

## Hyper Means

mean = -0.0913

95% HDI  
-0.178 0.00756

mean = 0.0258

95% HDI  
-0.099 0.0526

mean = 0.0569

95% HDI  
-0.140 0.0268

maxT\_spawn

RB\_spawn

medianQ

mean = -0.0269

95% HDI  
-0.119 0.0637

mean = -0.0398

95% HDI  
-0.116 0.0363

mean = -0.0429

95% HDI  
-0.124 0.038

avgT\_grow

RB\_emerge

breakup

mean = -0.154

95% HDI  
-0.247 0.0609

mean = 0.0833

95% HDI  
-0.00178 0.168

mean = -0.0678

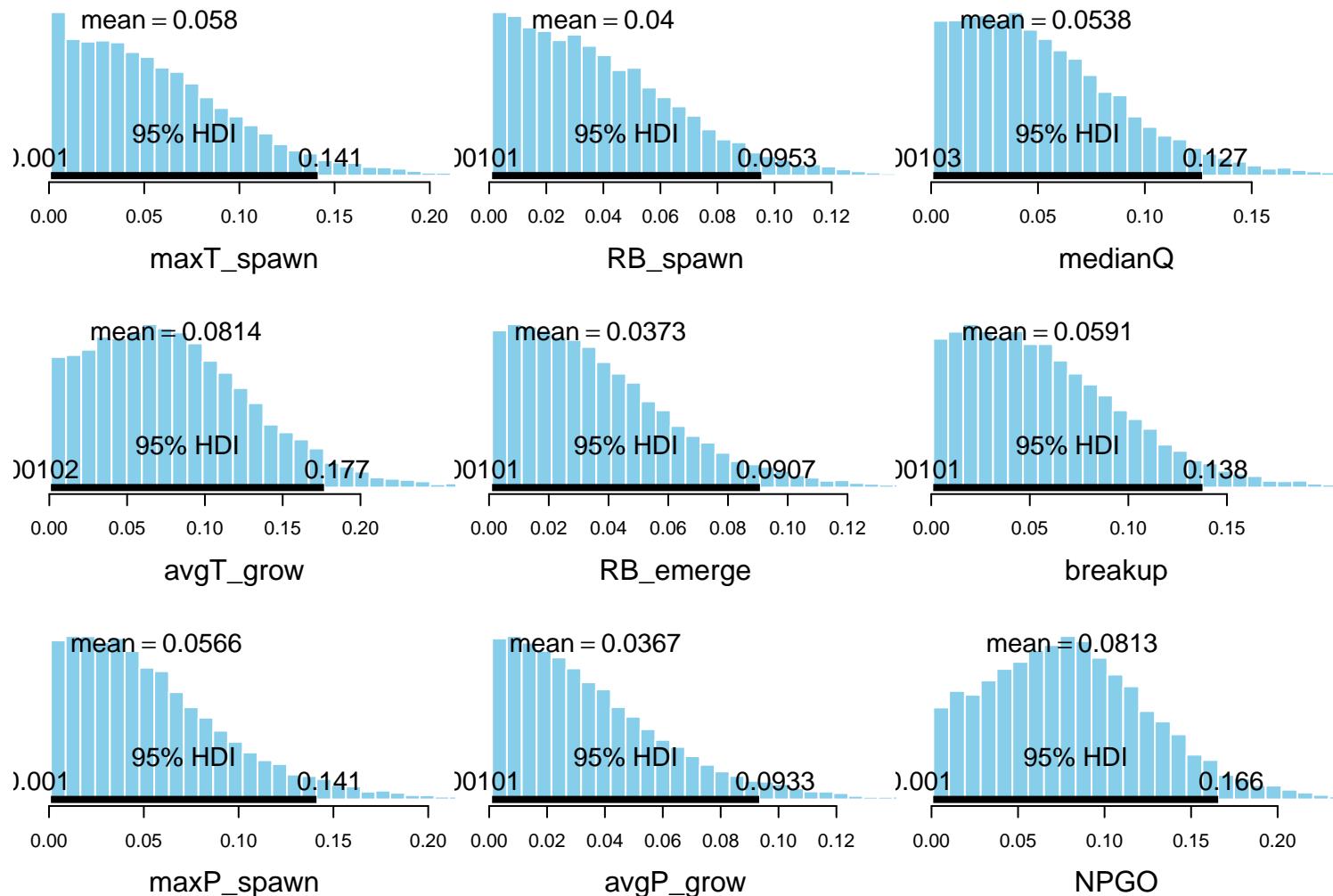
95% HDI  
