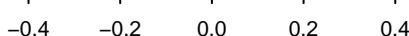


## Hyper Means

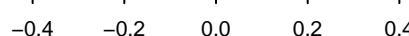
mean = -0.0465

95% HDI  
-0.136 0.0429



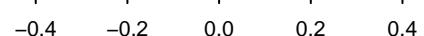
mean = 0.0649

95% HDI  
0.00407 0.725



mean = -0.0386

95% HDI  
-0.109 0.033



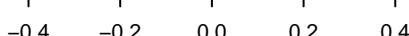
wksGT13\_spawn

avgP\_grow

RB\_emerge

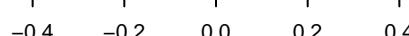
mean = -0.0569

95% HDI  
-0.157 0.0401



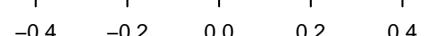
mean = -0.0664

95% HDI  
-0.144 0.0102



mean = -0.0178

95% HDI  
-0.080 0.0471



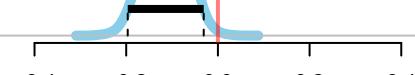
wksGT15\_grow

medianQ\_grow

breakup

mean = -0.113

95% HDI  
-0.197 0.0309



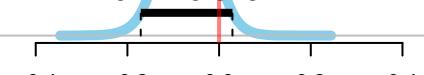
mean = -0.0247

95% HDI  
-0.092 0.0451



mean = -0.0698

95% HDI  
-0.171 0.0291

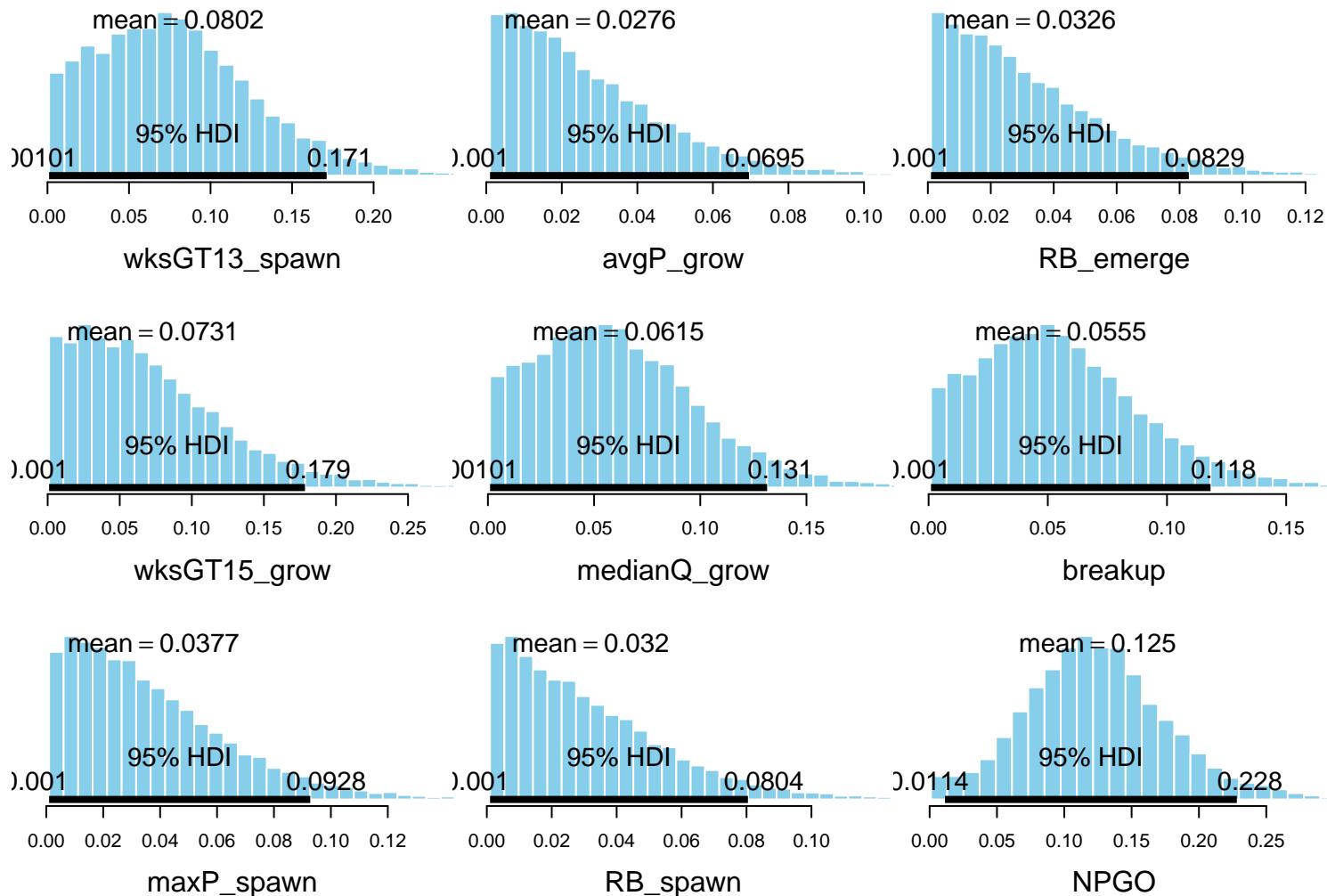


maxP\_spawn

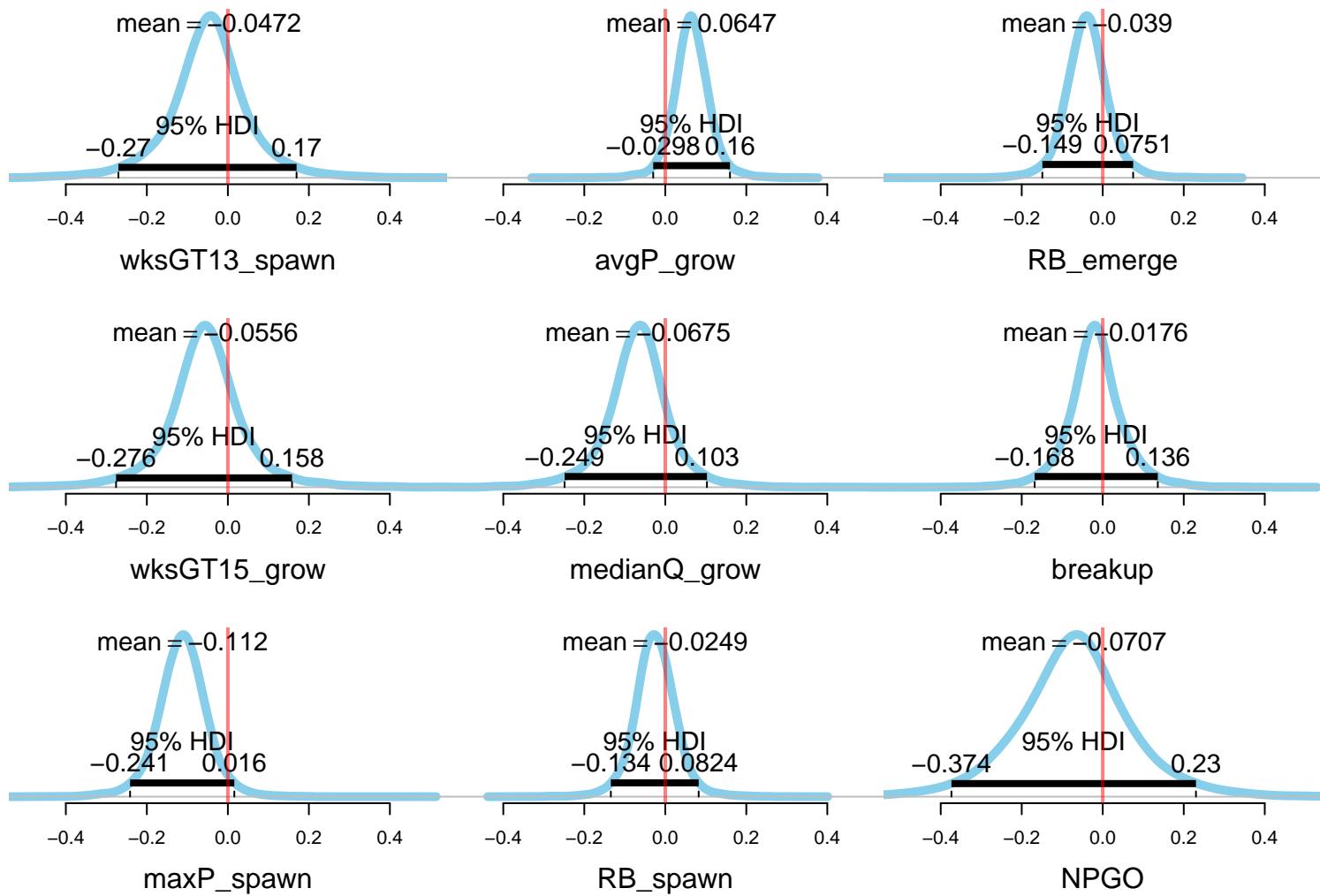
RB\_spawn

NPGO

## Hyper StDevs

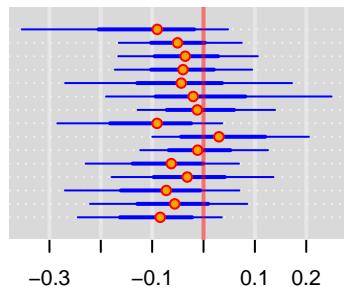


## Full Covariate Prior Distribution (dist.coef)

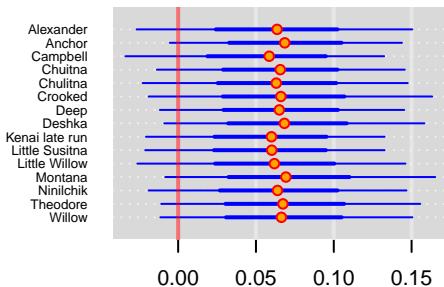




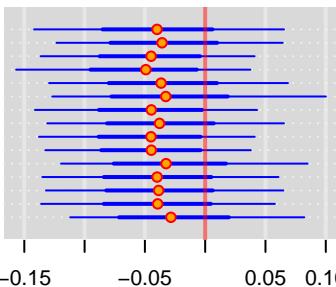
wksGT13\_spawn



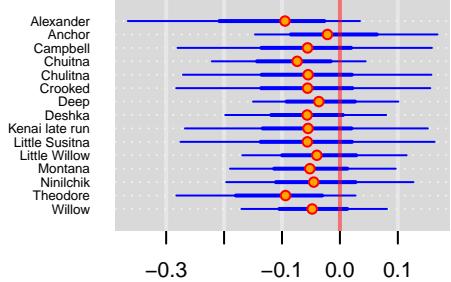
avgP\_grow



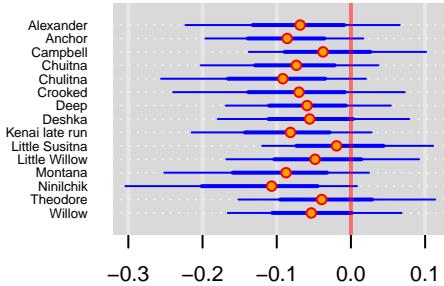
