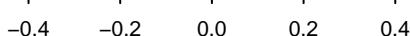


## Hyper Means

mean = -0.0477

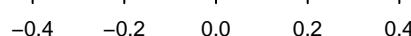
95% HDI  
-0.13 0.0361



maxT\_spawn

mean = 0.0642

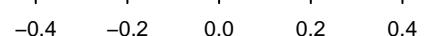
95% HDI  
0.0047 0.1225



avgP\_grow

mean = -0.0401

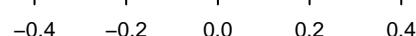
95% HDI  
-0.109 0.0304



RB\_emerge

mean = -0.00473

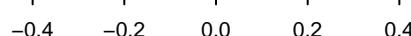
95% HDI  
-0.104 0.098



avgT\_grow

mean = -0.0787

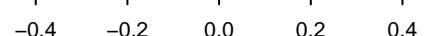
95% HDI  
-0.154 0.0302



medianQ\_grow

mean = -0.0151

95% HDI  
-0.075 0.446



breakup

mean = -0.109

95% HDI  
-0.187 0.0315



maxP\_spawn

mean = -0.0239

95% HDI  
-0.090 0.0436



RB\_spawn

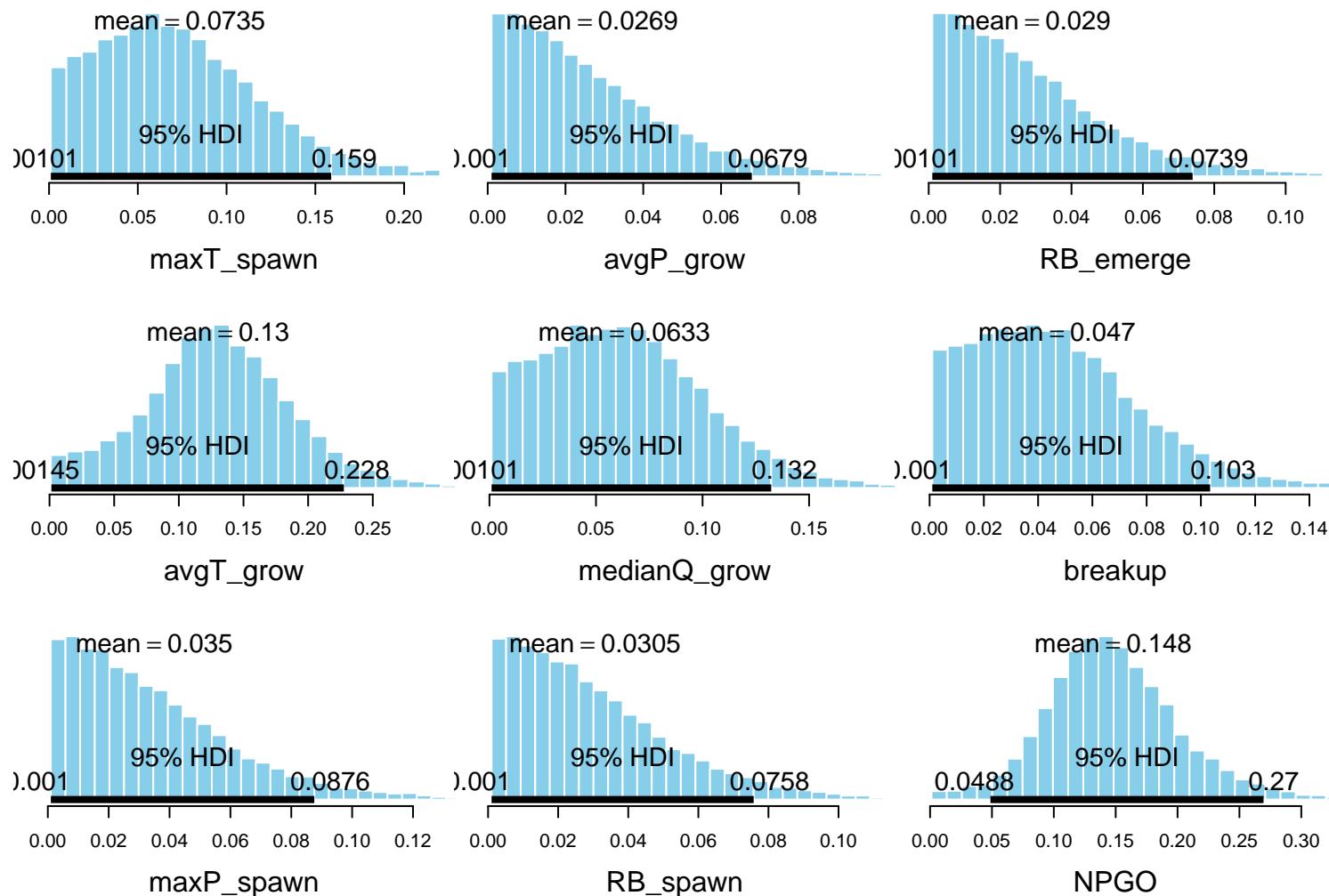
mean = -0.0772

95% HDI  
-0.185 0.0274

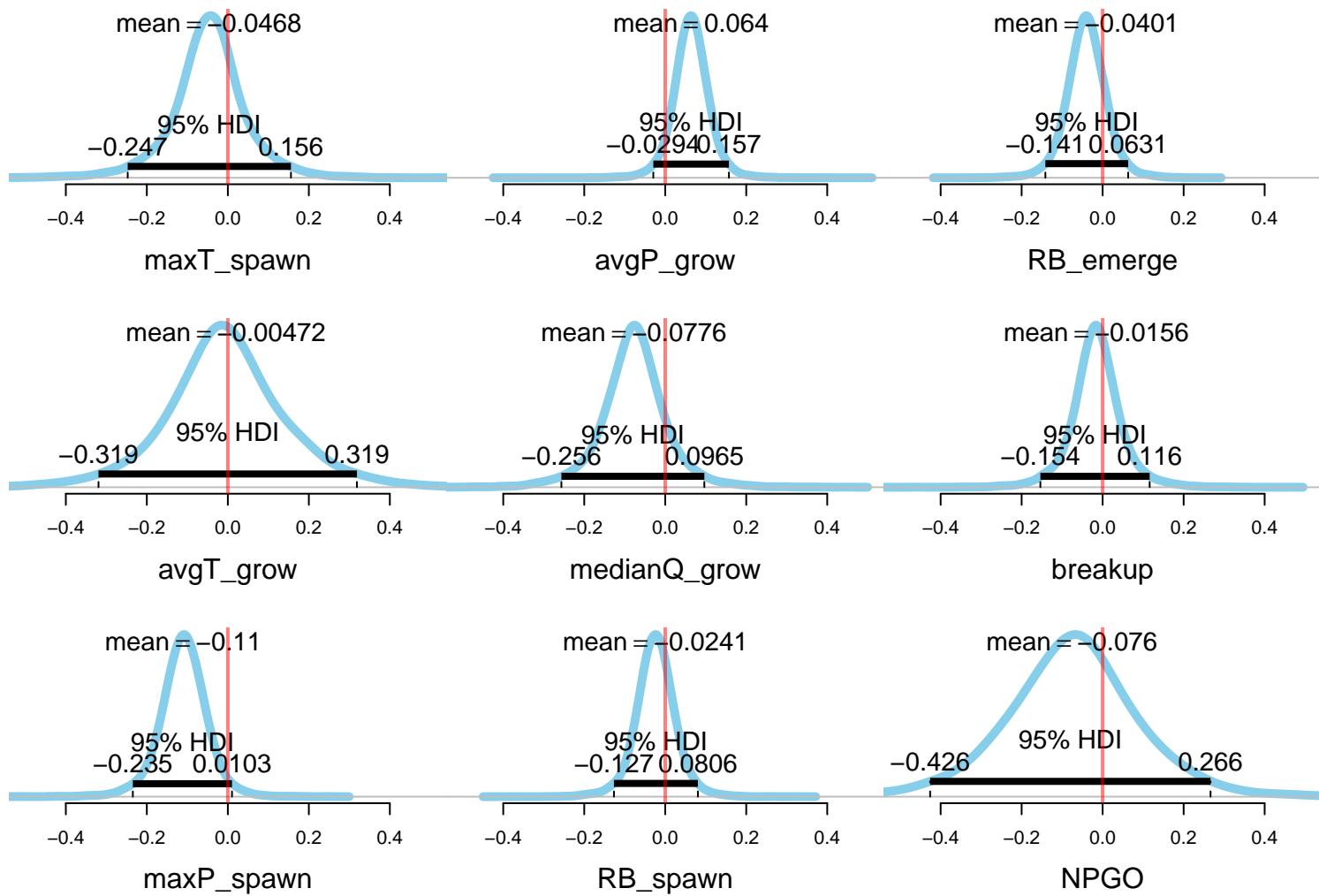


NPGO

## Hyper StDevs

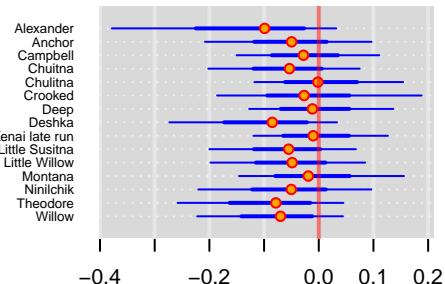


## Full Covariate Prior Distribution (dist.coef)

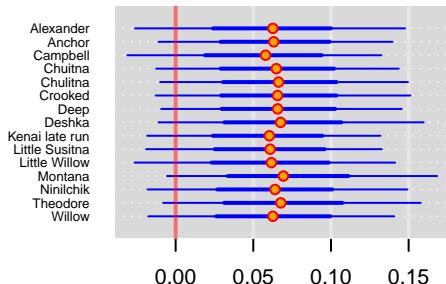


