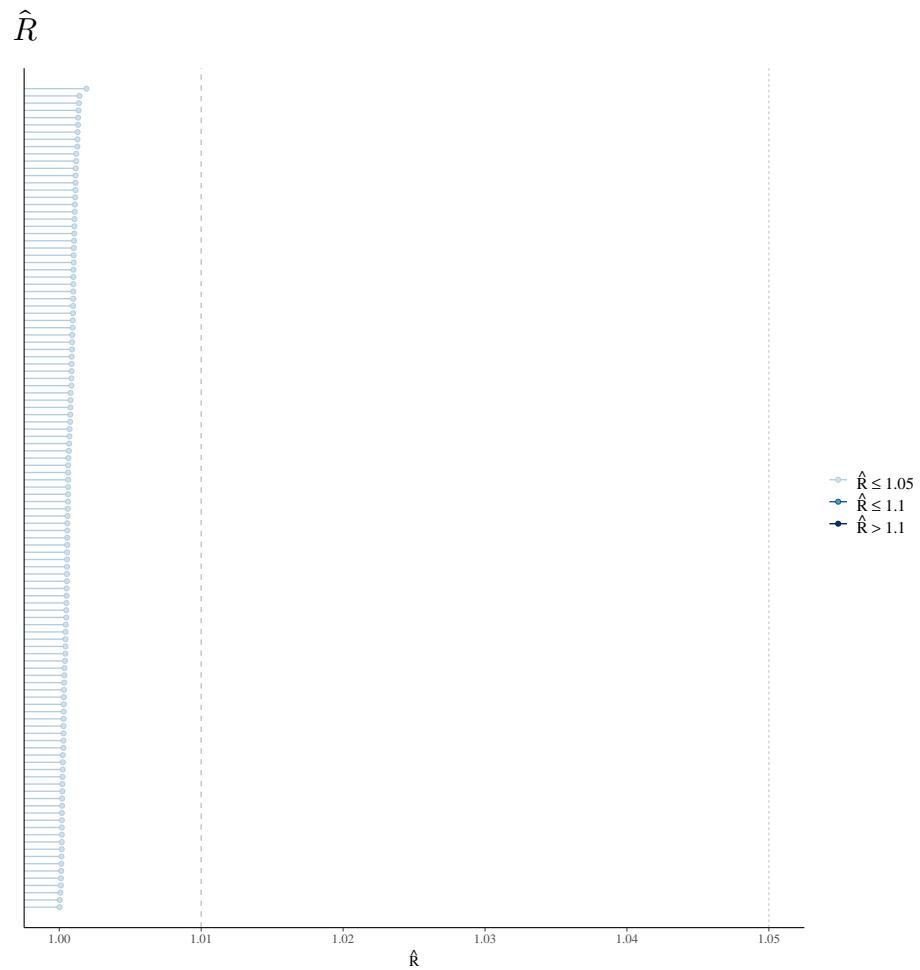


## Diagnostic Plots



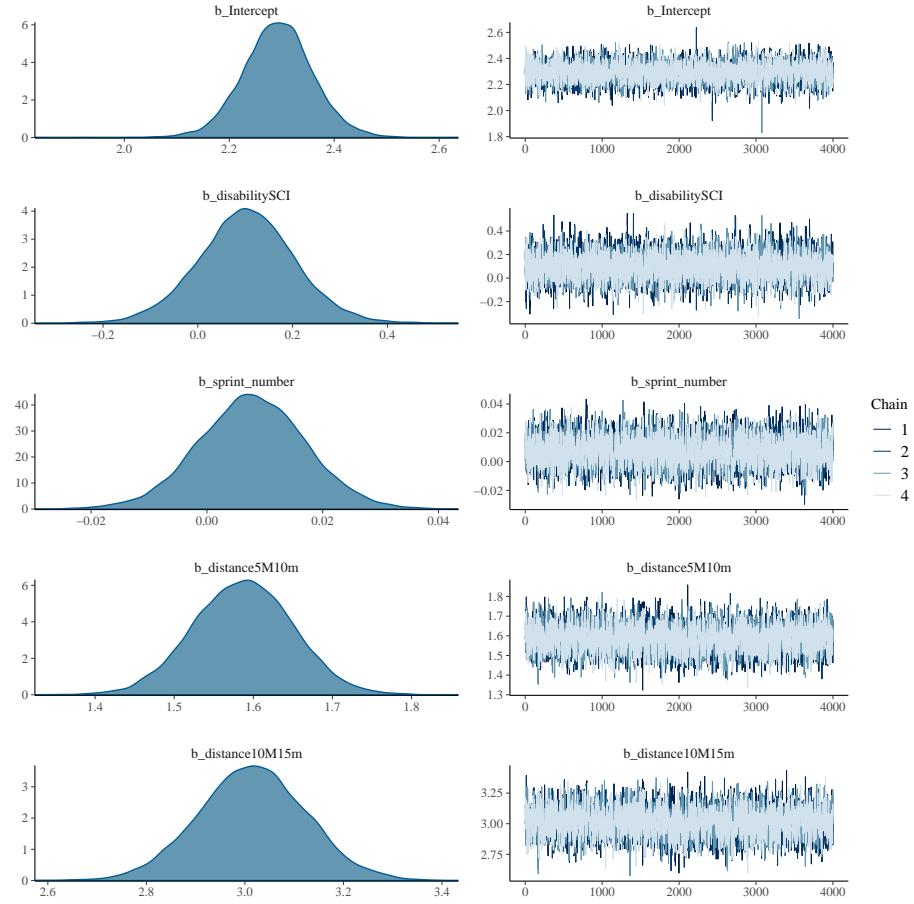
