

## Hyper Means

mean = -0.0606

95% HDI  
-0.1580 0.0379

mean = -0.0269

95% HDI  
-0.1090 0.0558

mean = -0.0937

95% HDI  
-0.1820 0.00595

maxT\_spawn

RB\_spawn

medianQ

mean = -0.0111

95% HDI  
-0.1150 0.0925

mean = -0.0768

95% HDI  
-0.1560 0.0396

mean = -0.0519

95% HDI  
-0.1360 0.0353

avgT\_grow

RB\_emerge

breakup

mean = -0.138

95% HDI  
-0.2310 -0.043

mean = 0.0988

95% HDI  
0.0129 0.184

mean = -0.0712

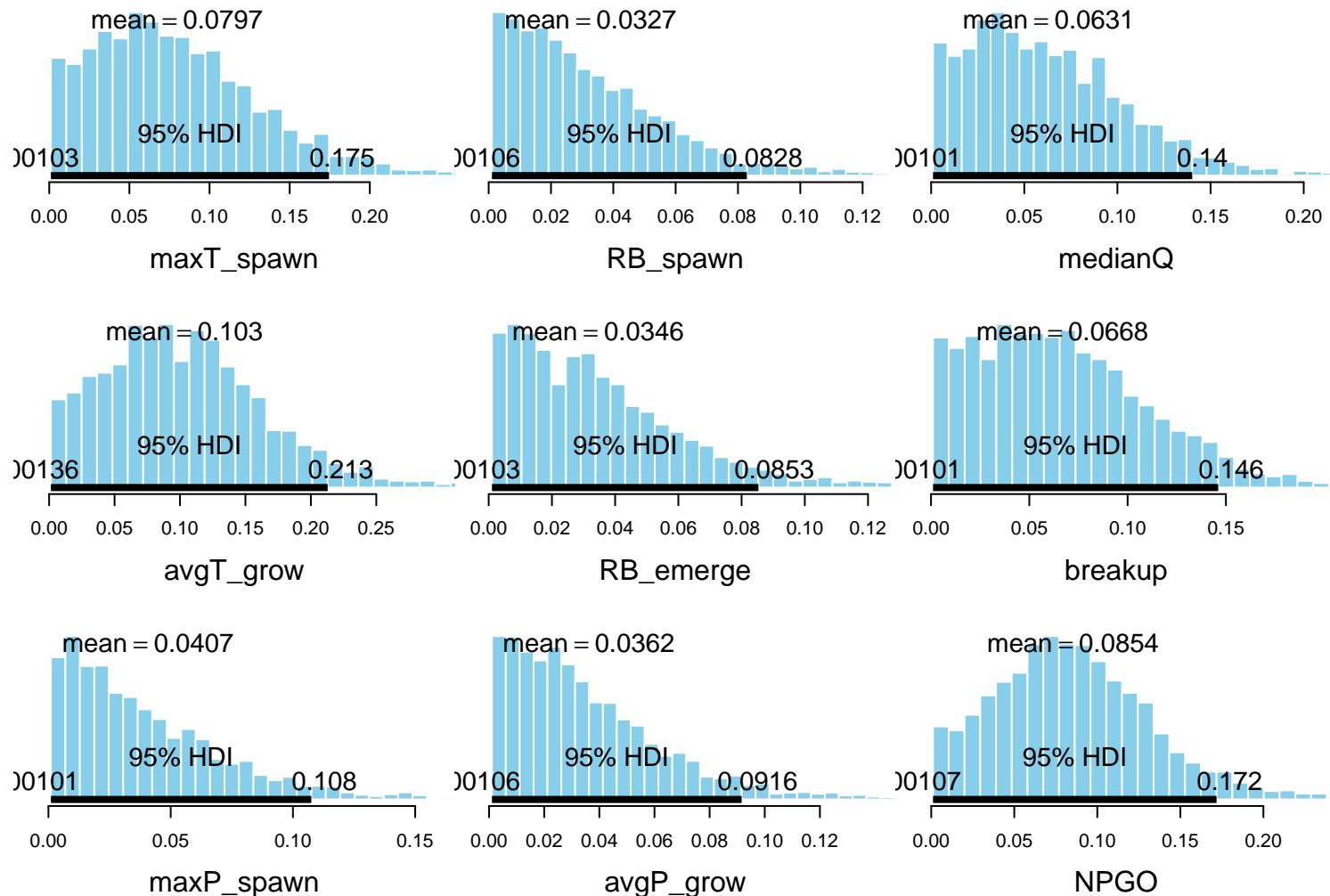
95% HDI  
-0.1580 0.0142

maxP\_spawn

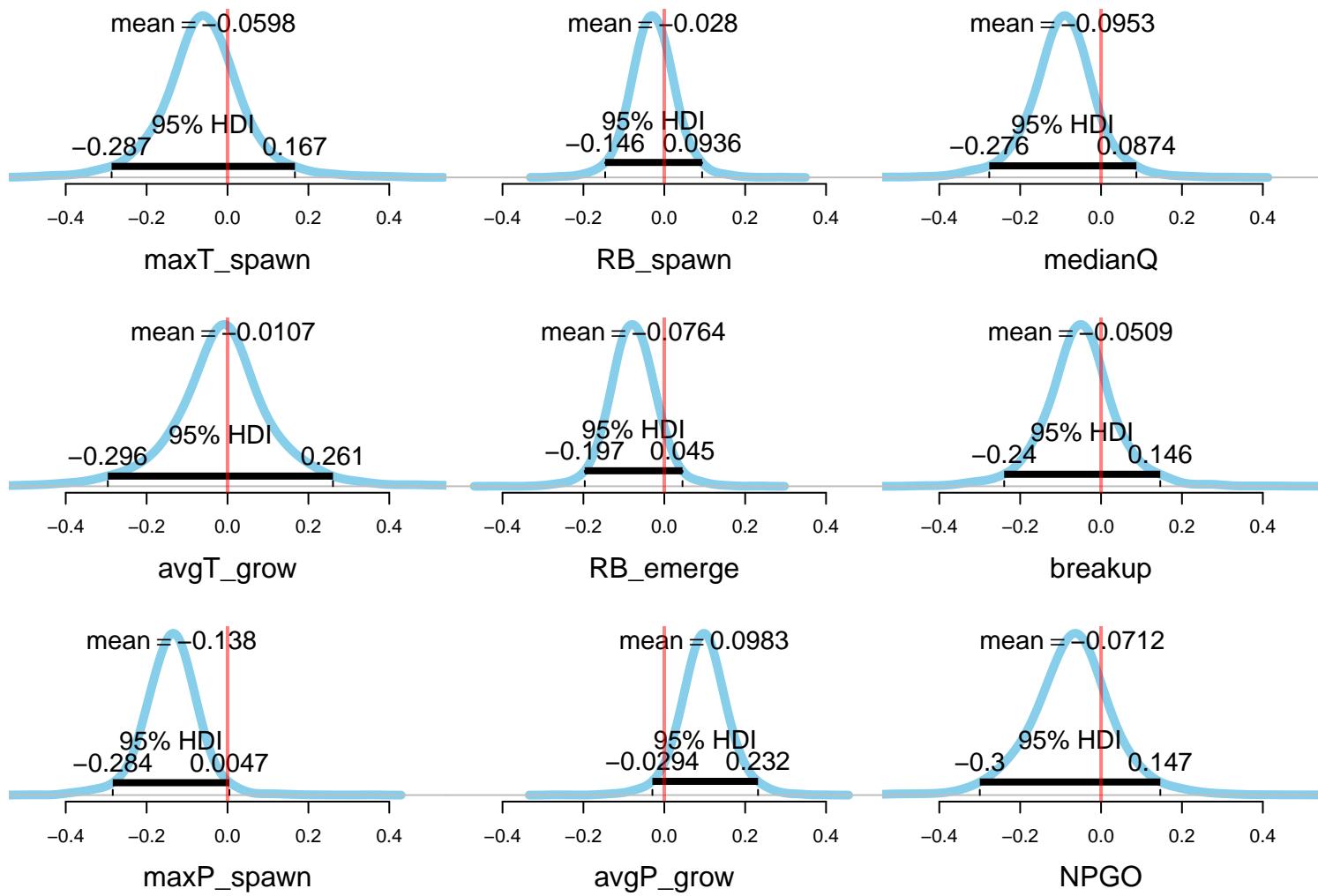
avgP\_grow

NPGO

# Hyper StDevs

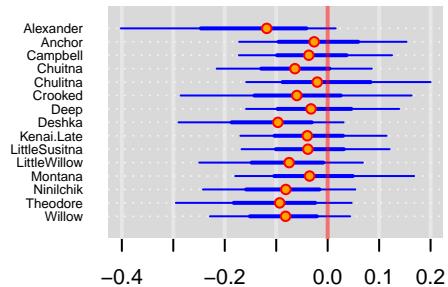


## Full Covariate Prior Distribution (dist.coef)

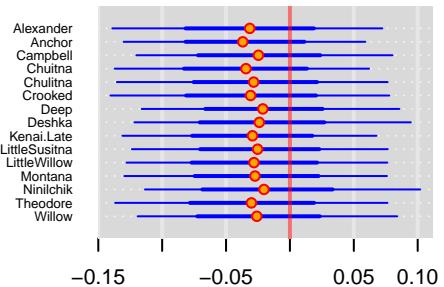


Population

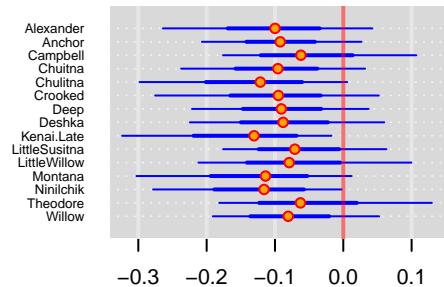
maxT\_spawn



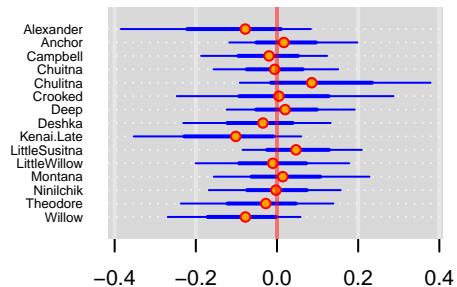