Population

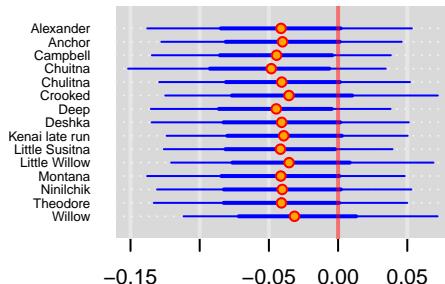
maxT\_spawn



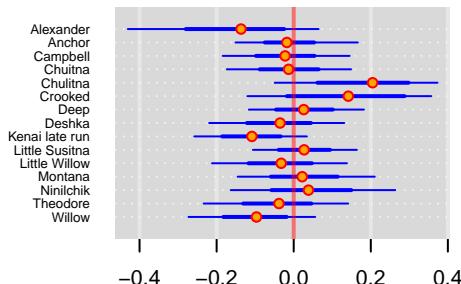
avgP\_grow



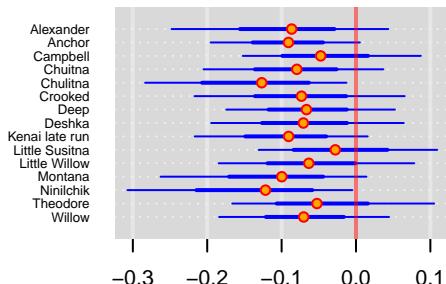
RB\_emerge



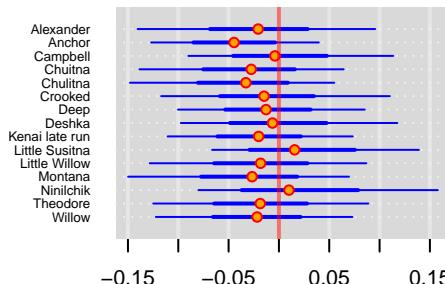
avgT\_grow



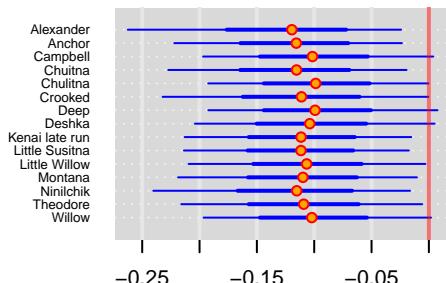
medianQ\_grow



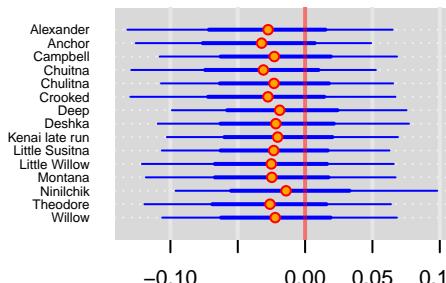
breakup



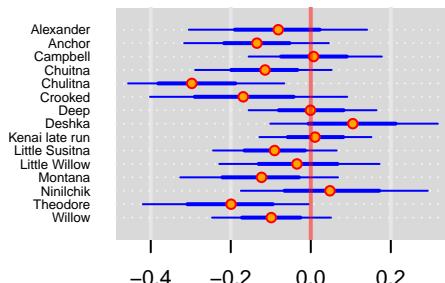
maxP\_spawn



RB\_spawn

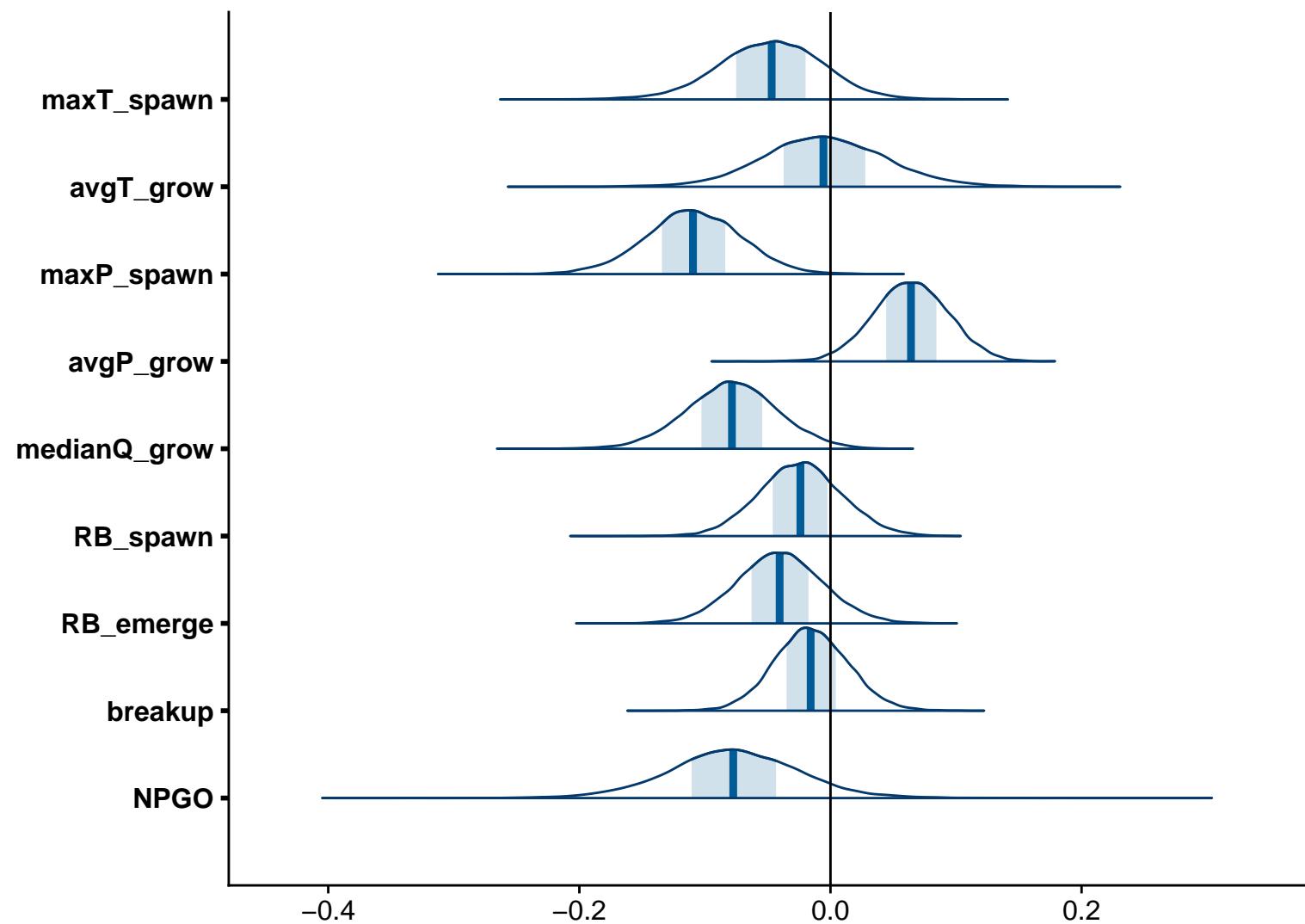


NPGO

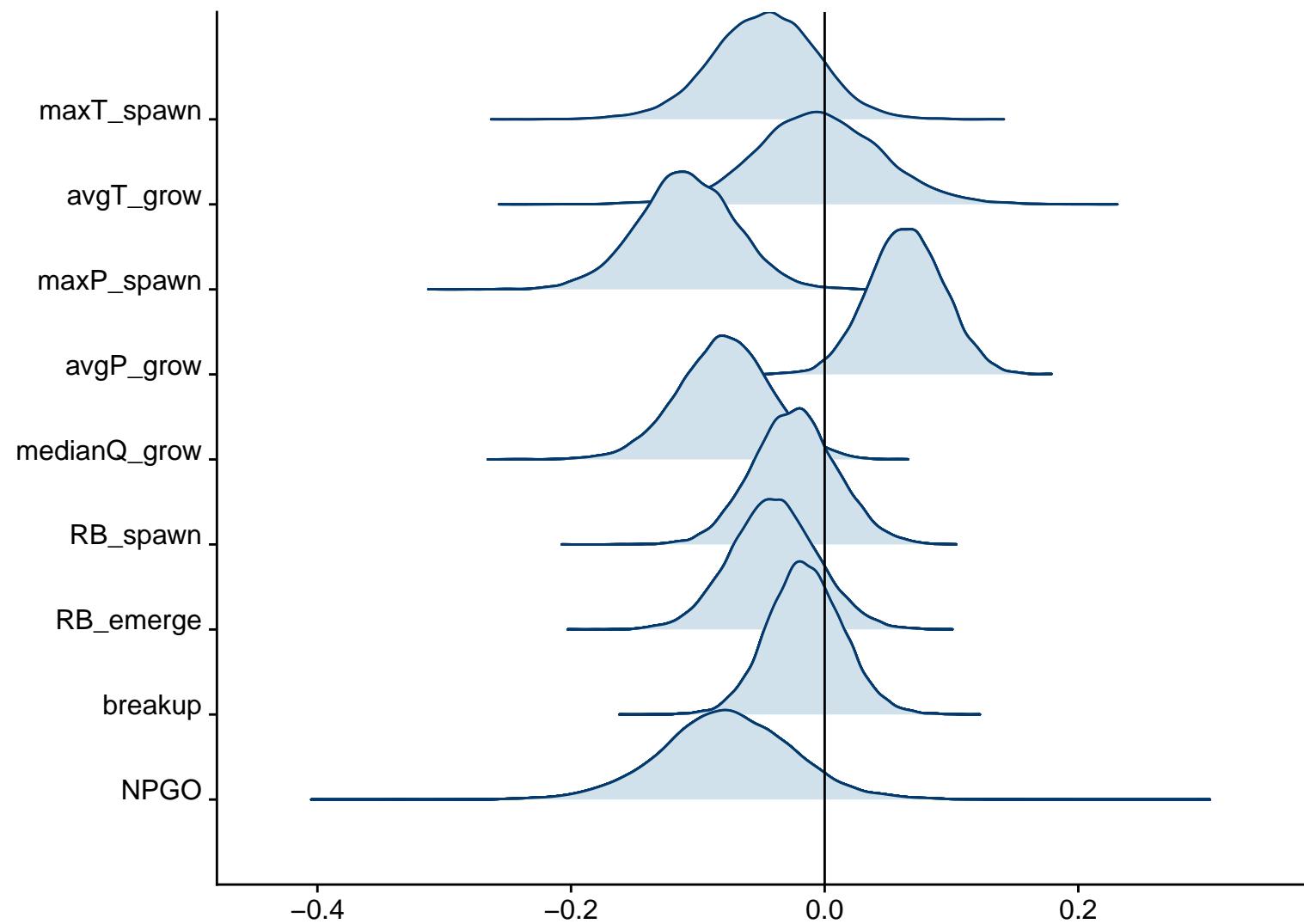


Coefficient (Effect)

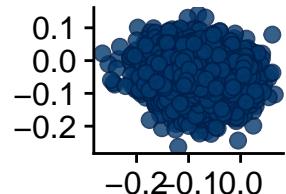
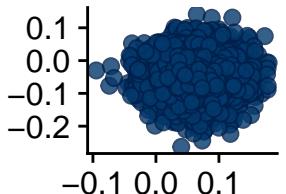
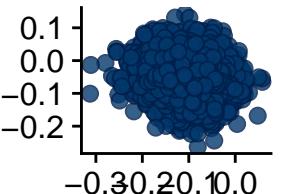
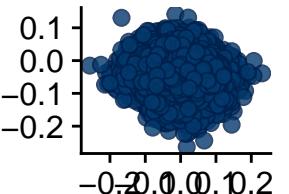
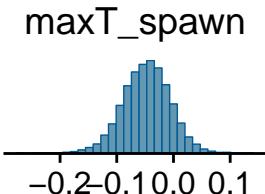
## Group Means (mu.coef)



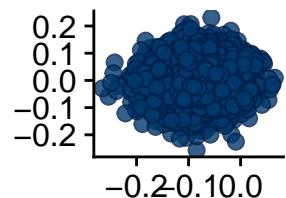
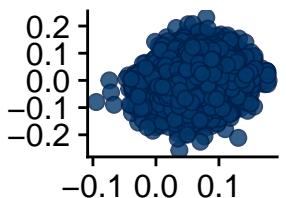
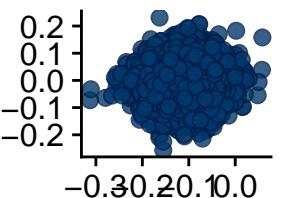
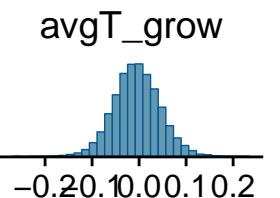
## Group Means (mu.coef)