-0.140 0.0126

maxP\_spawn

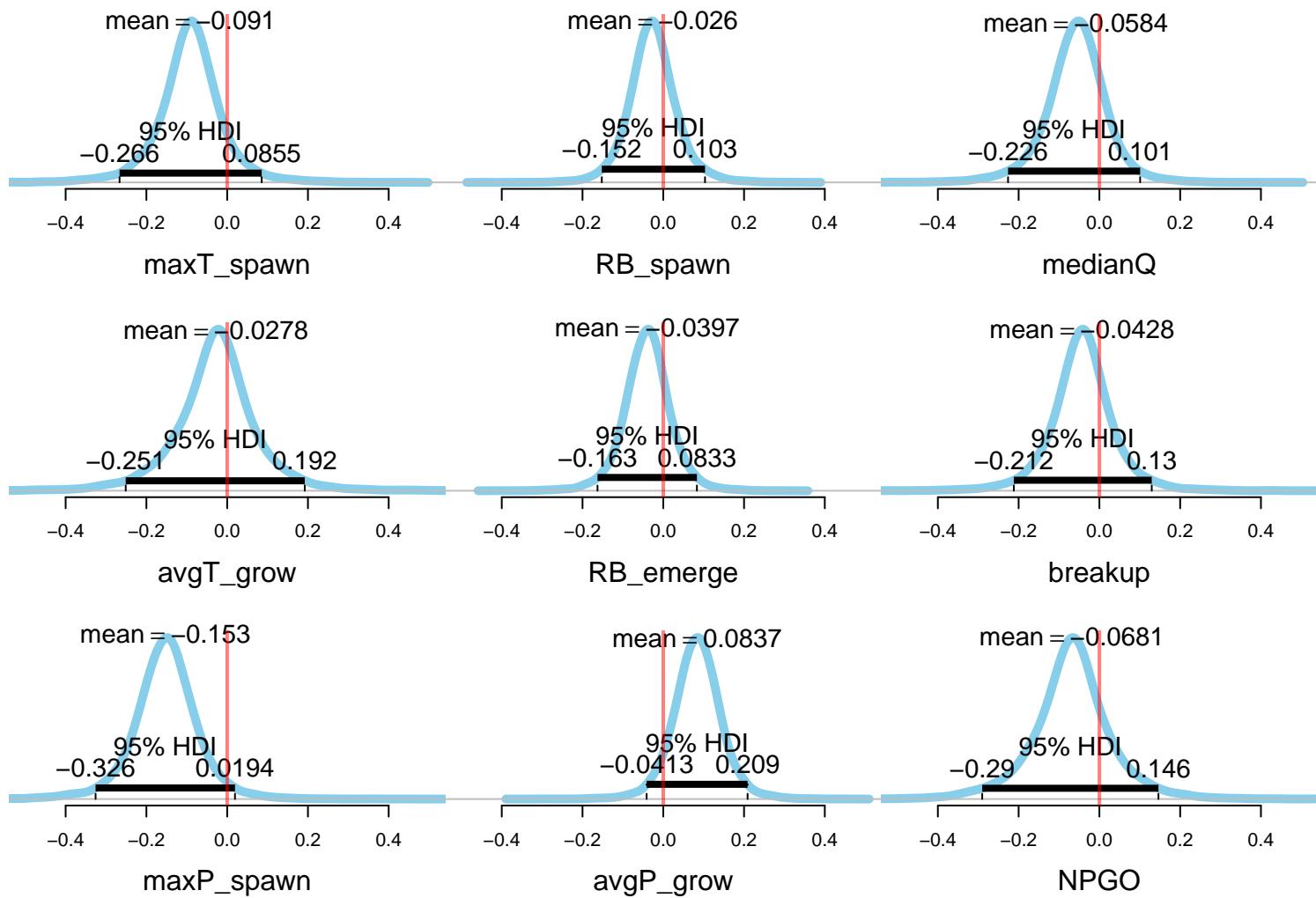
avgP\_grow

NPGO

# Hyper StDevs

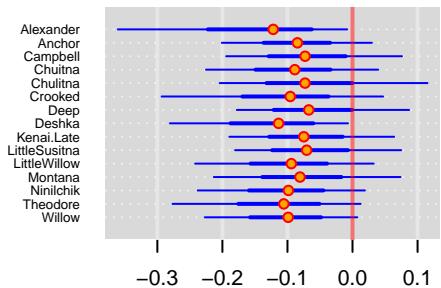


## Full Covariate Prior Distribution (dist.coef)

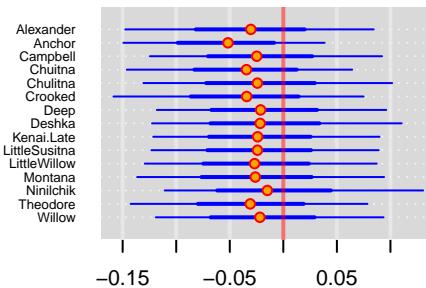


**Population**

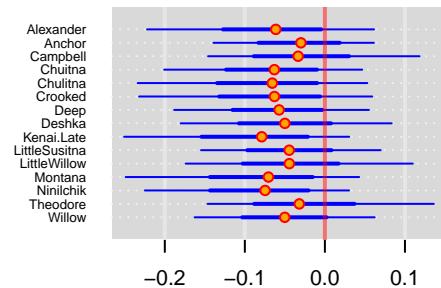
maxT\_spawn



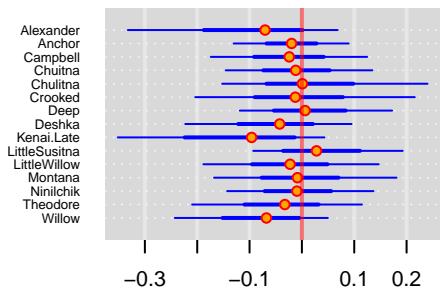
RB\_spawn



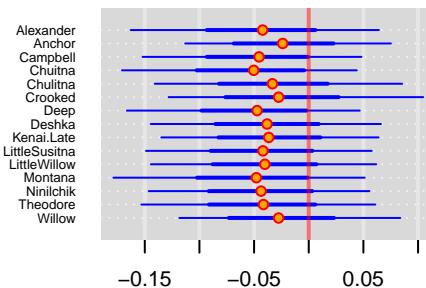
medianQ



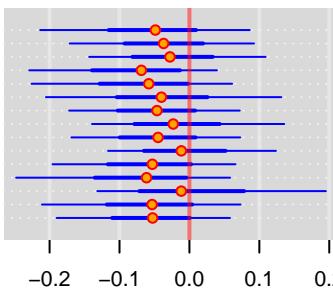
avgT\_grow



