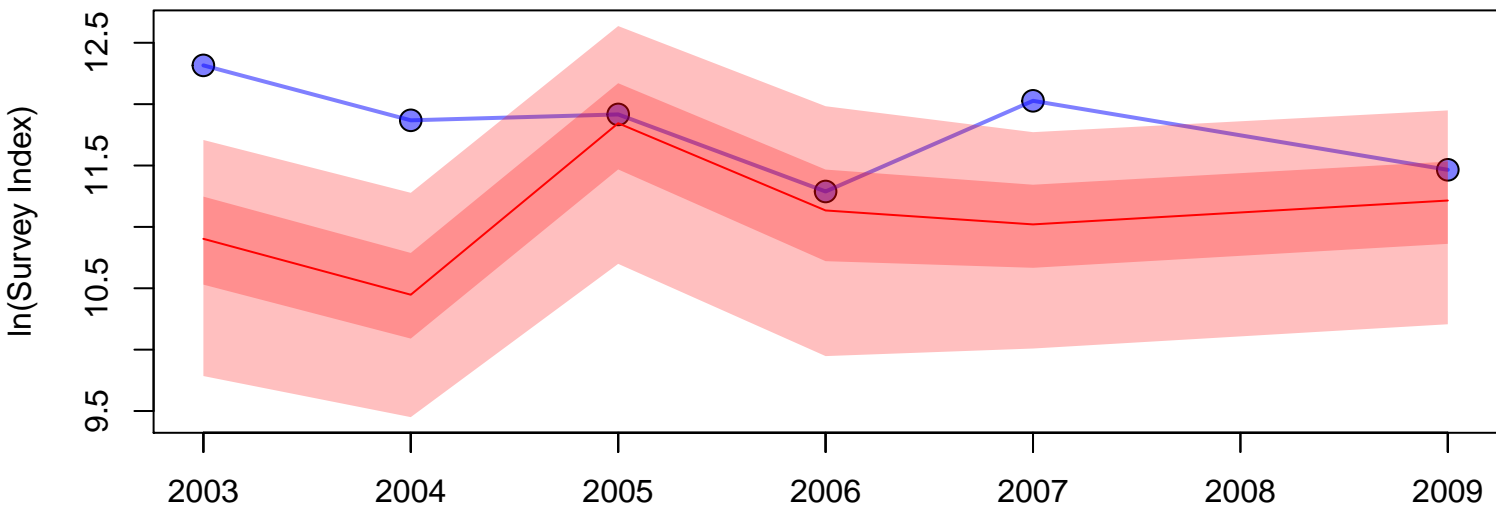
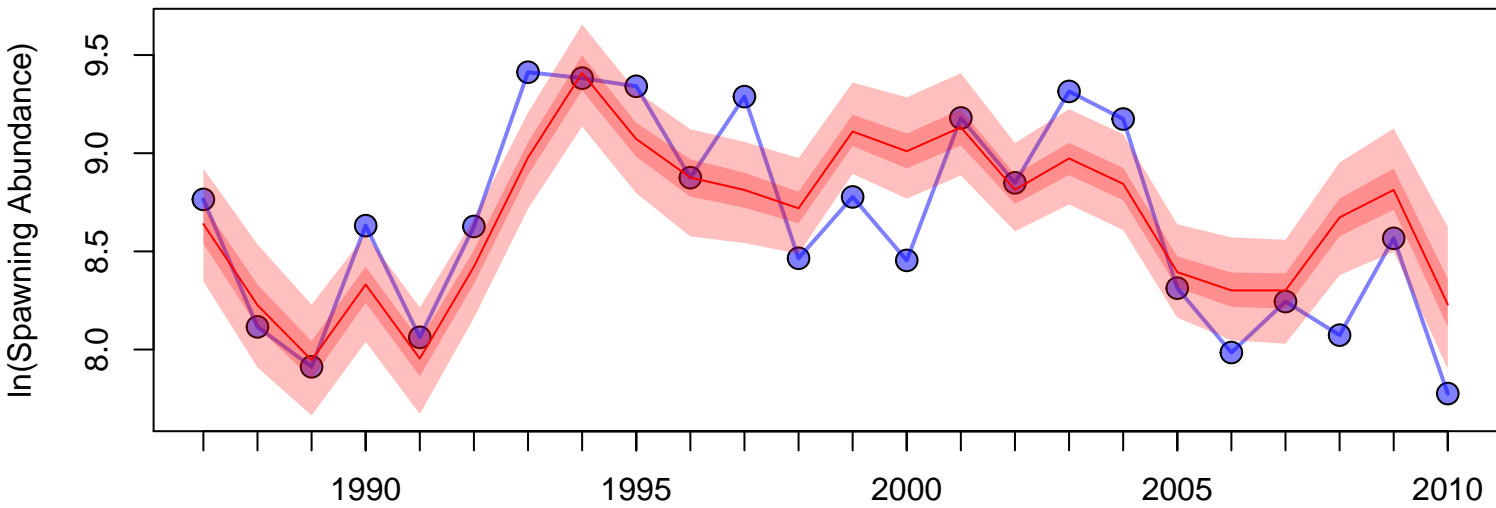


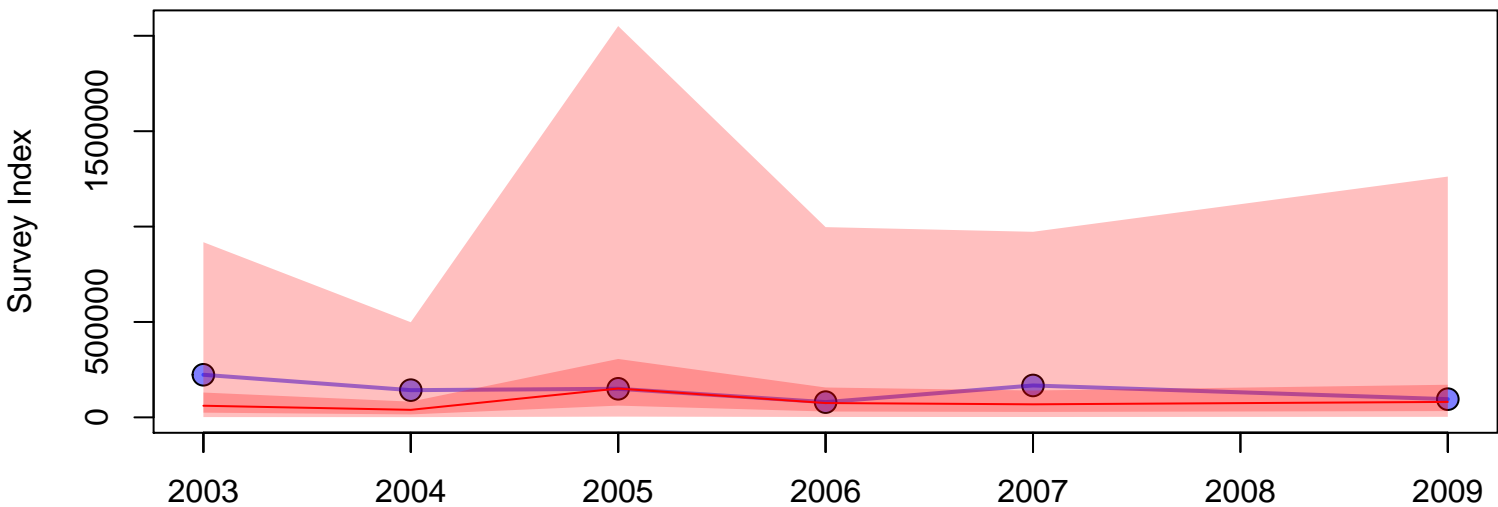
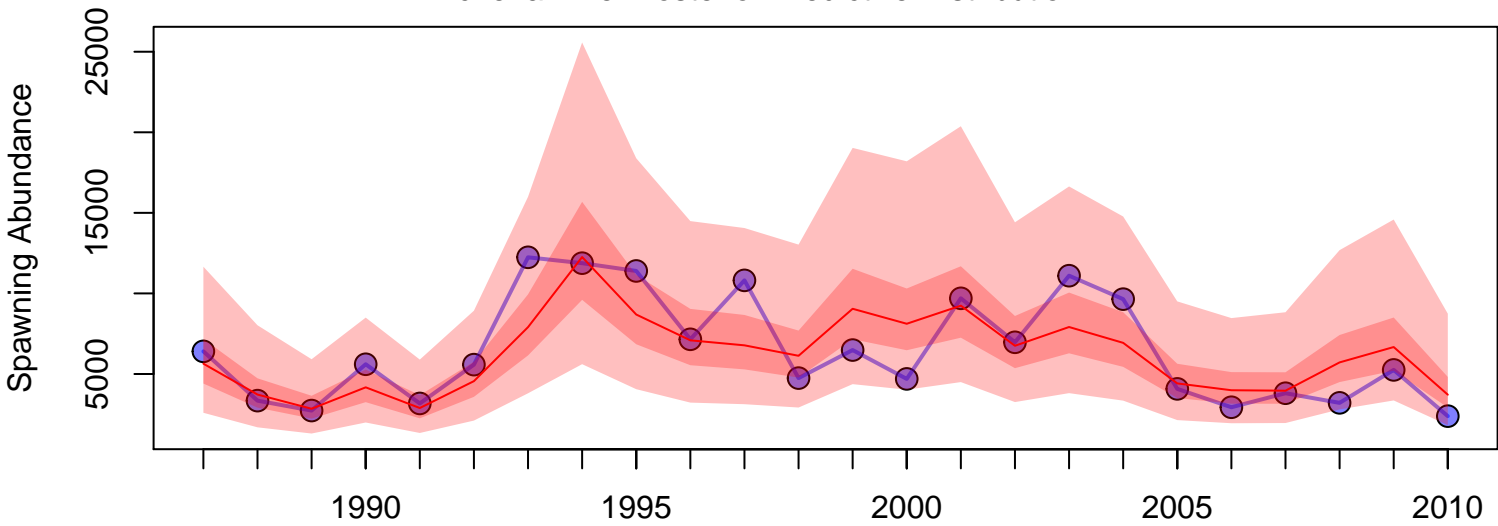
chena River Posterior



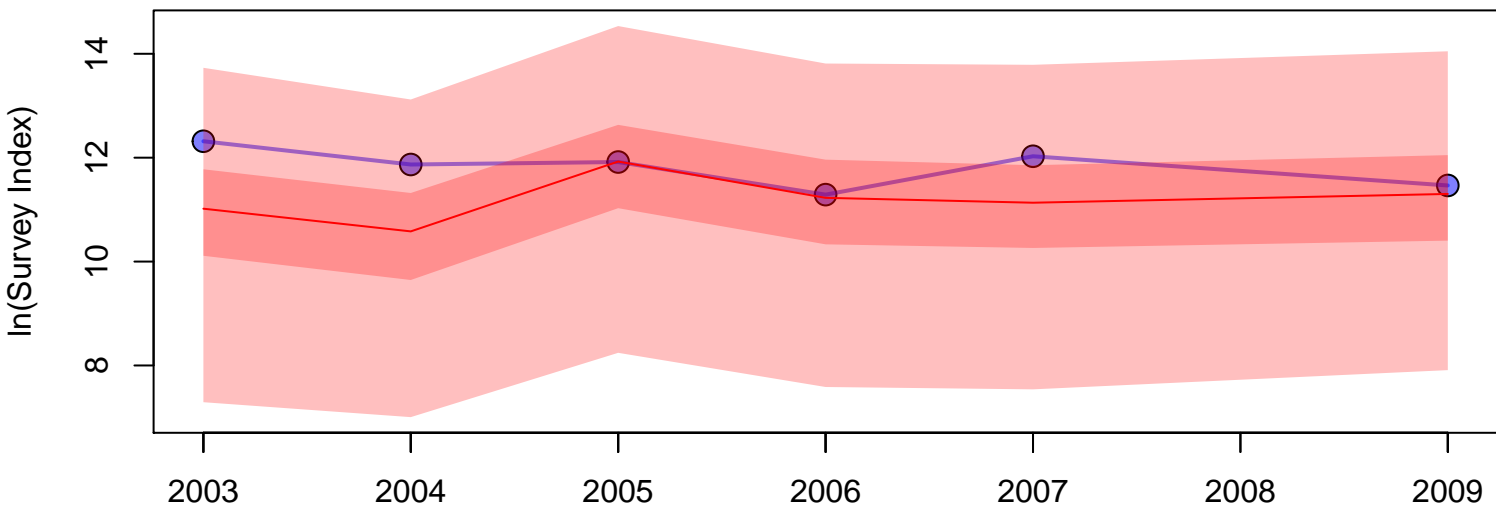
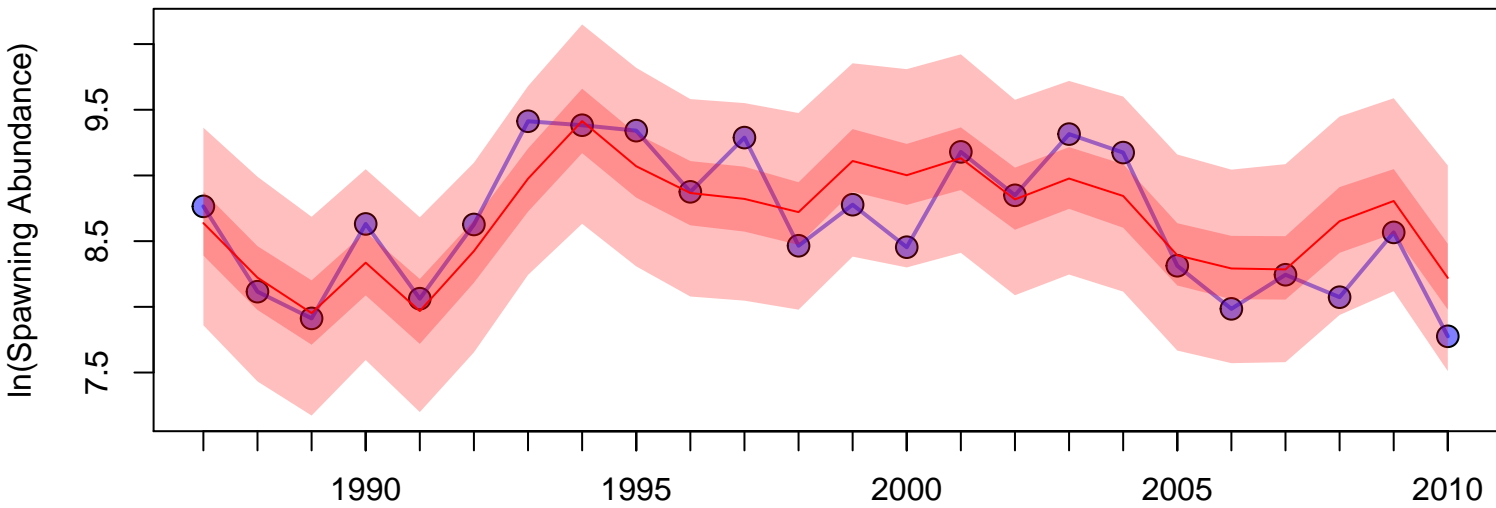
chena River Posterior



