

## Diagnostic Plots

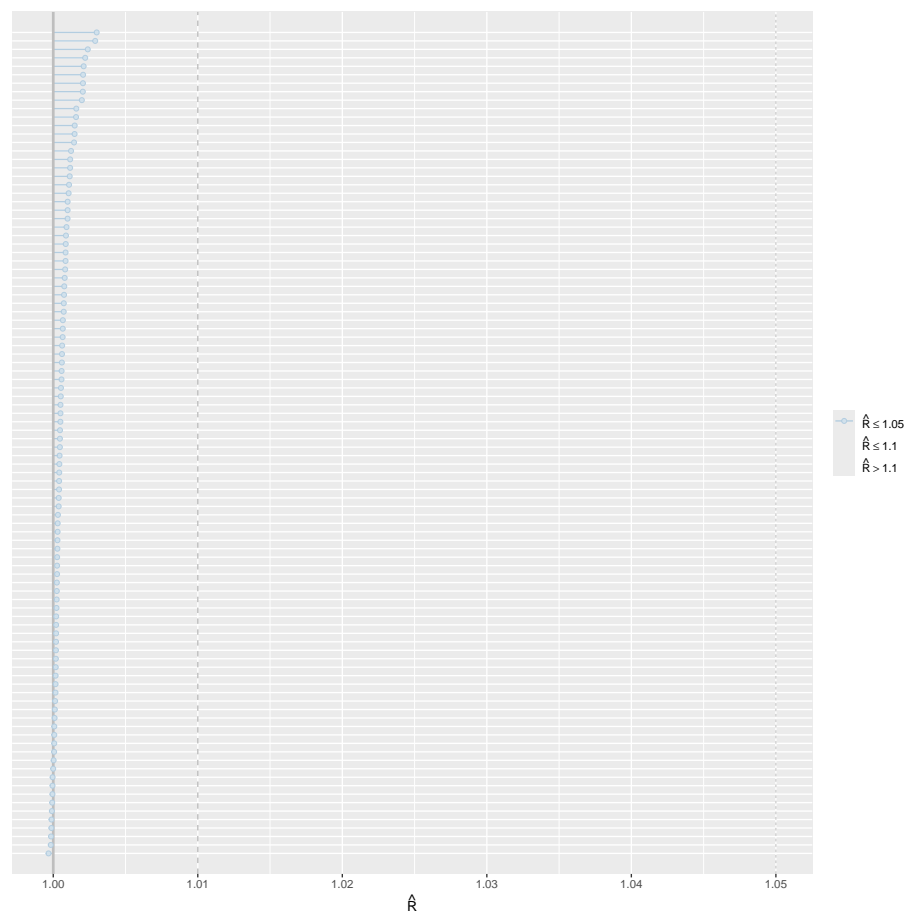
The effects of supervision upon effort during resistance training: A  
Bayesian analysis of prior data and an experimental study of  
private strength clinic members