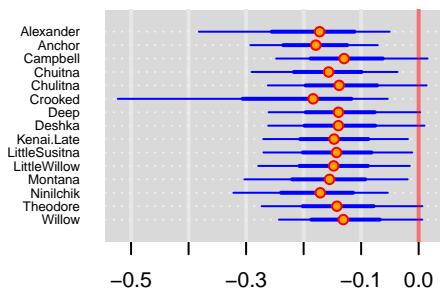
RB\_emerge



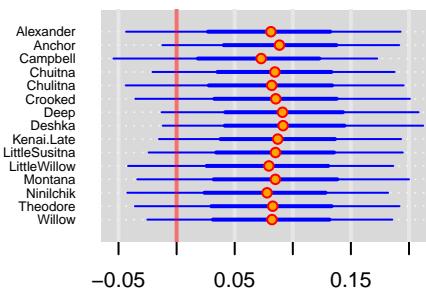
breakup



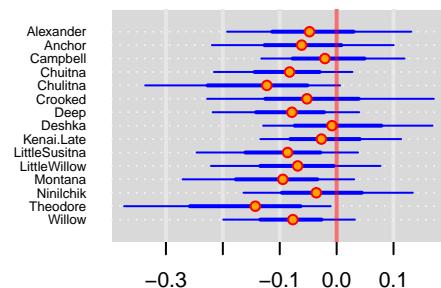
maxP\_spawn



avgP\_grow

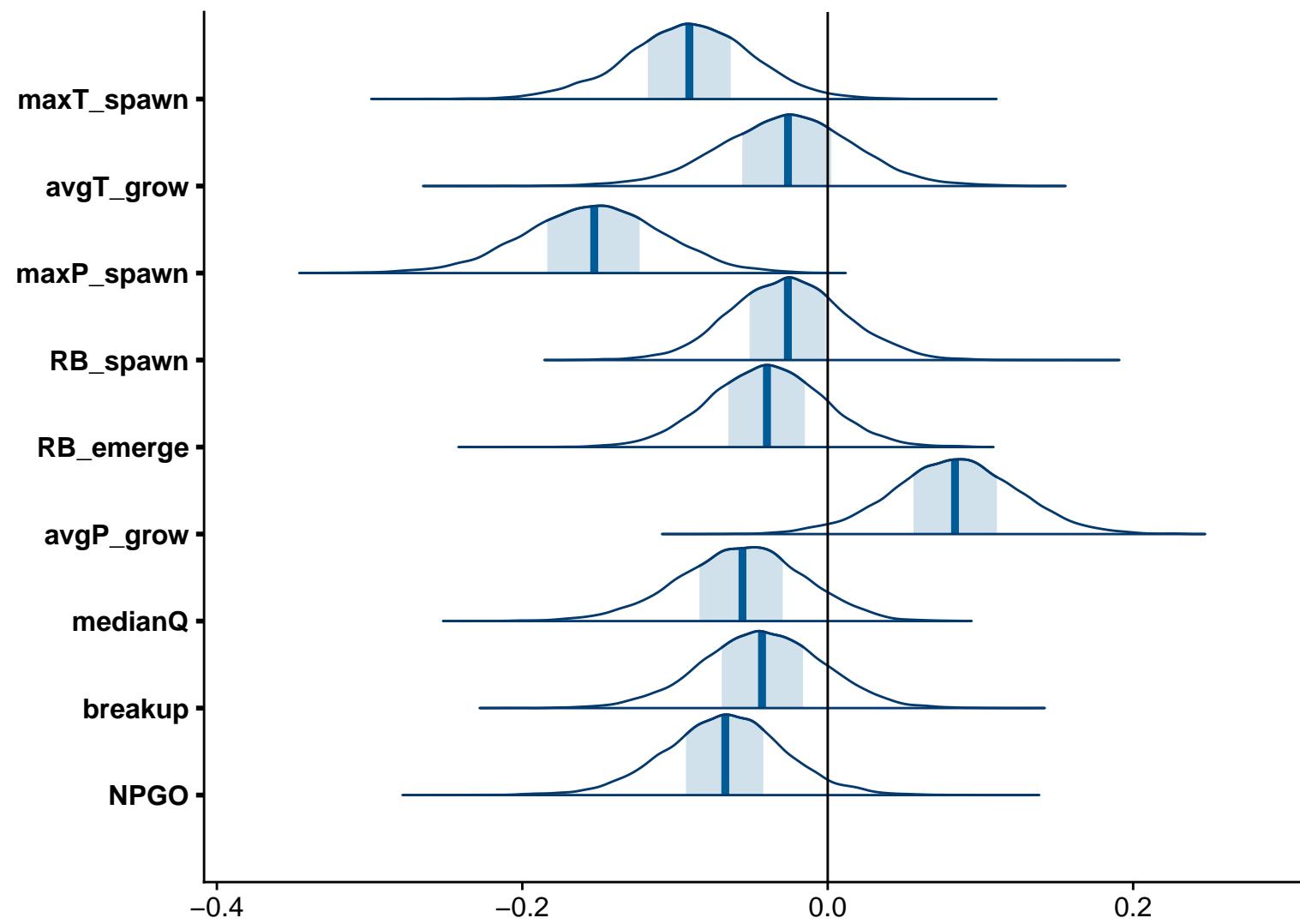


NPGO

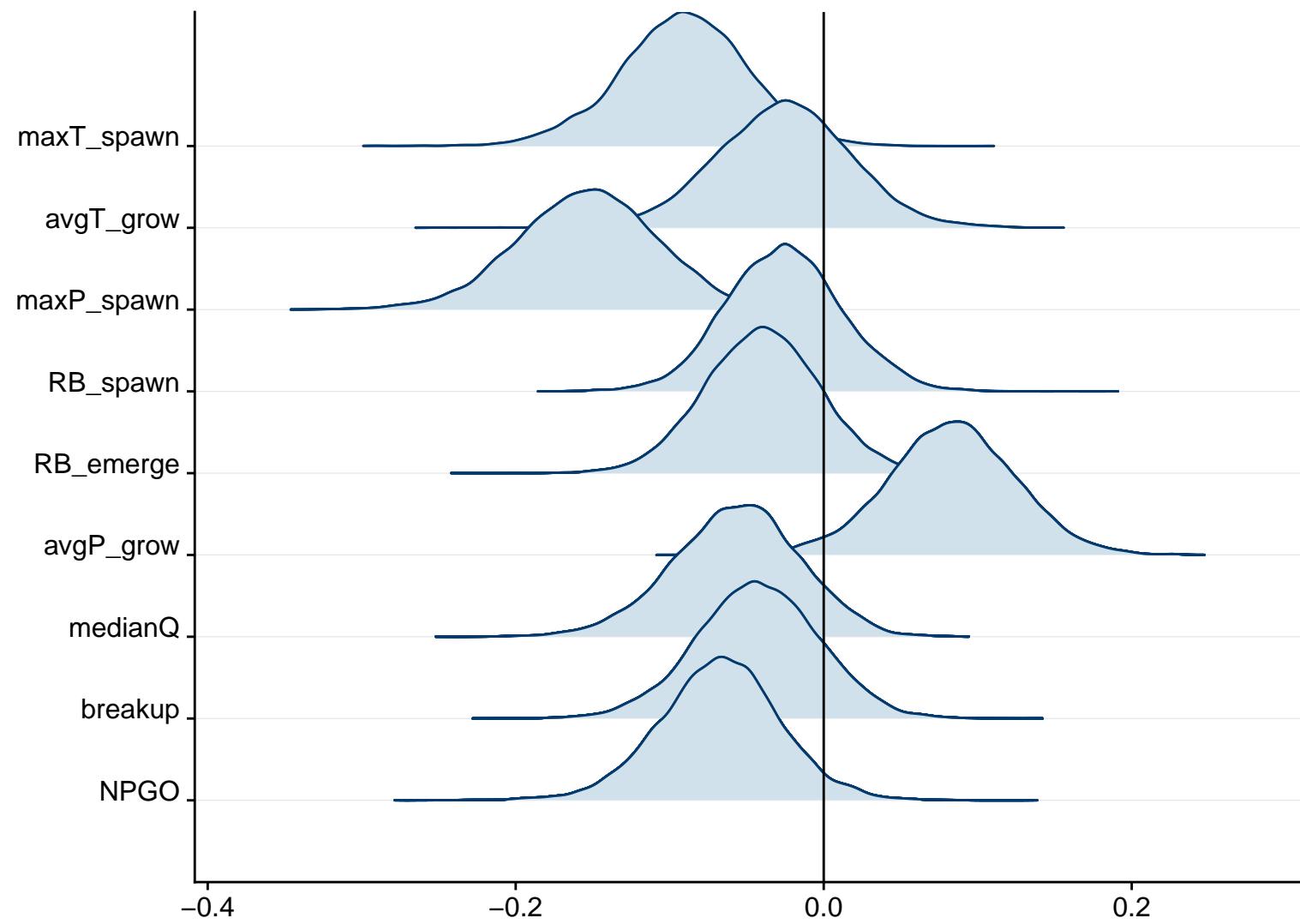


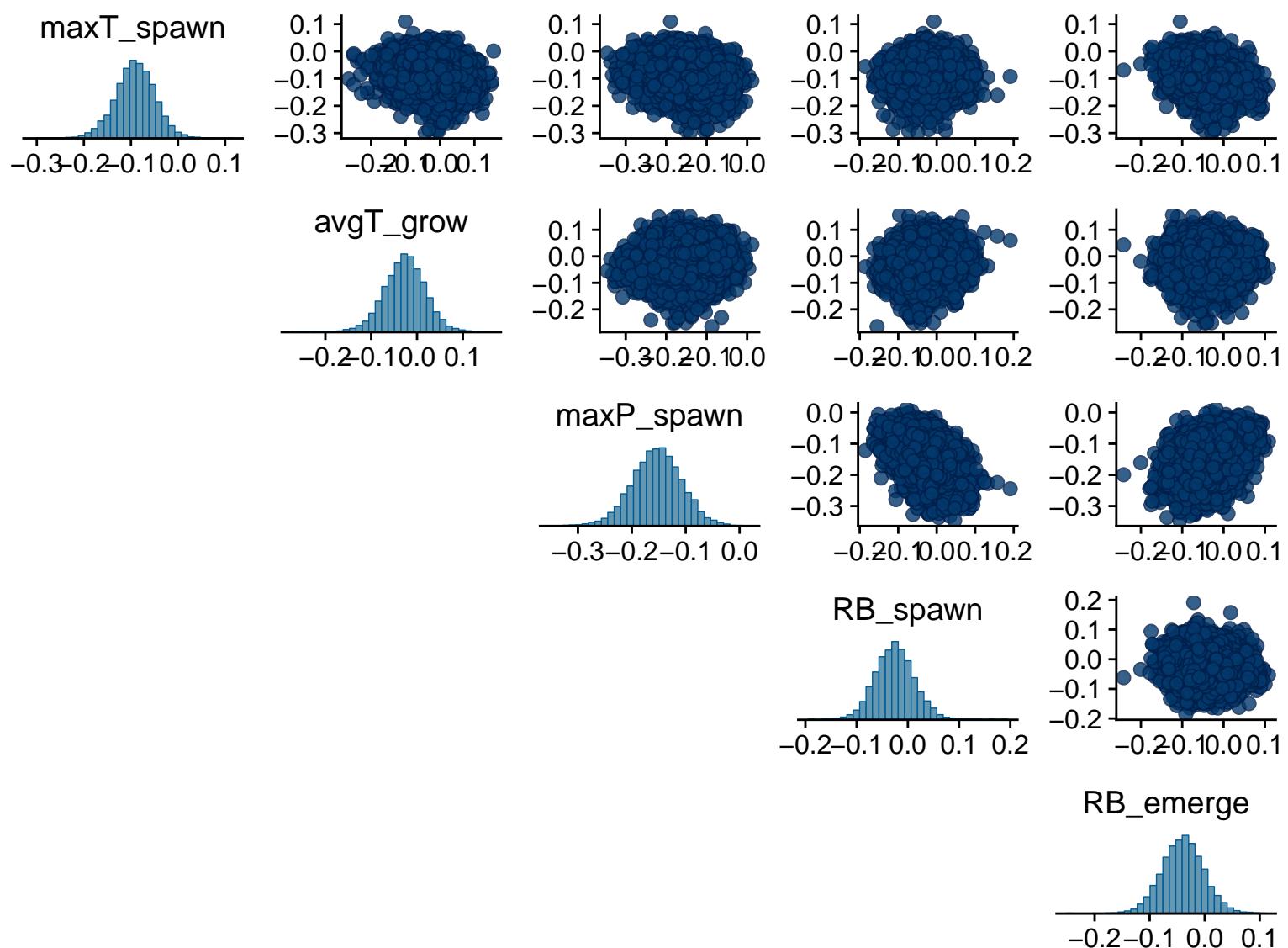
**Coefficient (Effect)**

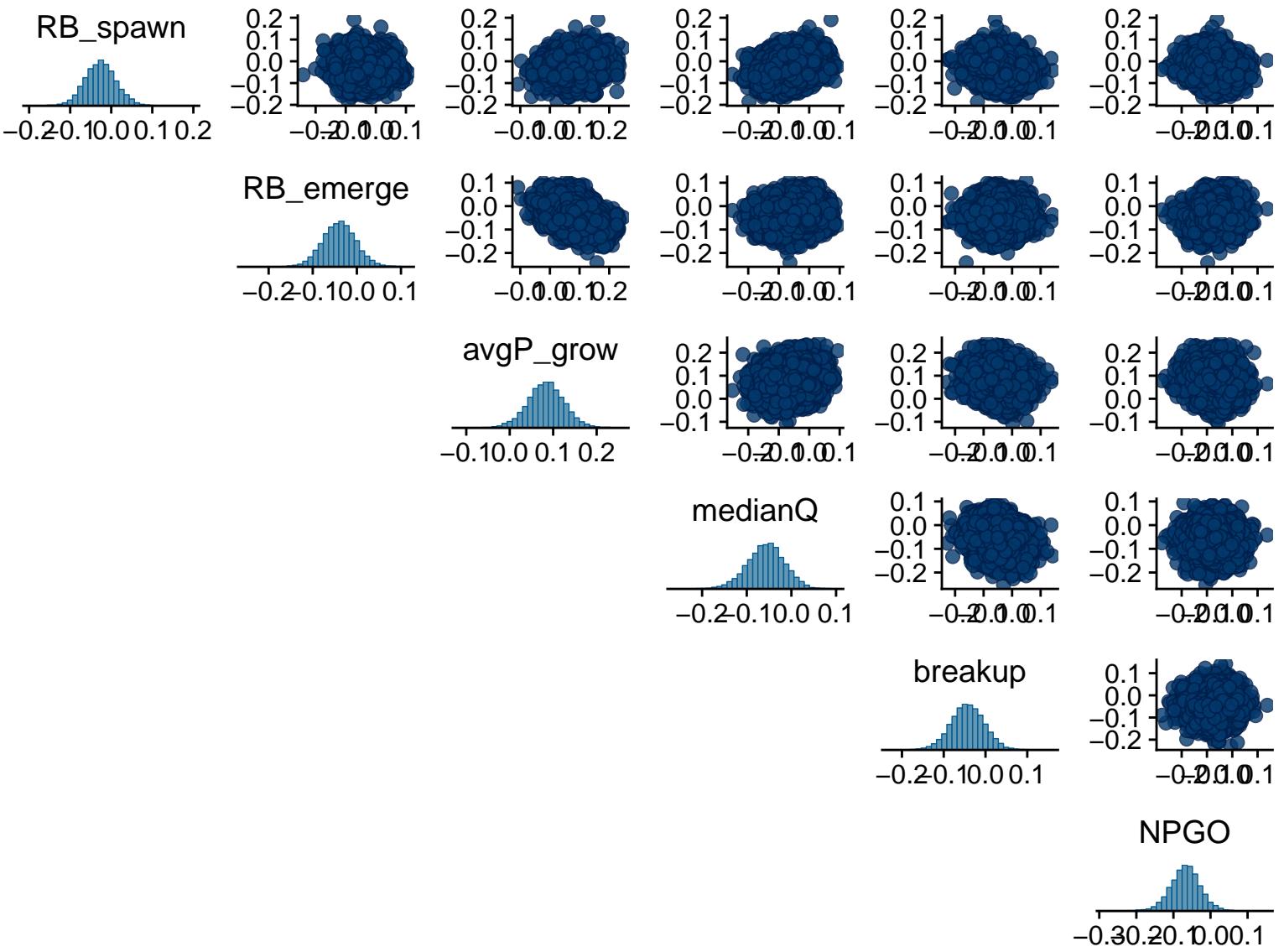
## Group Means (mu.coef)



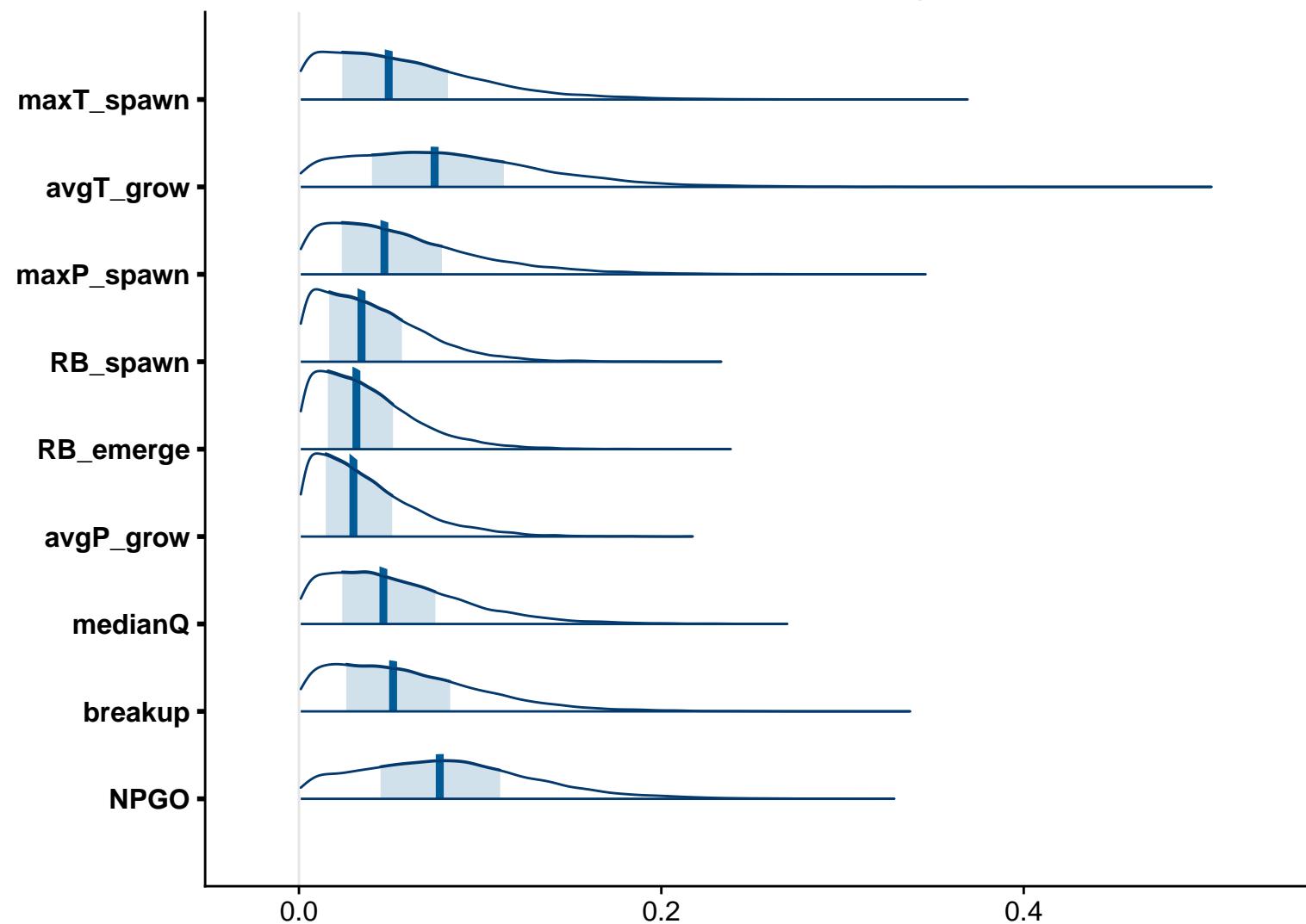
## Group Means (mu.coef)