RB\_spawn



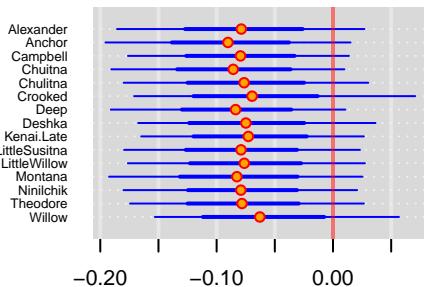
medianQ



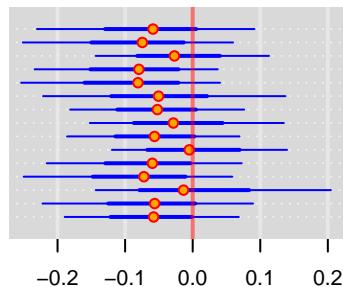
avgT\_grow



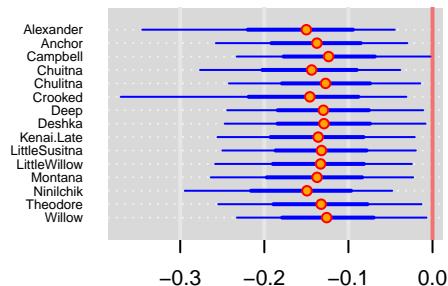
RB\_emerge



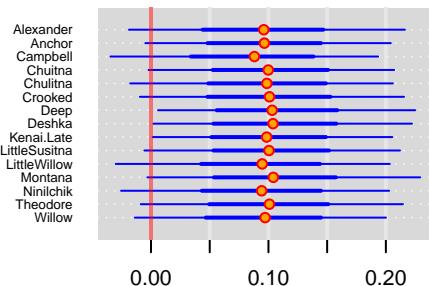
breakup



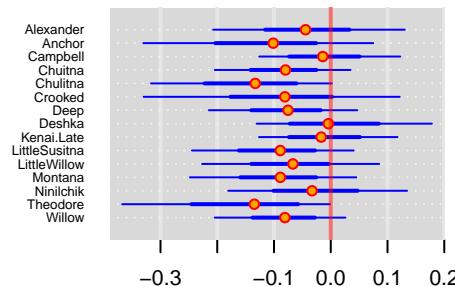
maxP\_spawn



avgP\_grow

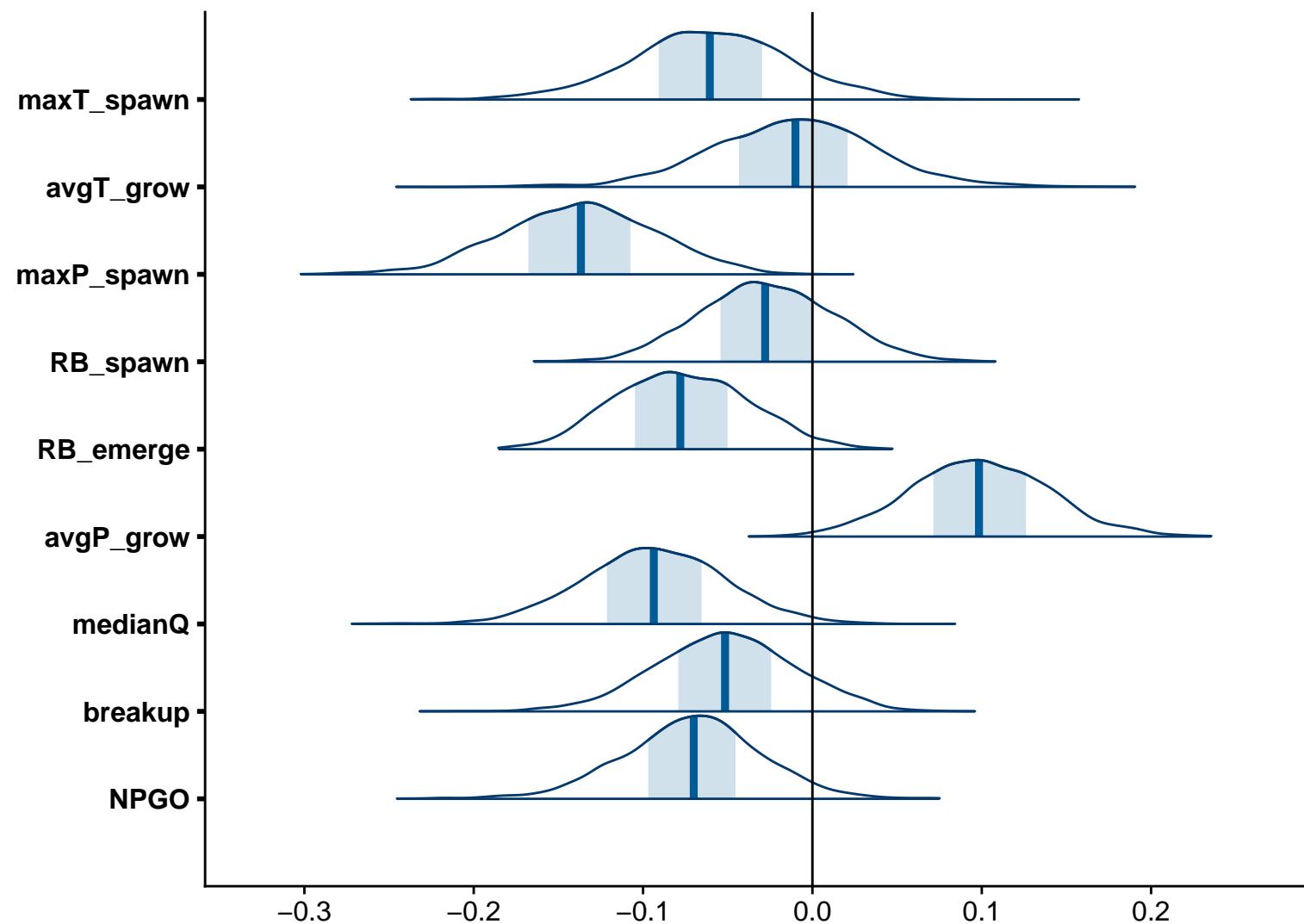


NPGO

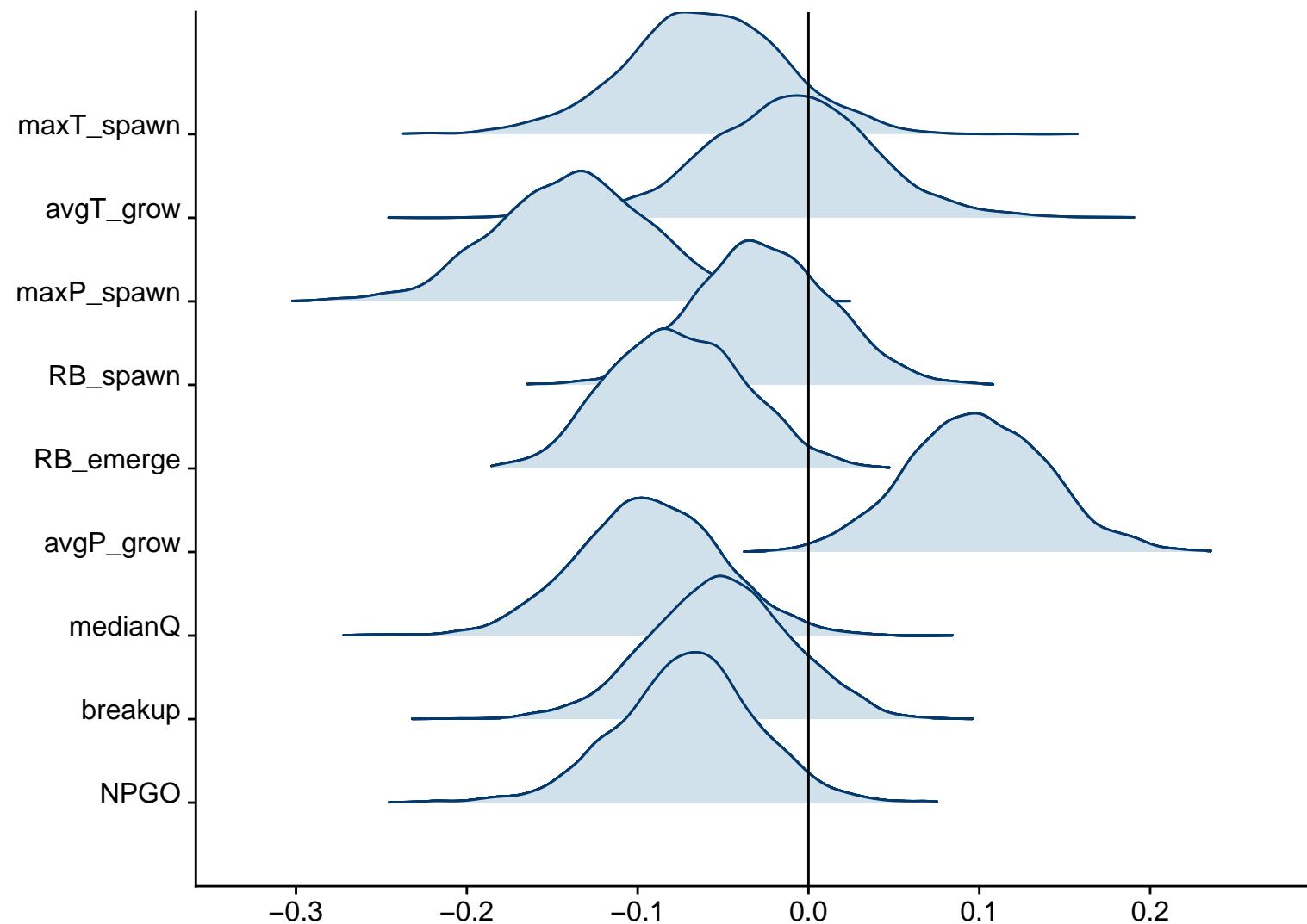


Coefficient (Effect)

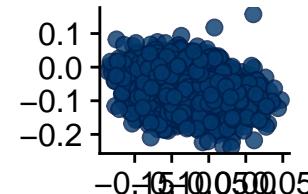
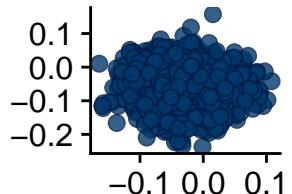
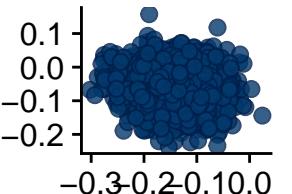
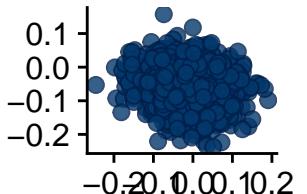
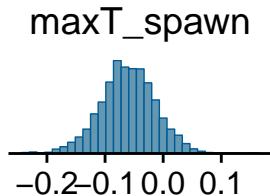
## Group Means (mu.coef)



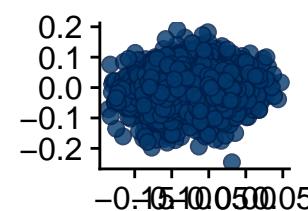
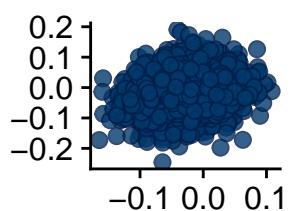
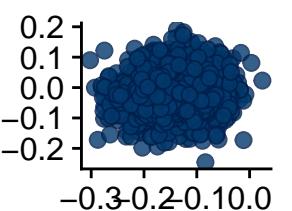
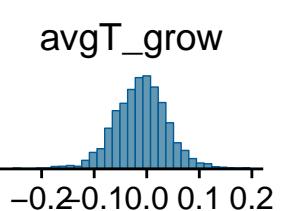
## Group Means (mu.coef)