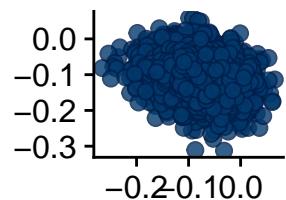
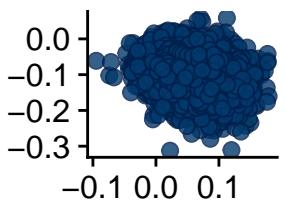
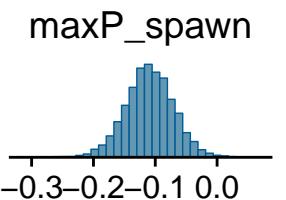
maxT\_spawn



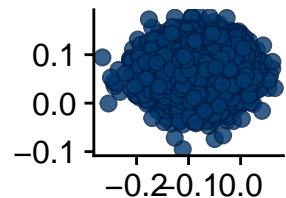
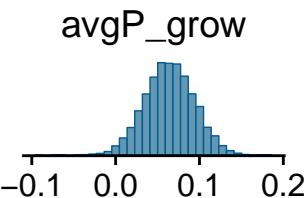
avgT\_grow



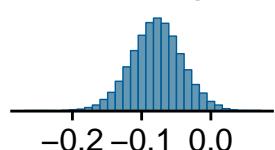
maxP\_spawn

