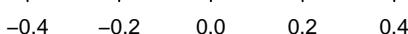


## Hyper Means

mean = -0.0771

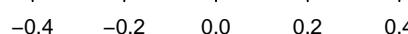
95% HDI  
-0.166 0.01



wksGT13

mean = -0.0315

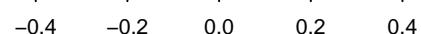
95% HDI  
-0.110 0.0492



RB\_spawn

mean = -0.0569

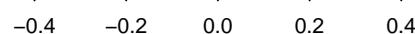
95% HDI  
-0.138 0.0255



medianQ

mean = -0.0788

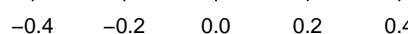
95% HDI  
-0.160 0.00488



wksGT15

mean = -0.0488

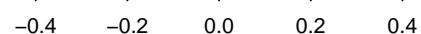
95% HDI  
-0.128 0.0301



RB\_emerge

mean = -0.0555

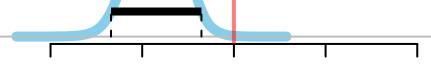
95% HDI  
-0.143 0.0288



breakup

mean = -0.169

95% HDI  
-0.268 -0.0708



maxP\_spawn

mean = 0.0849

95% HDI  
0.00380 0.166



avgP\_grow

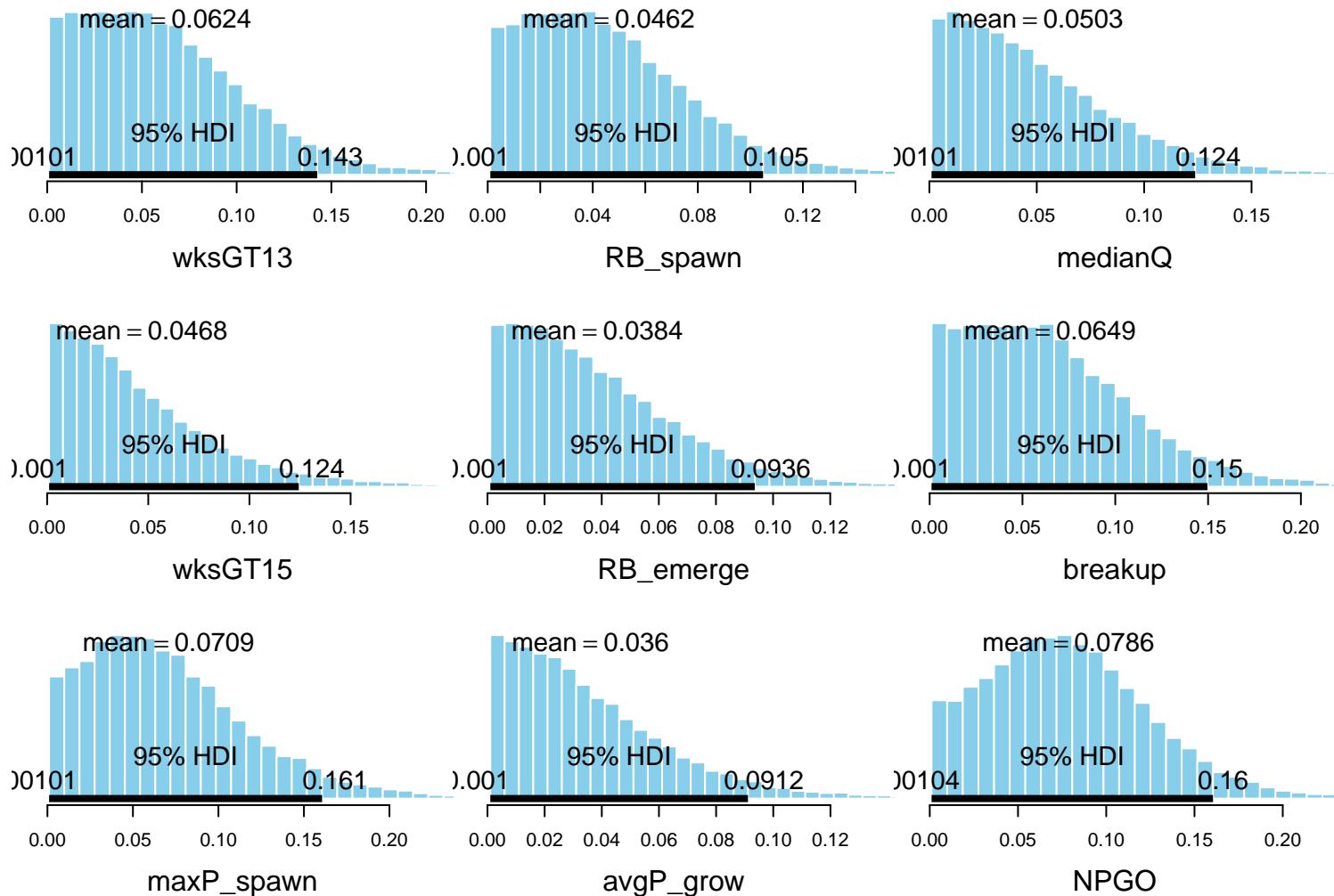
mean = -0.0809

95% HDI  
-0.160 0.00334

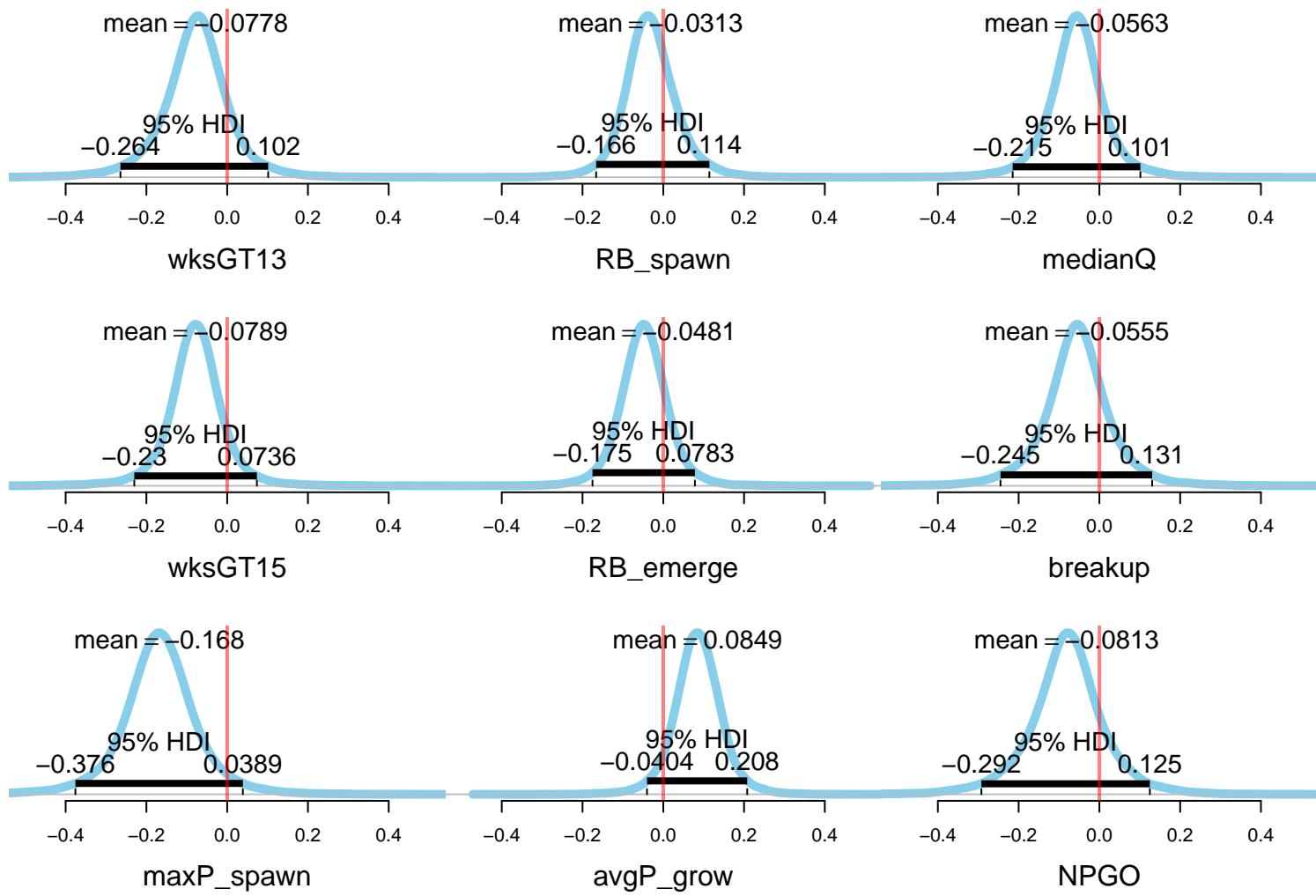


NPGO

## Hyper StDevs

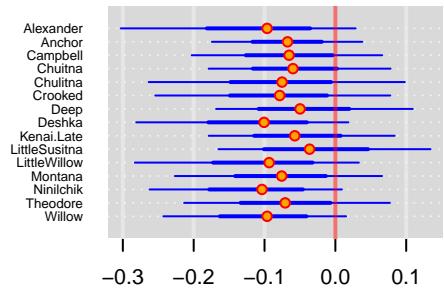


## Full Covariate Prior Distribution (dist.coef)

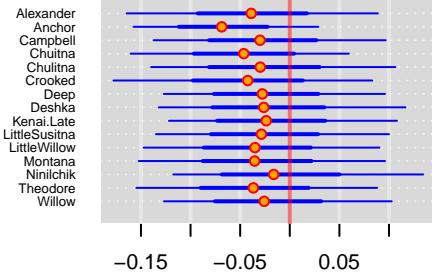


Population

