

## Hyper Means

mean = -0.038

95% HDI  
-0.1290 0.0528

mean = -0.0208

95% HDI  
-0.0987 0.0576

mean = -0.0868

95% HDI  
-0.1700 0.0313

maxT\_spawn

RB\_spawn

medianQ

mean = -0.00671

95% HDI  
-0.1070 0.0949

mean = -0.0745

95% HDI  
-0.1500 0.0906

mean = -0.0383

95% HDI  
-0.1230 0.044

avgT\_grow

RB\_emerge

breakup

mean = -0.132

95% HDI  
-0.2190 0.0442

mean = 0.102

95% HDI  
0.0199 0.184

mean = -0.0594

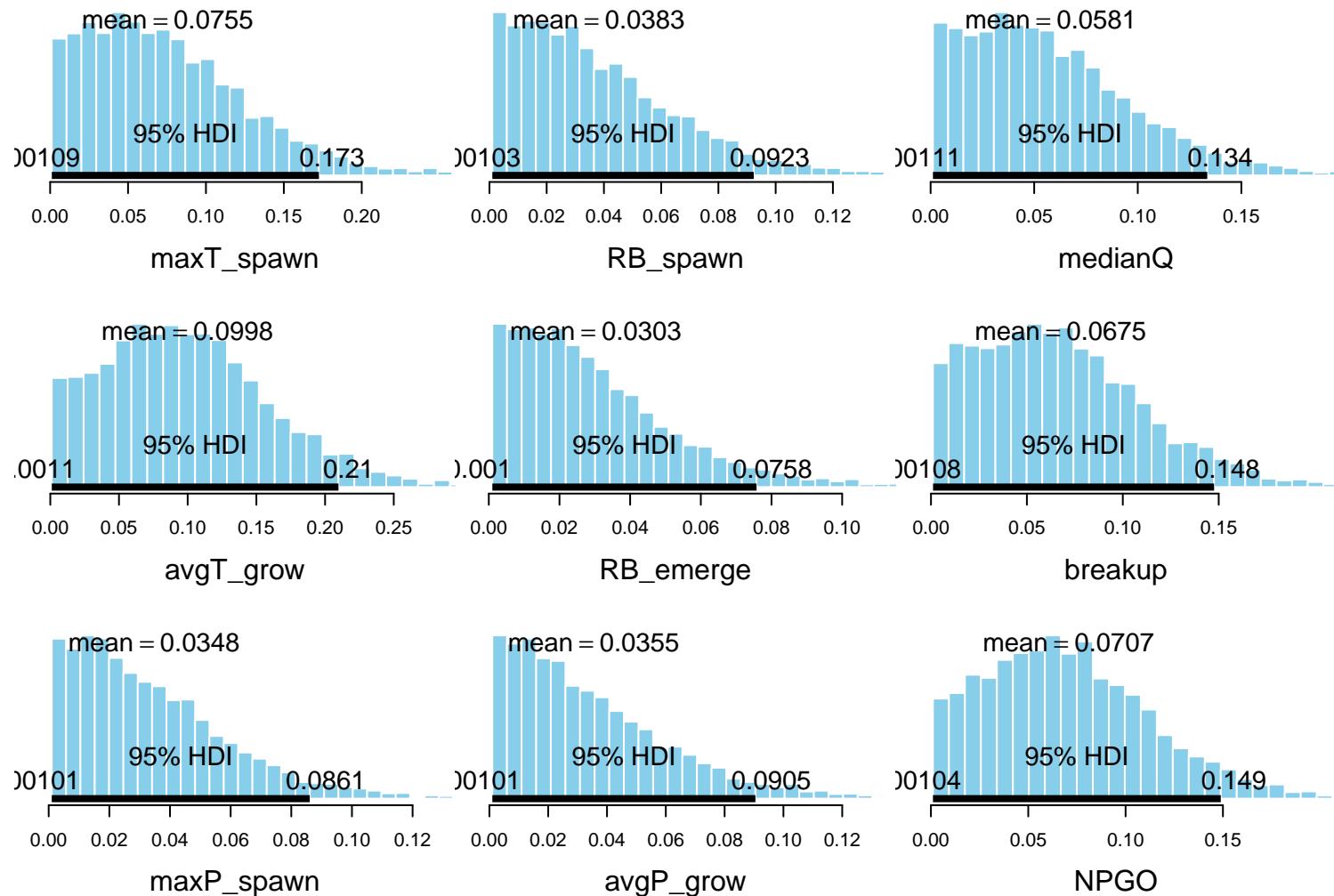
95% HDI  
-0.1400 0.0191

maxP\_spawn

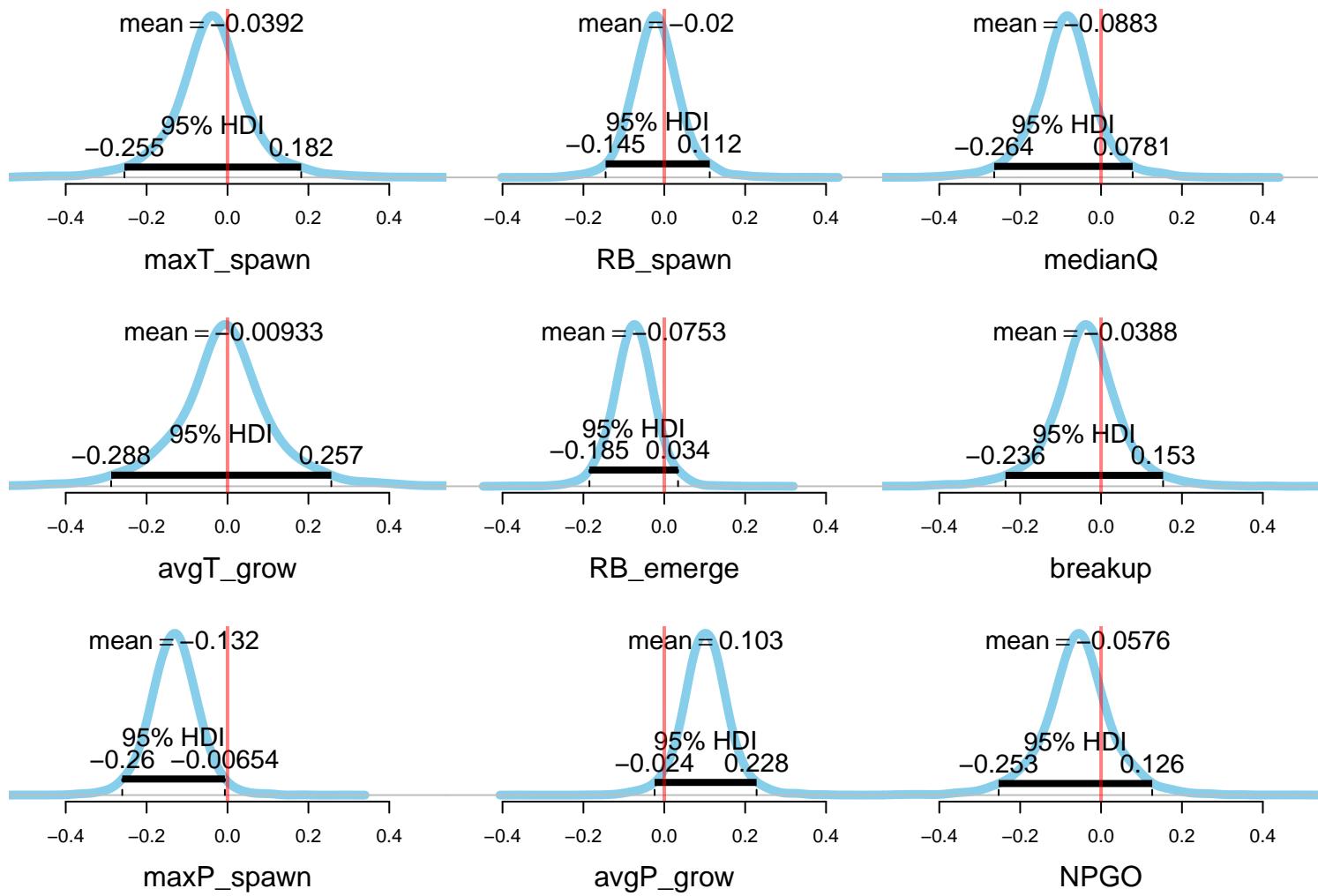
avgP\_grow

NPGO

# Hyper StDevs

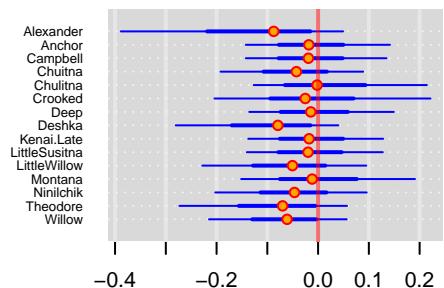