## RB\_emerge



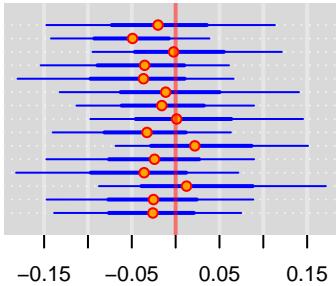
wksGT15\_grow



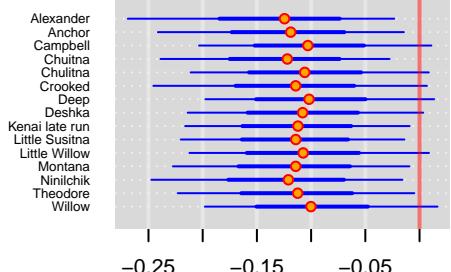
medianQ\_grow



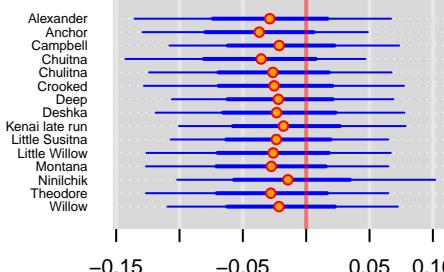
## breakup



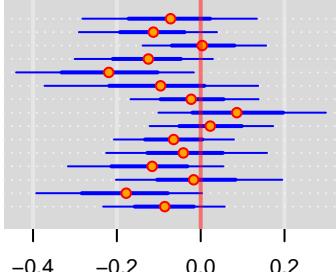
maxP\_spawn



## RB\_spawn

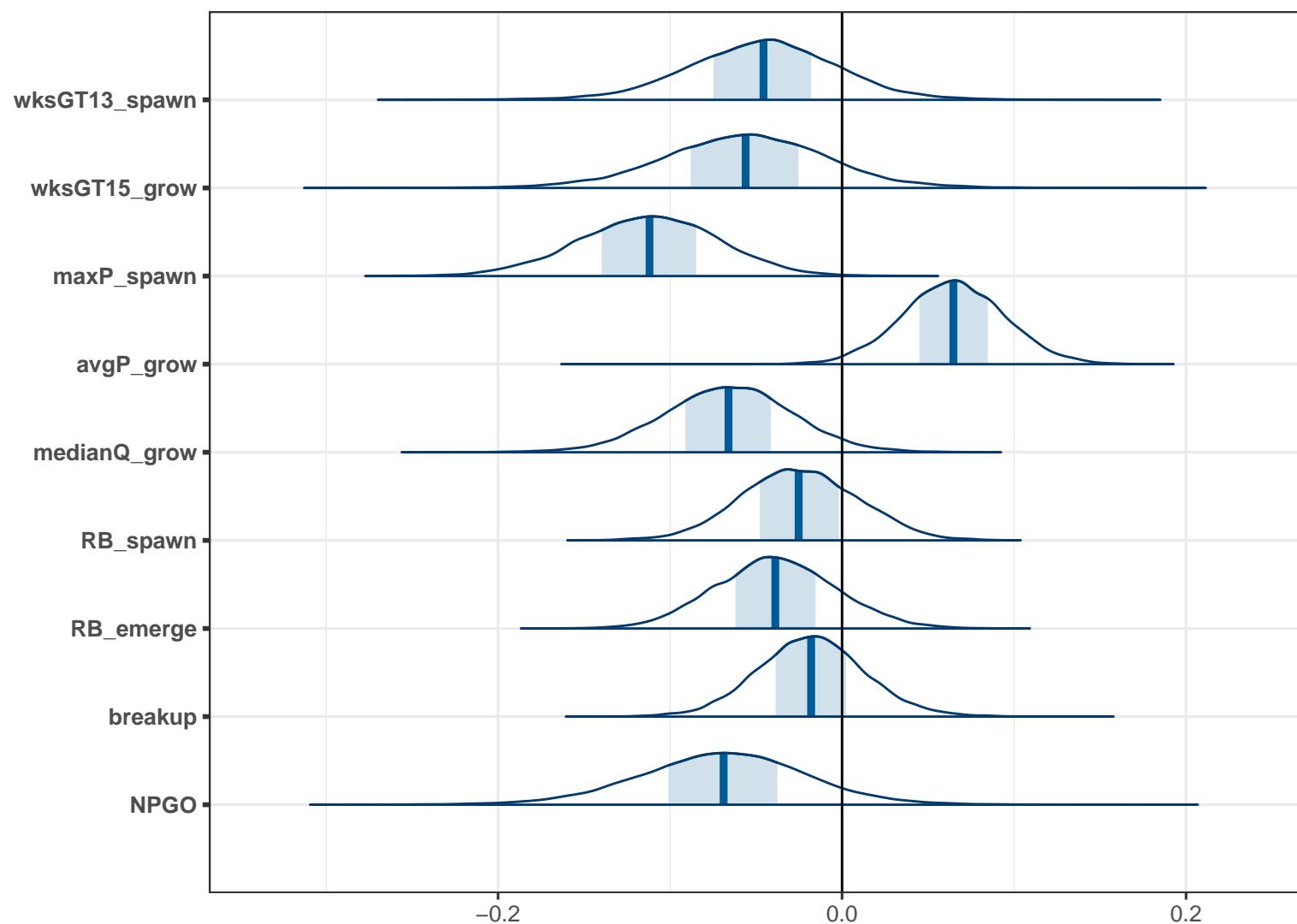


NPGO

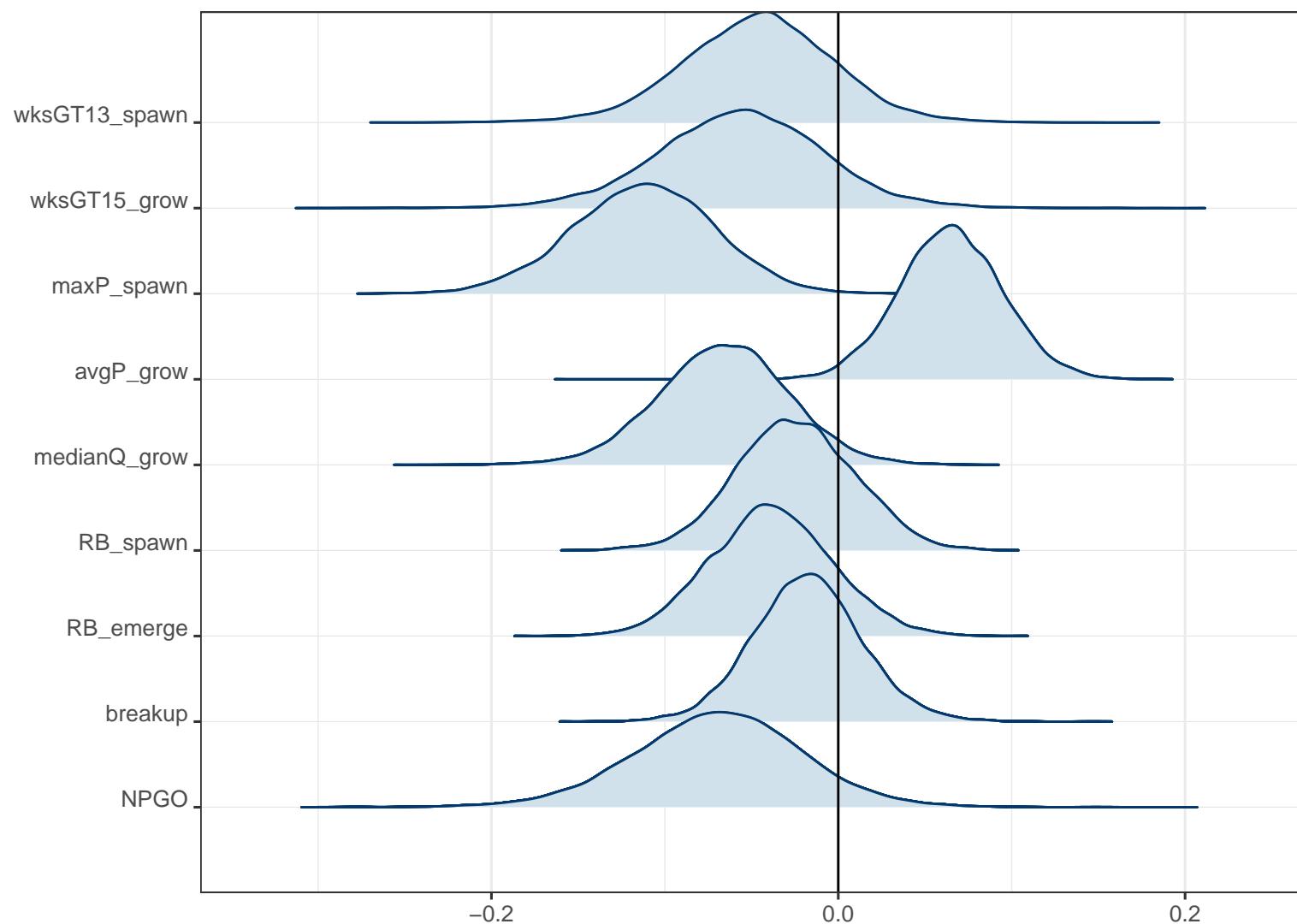


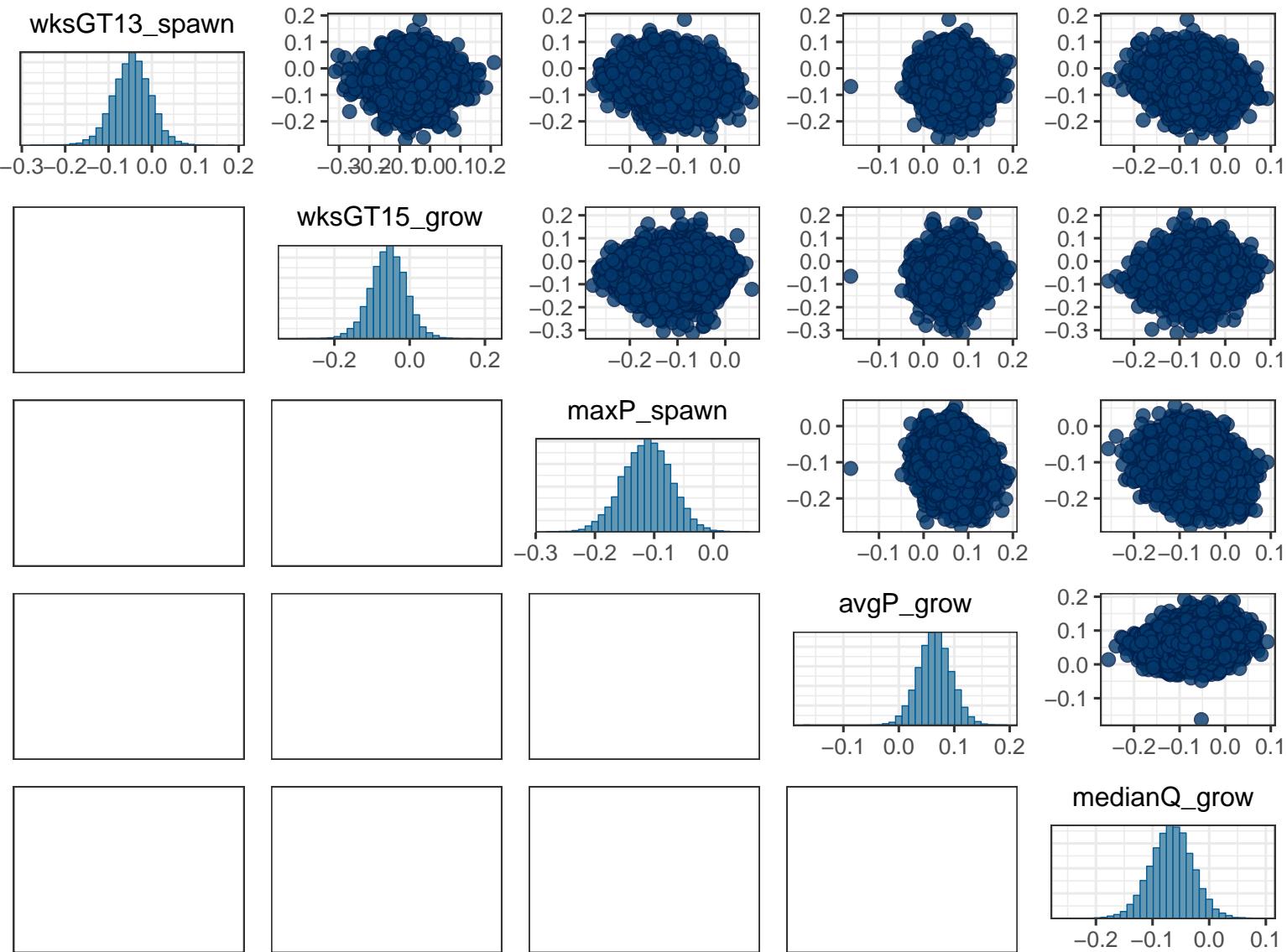
## Coefficient (Effect)

## Group Means (mu.coef)

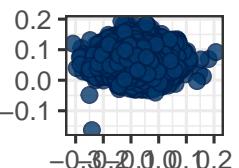
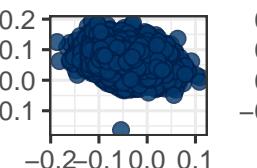
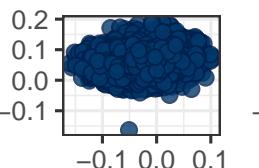
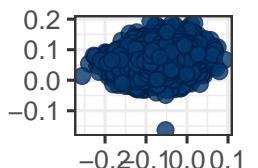
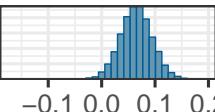


## Group Means (mu.coef)

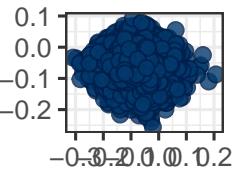
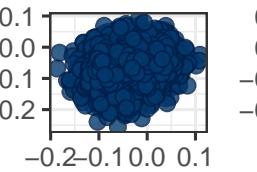
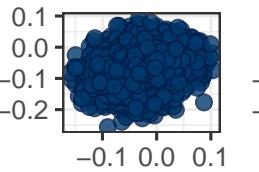
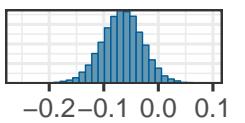




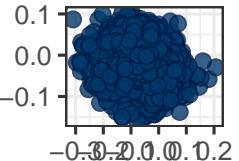
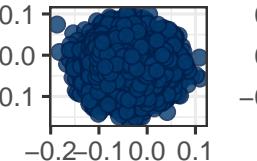
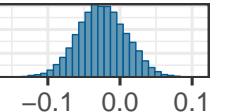
avgP\_grow



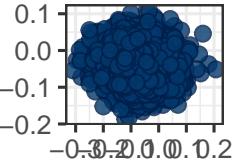
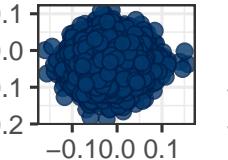
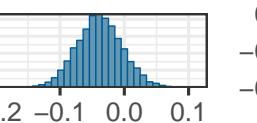
medianQ\_grow



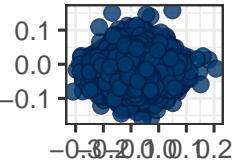
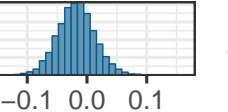
RB\_spawn