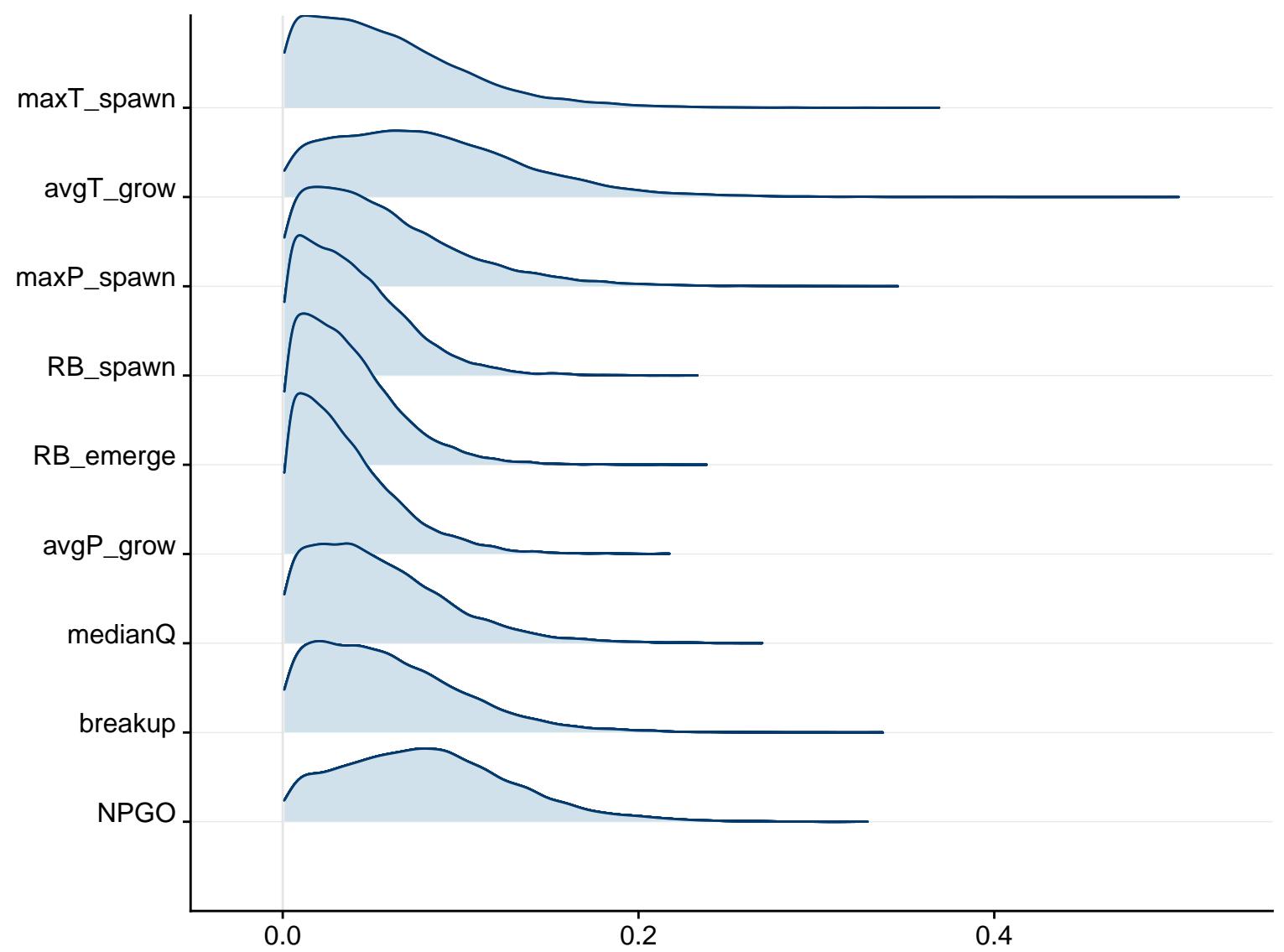




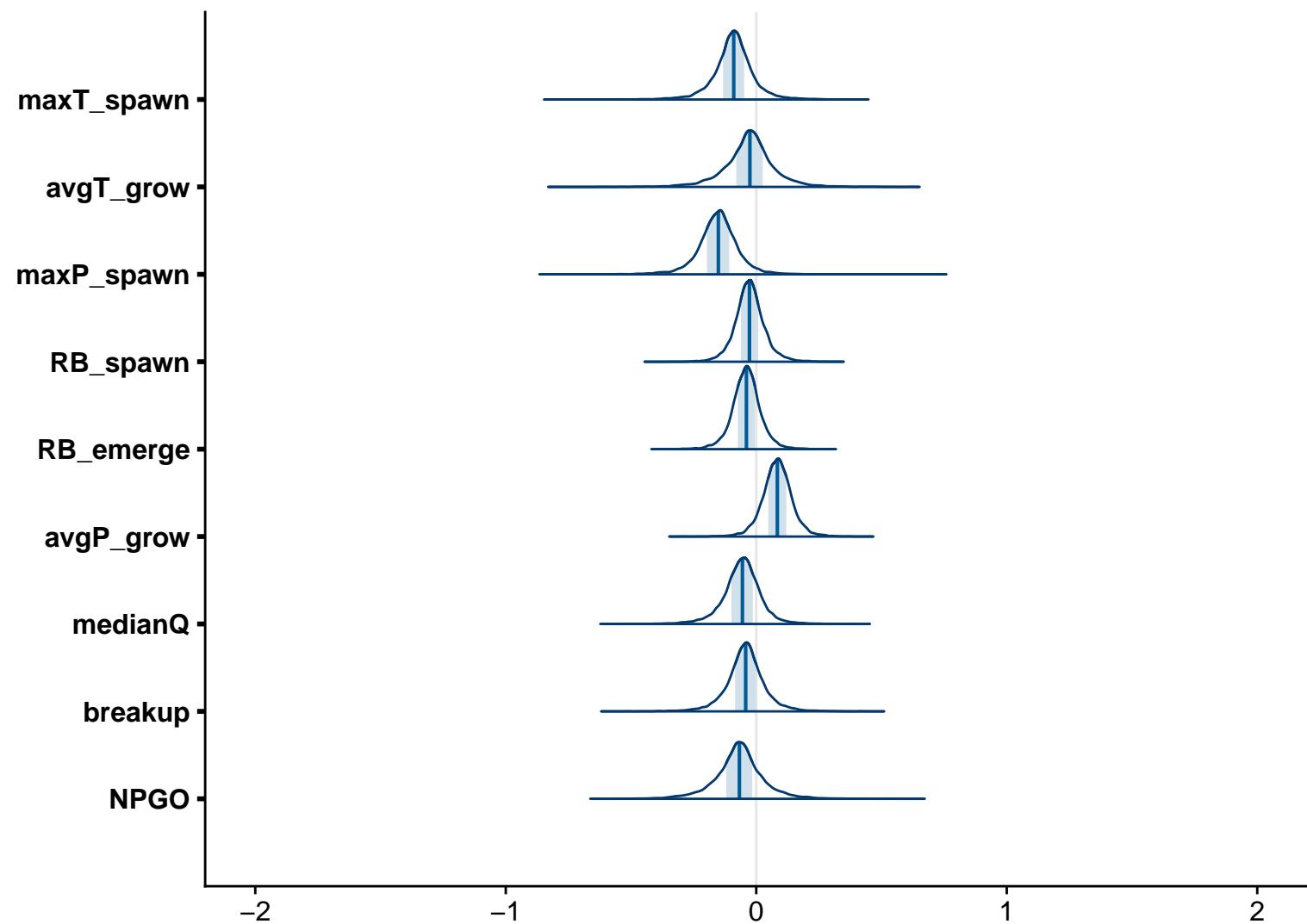


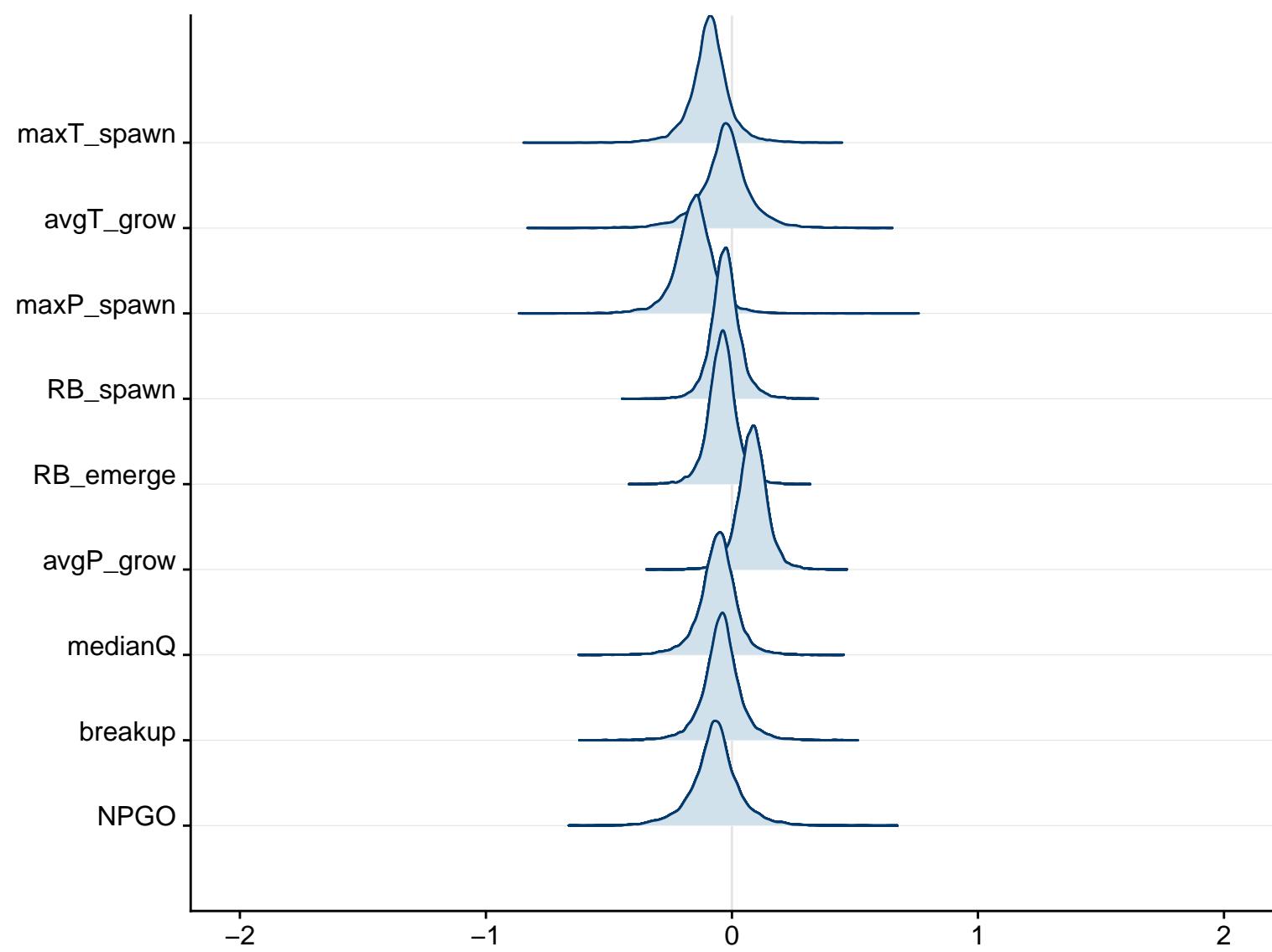
## Group Standard Deviations ( $\sigma.coef$ )