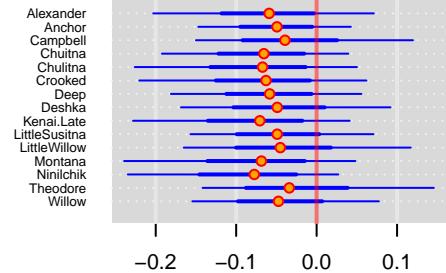
wksGT13



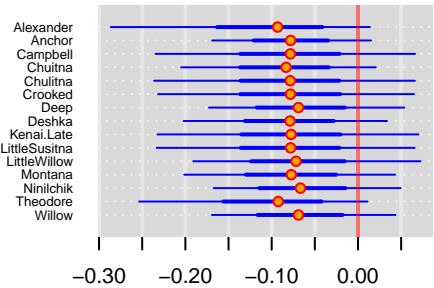
RB\_spawn



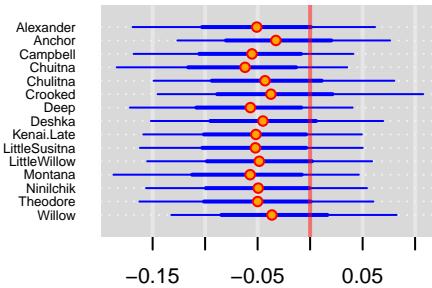
medianQ



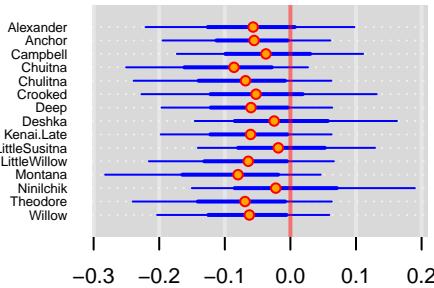
wksGT15



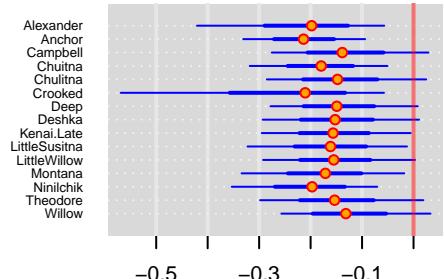
RB\_emerge



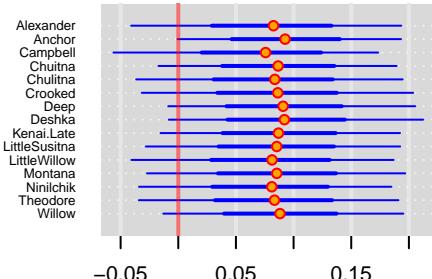
breakup



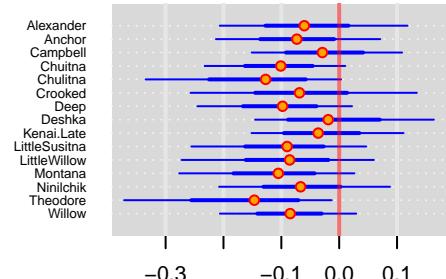
maxP\_spawn



avgP\_grow

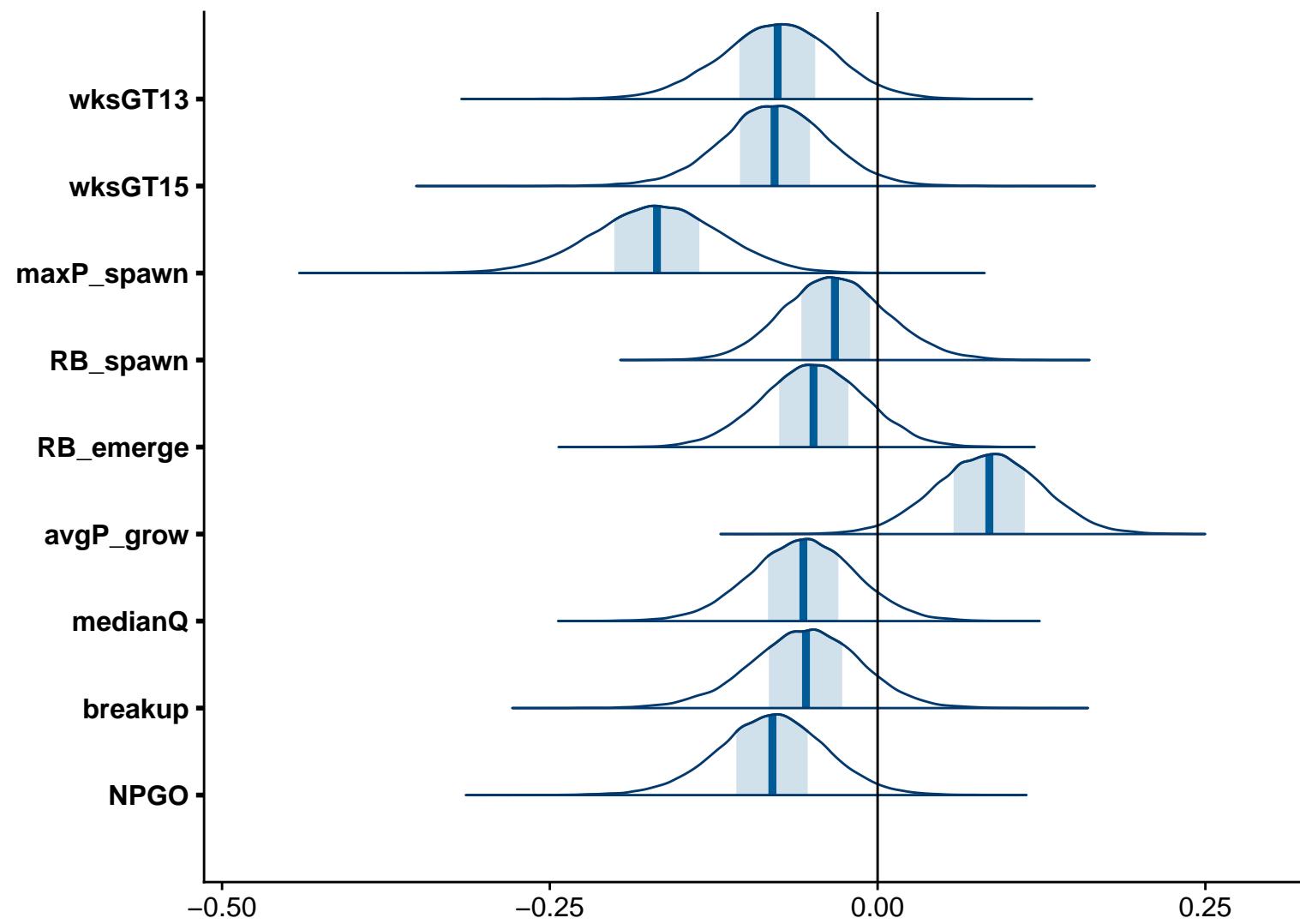


NPGO

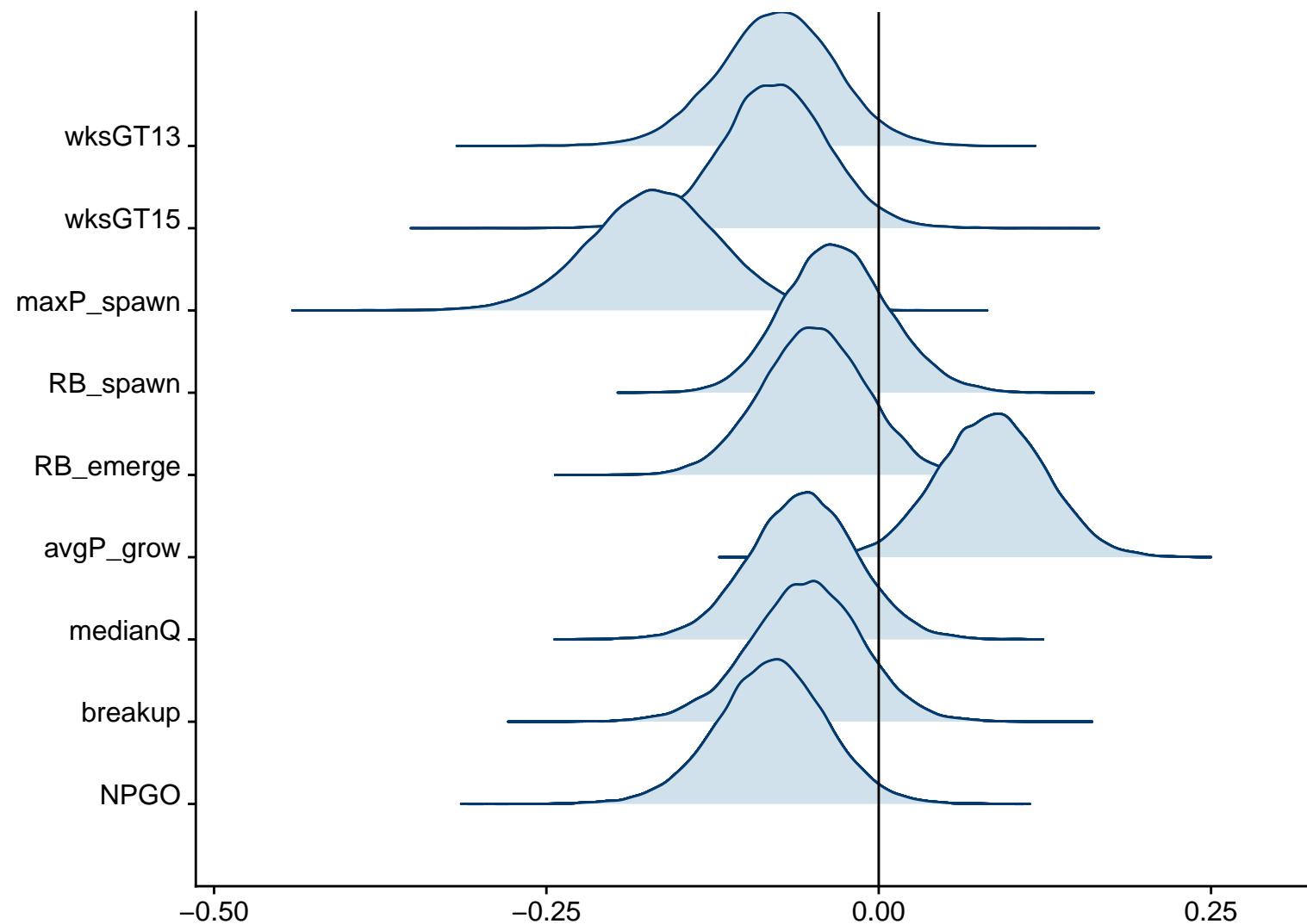


Coefficient (Effect)

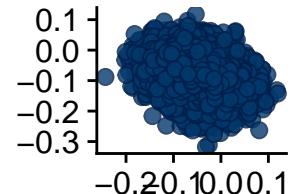
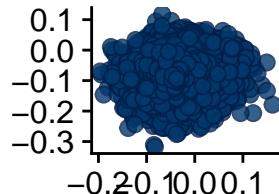
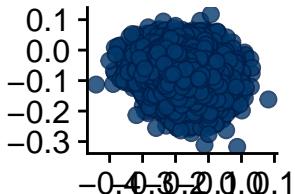
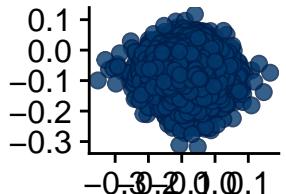
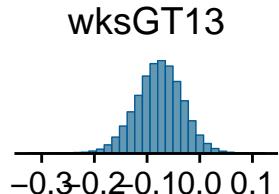
## Group Means (mu.coef)



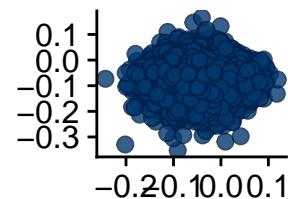
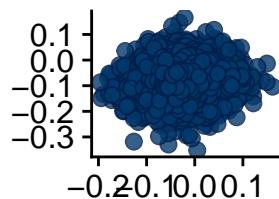
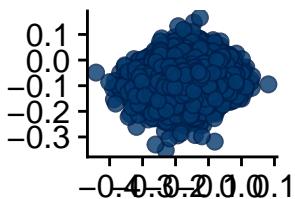
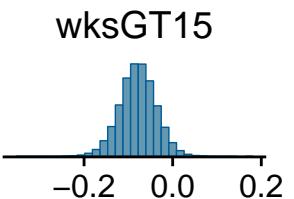
## Group Means (mu.coef)



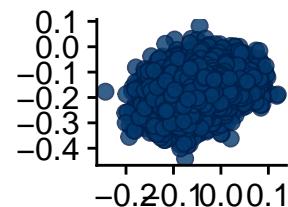
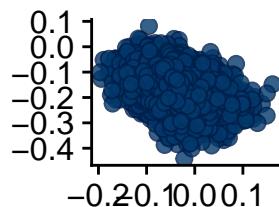
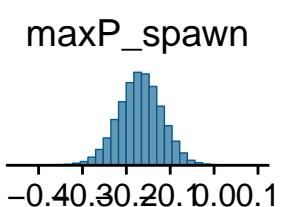
wksGT13