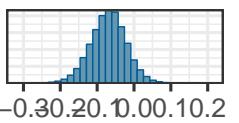
RB\_emerge



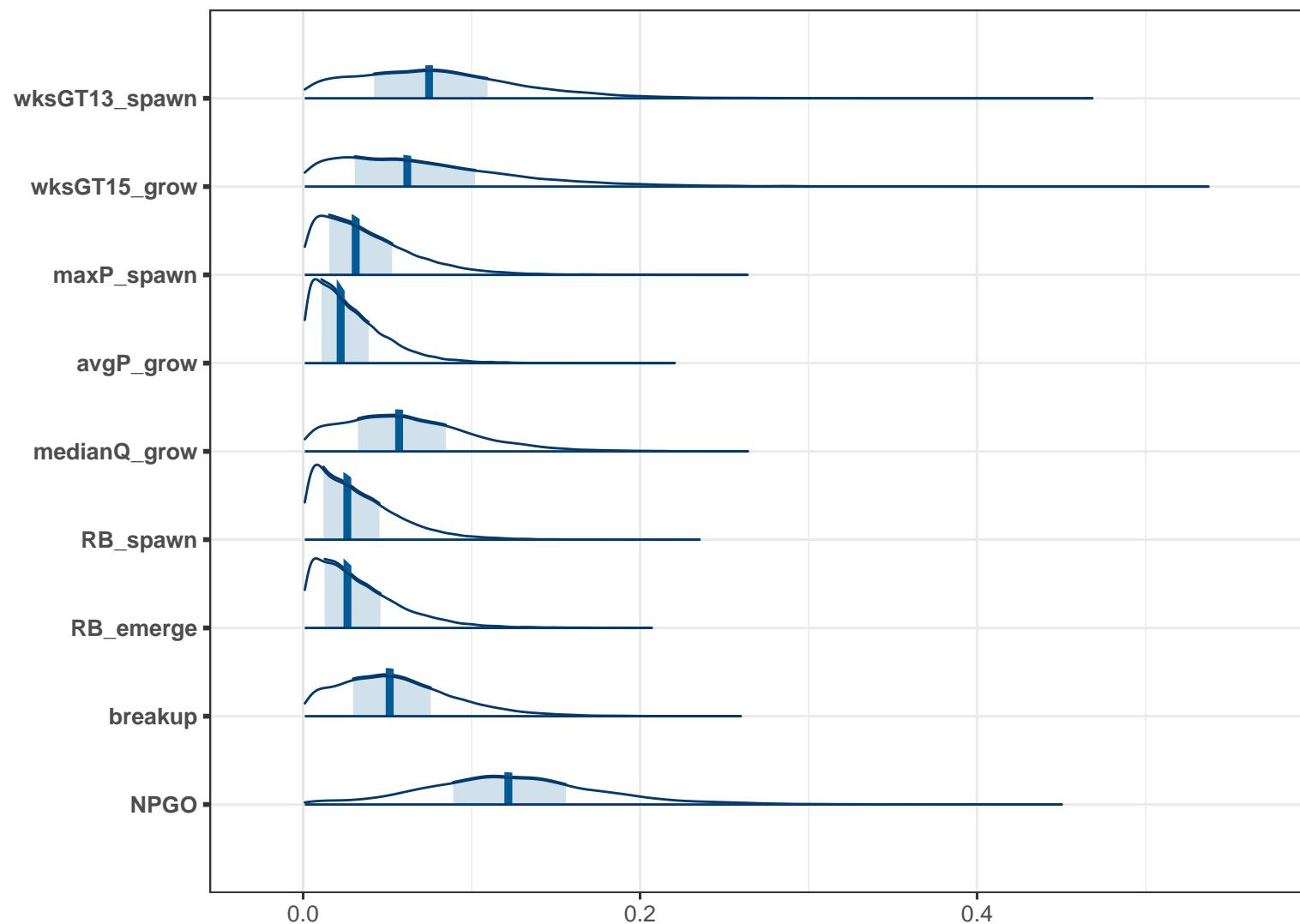
breakup

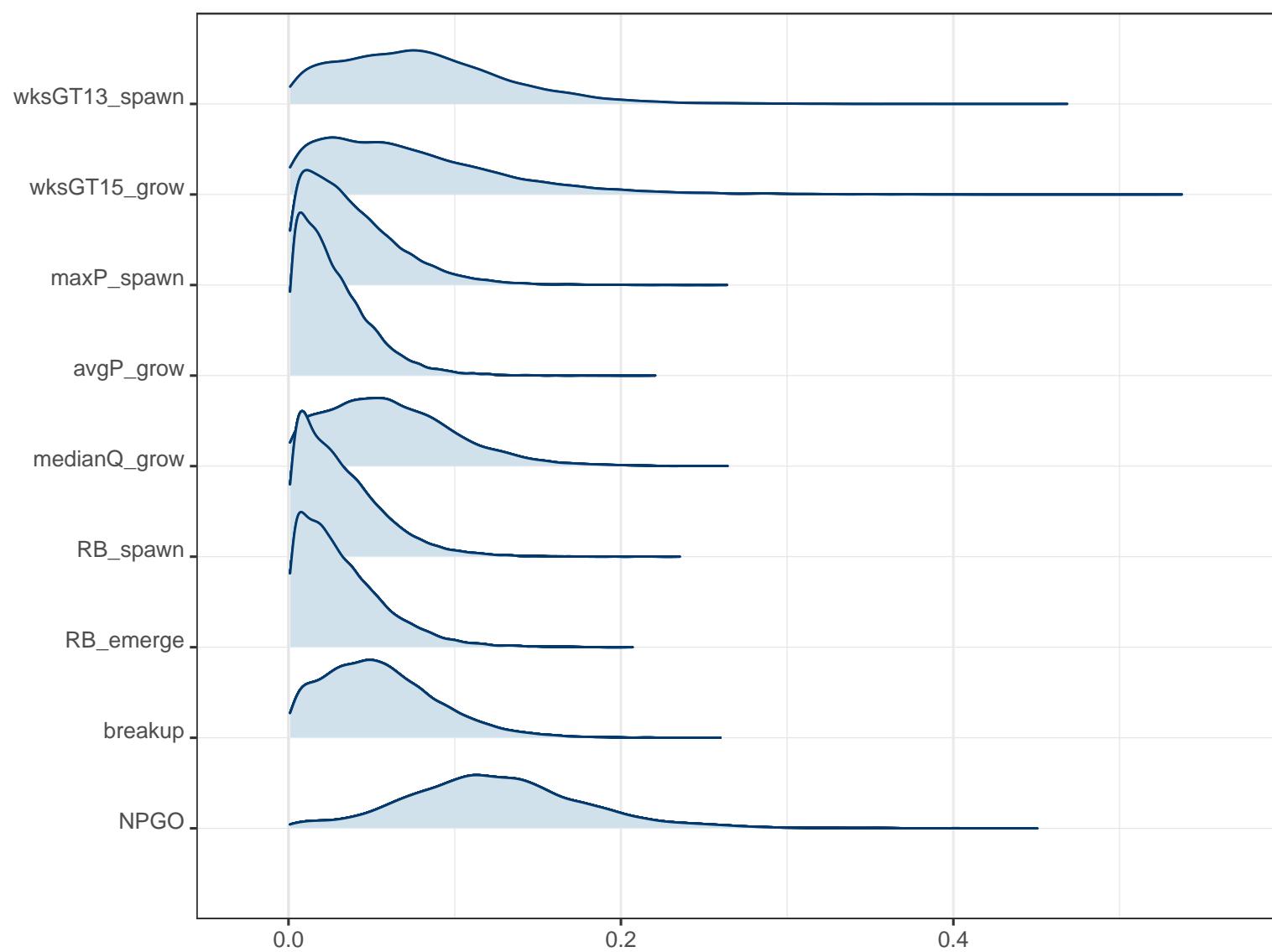


NPGO

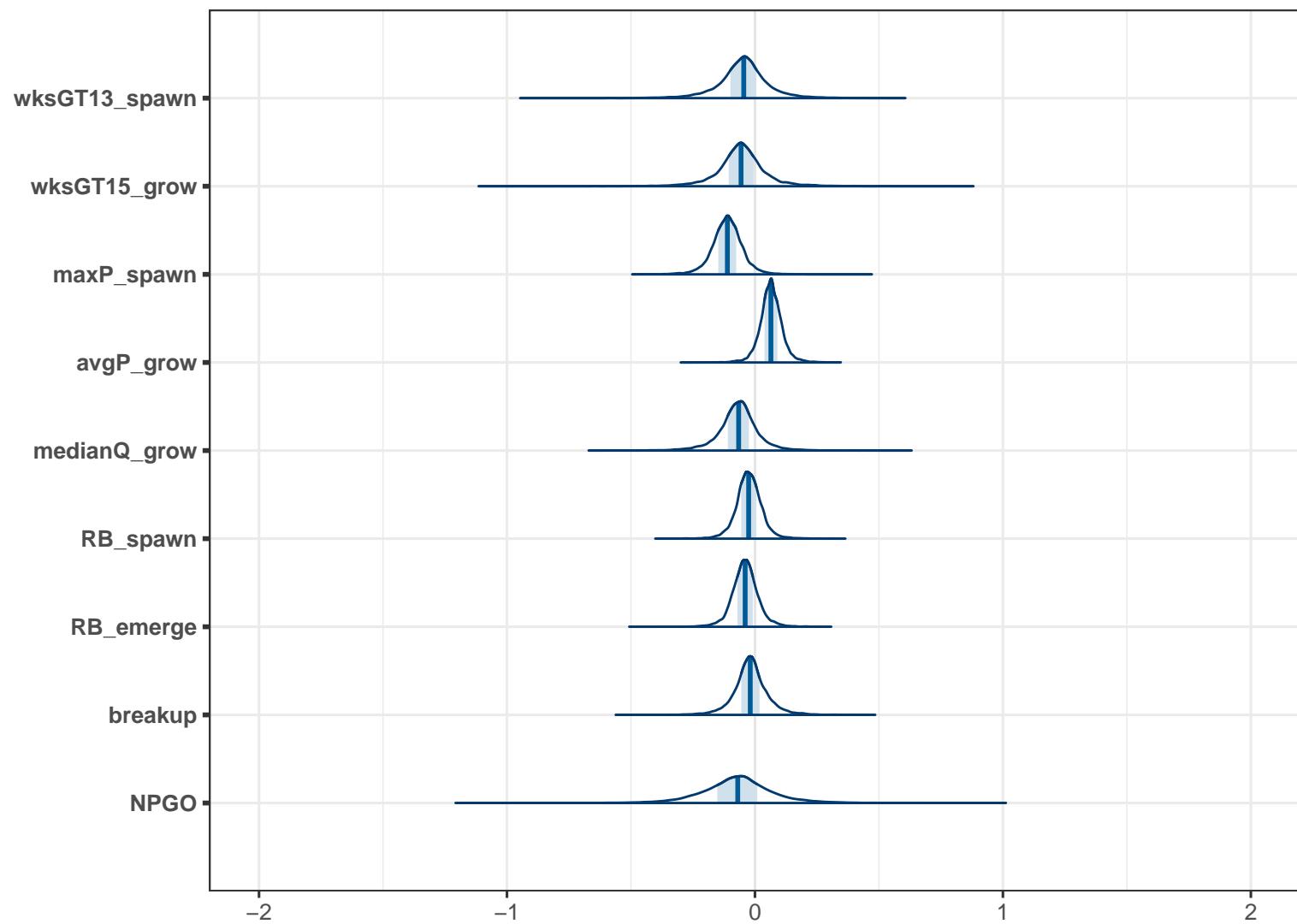


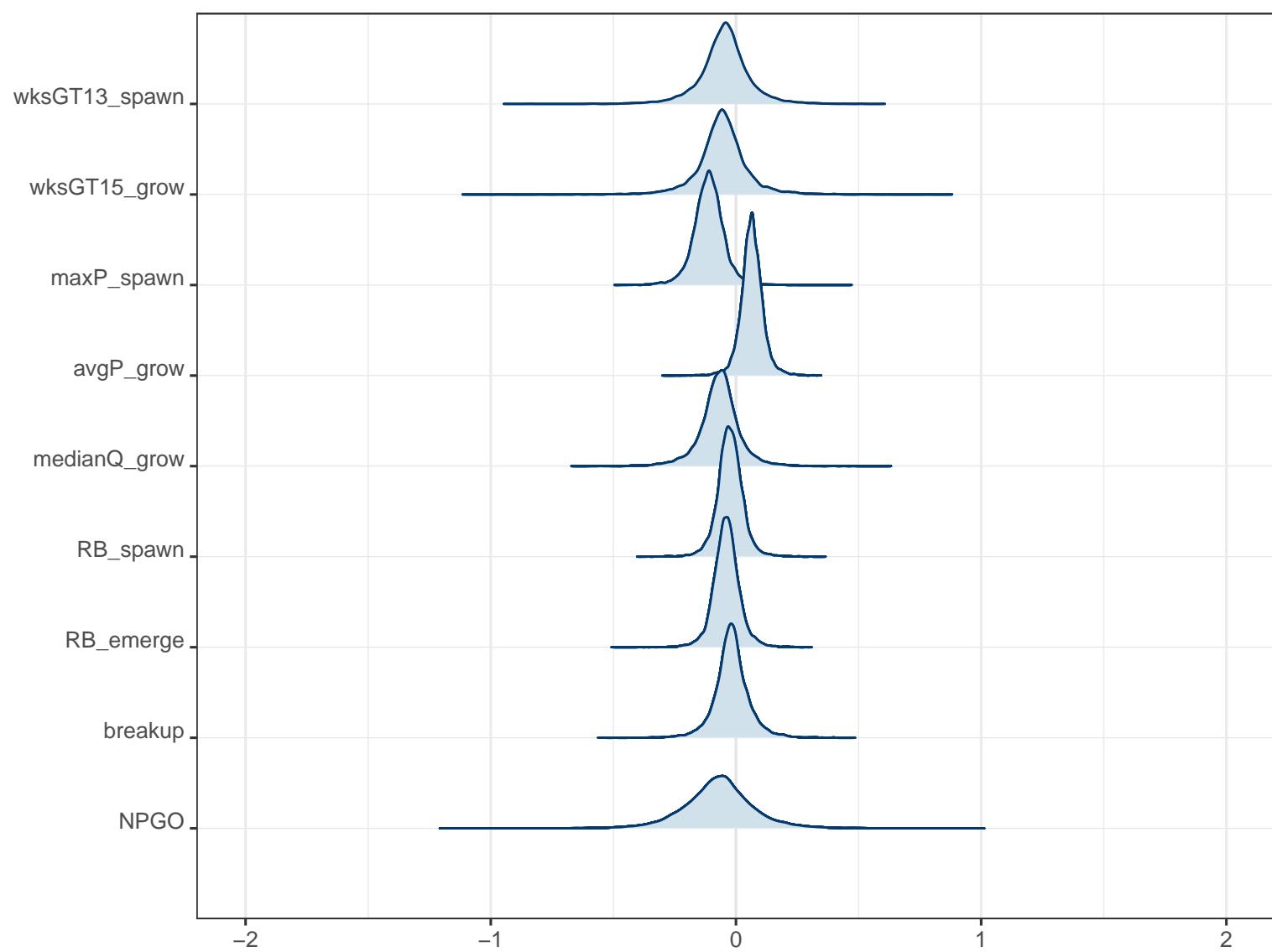
## Group Standard Deviations (sigma.coef)