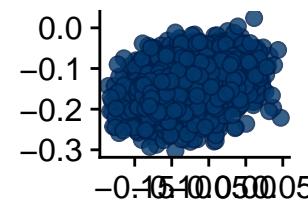
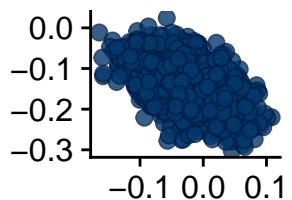
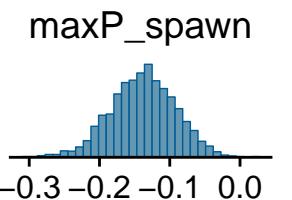
maxT\_spawn



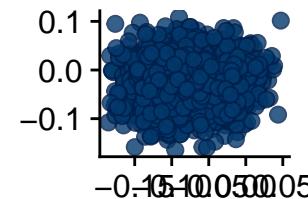
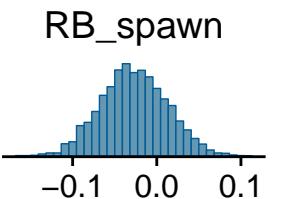
avgT\_grow



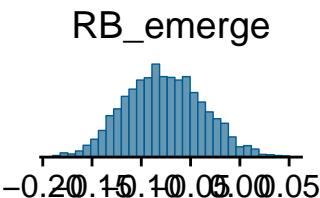
maxP\_spawn



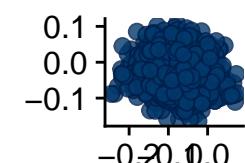
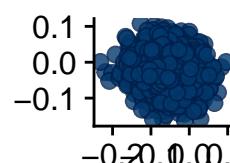
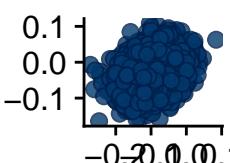
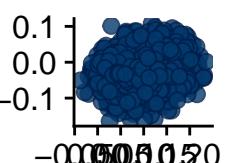
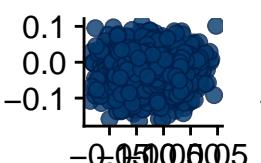
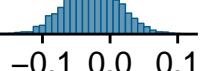
RB\_spawn



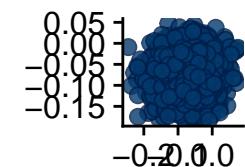
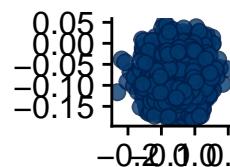
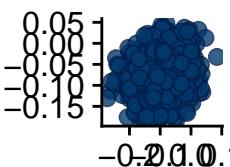
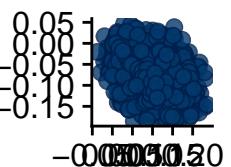
RB\_emerge



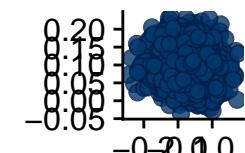
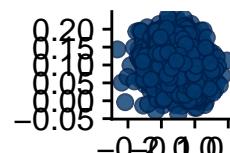
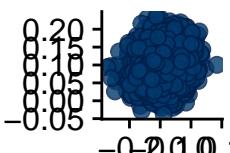
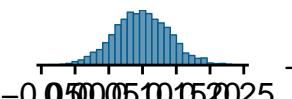
RB\_spawn



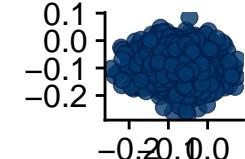
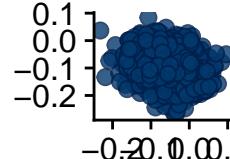
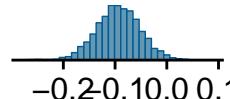
RB\_emerge



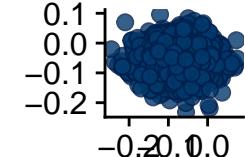
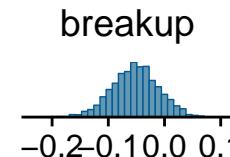
avgP\_grow