James Steele, James Fisher, Tim Dettmann

# Prior Sample Models

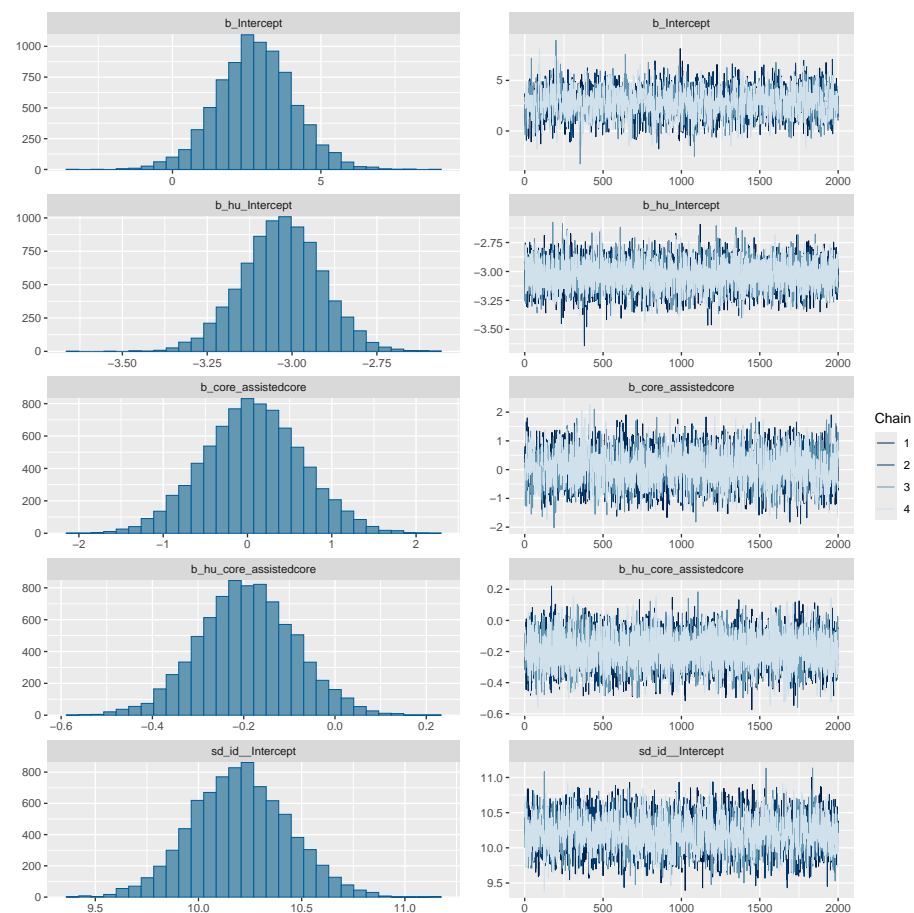
Time Under Load

$\hat{R}$

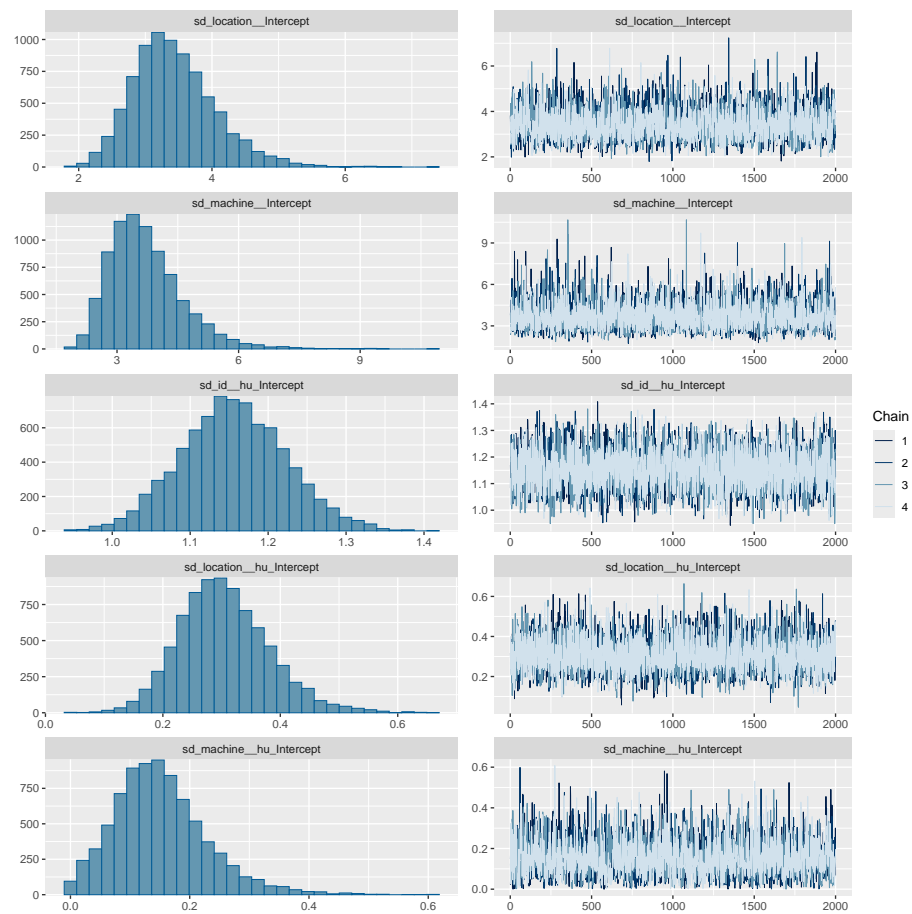


## Trace plots

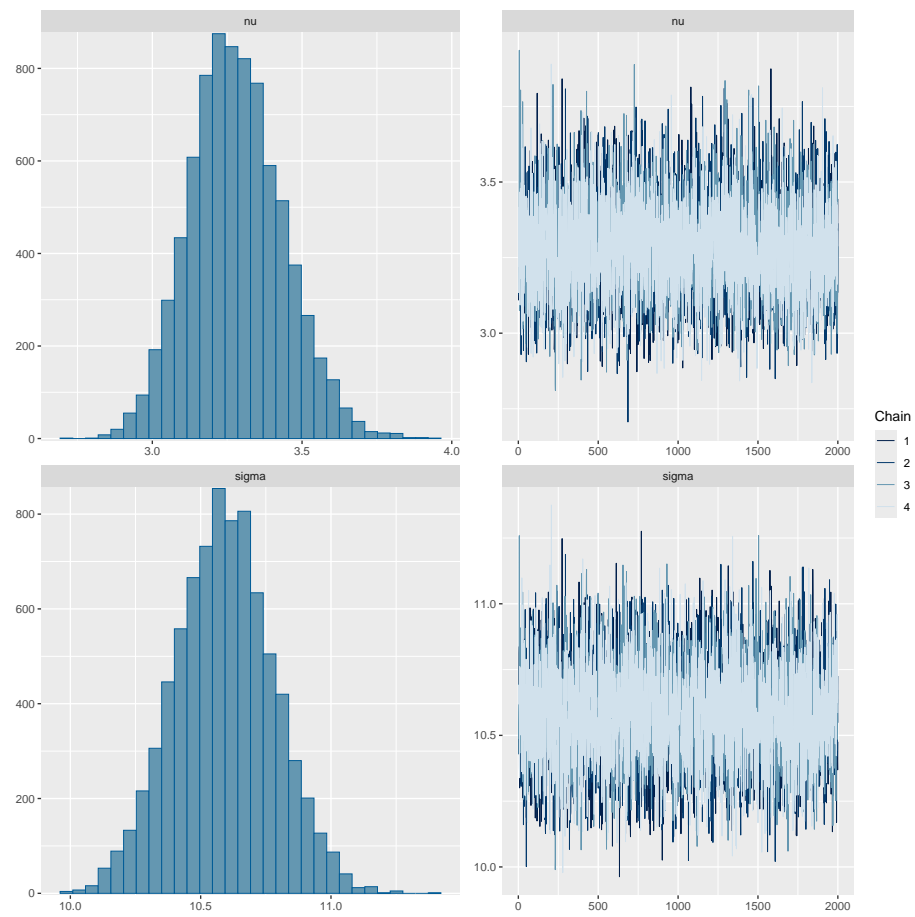
[[1]]



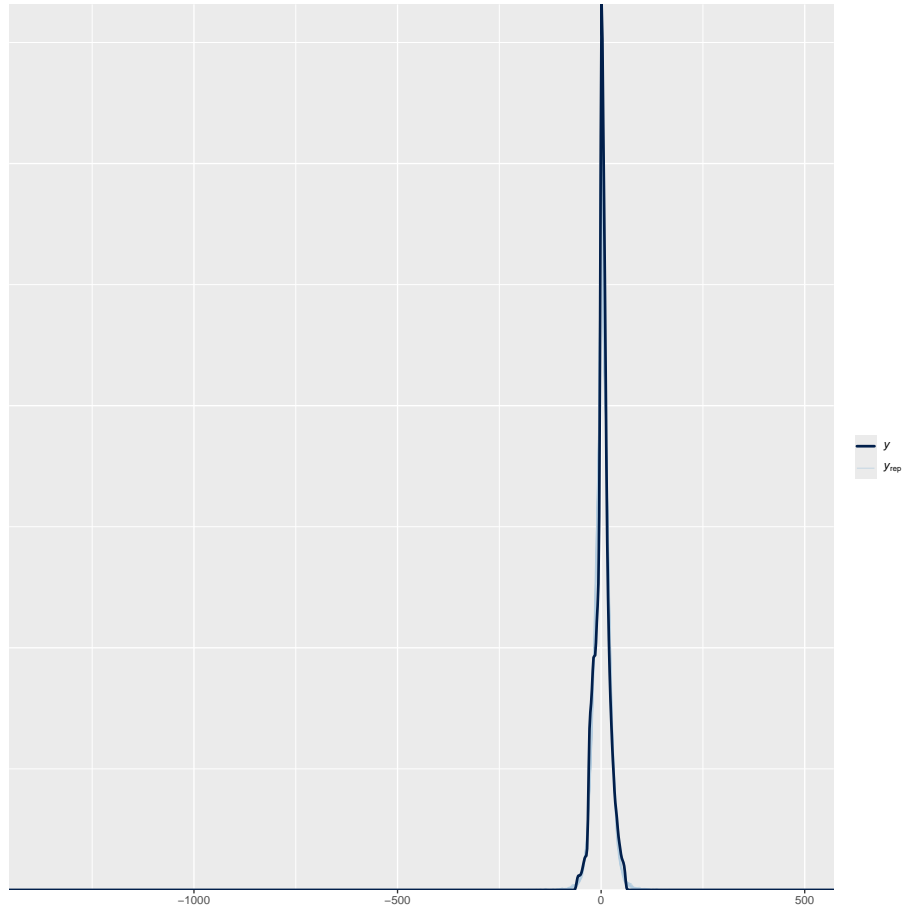
[[2]]



[[3]]