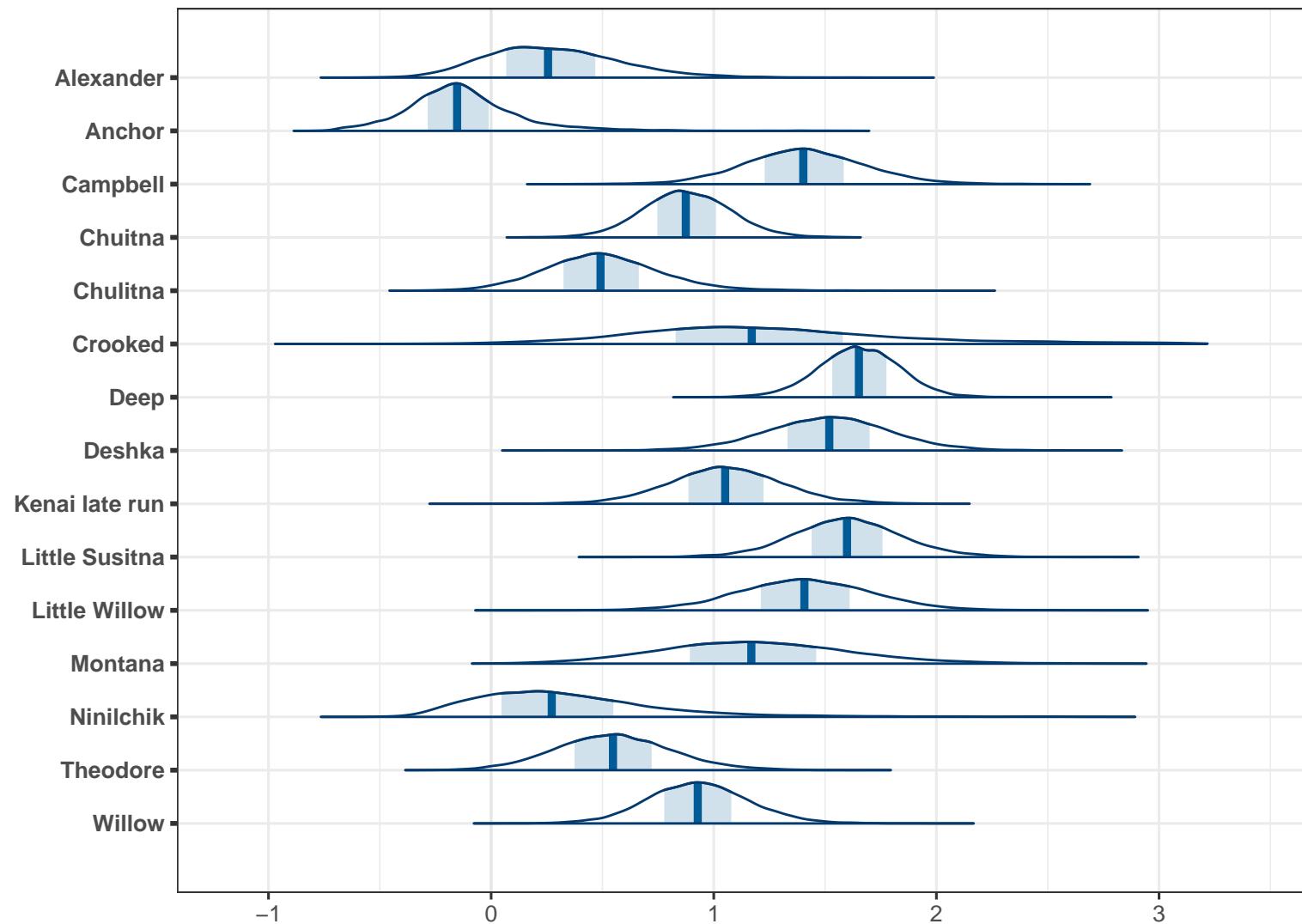


## Full Covariate Prior Distribution (dist.coef)

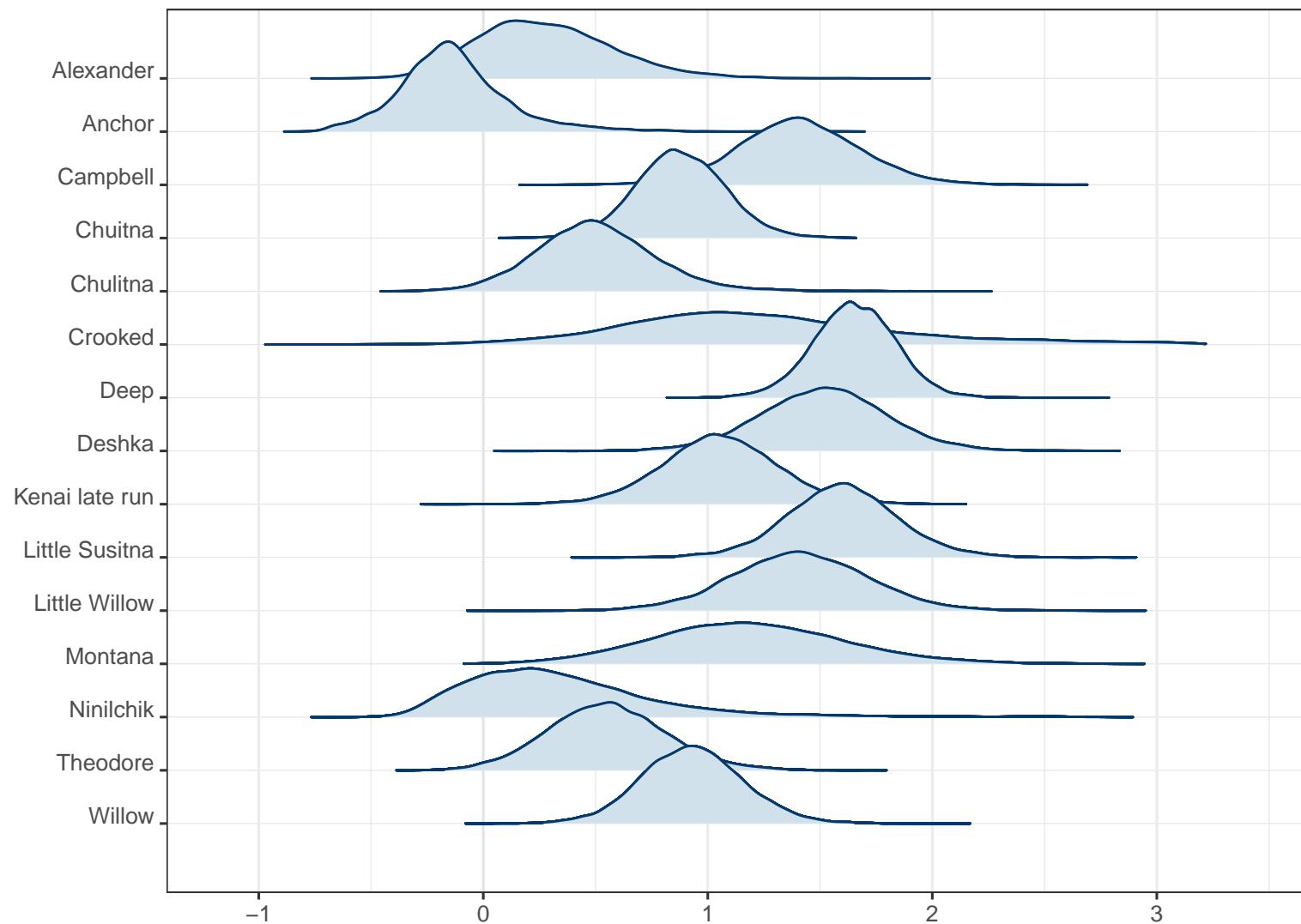




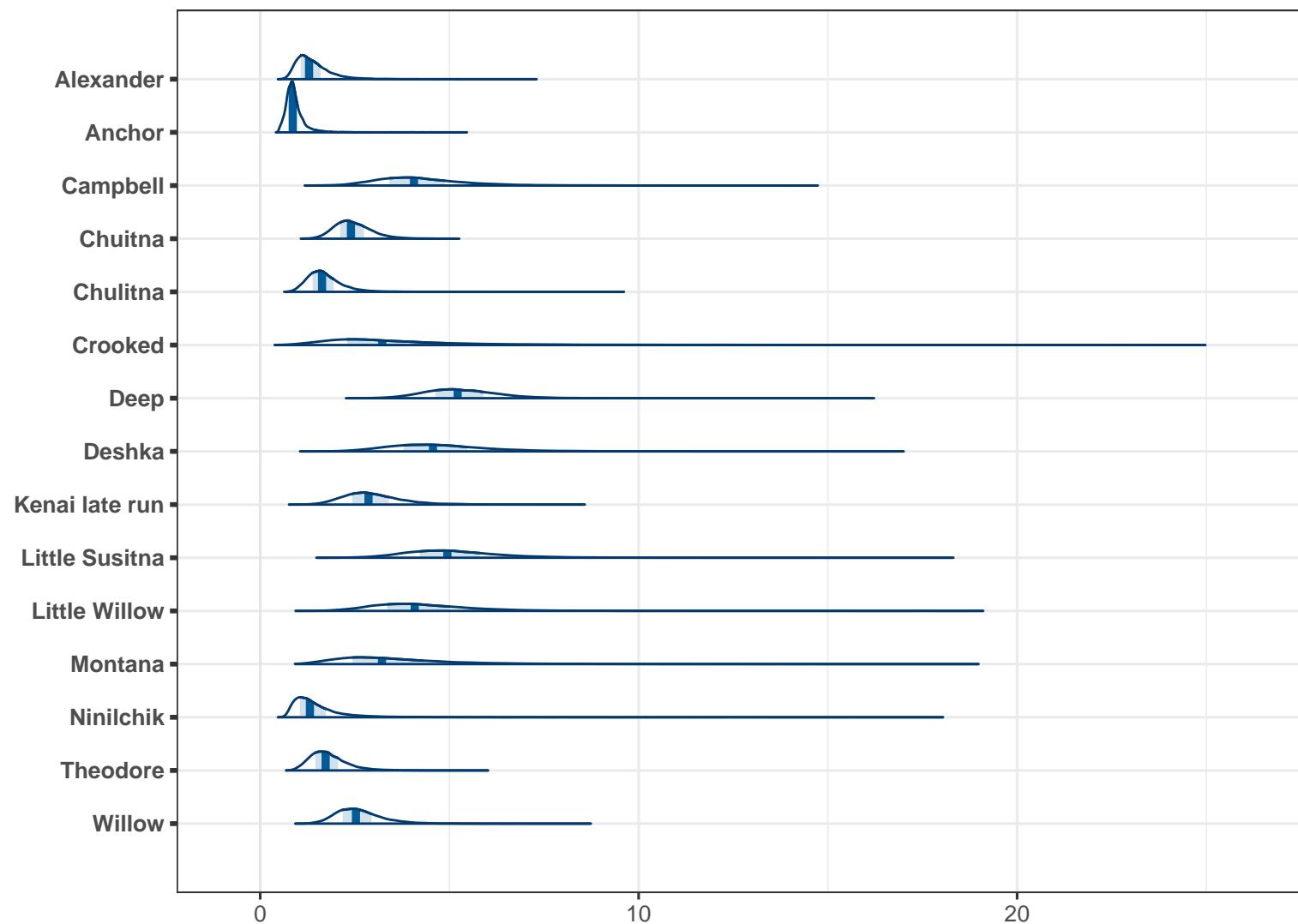