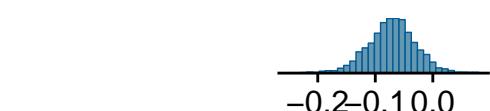
medianQ



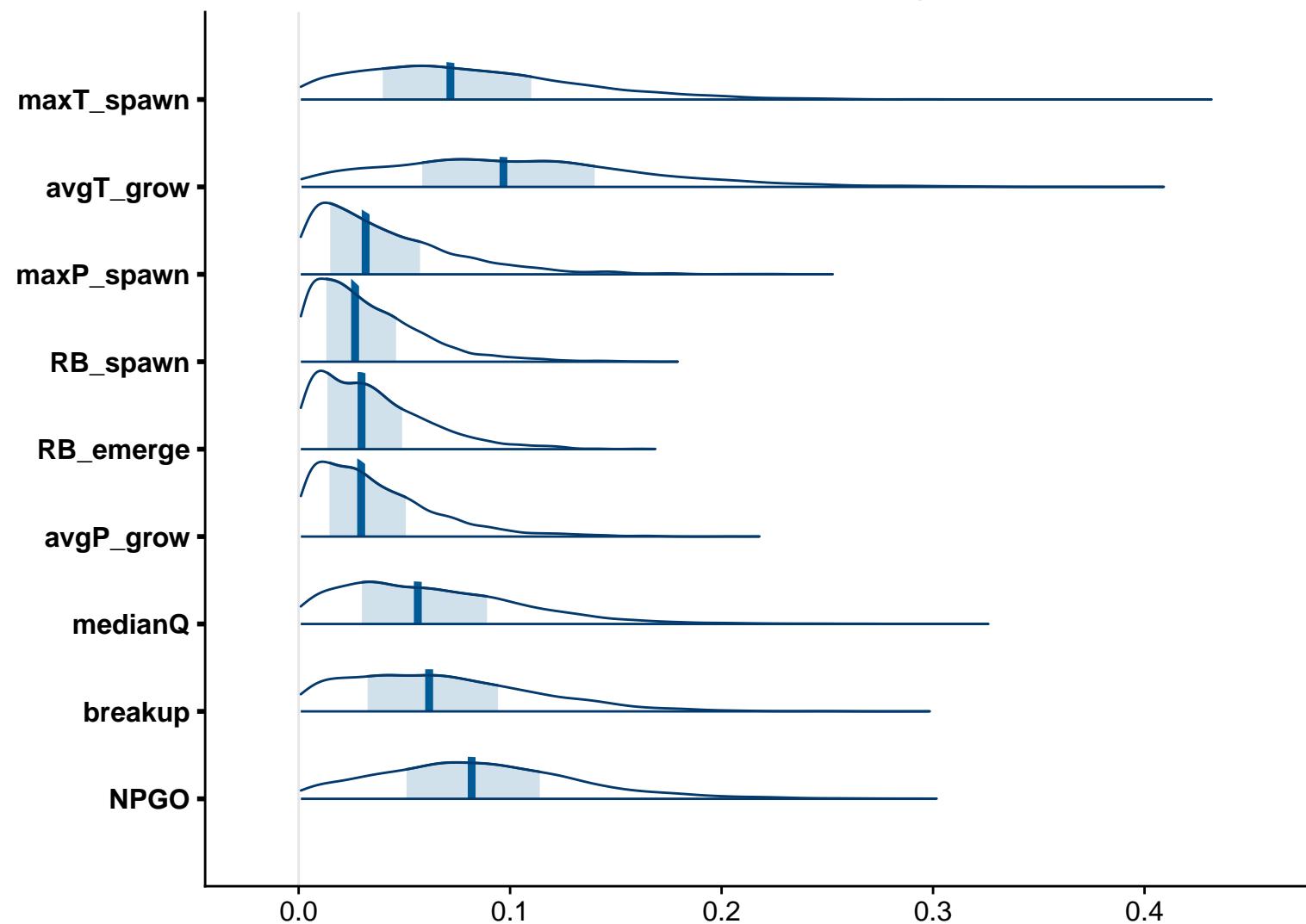
breakup

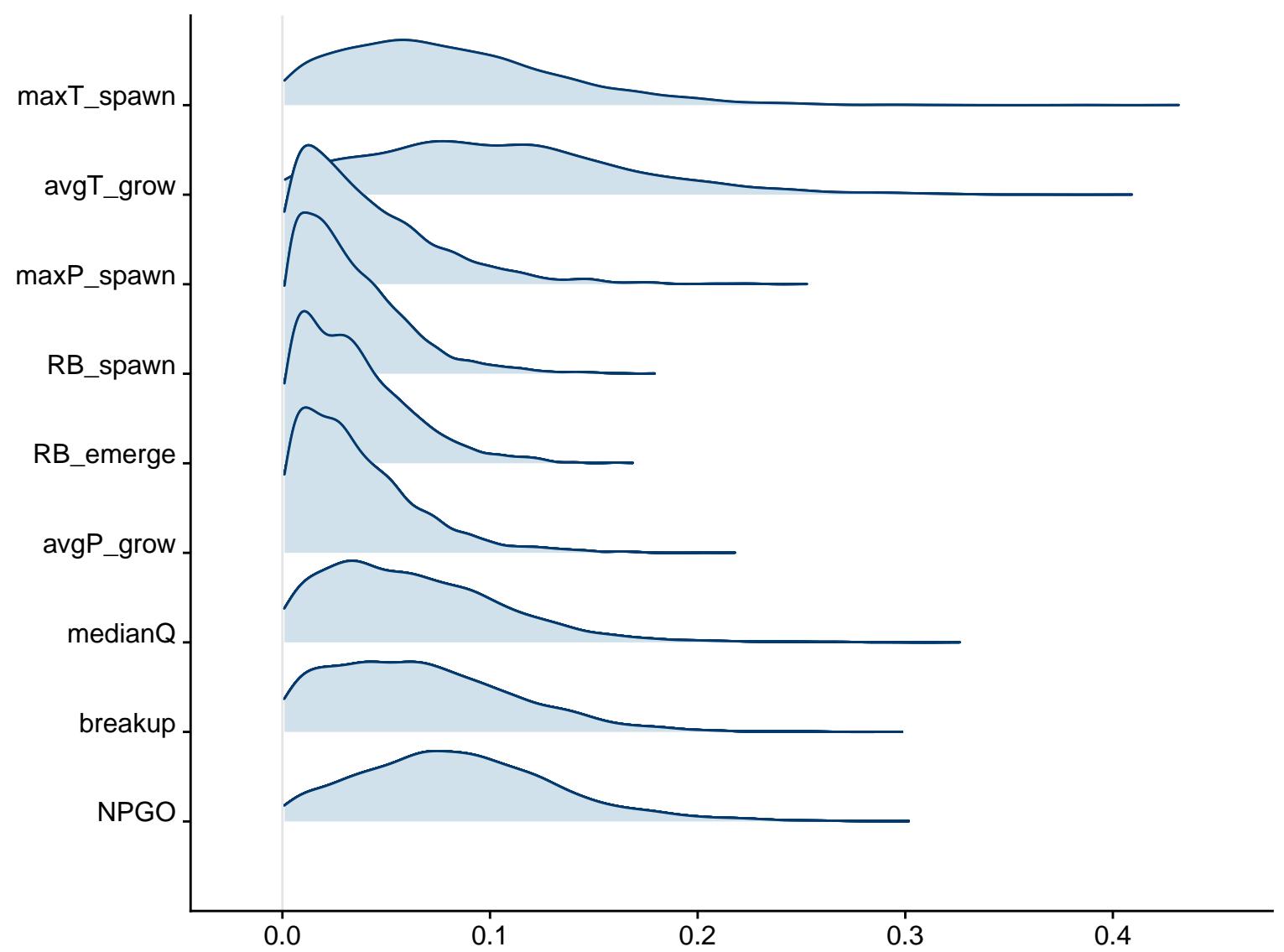


NPGO

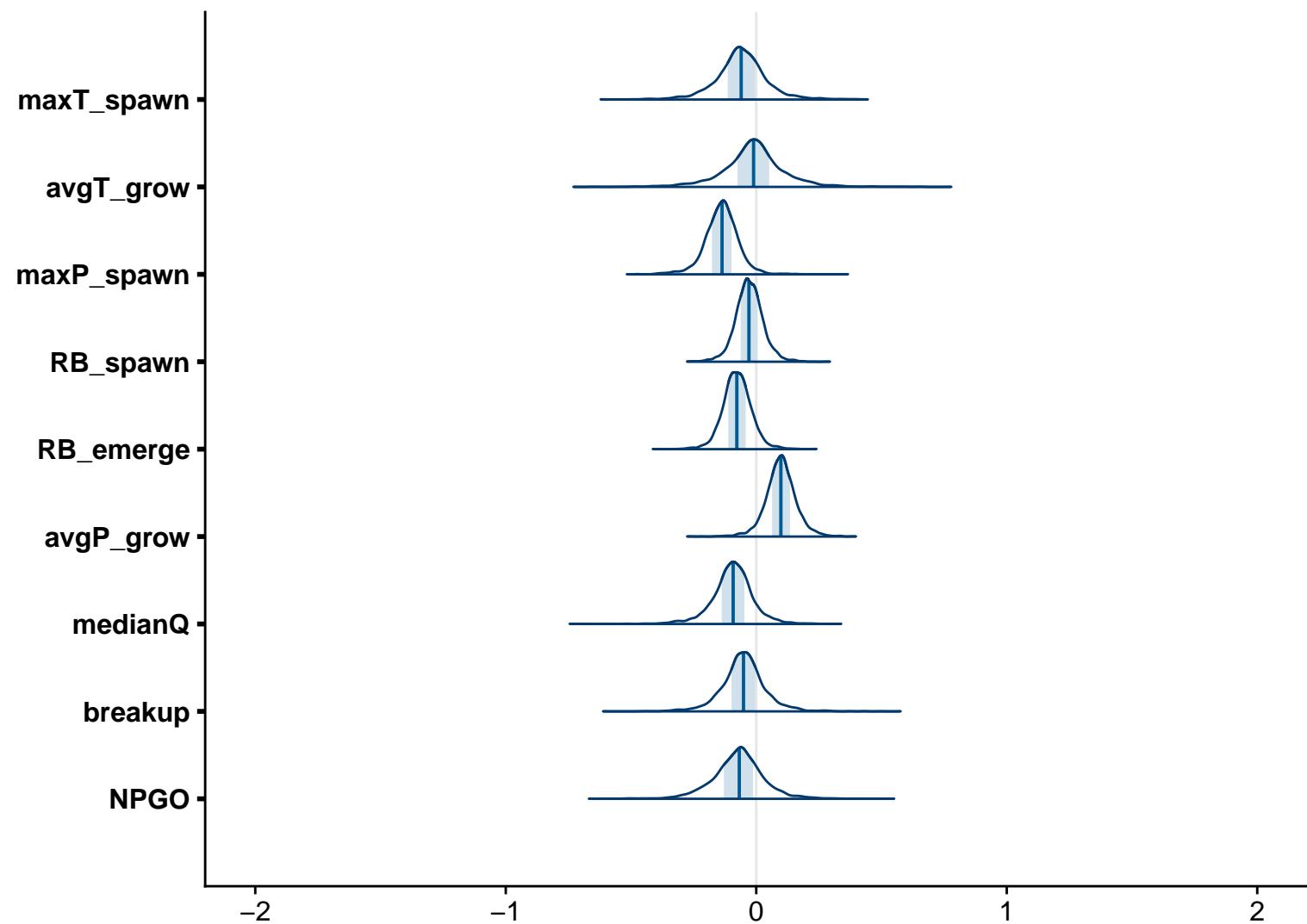


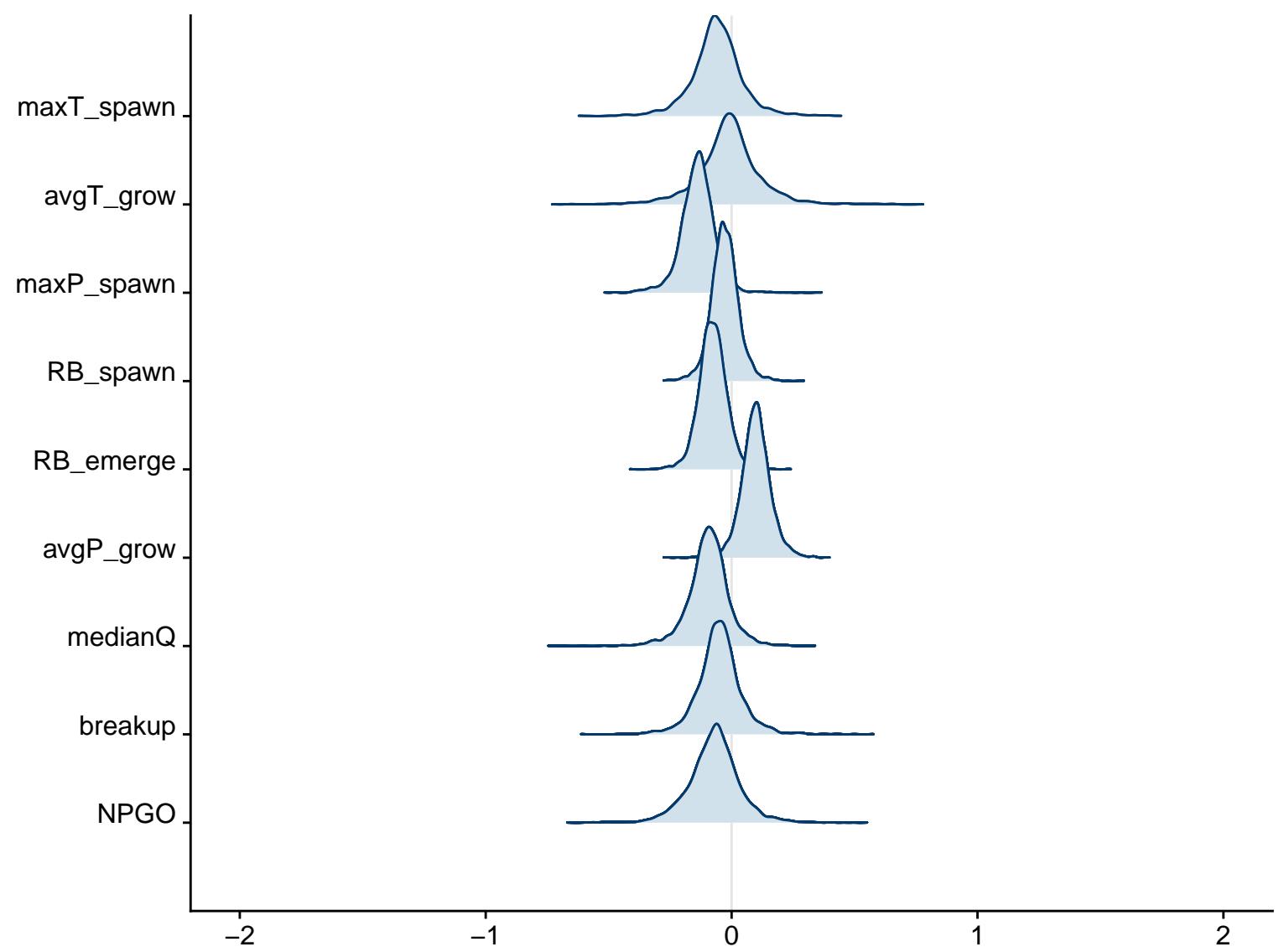
## Group Standard Deviations ( $\sigma.coef$ )