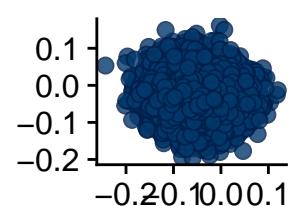
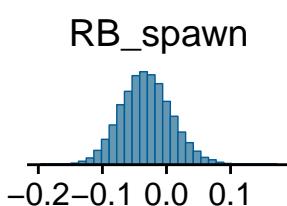
wksGT15



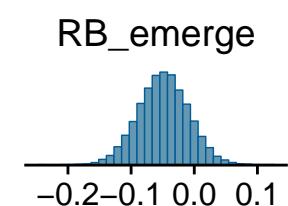
maxP\_spawn

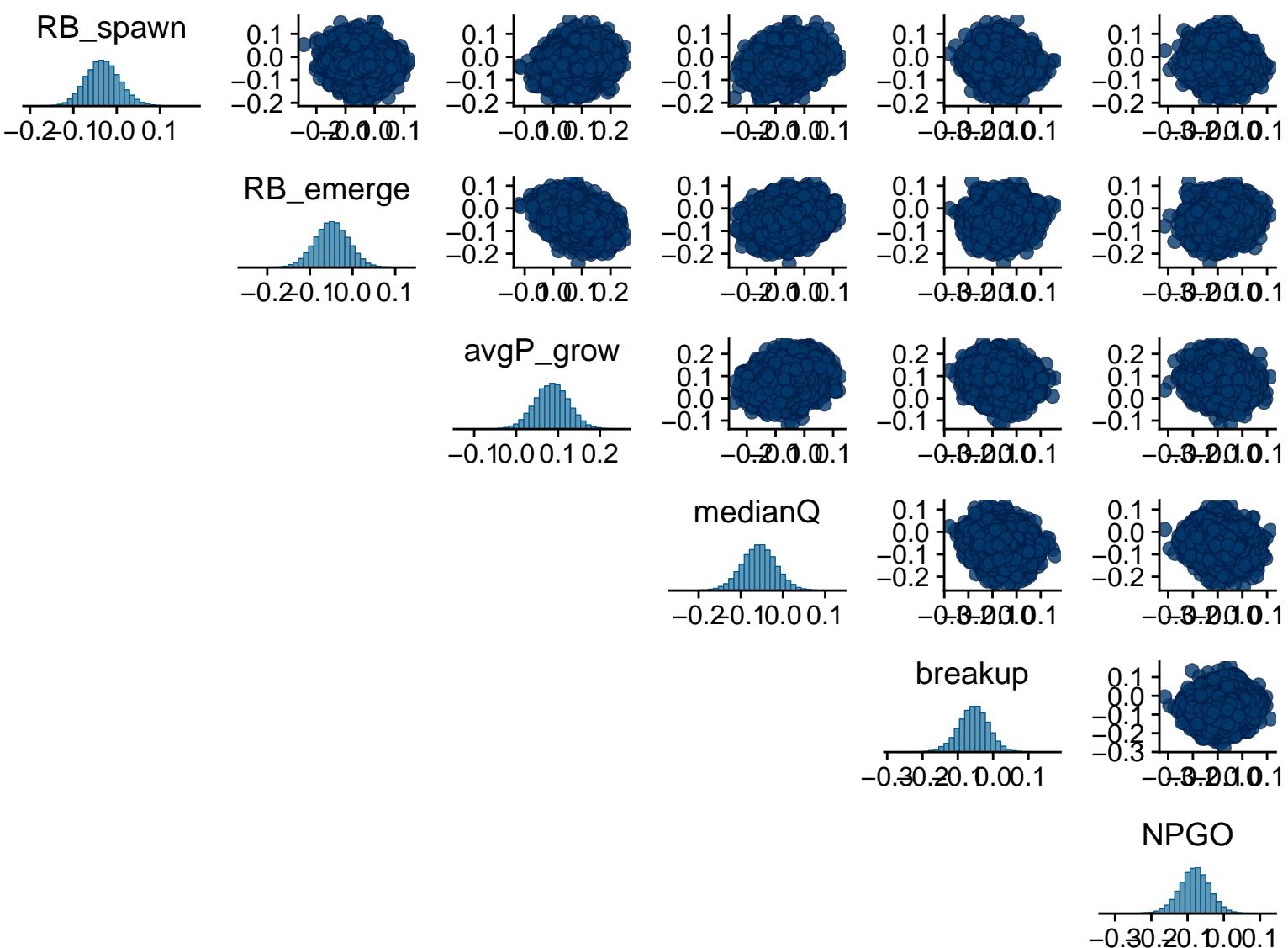


RB\_spawn