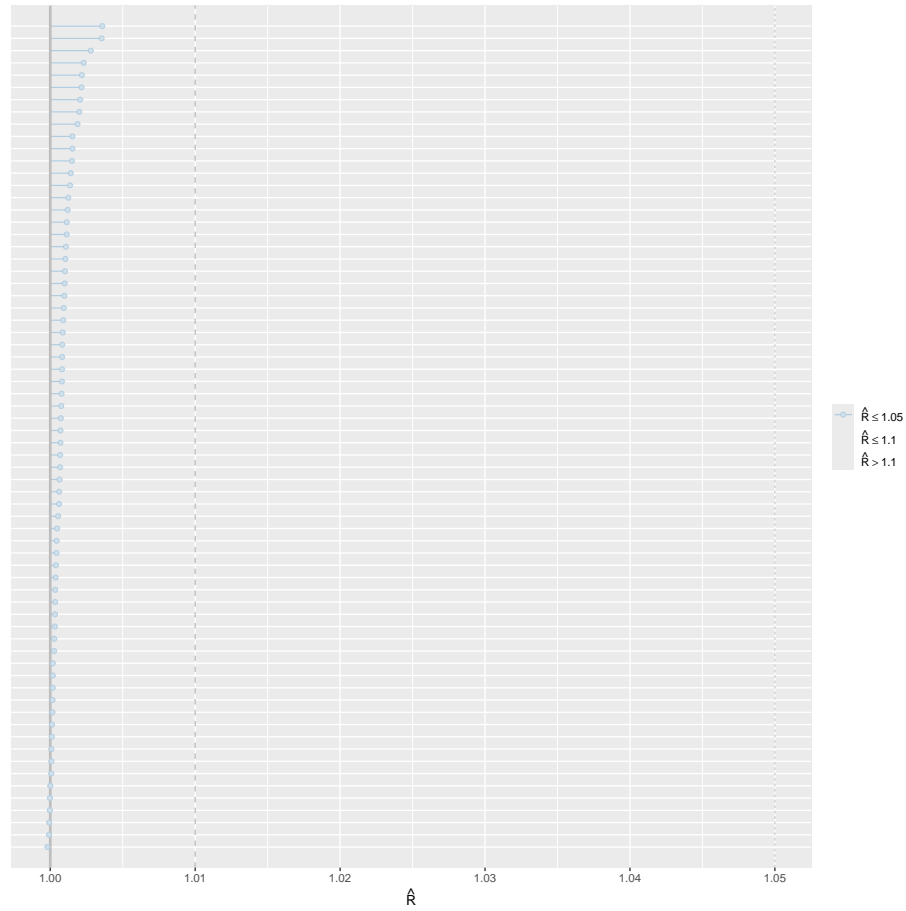


## Posterior predictive check



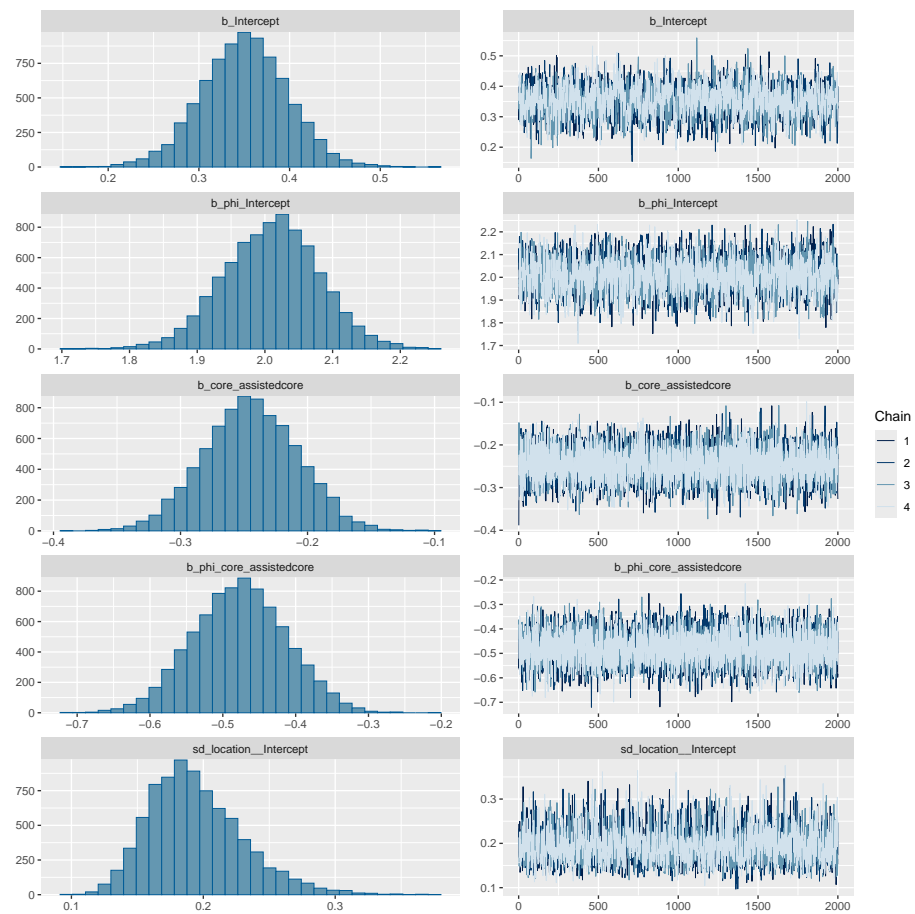
## Rating of Perceived Effort

$\hat{R}$



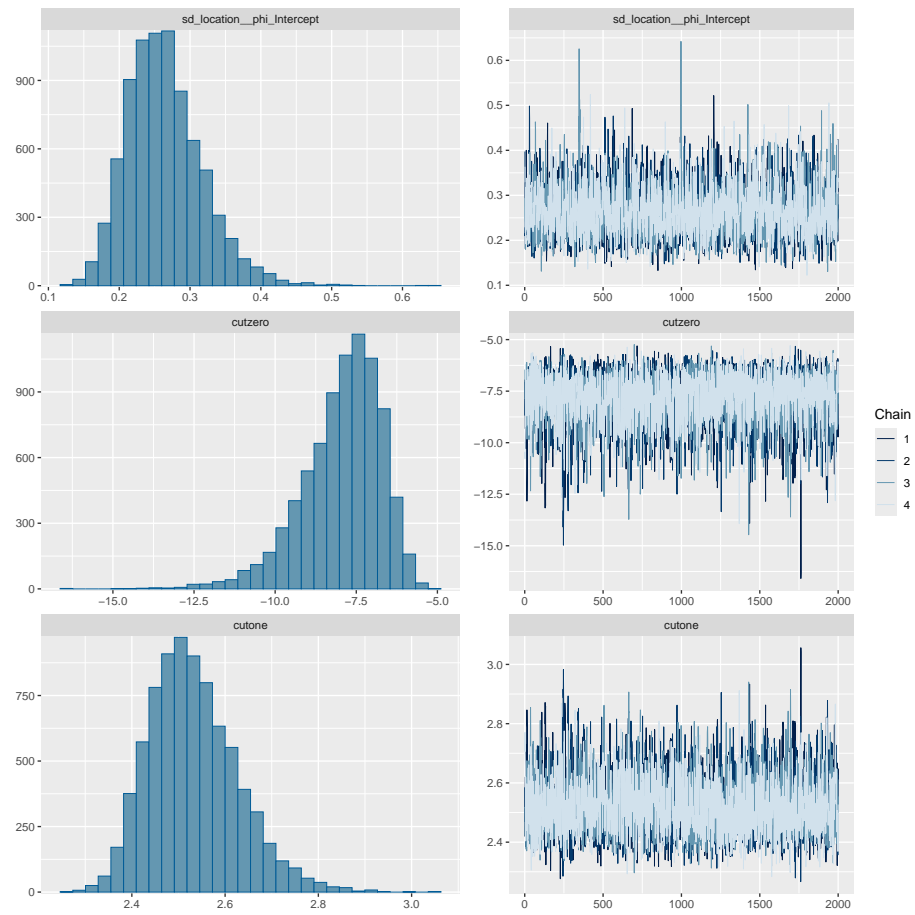
## Trace plots

[[1]]

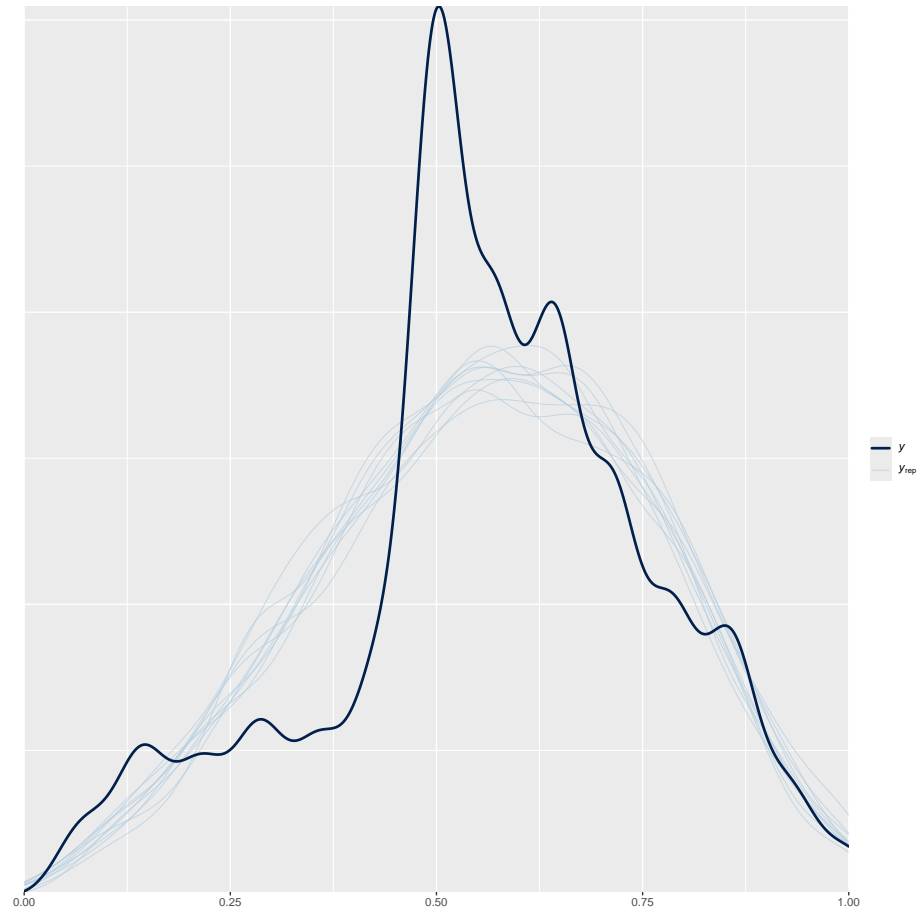


[[2]]