## Full Covariate Prior Distribution (dist.coef)

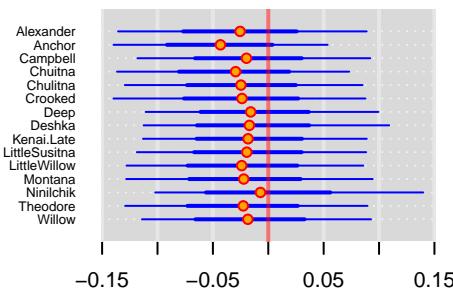


Population

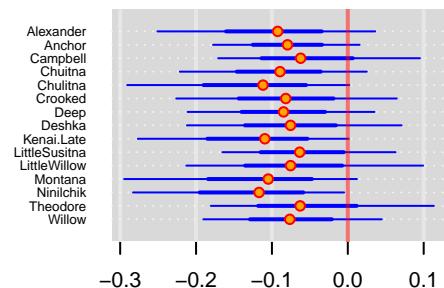
maxT\_spawn



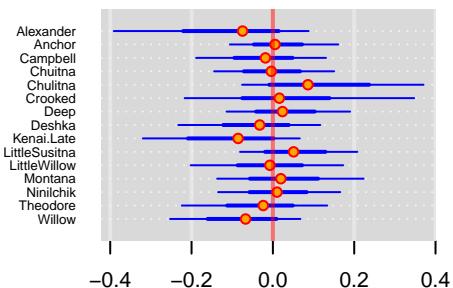
RB\_spawn



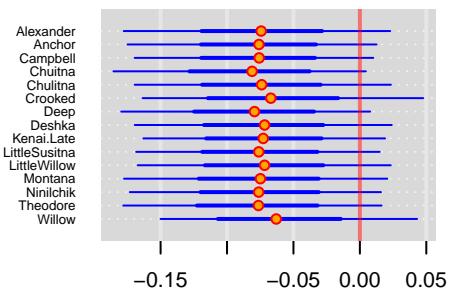
medianQ



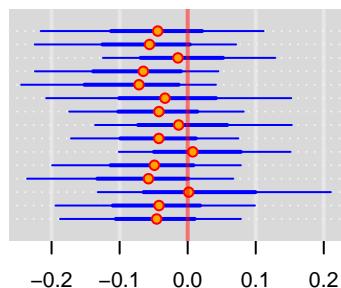
avgT\_grow



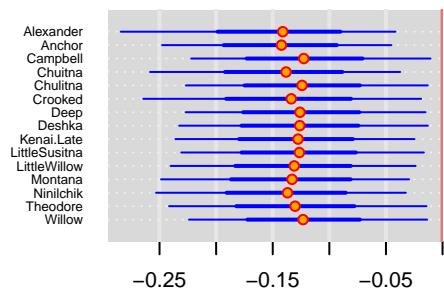
RB\_emerge



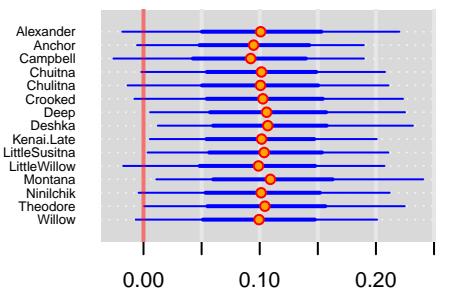
breakup



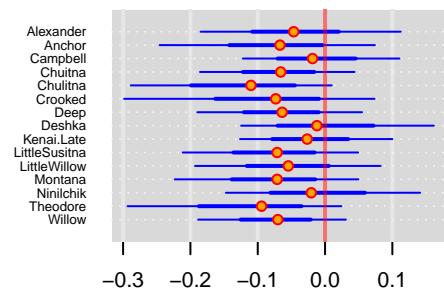
maxP\_spawn



avgP\_grow

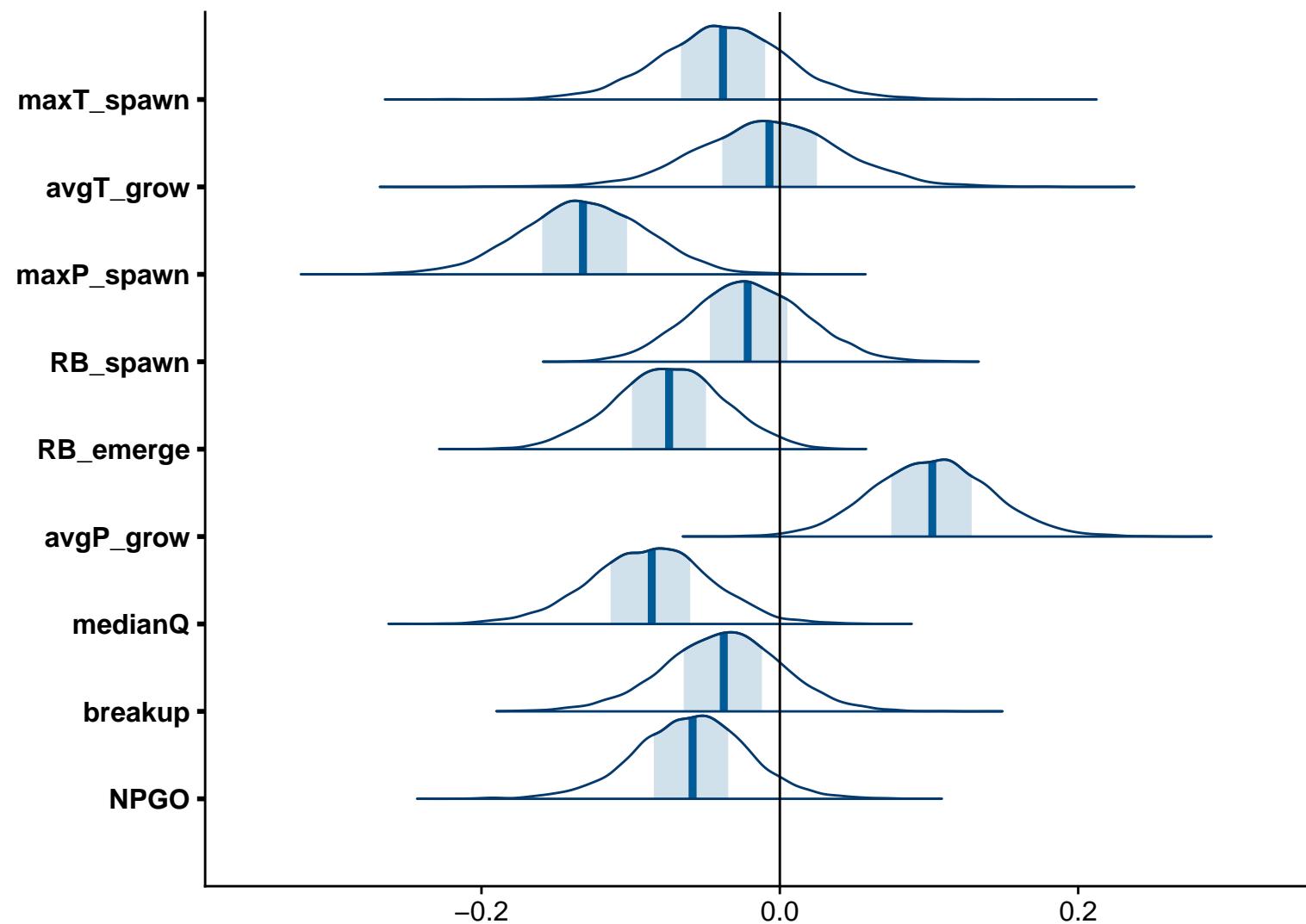


NPGO

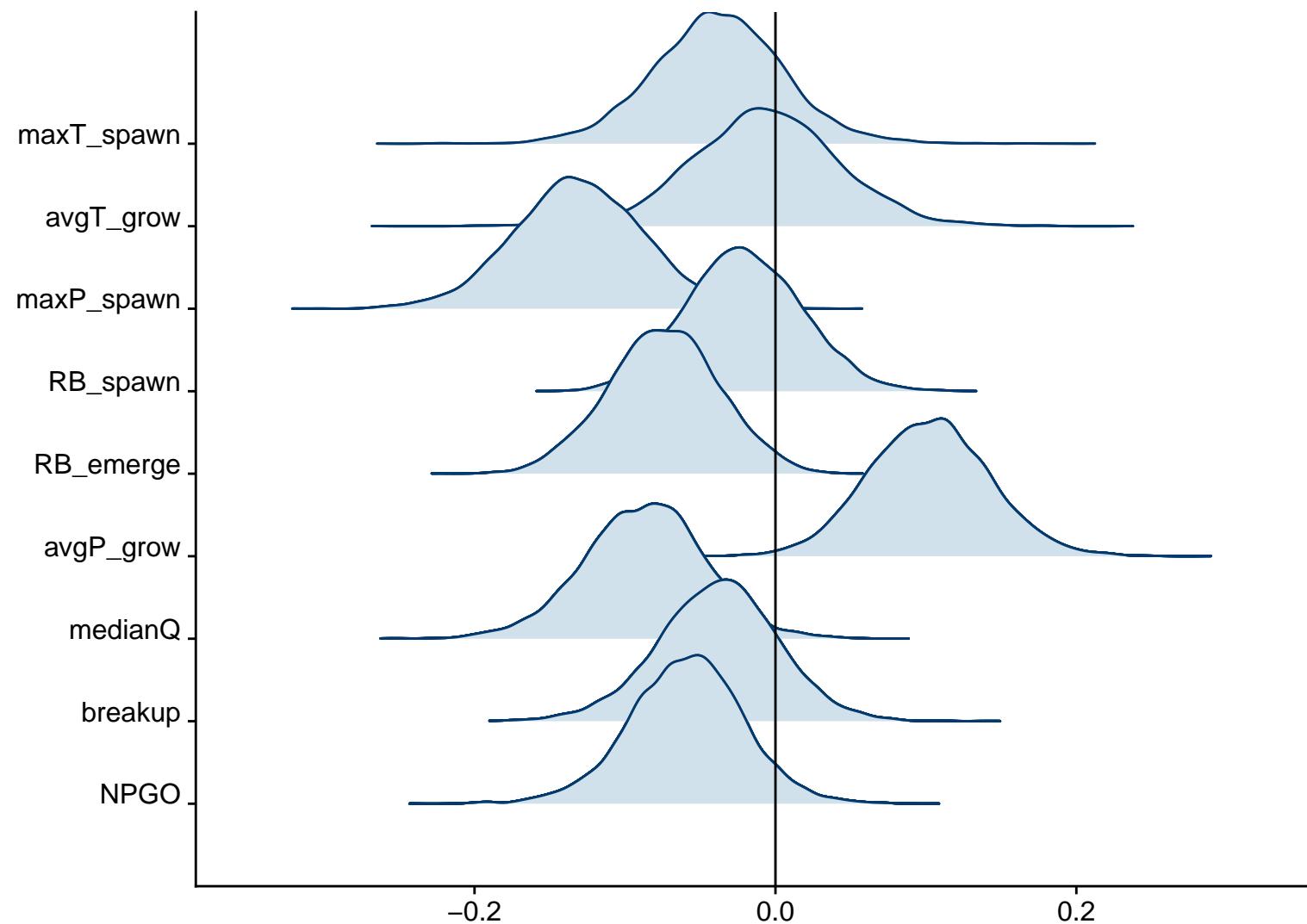


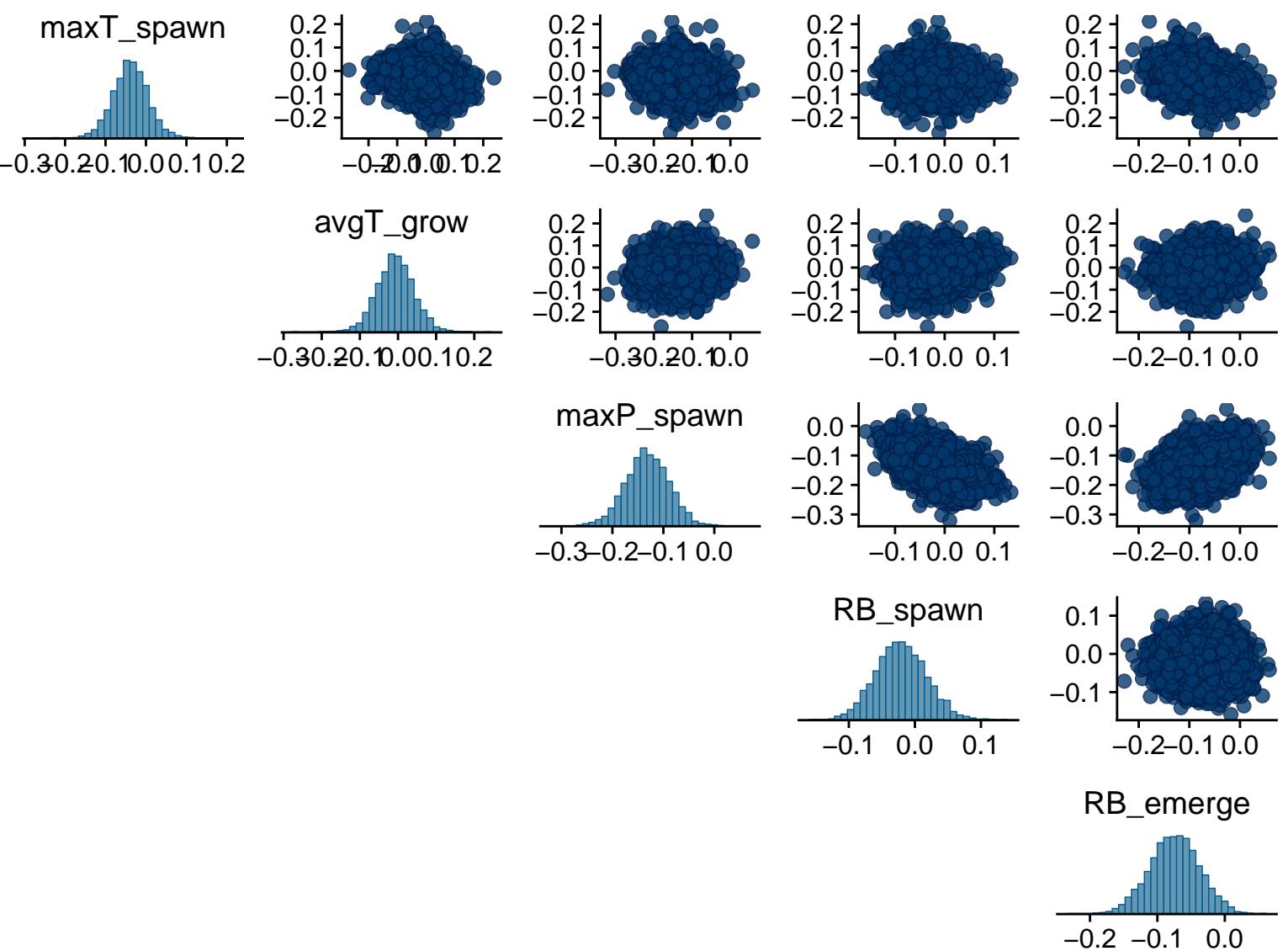
Coefficient (Effect)