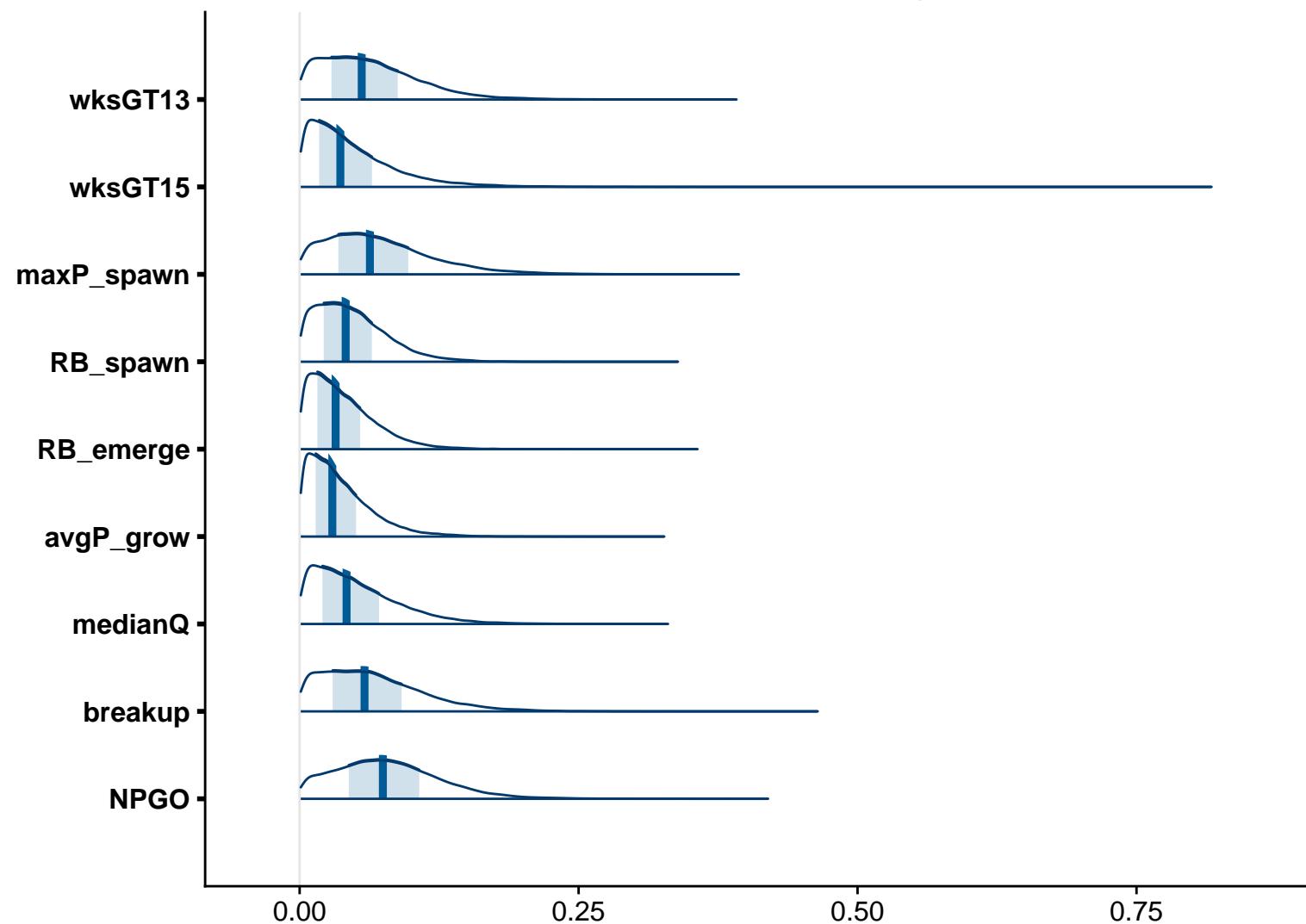


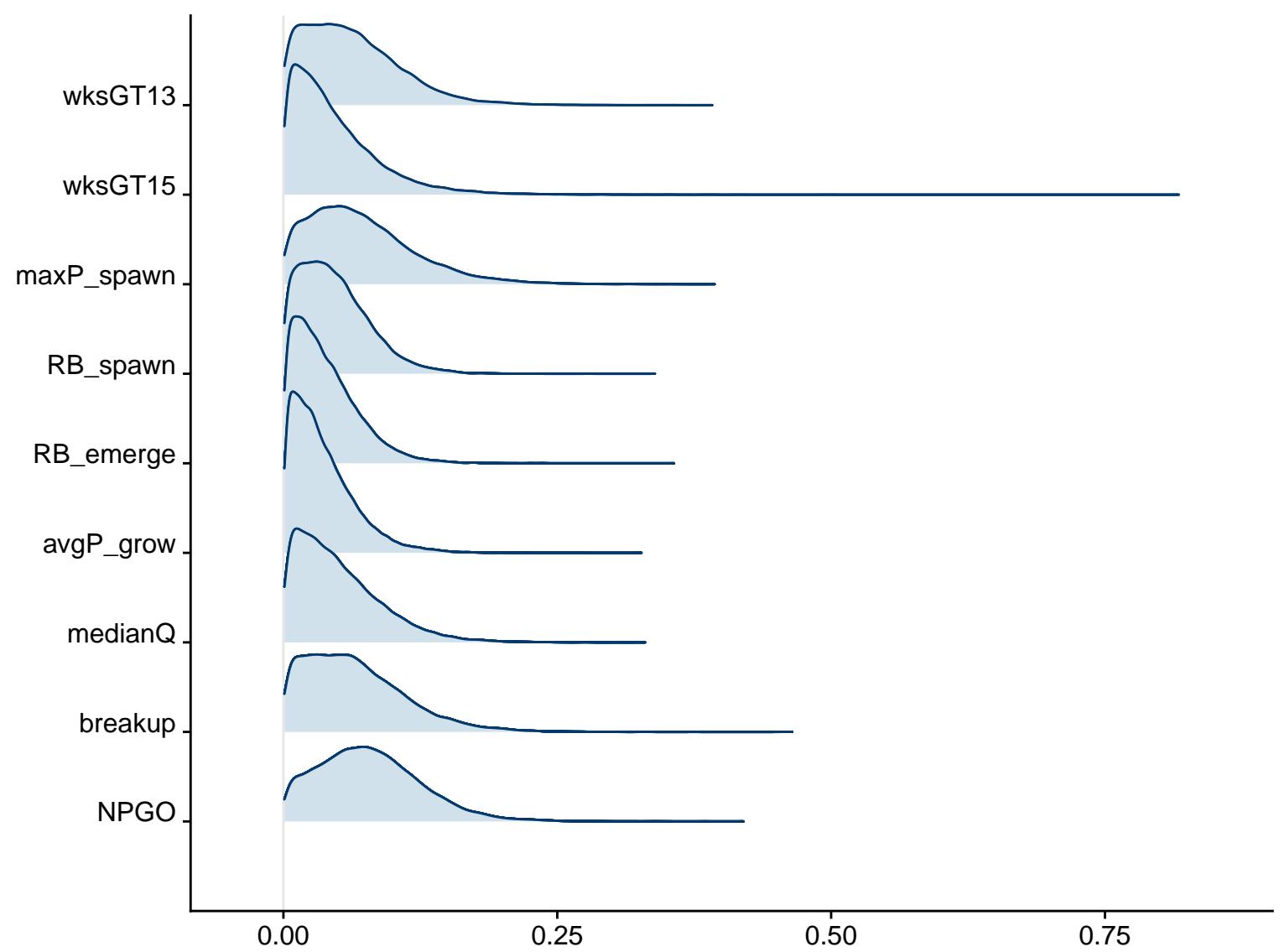
RB\_emerge



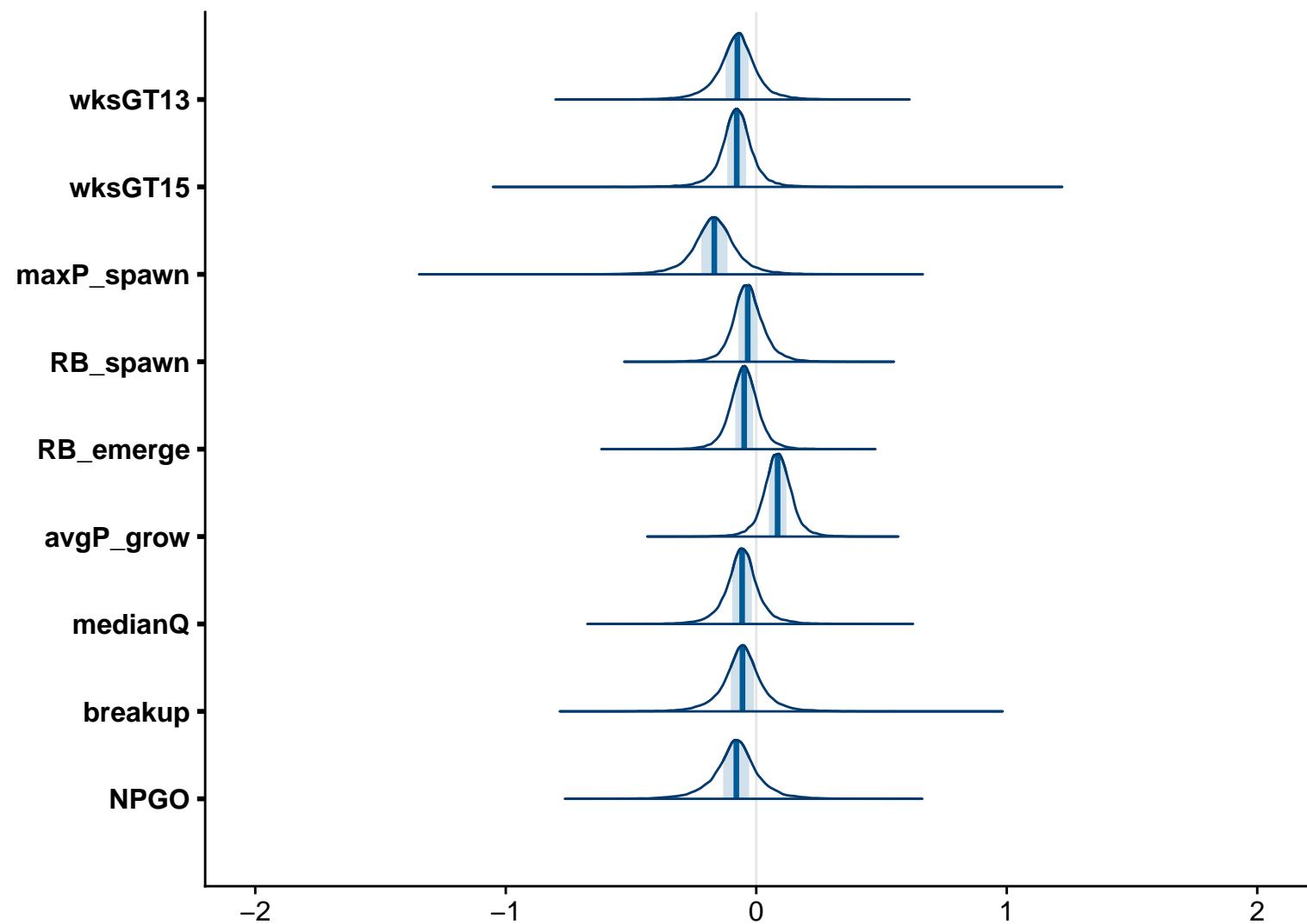


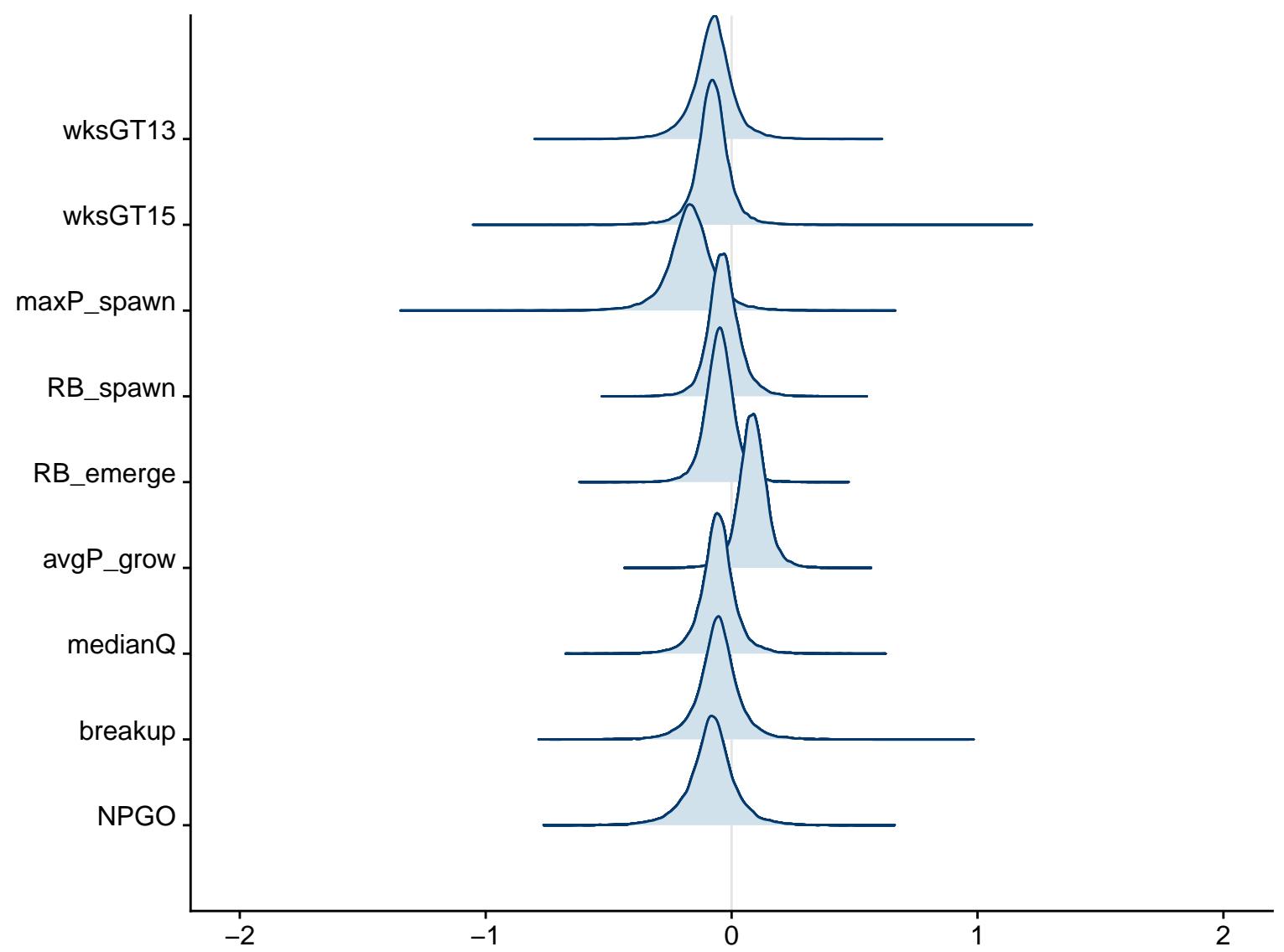
## Group Standard Deviations (sigma.coef)