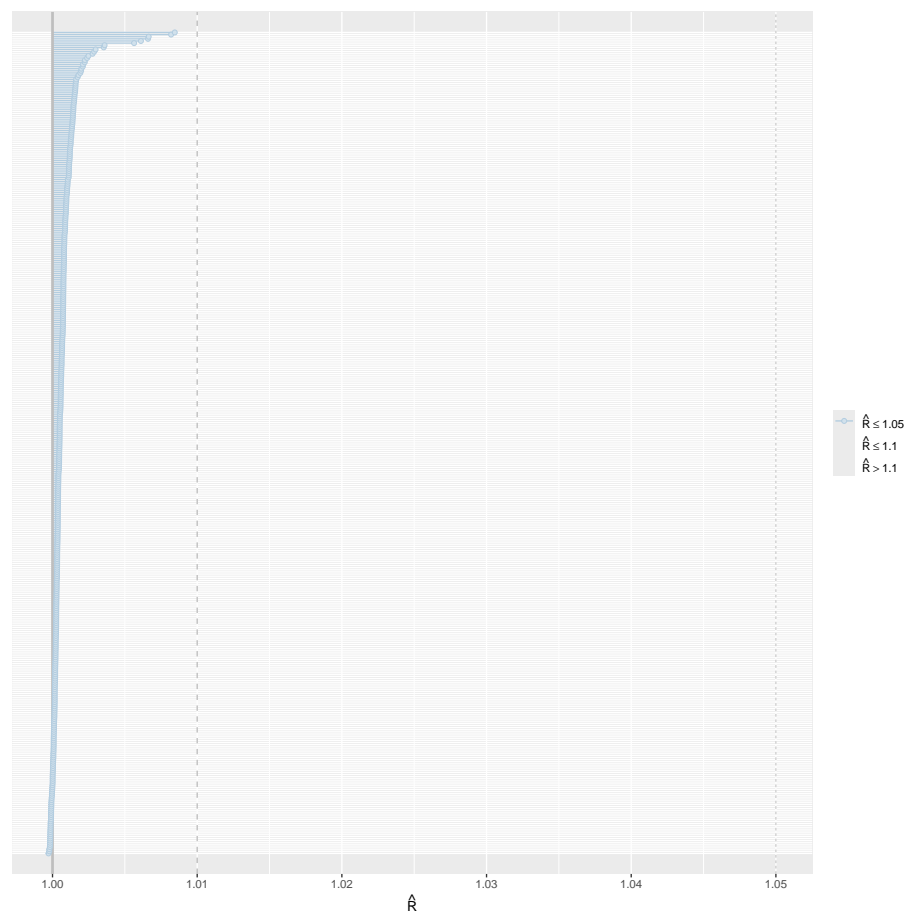
## Posterior predictive check



# Experimental Study Models

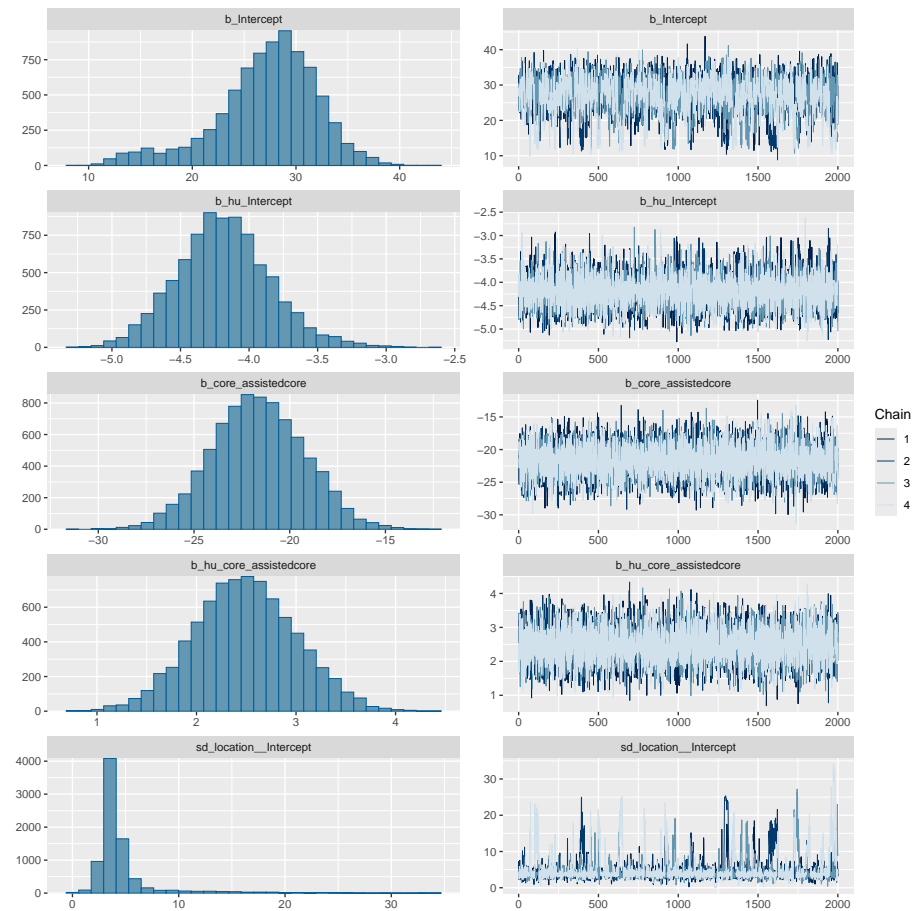
Time Under Load

$\hat{R}$