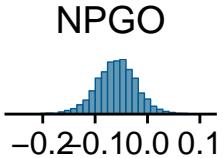
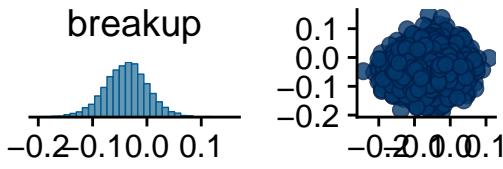
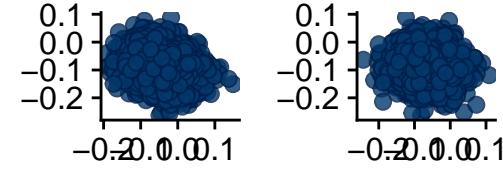
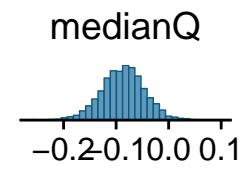
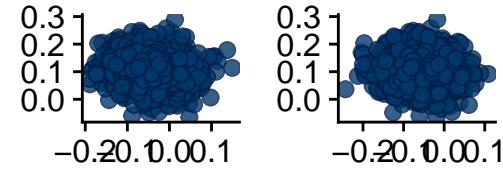
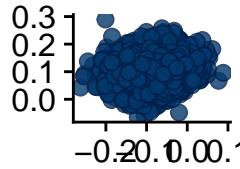
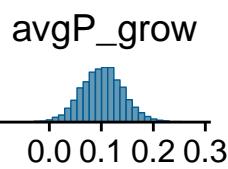
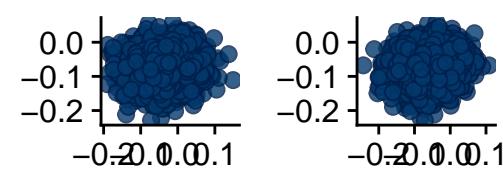
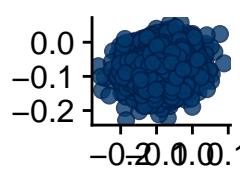
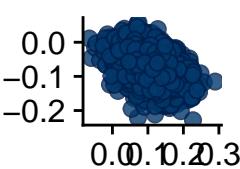
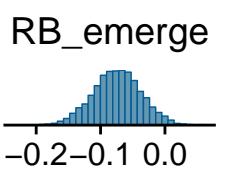
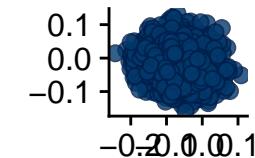
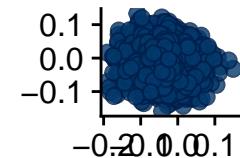
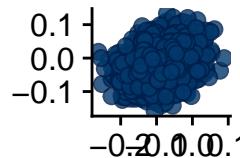
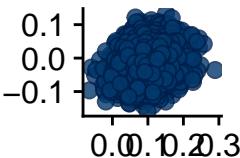
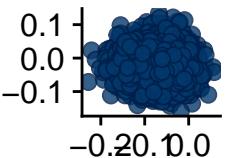
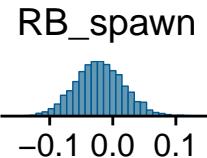
### Group Means (mu.coef)



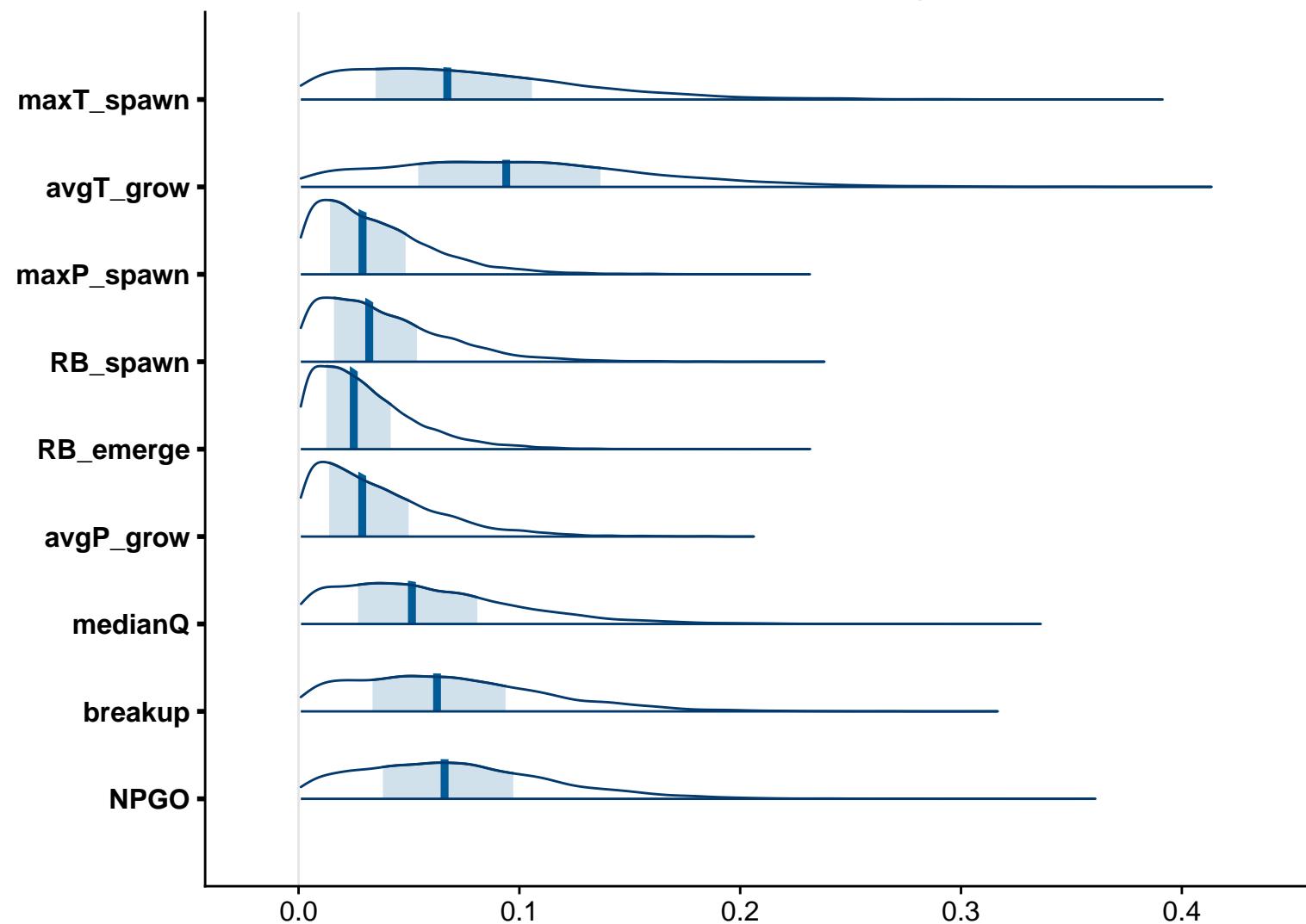
## Group Means (mu.coef)