# Ricker Alpha



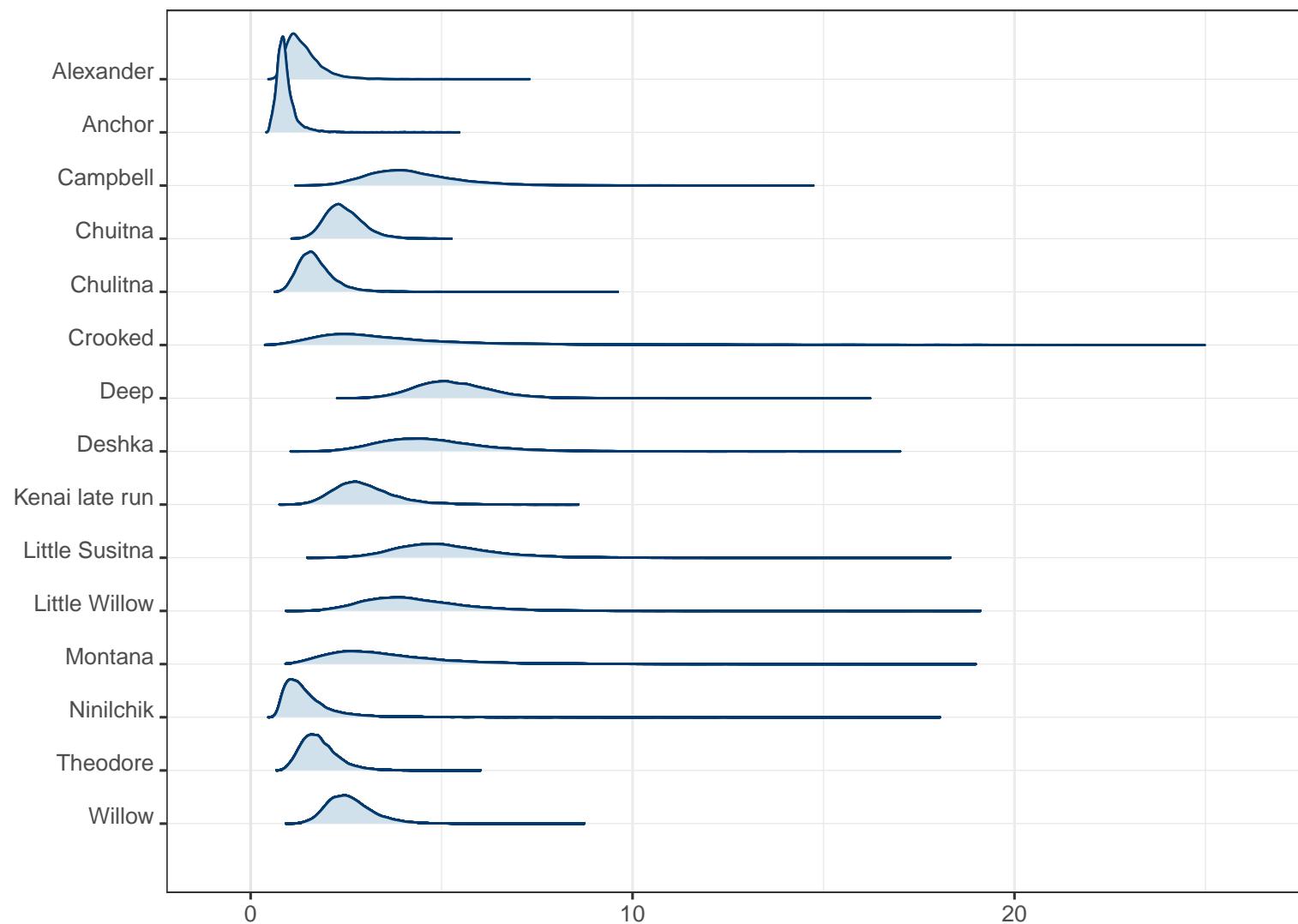
# Ricker Alpha



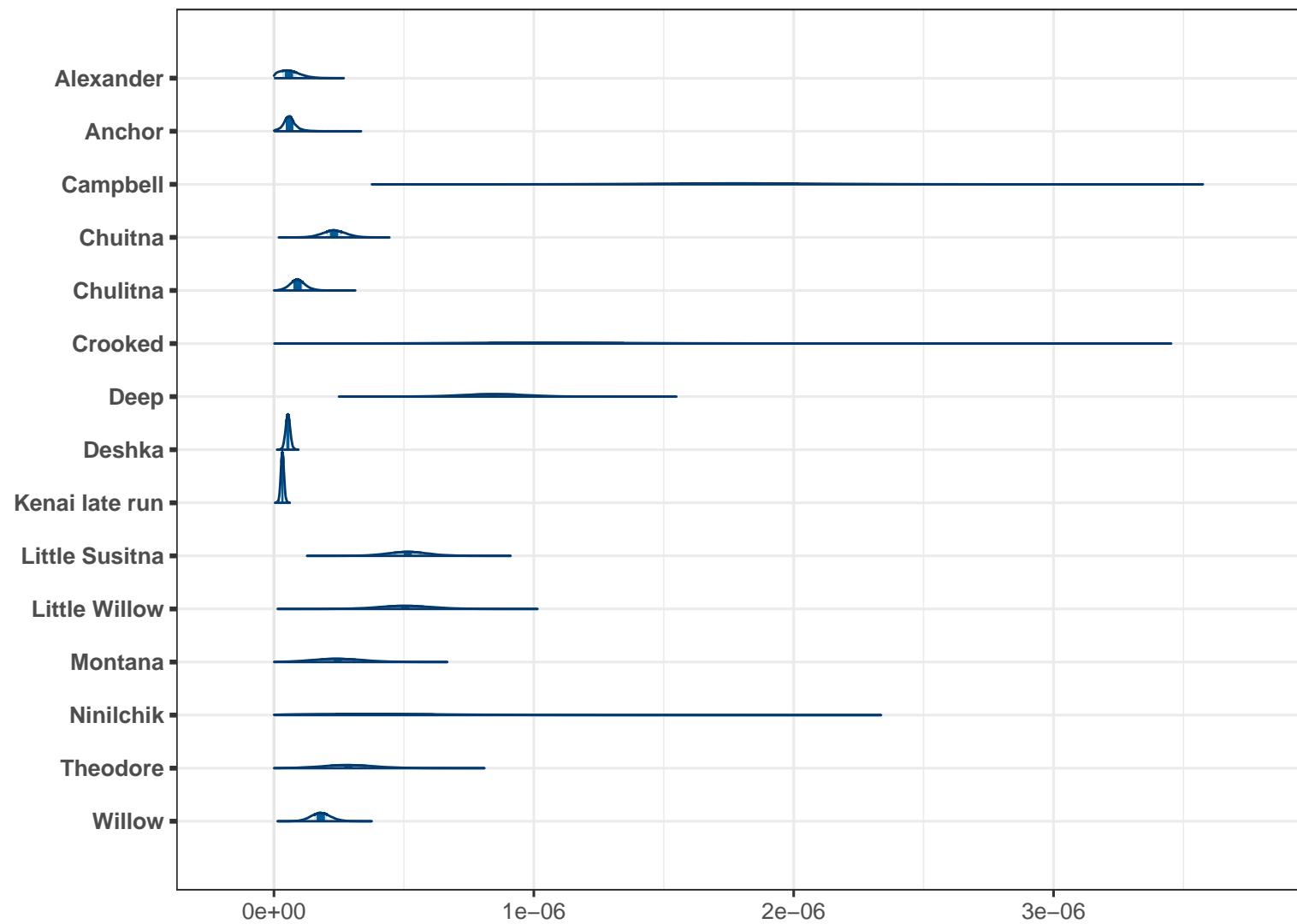
# Maximum Productivity RpS: $\exp(a)$



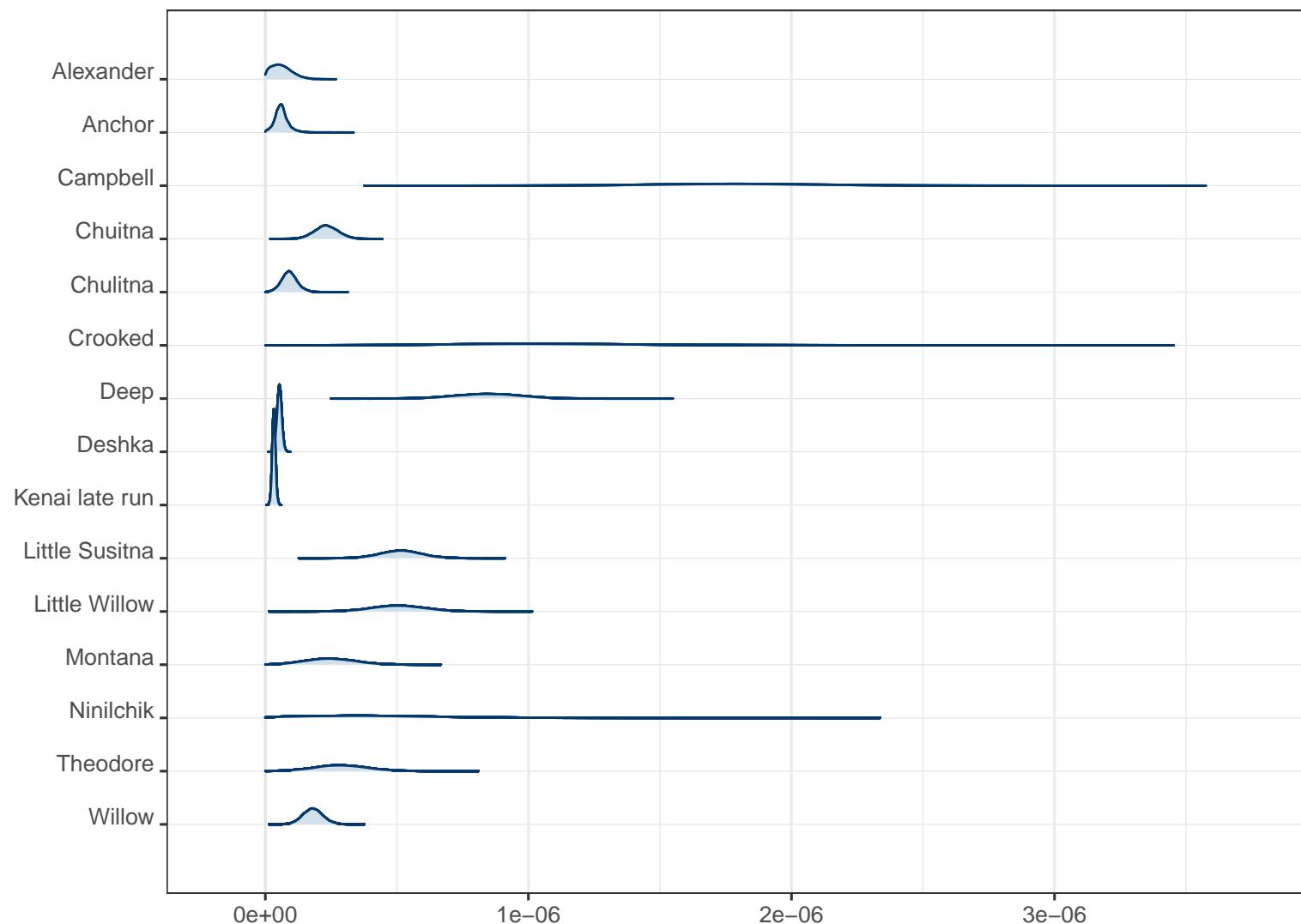
# Maximum Productivity RpS: exp(a)