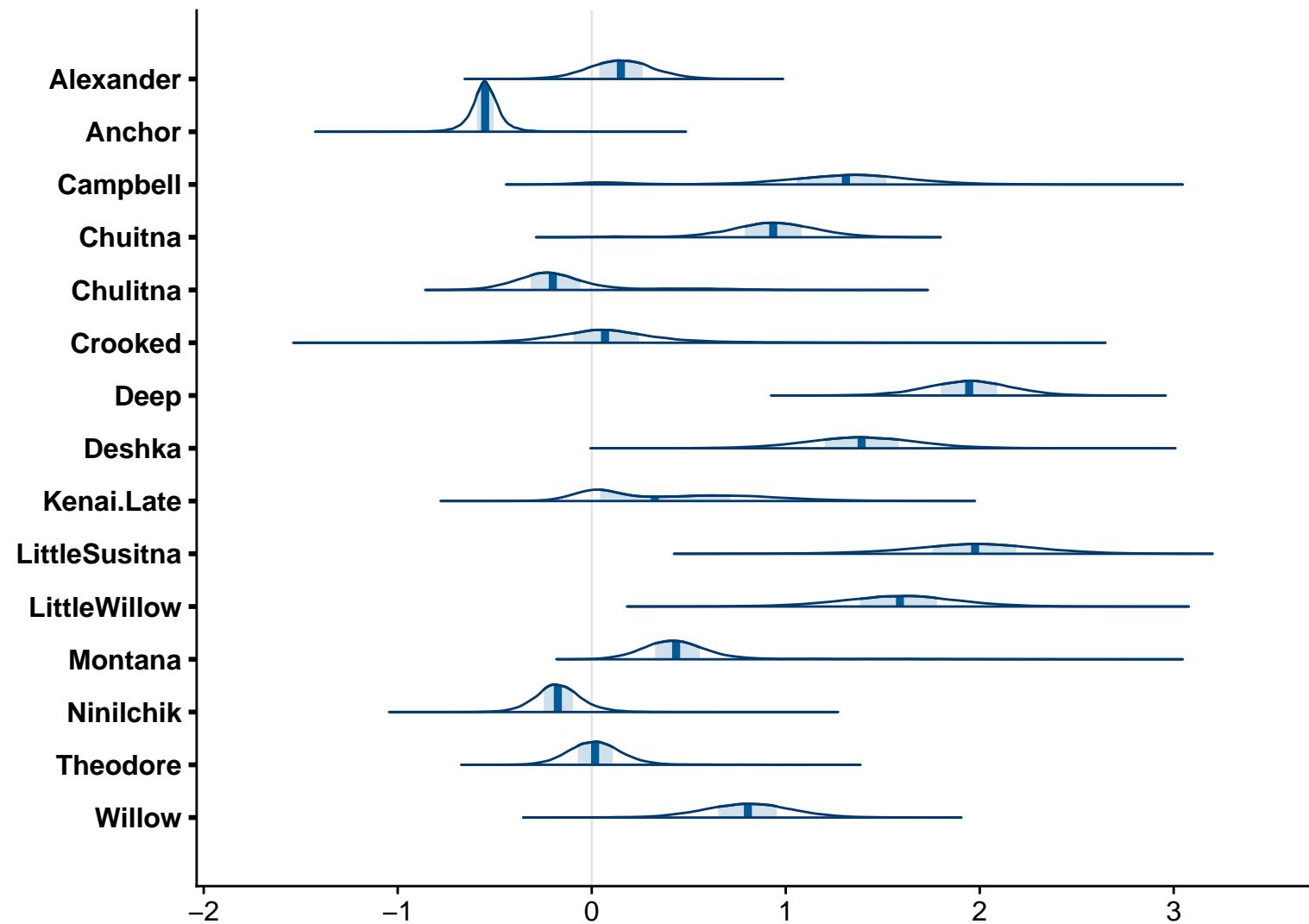


## Full Covariate Prior Distribution (dist.coef)

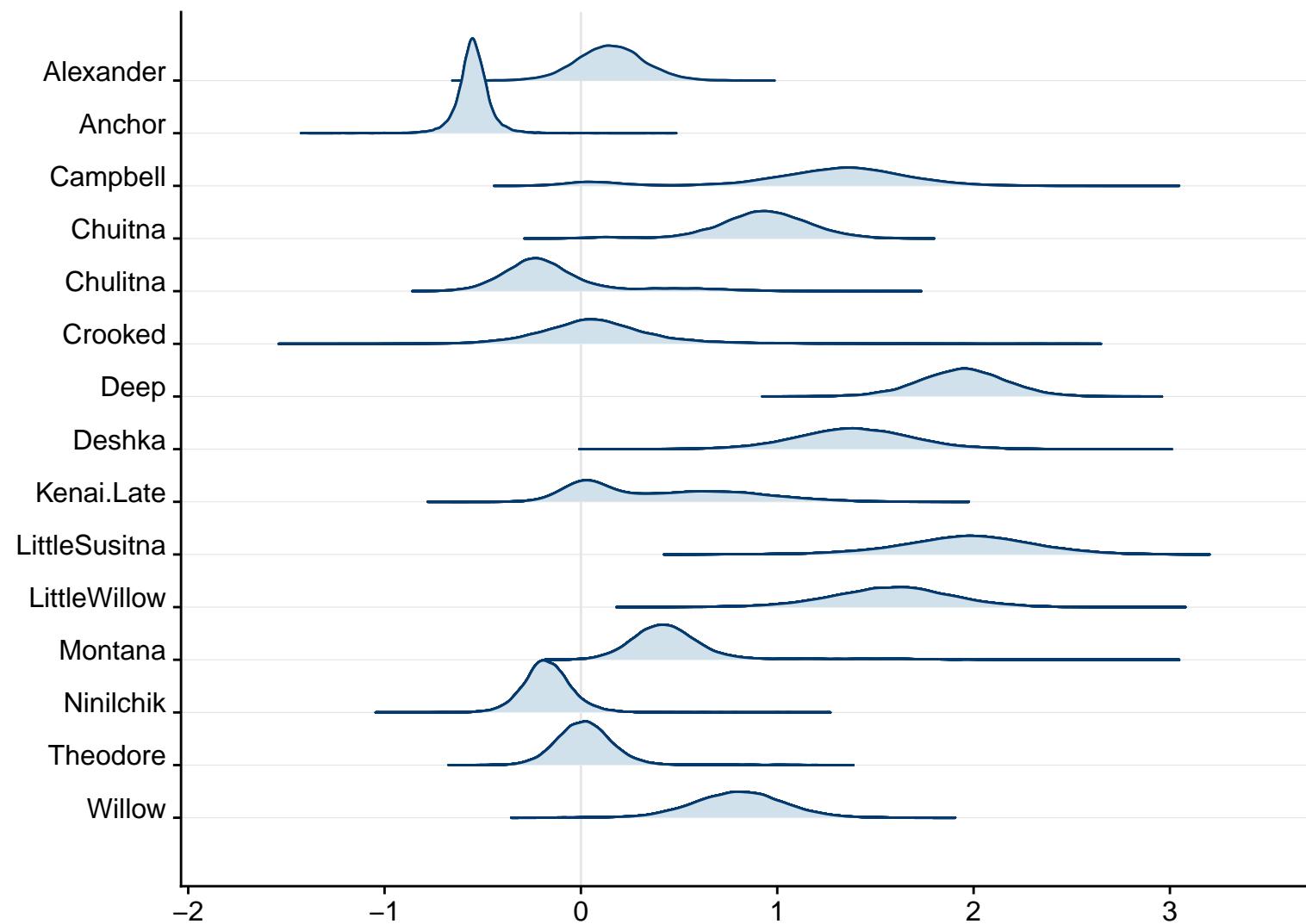




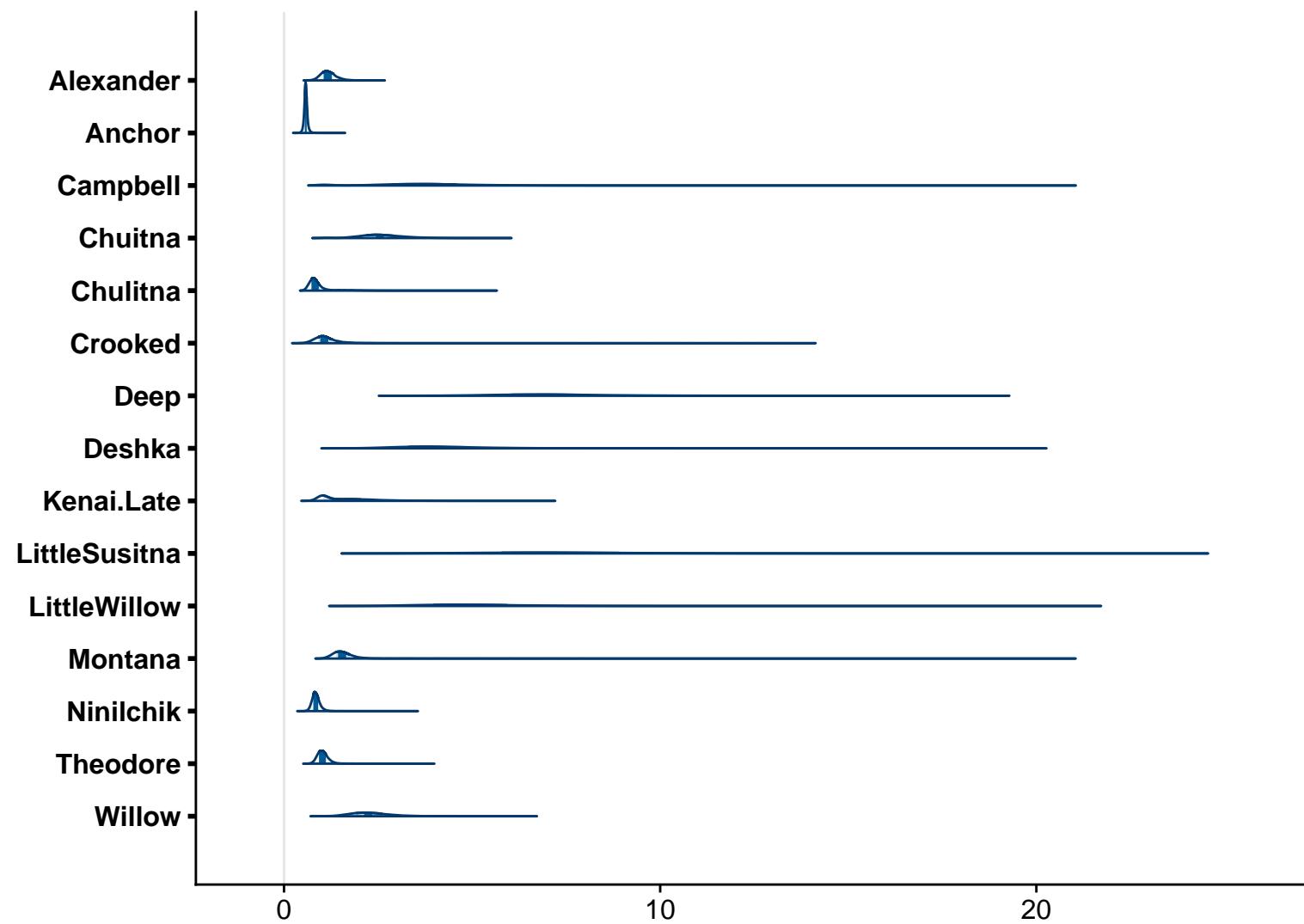
## Ricker Alpha



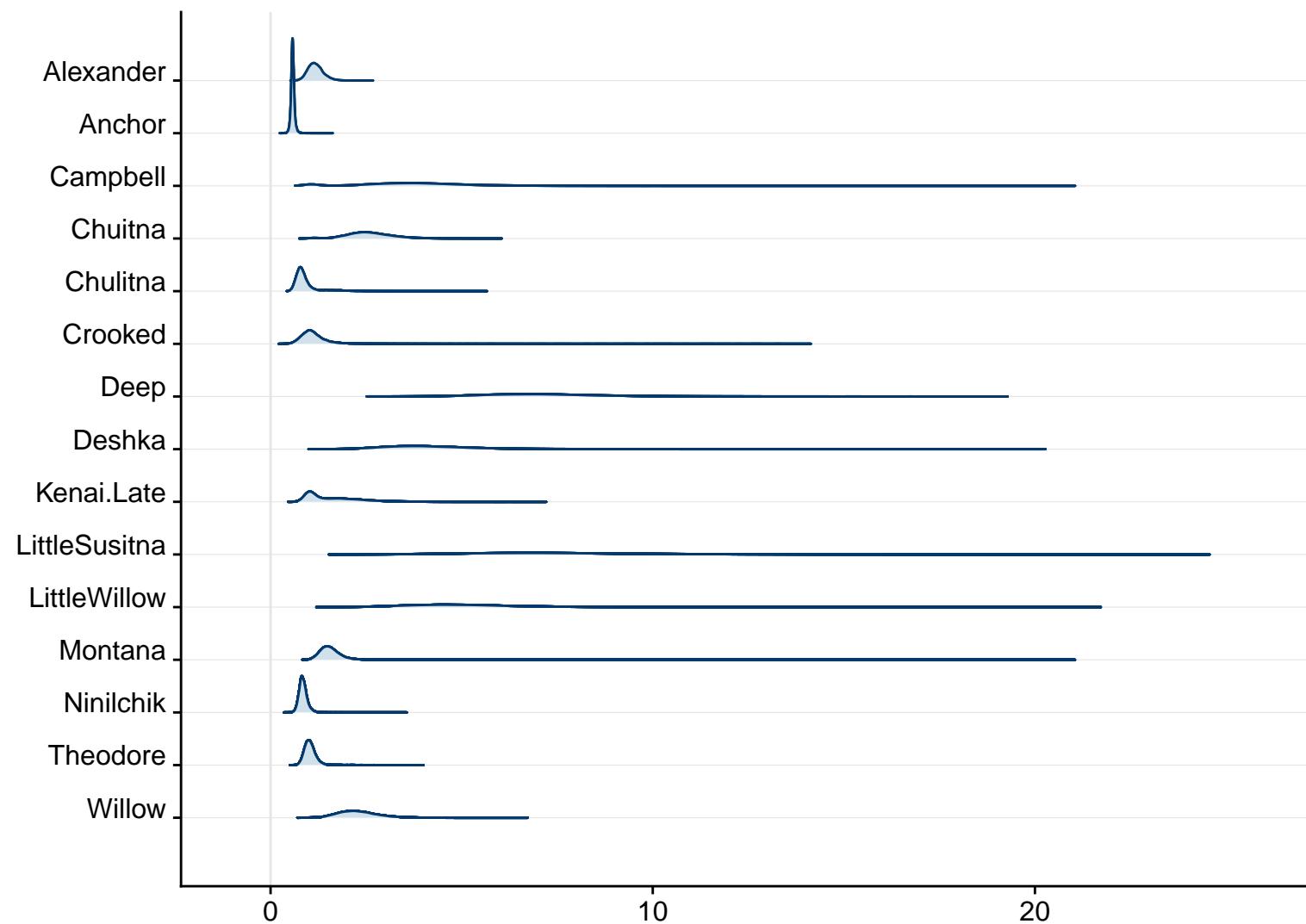