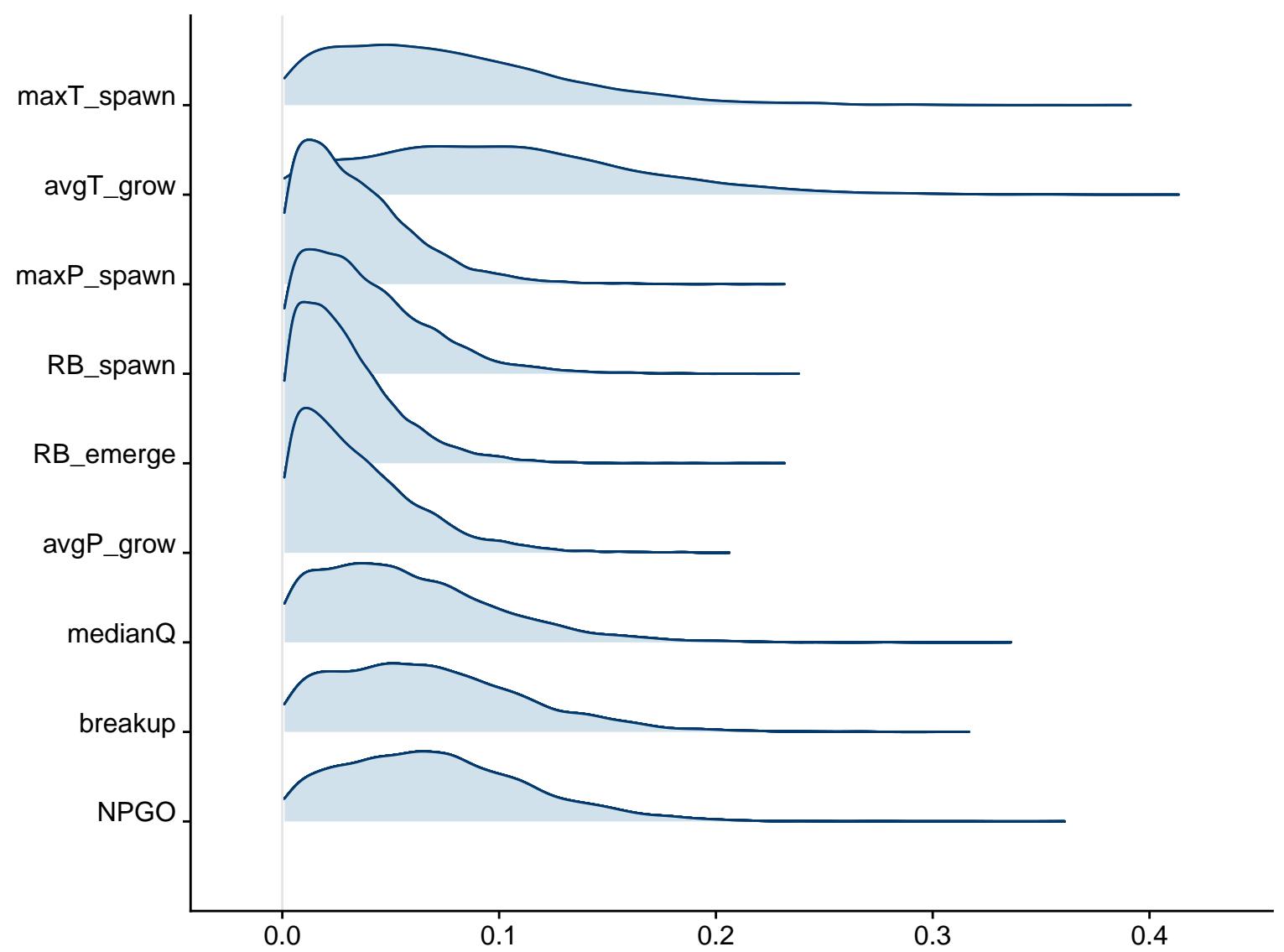




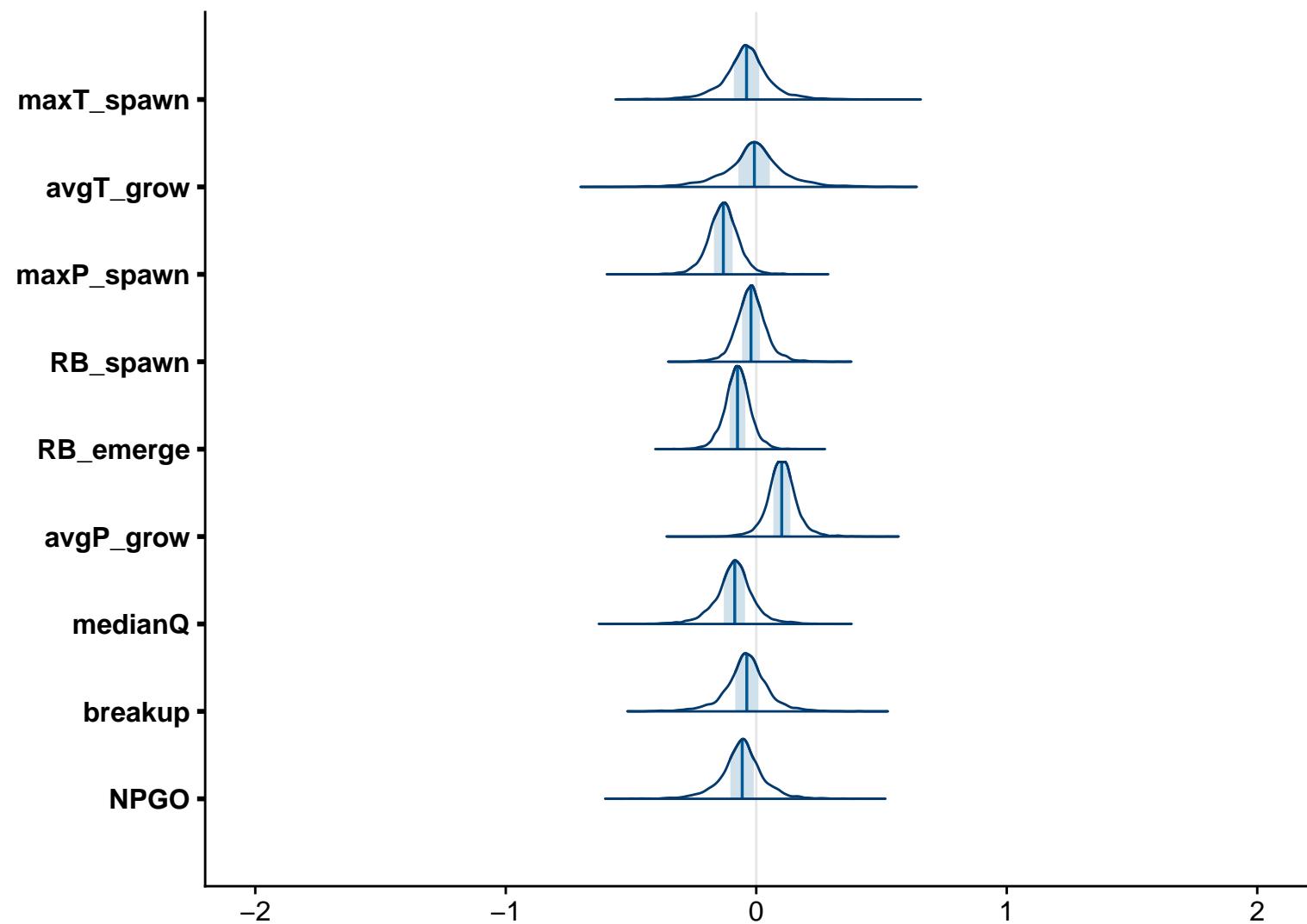


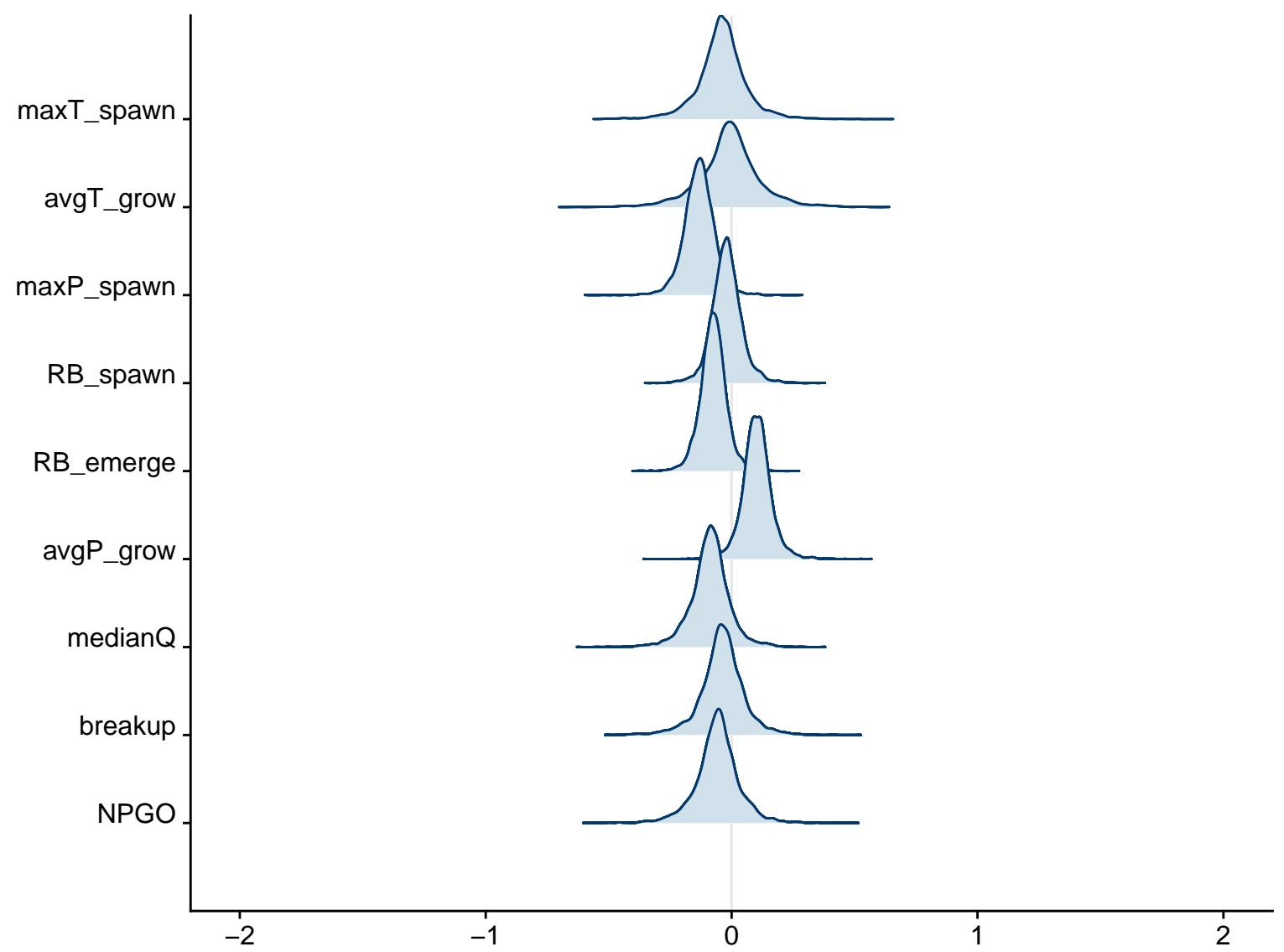
## Group Standard Deviations ( $\sigma.coef$ )