chena River Posterior Predictive Distribution

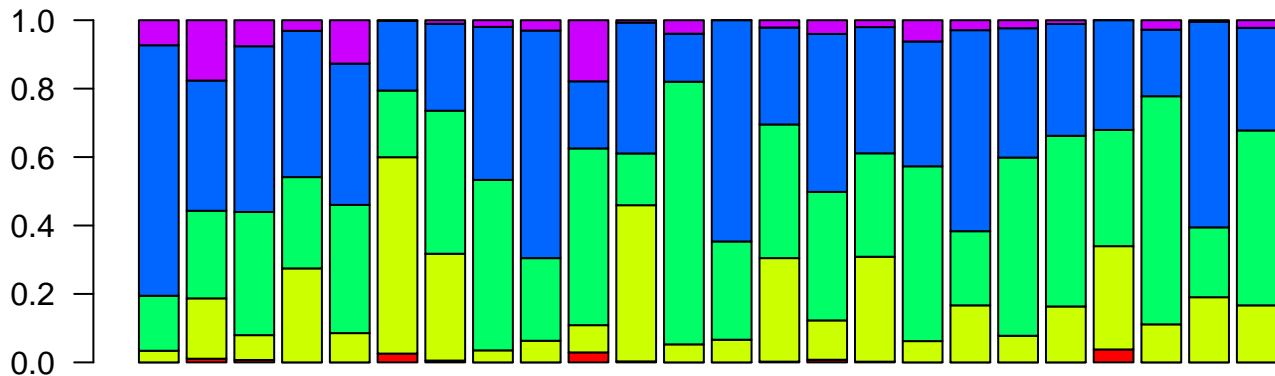


chena River Posterior Predictive Distribution

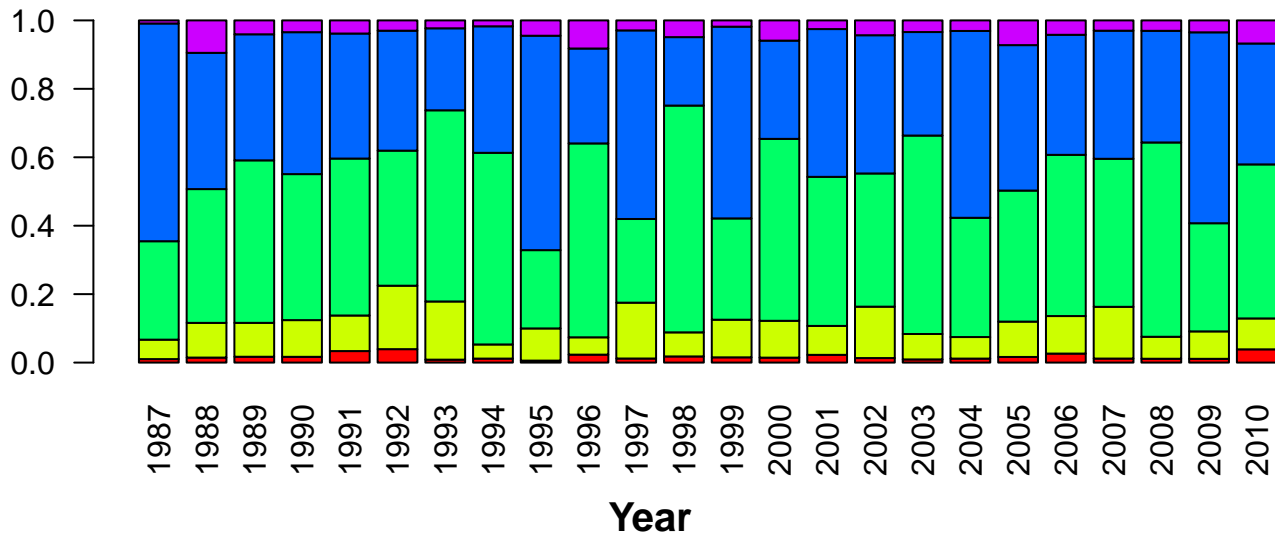


Age Composition Proportion

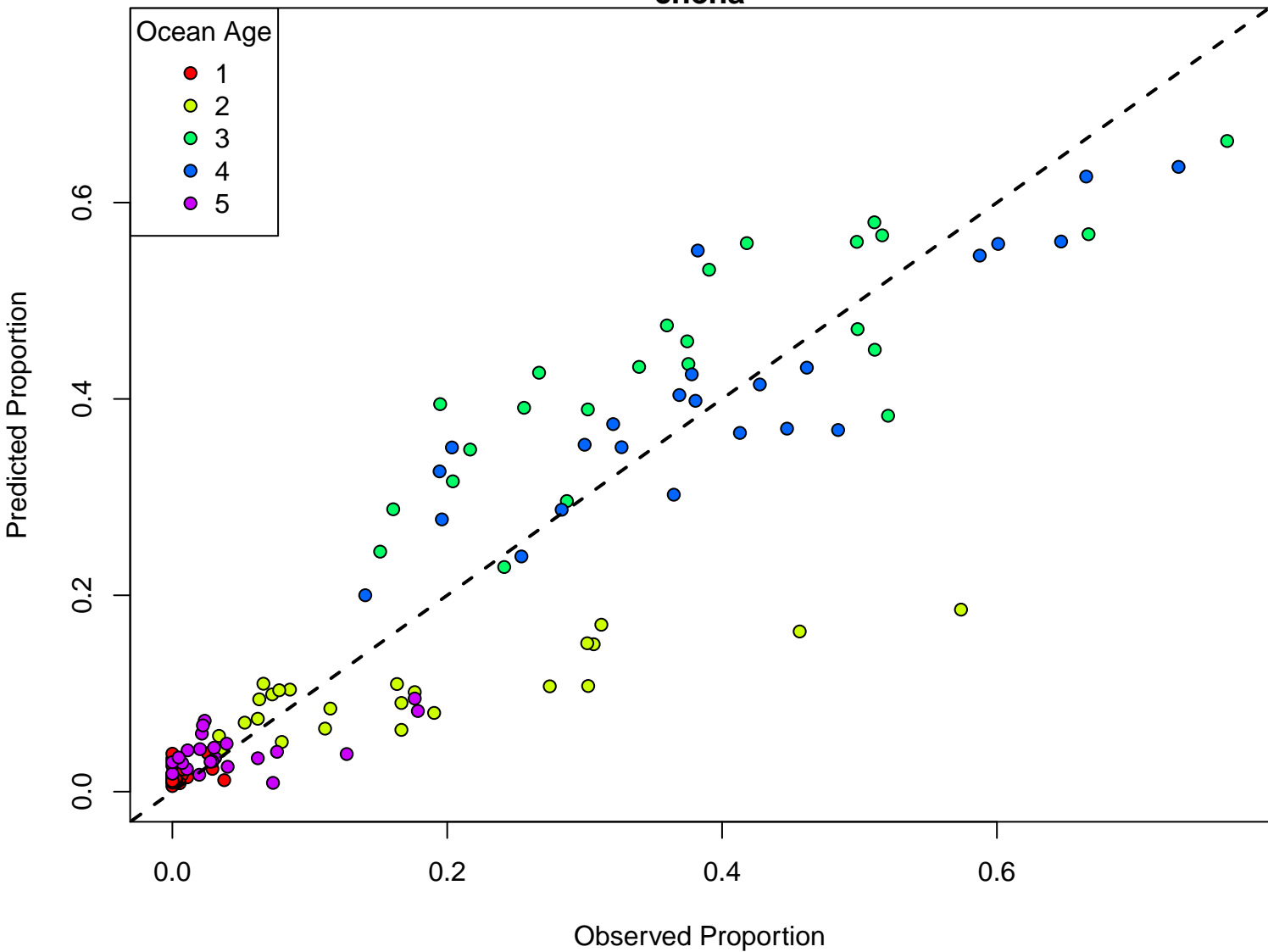
Observed

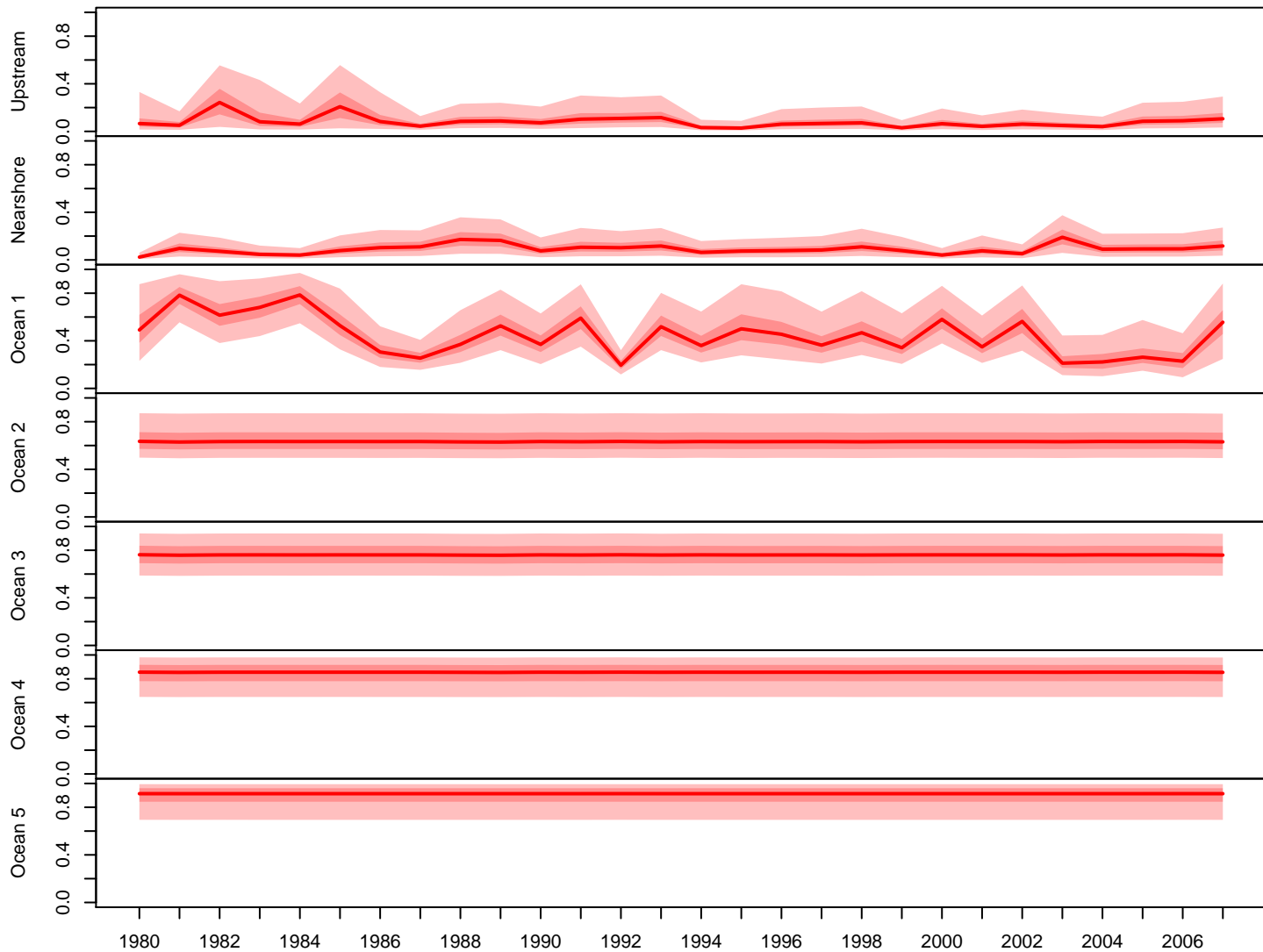


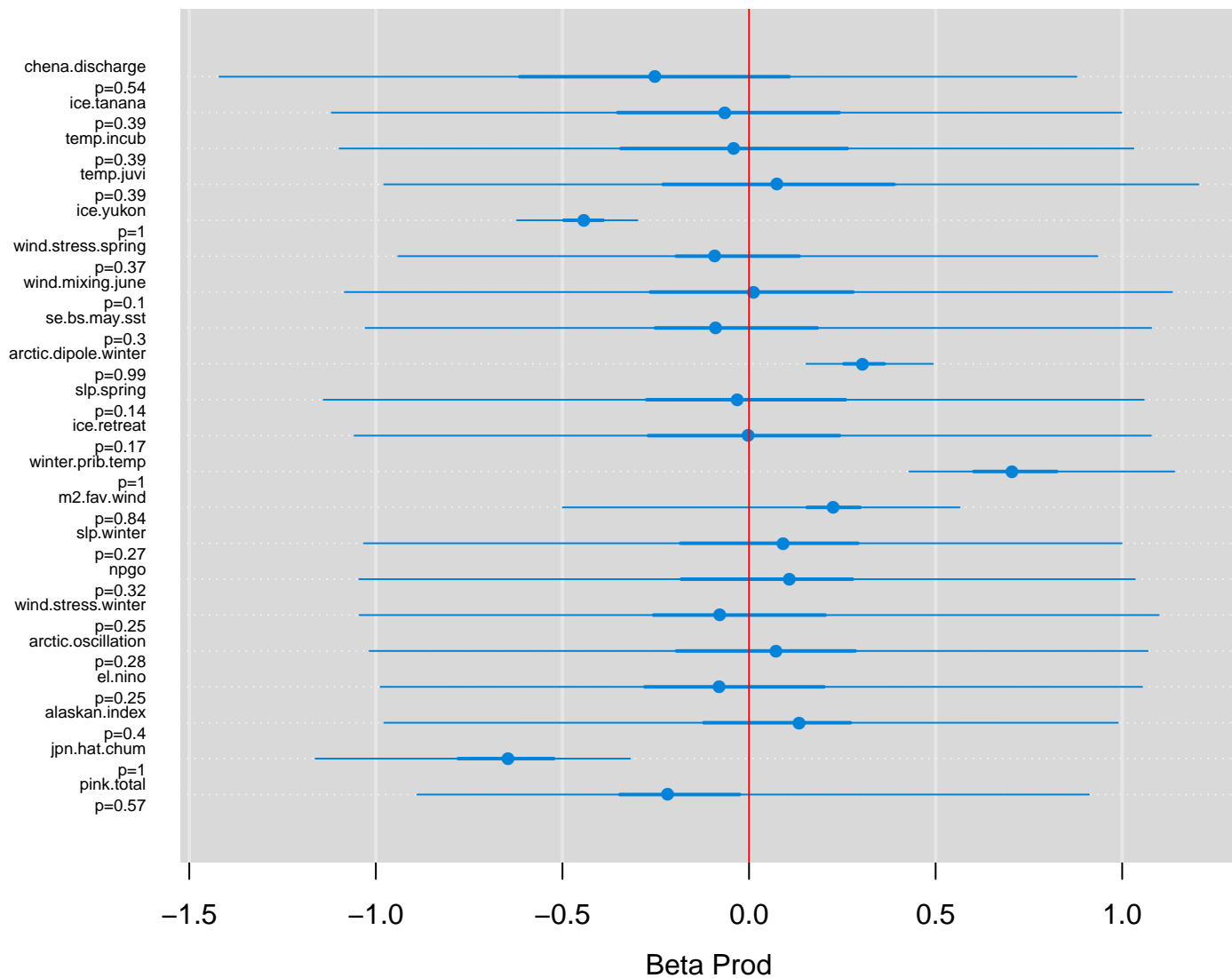
Predicted

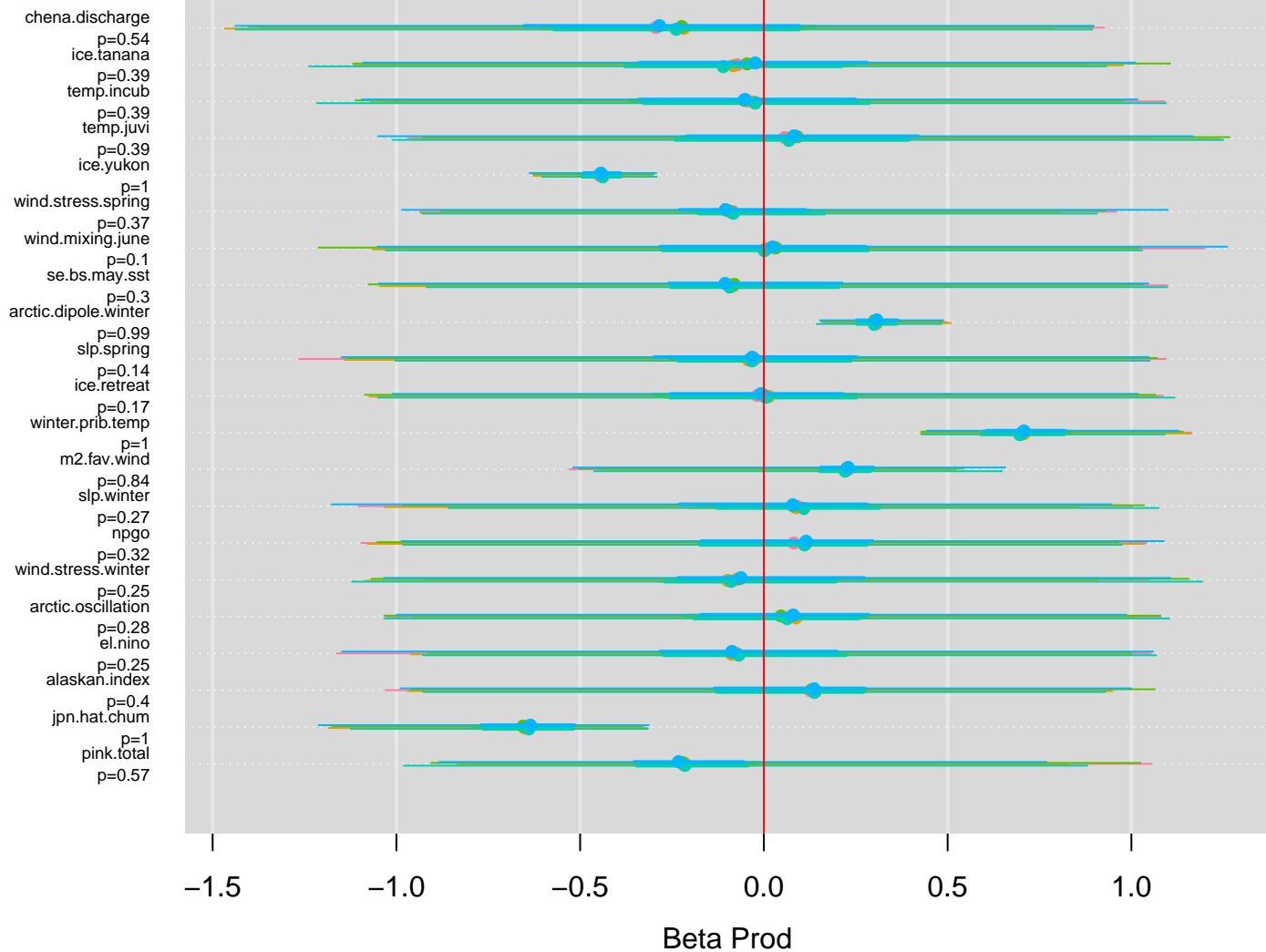


chena



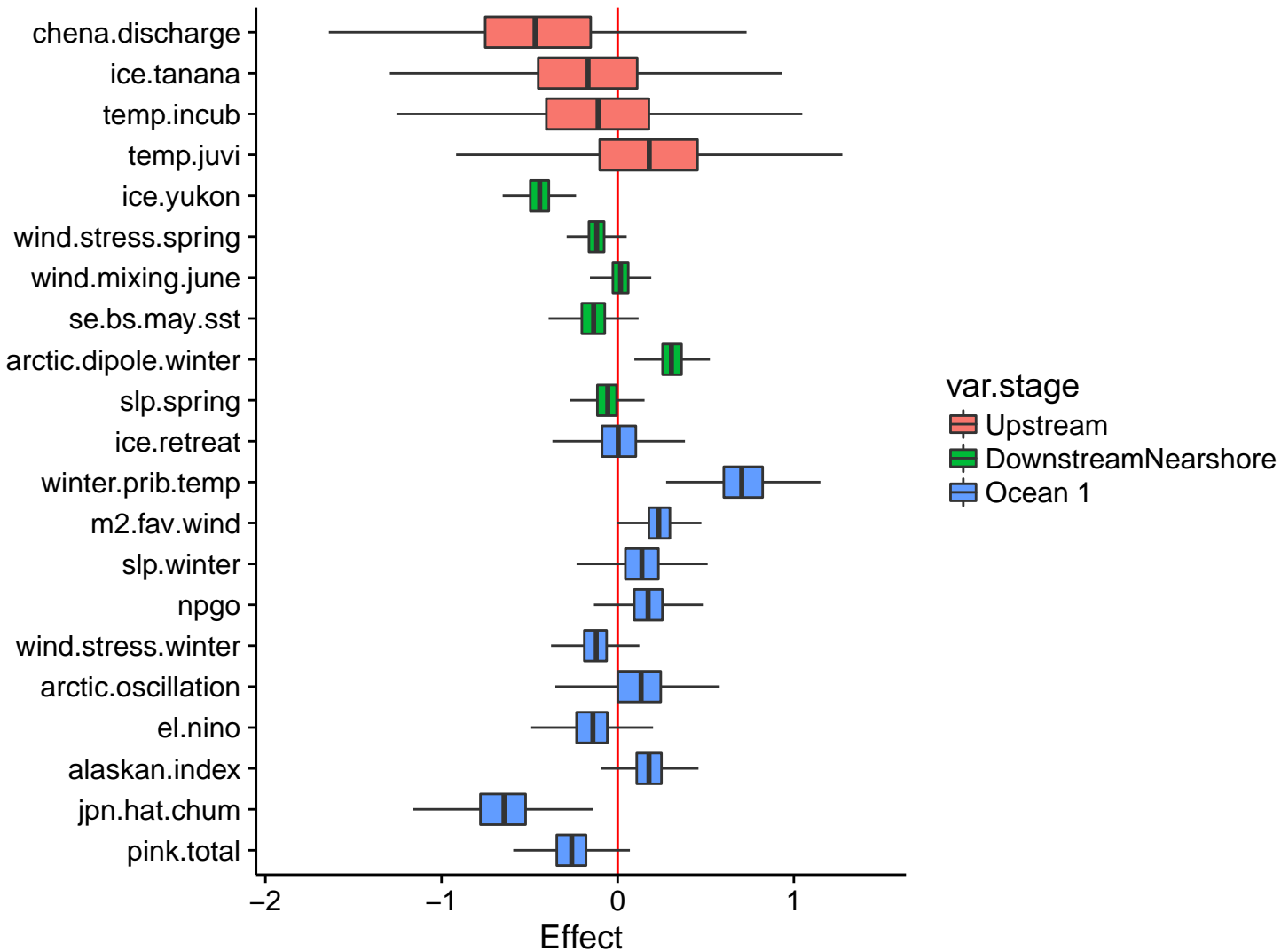






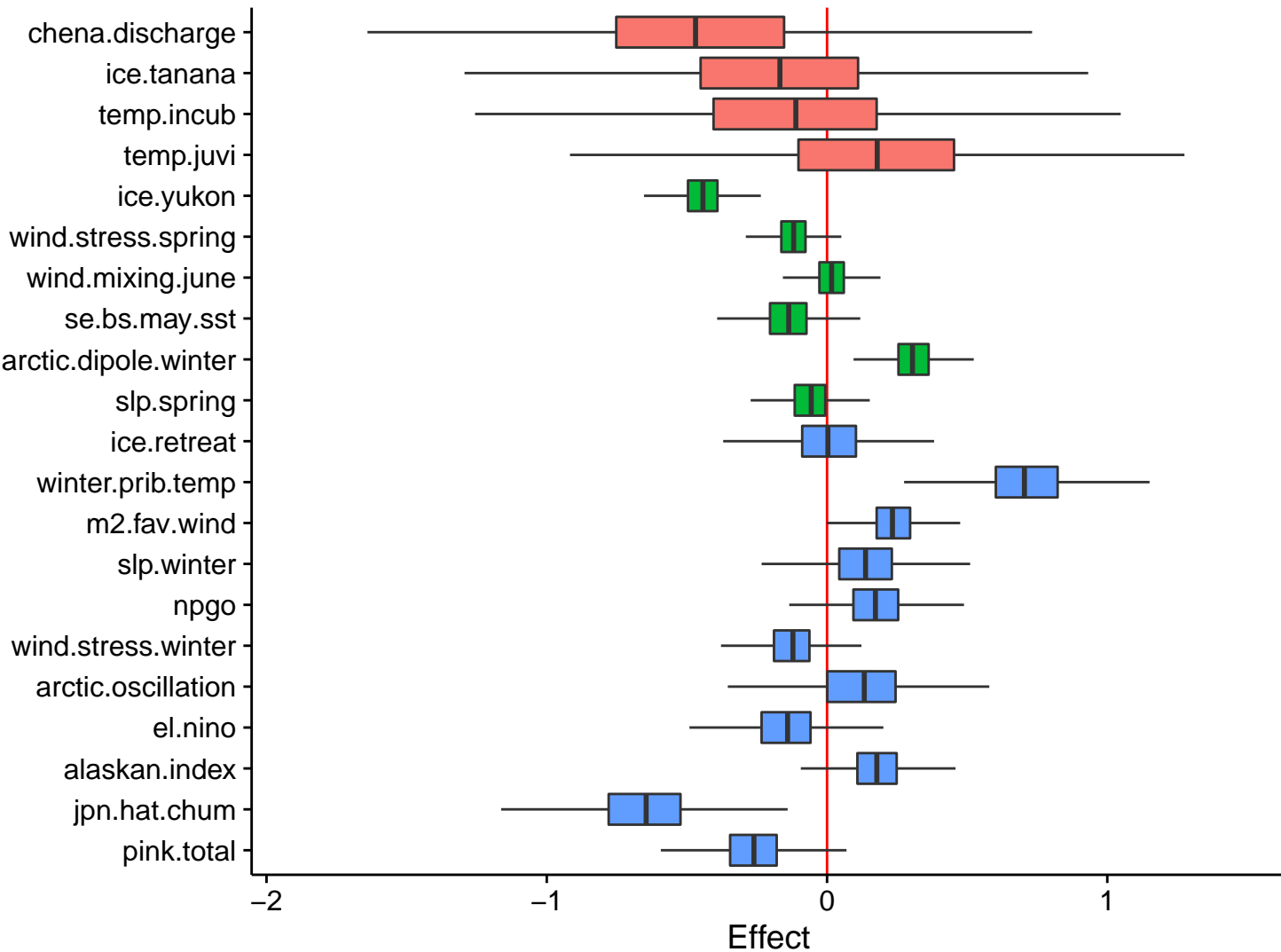
Chena River

Covariate



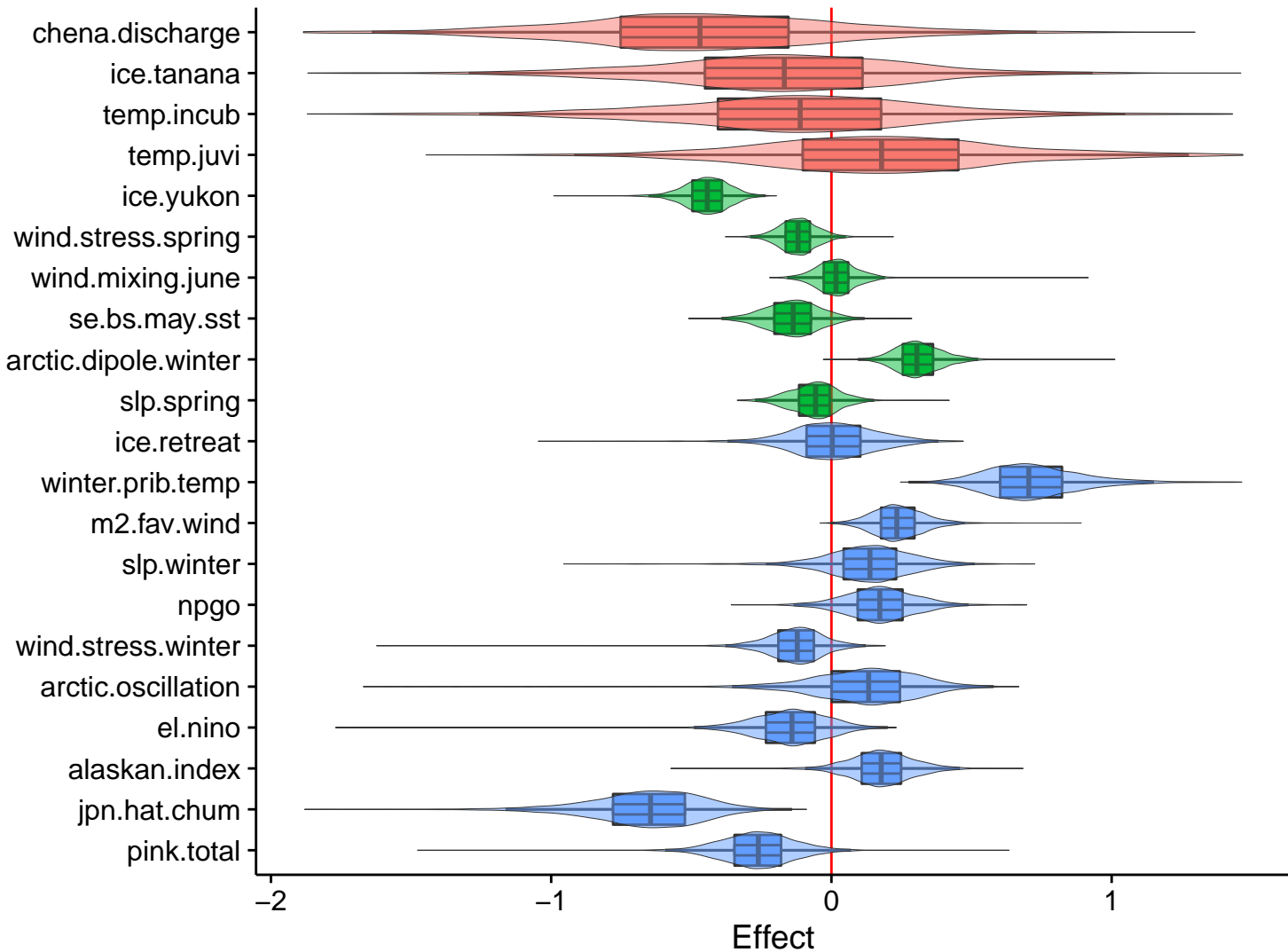
Chena River

Covariate



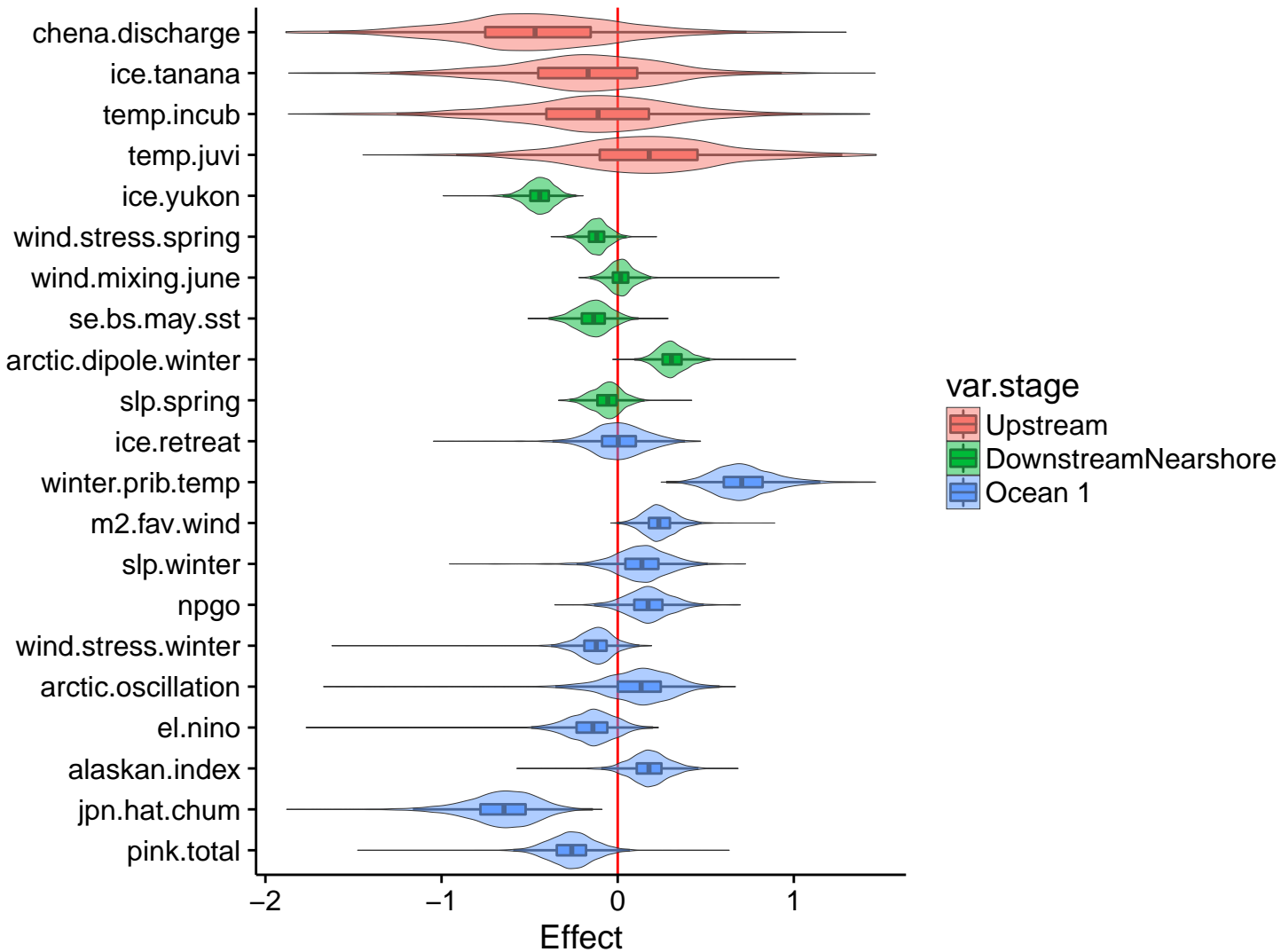
Chena River

Covariate



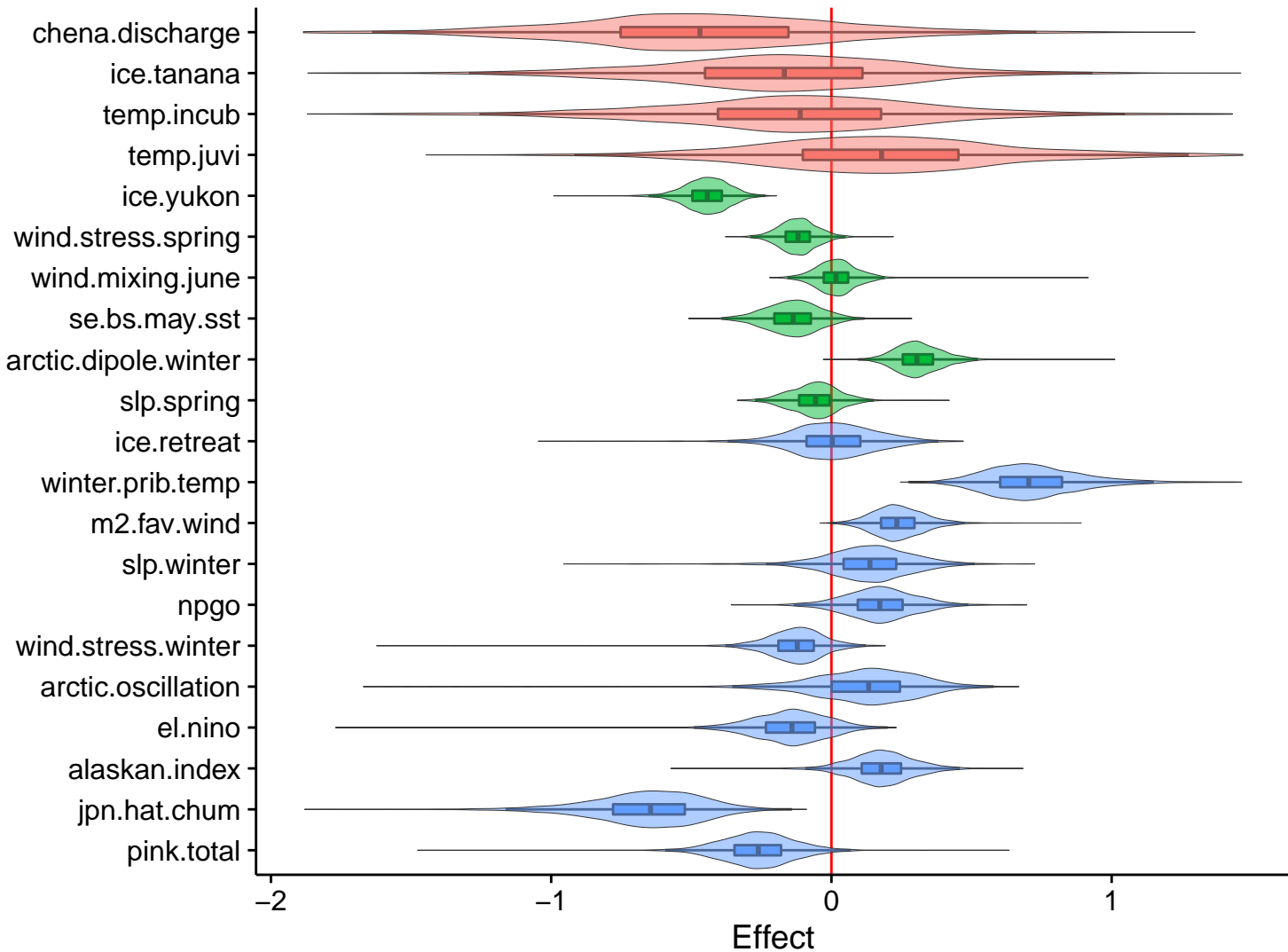
Chena River

Covariate



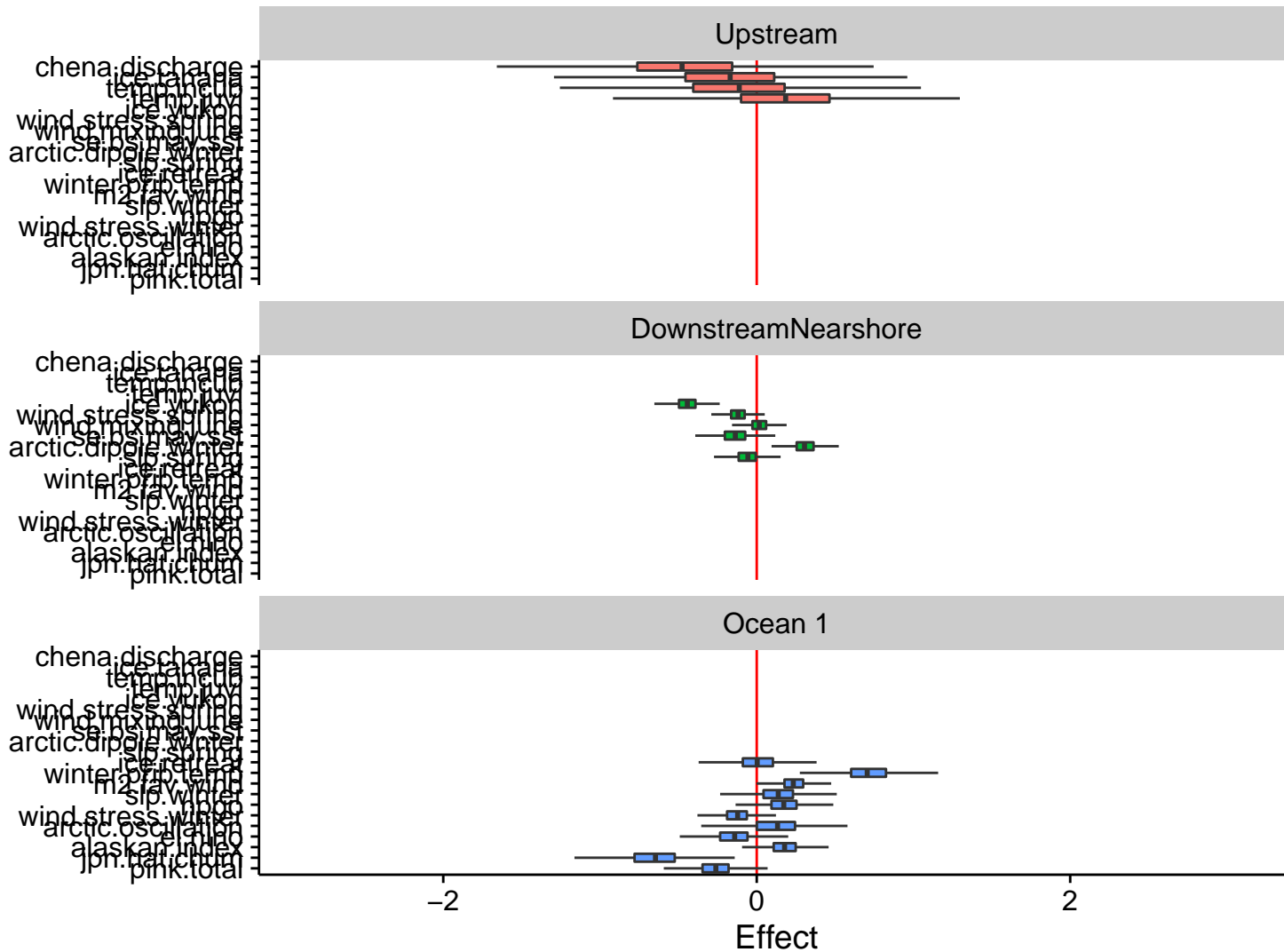
Chena River

Covariate

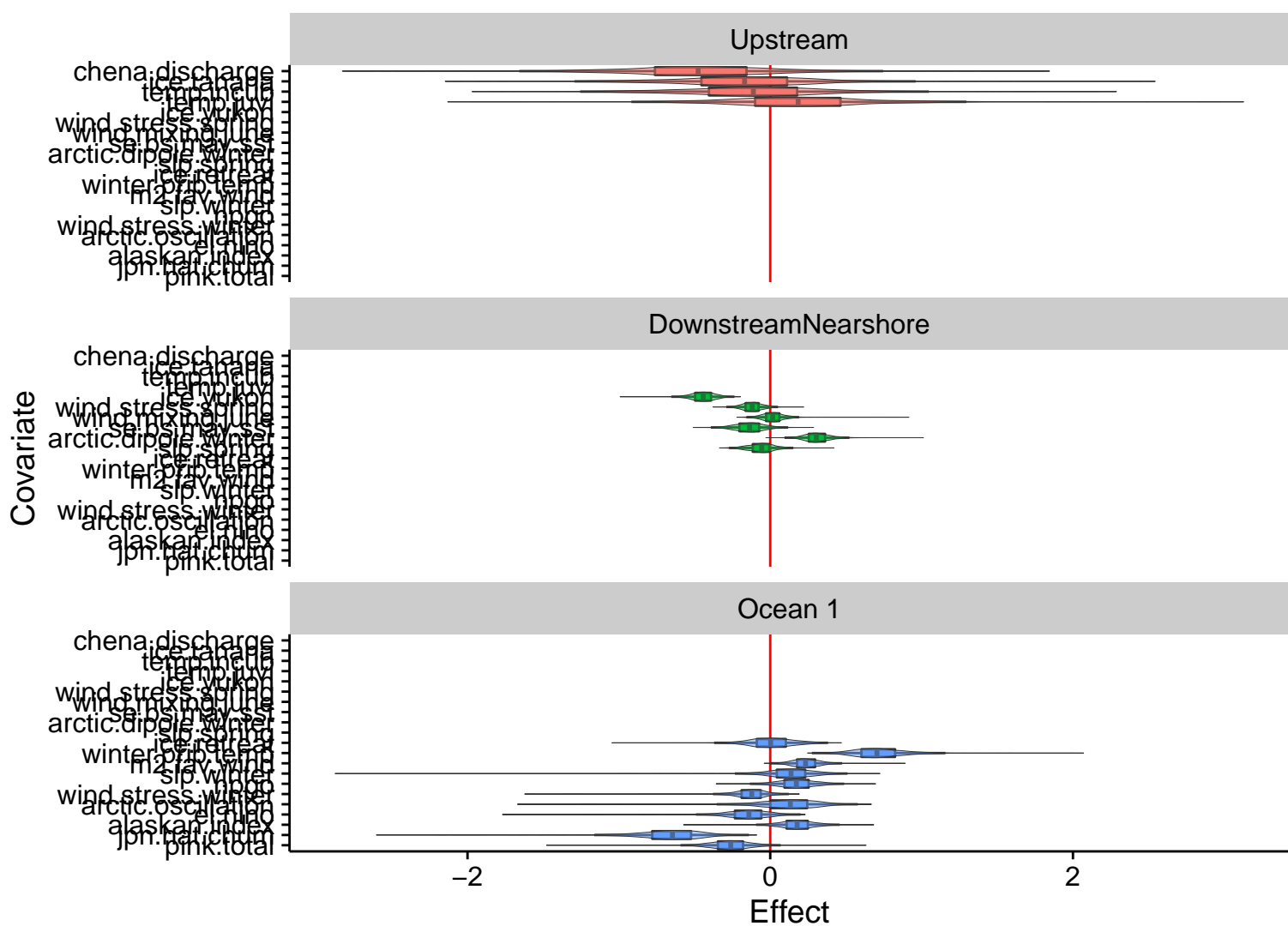


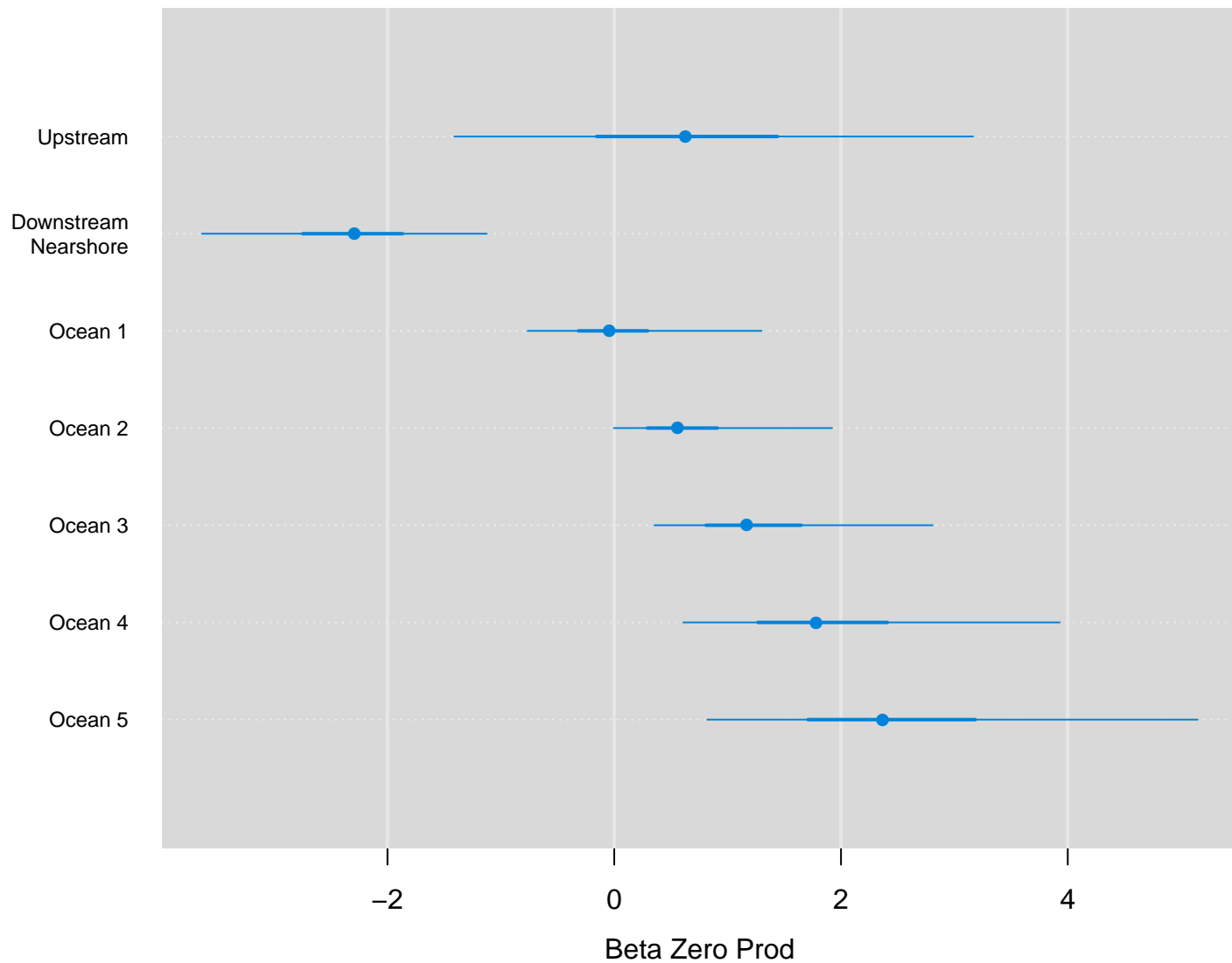
Chena River

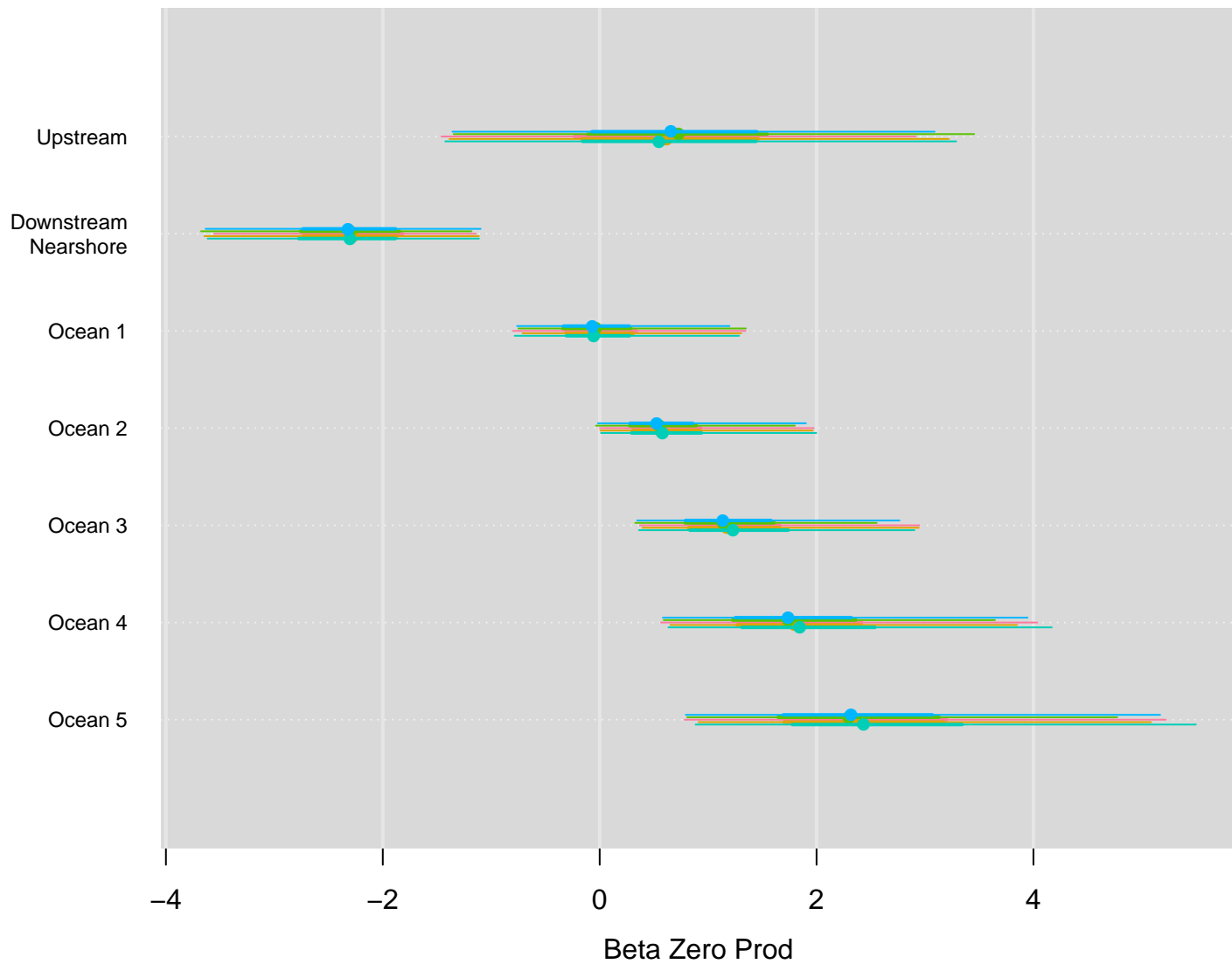
Covariate



Chena River







eta.zero.cap[1]

eta.zero.cap[2]