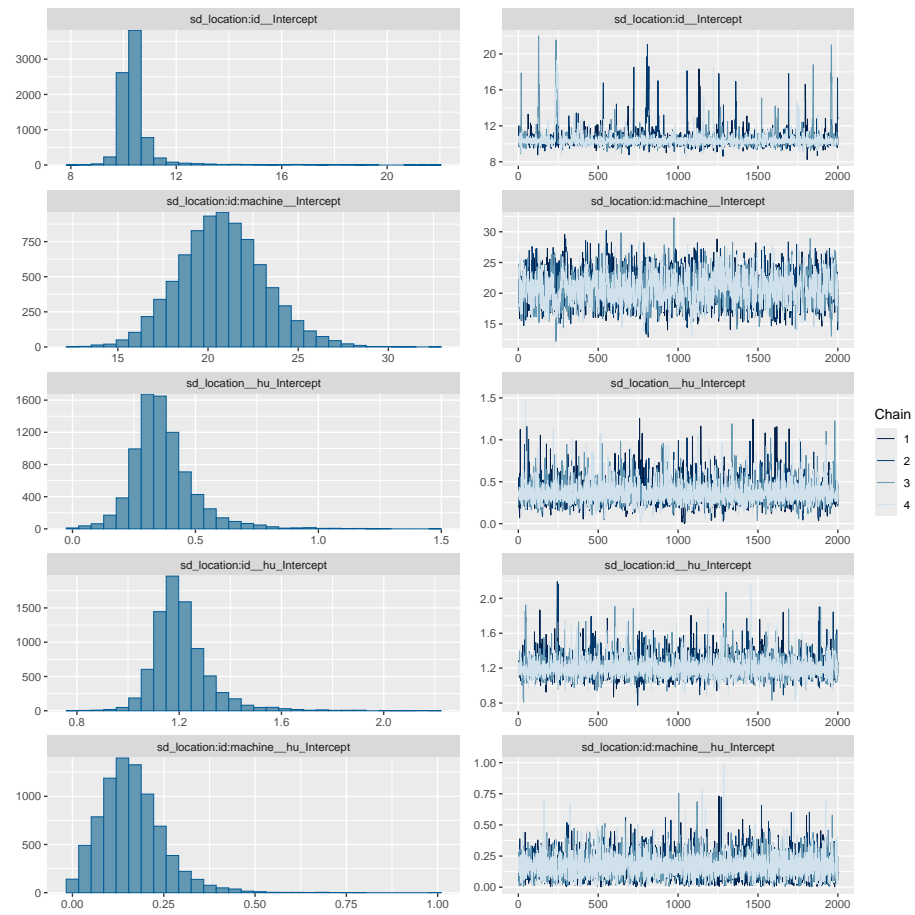


## Trace plots

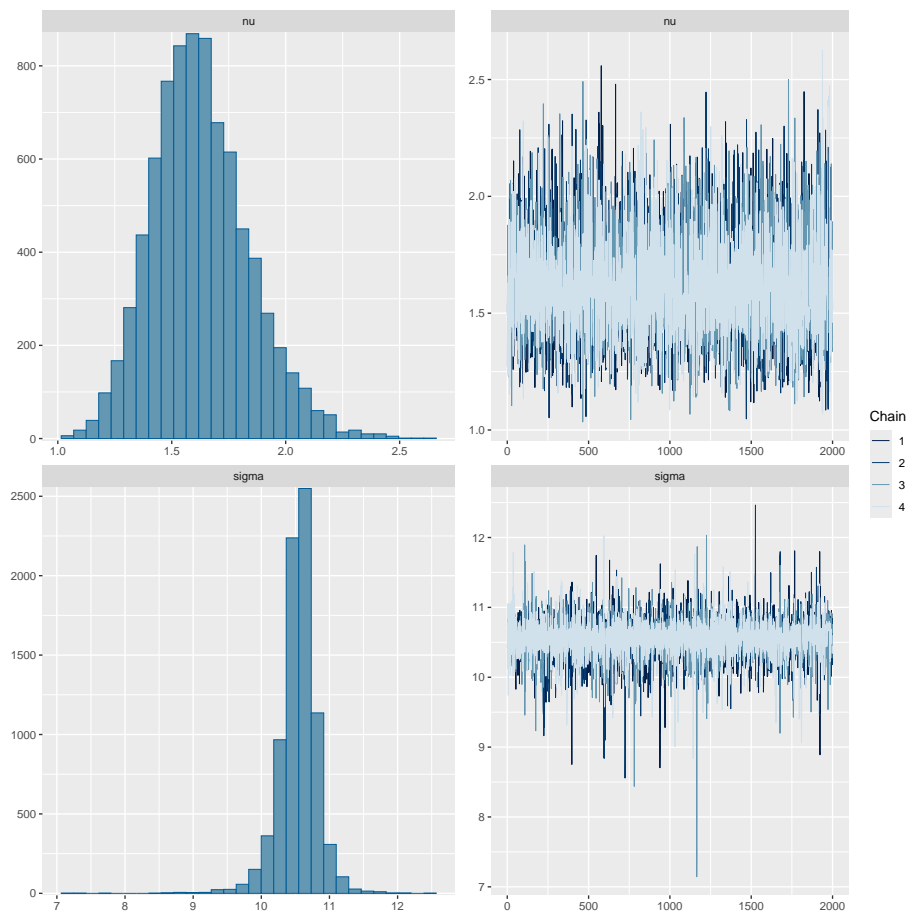
[[1]]



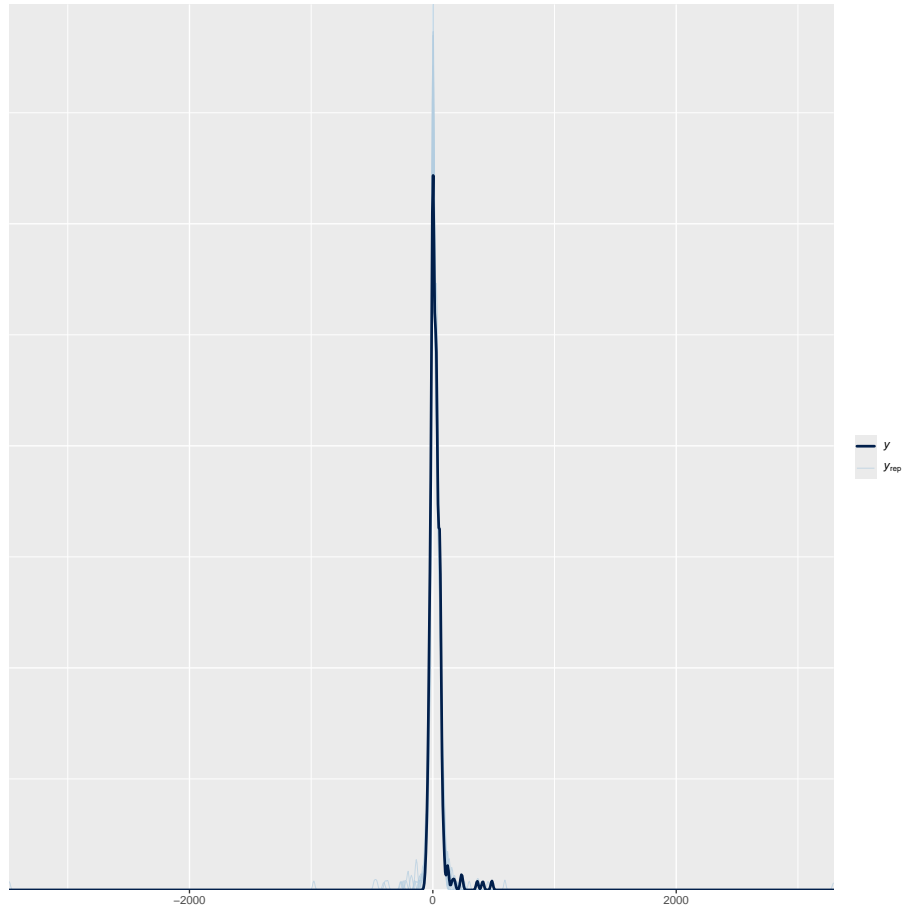
[[2]]



[[3]]