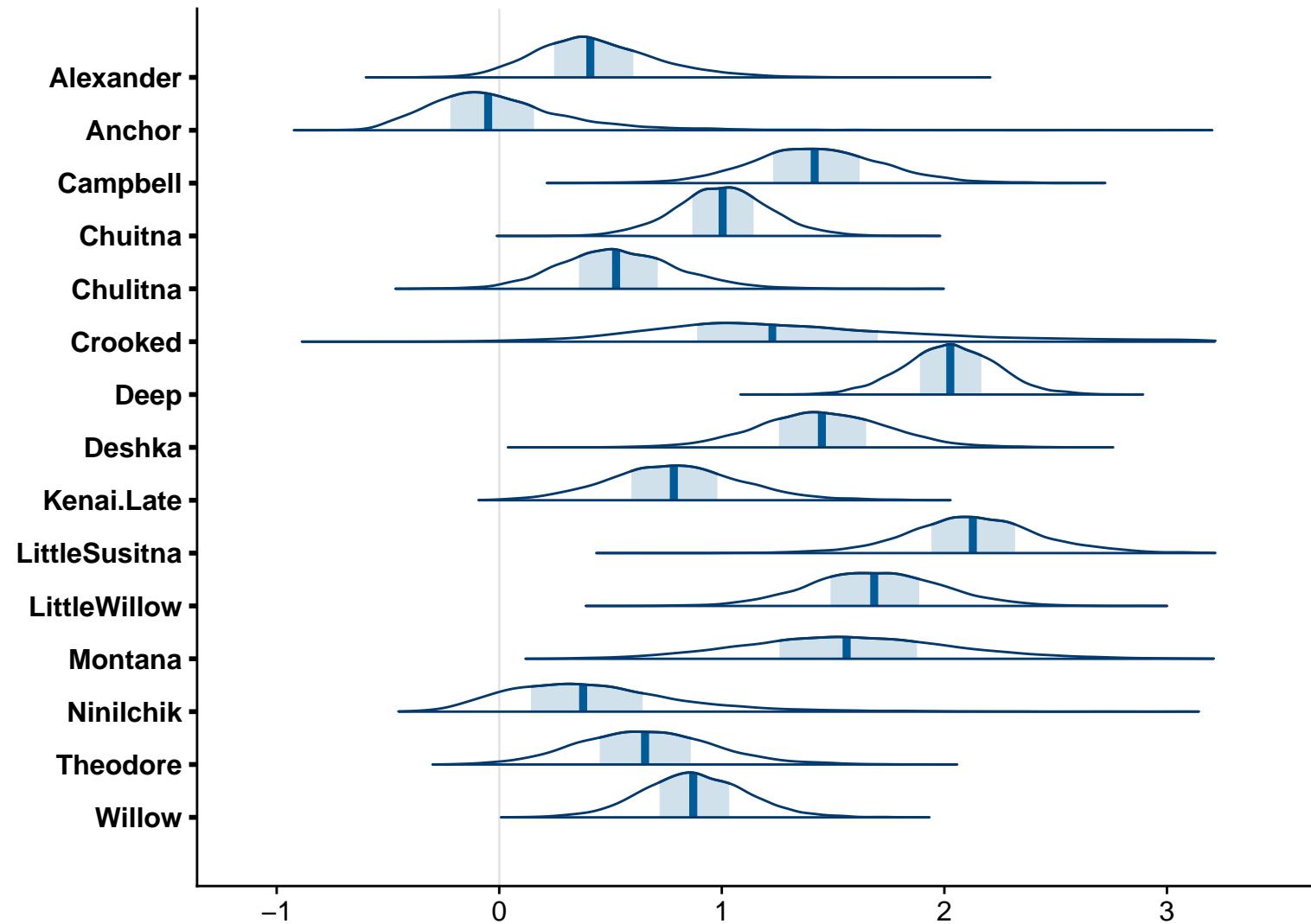


## Full Covariate Prior Distribution (dist.coef)

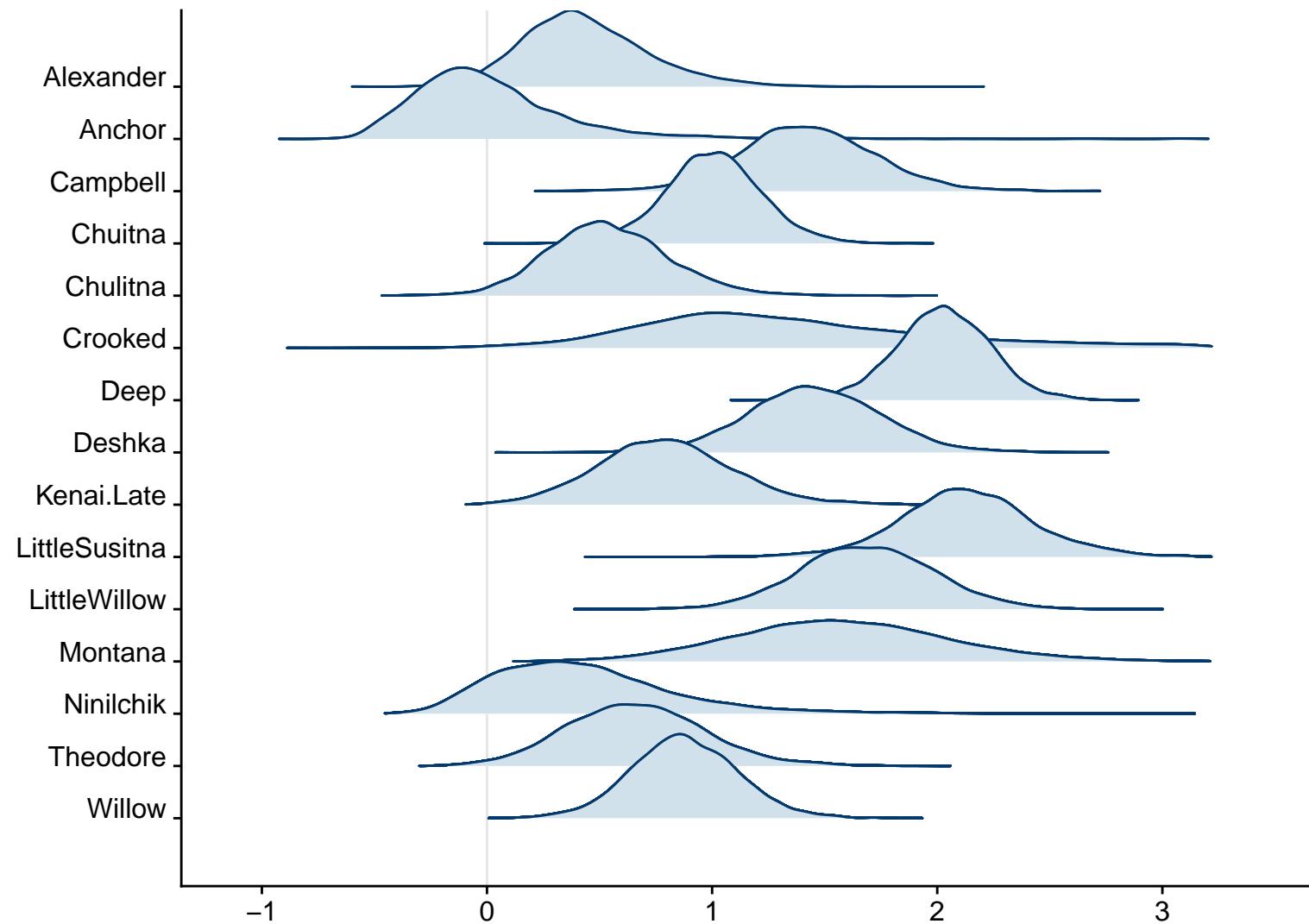




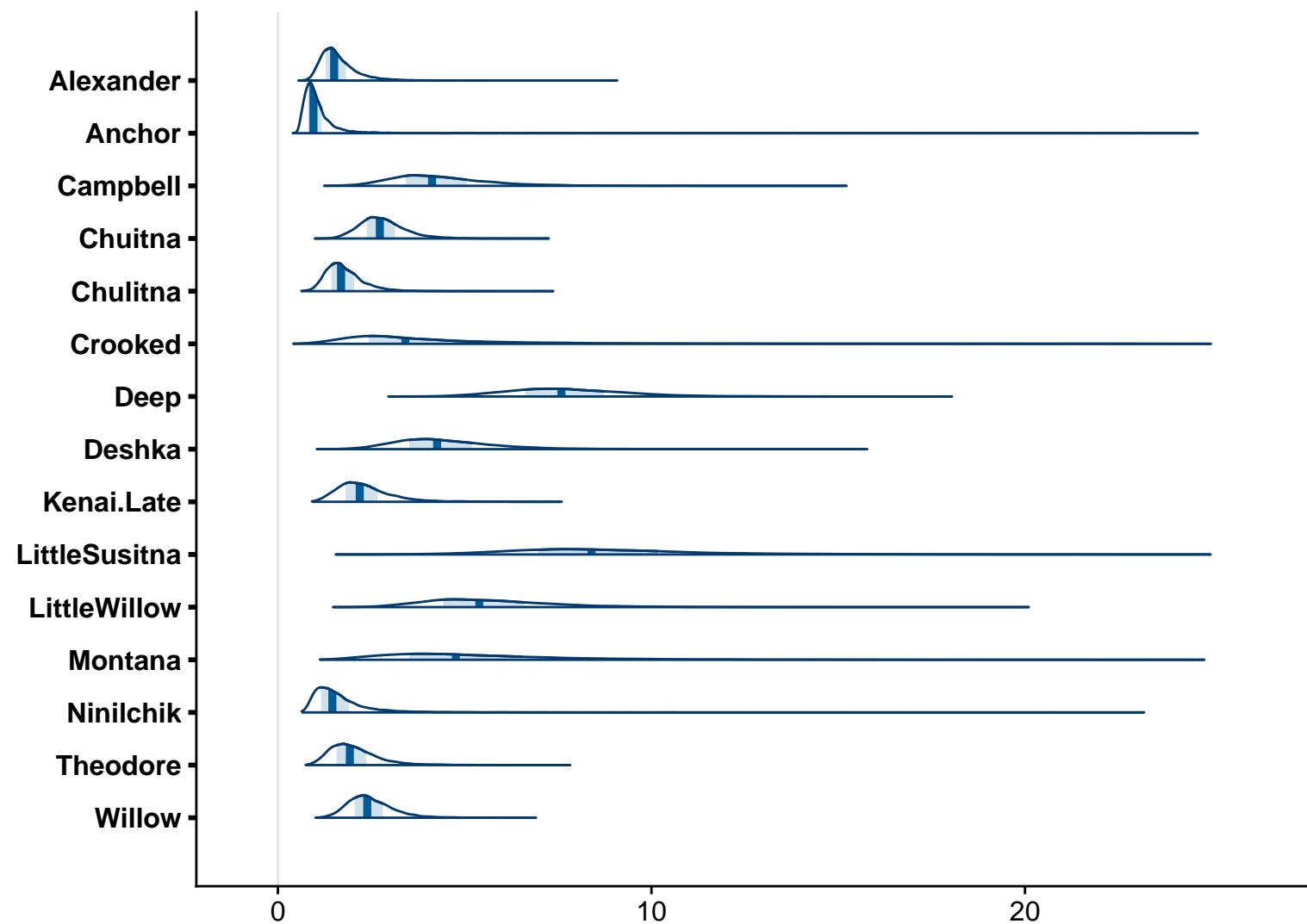
## Ricker Alpha



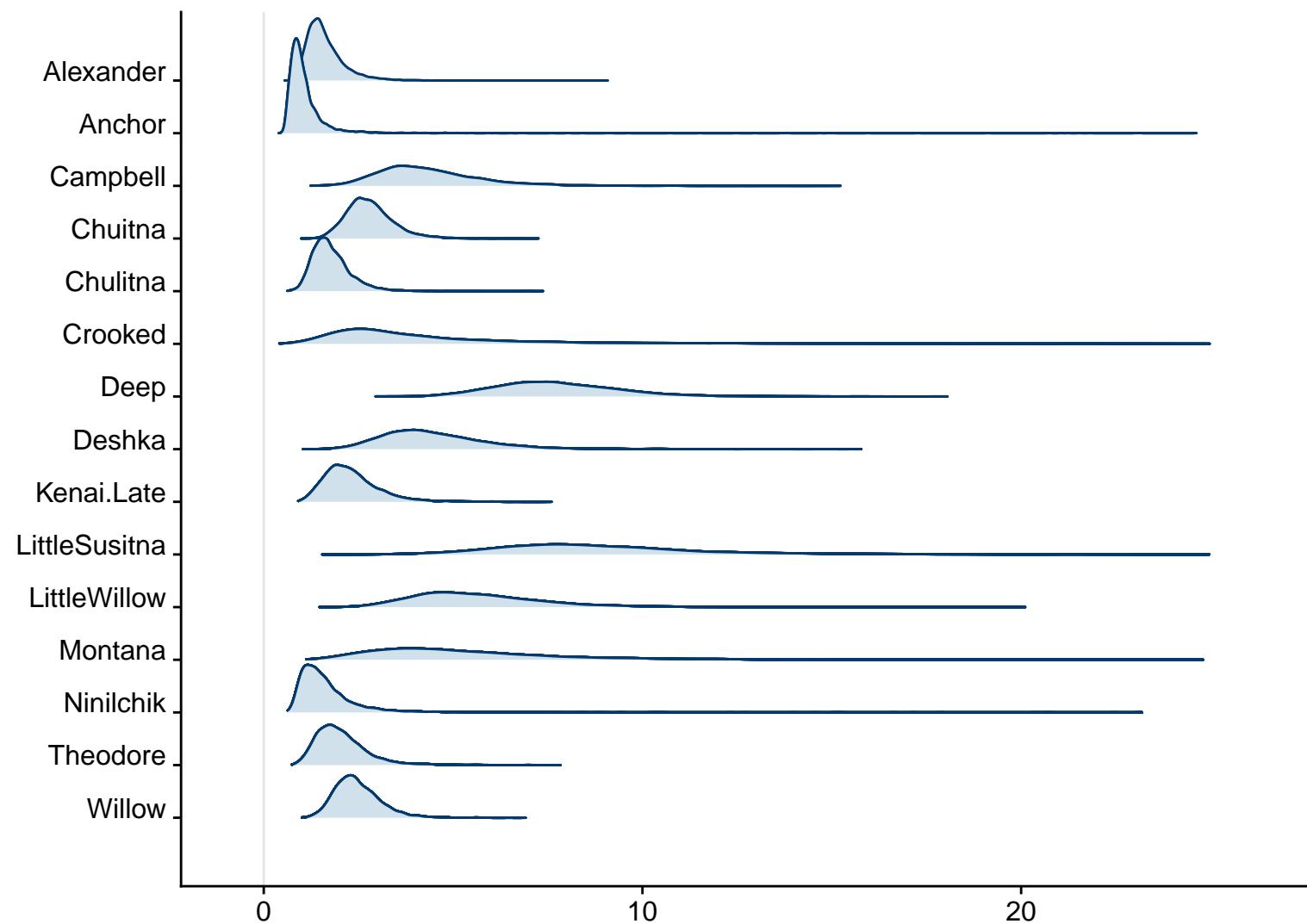