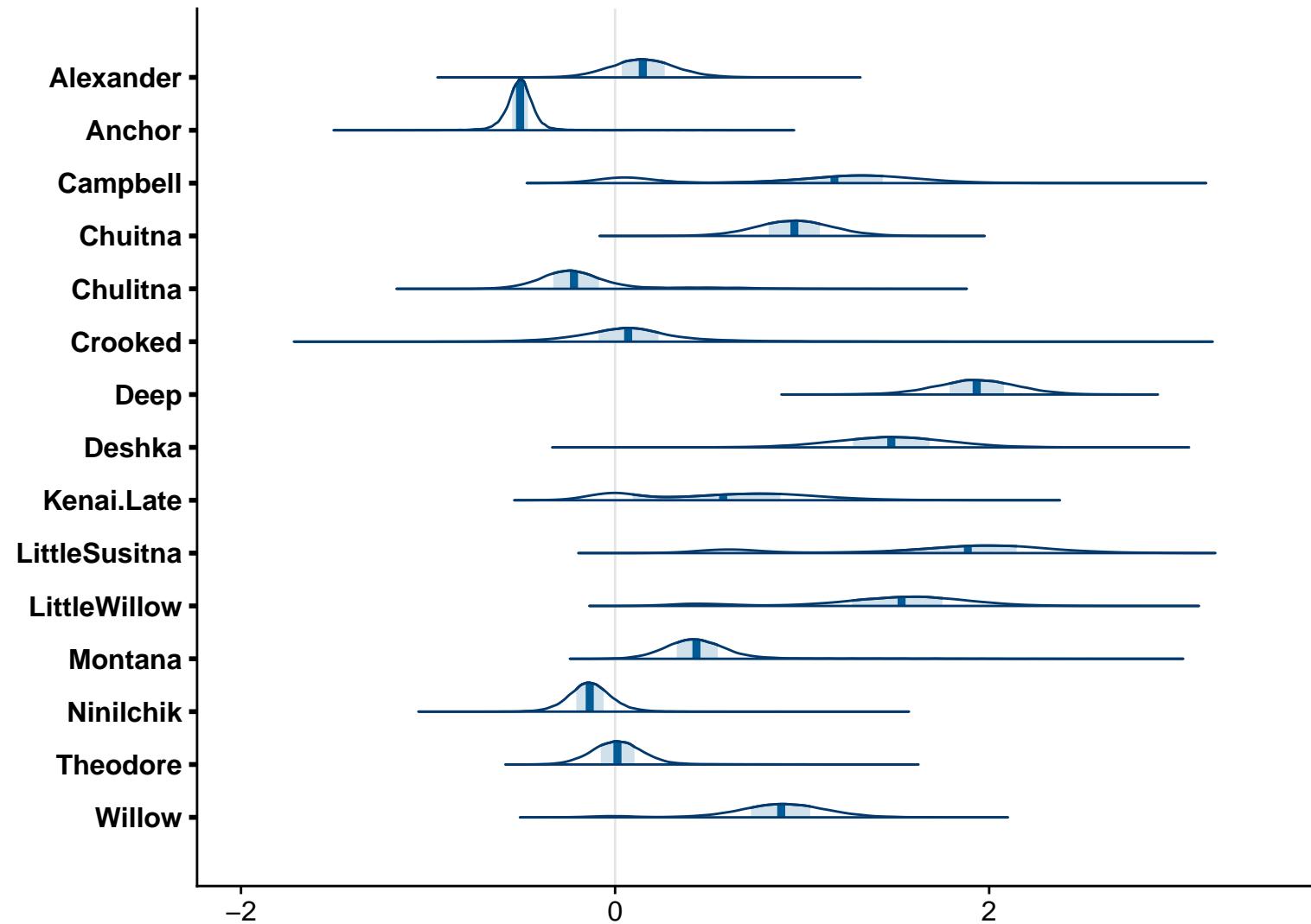


## Full Covariate Prior Distribution (dist.coef)

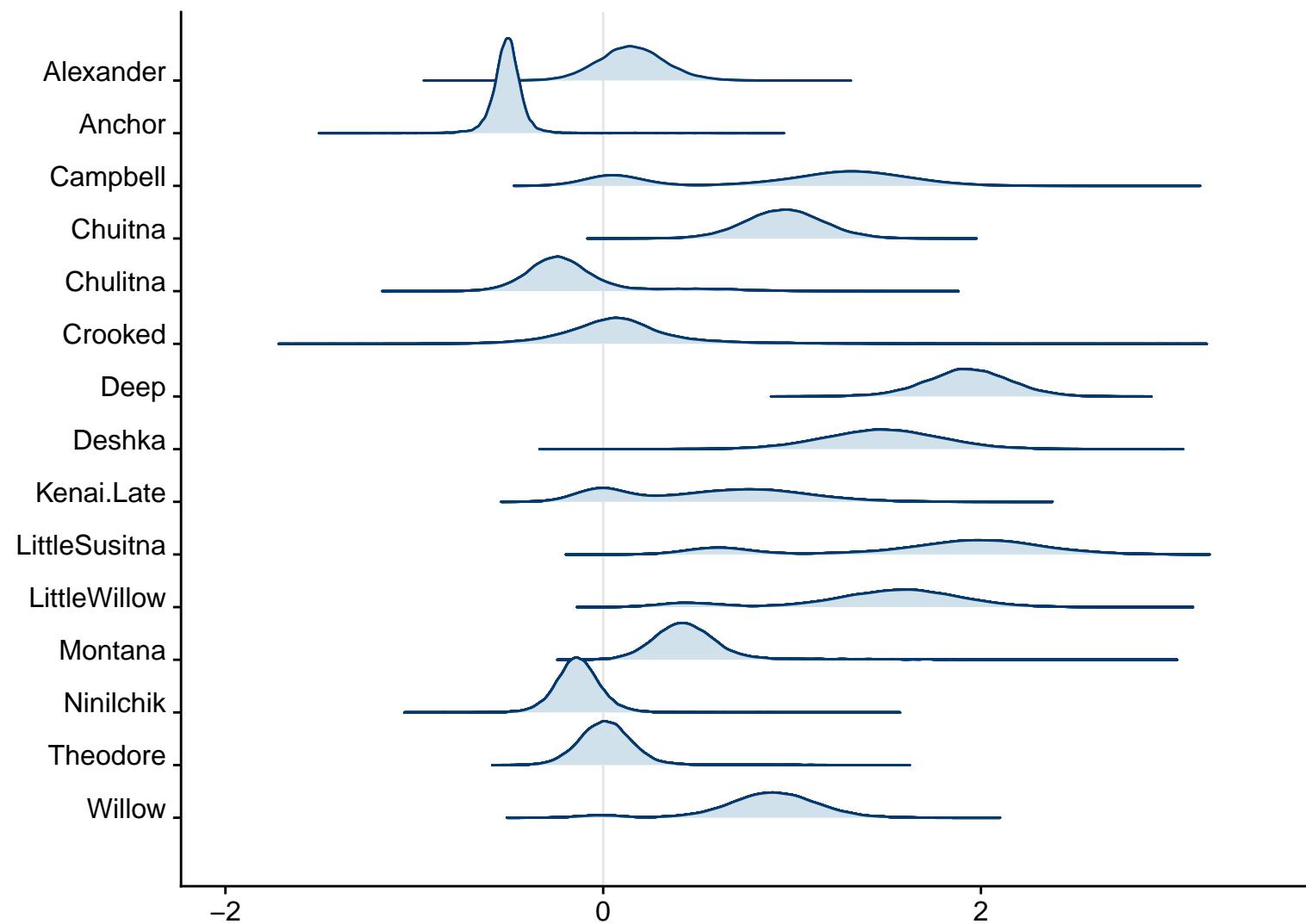




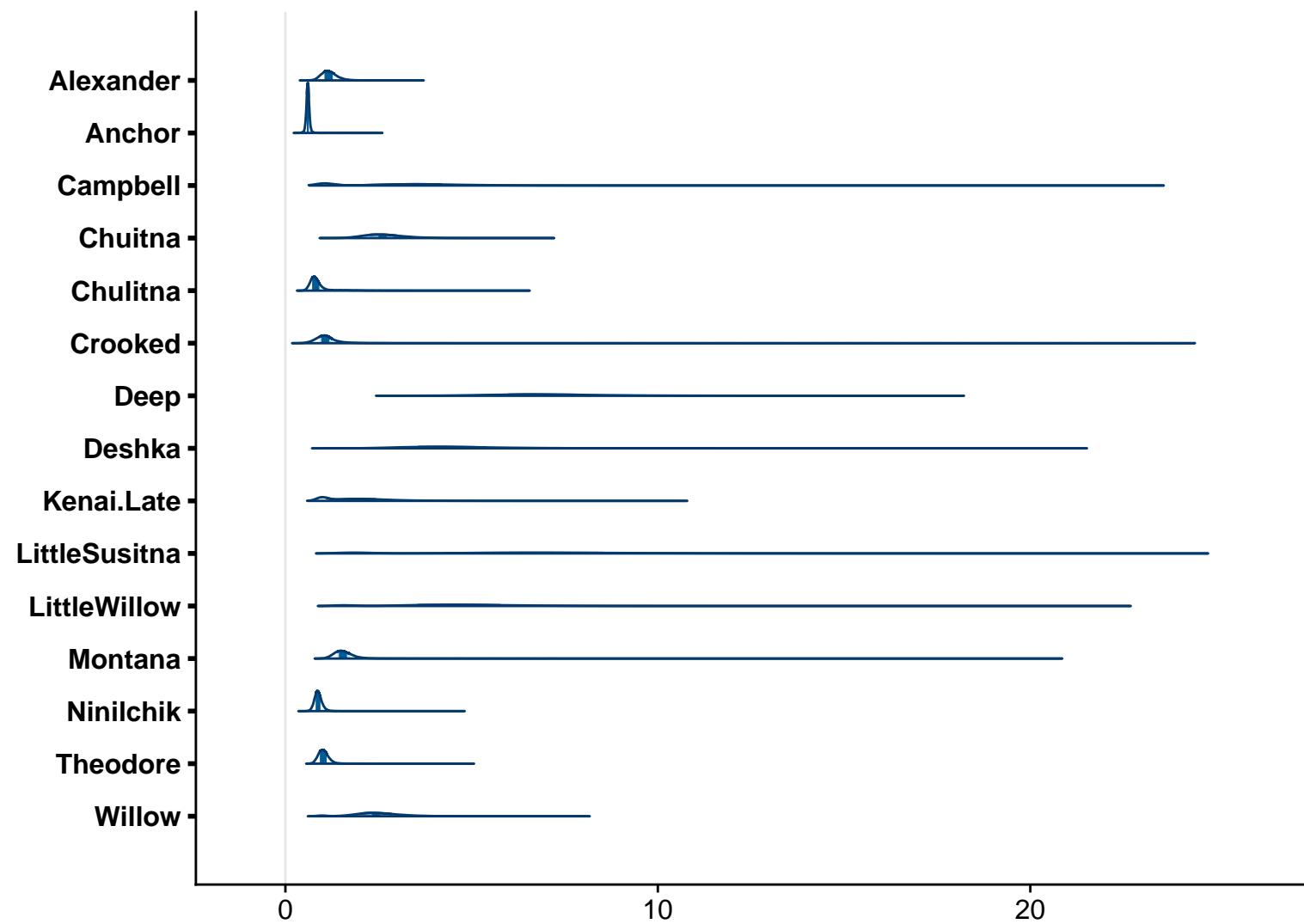
## Ricker Alpha



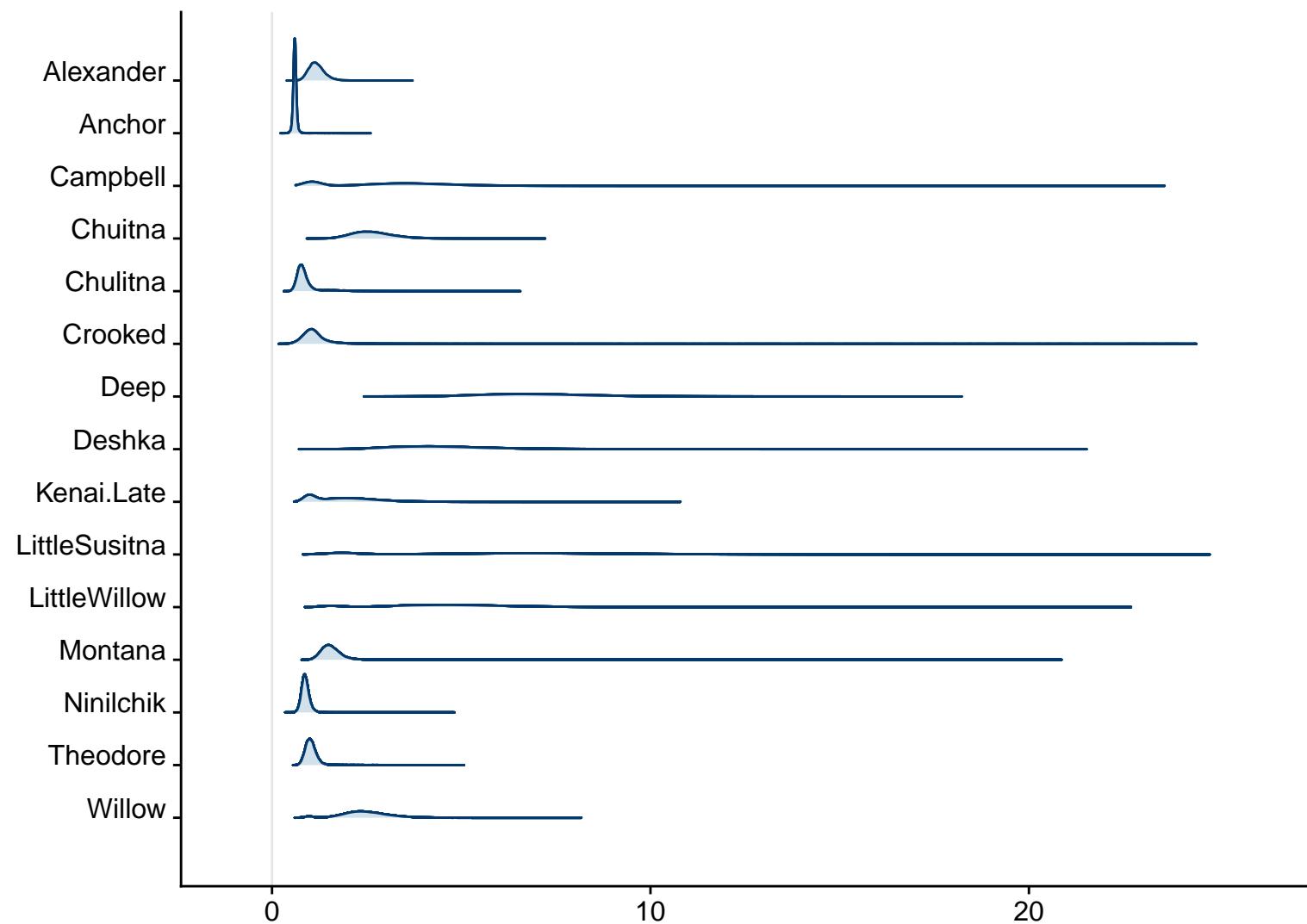