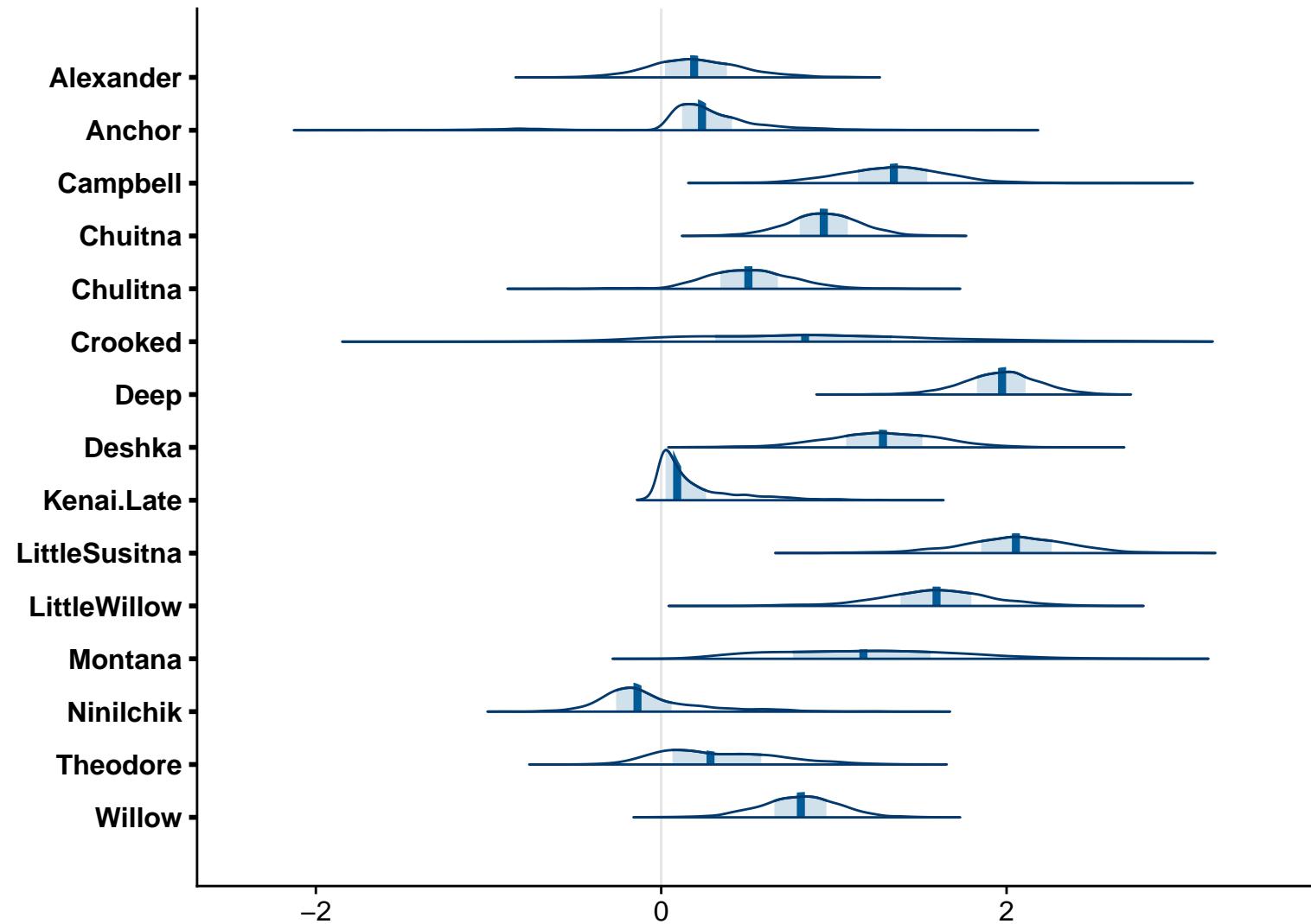


## Full Covariate Prior Distribution (dist.coef)

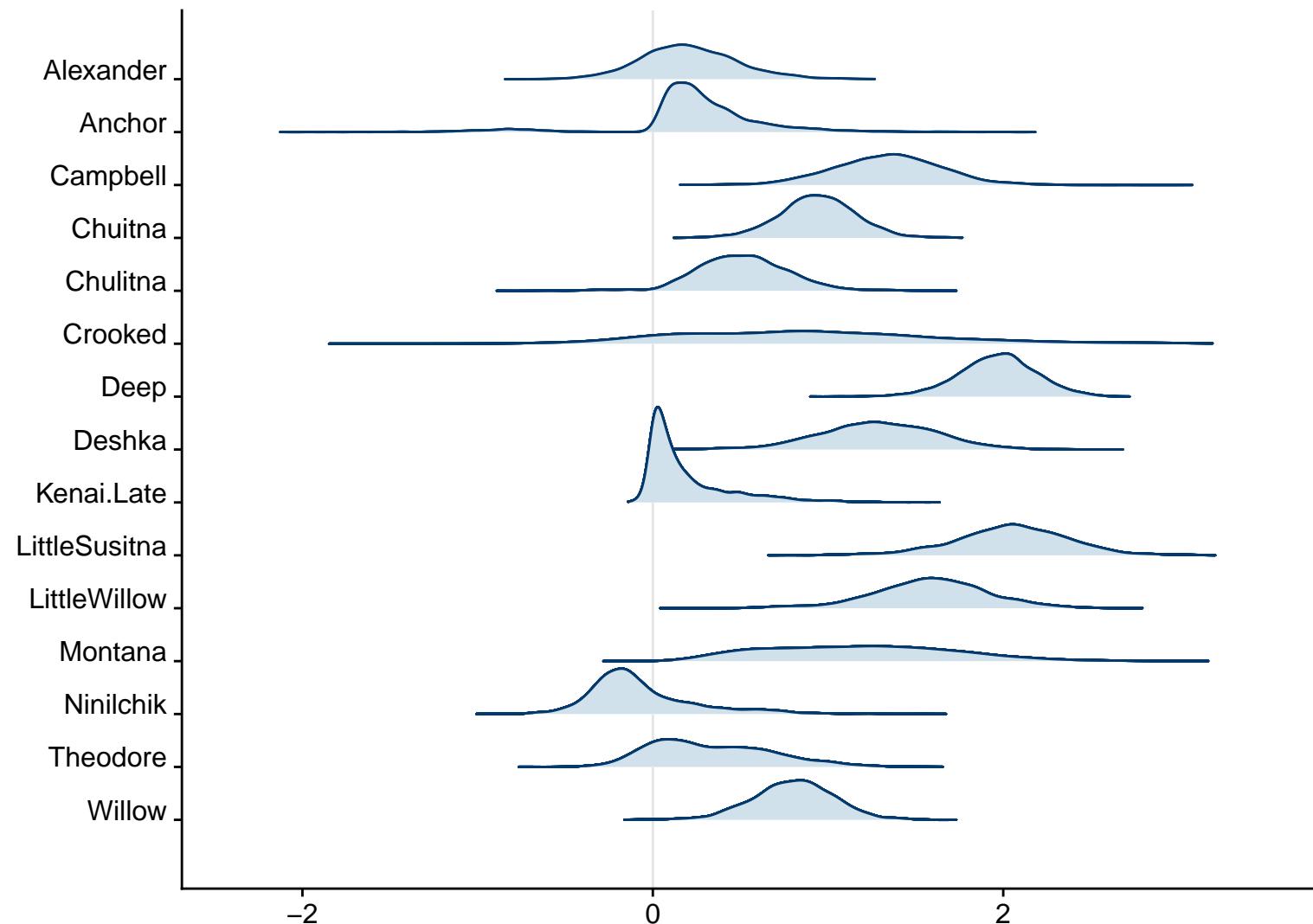




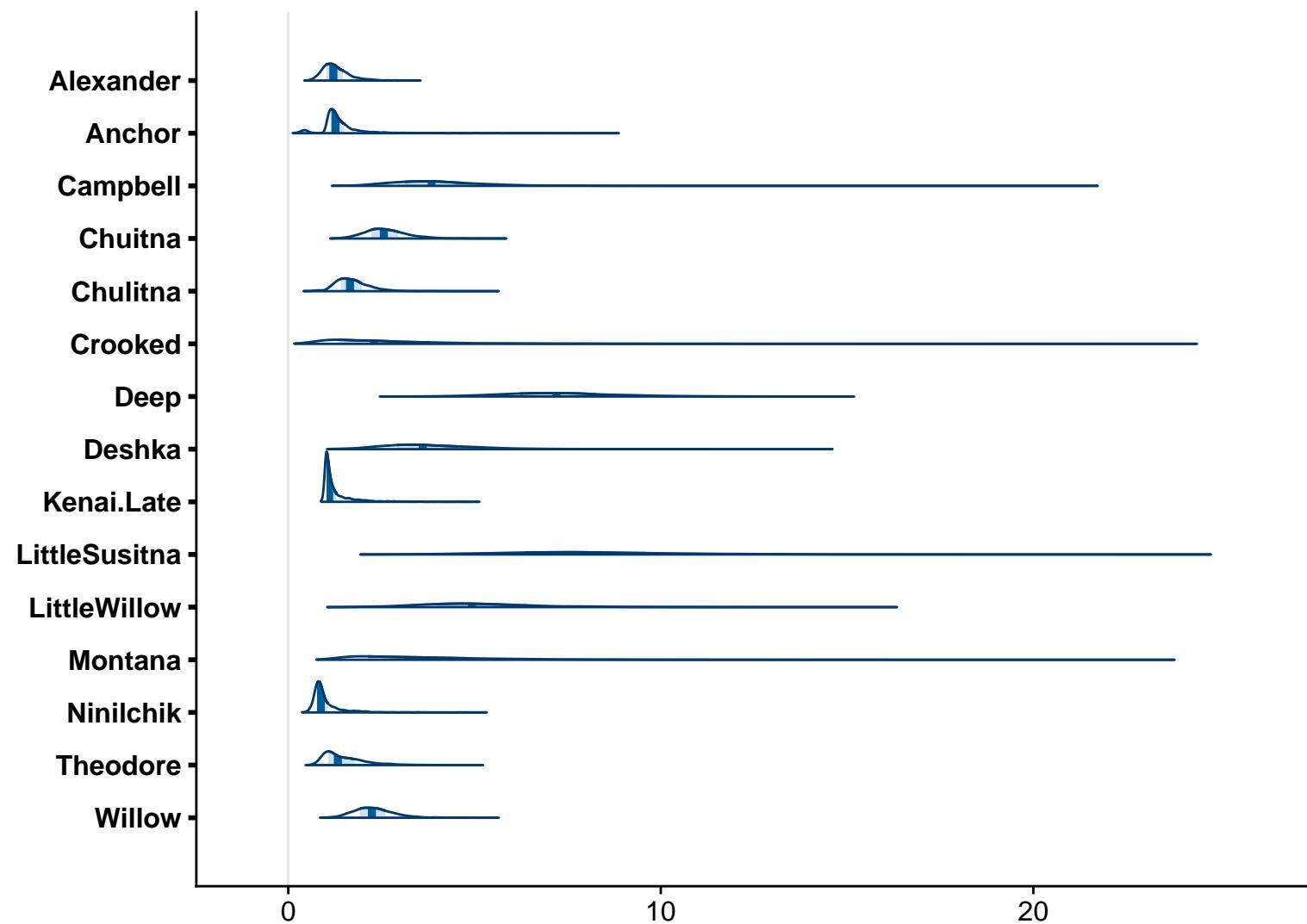