## Ricker Alpha



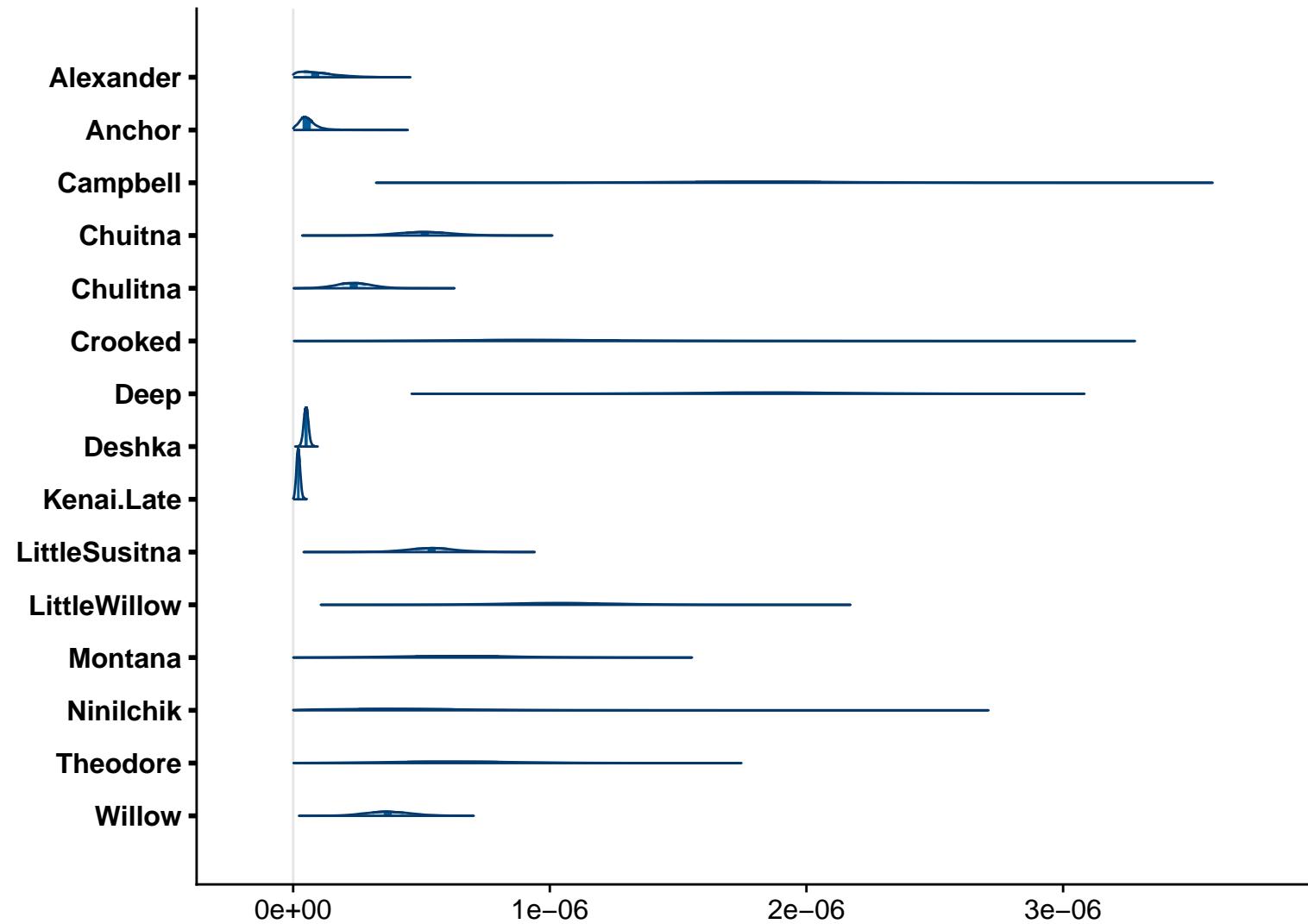
## Maximum Productivity RpS: exp(a)



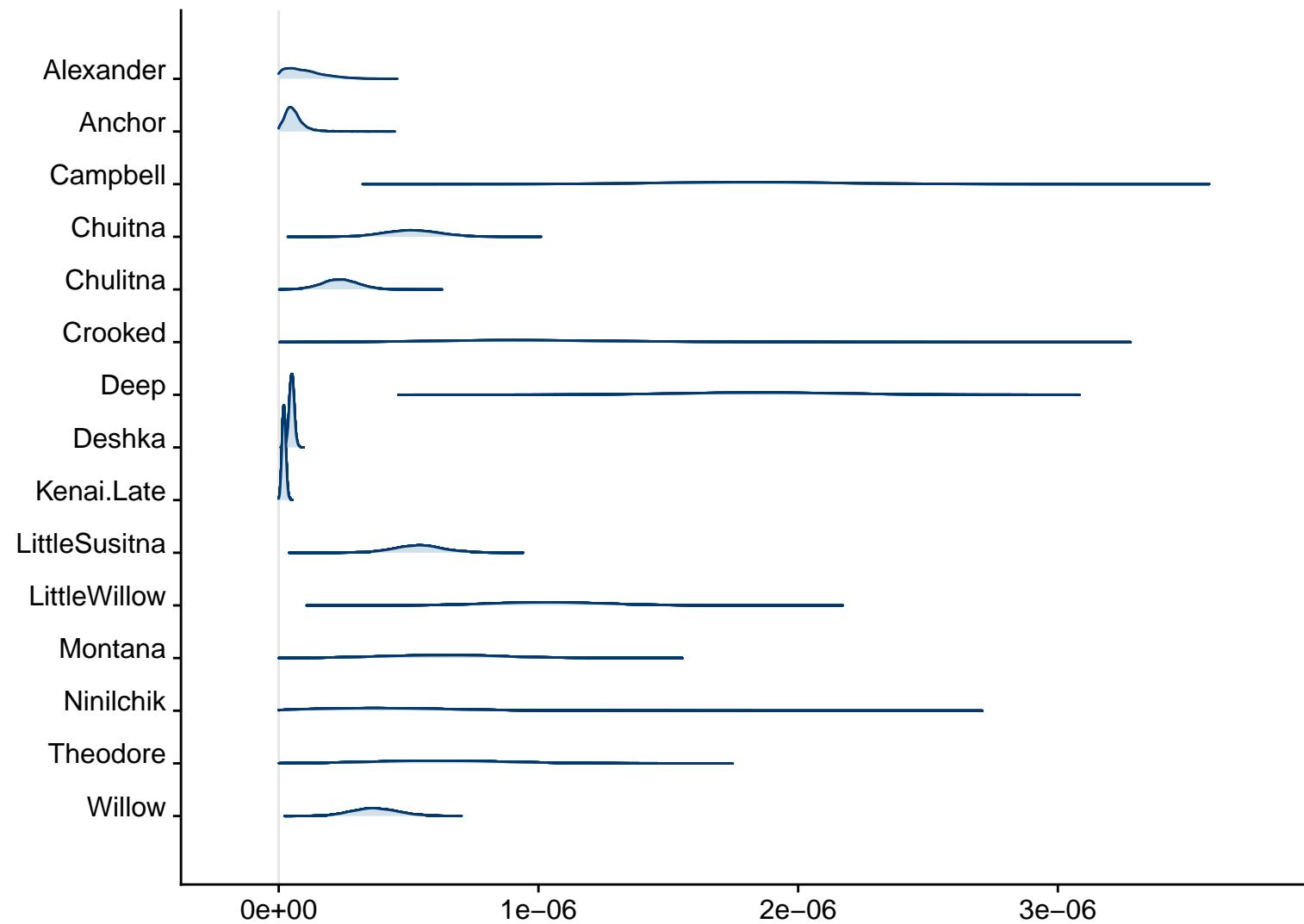
## Maximum Productivity RpS: $\exp(a)$



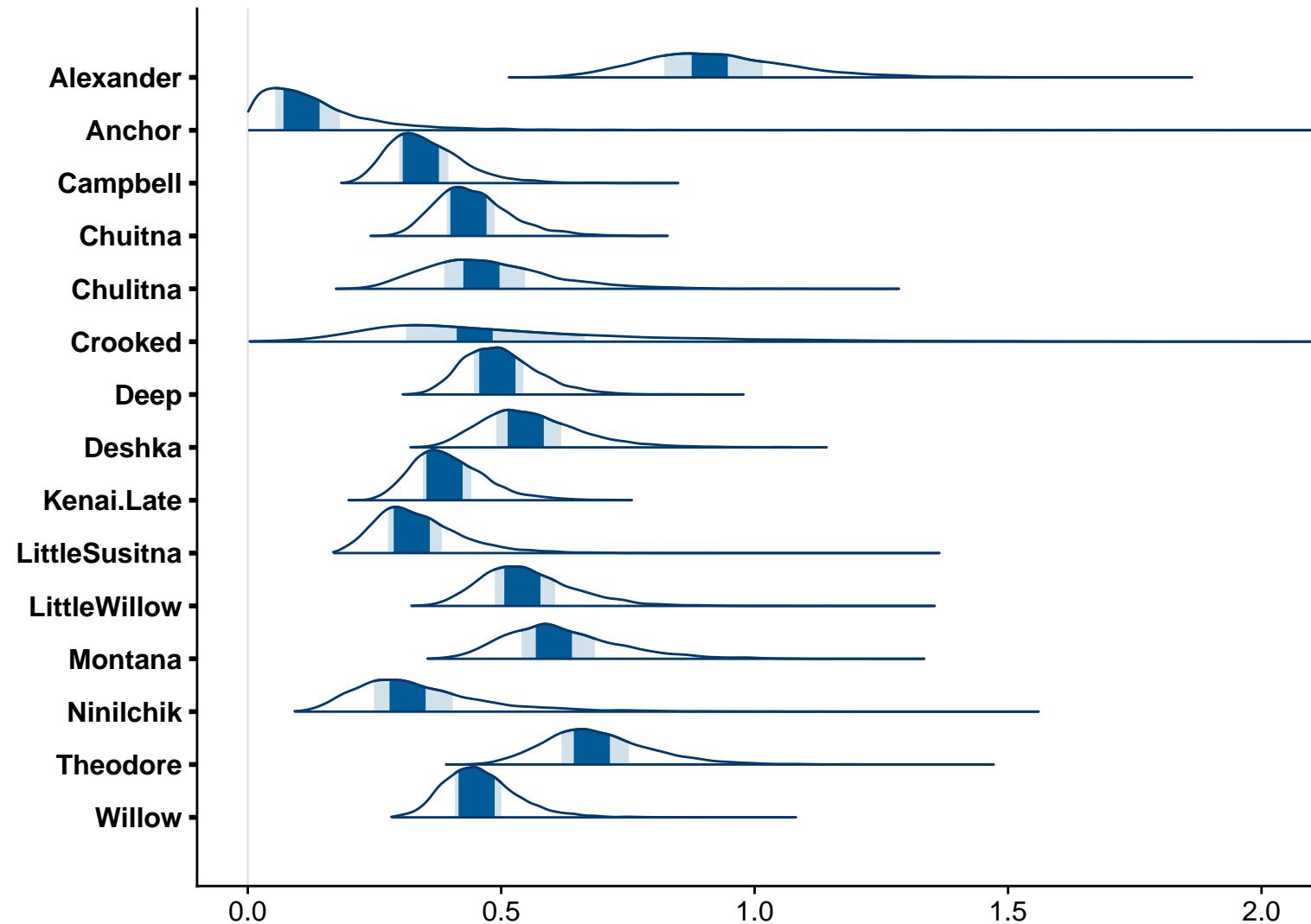
## Equilibrium Abundance (Beta) in Thousands