# Repeated Sprint Ability Models

## Disability Models

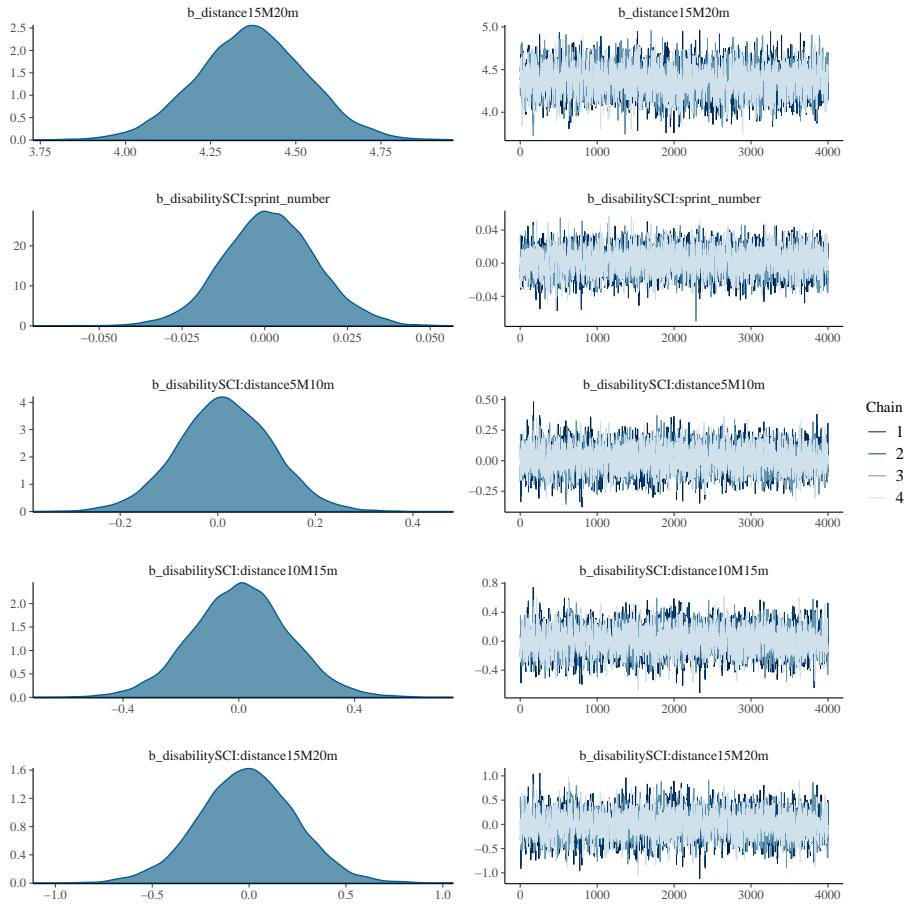