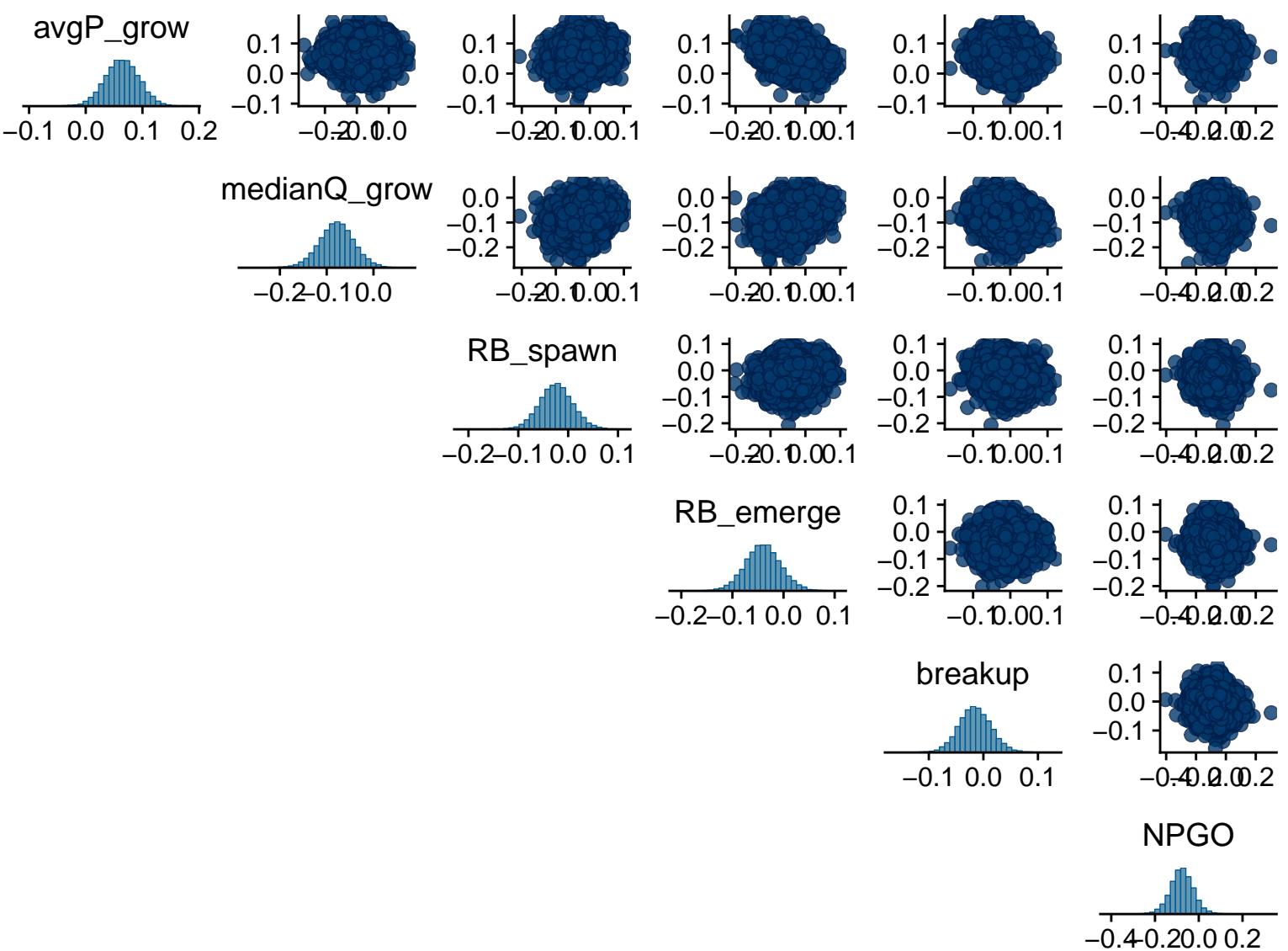


avgP\_grow

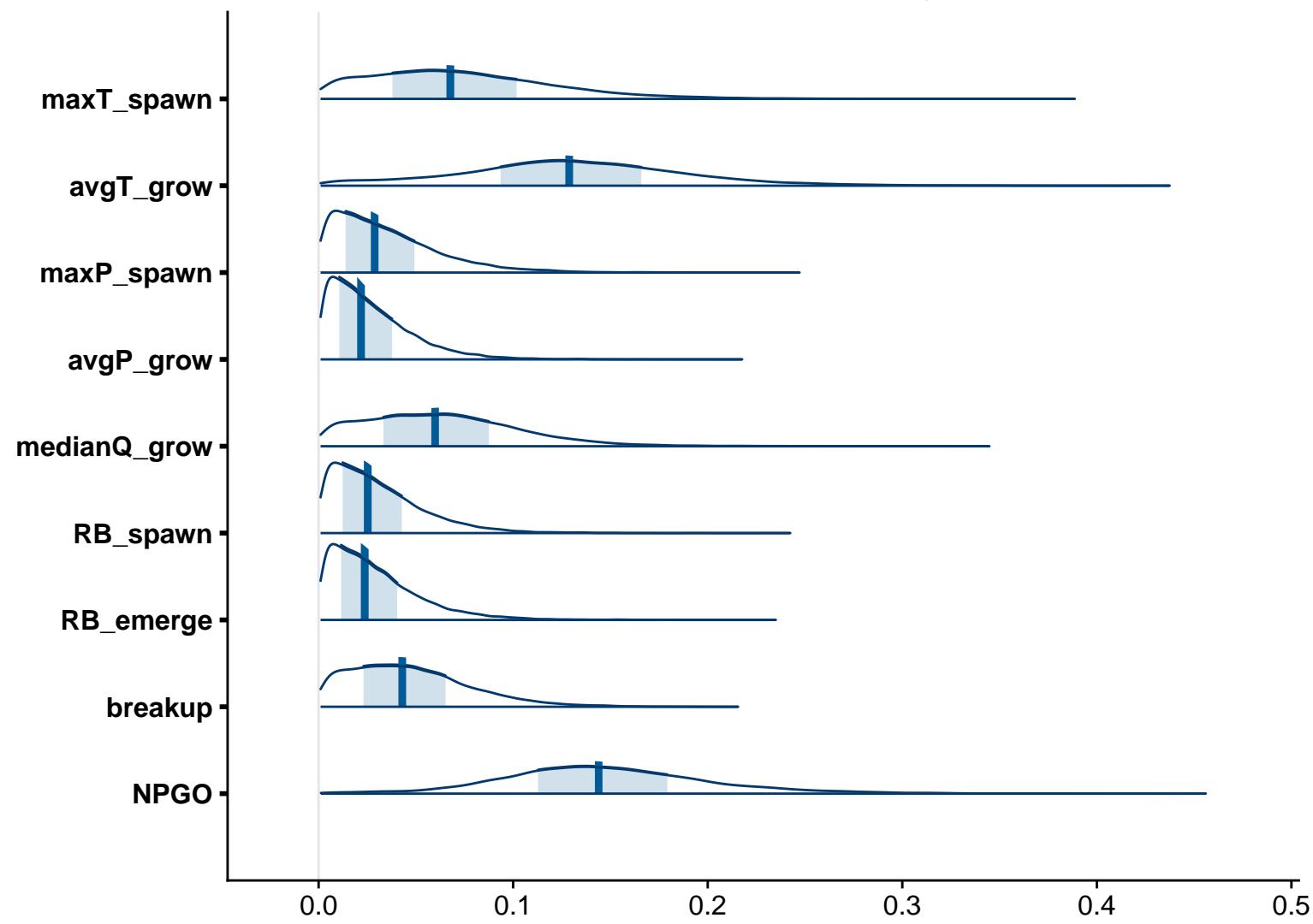


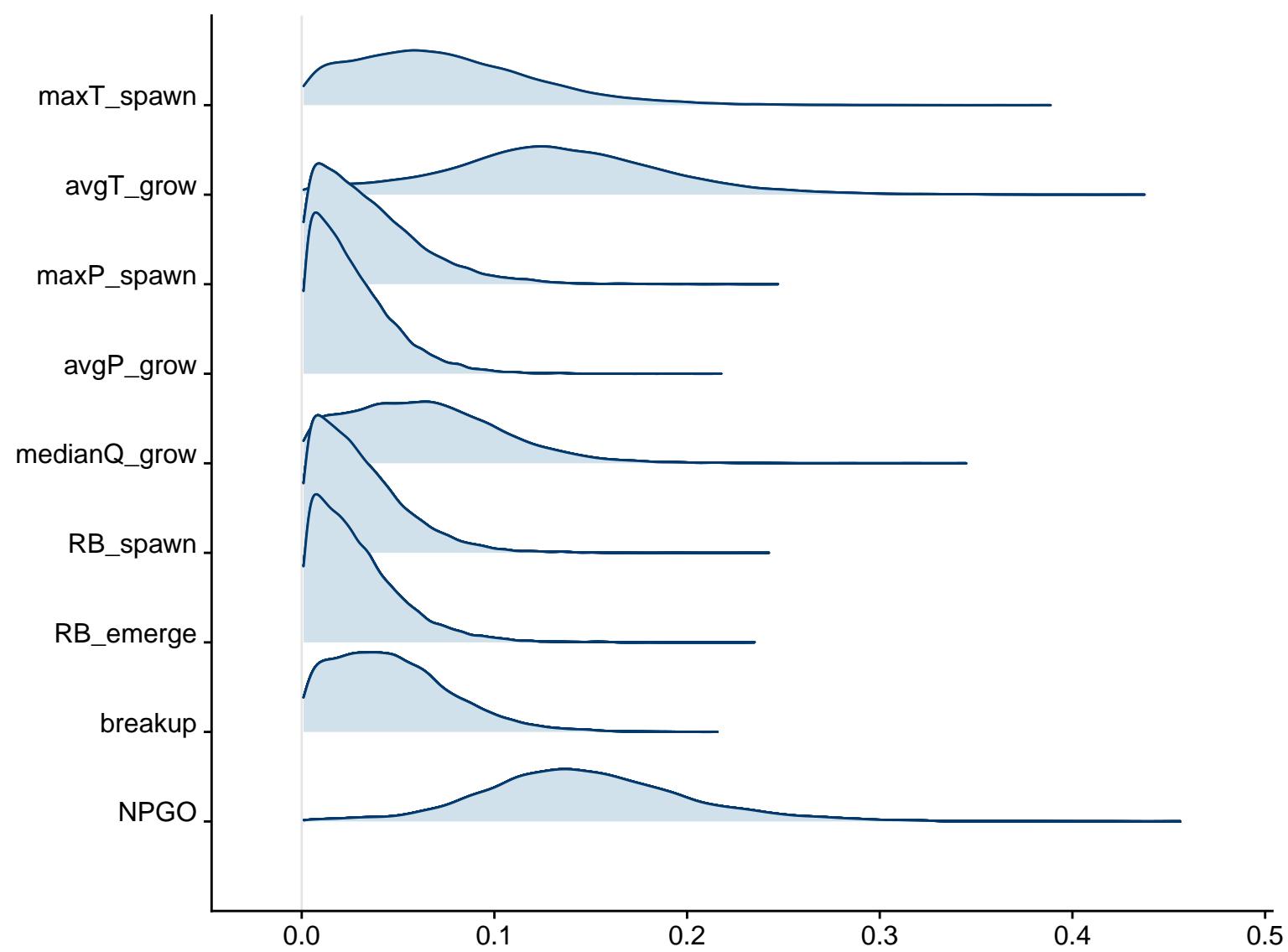
medianQ\_grow



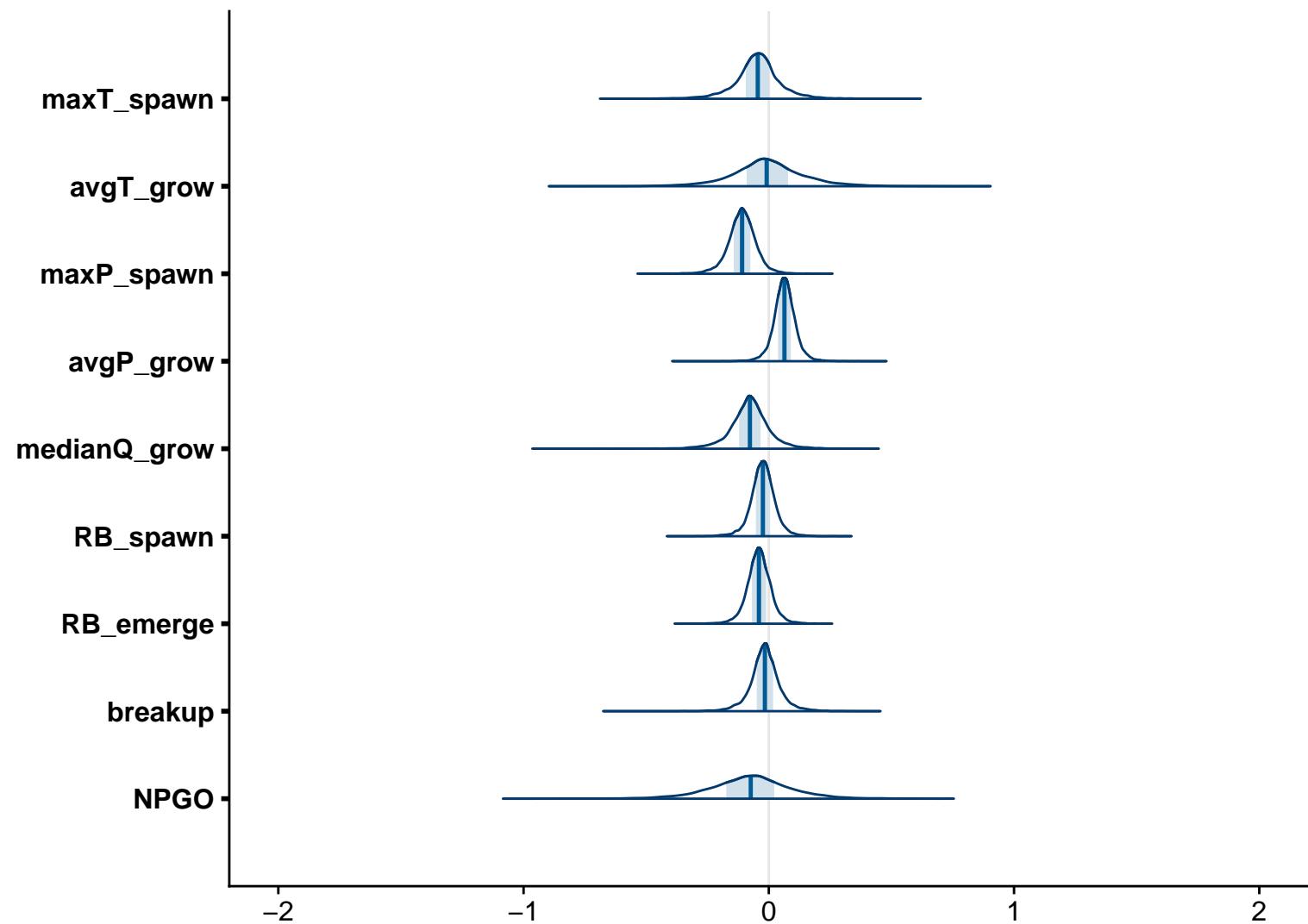


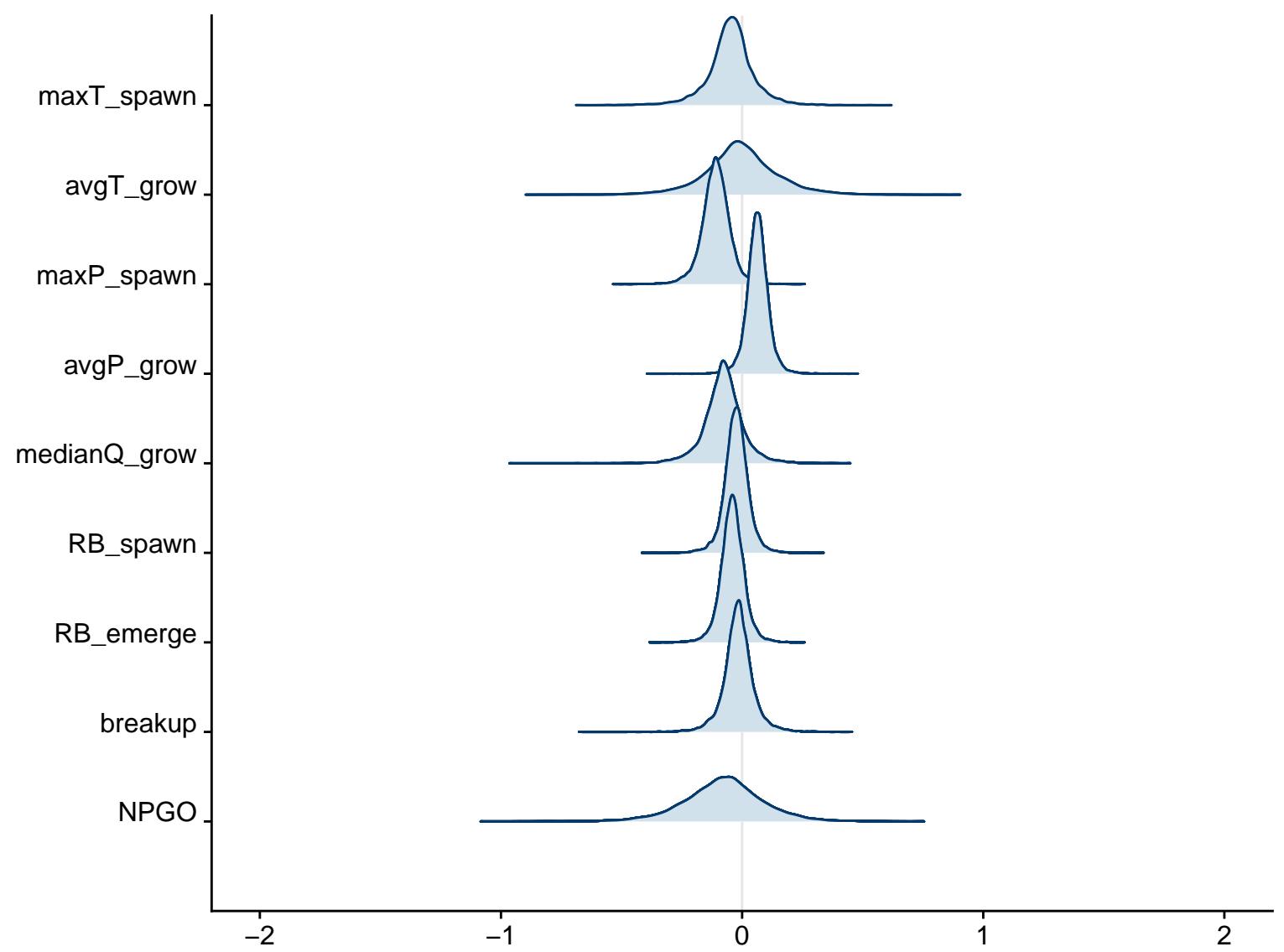
## Group Standard Deviations (sigma.coef)