## Ricker Alpha



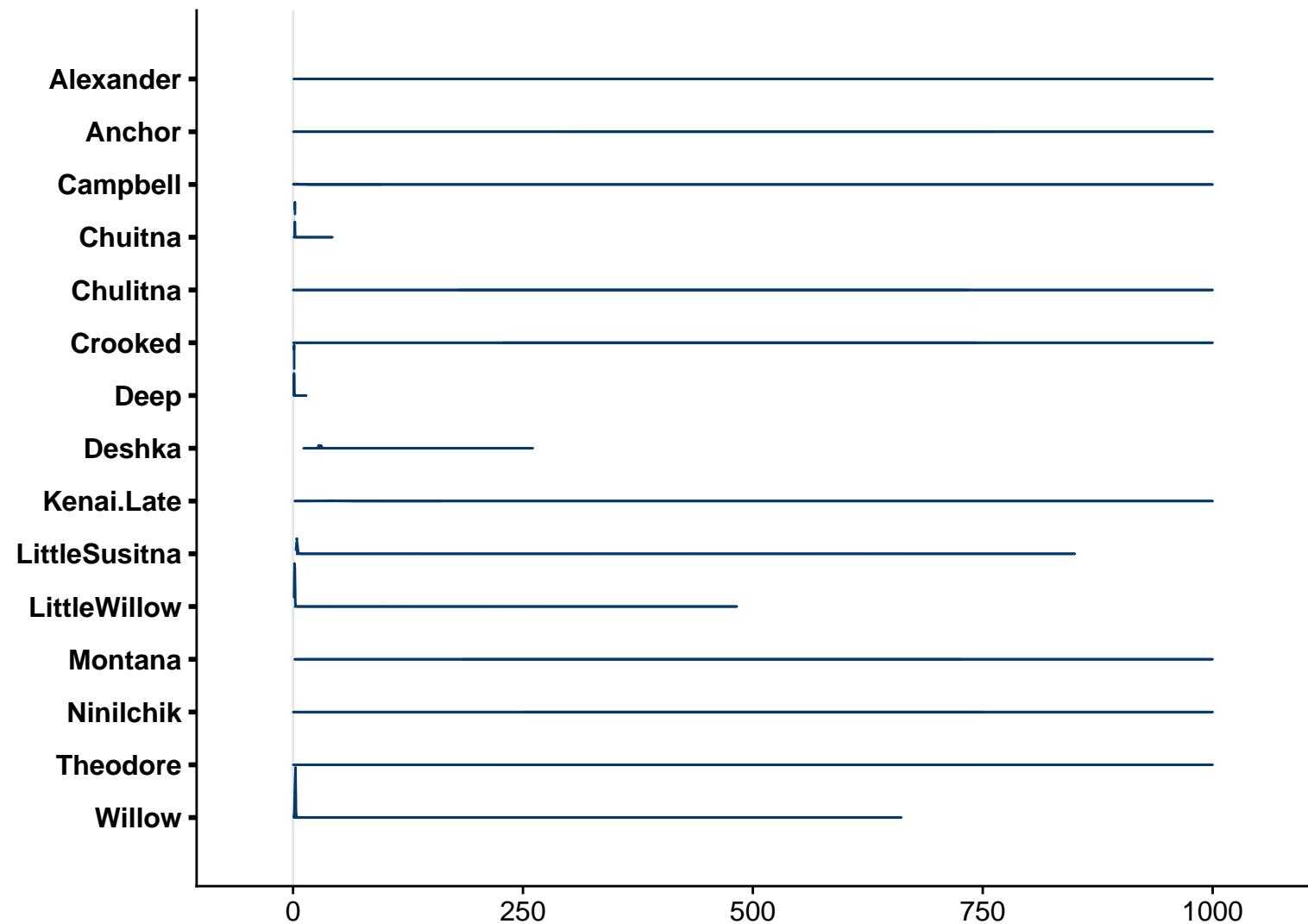
## Maximum Productivity RpS: exp(a)



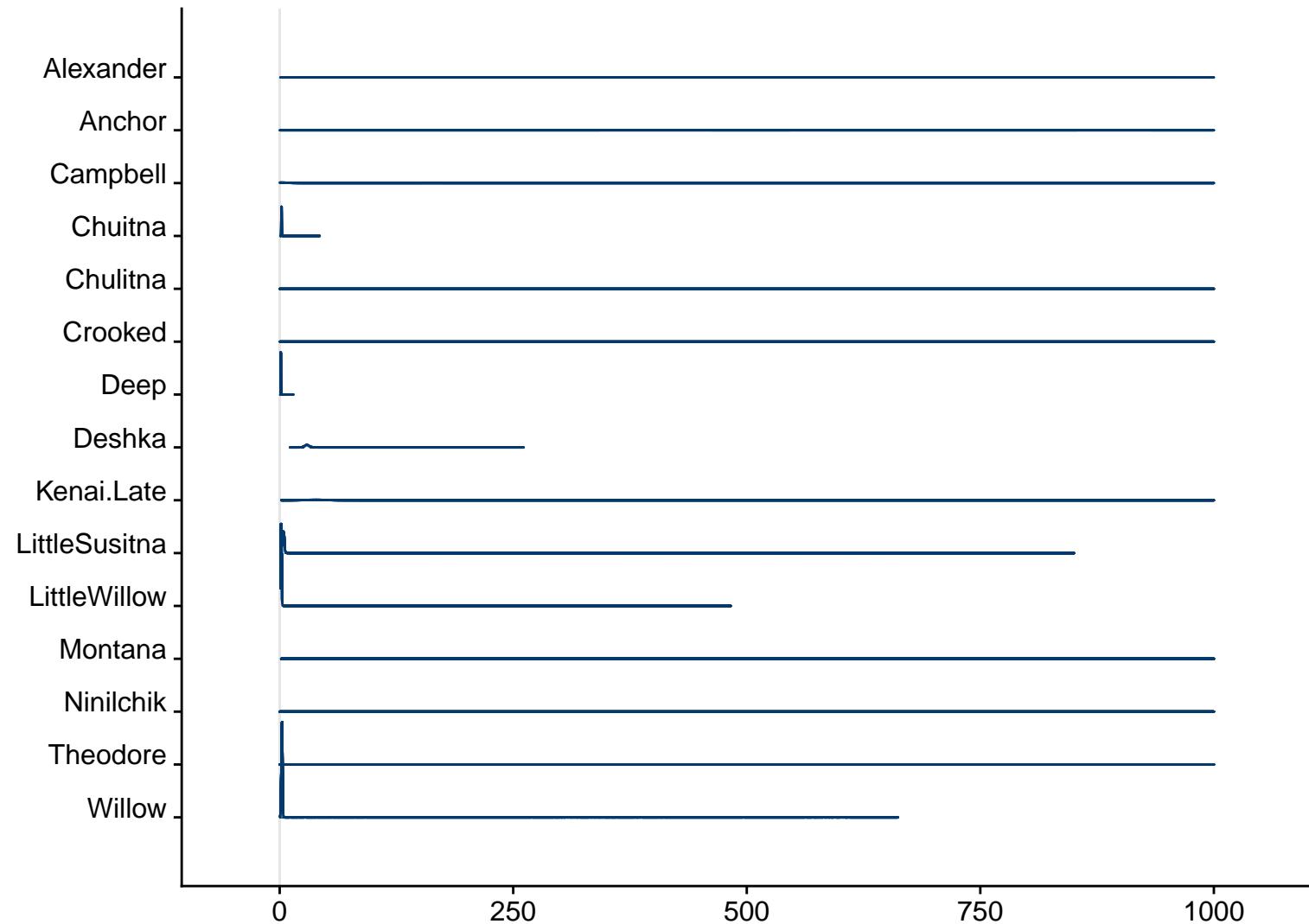
## Maximum Productivity RpS: $\exp(a)$



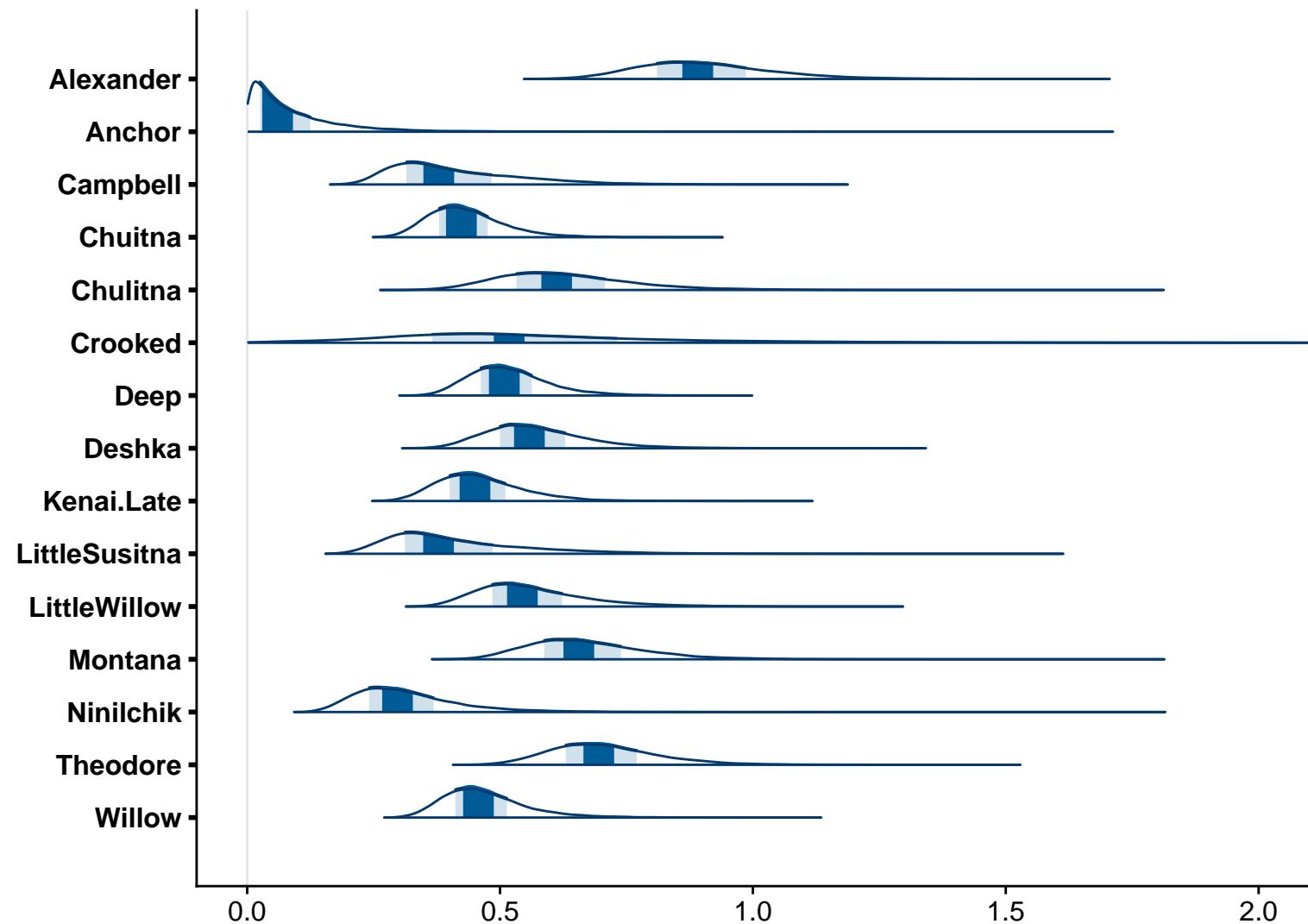
## Equilibrium Abundance (Beta) in Thousands



