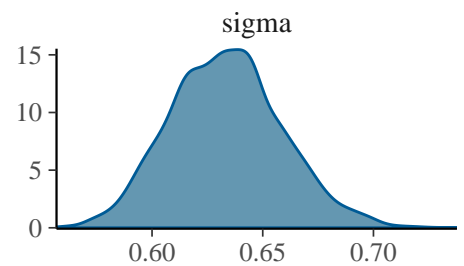
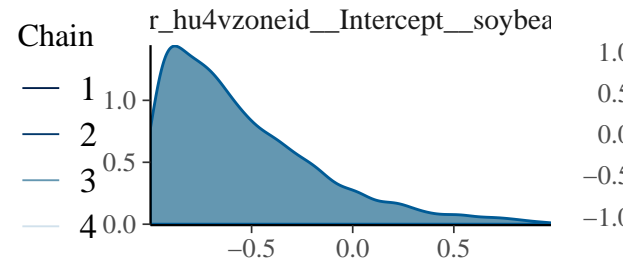
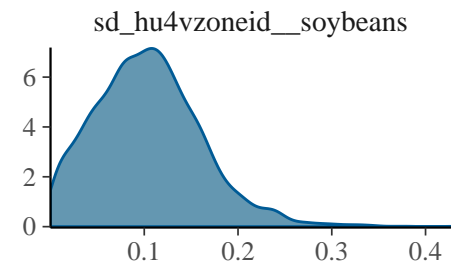
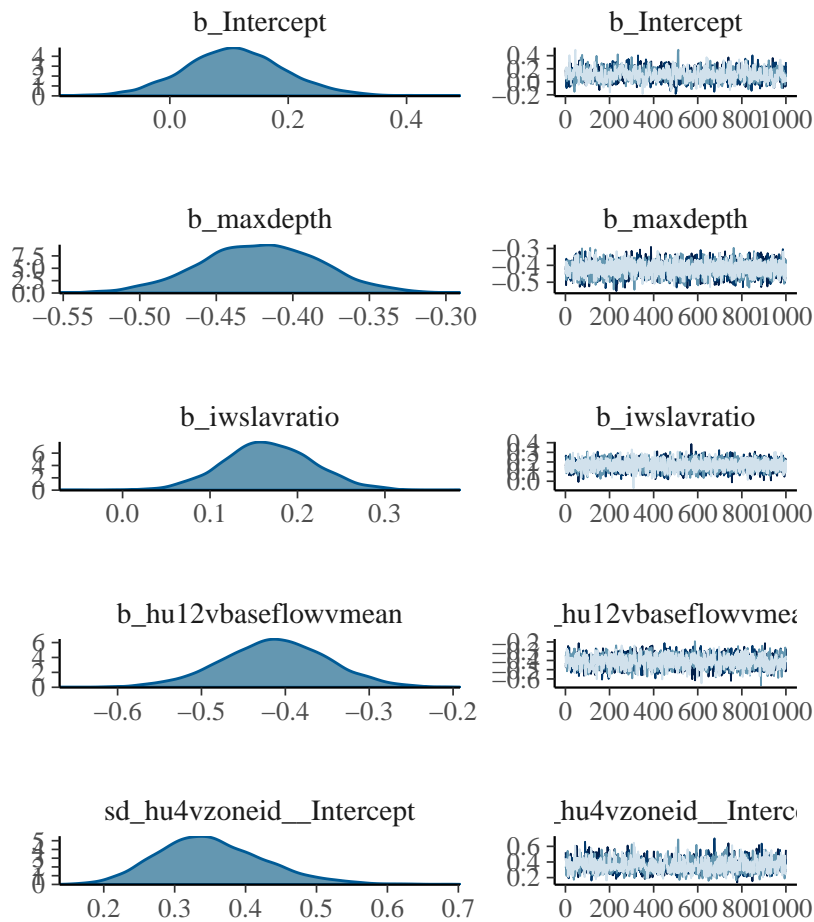


```
## [1] "fixed effect"
## tp ~ ag
##      elpd_diff se_diff
## fit4    0.0      0.0
## fit5 -22.5      7.7

##          0%          5%          50%          95%          100%
## -0.30789472 -0.24057110  0.07917483  0.29061015  0.40920220
```



```
##      Estimate Est.Error      Q2.5      Q97.5
## R2 0.4936894 0.03005678 0.430219 0.5479683

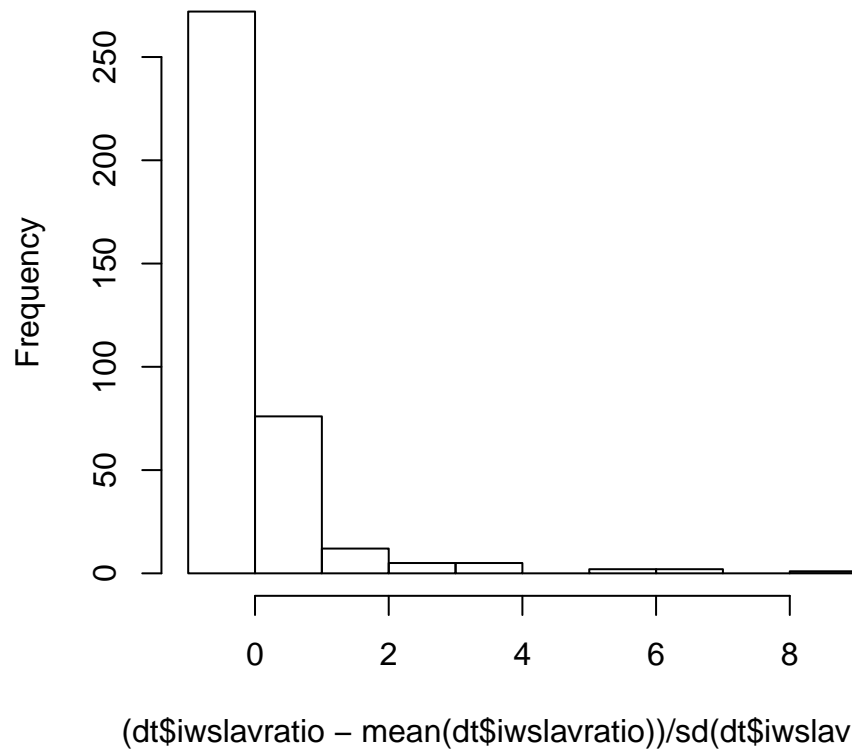
##      Estimate Est.Error      Q2.5      Q97.5
## R2 0.619874 0.02188771 0.5741334 0.6586014

##      Estimate Est.Error      Q2.5      Q97.5
## R2 0.6029679 0.02235356 0.5559629 0.6429953

## [1] -0.440251  5.950453

## [1] -0.5505989  8.3887568
```

gram of $(dt\$iavratio - \text{mean}(dt\$iavratio))/sd(dt\$iavratio)$



```
## [1] "random effects"
## tp ~ maxdepth + (1 + ag | hu4vzoneid)
## [1] "re w/ 2nd level coeffs"
## tp ~ bagvpct * ag
## bagvpct ~ 1 + phosphorusvfertilizervuse + soybeans + (1 | hu4vzoneid)
```