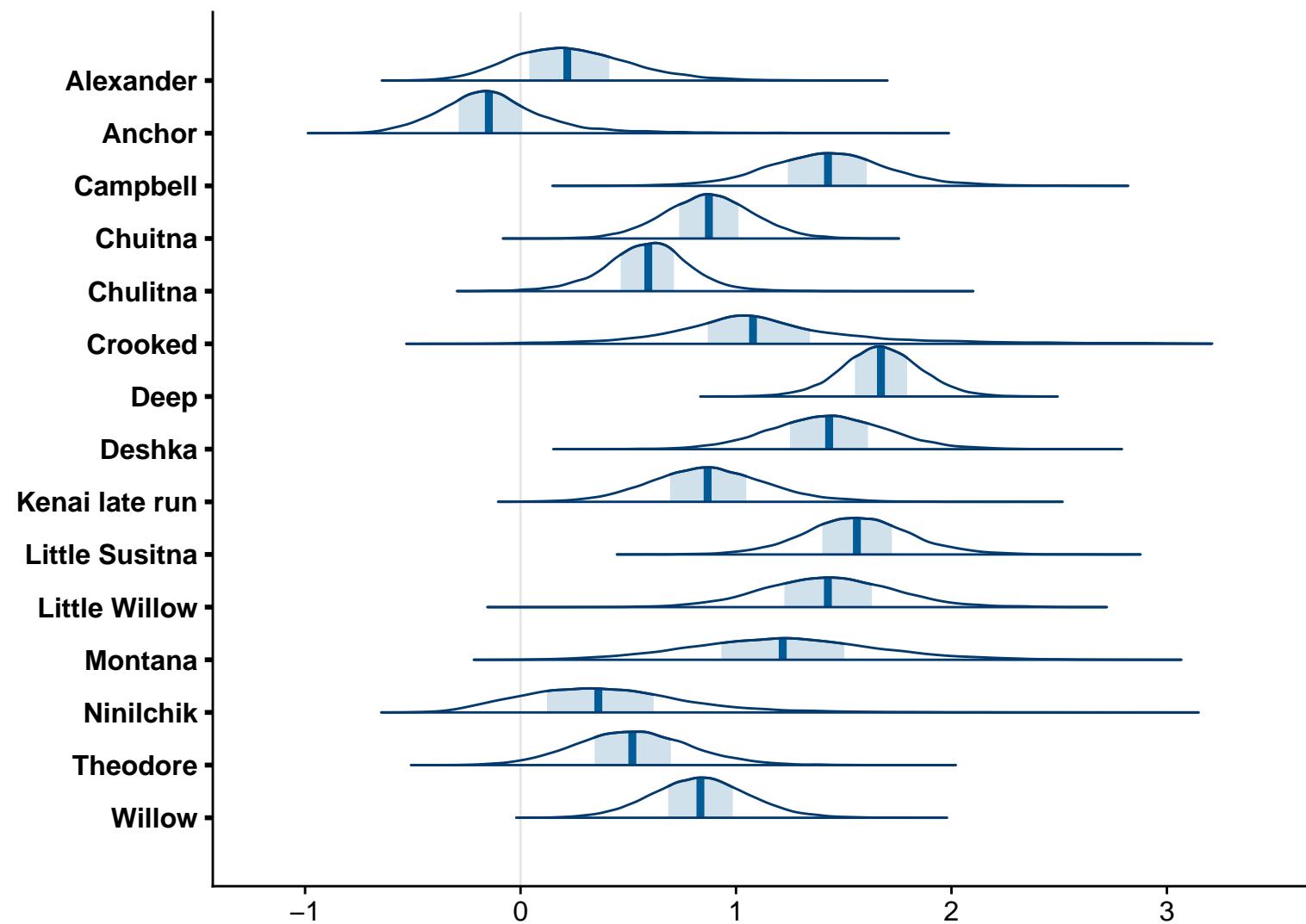


## Full Covariate Prior Distribution (dist.coef)

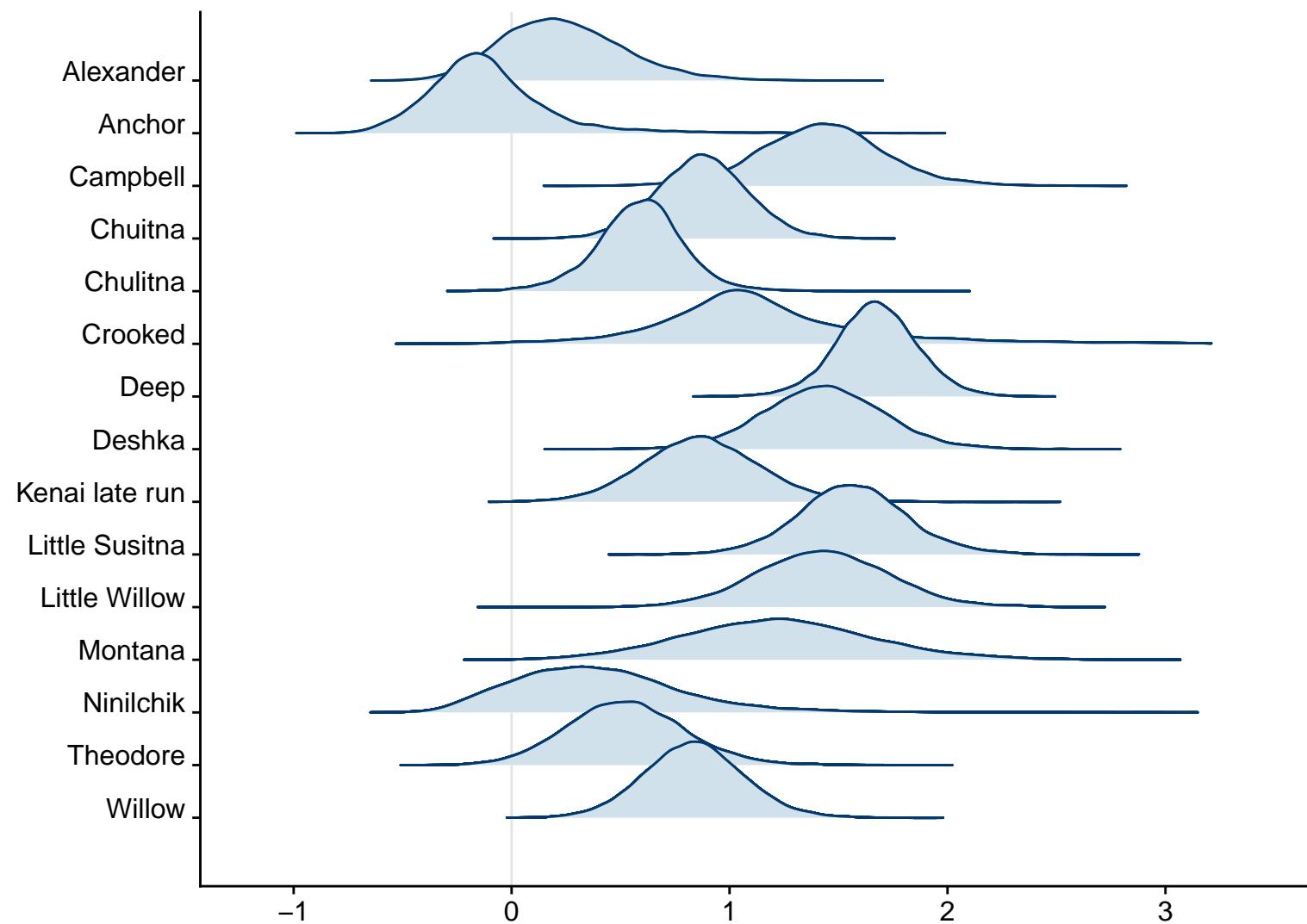




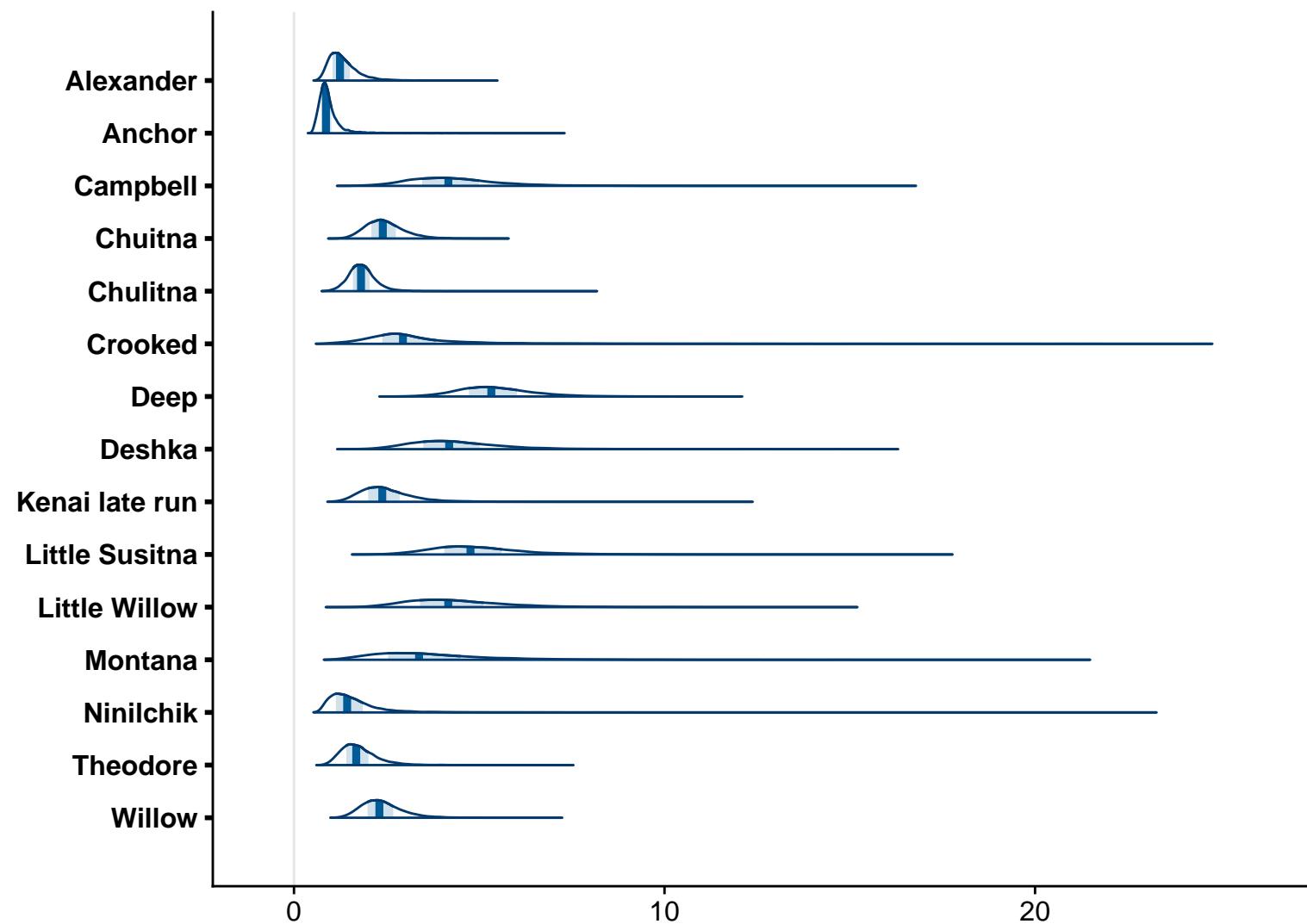