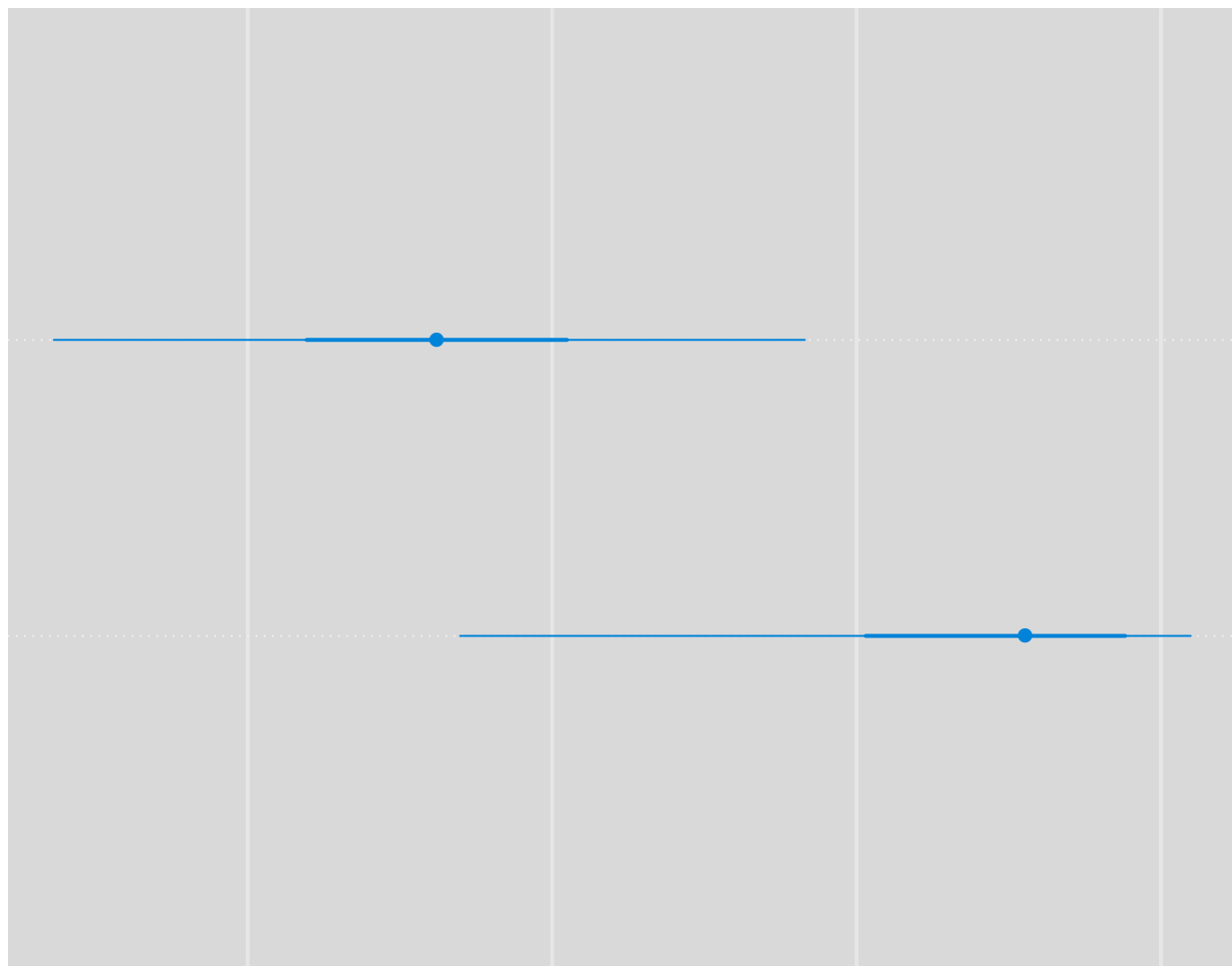
13

14

15

16

Beta Zero Cap



eta.zero.cap[1]

eta.zero.cap[2]