## Ricker Alpha



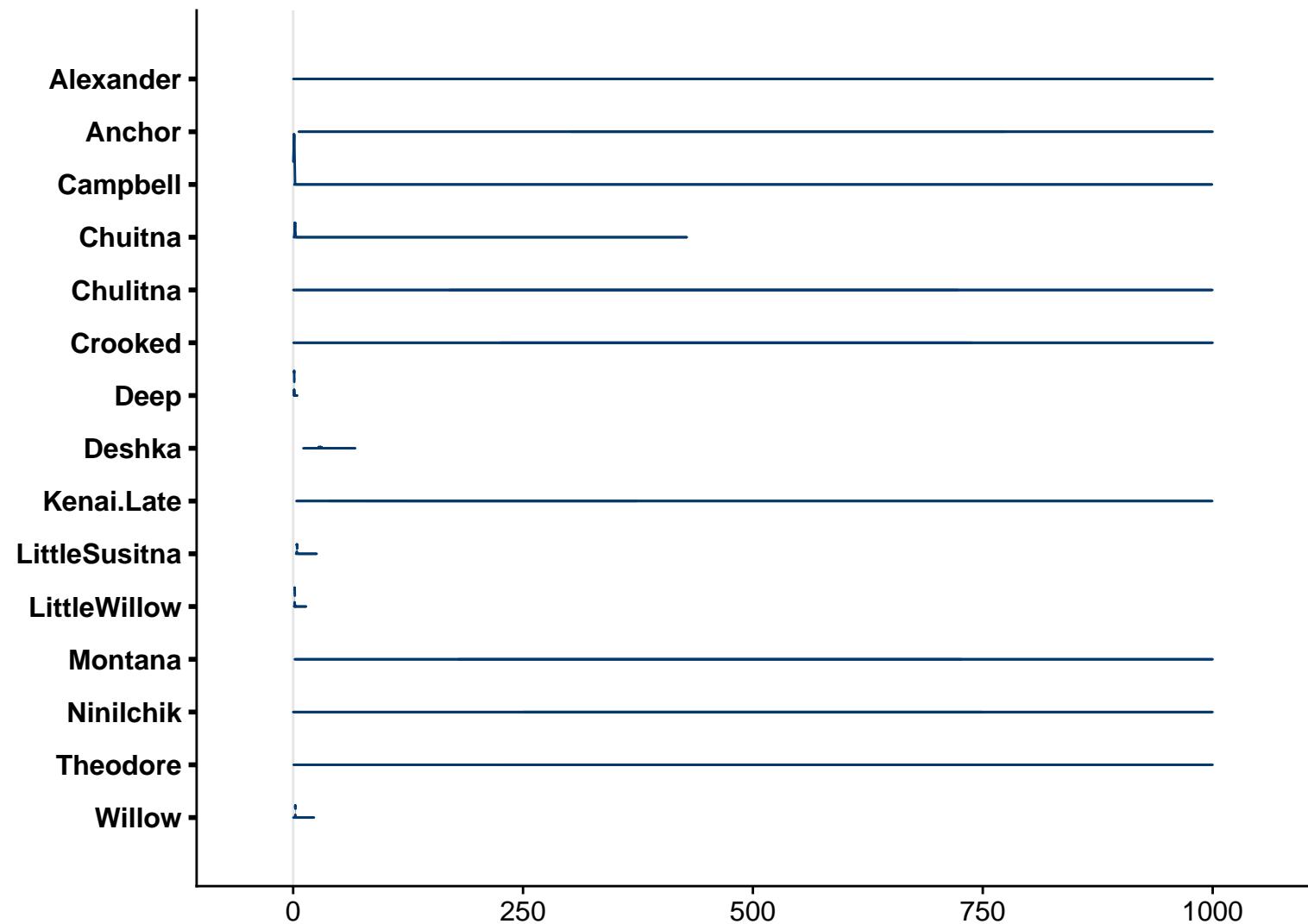
## Maximum Productivity RpS: exp(a)



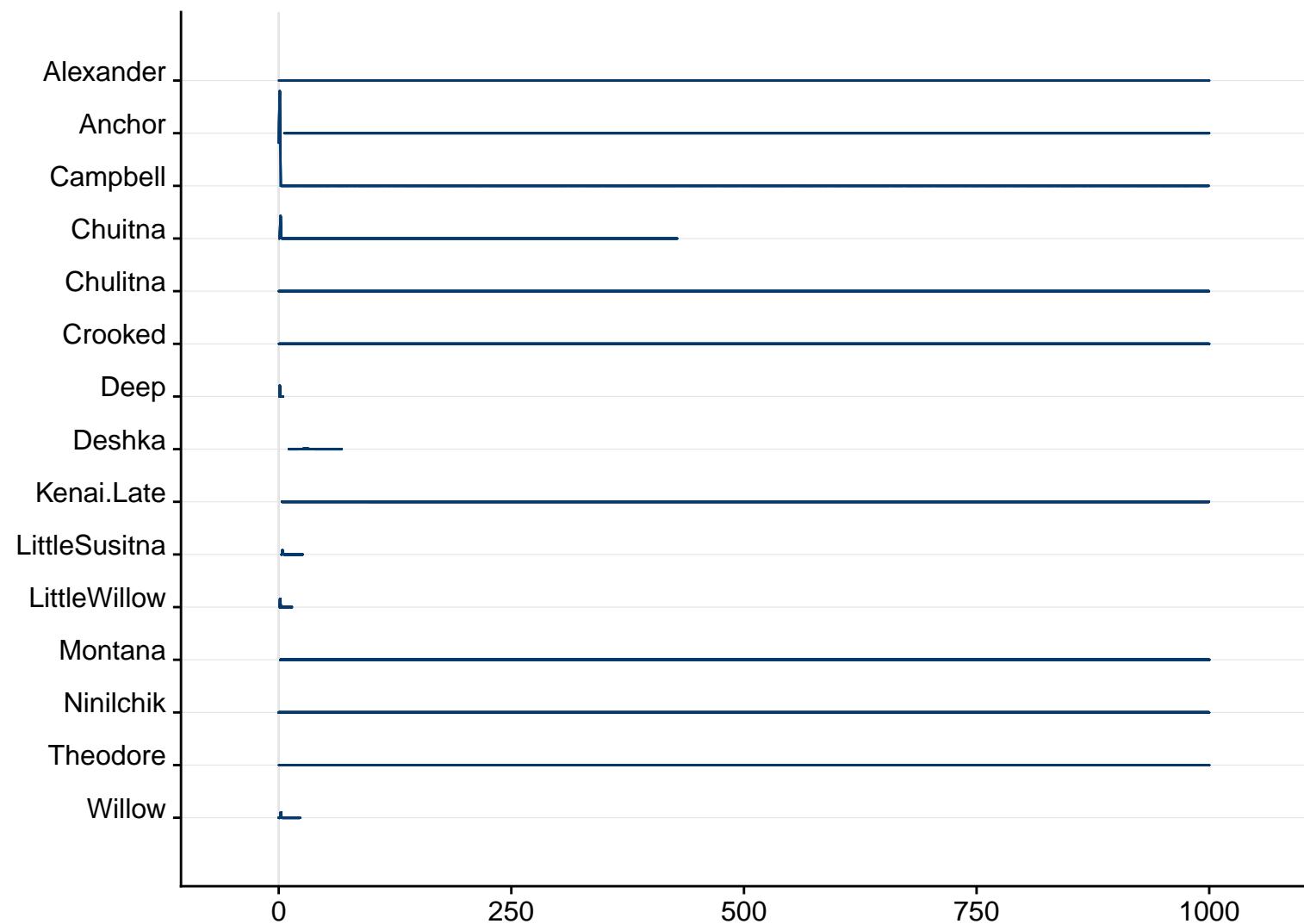
## Maximum Productivity RpS: $\exp(a)$



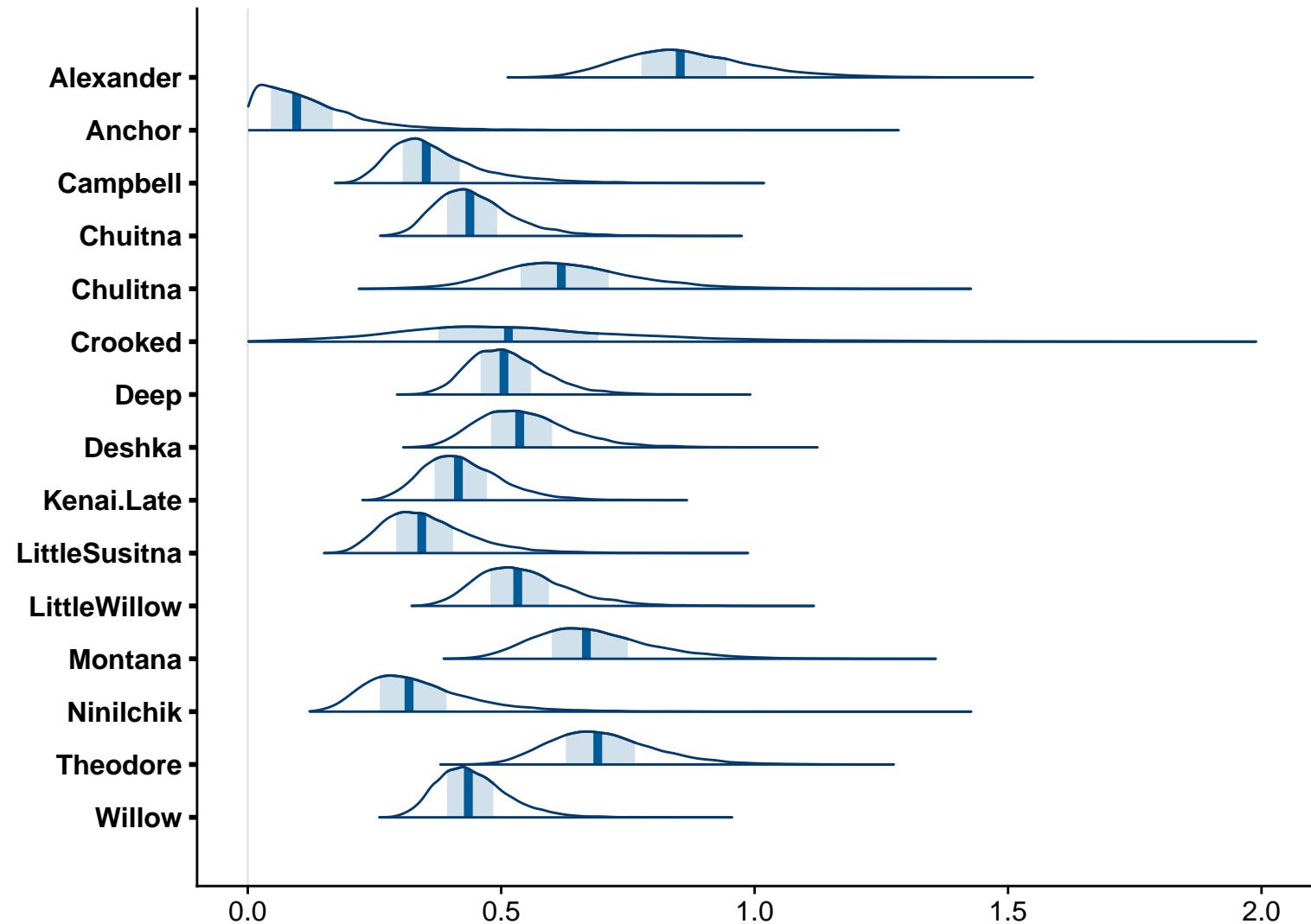
## Equilibrium Abundance (Beta) in Thousands