## Ricker Alpha



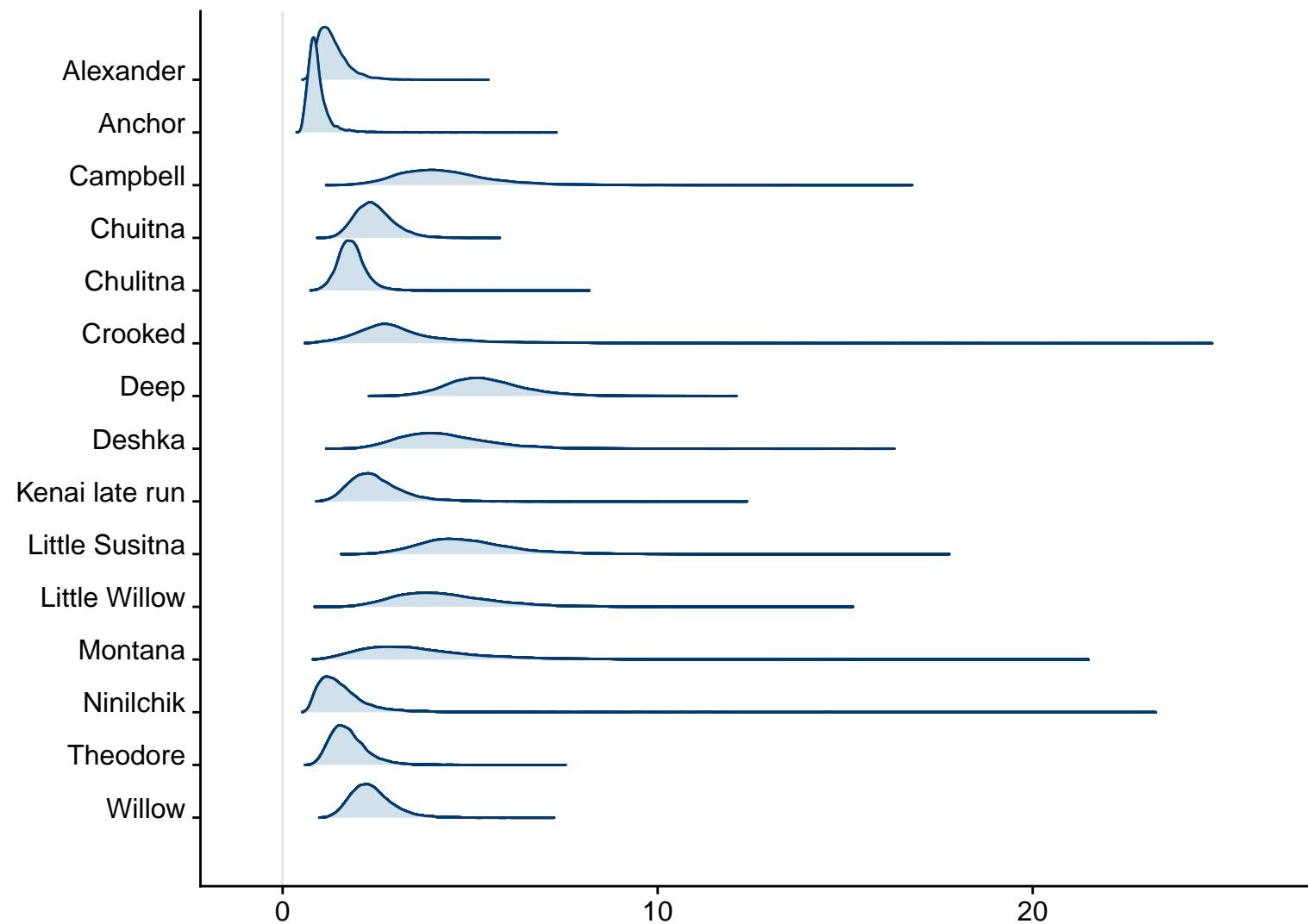
## Ricker Alpha



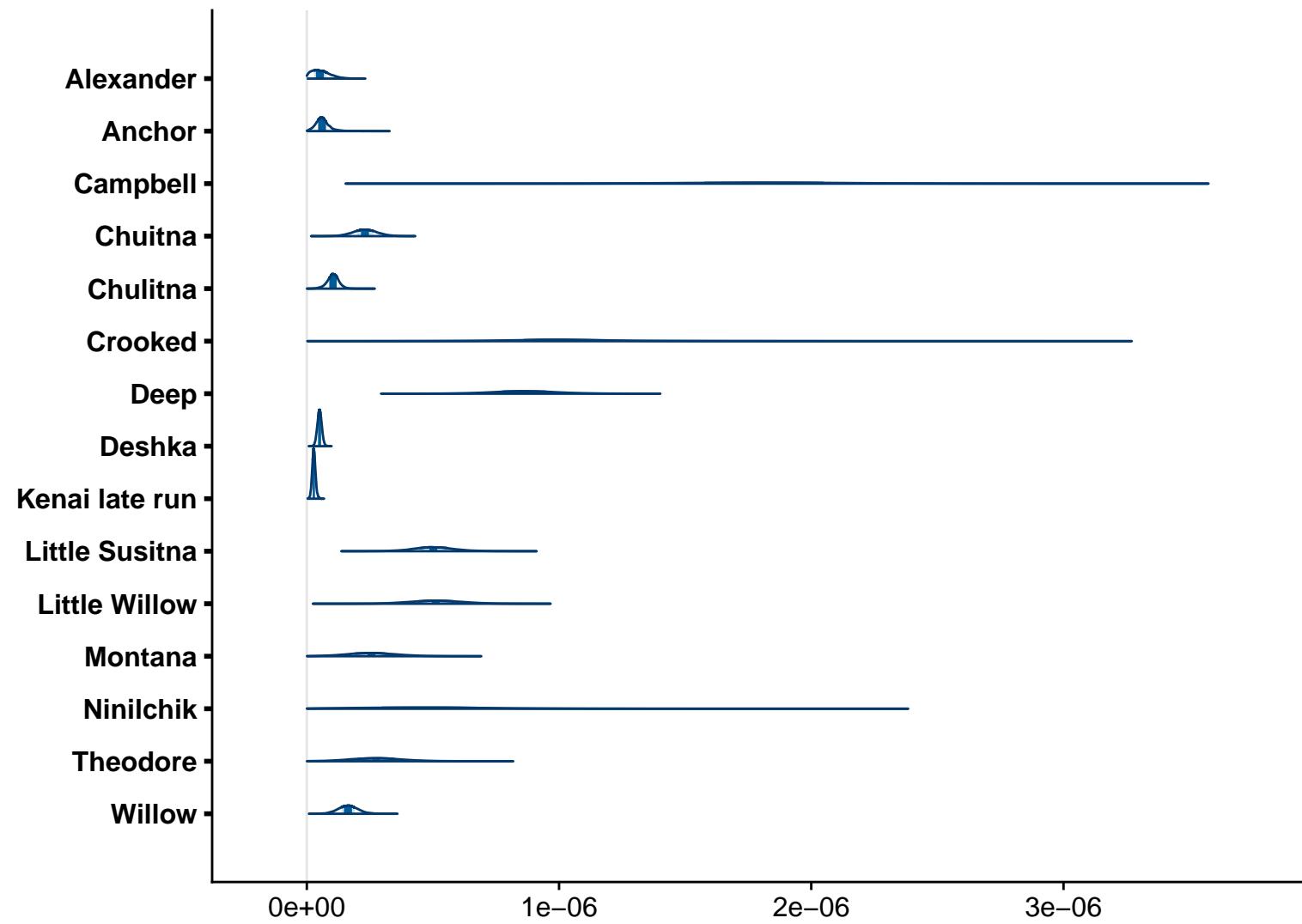
## Maximum Productivity RpS: exp(a)



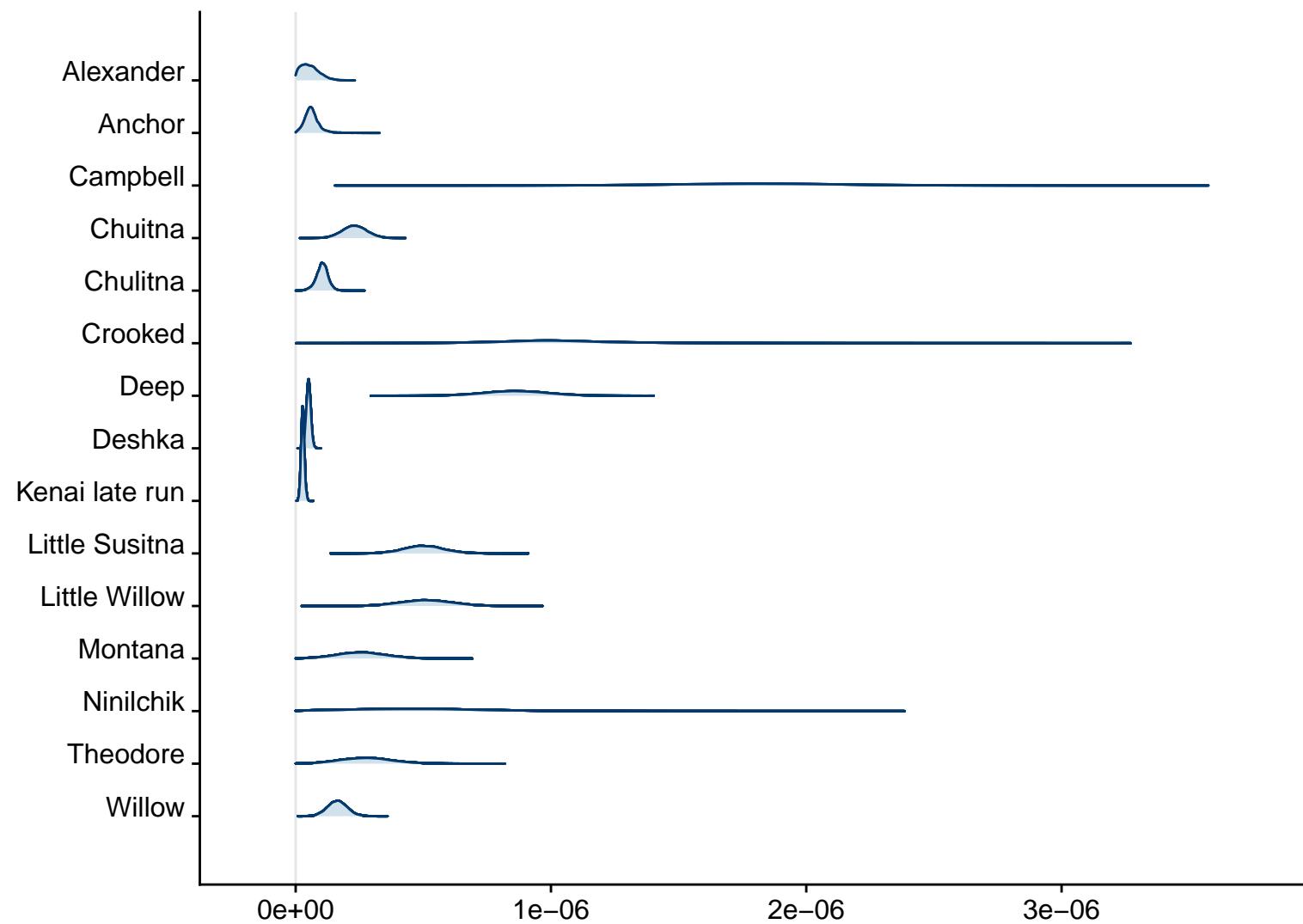
## Maximum Productivity RpS: exp(a)