## Ricker Alpha



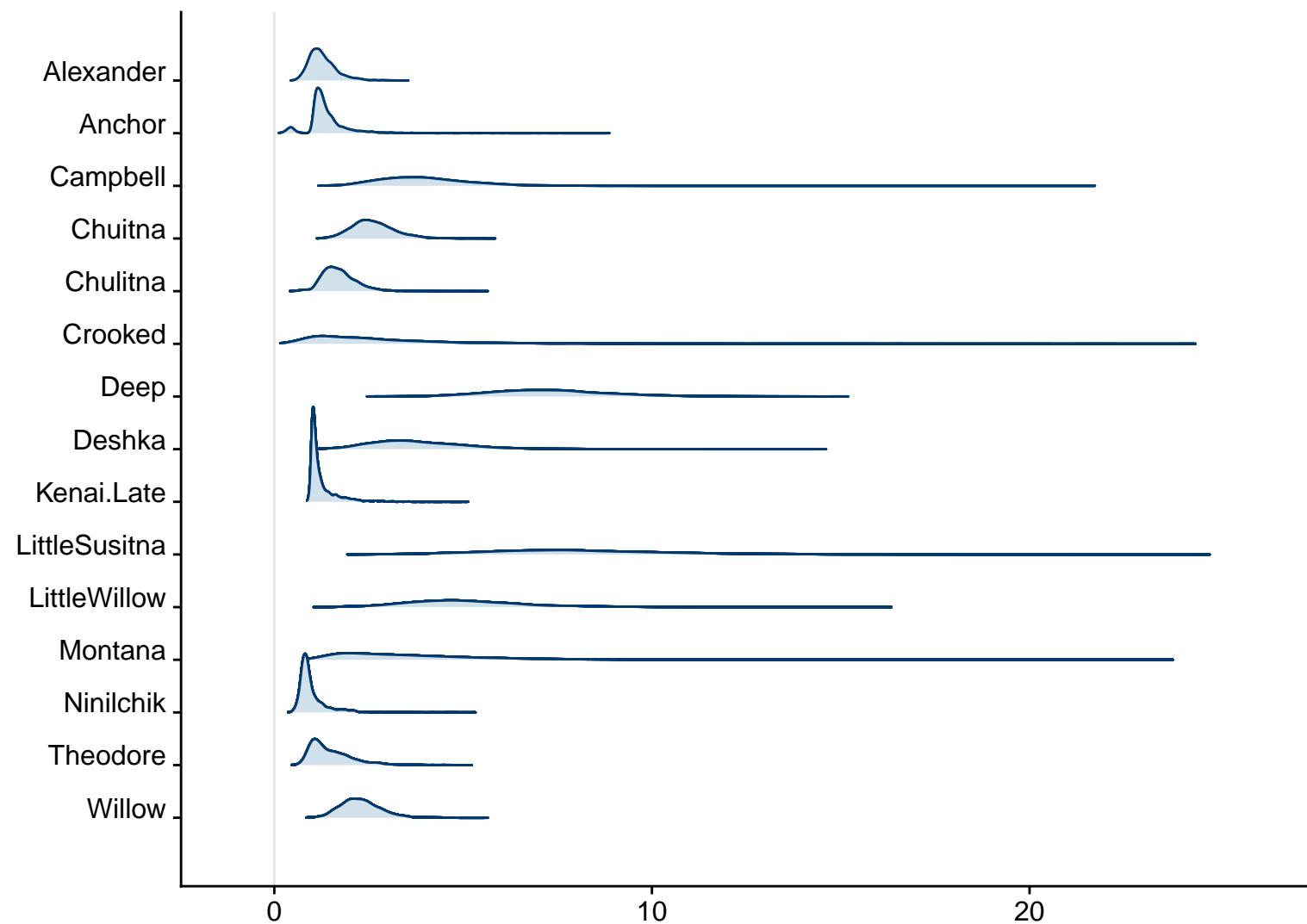
## Ricker Alpha



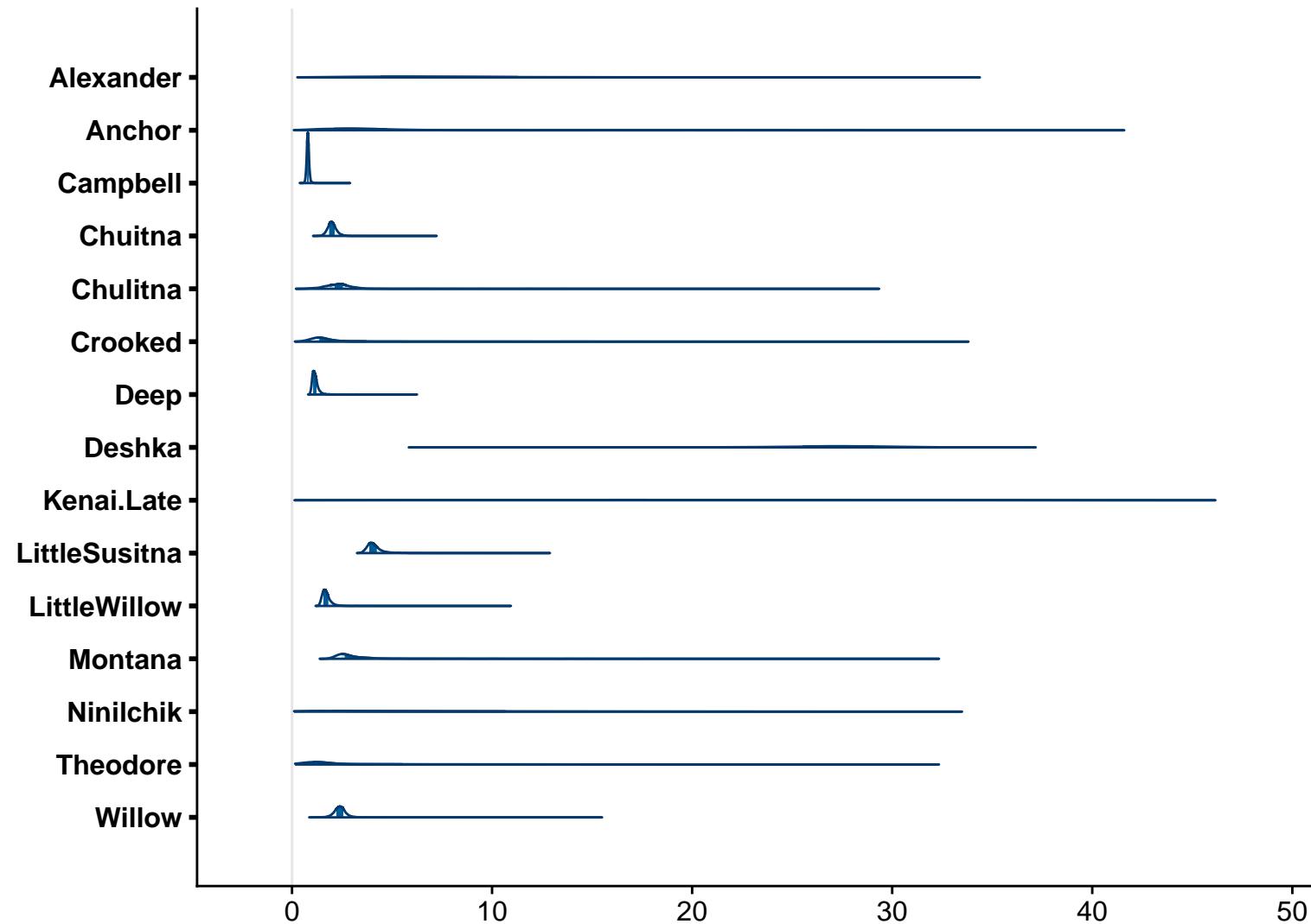
## Maximum Productivity RpS: exp(a)