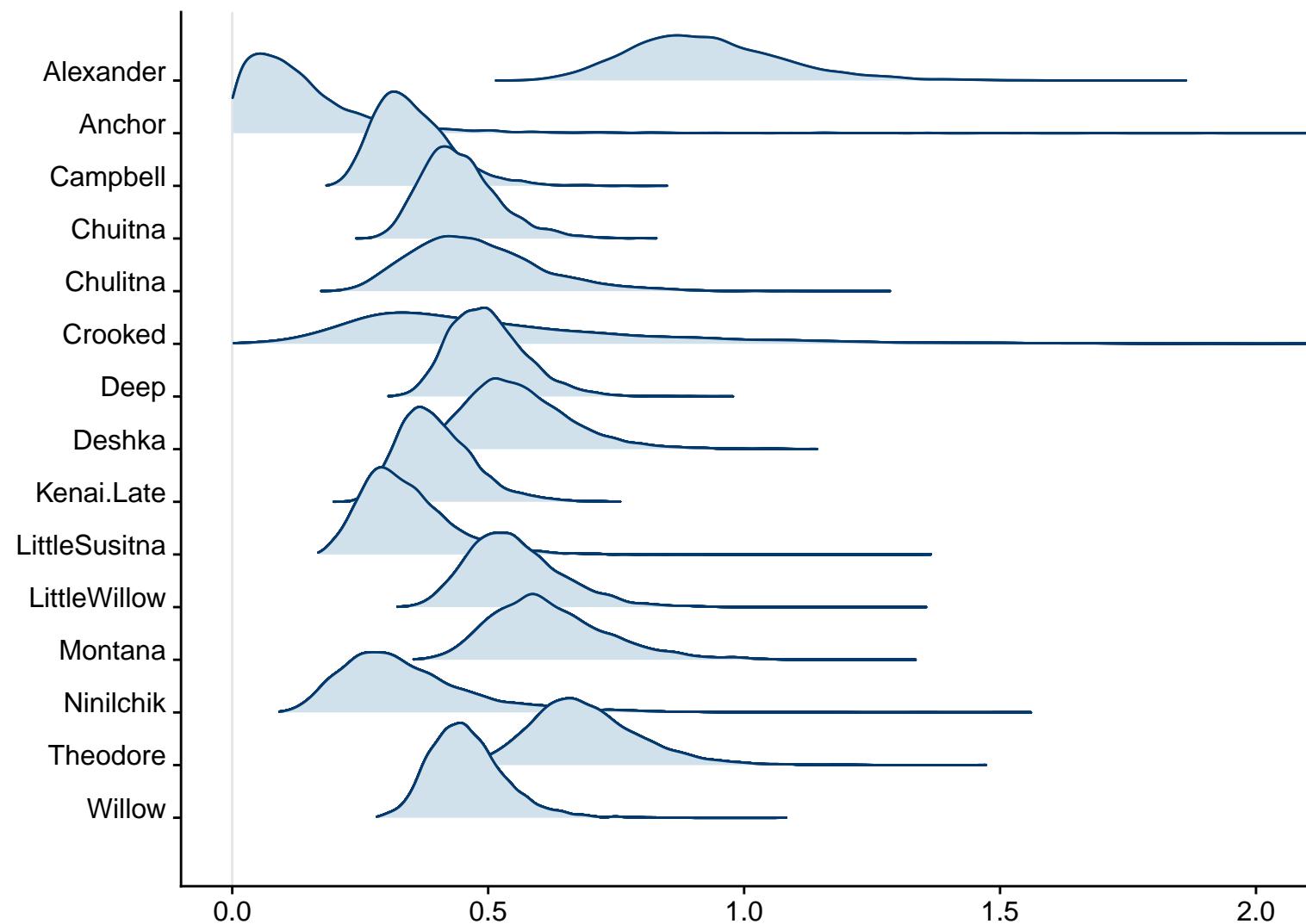
## Equilibrium Abundance (Beta) in Thousands

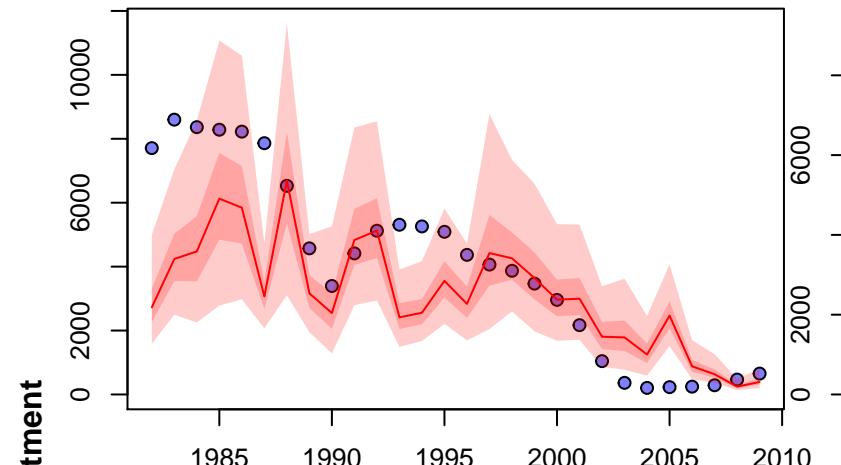
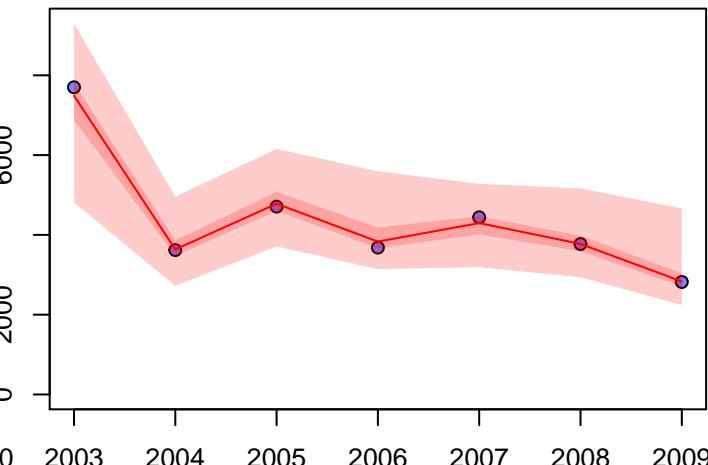
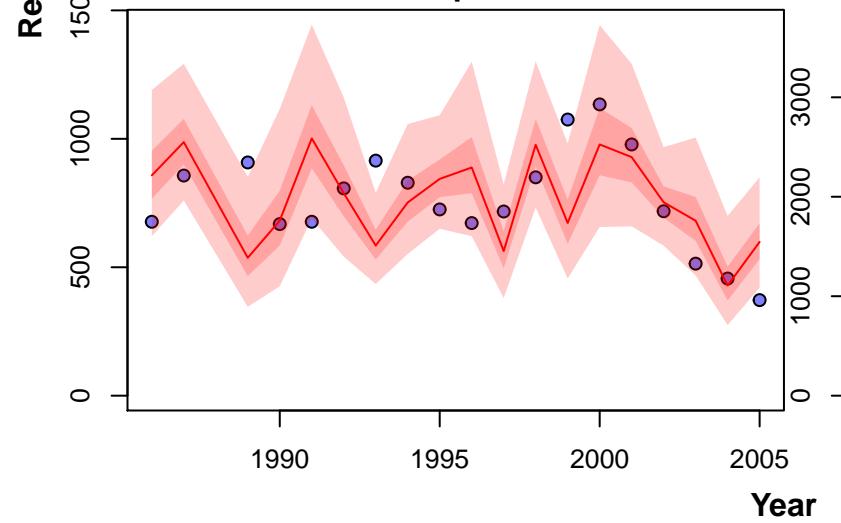
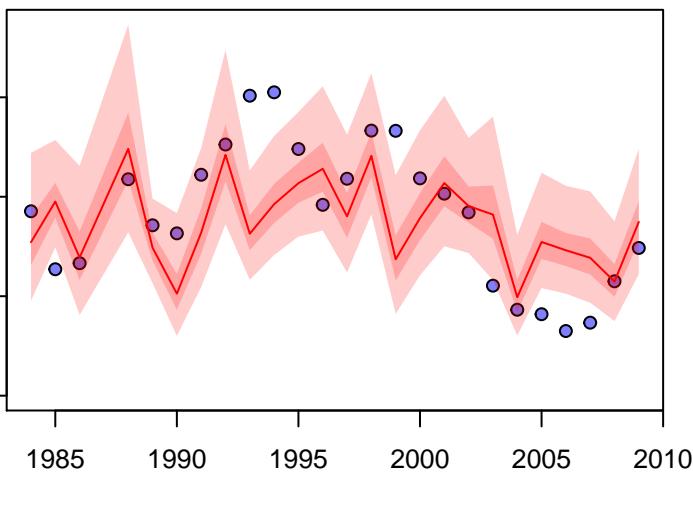