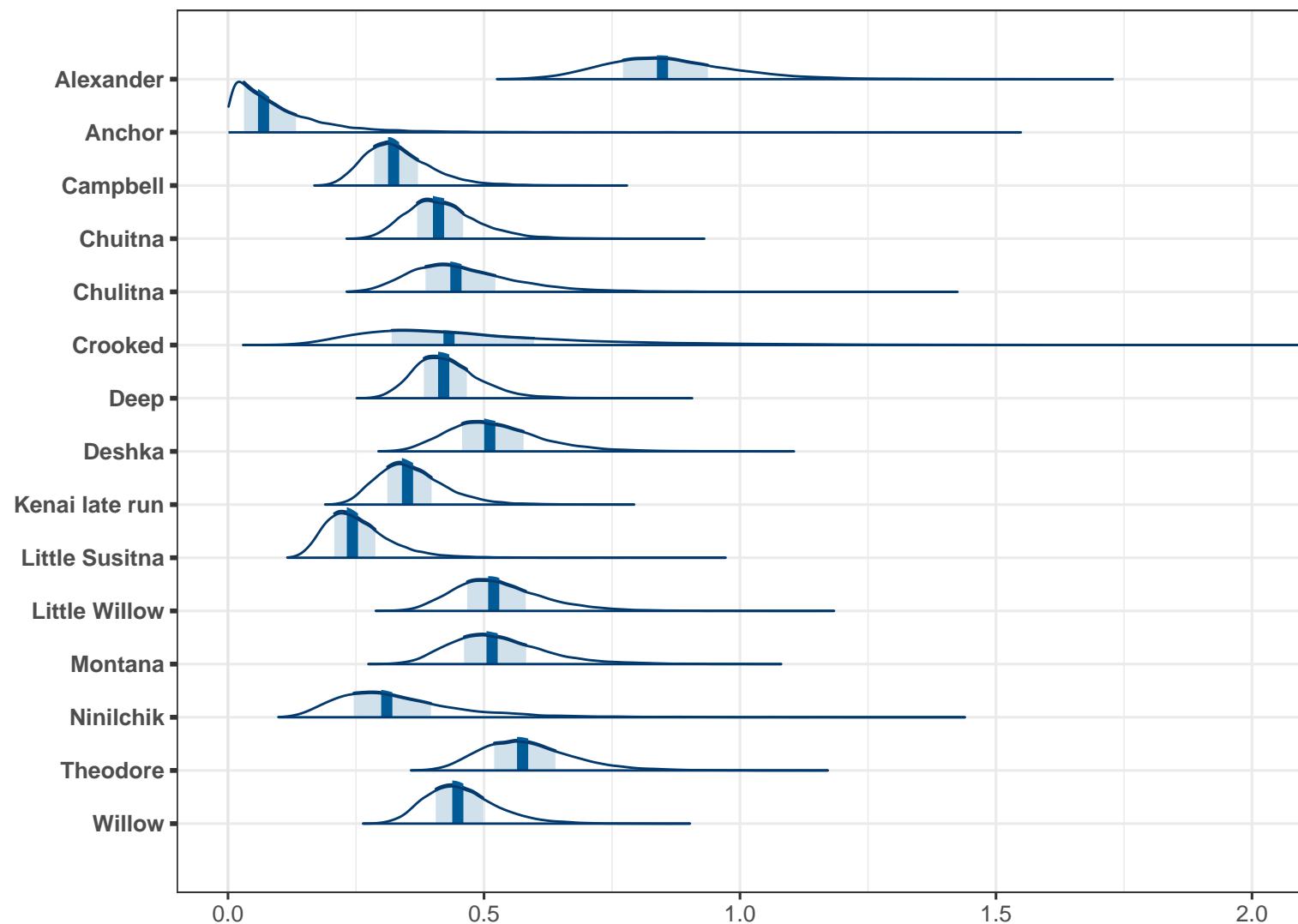
## Equilibrium Abundance (Beta) in Thousands



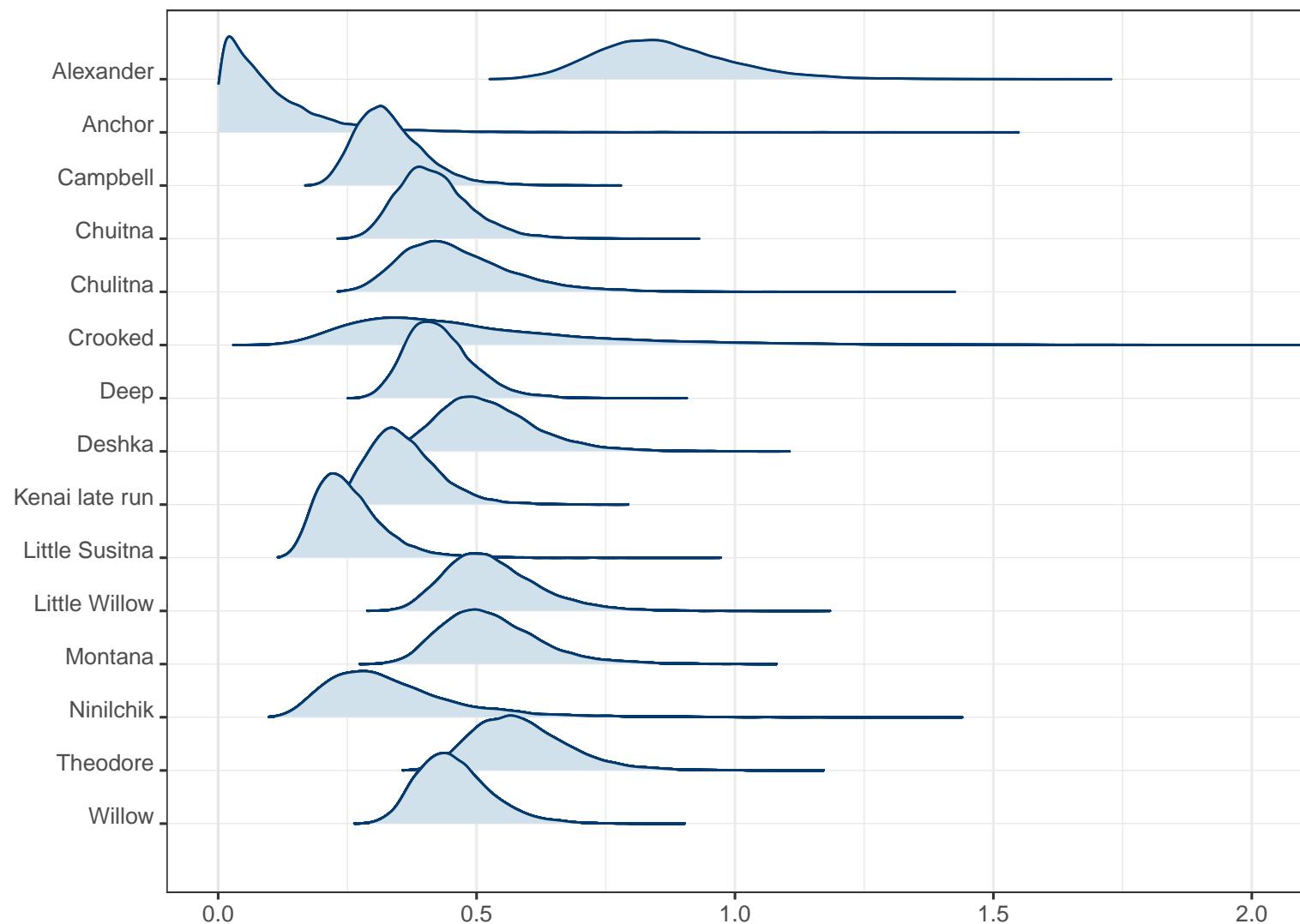
## Equilibrium Abundance (Beta) in Thousands