0e+00

2e+06

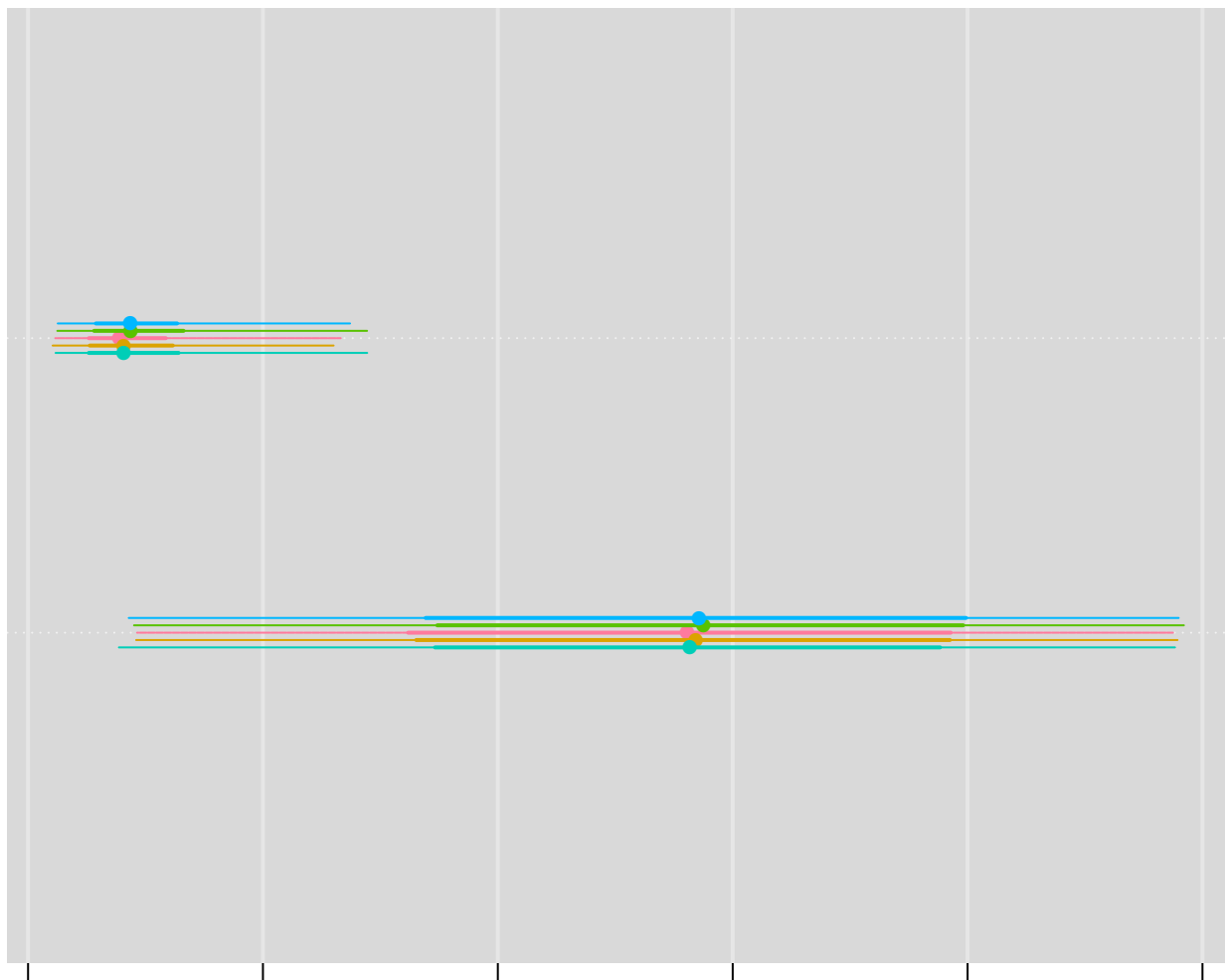
4e+06

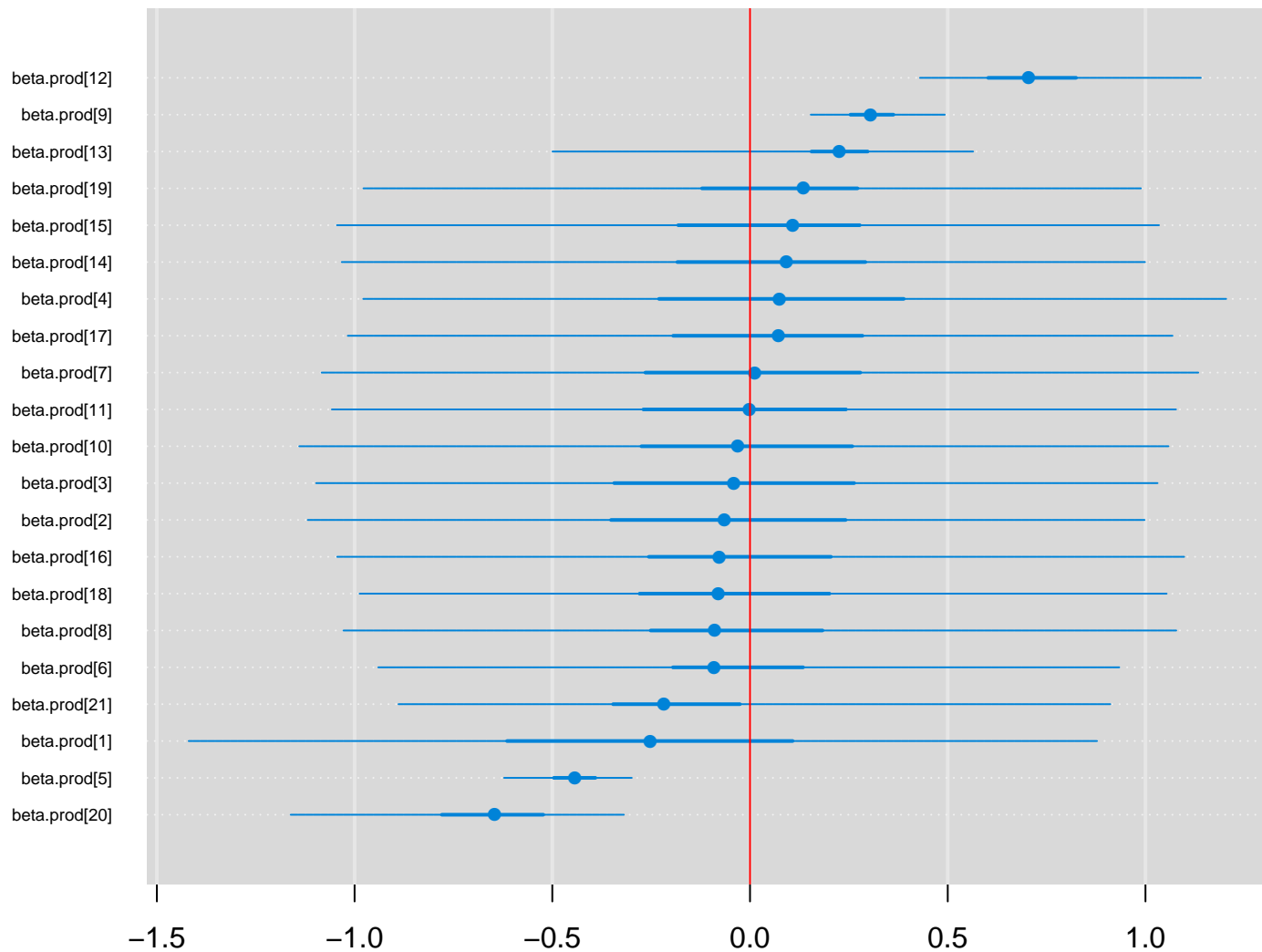
6e+06

8e+06

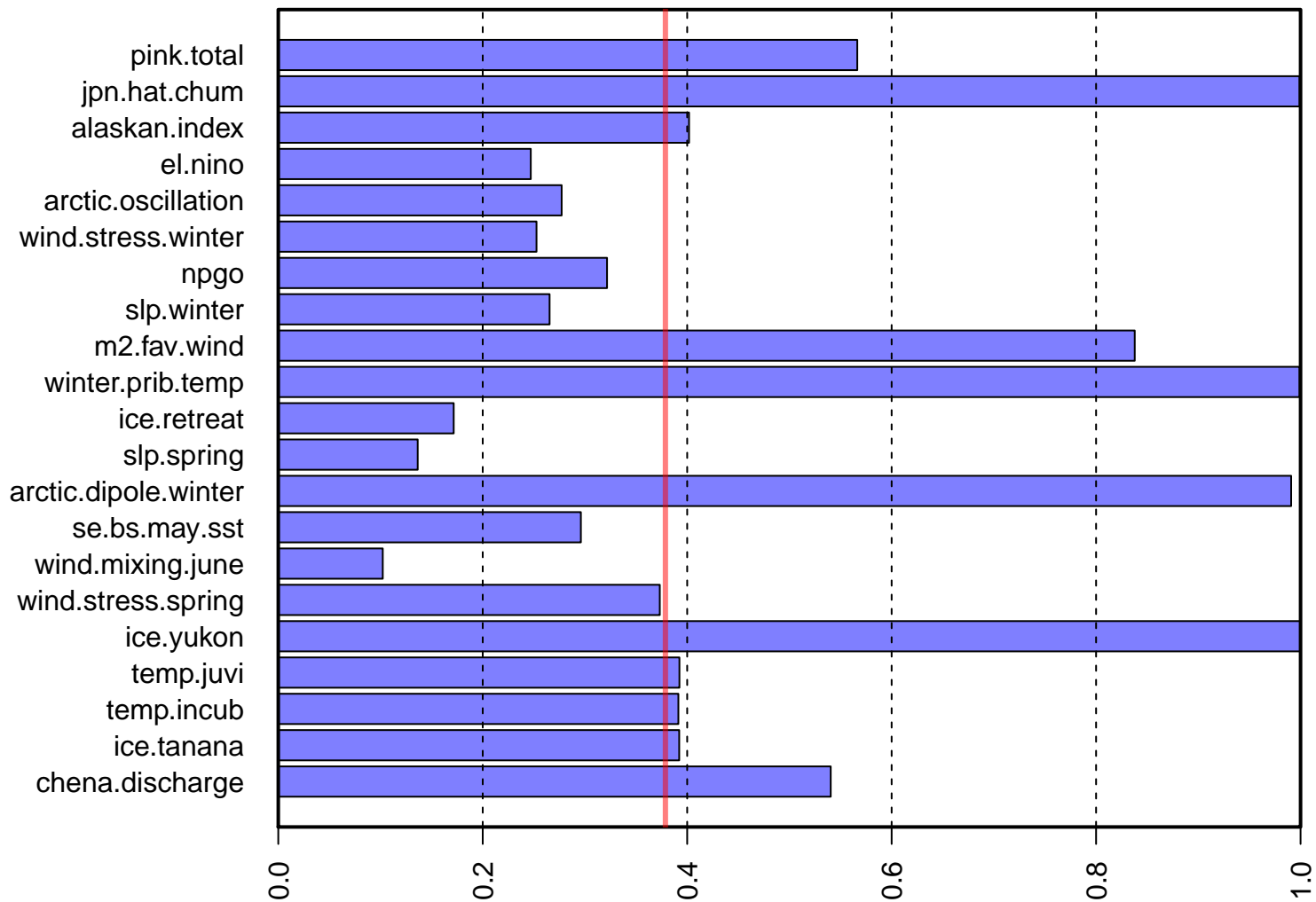
1e+07

Exp Beta Zero Cap





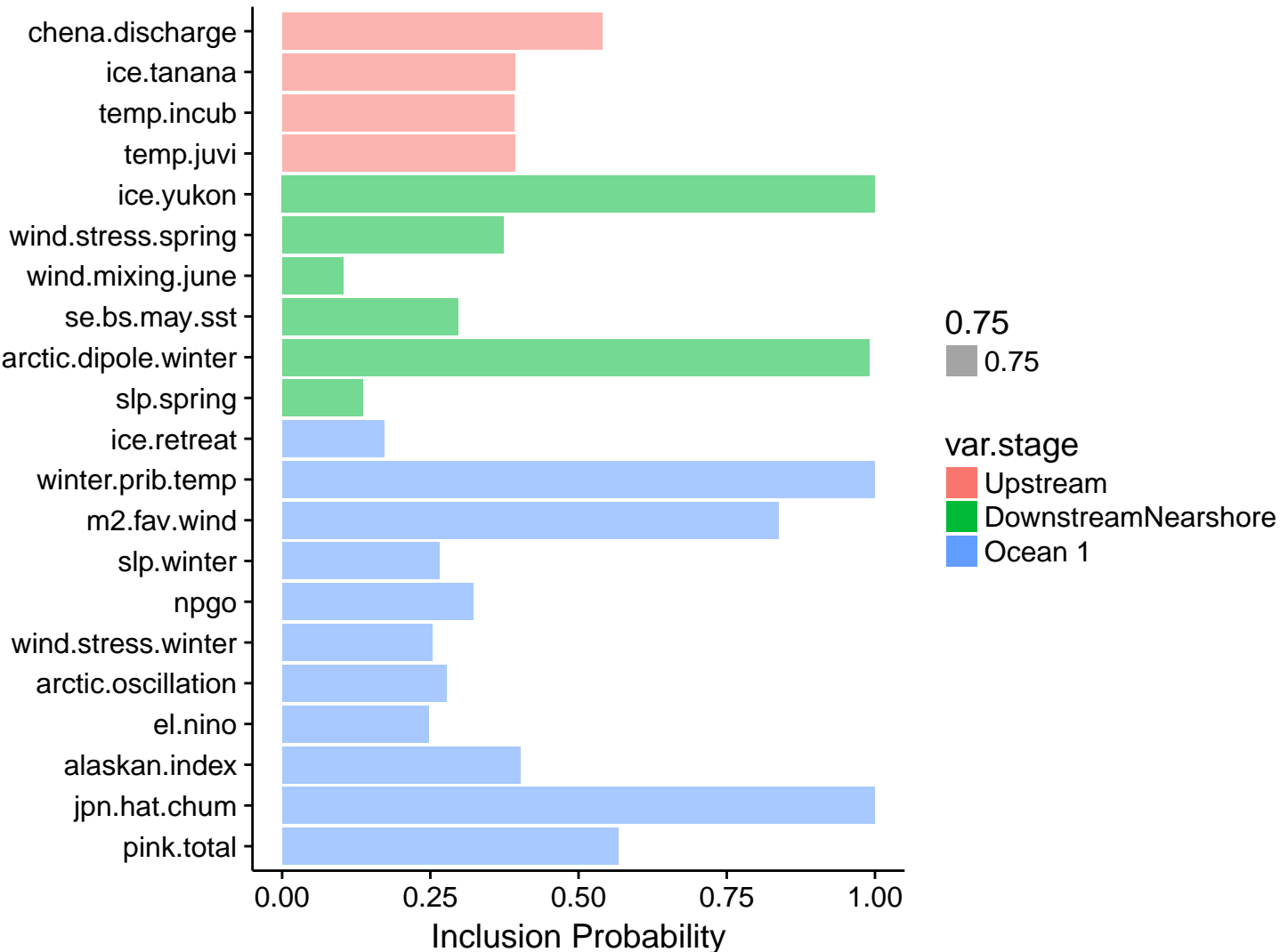
chena



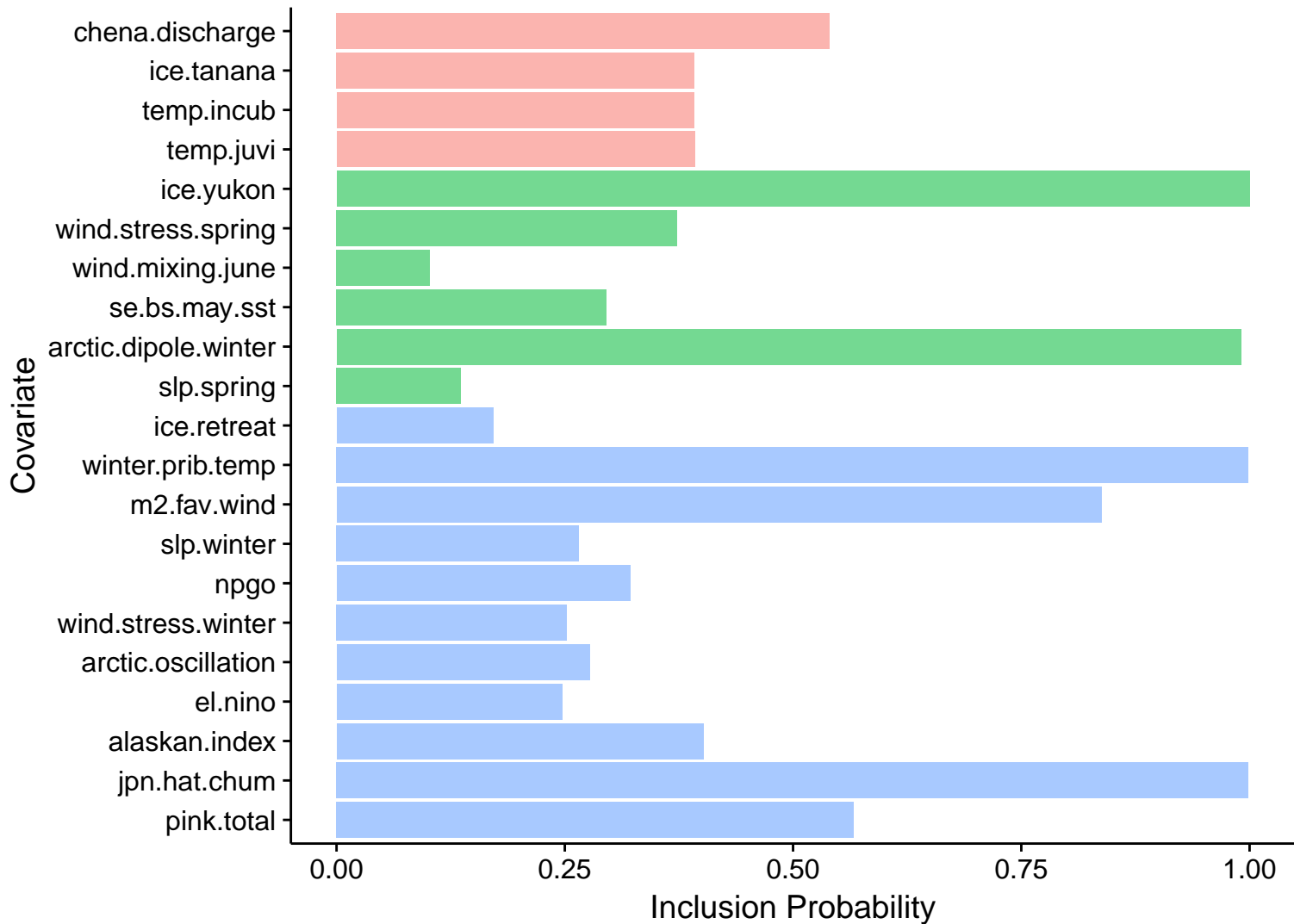
Productivity Inclusion Probability

Chena River

Covariate

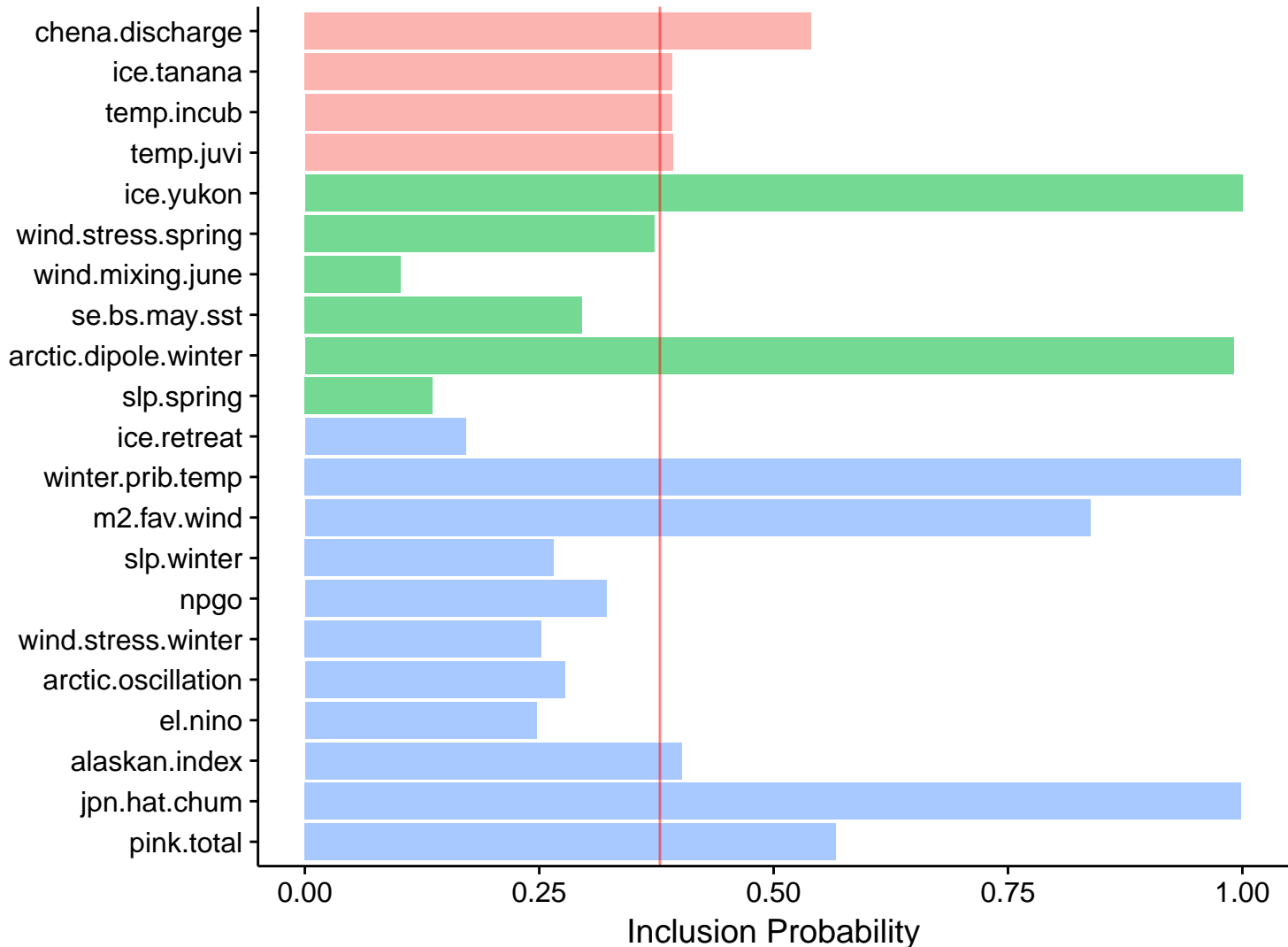


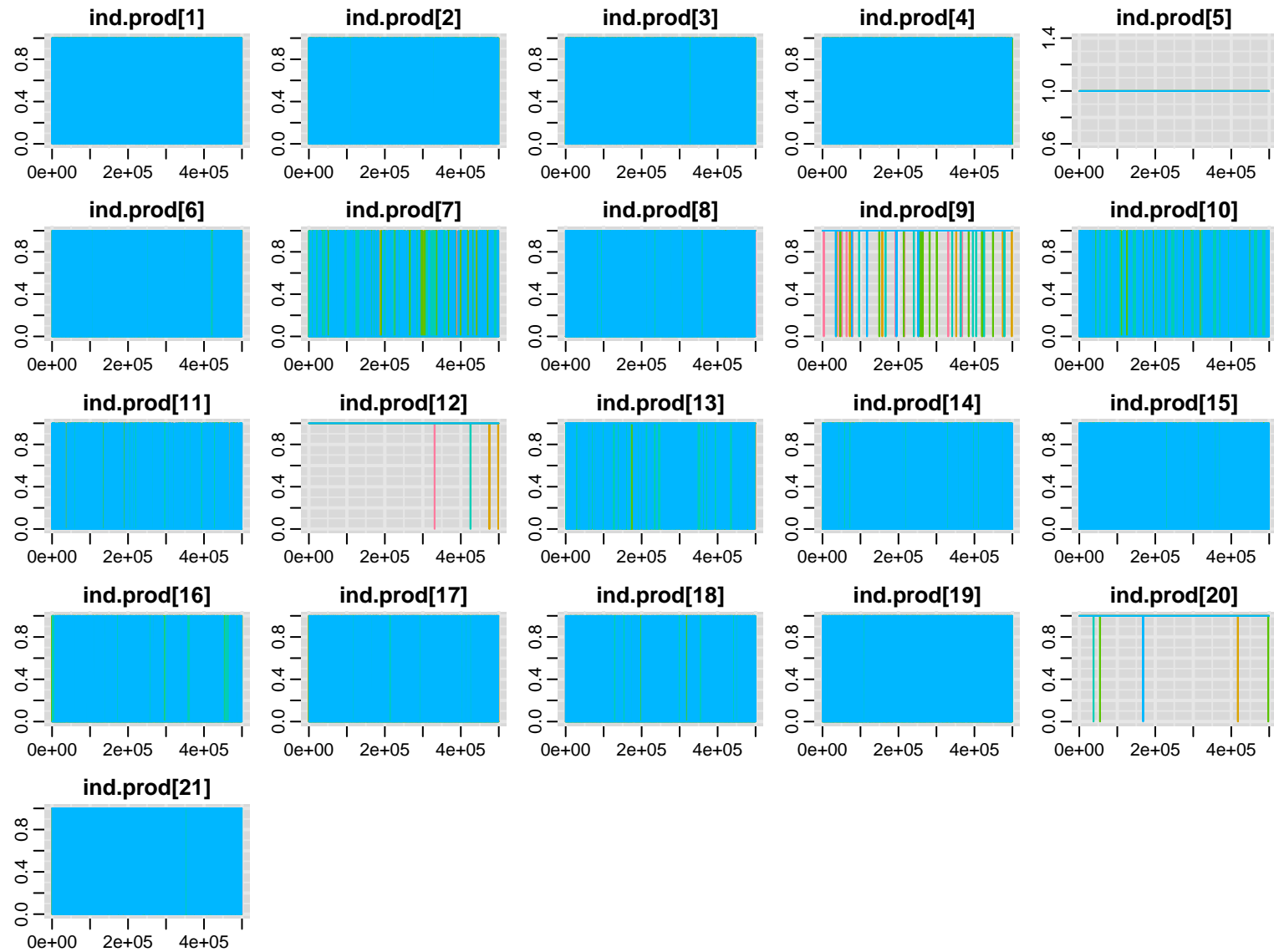
Chena River

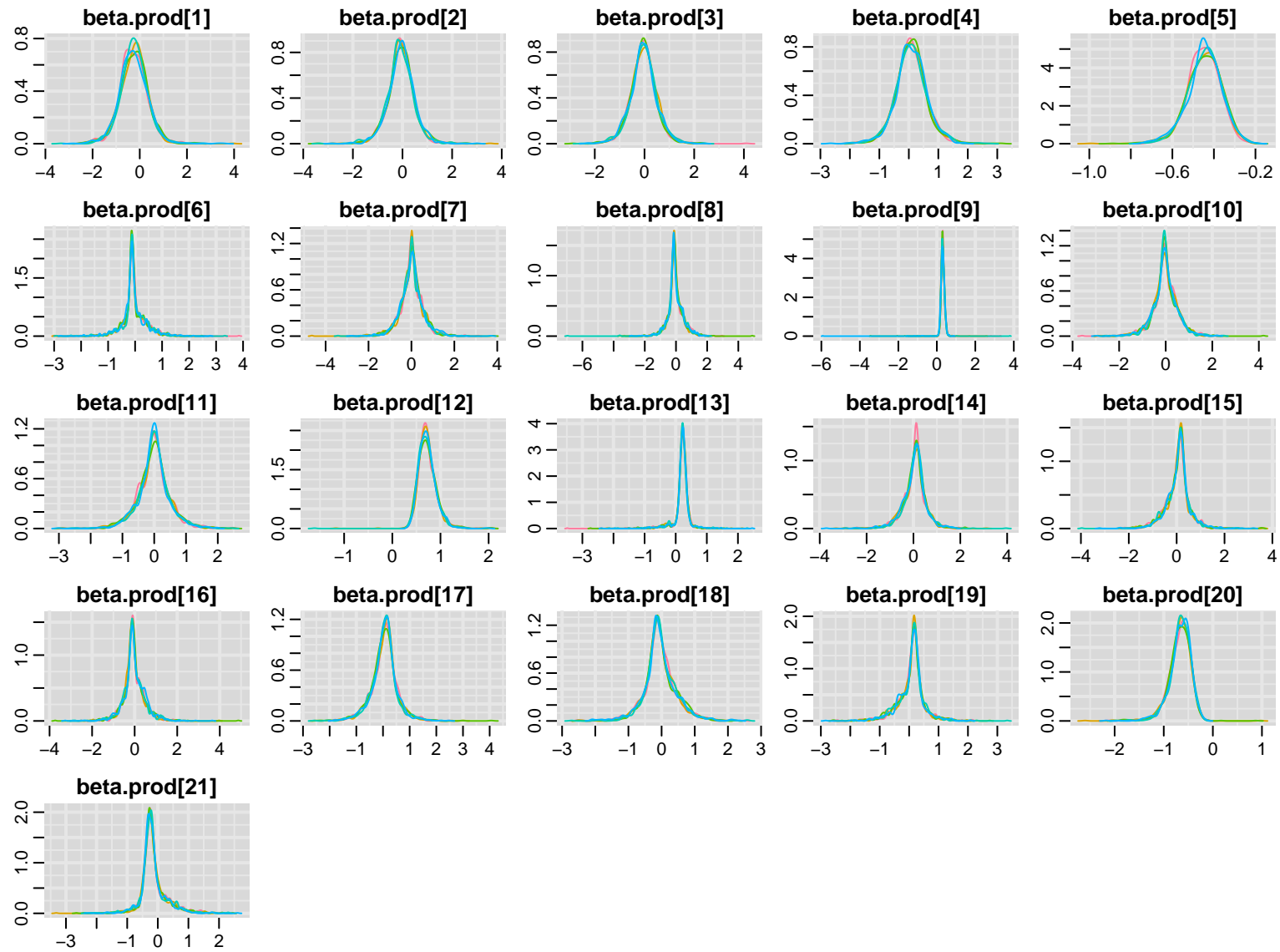


Chena River

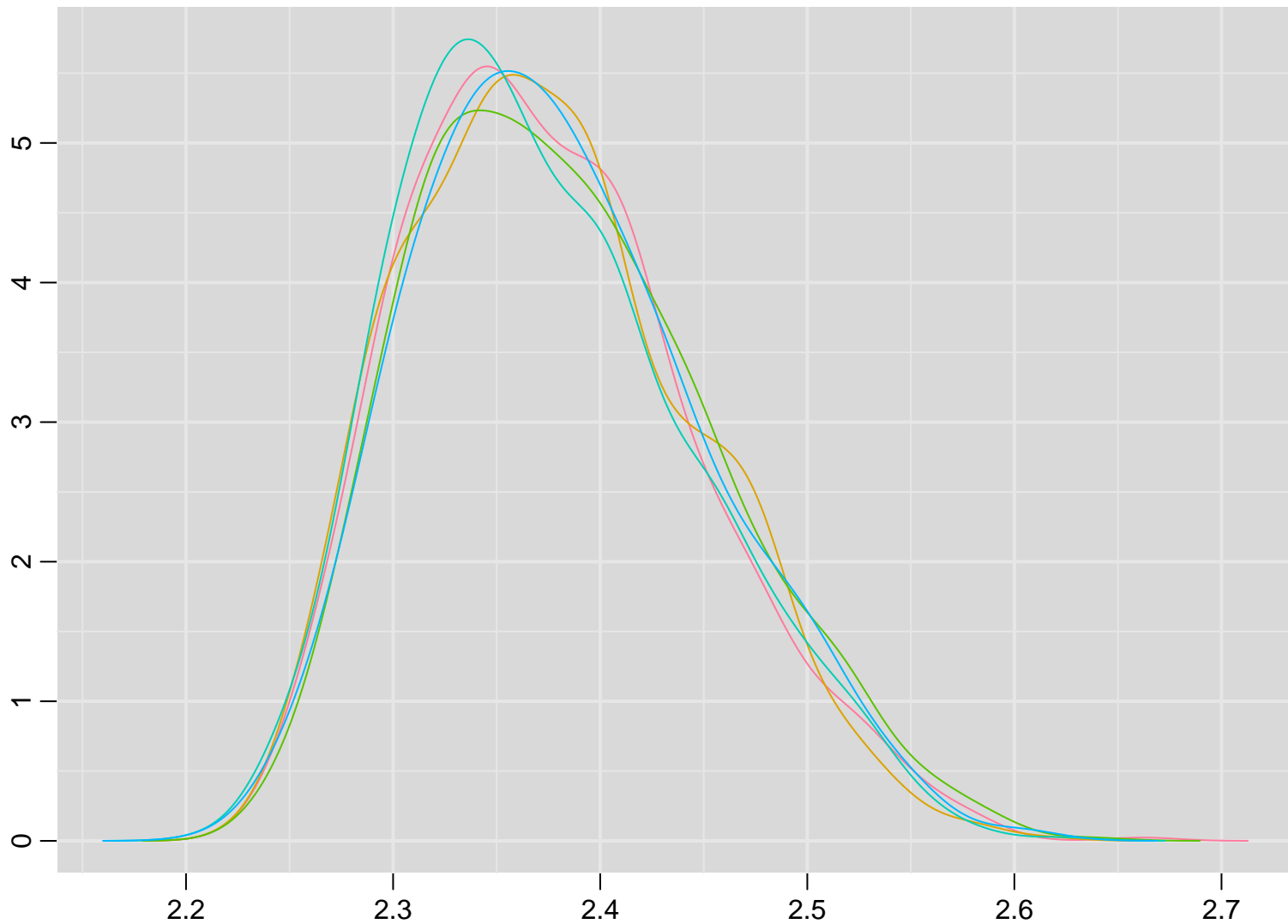
Covariate

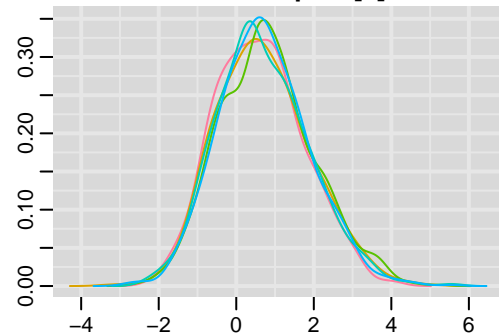
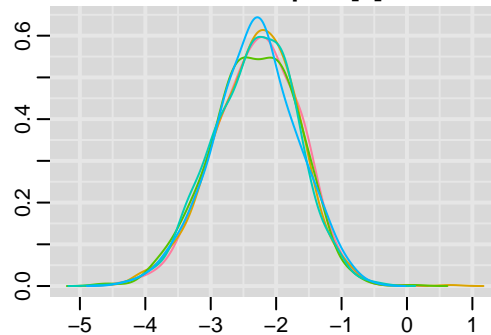
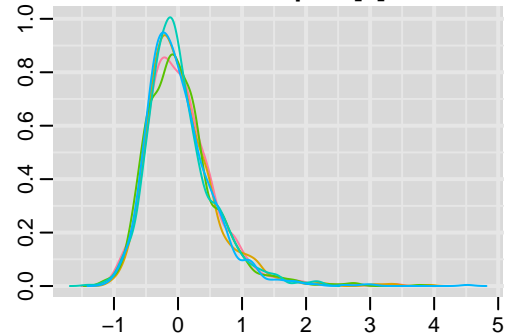
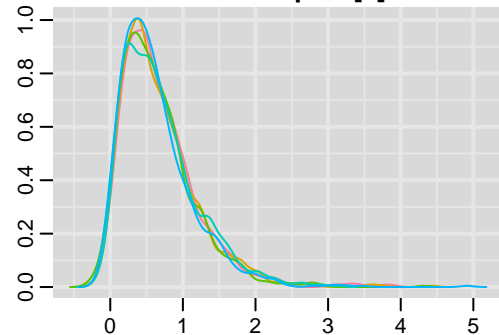
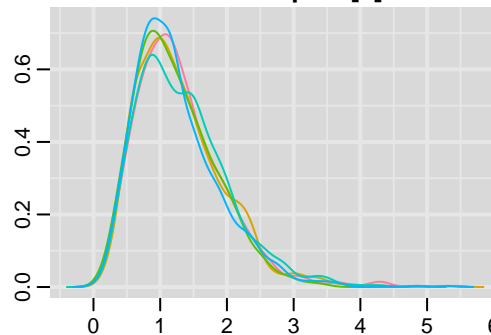
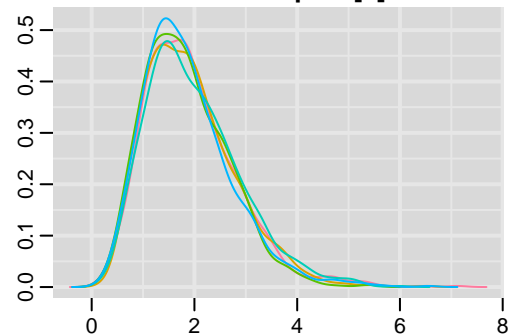
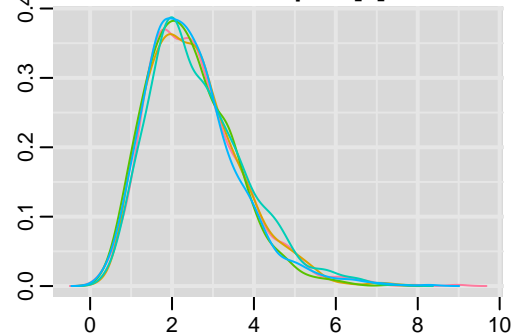




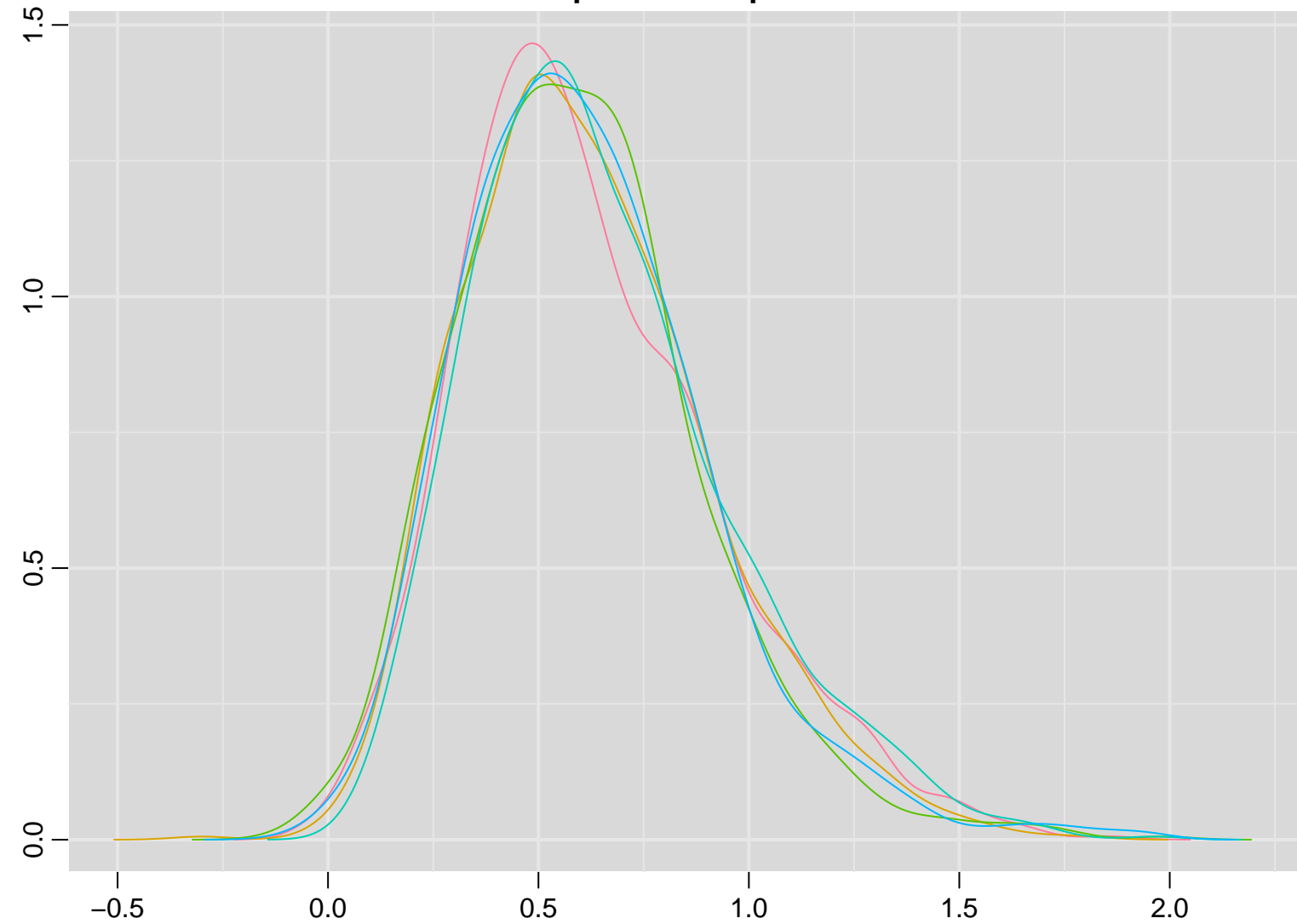


mat.param

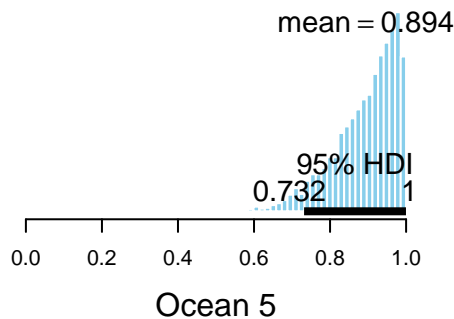
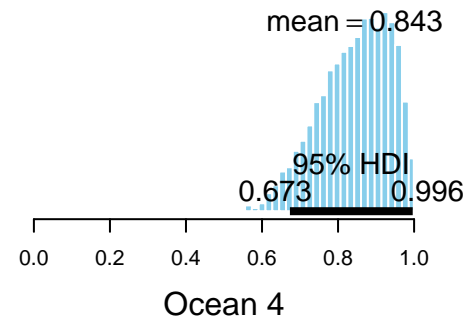
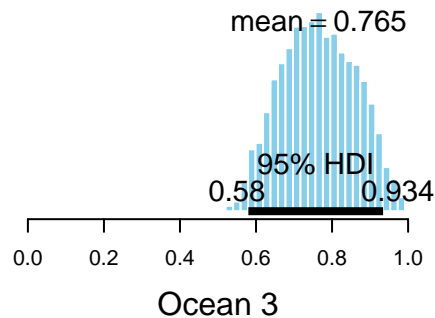
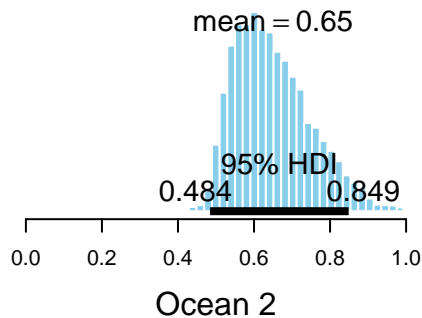
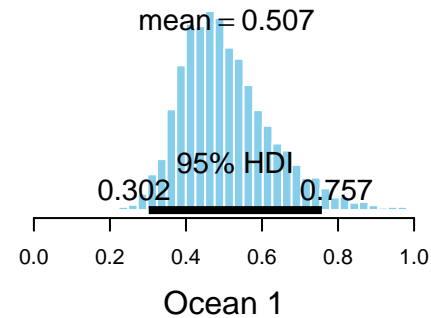
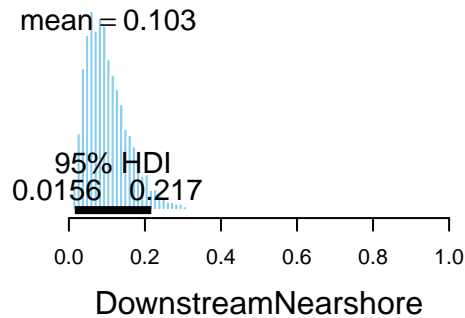
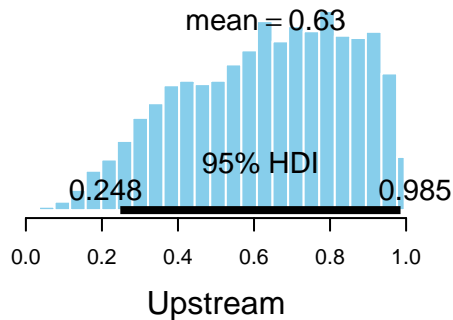


beta.zero.prod[1]**beta.zero.prod[2]****beta.zero.prod[3]****beta.zero.prod[4]****beta.zero.prod[5]****beta.zero.prod[6]****beta.zero.prod[7]**

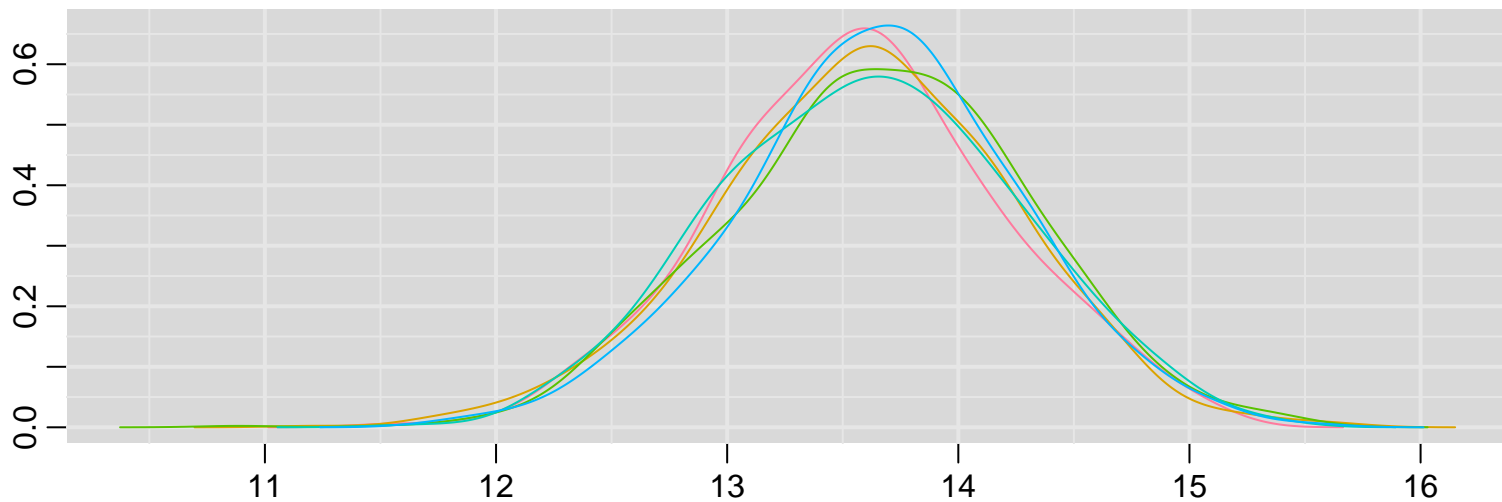
slp.beta.zero.prod



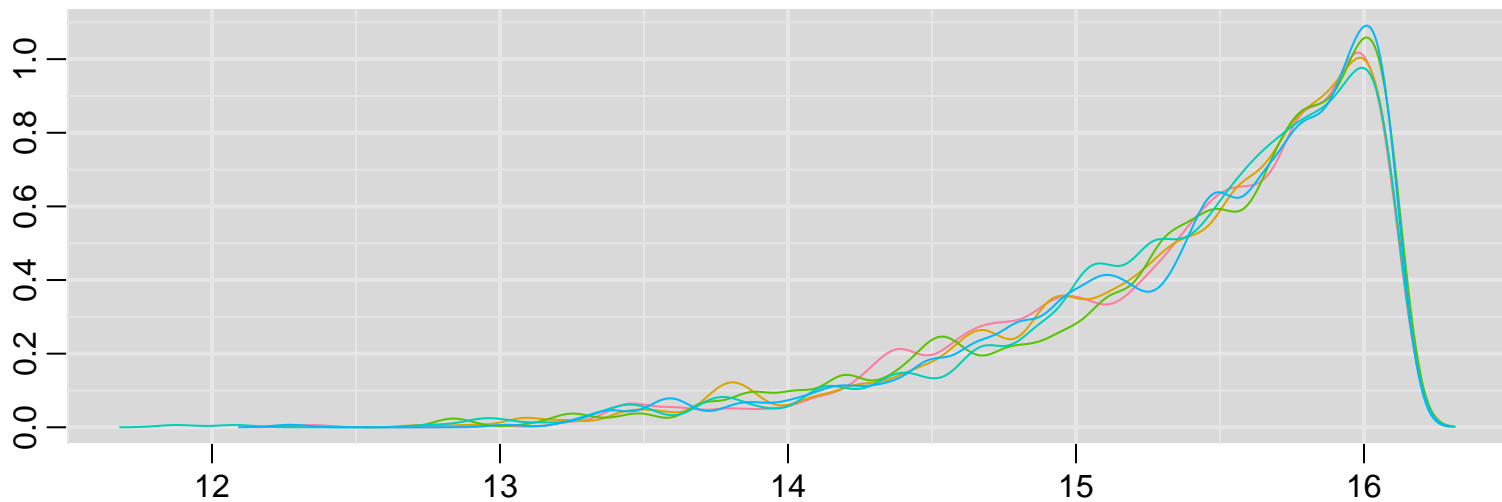
BASELINE SURVIVAL: inv.logit(Beta Zero Prod)



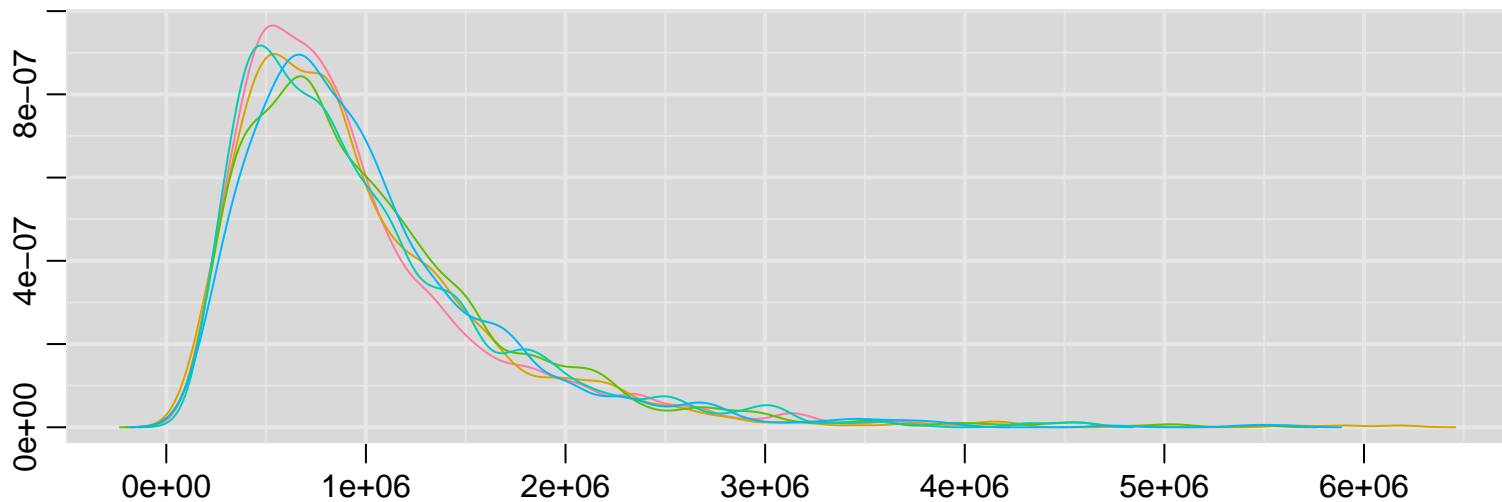
beta.zero.cap[1]



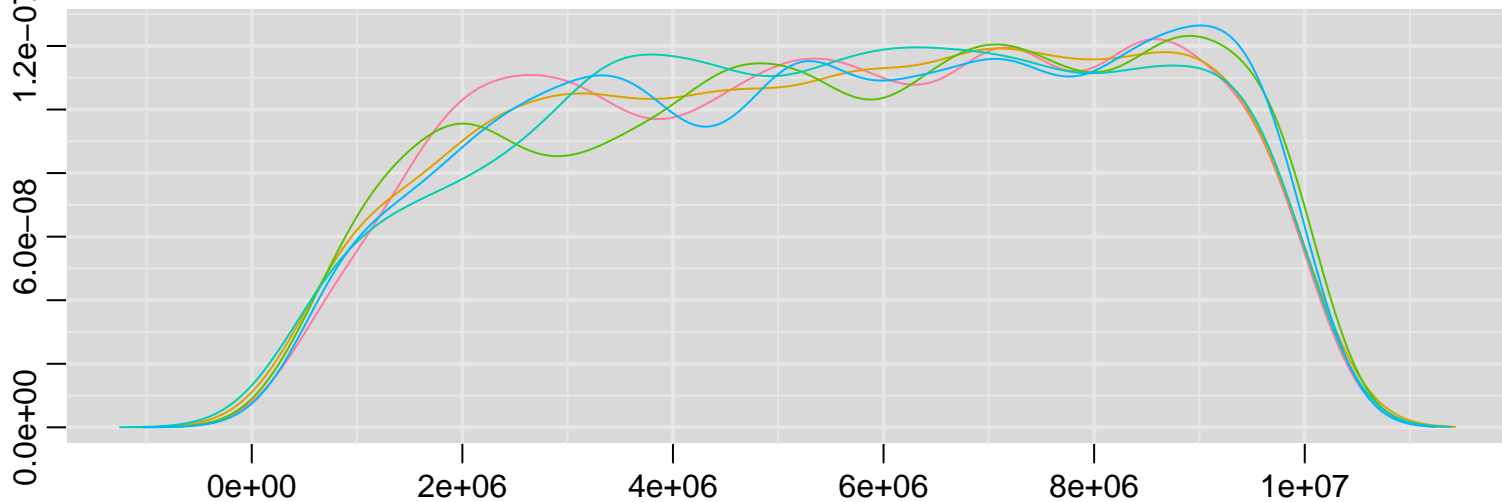
beta.zero.cap[2]