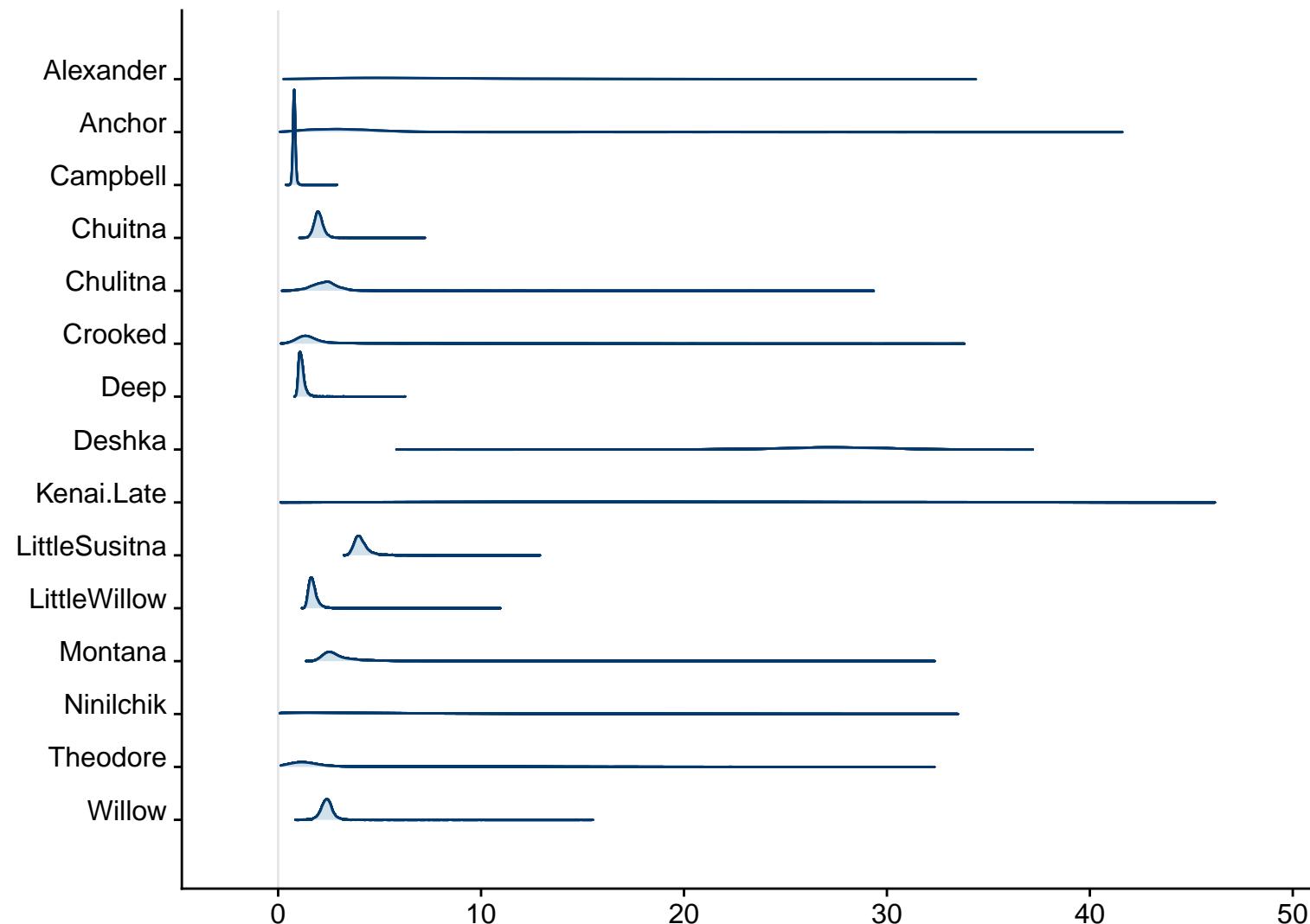
## Maximum Productivity RpS: $\exp(a)$



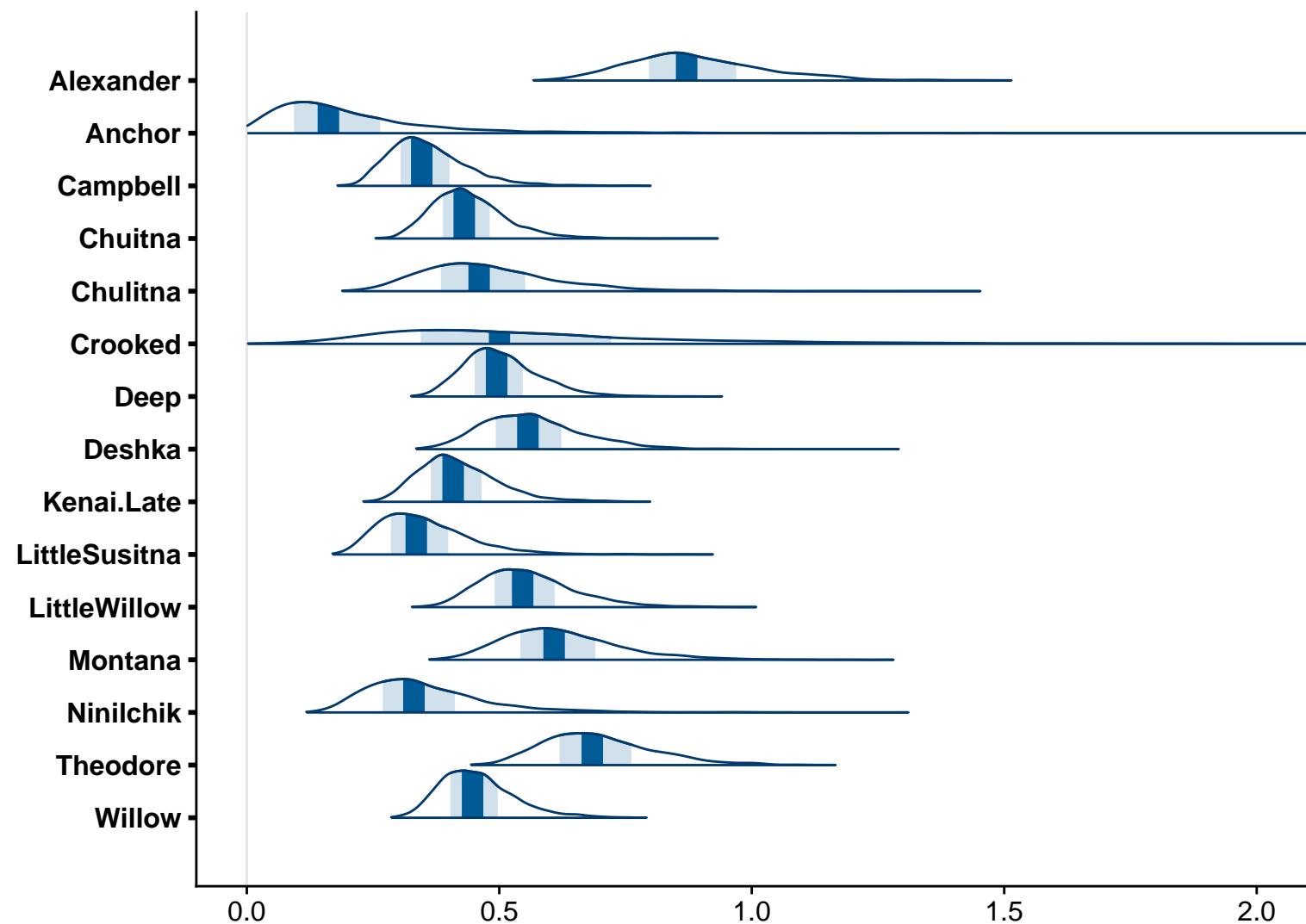
## Equilibrium Abundance (Beta) in Thousands



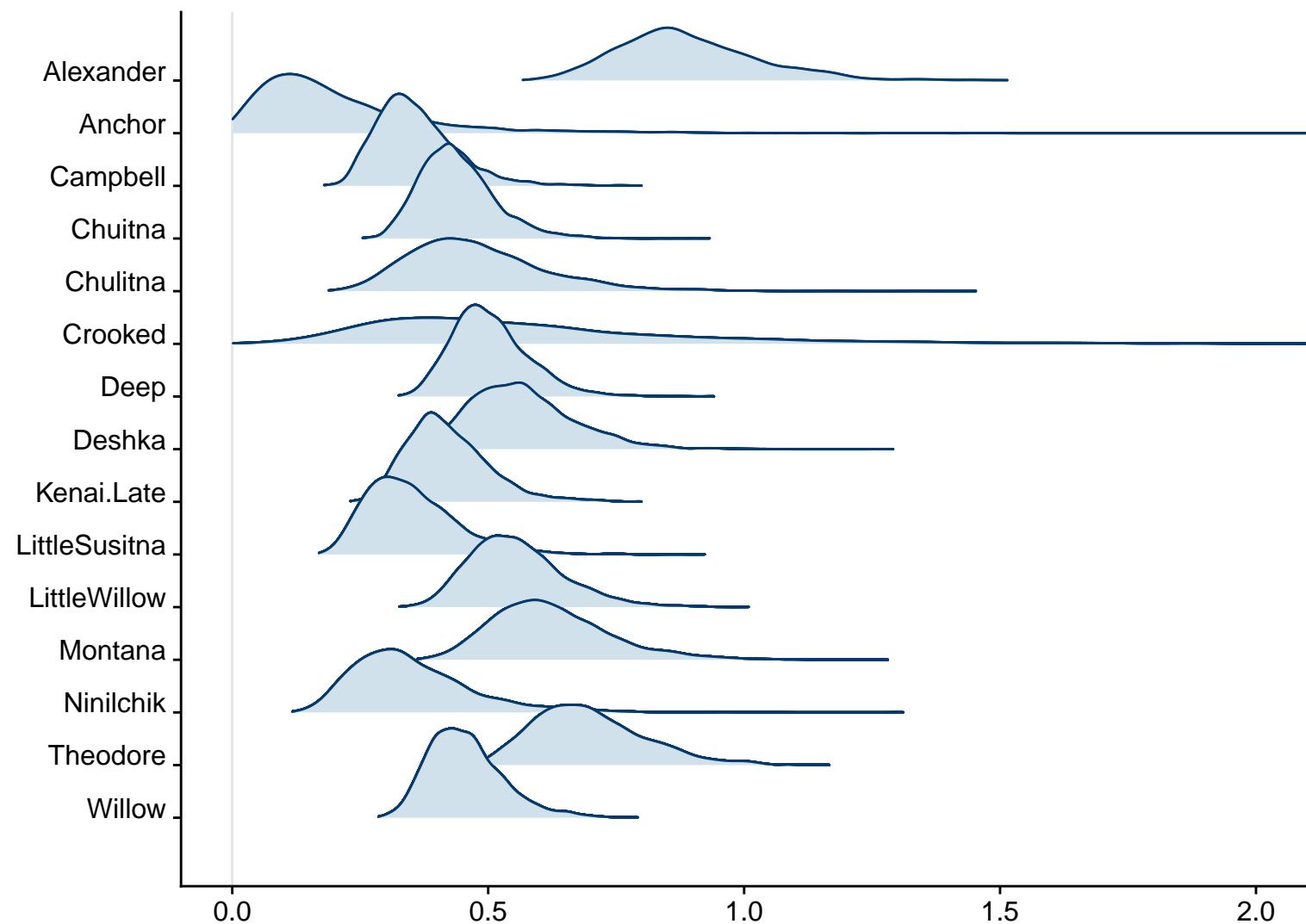
## Equilibrium Abundance (Beta) in Thousands