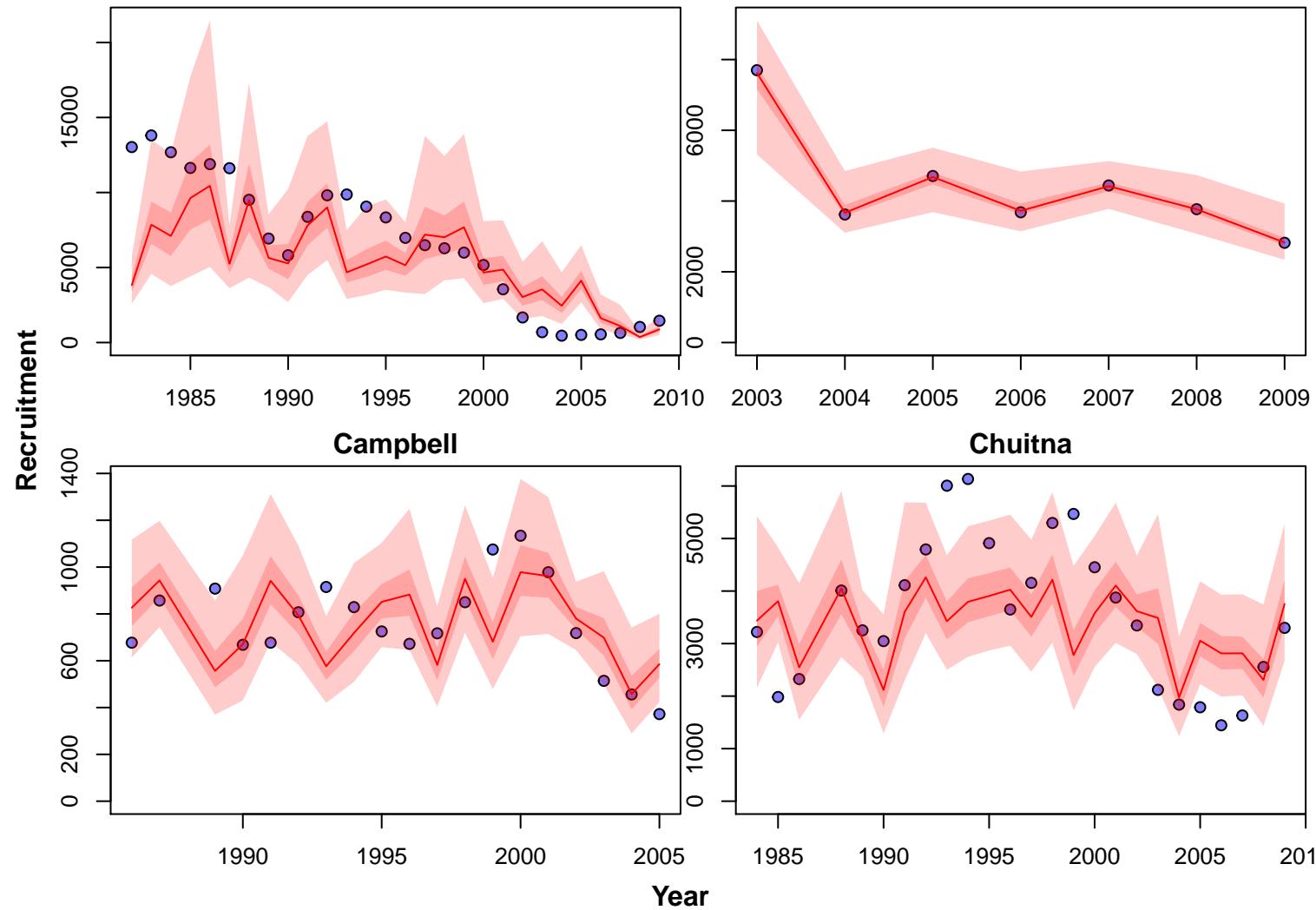


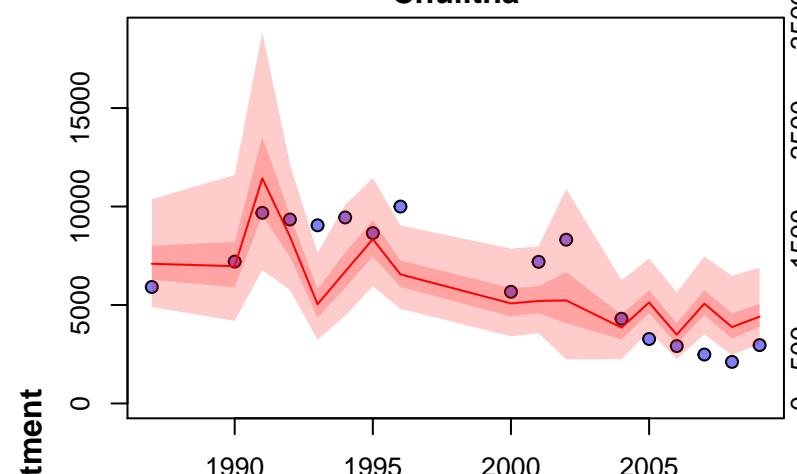
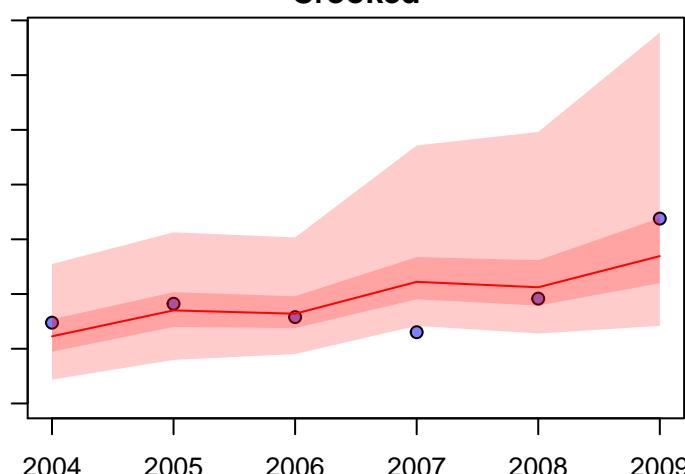
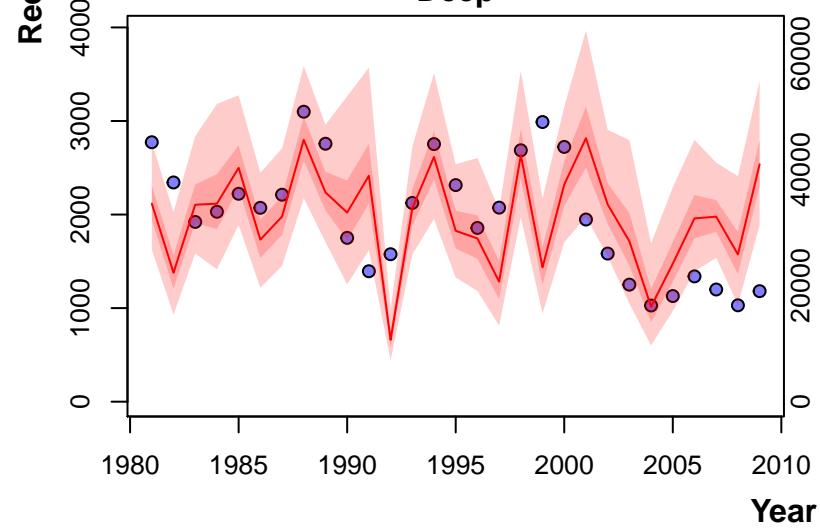
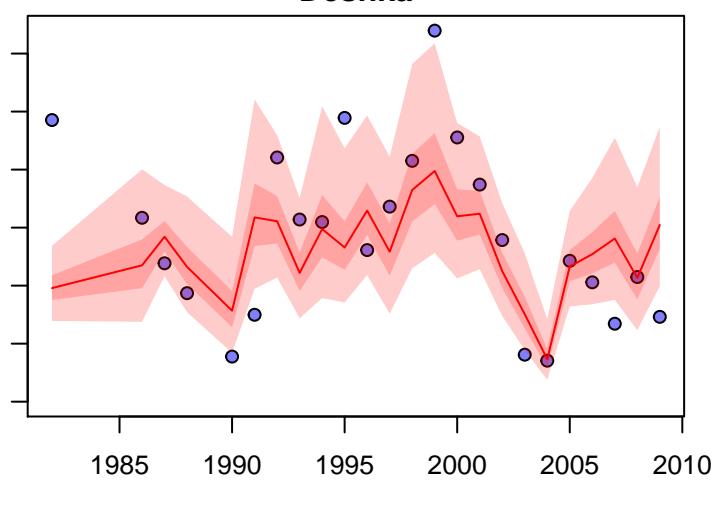
## Process Error (SD)



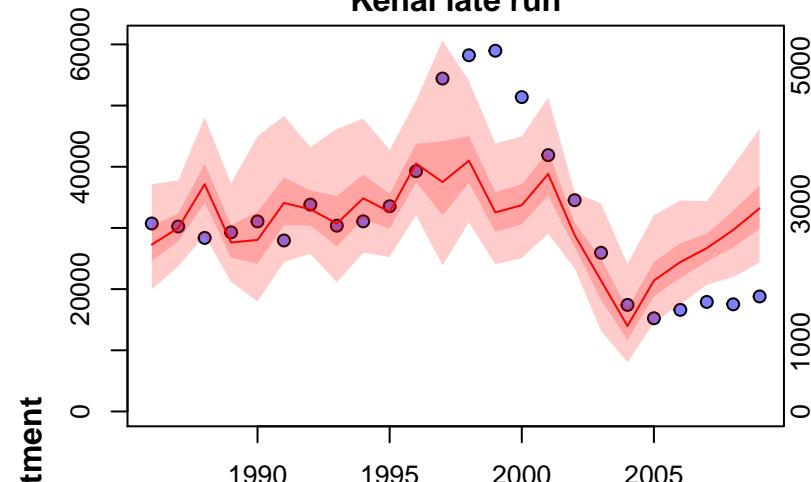
## Process Error (SD)



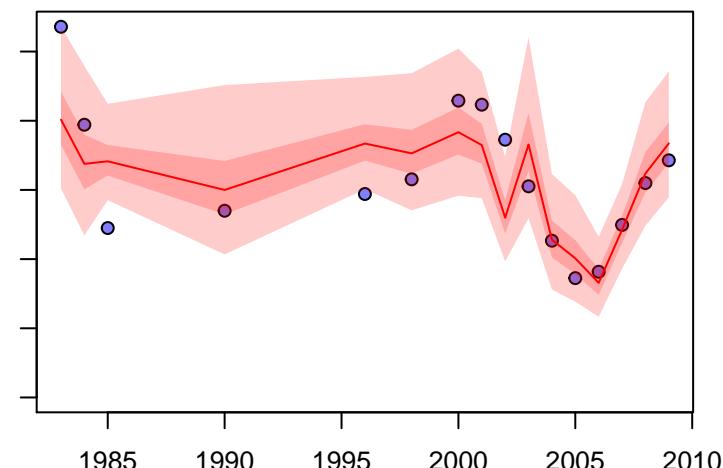