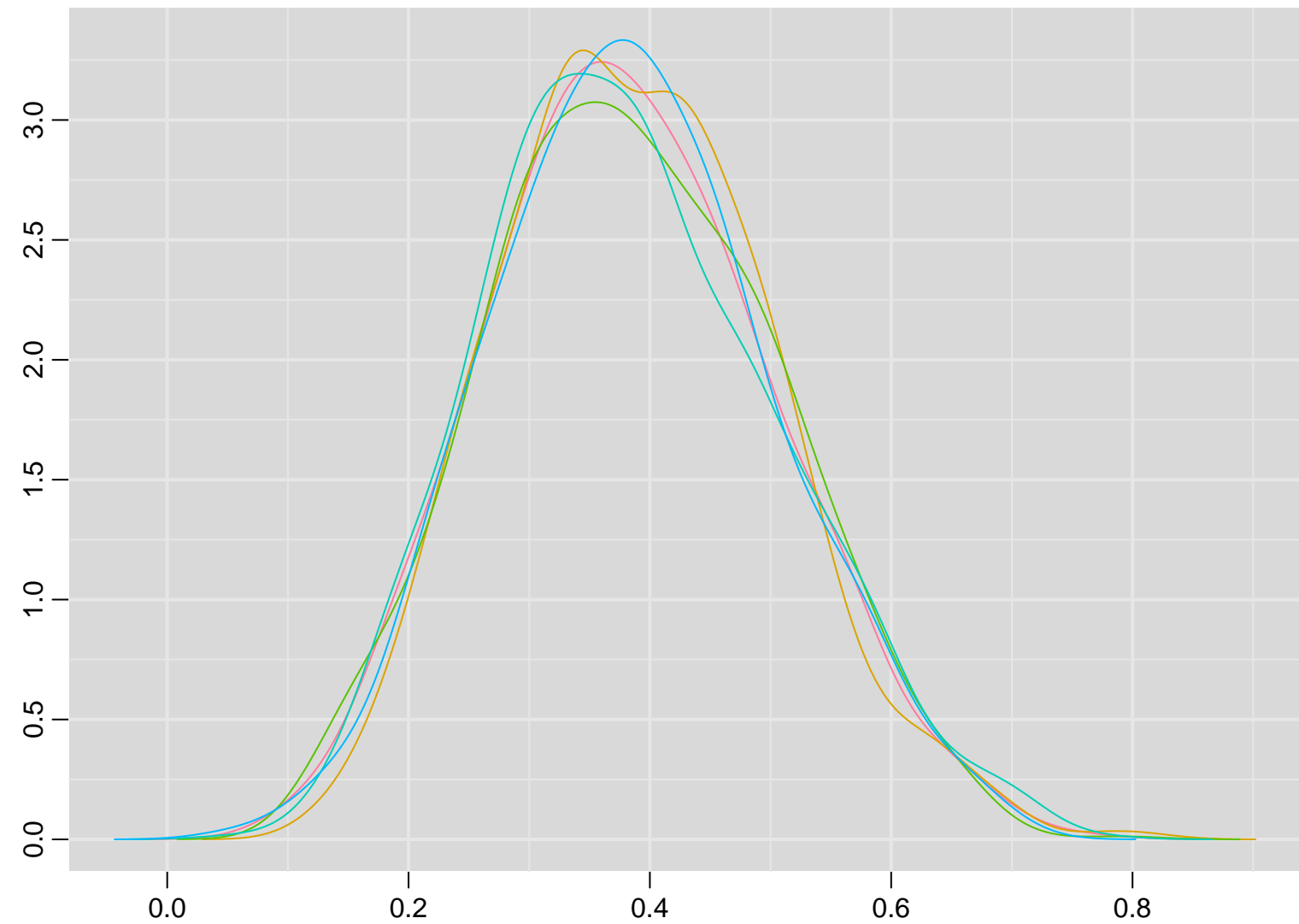
exp.beta.zero.cap[1]



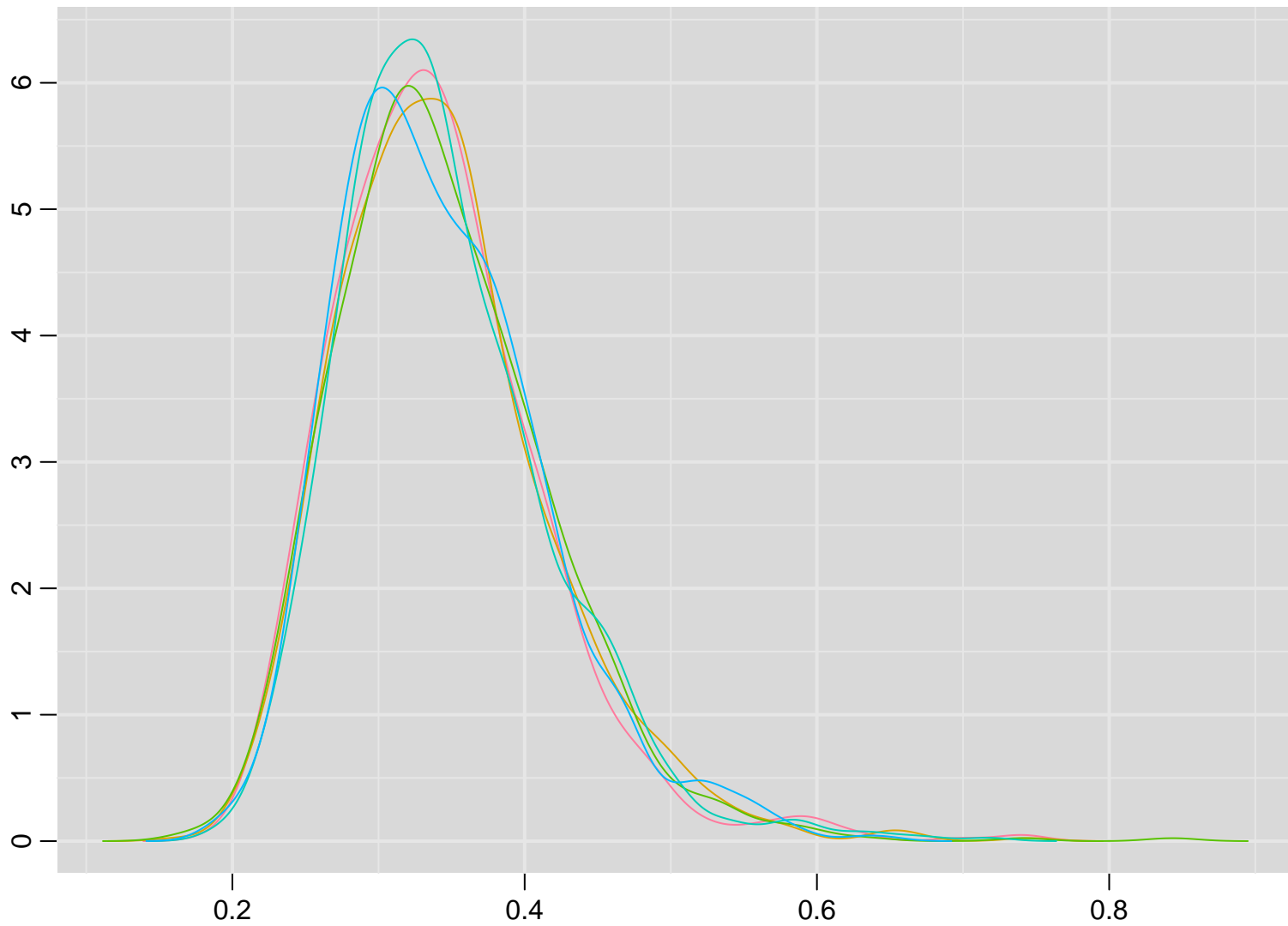
exp.beta.zero.cap[2]