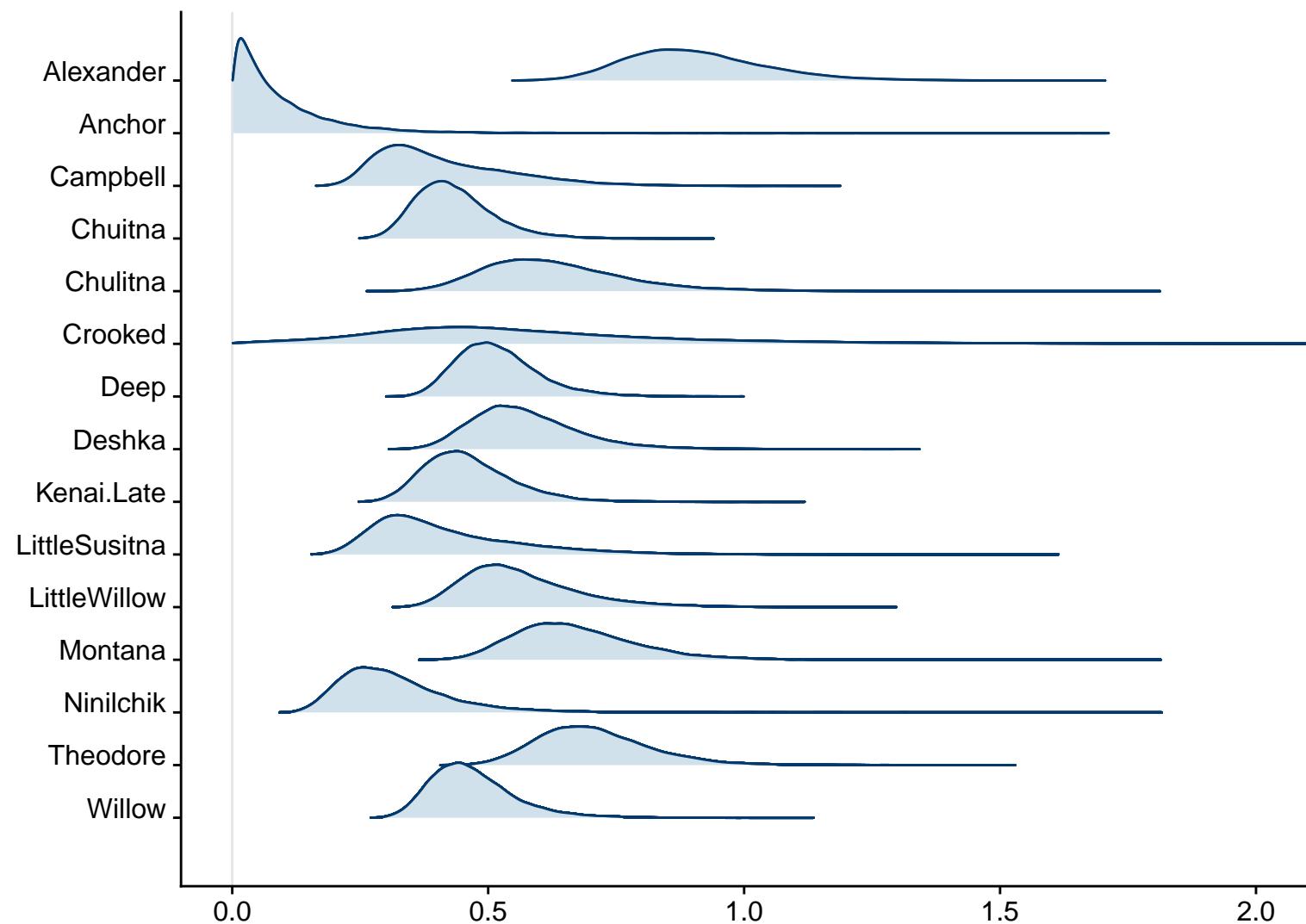
## Equilibrium Abundance (Beta) in Thousands

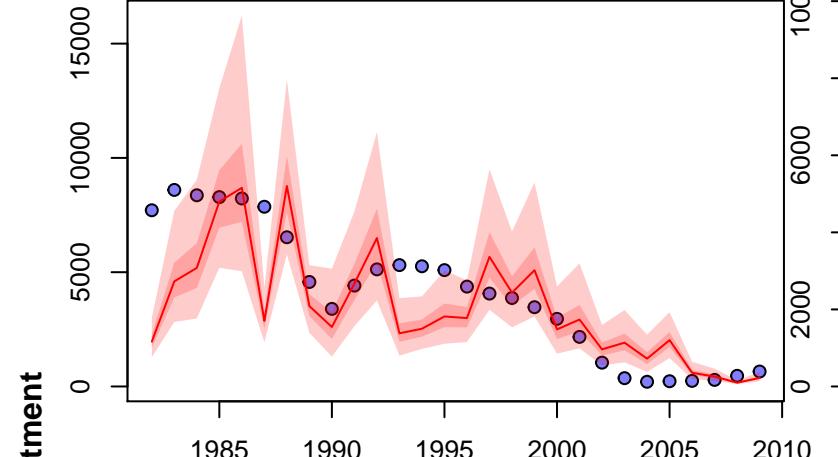
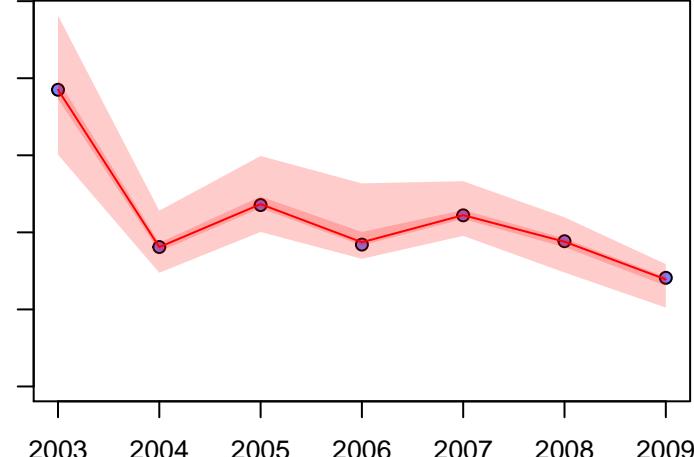
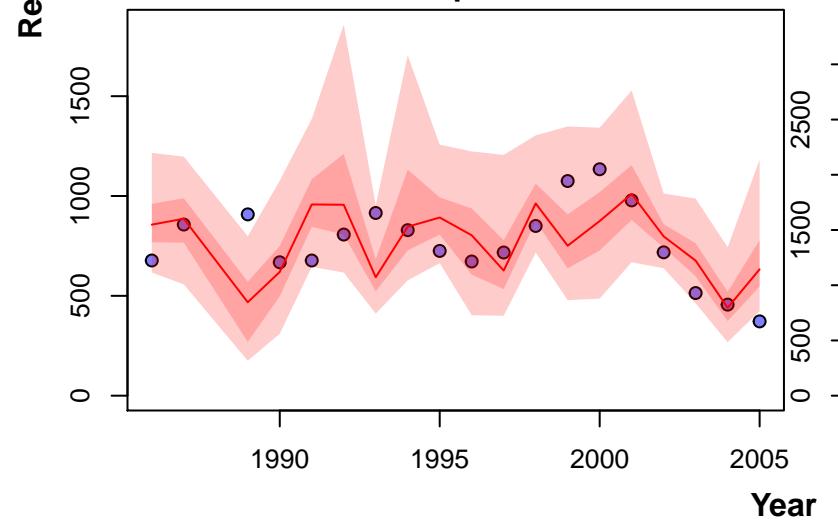
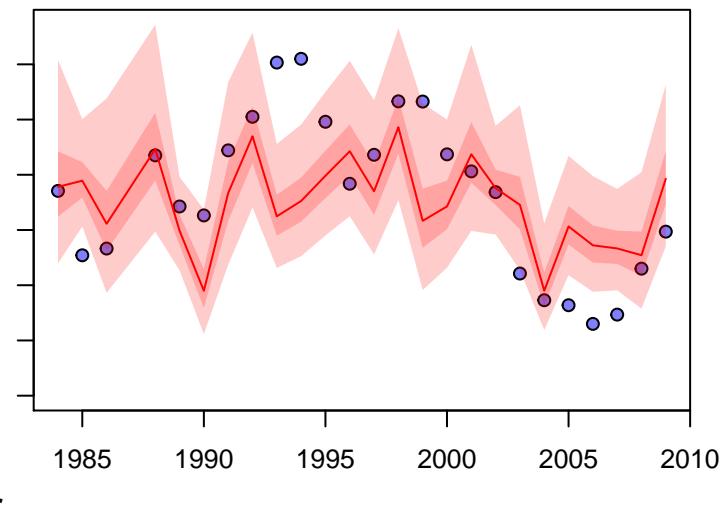


## Process Error (SD)



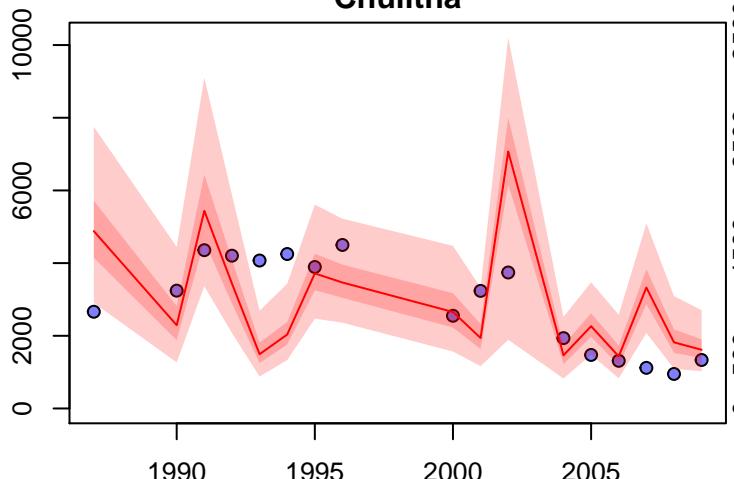
## Process Error (SD)