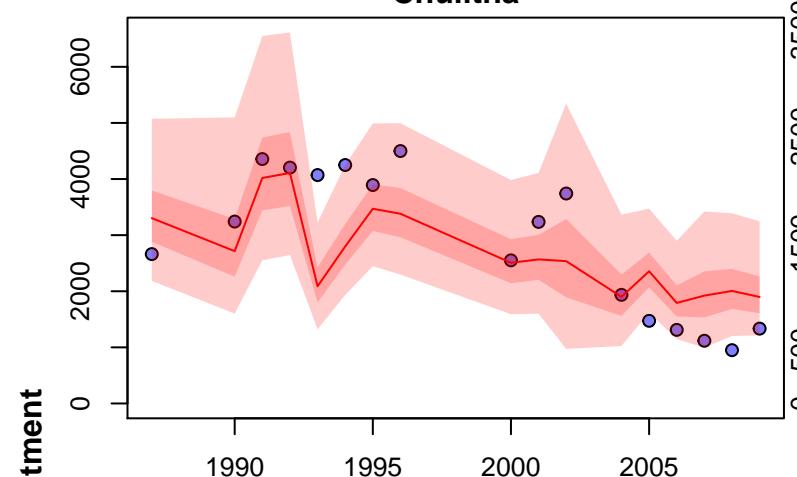
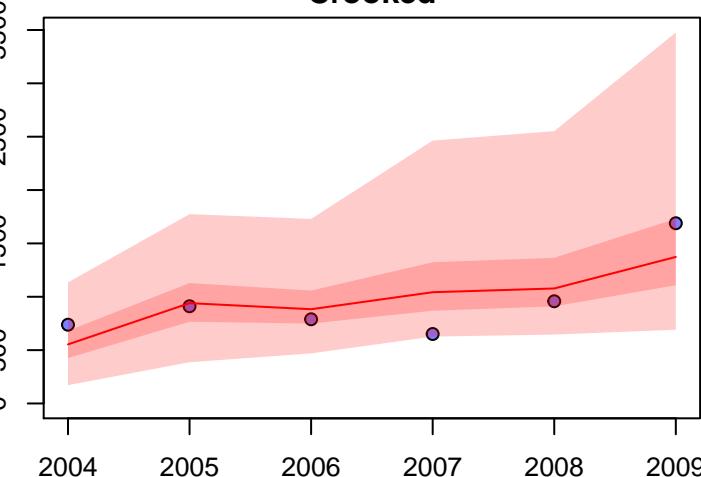
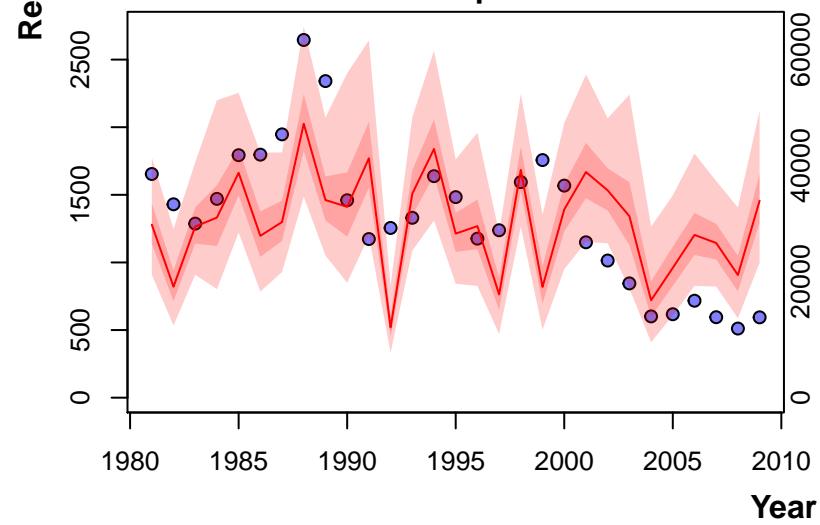
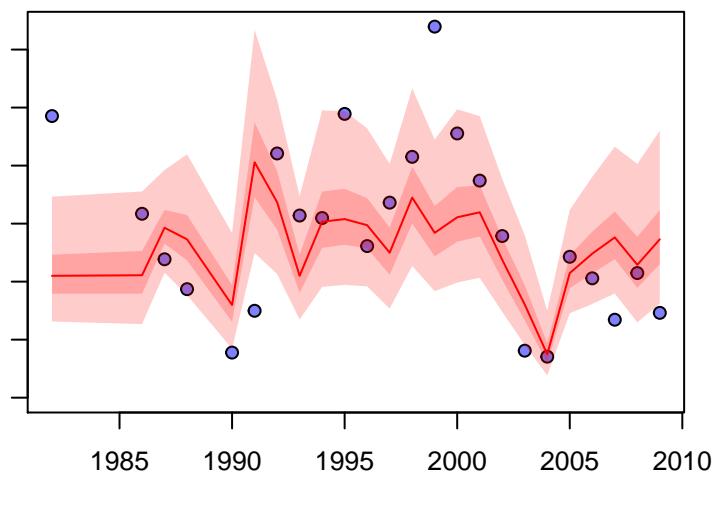
## Process Error (SD)



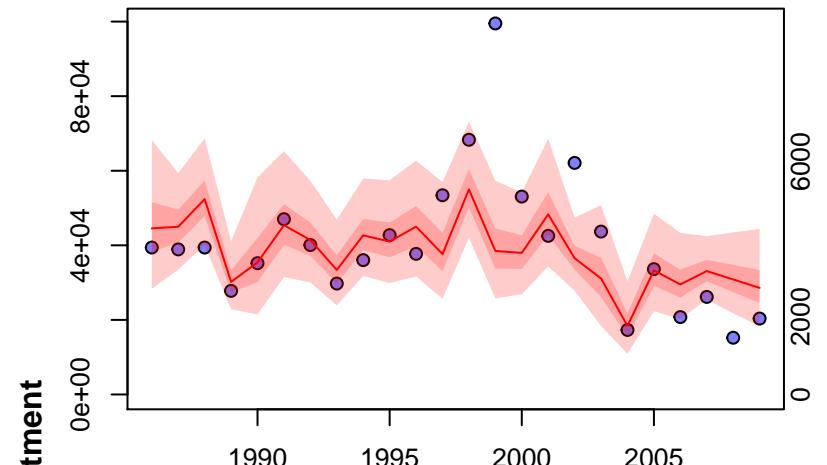
## Process Error (SD)



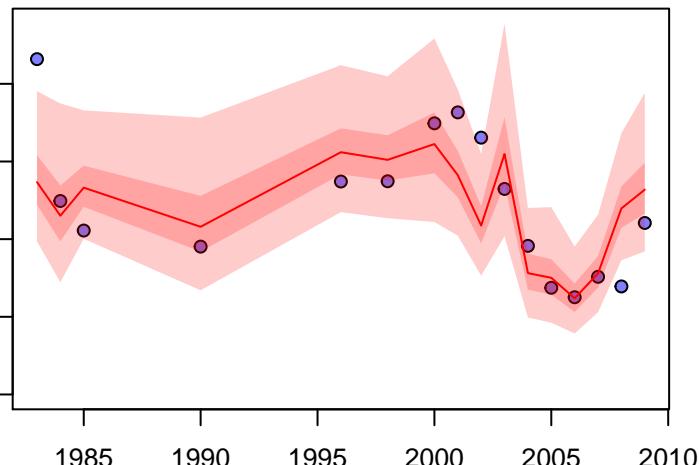
**Alexander****Anchor****Campbell****Chuitna****Year**

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

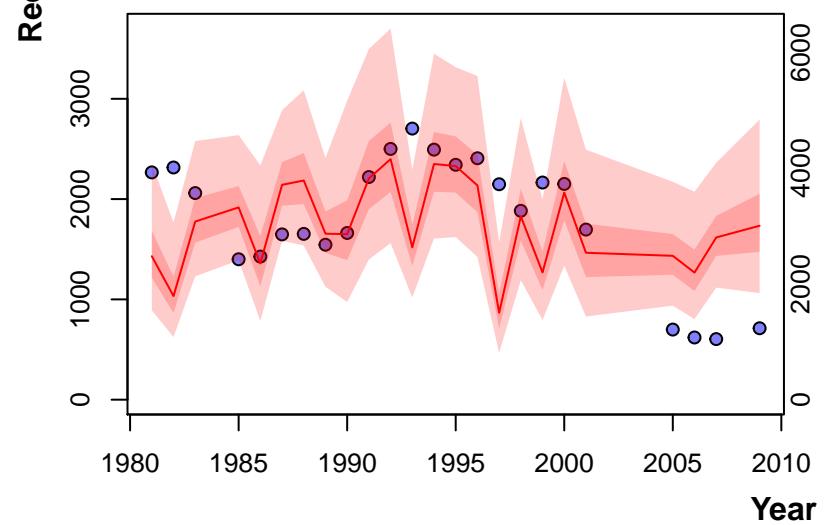
### Kenai.Late



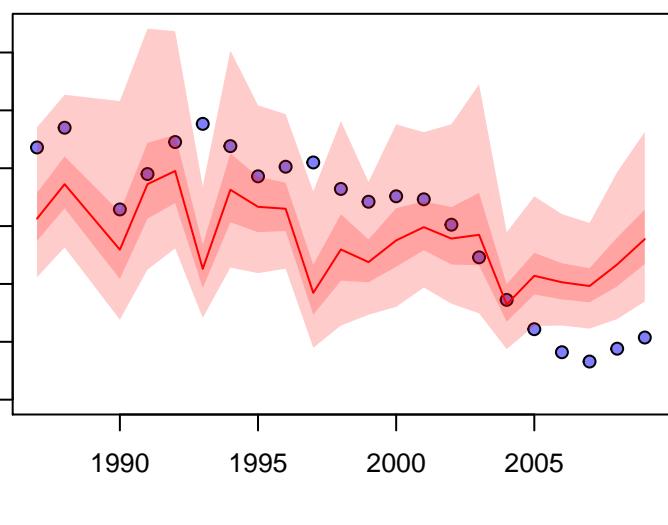
### LittleSusitna



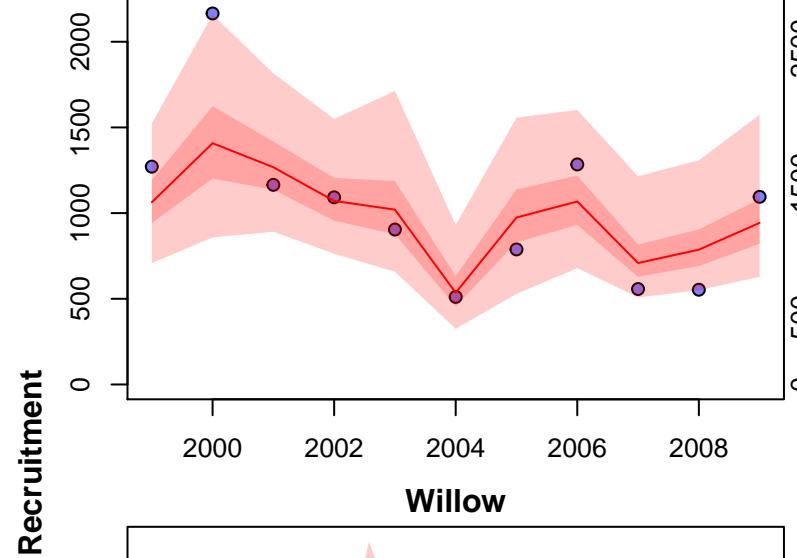
### LittleWillow



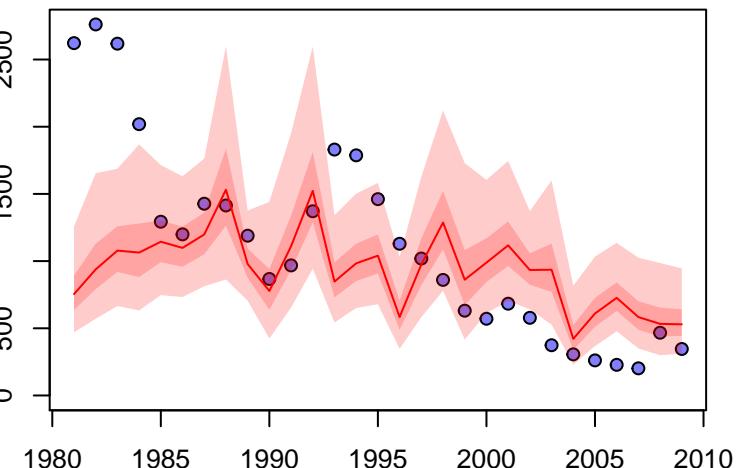
### Montana



### Ninilchik



### Theodore



### Willow