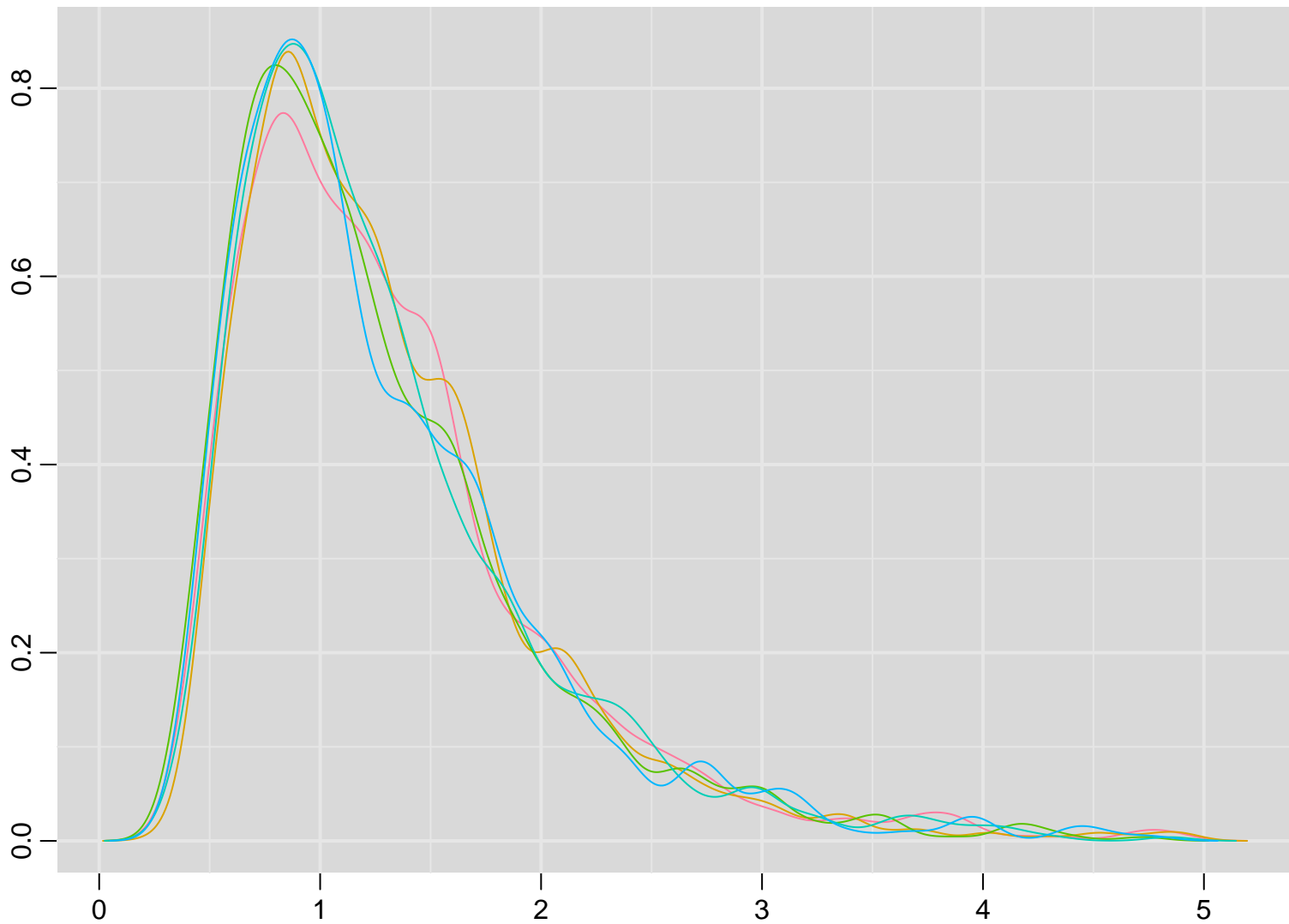
pind



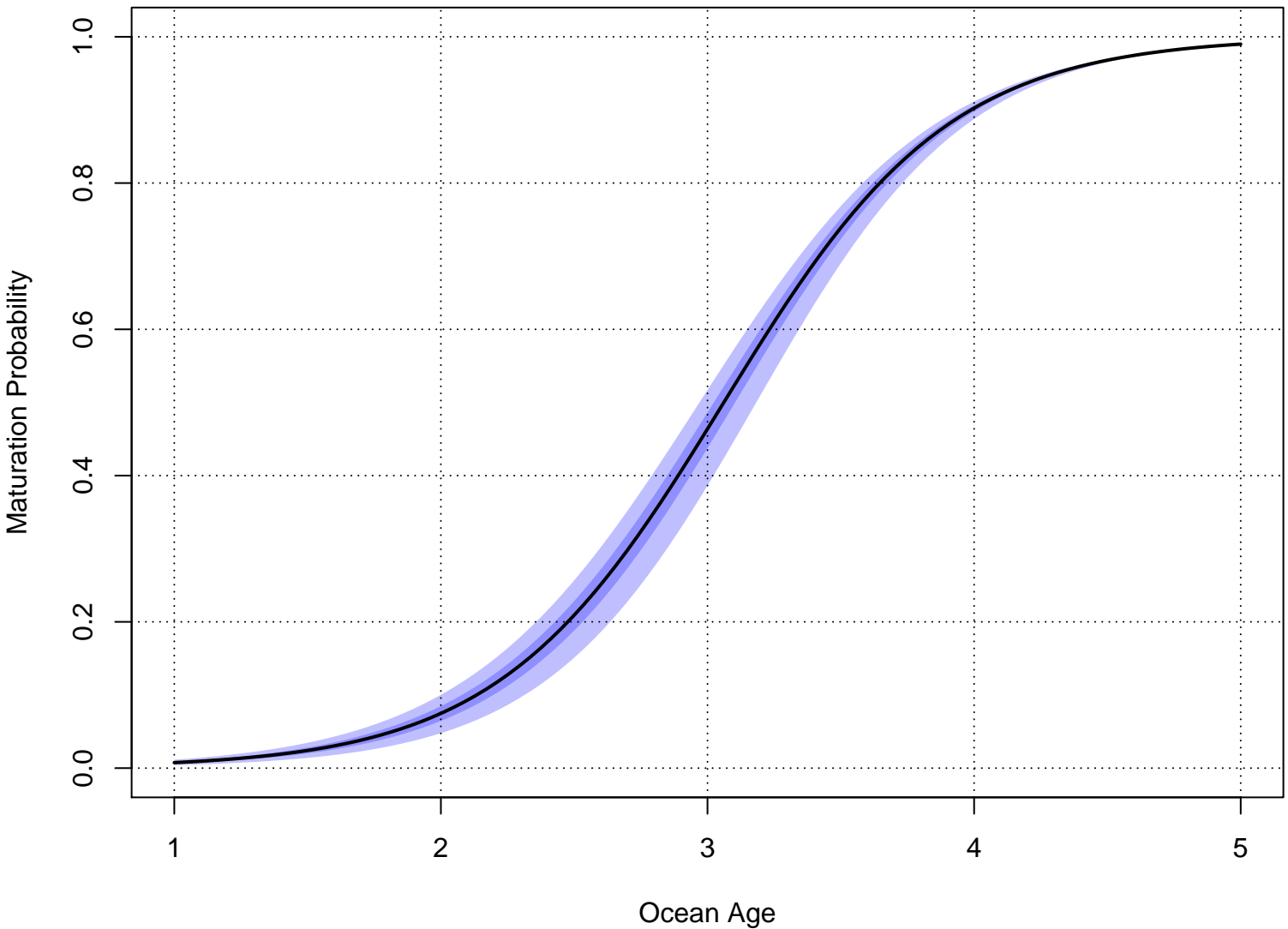
sigma.spawn



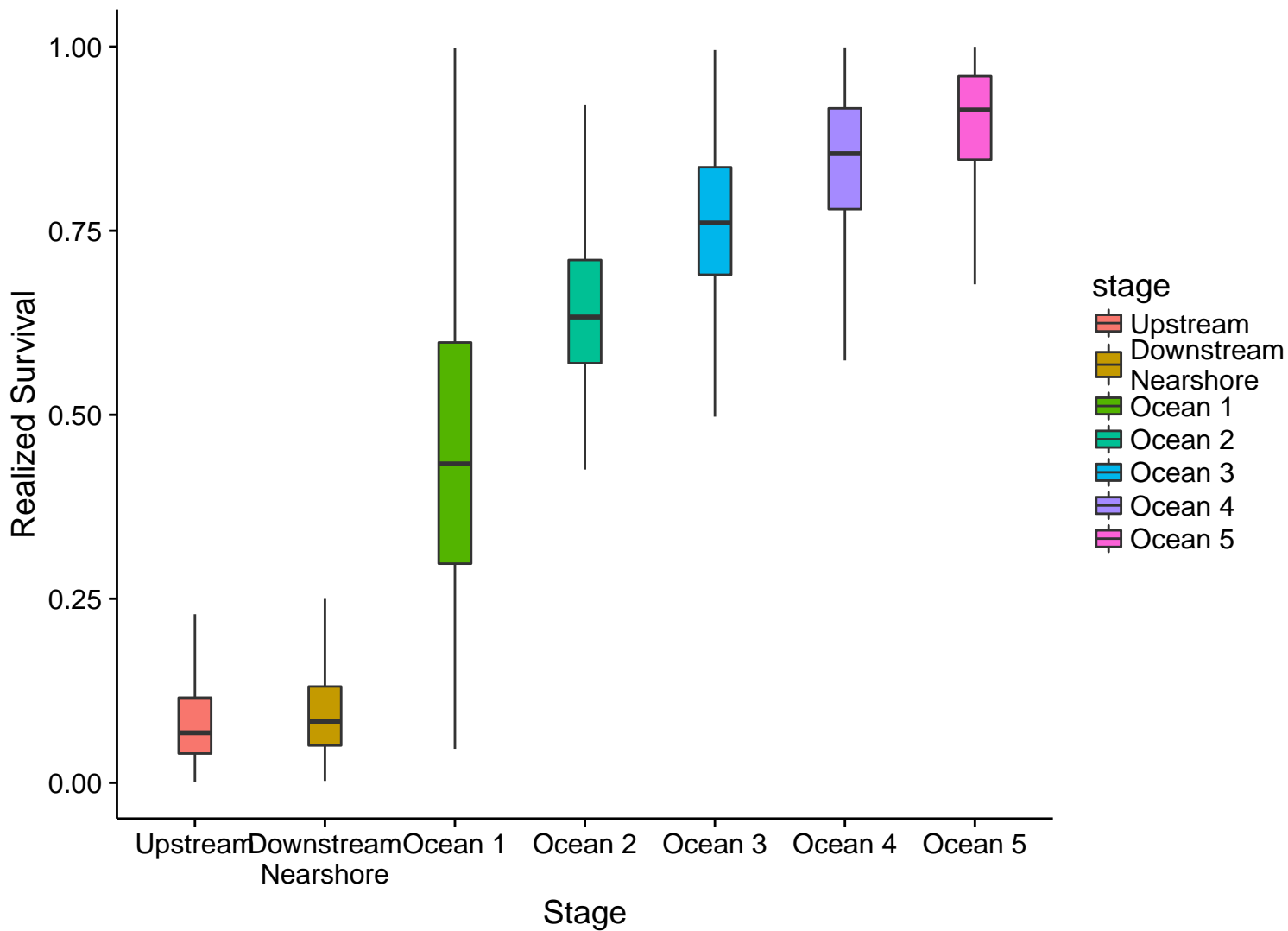
sigma.juvi



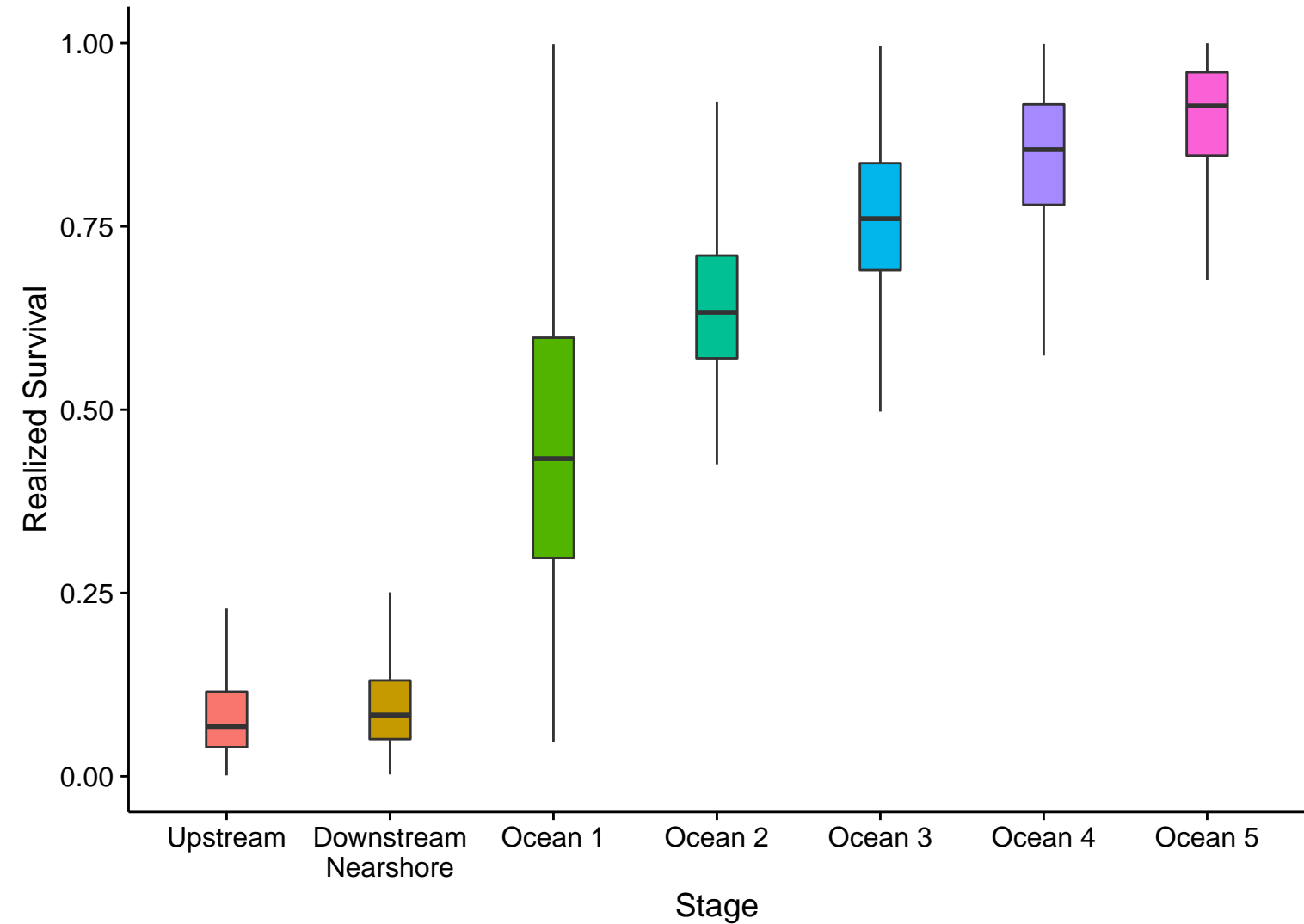
chena



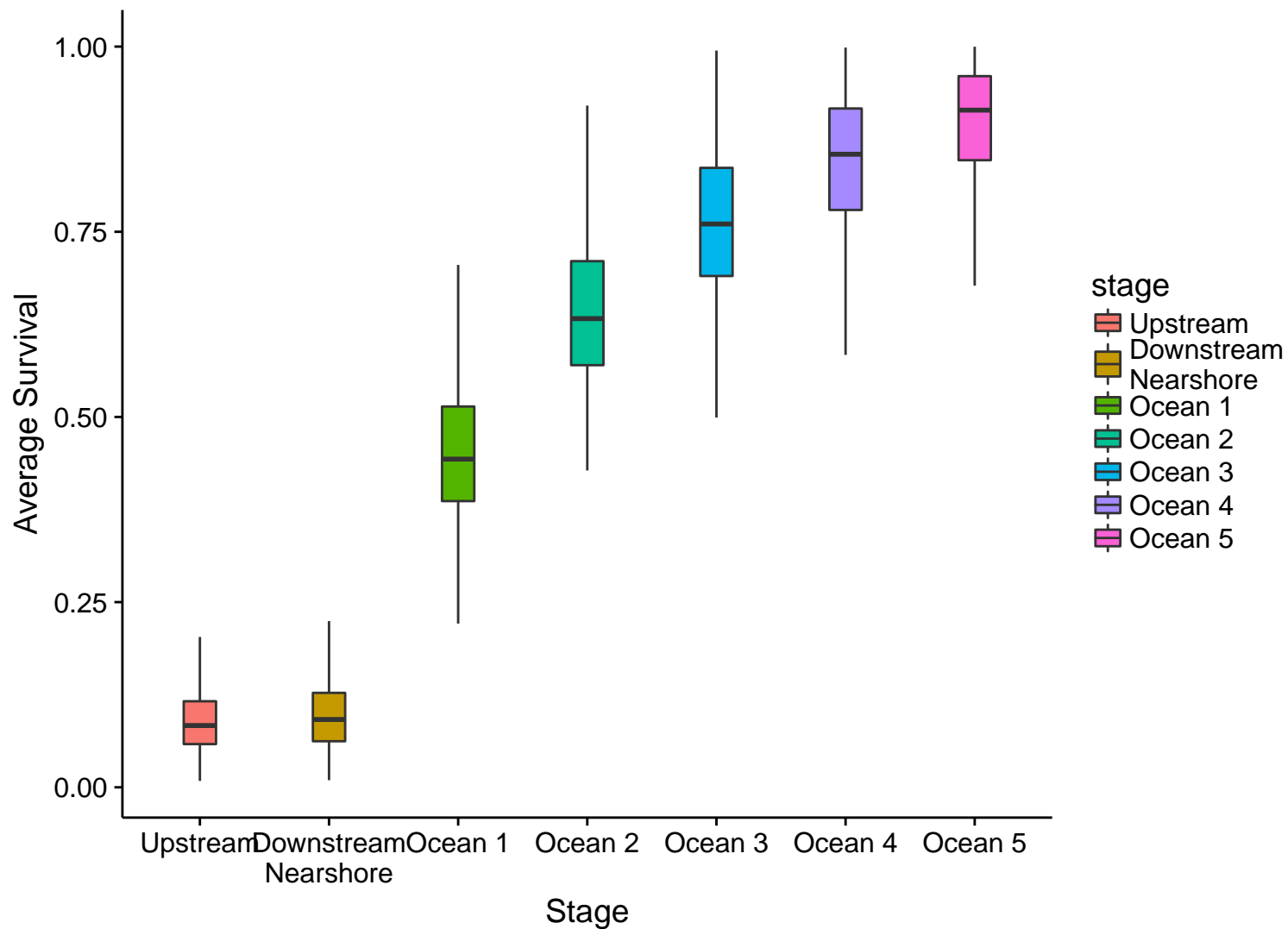
Chena River



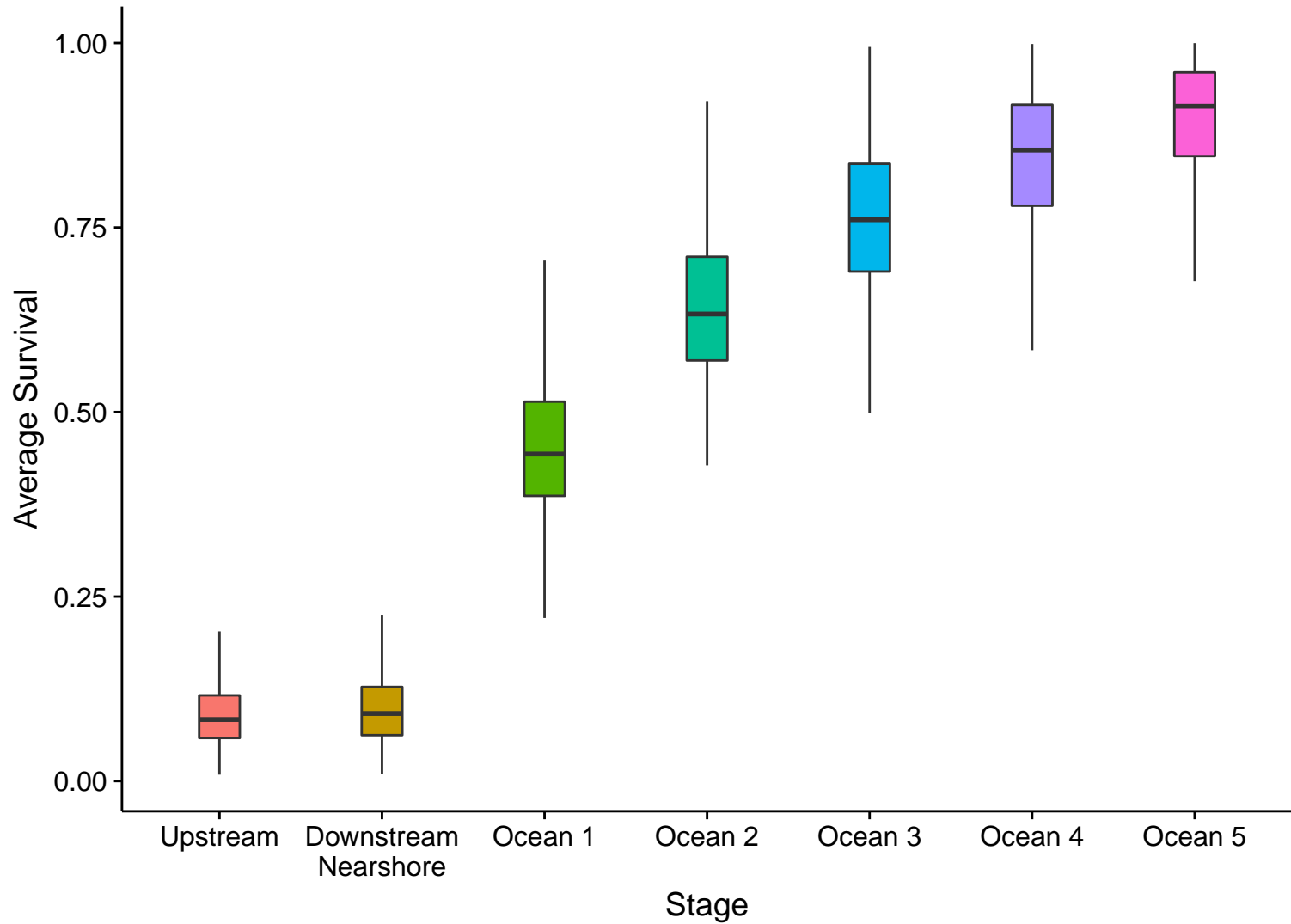
Chena River



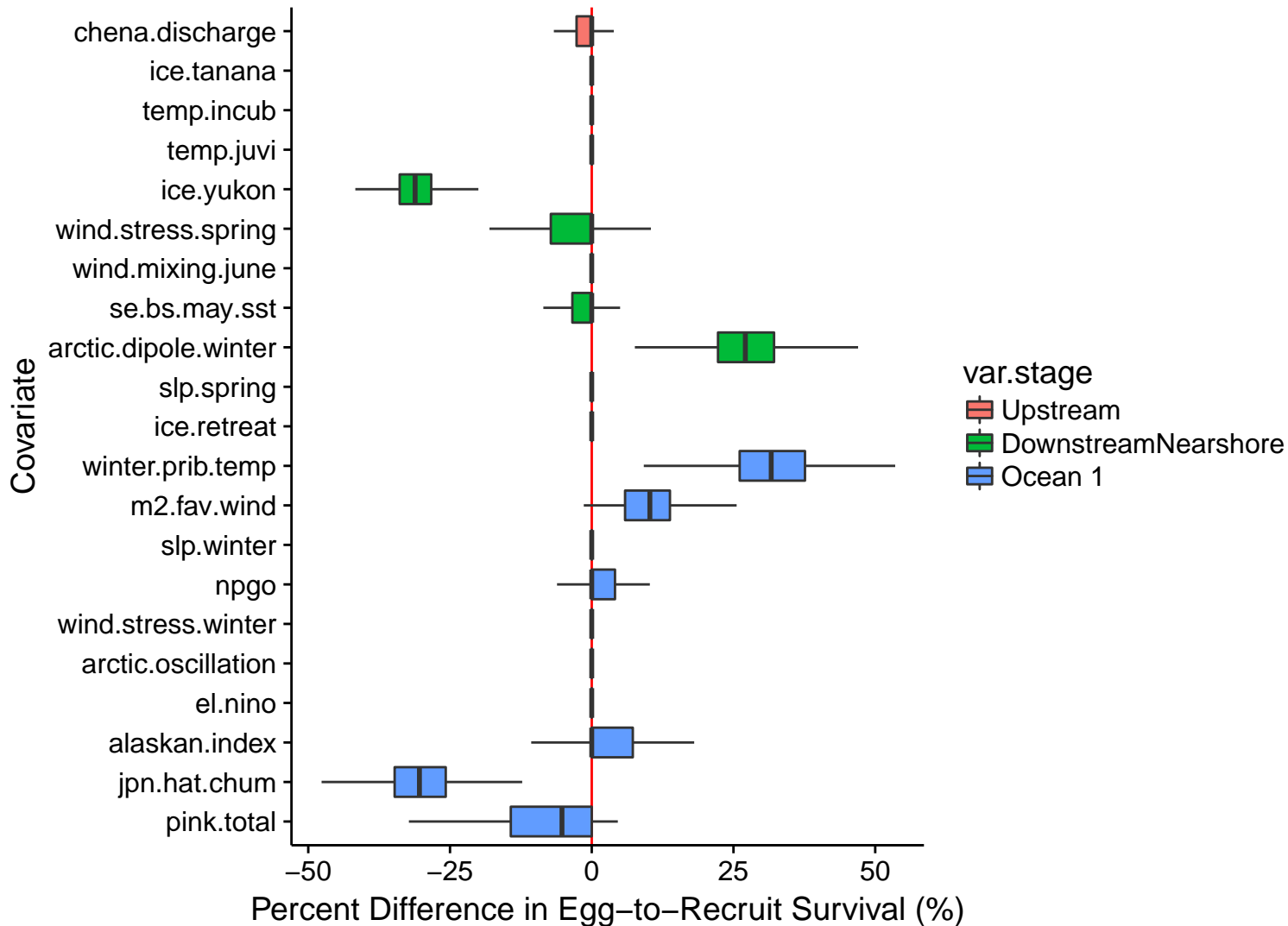
Chena River



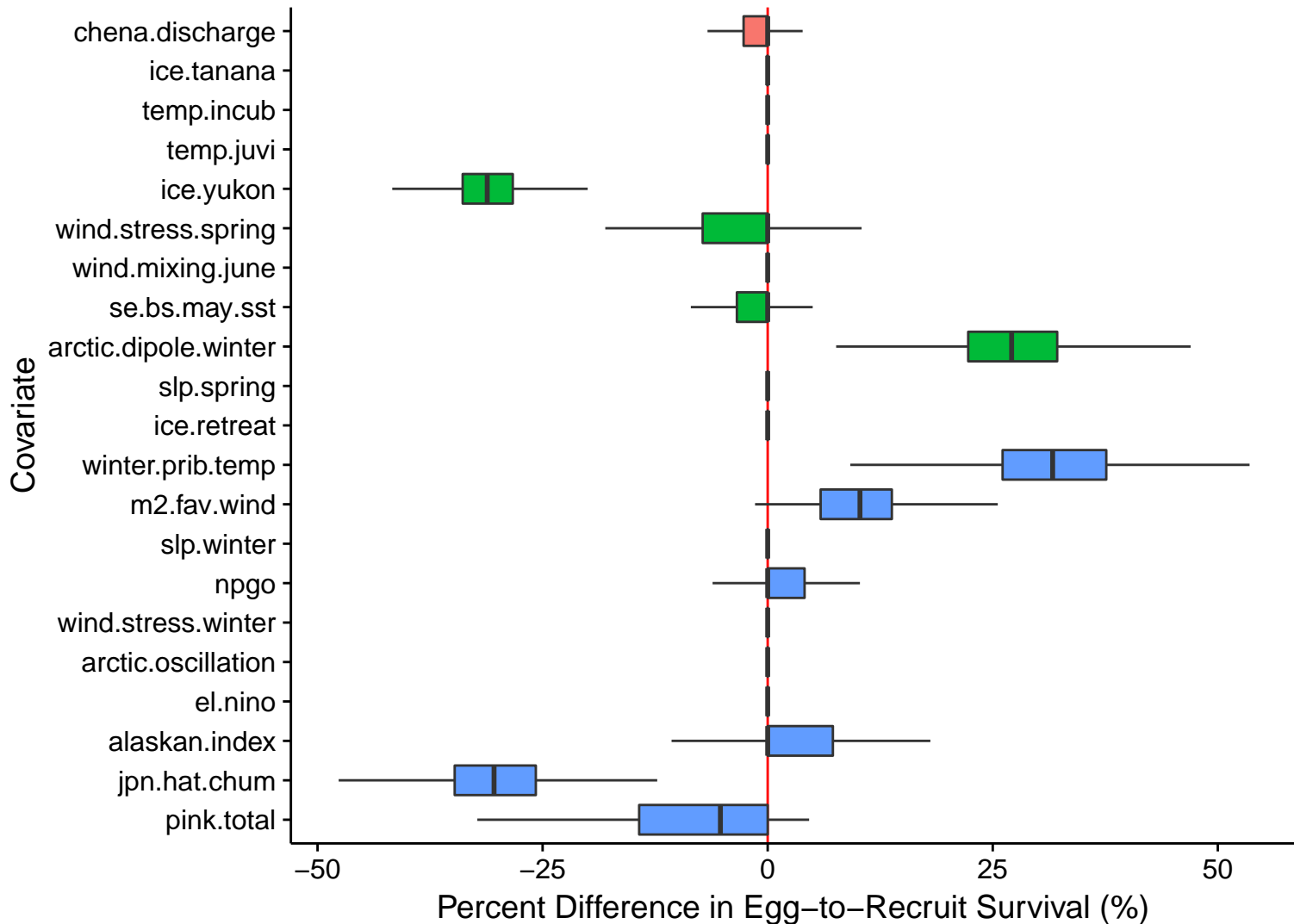
Chena River



Chena River

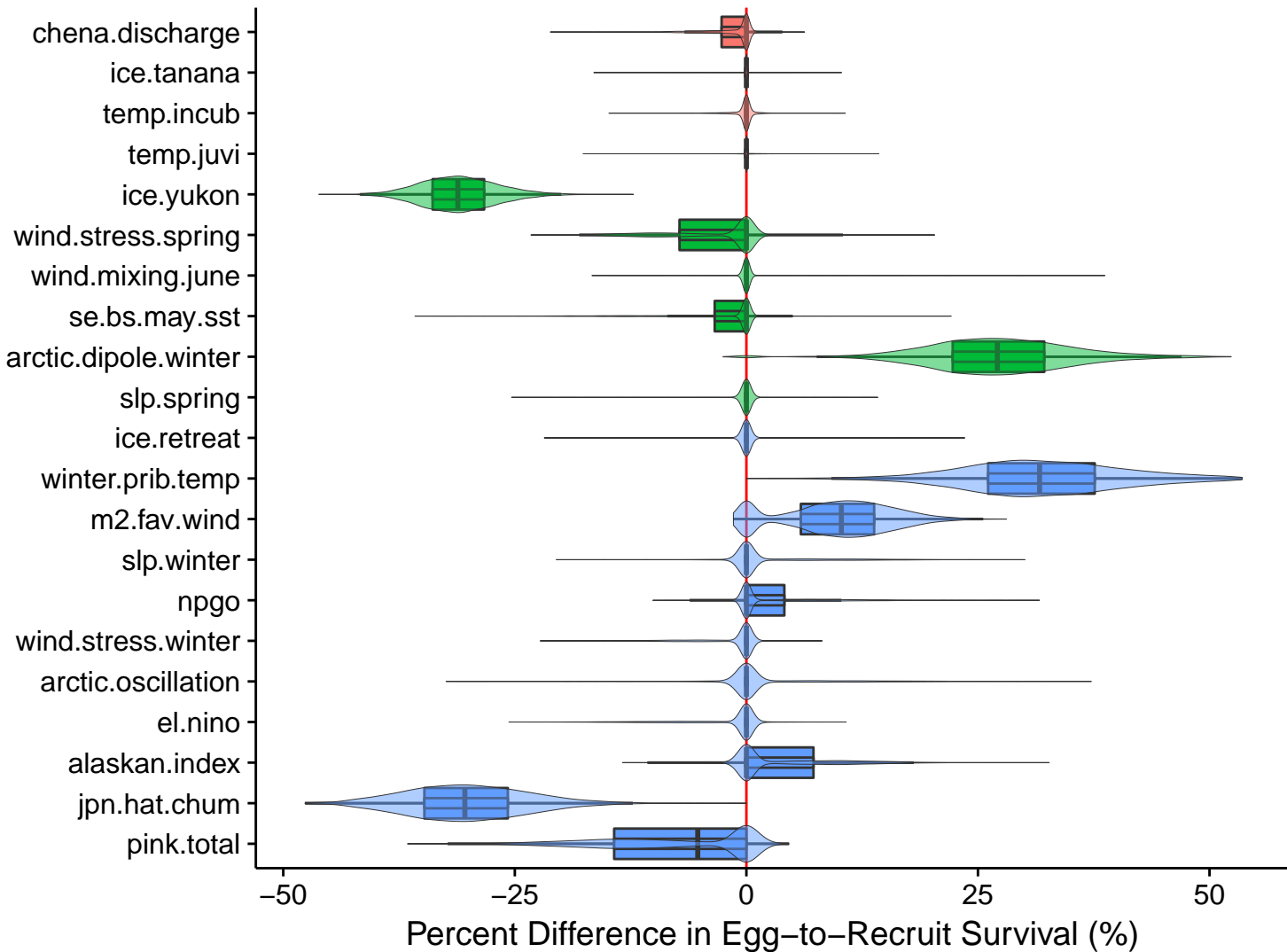


Chena River

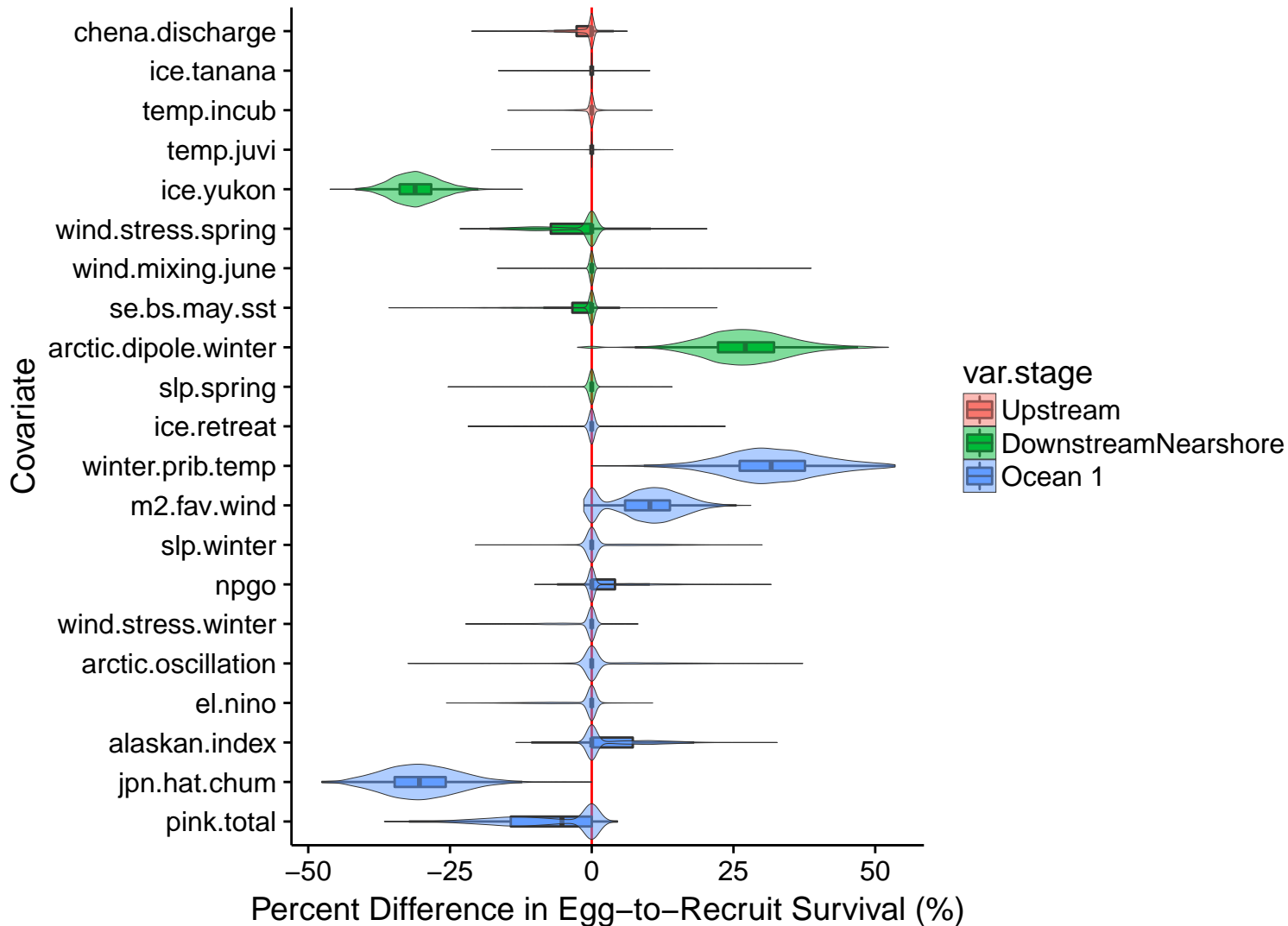


Chena River

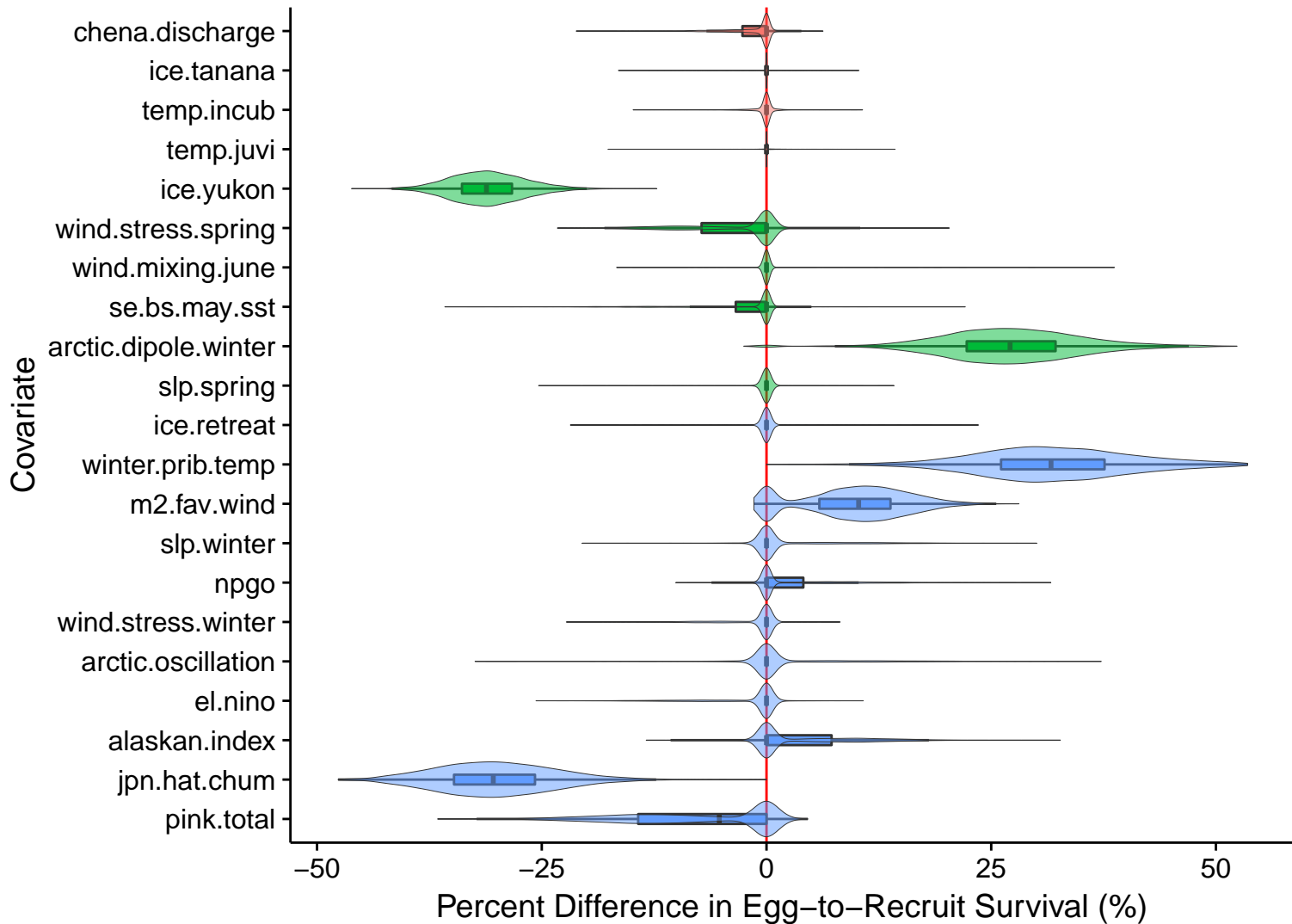
Covariate



Chena River

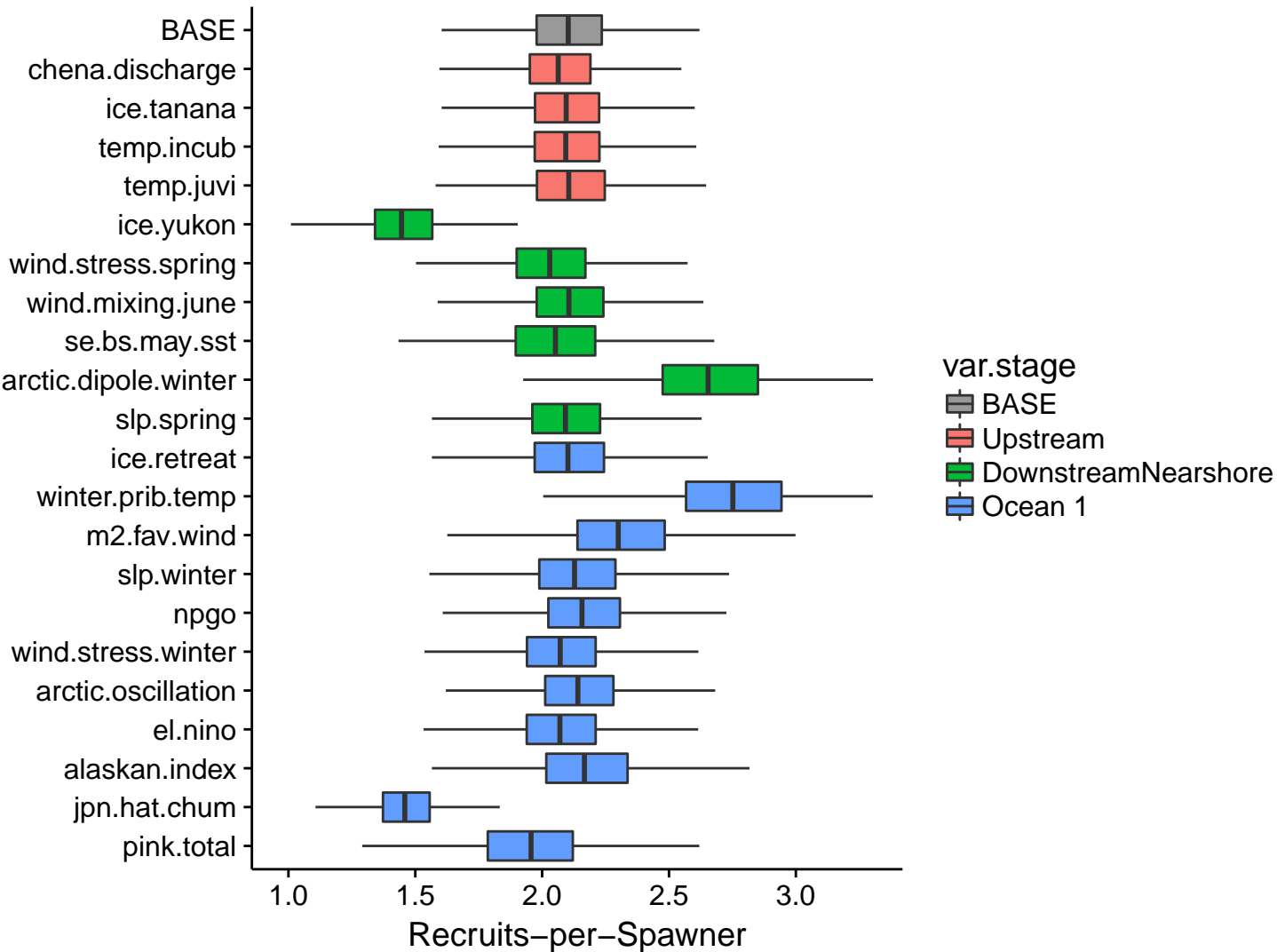