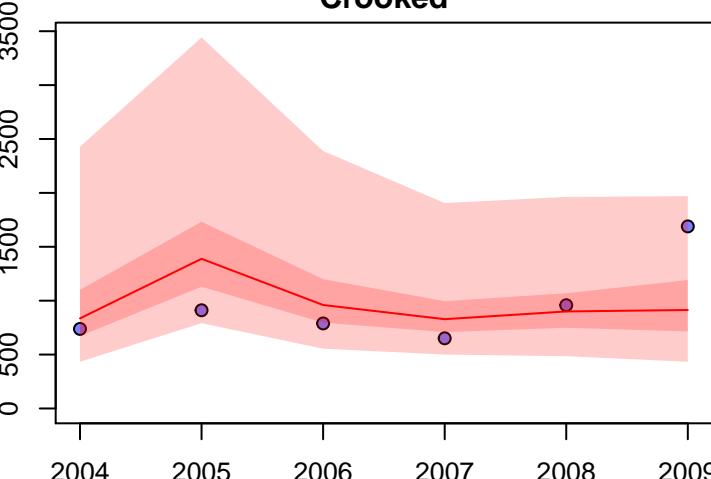
**Alexander****Anchor****Campbell****Chuitna**

**Recruitment**

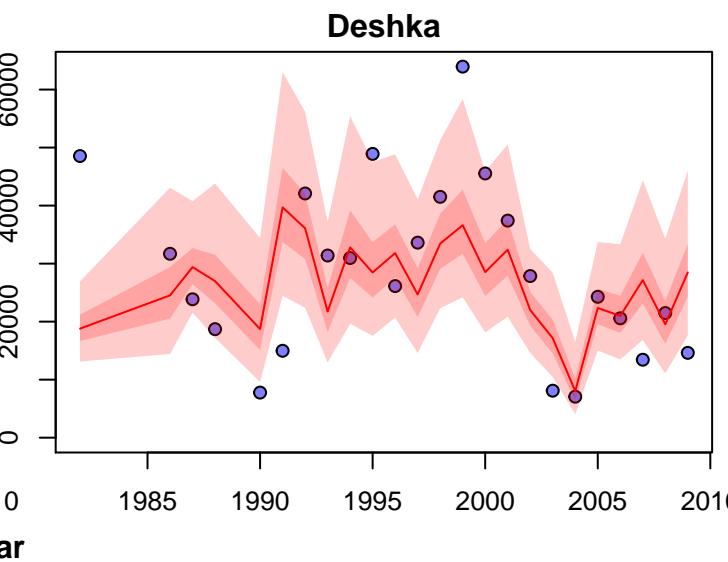
**Chulitna**



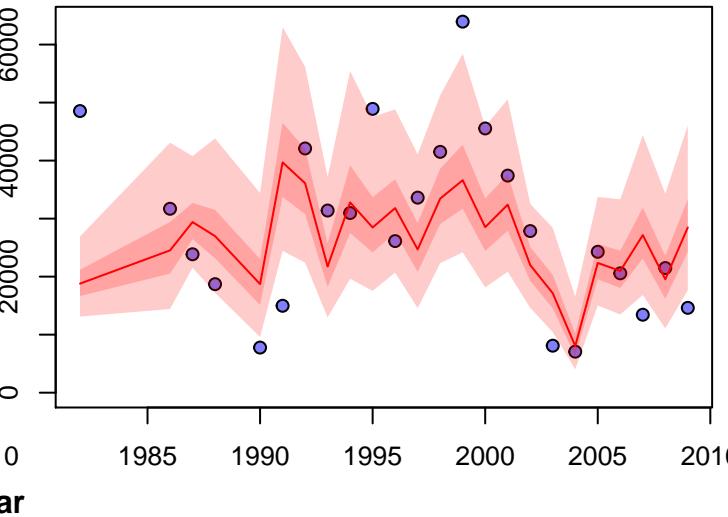
**Crooked**



**Deep**

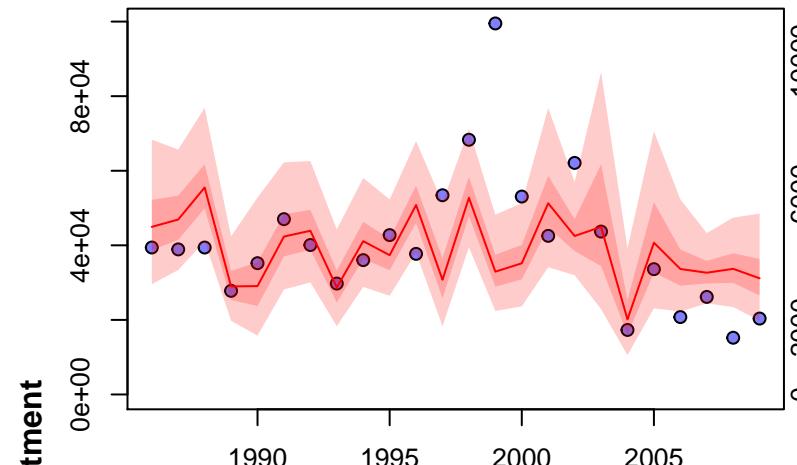


**Deshka**

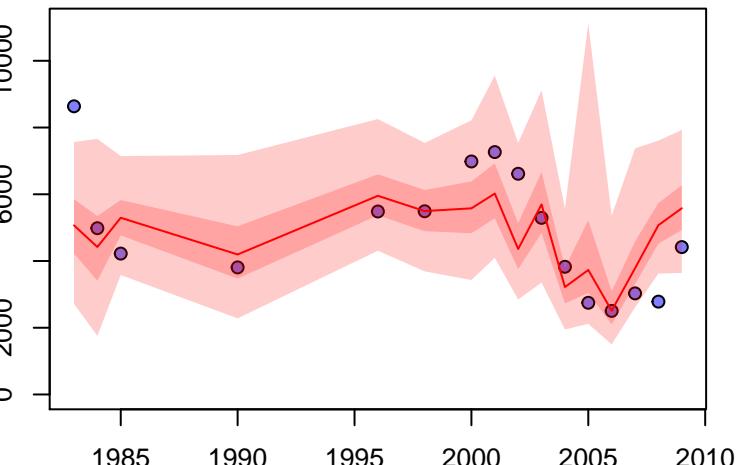


**Year**

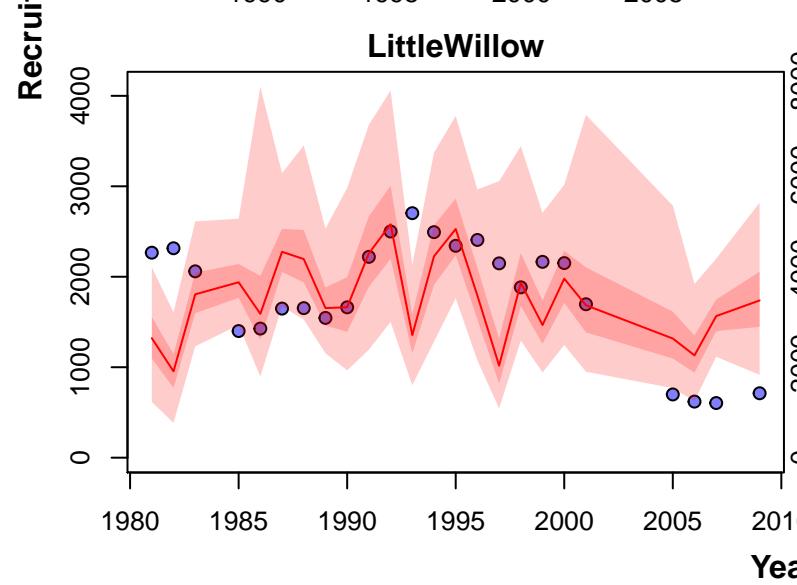
### Kenai.Late



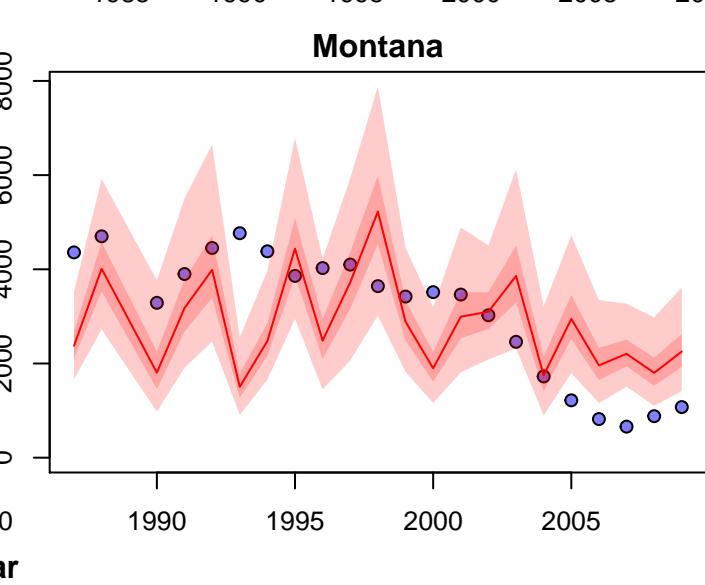
### LittleSusitna



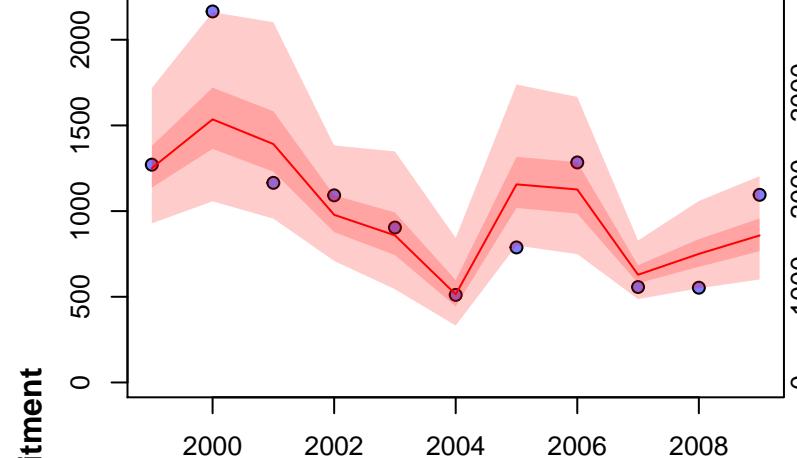
### LittleWillow



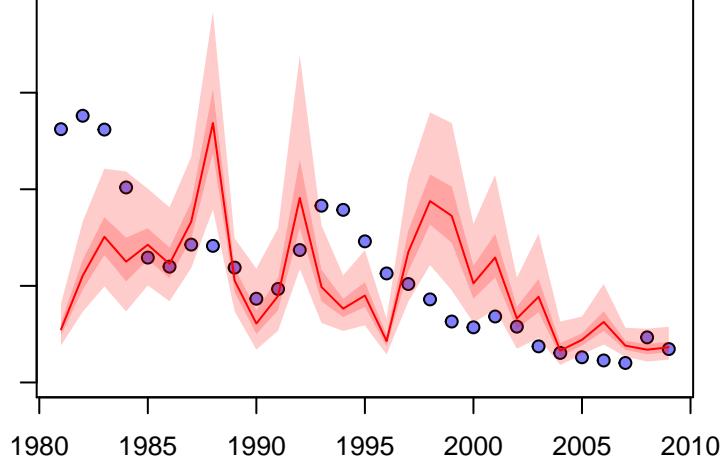
### Montana



### Ninilchik



### Theodore



### Willow