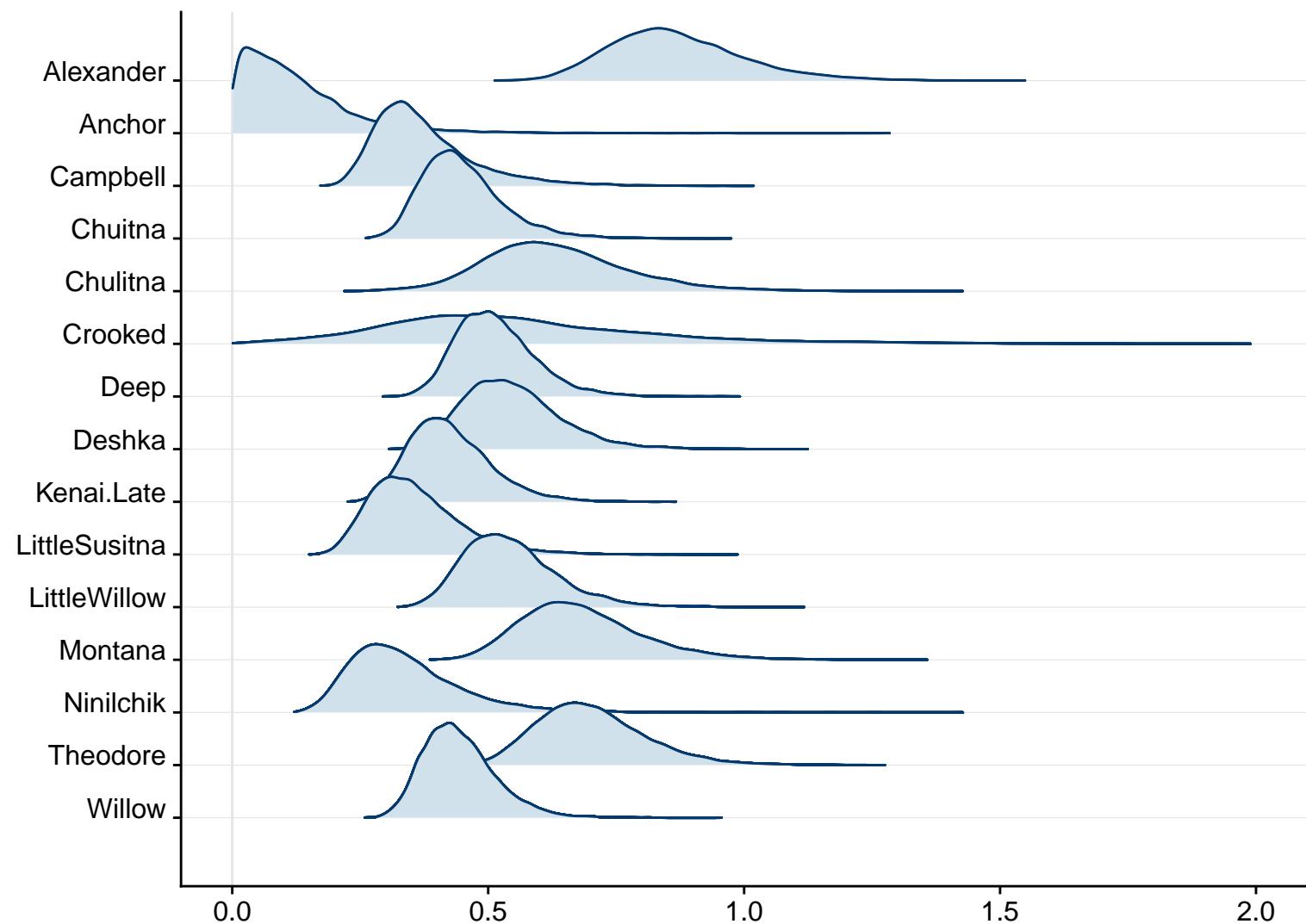
## Equilibrium Abundance (Beta) in Thousands

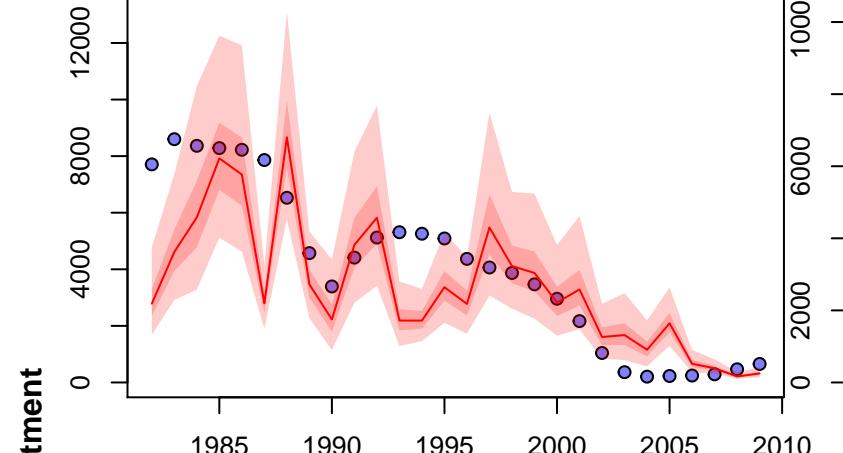
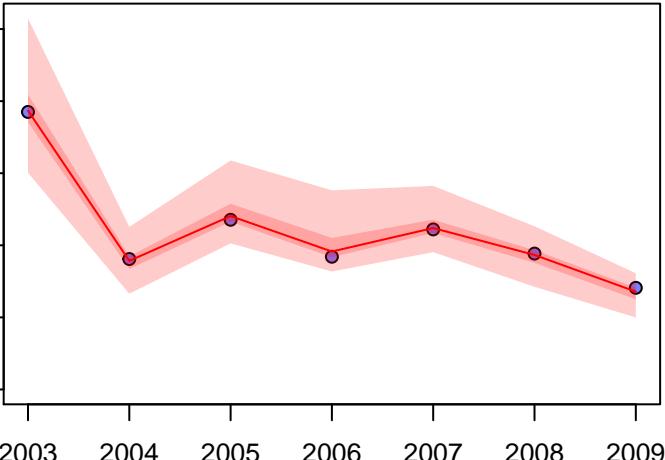
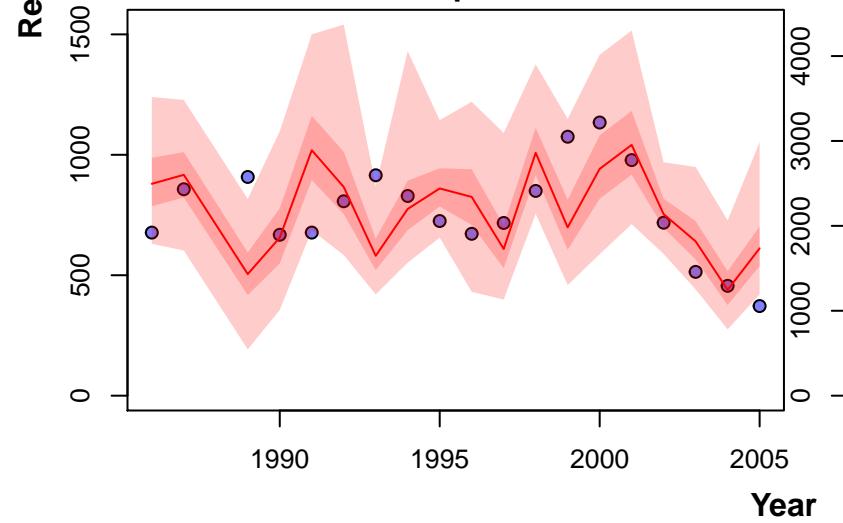
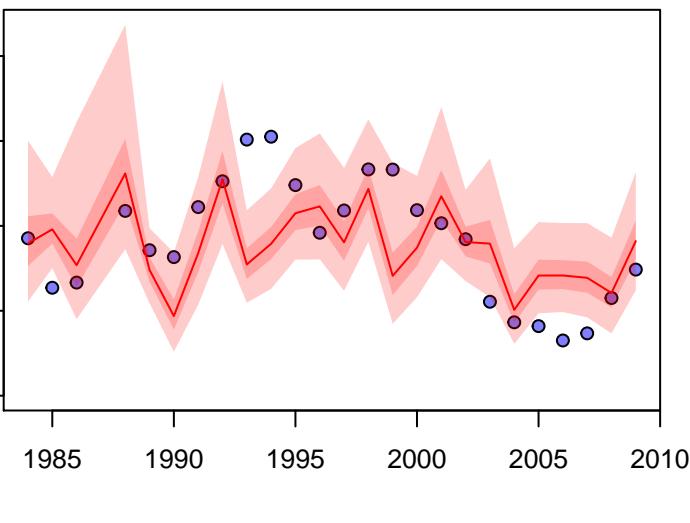