Chena River



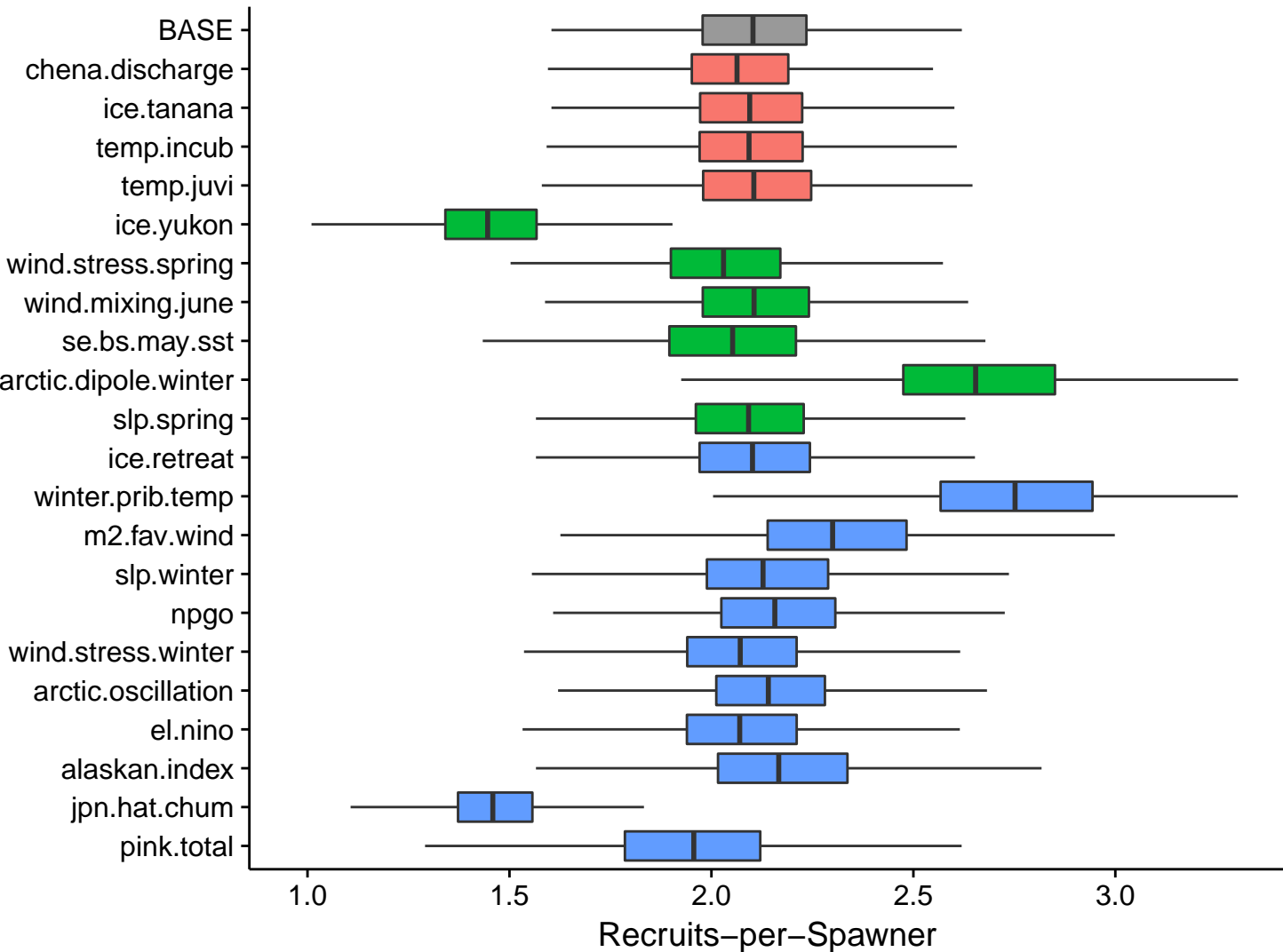
Chena River

Covariate



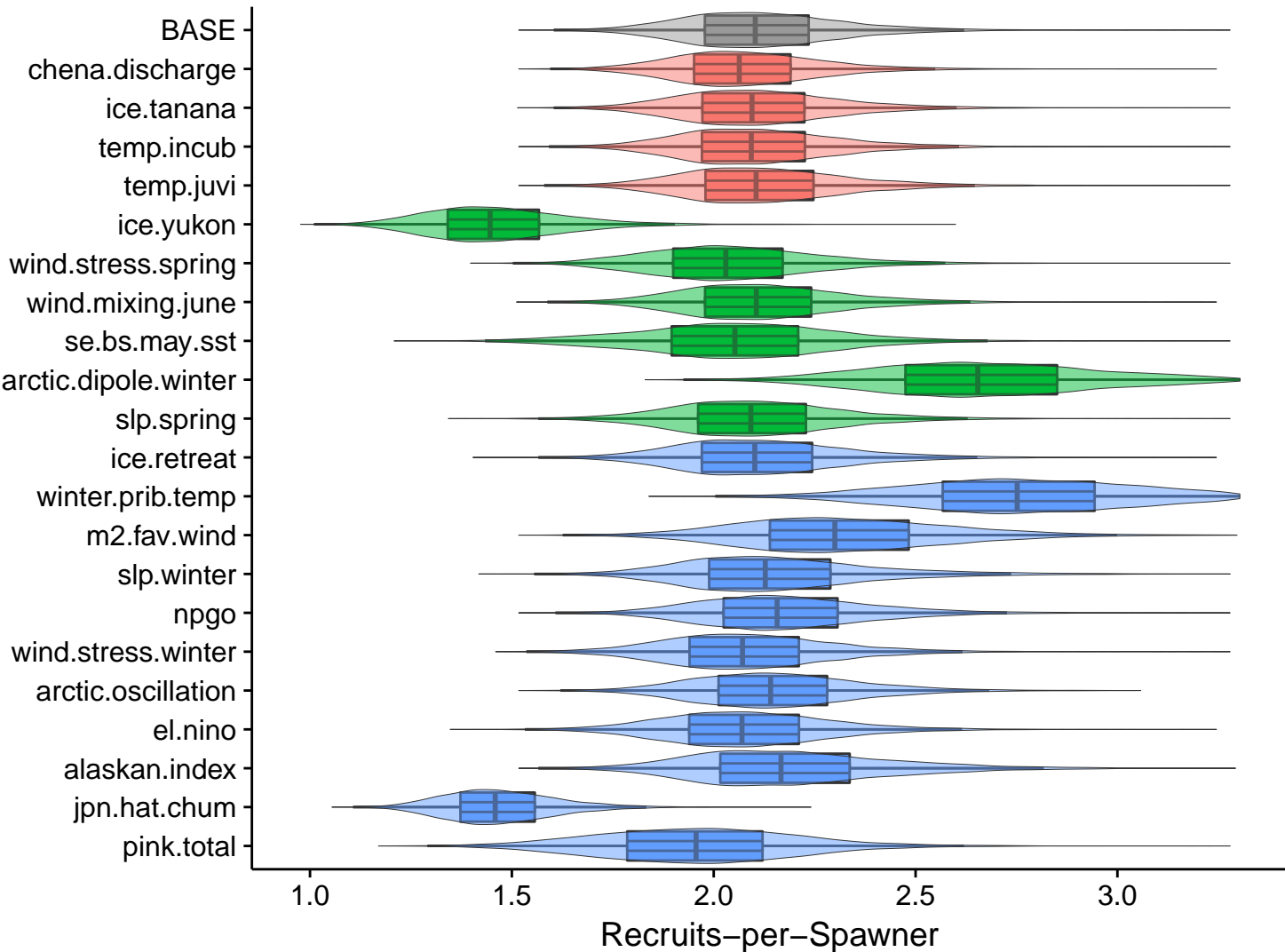
Chena River

Covariate

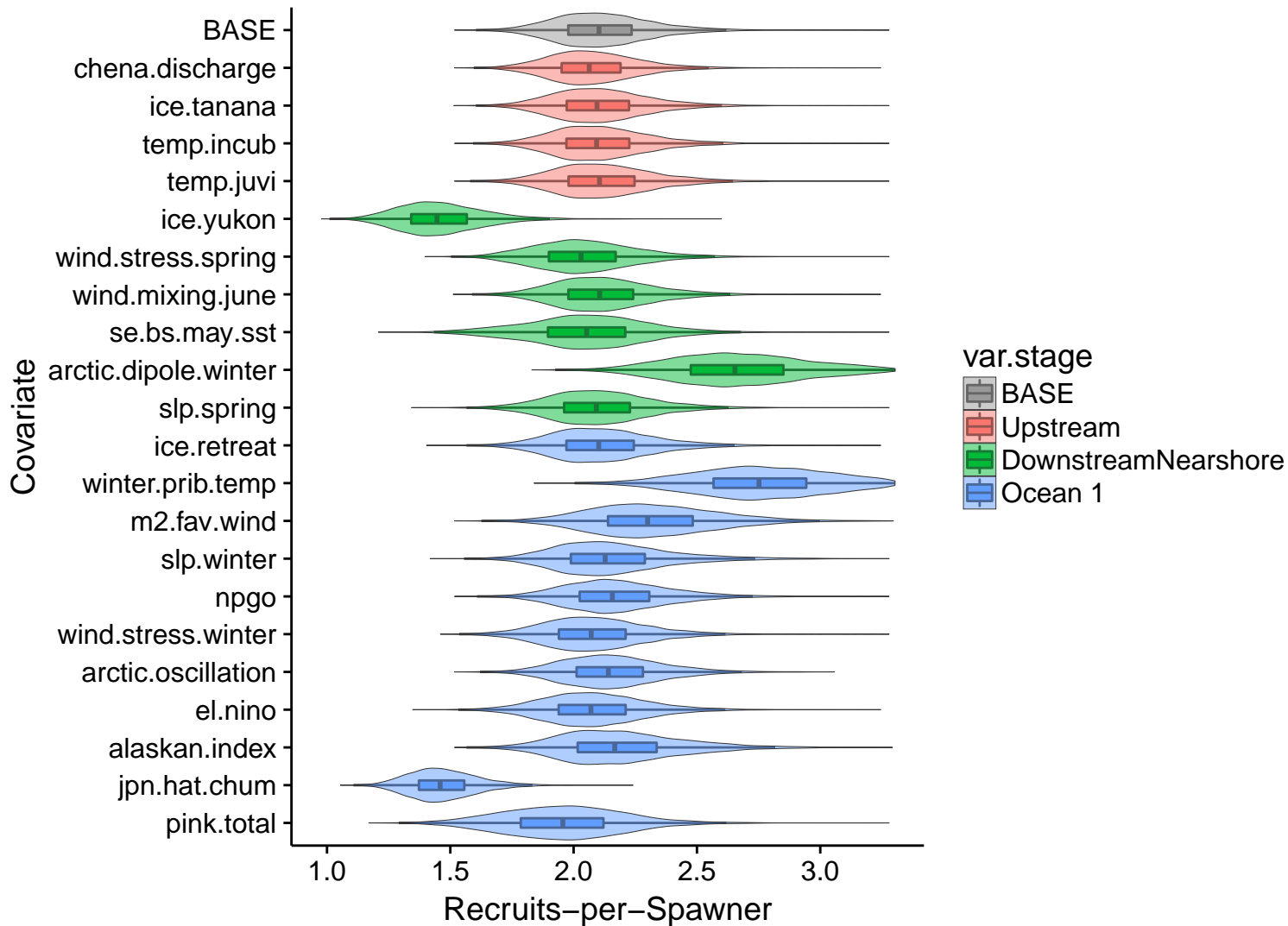


Chena River

Covariate

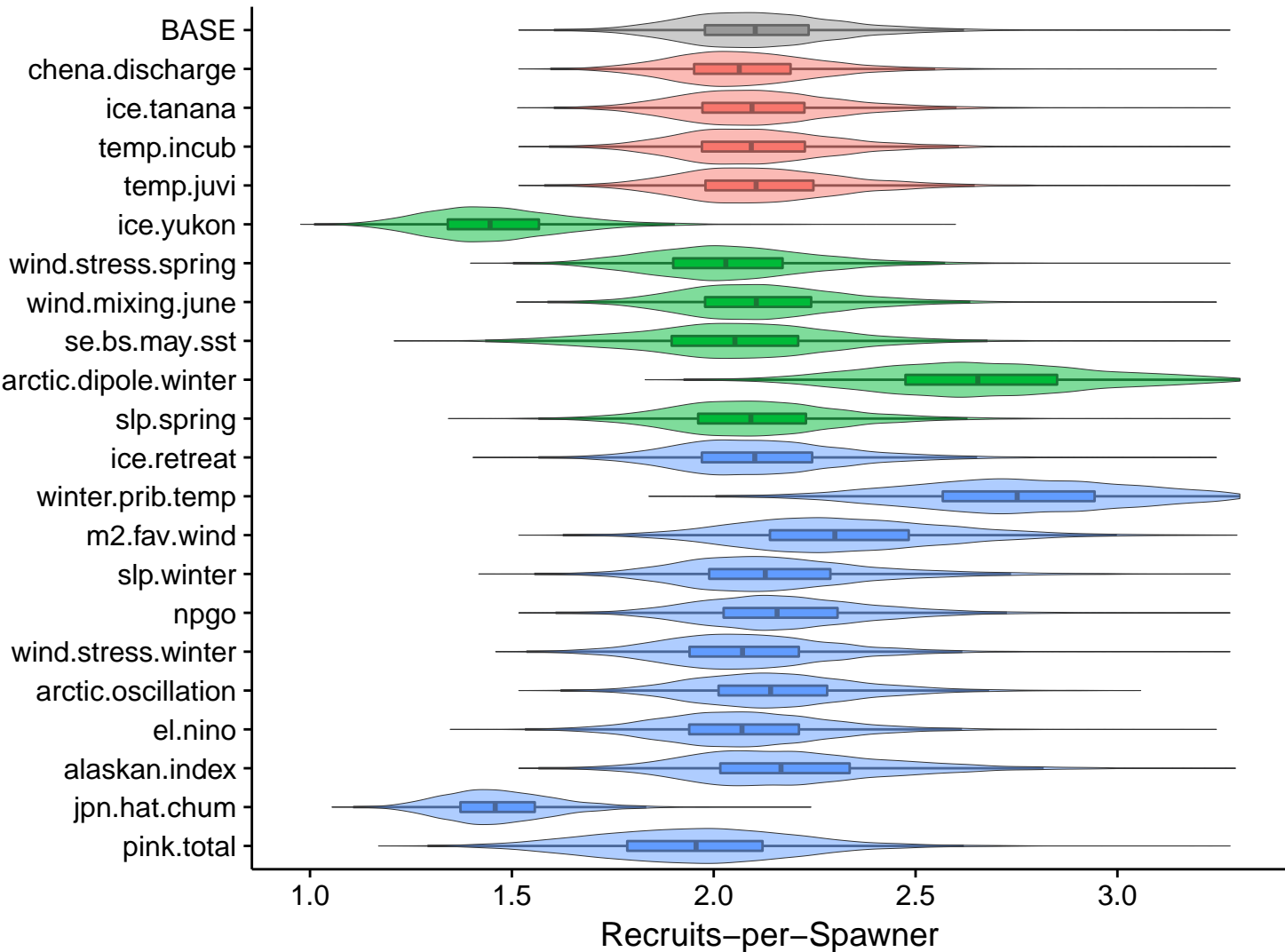


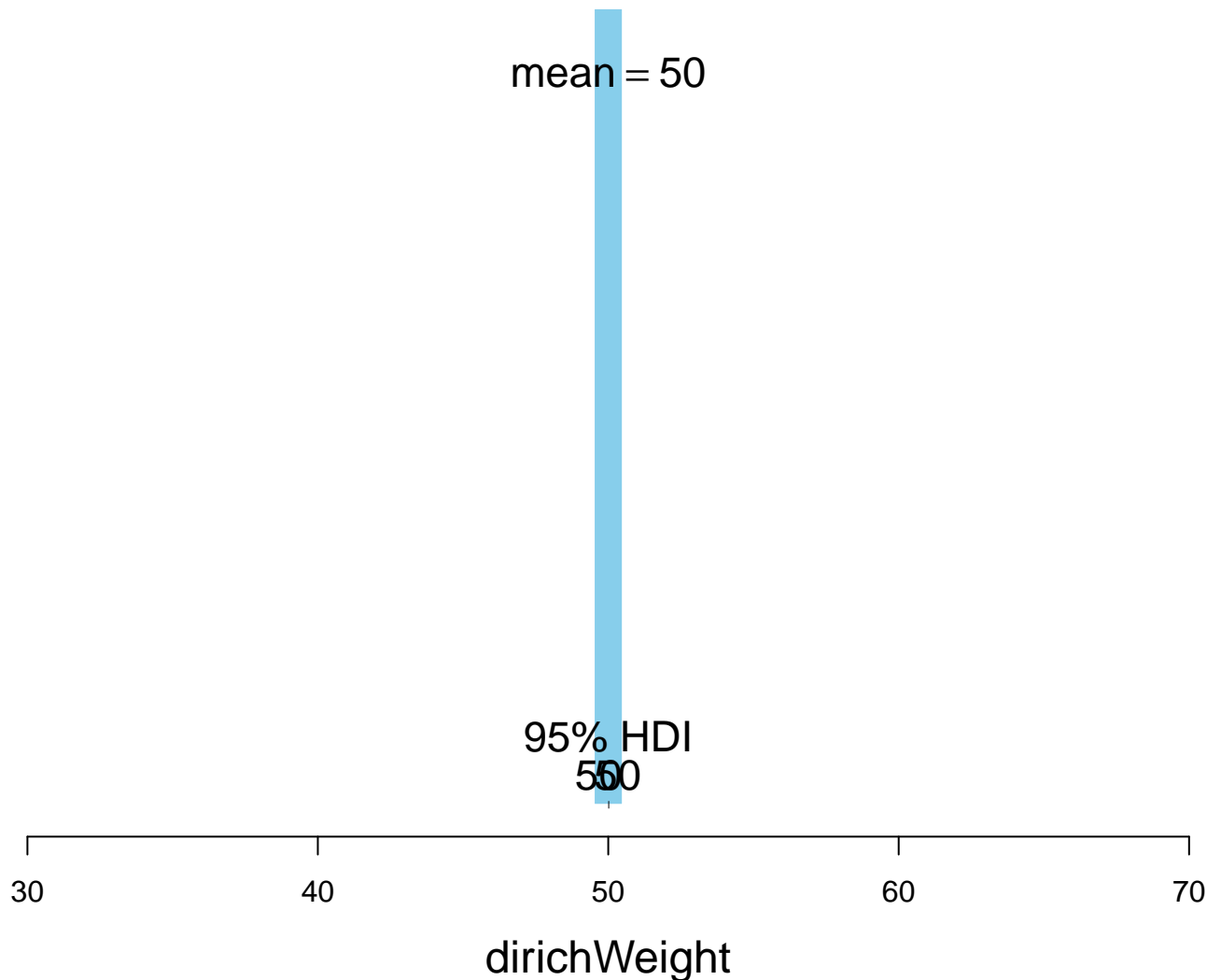
Chena River

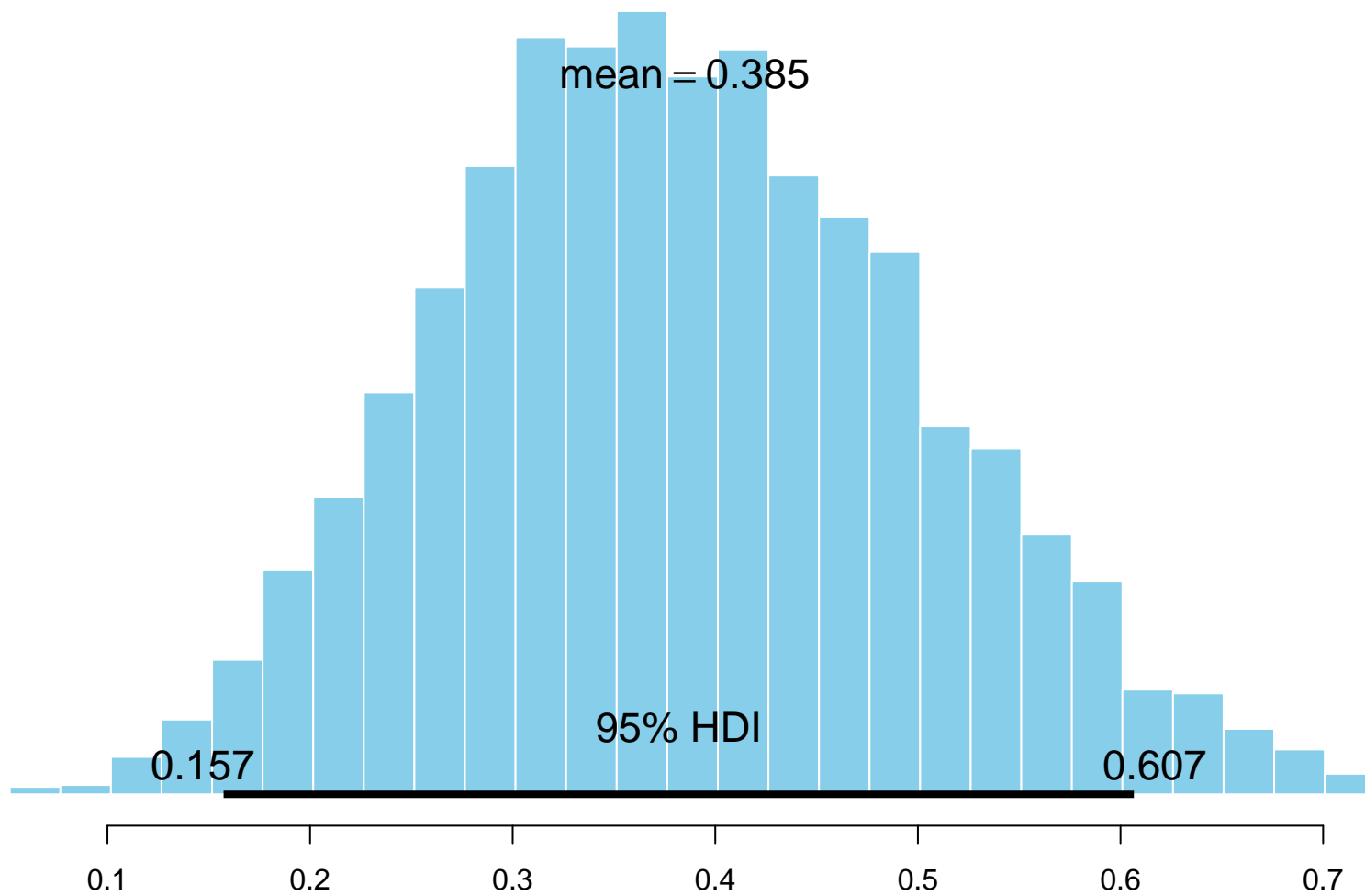


Chena River

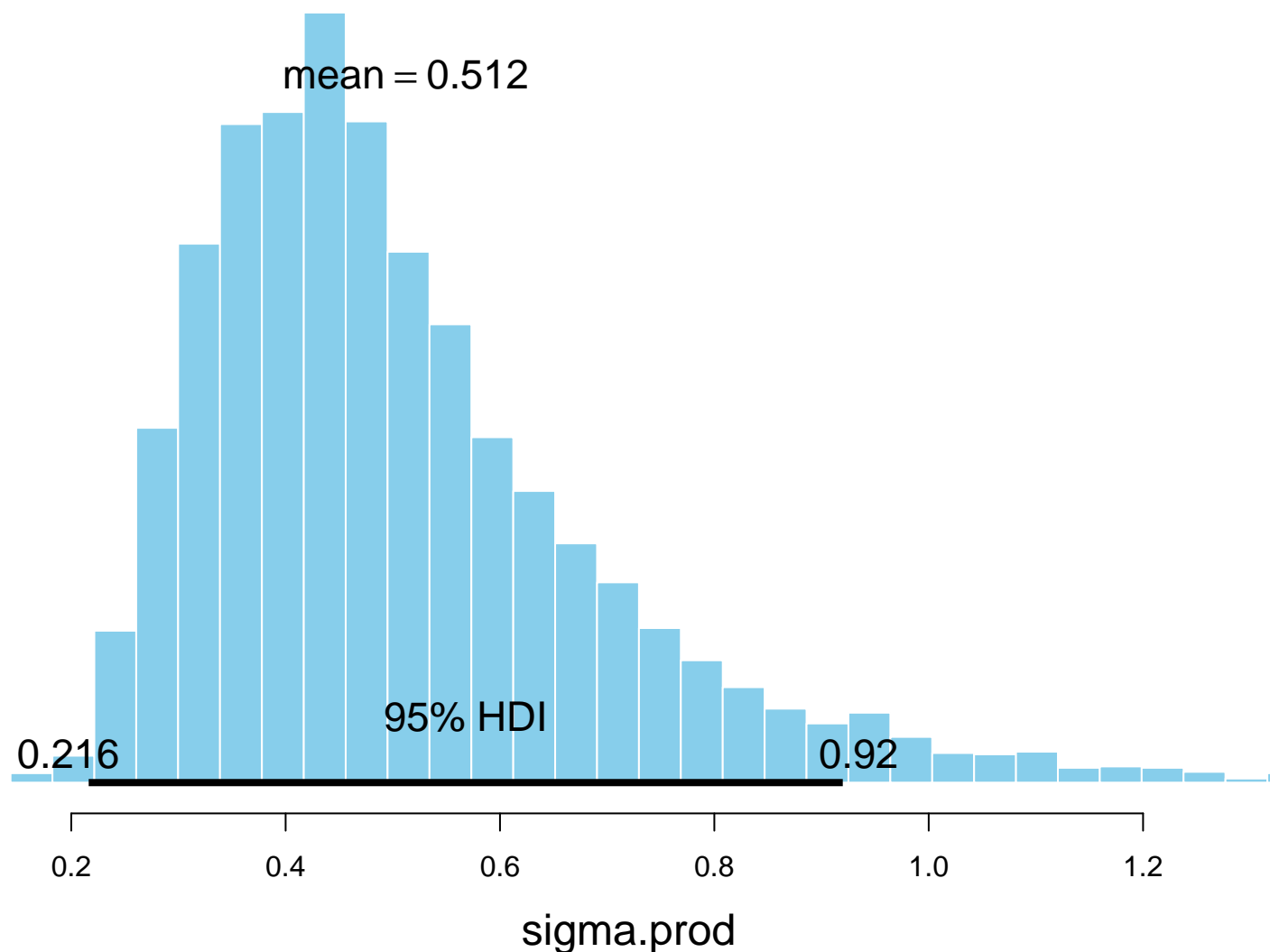
Covariate

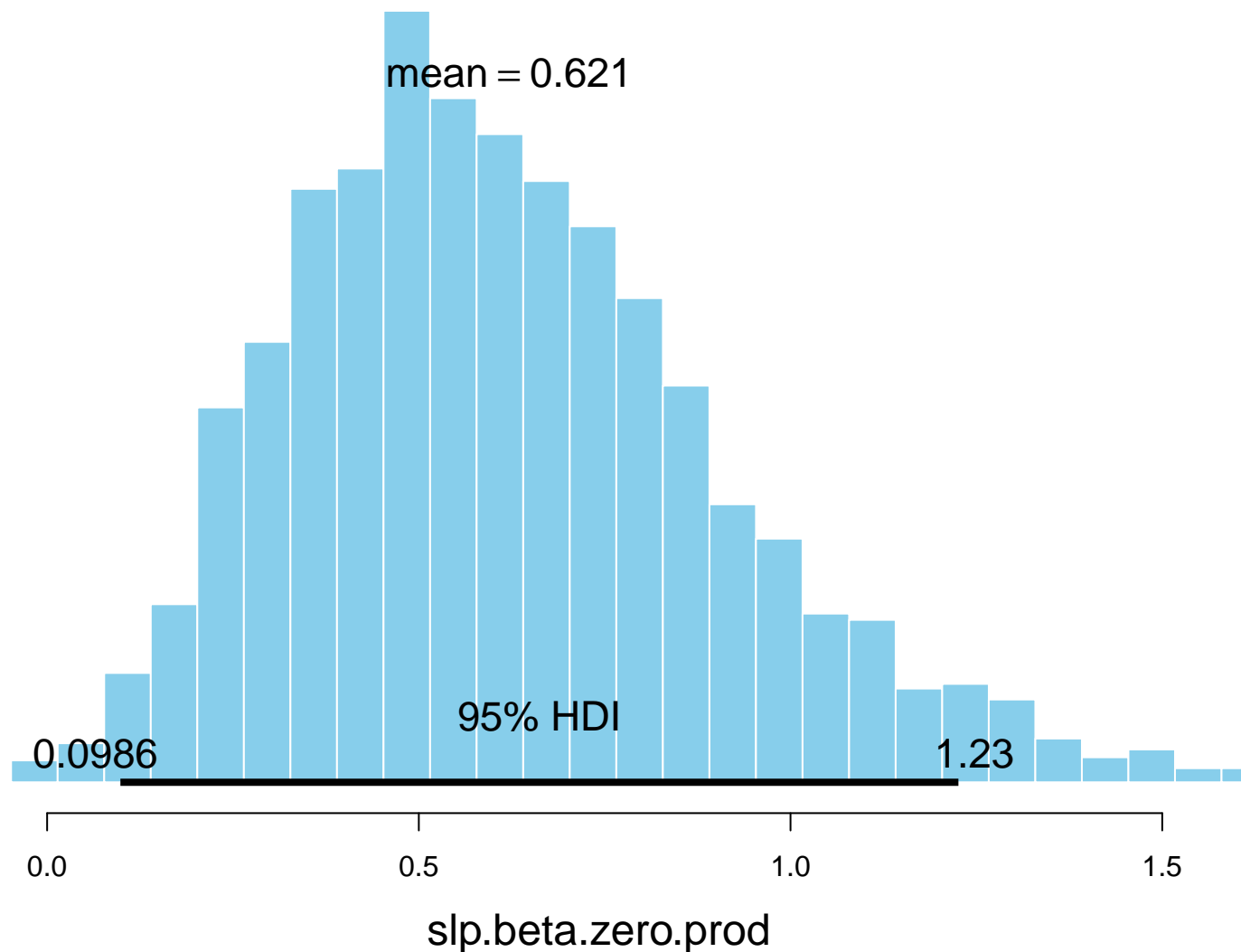


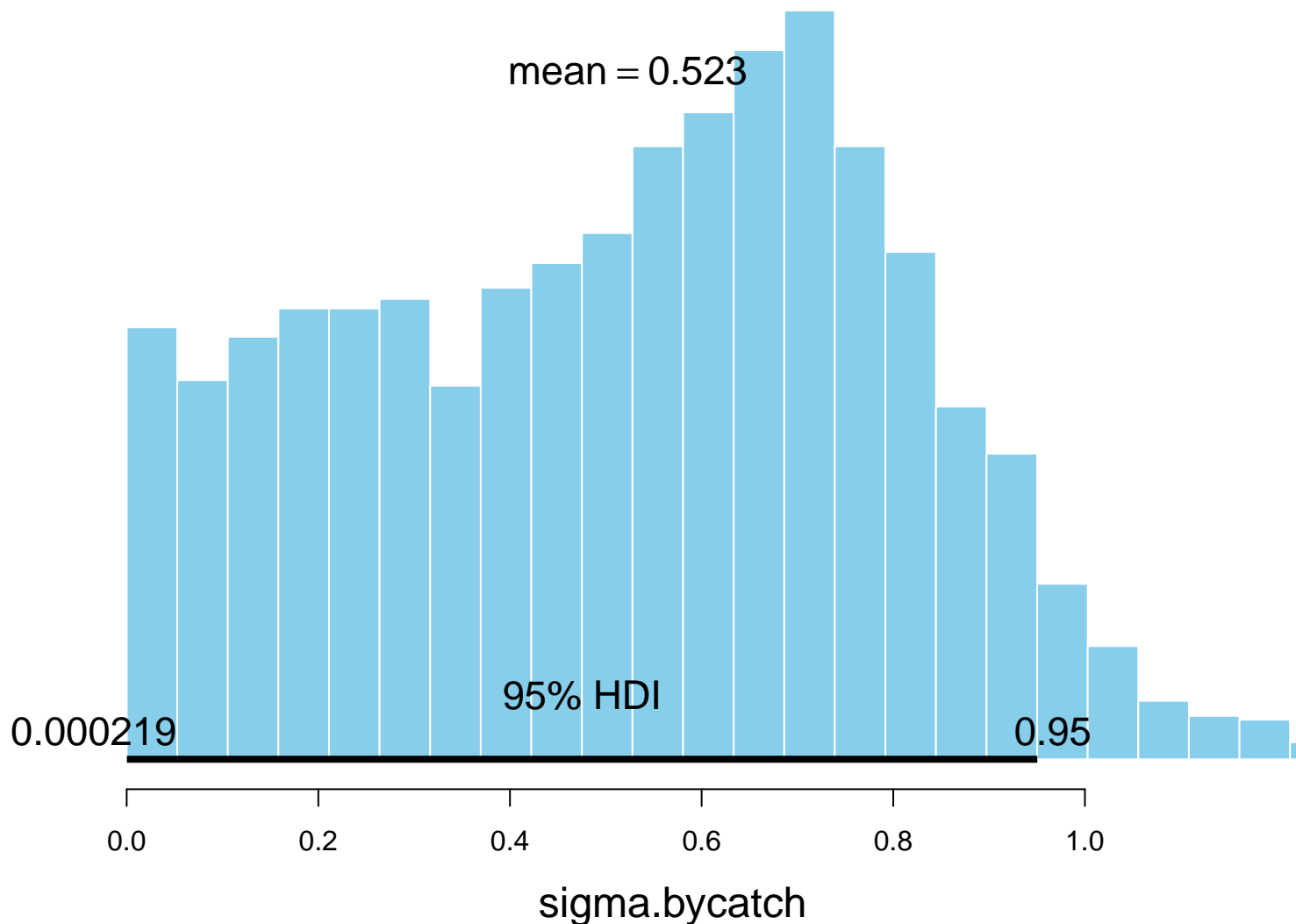


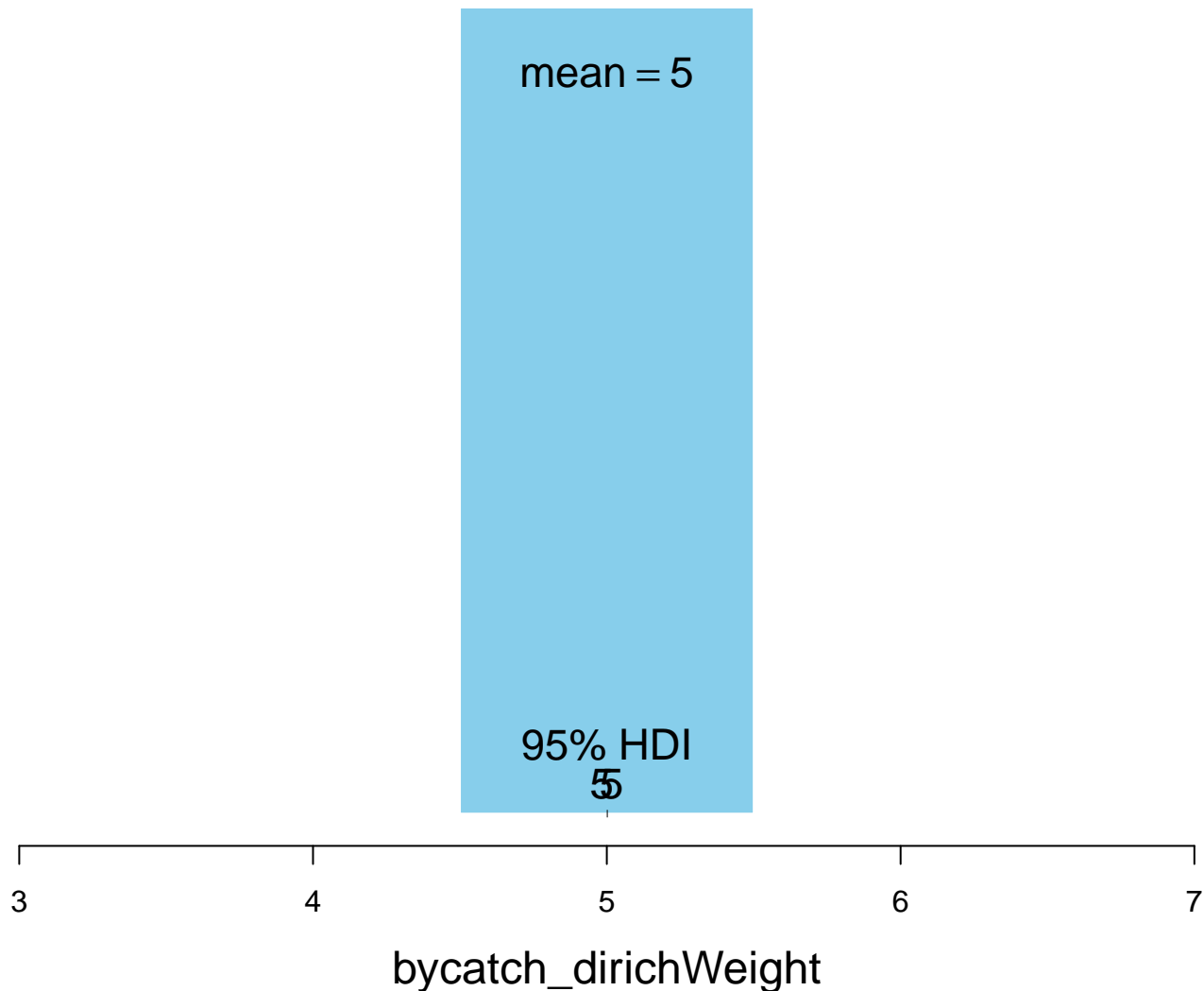


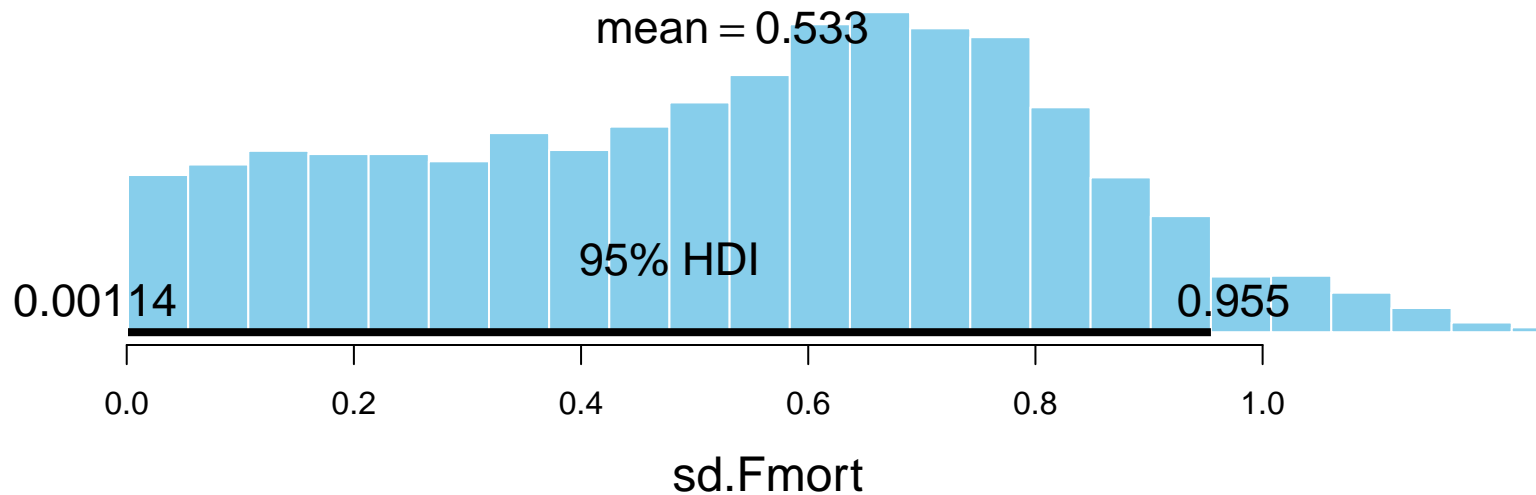
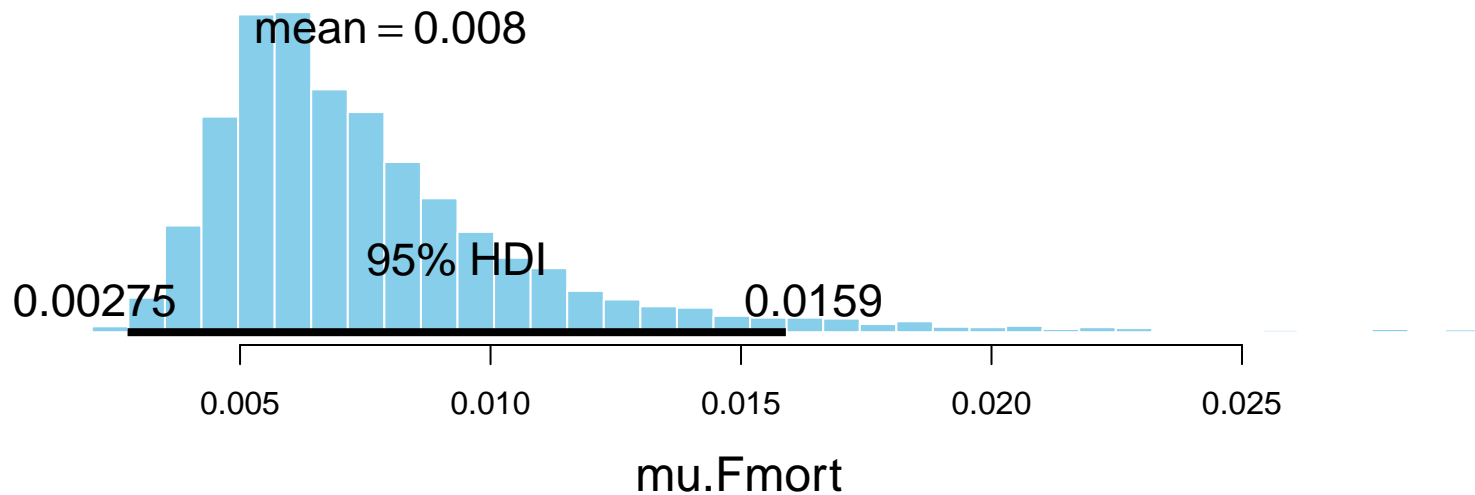
Prior Probability for Indicator Variables (pind)