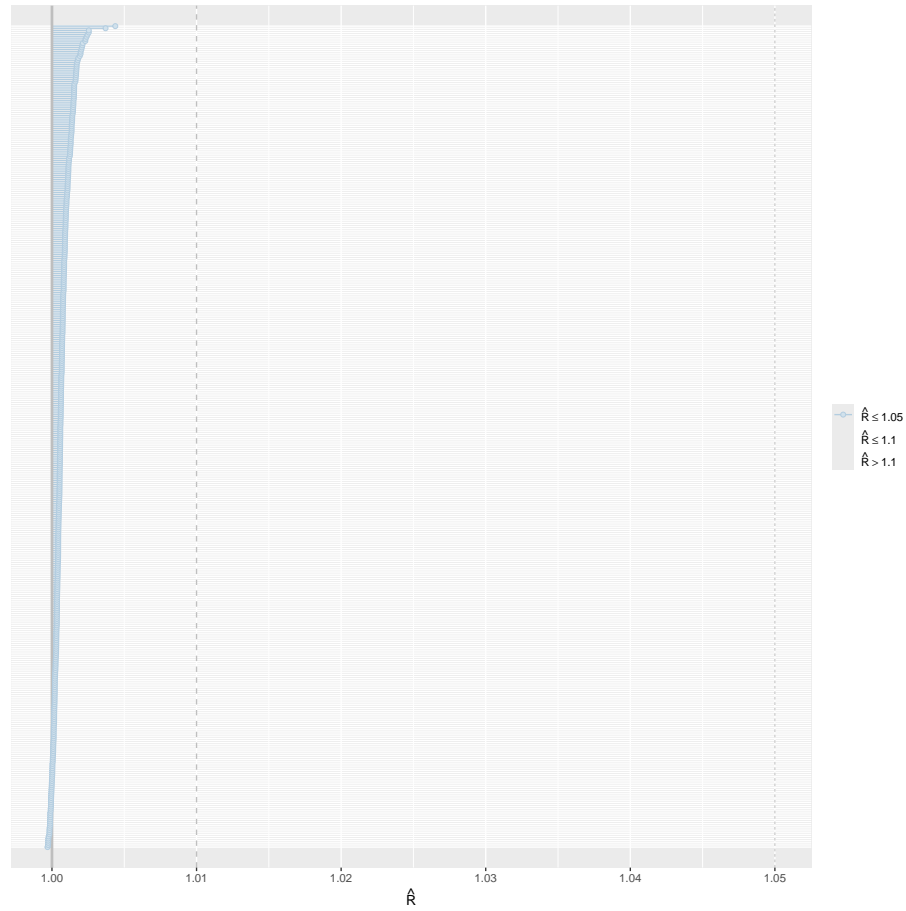


## Posterior predictive check



## Rating of Perceived Effort

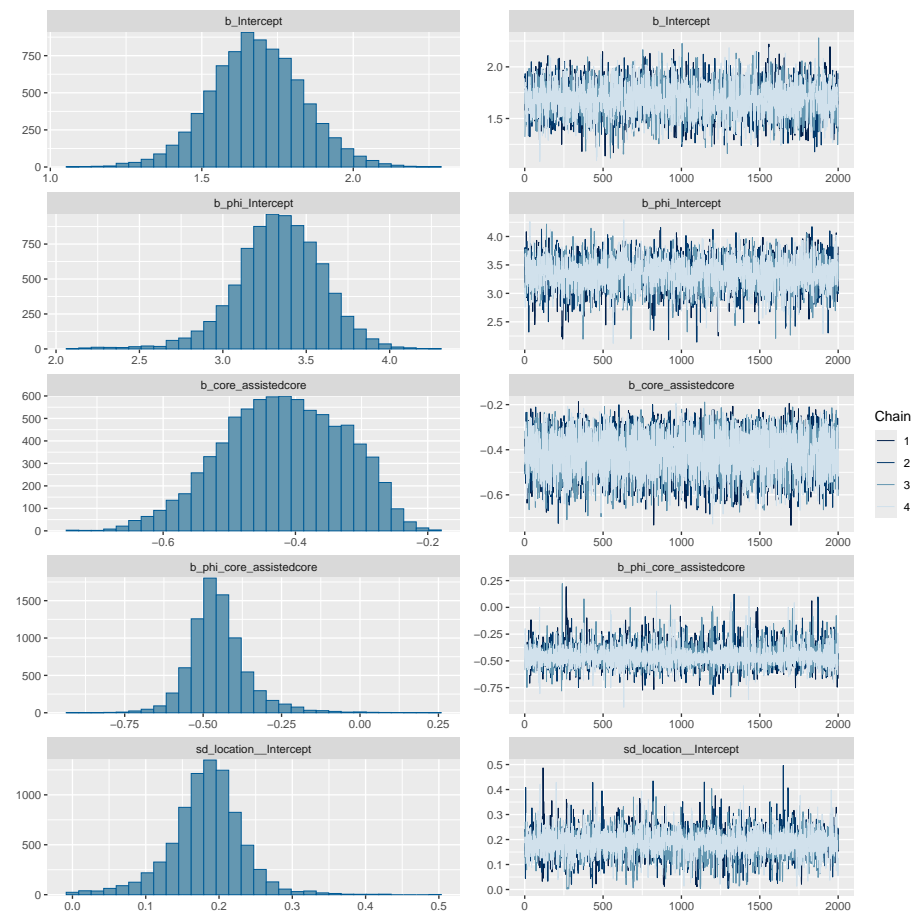
$\hat{R}$



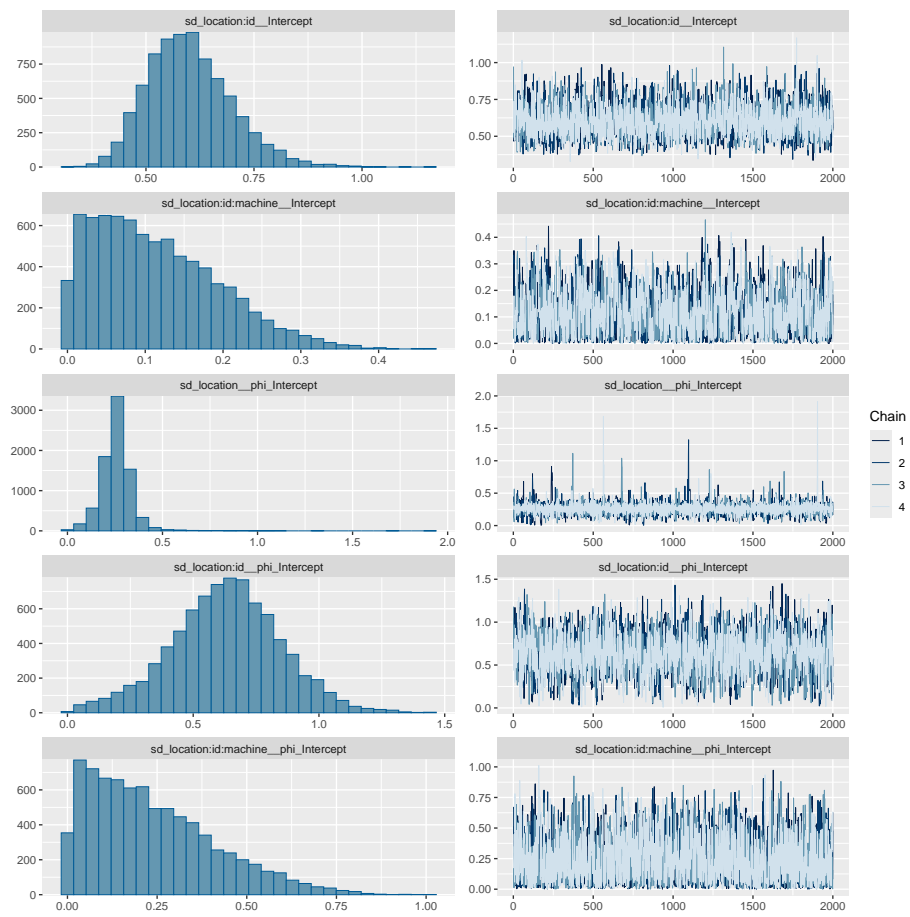
## Trace plots

[[1]]