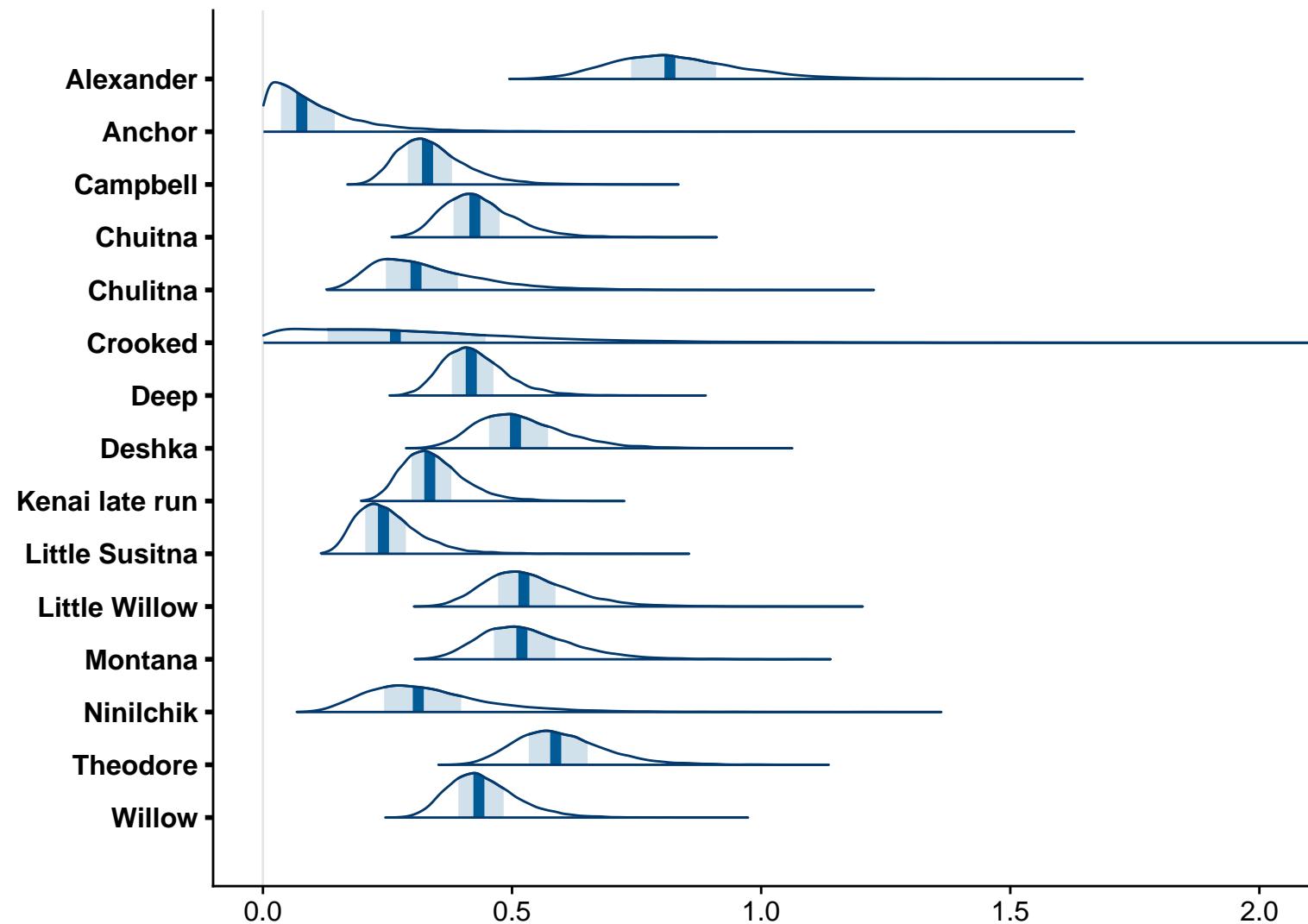
## Equilibrium Abundance (Beta) in Thousands



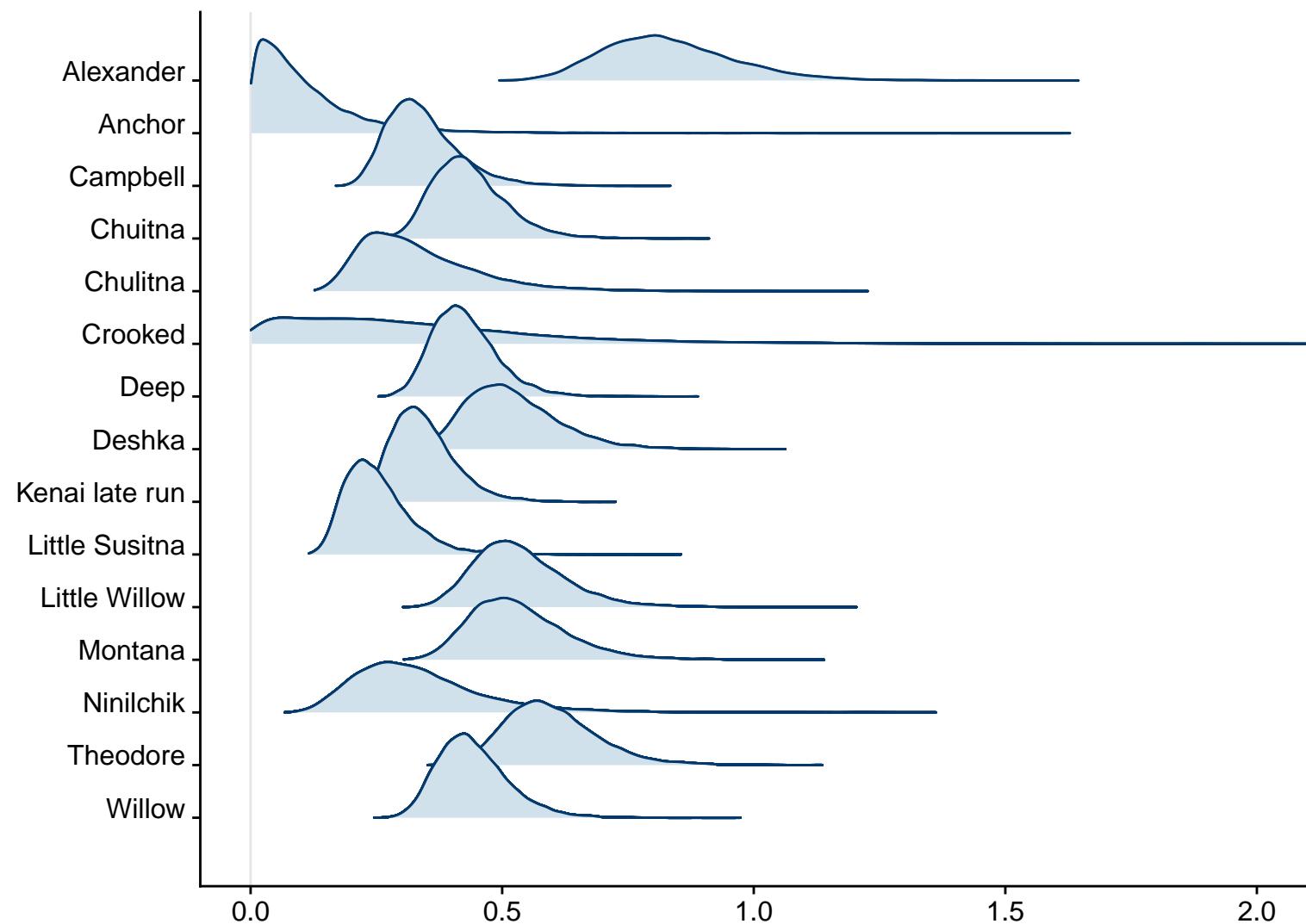
## Equilibrium Abundance (Beta) in Thousands



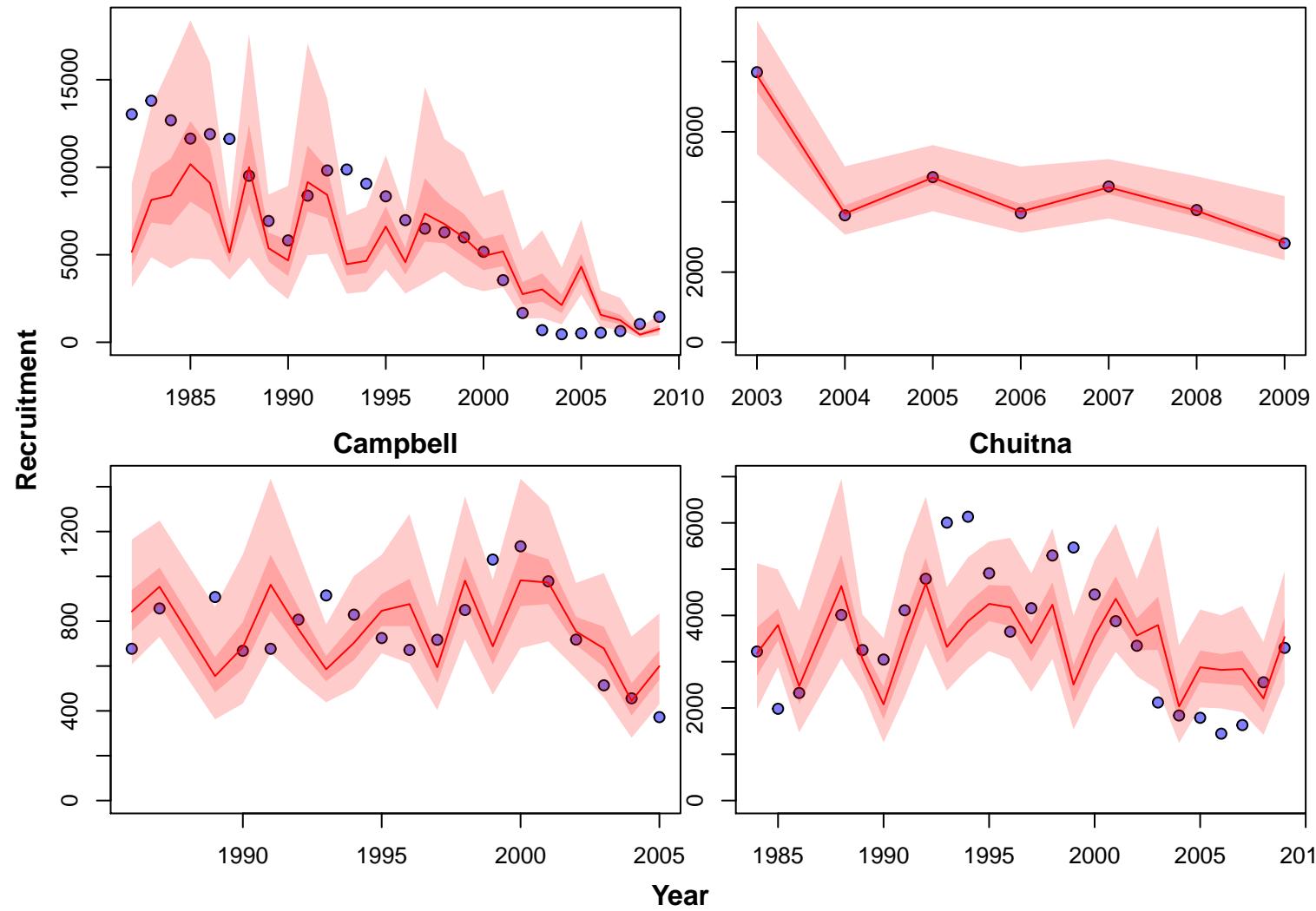
## Process Error (SD)