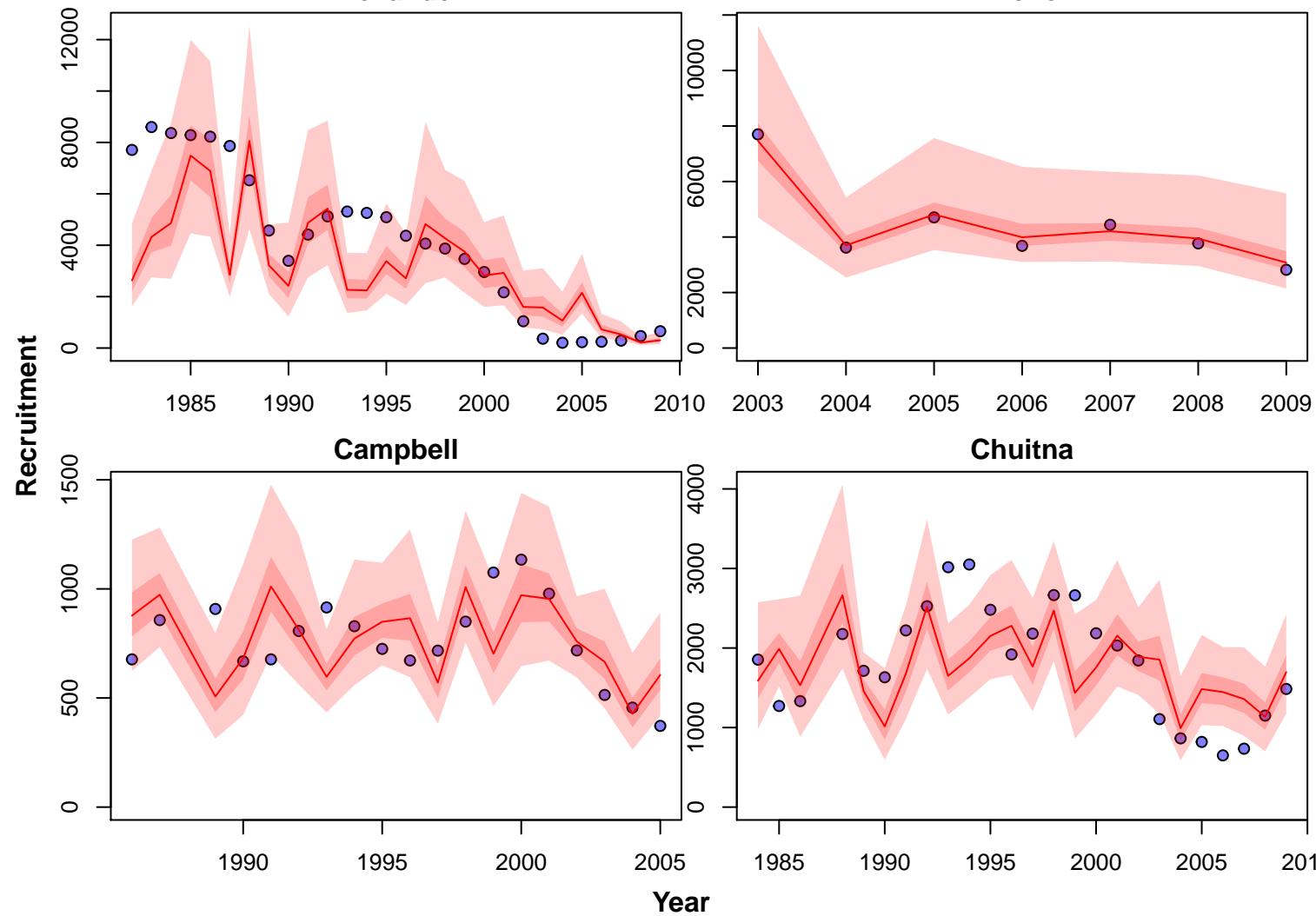


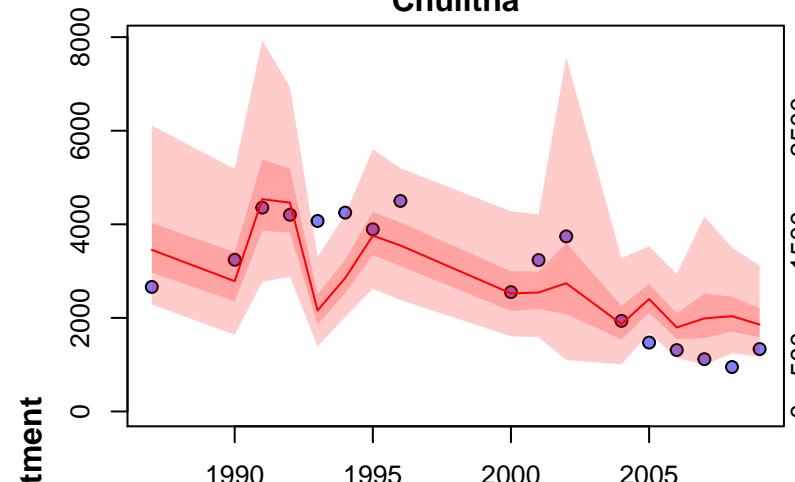
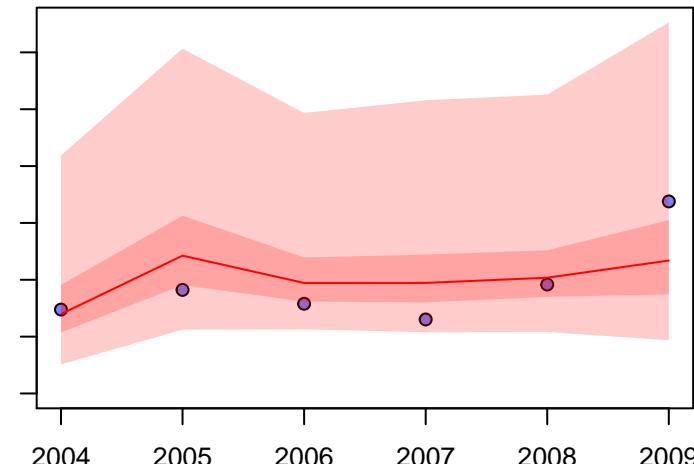
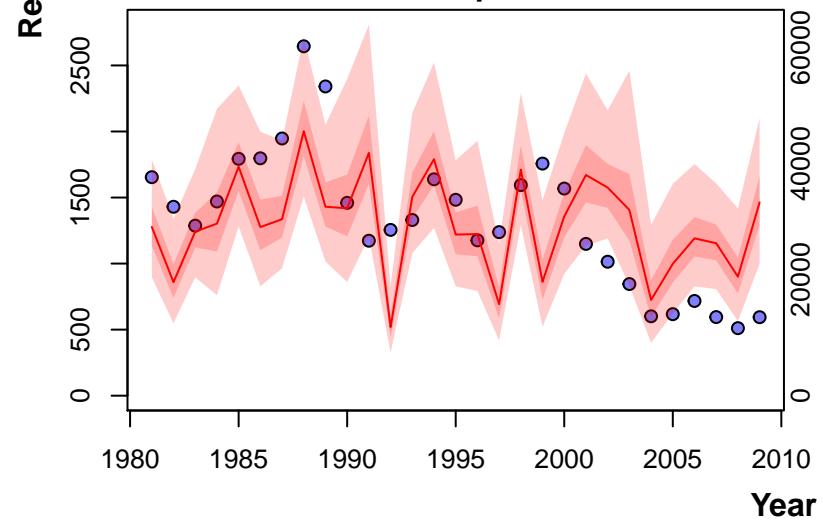
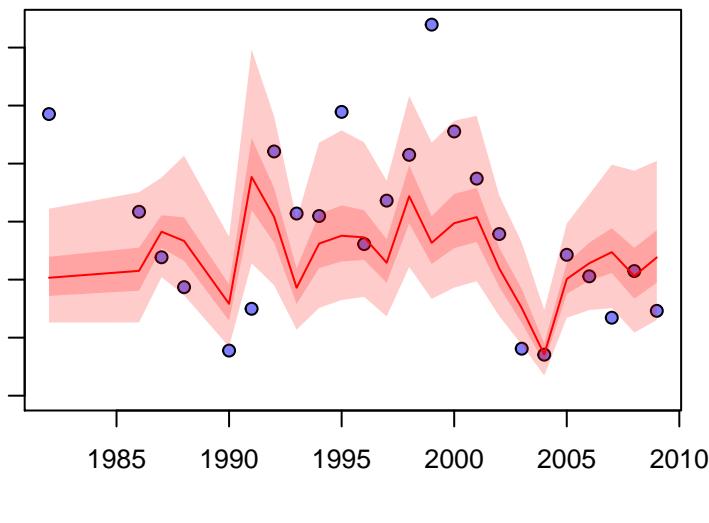
## Process Error (SD)



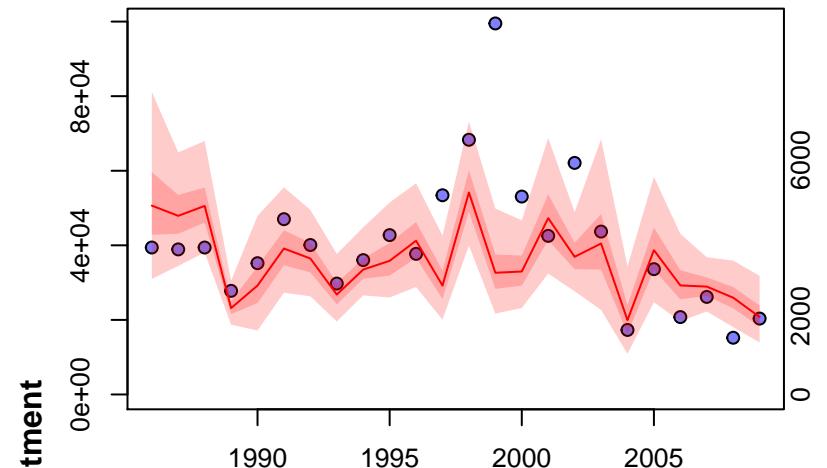
## Process Error (SD)



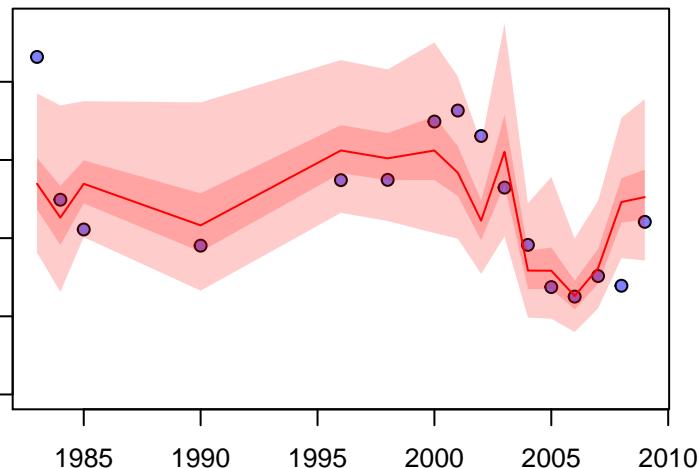
**Alexander****Anchor****Campbell****Chuitna****Year**

**Chulitna****Crooked****Deep****Deshka**

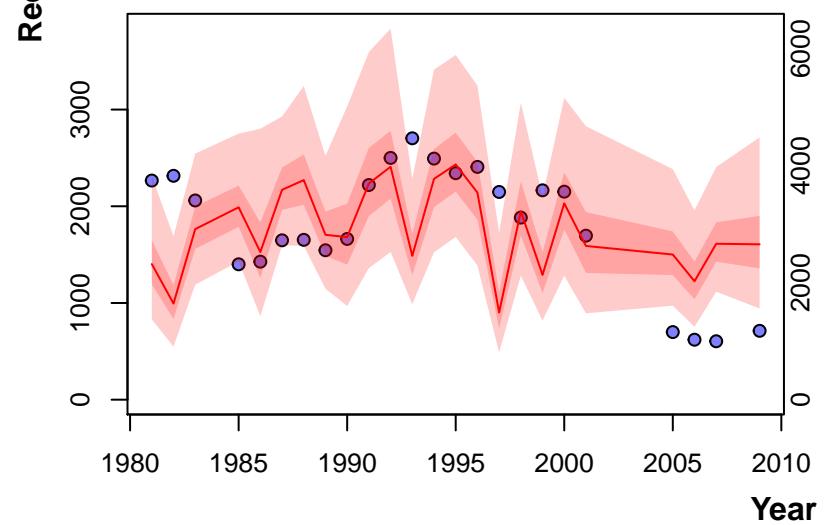
### Kenai.Late



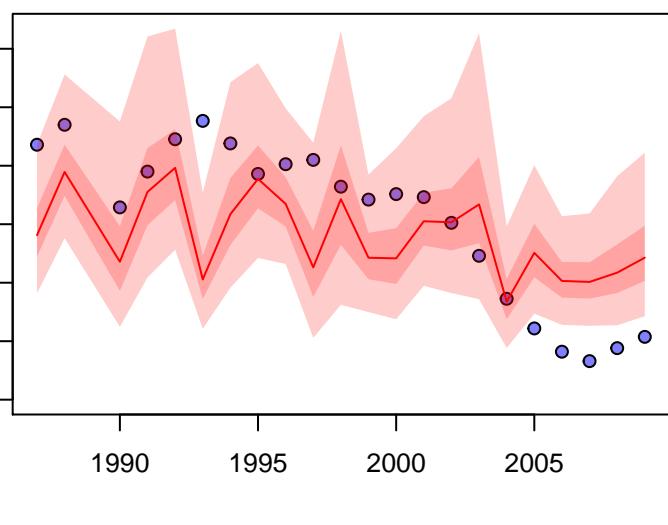
### LittleSusitna



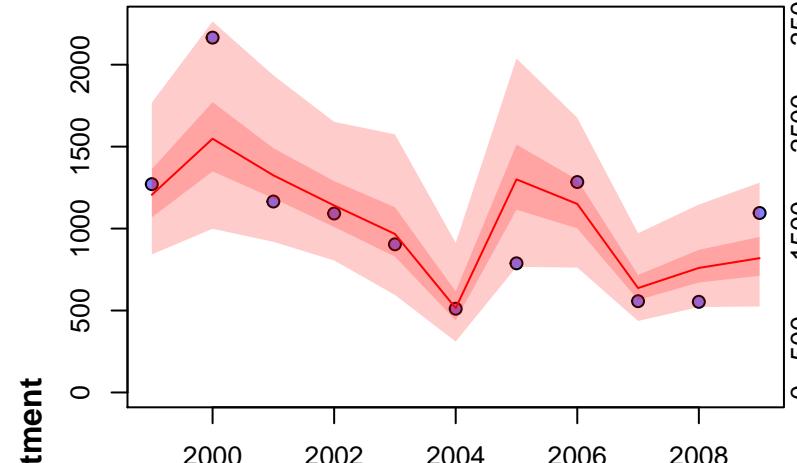
### LittleWillow



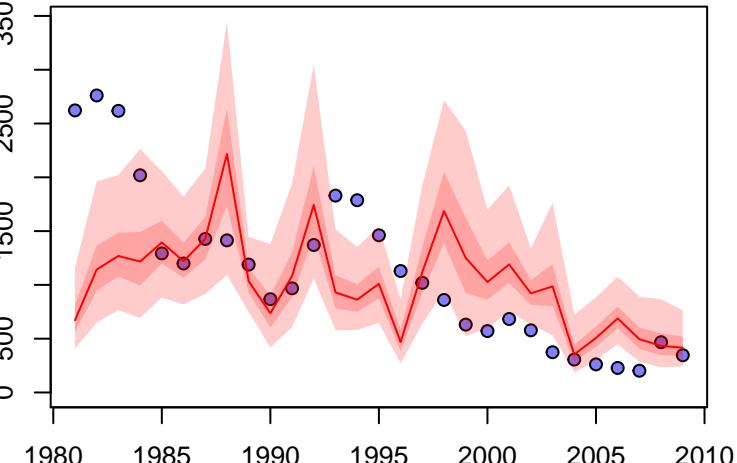
### Montana



### Ninilchik



### Theodore



### Willow