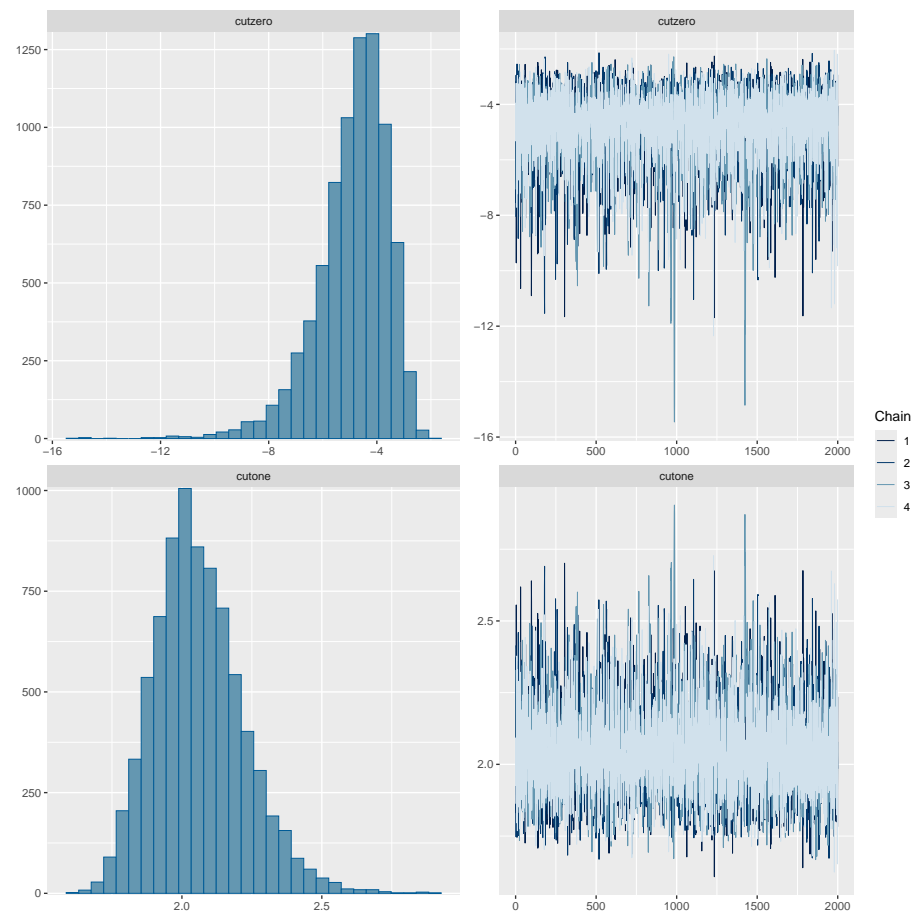




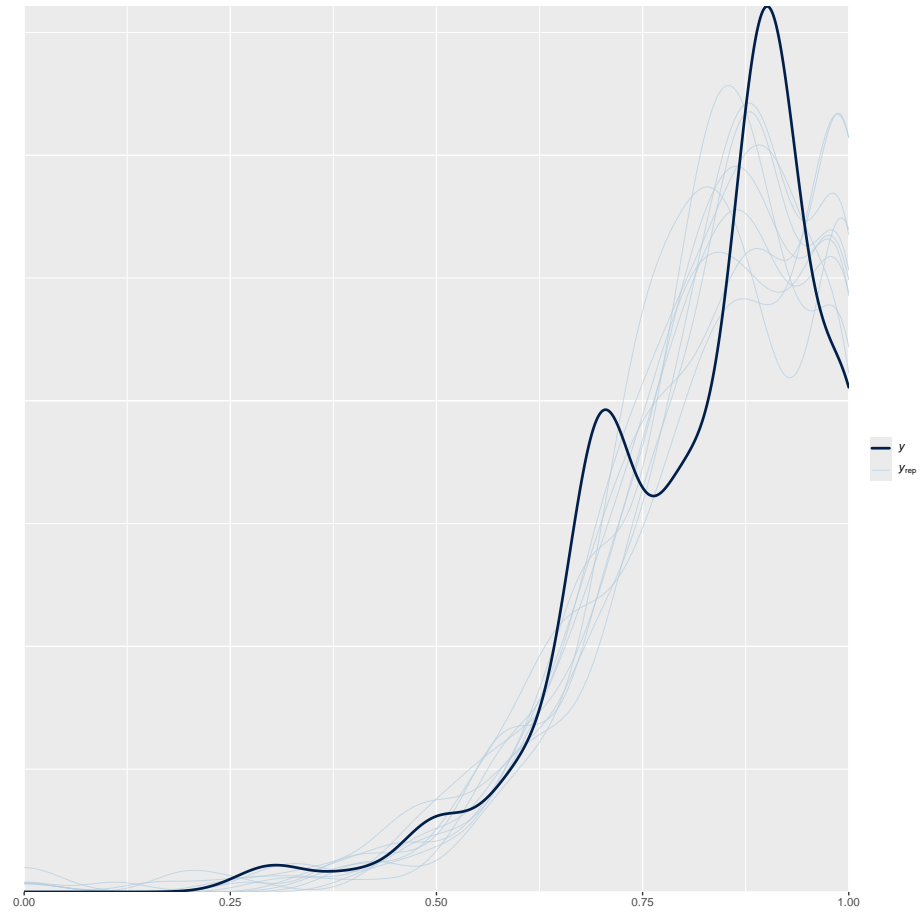
[[2]]



[[3]]