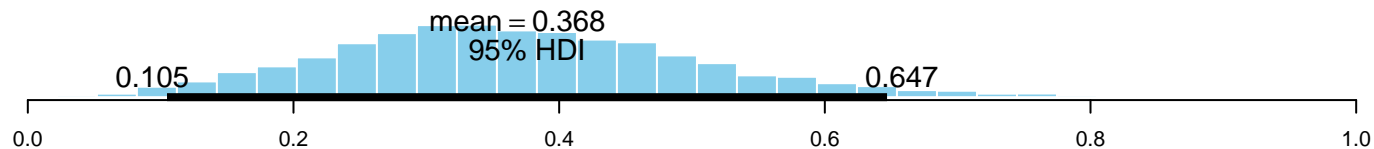




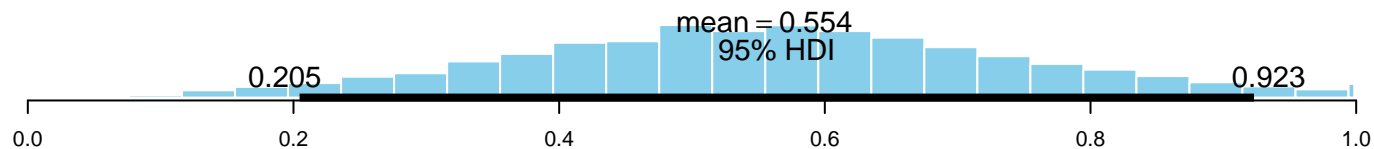




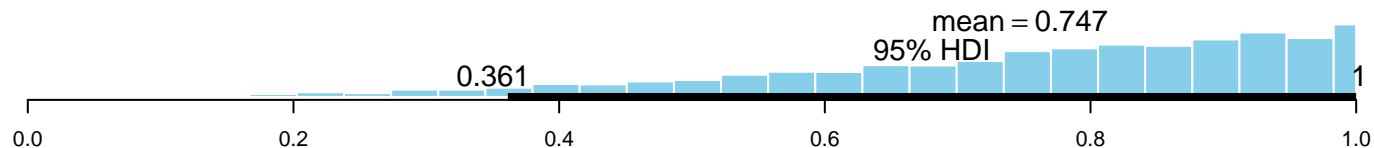
1-Ocean sel_bycatch



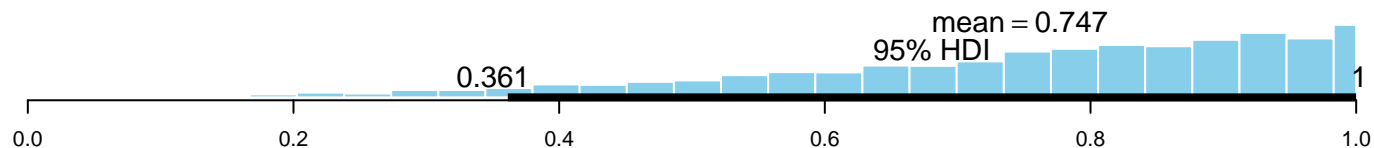
2-Ocean sel_bycatch



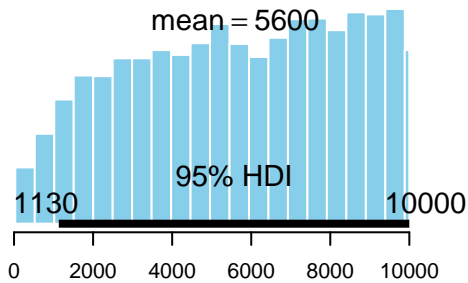
3-Ocean sel_bycatch



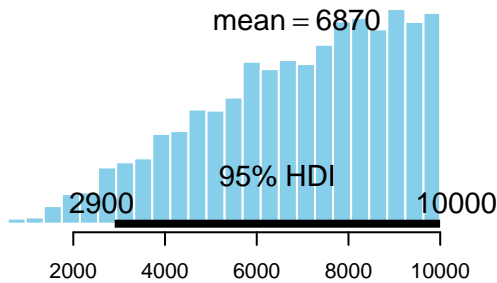
4-Ocean sel_bycatch



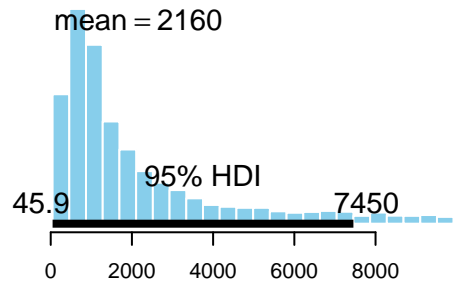
5-Ocean sel_bycatch



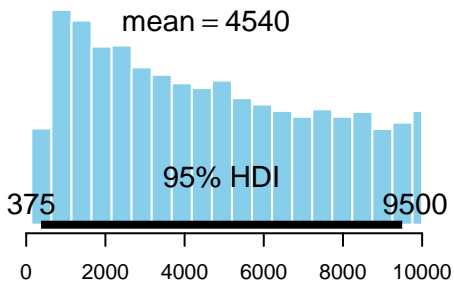
Init Year: 1980



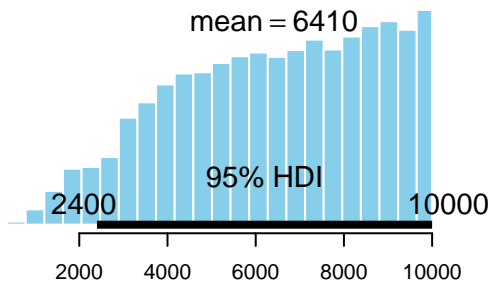
Init Year: 1981



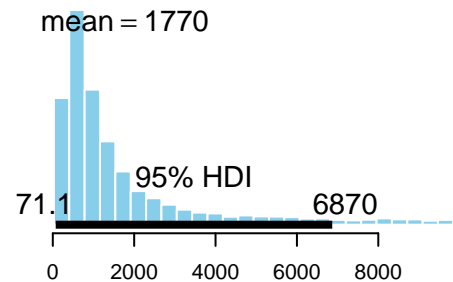
Init Year: 1982



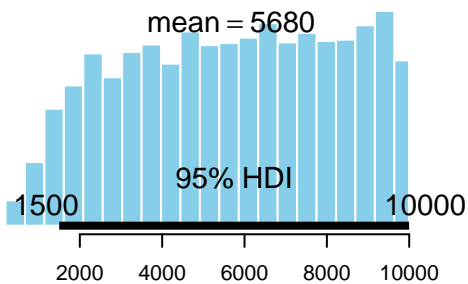
Init Year: 1983



Init Year: 1984

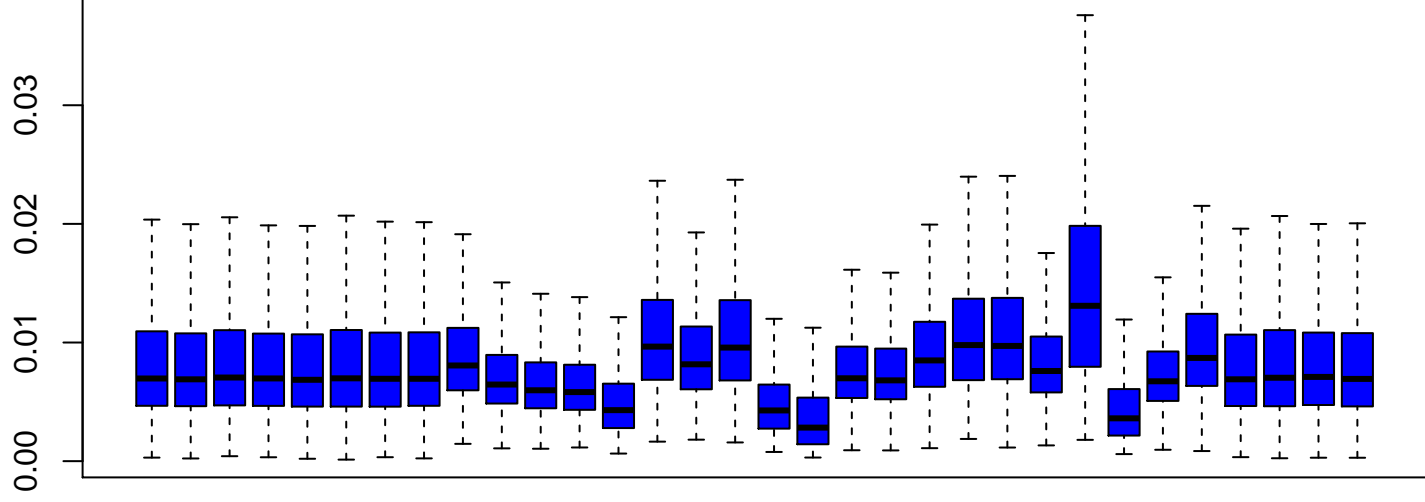


Init Year: 1985

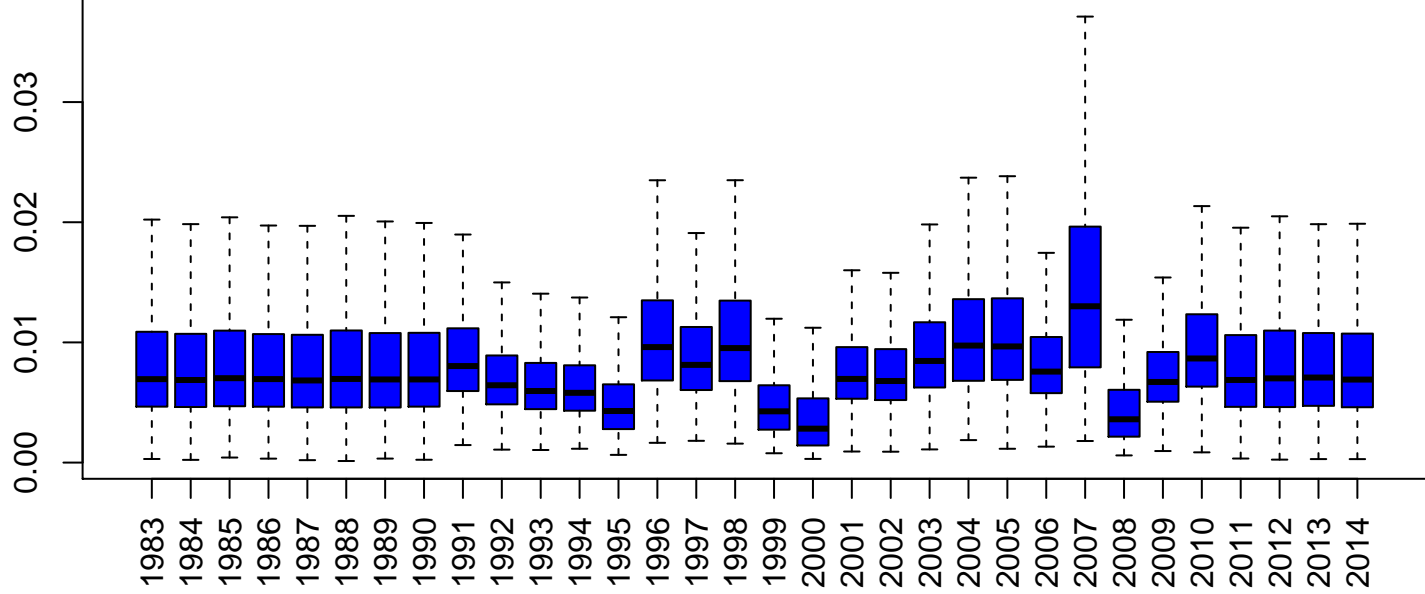


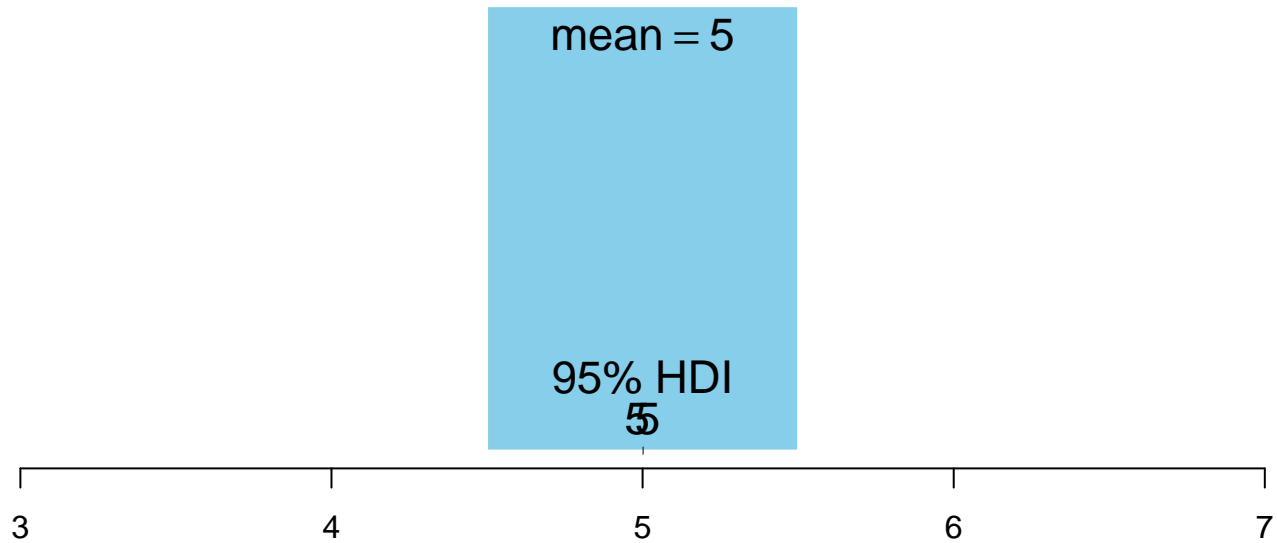
Init Year: 1986

Emort Bycatch

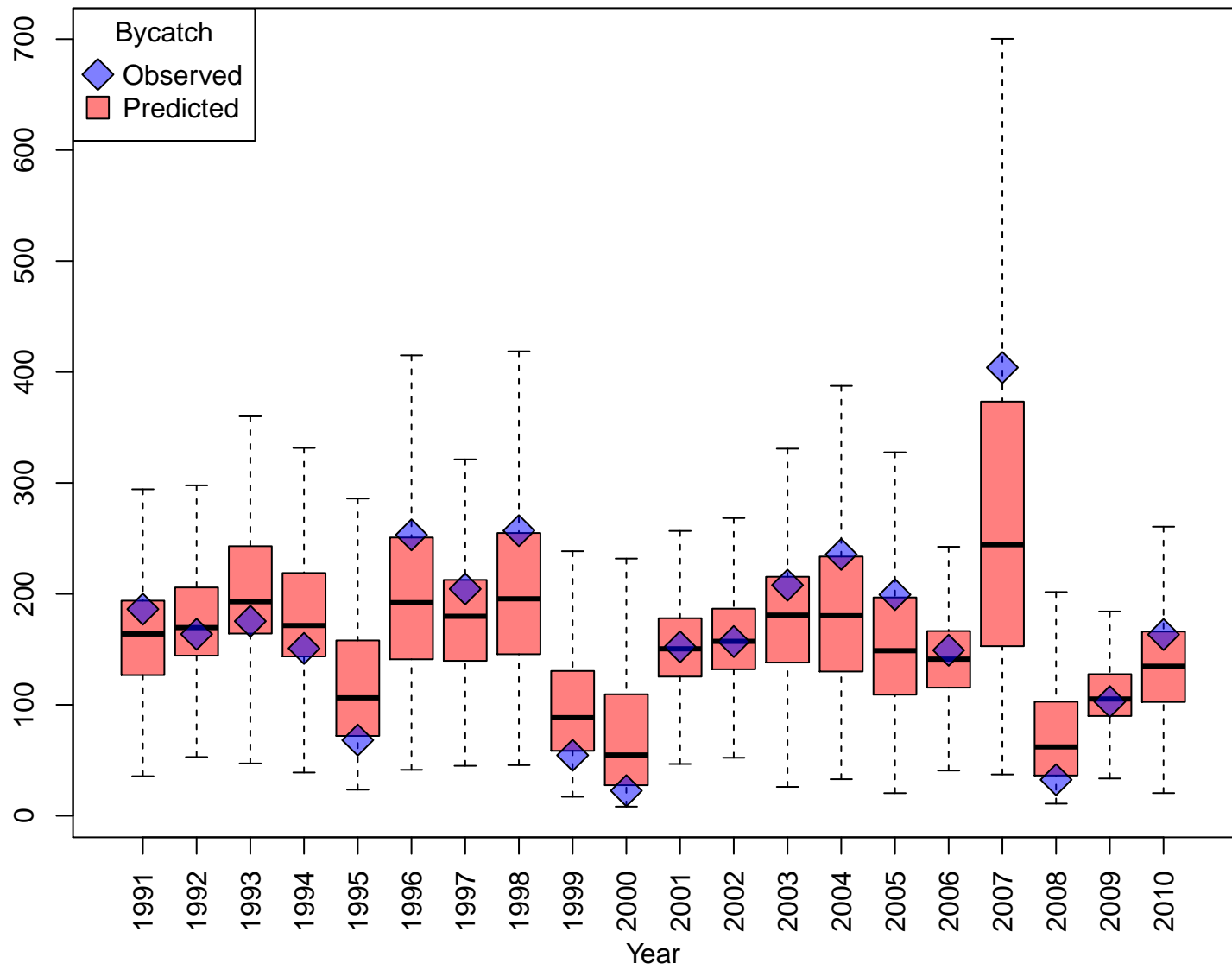


Harvest Rate Bycatch

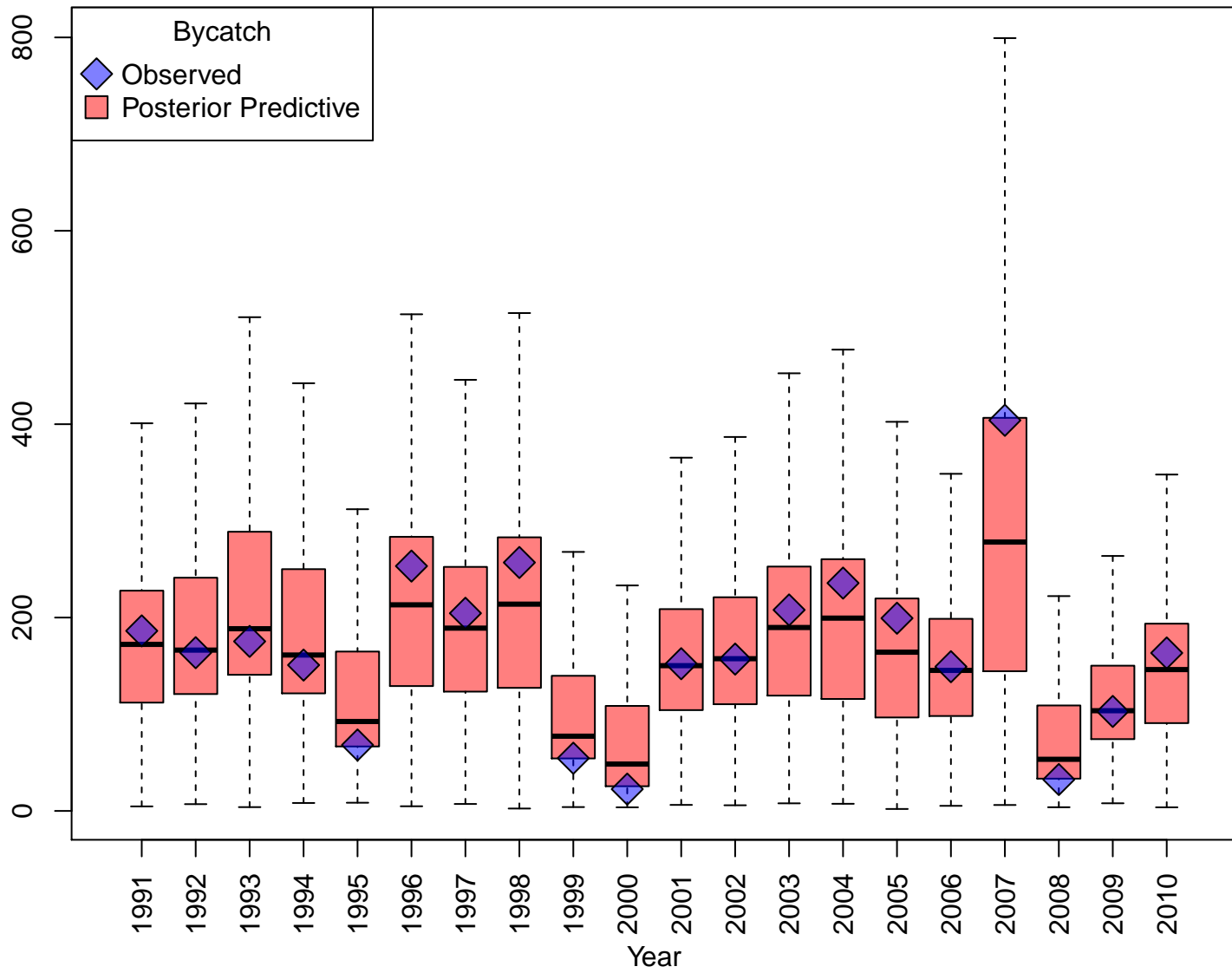




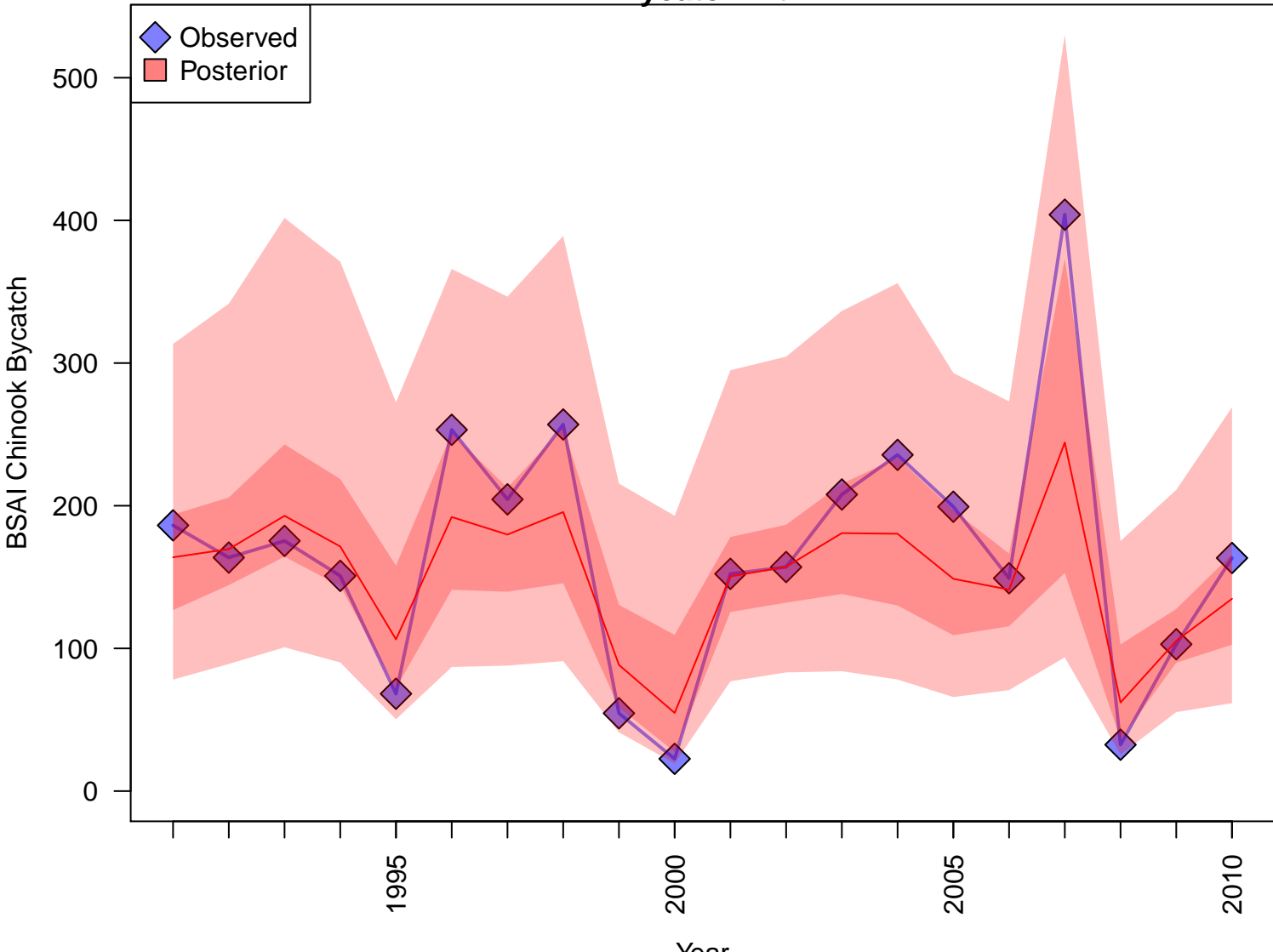
BSAI Chinook Bycatch



BSAI Chinook Bycatch



Bycatch Fit



Bycatch Fit

BSAI Chinook Bycatch

Observed
Posterior Predictive

800
600
400
200
0

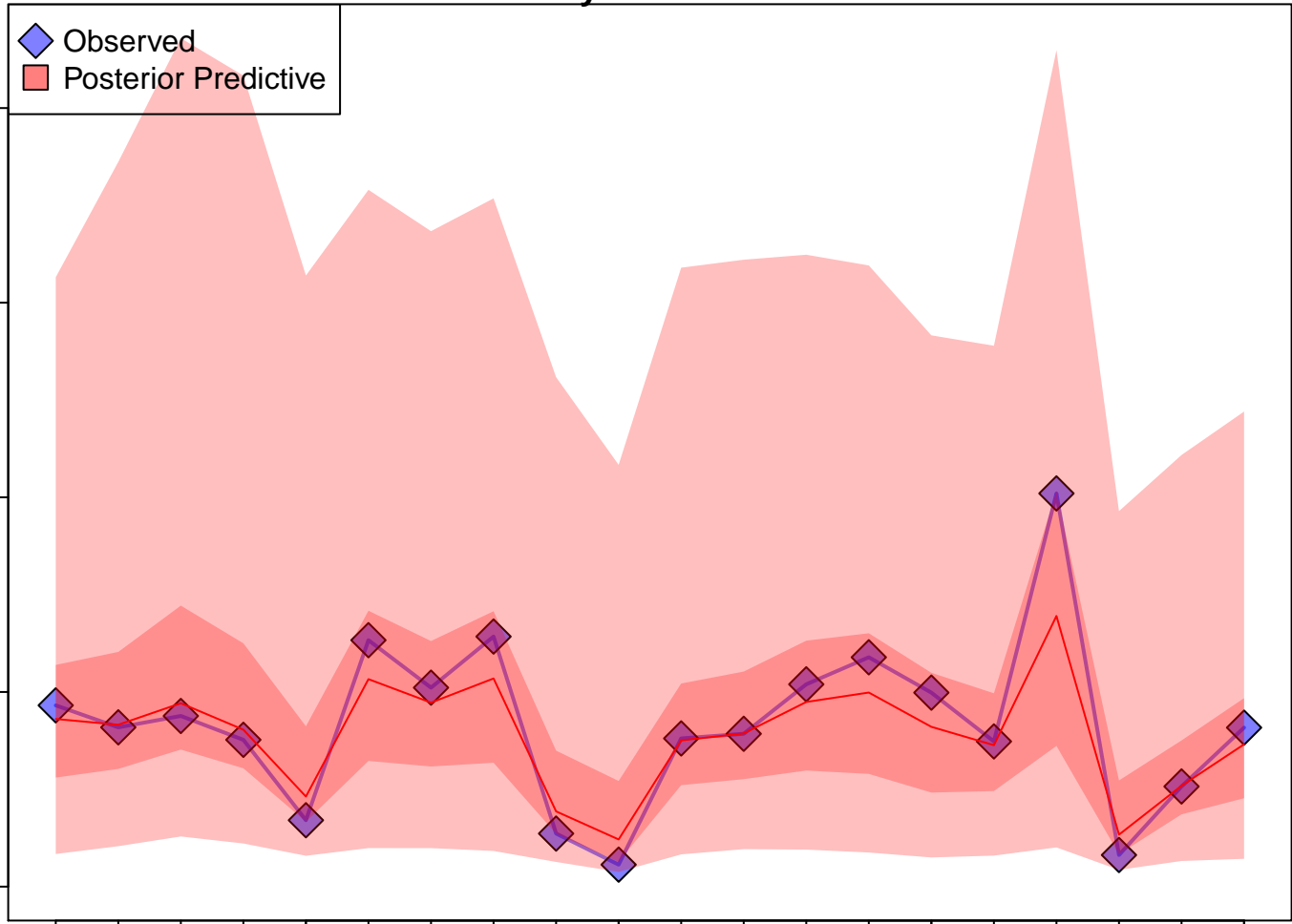
1995

2000

2005

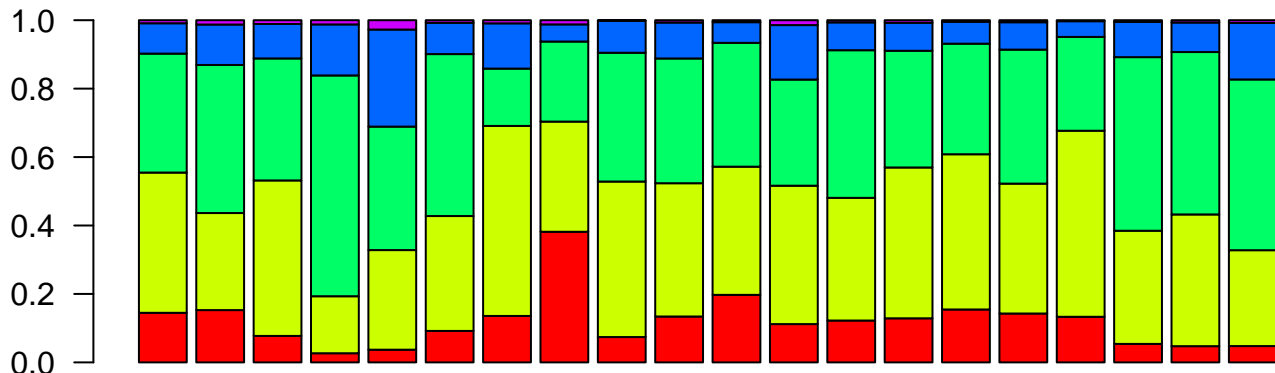
2010

Year

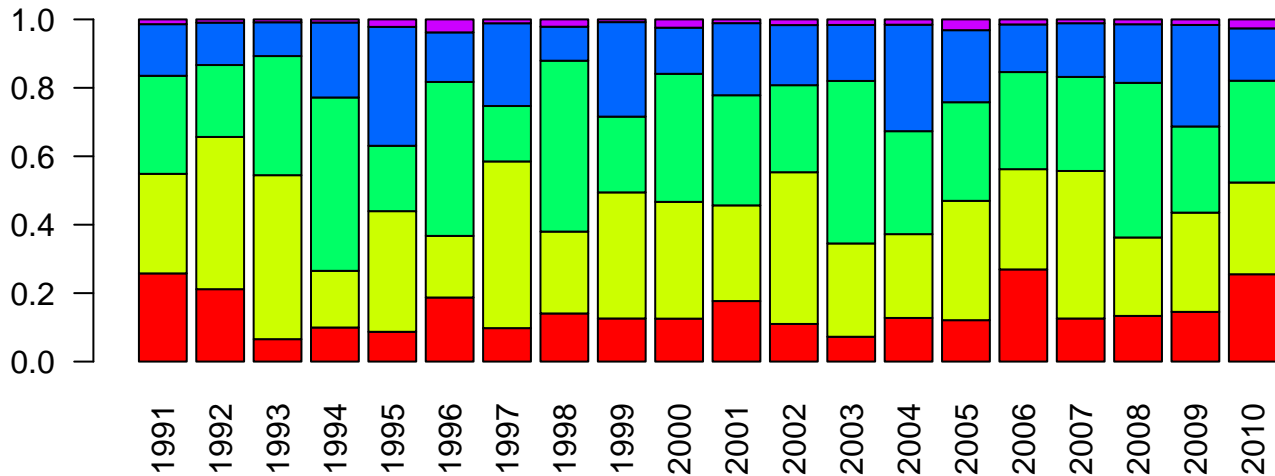


Age Composition Proportion

Observed



Predicted



Year

chena