**Alexander****Anchor****Chuitna****Year**

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

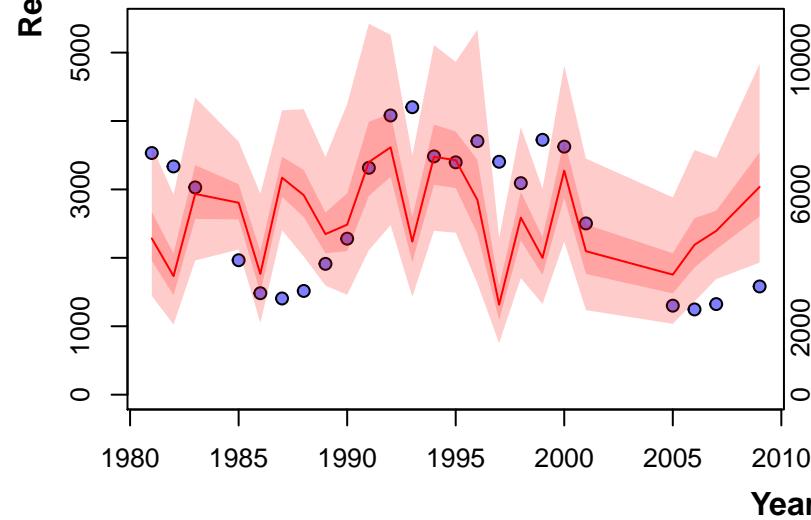
### Kenai late run



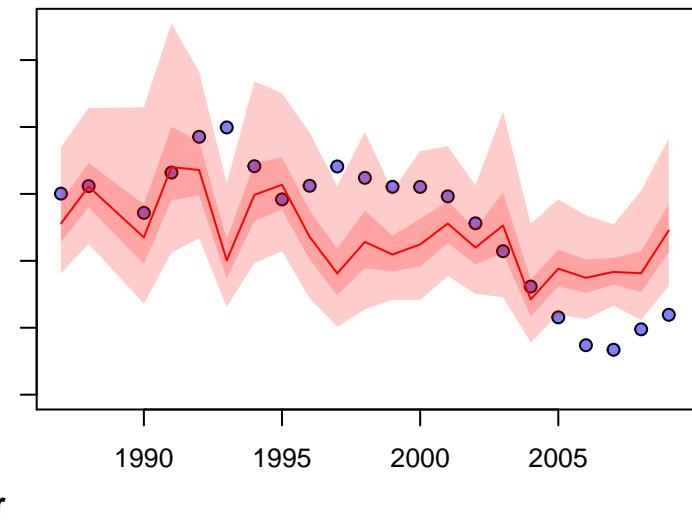
### Little Susitna



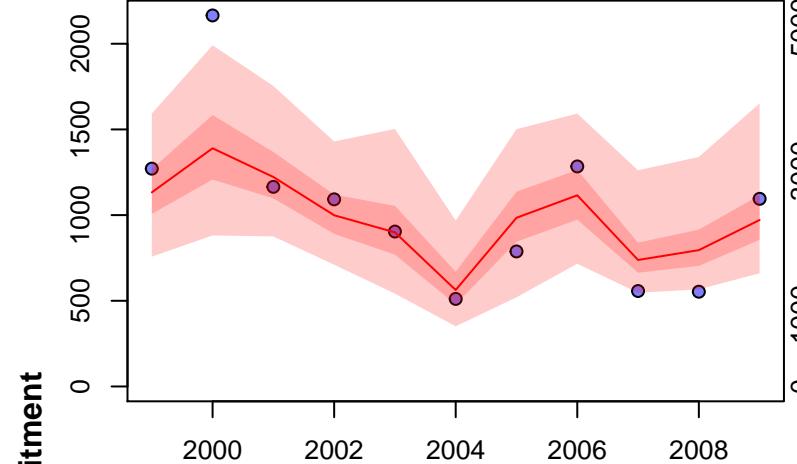
### Little Willow



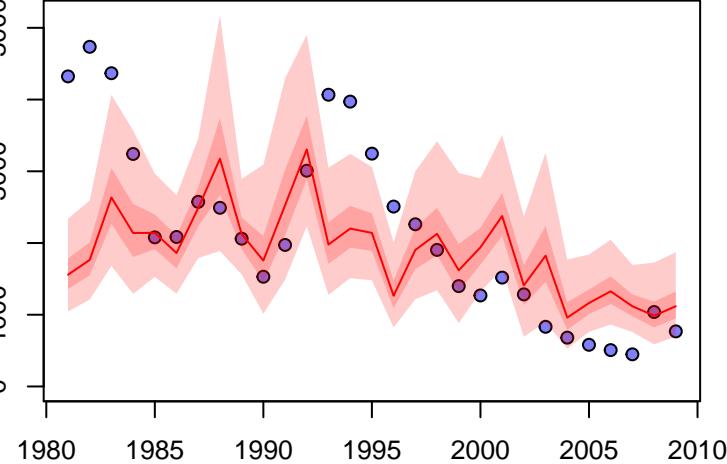
### Montana



### Ninilchik



### Theodore



### Willow