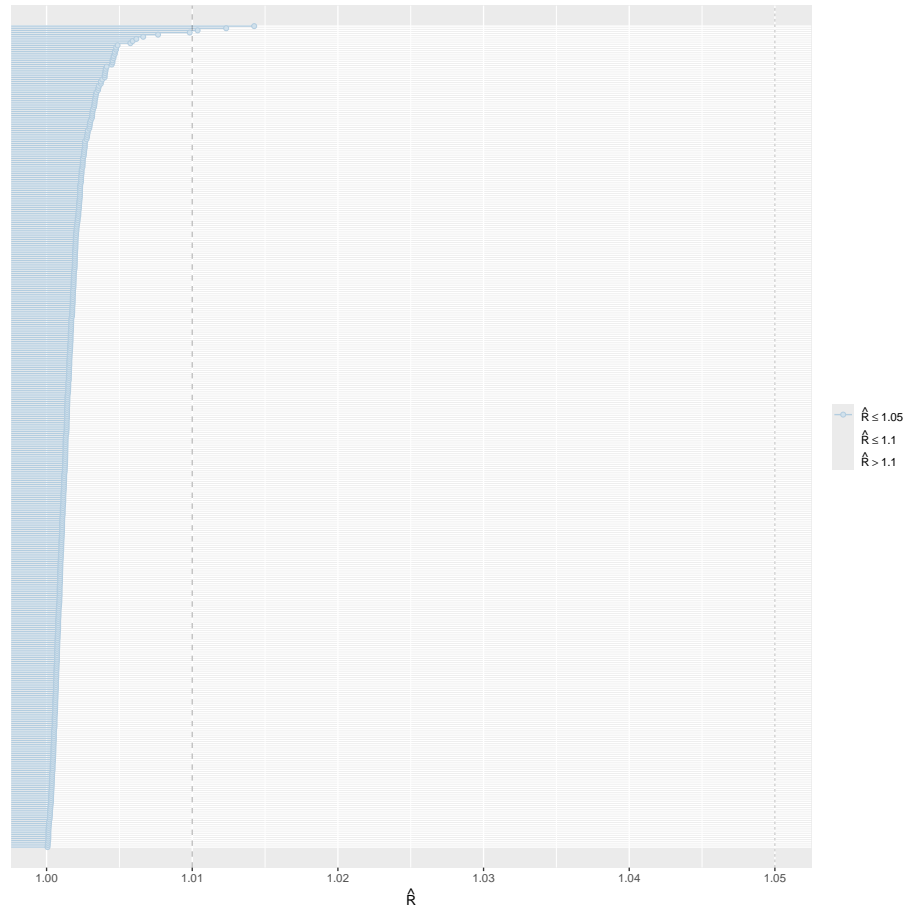


## Posterior predictive check



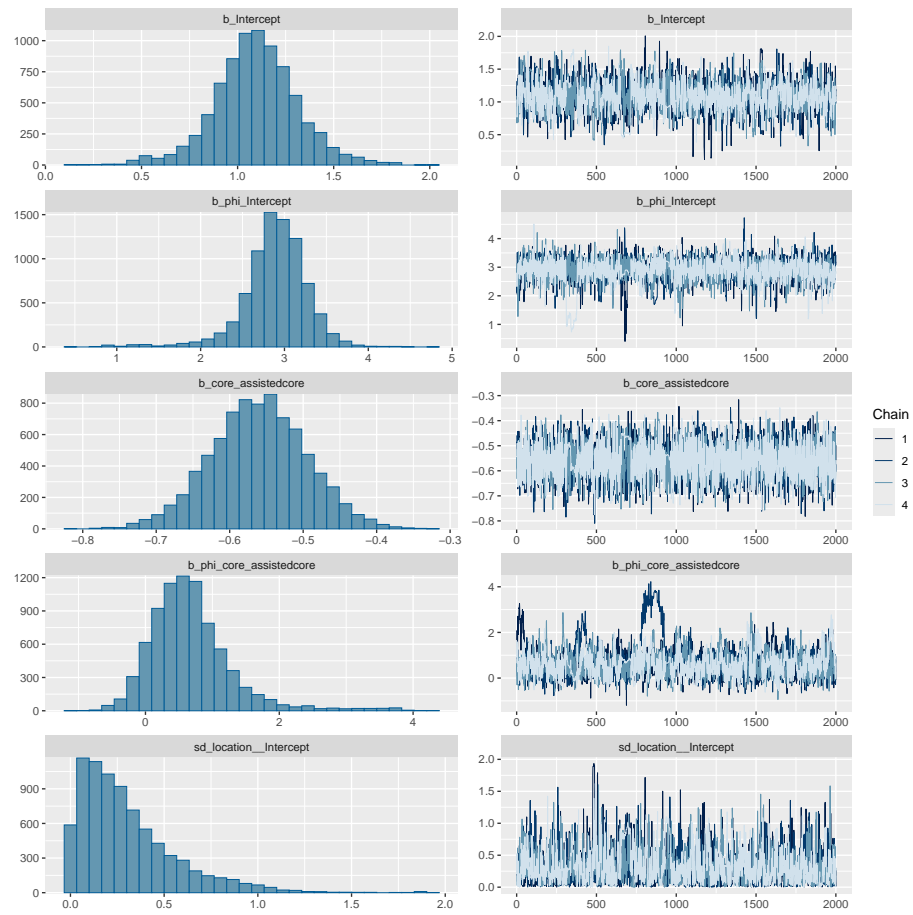
## Rating of Perceived Discomfort

$\hat{R}$

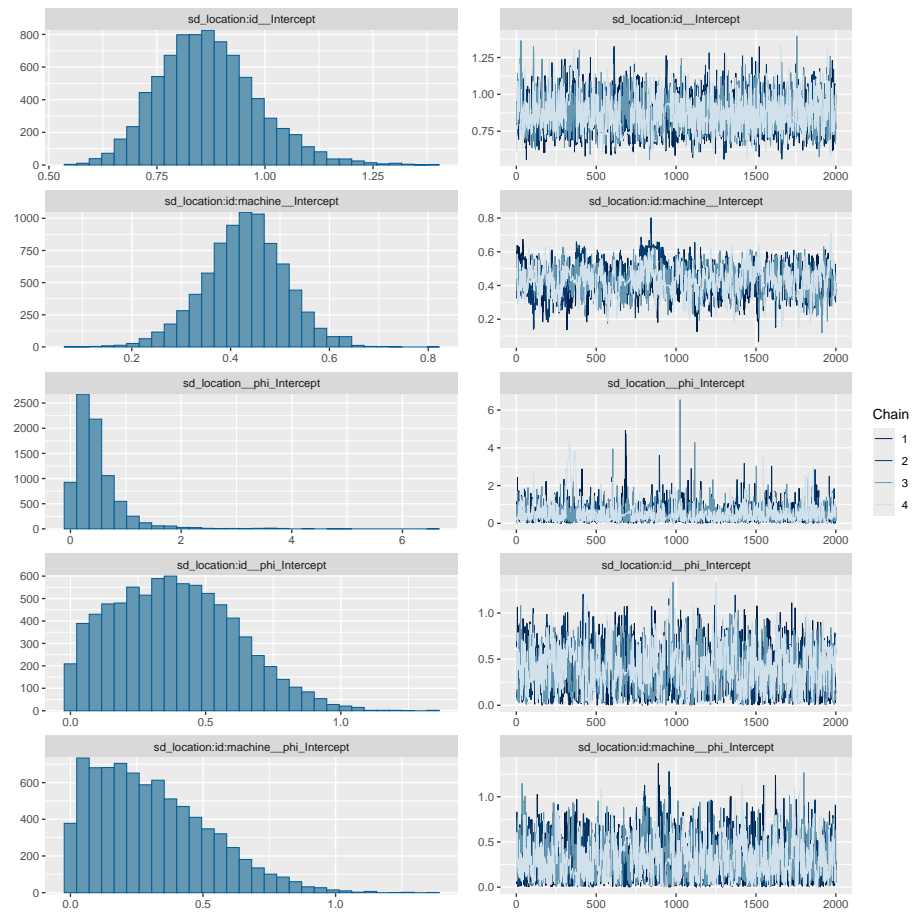


## Trace plots

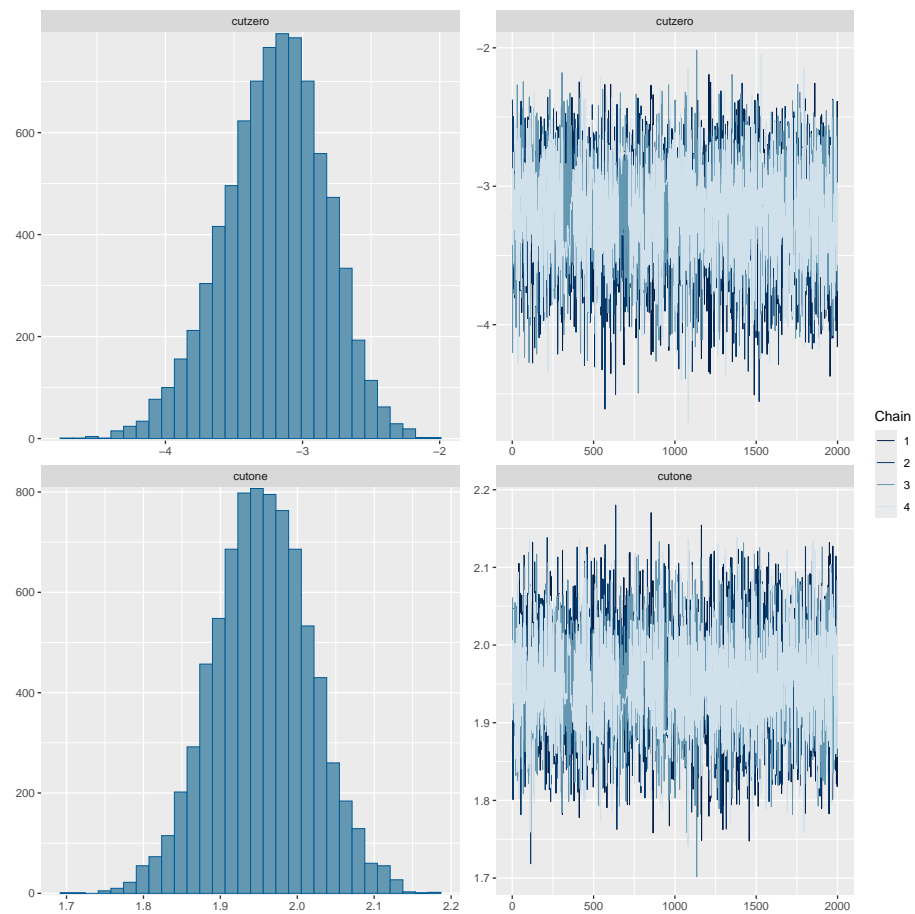
[[1]]



[[2]]



[[3]]





## Posterior predictive check