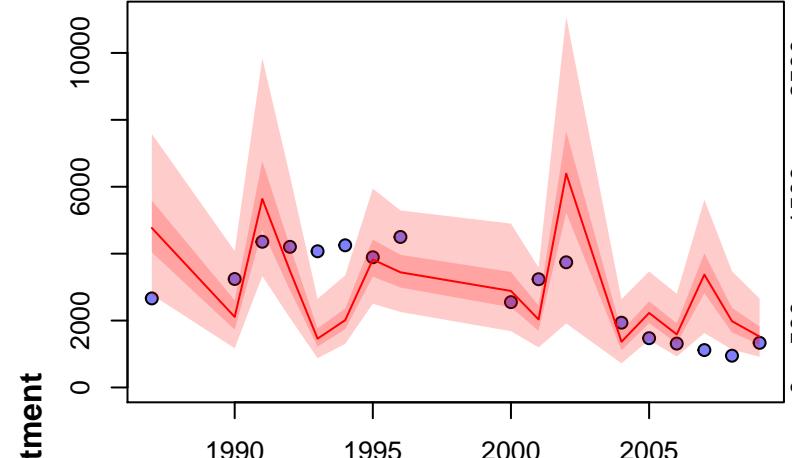
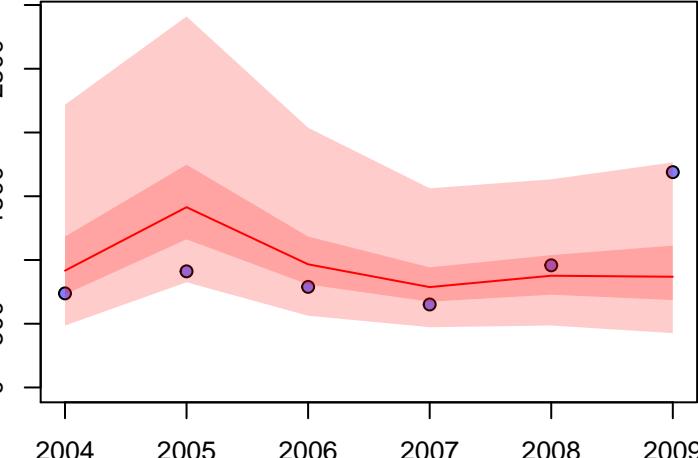
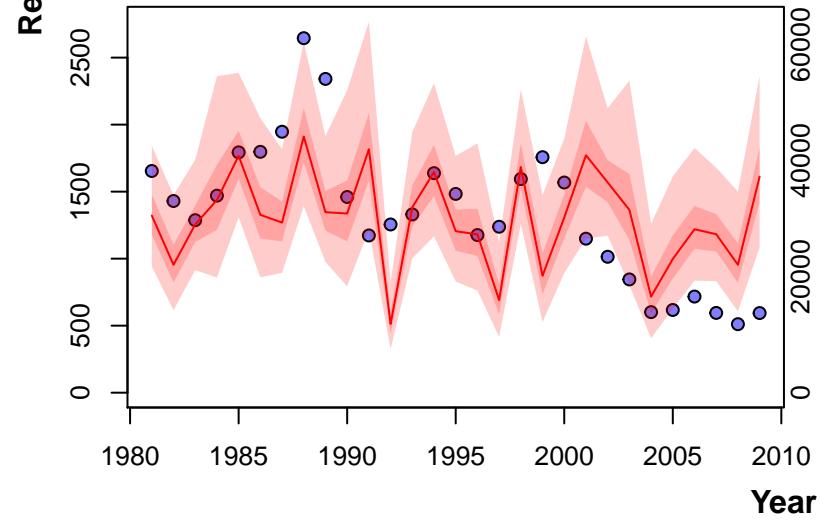
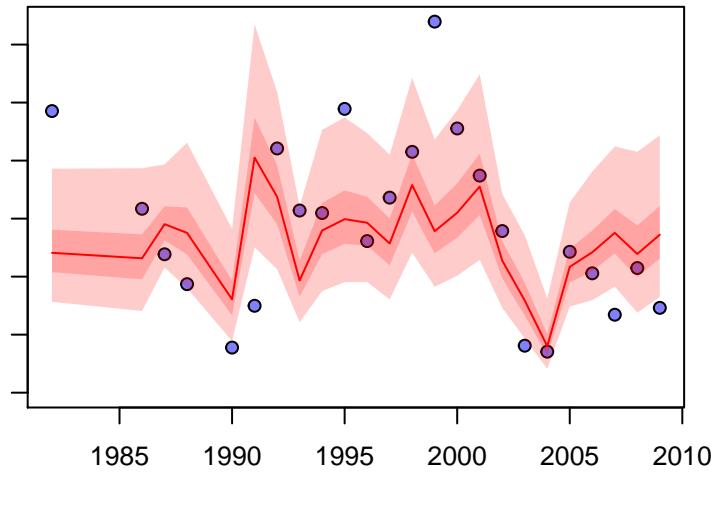
## Process Error (SD)



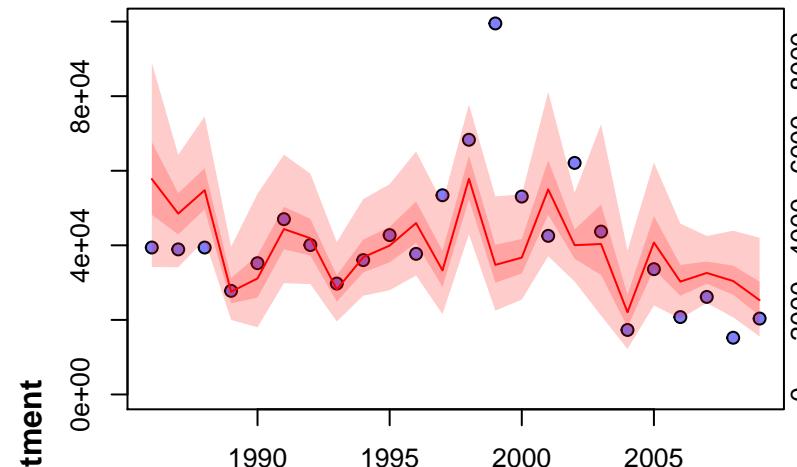
## Process Error (SD)



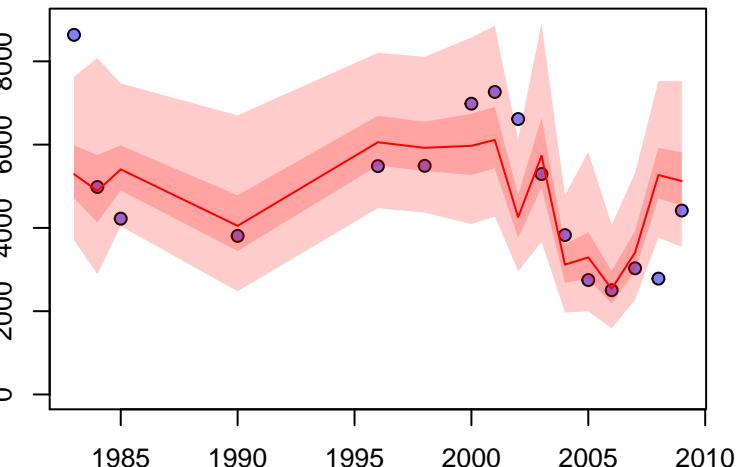
**Alexander****Anchor****Campbell****Chuitna**

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

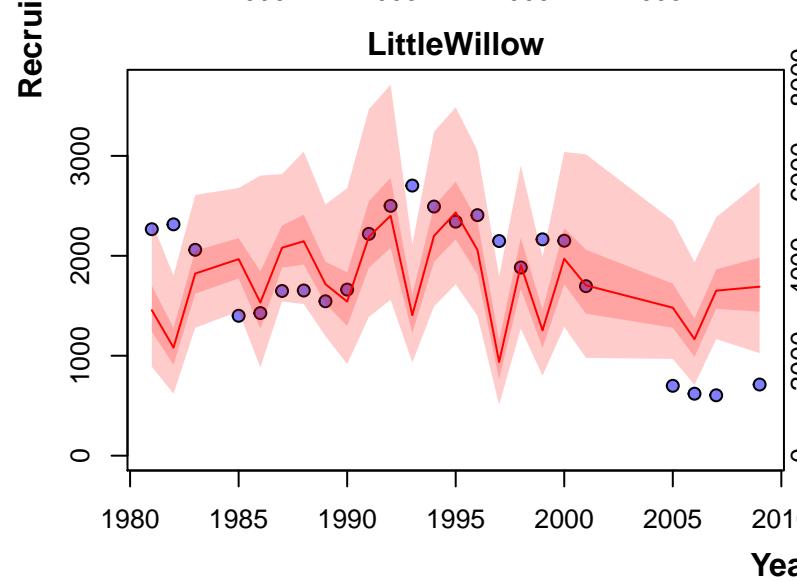
### Kenai.Late



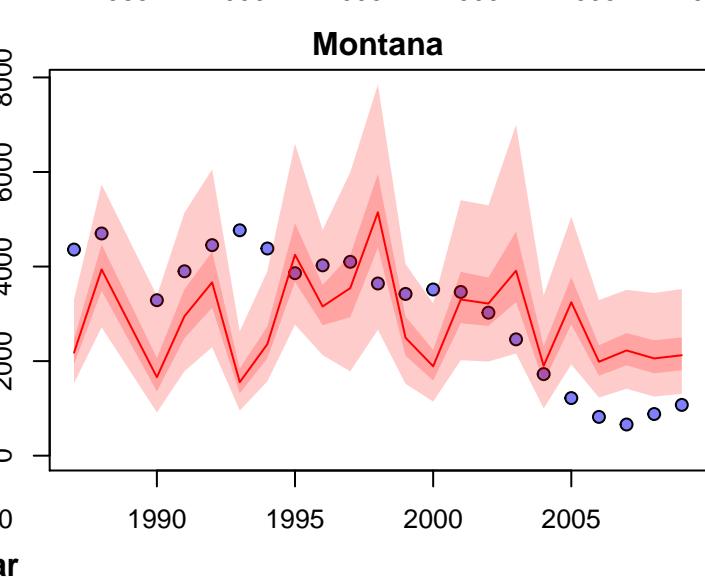
### LittleSusitna



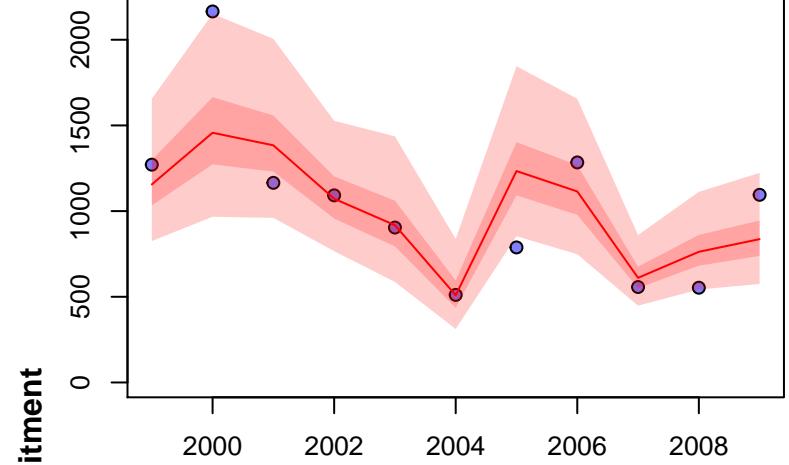
### LittleWillow



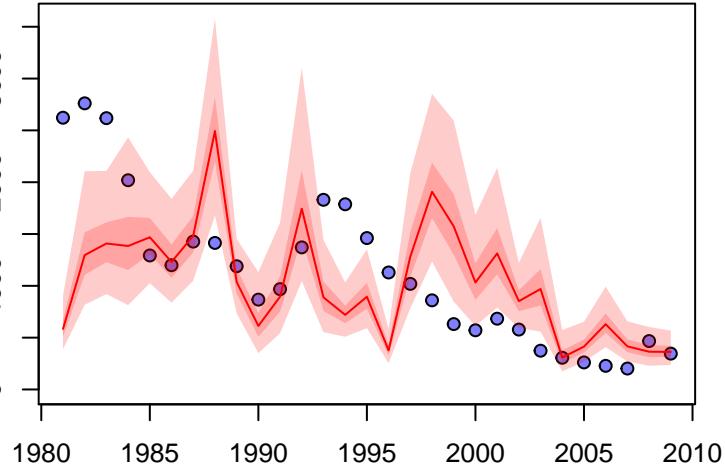
### Montana



### Ninilchik



### Theodore



### Willow