## Process Error (SD)



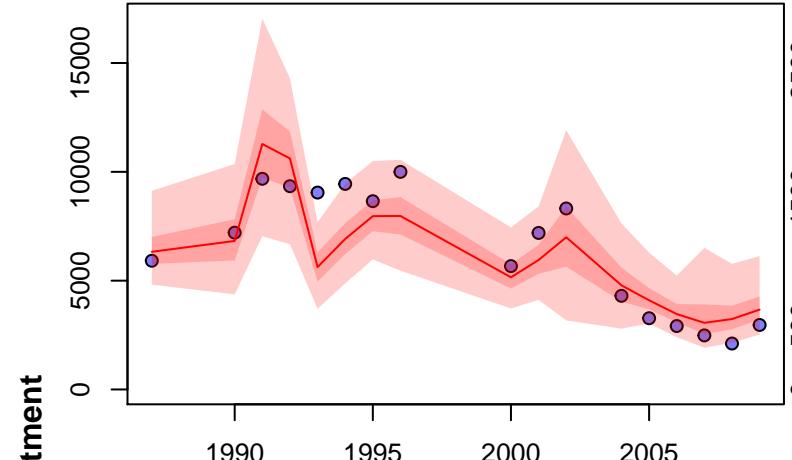
### Alexander



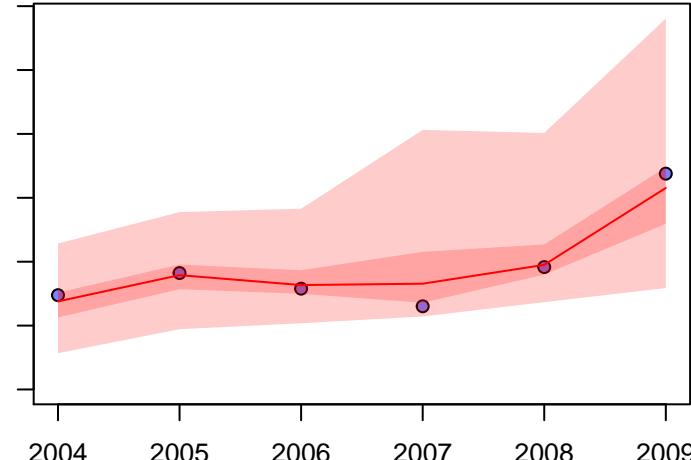
### Anchor

Year

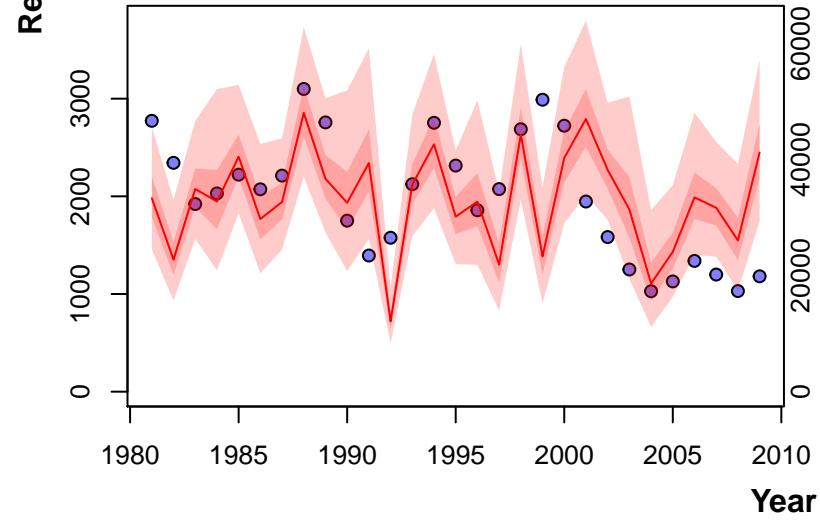
### Chulitna



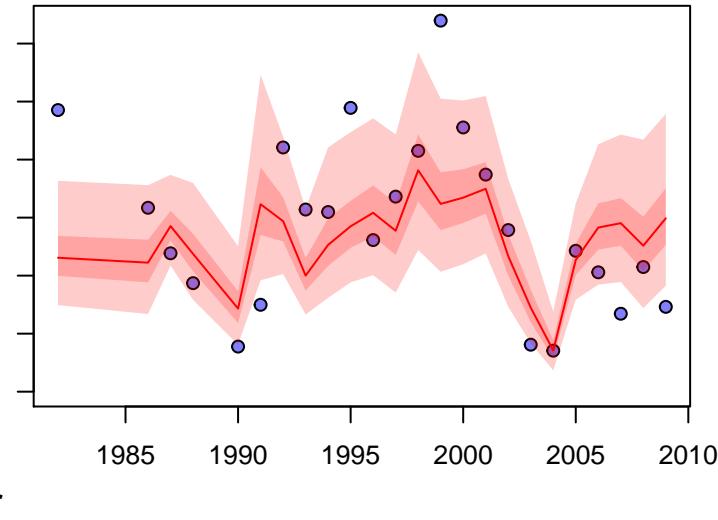
### Crooked



### Deep

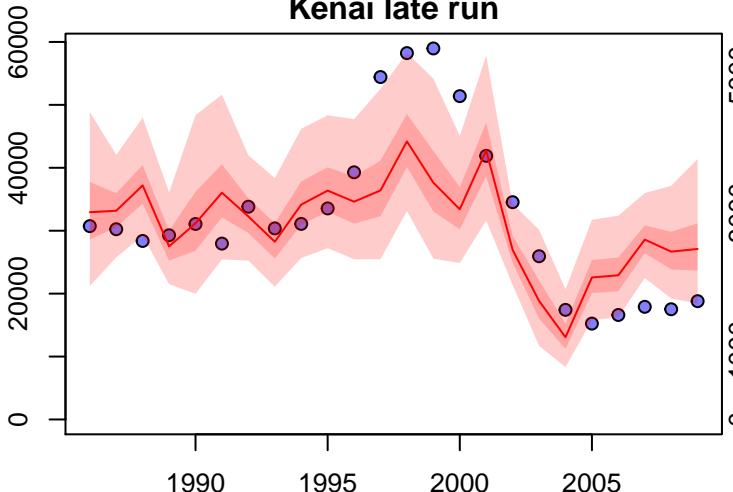


### Deshka

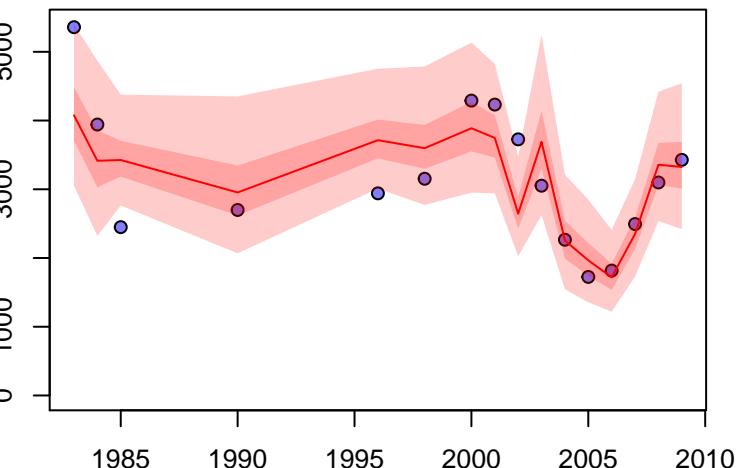


**Recruitment**

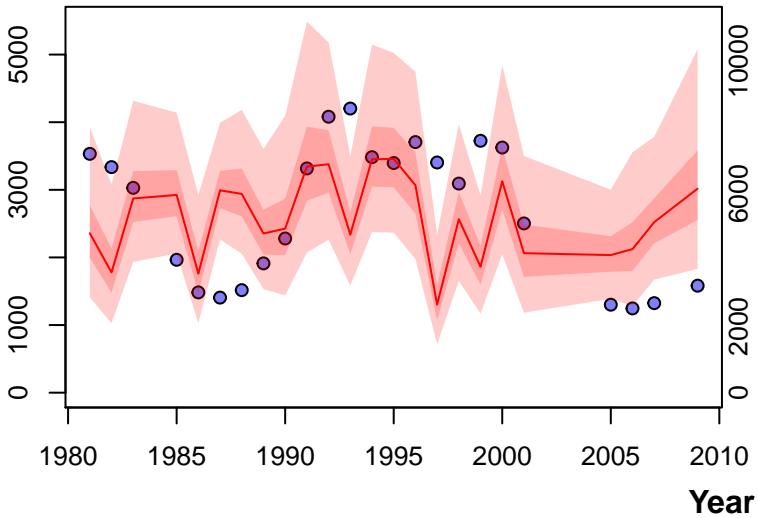
**Kenai late run**



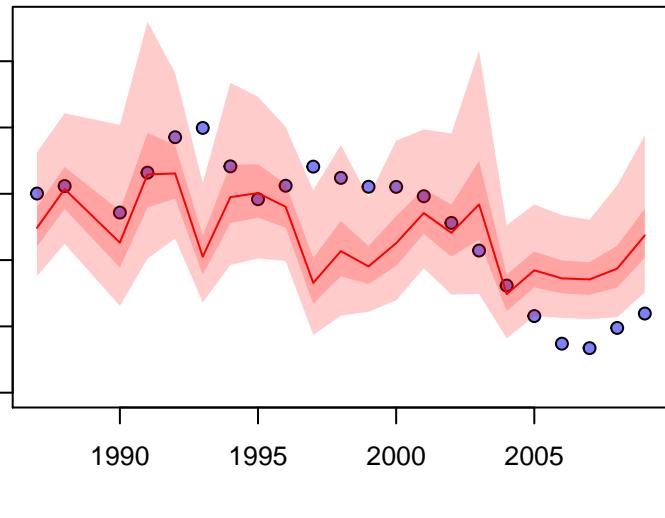
**Little Susitna**



**Little Willow**

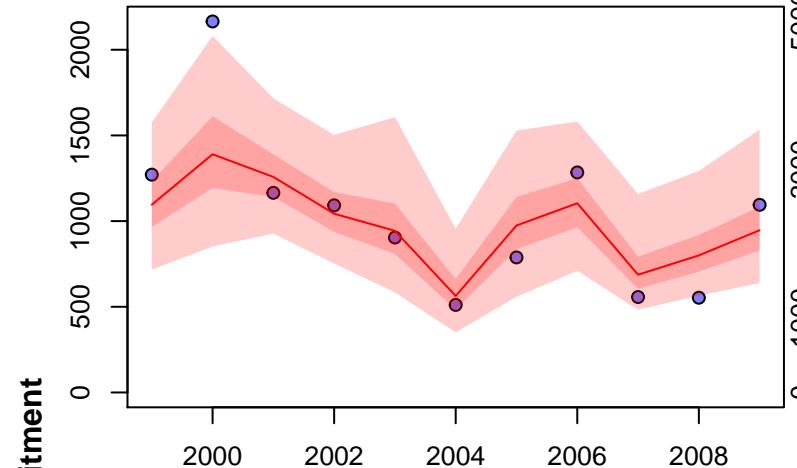


**Montana**

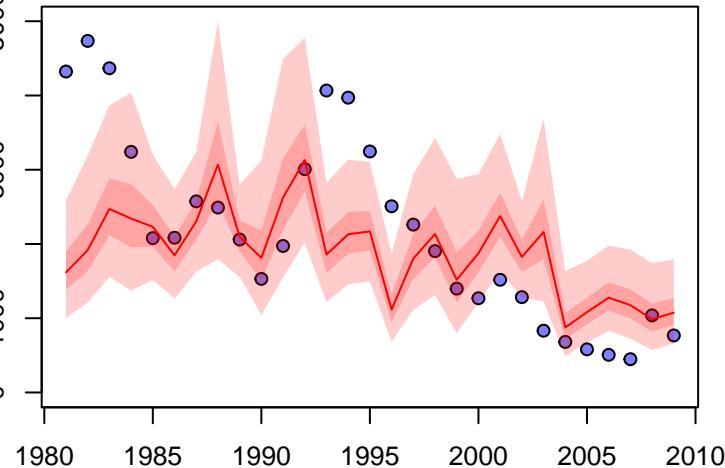


**Year**

### Ninilchik



### Theodore



### Willow