## Trace plots

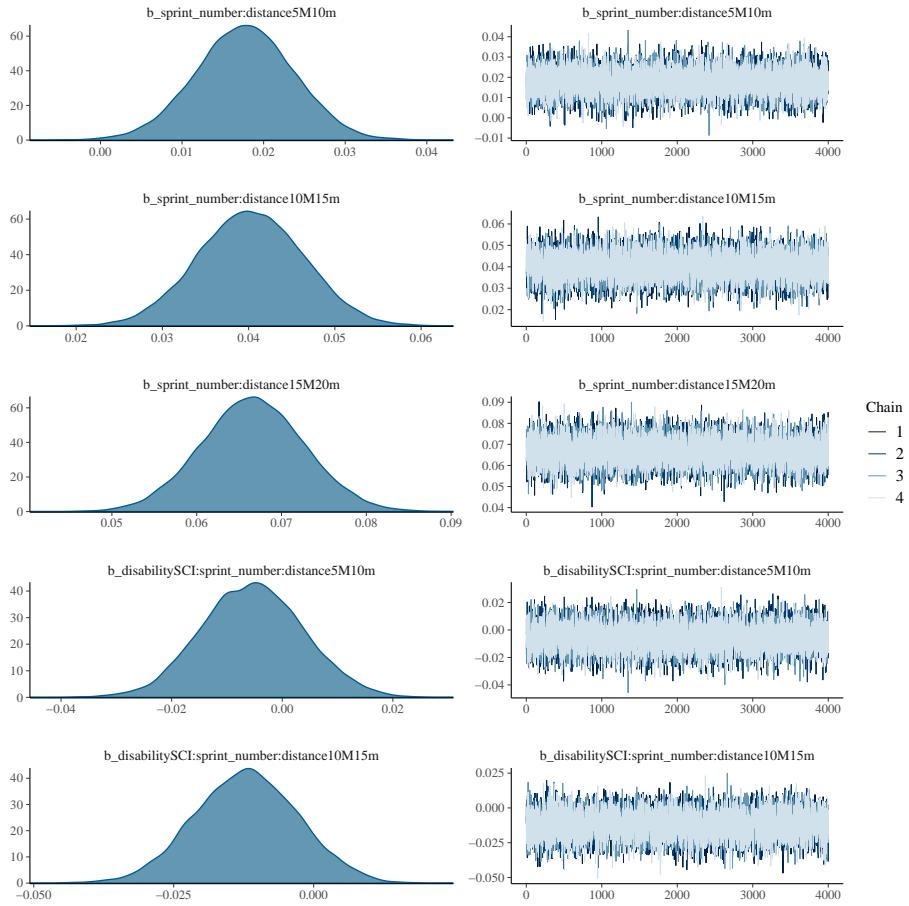
[[1]]



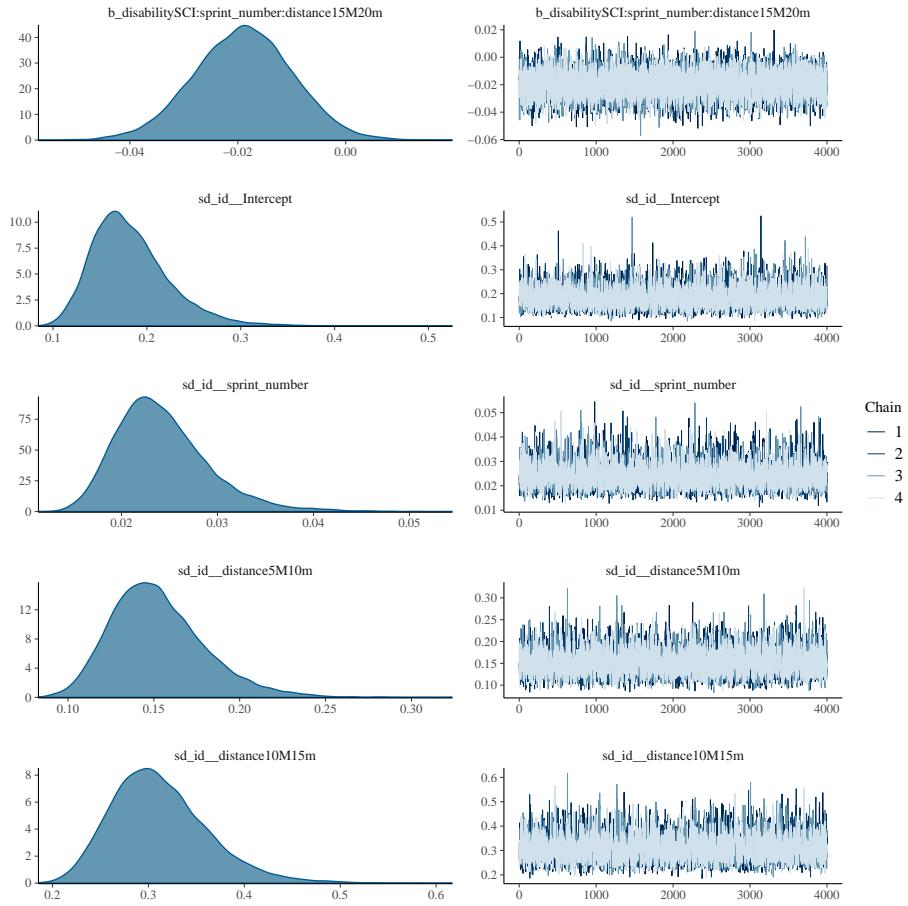
[[2]]



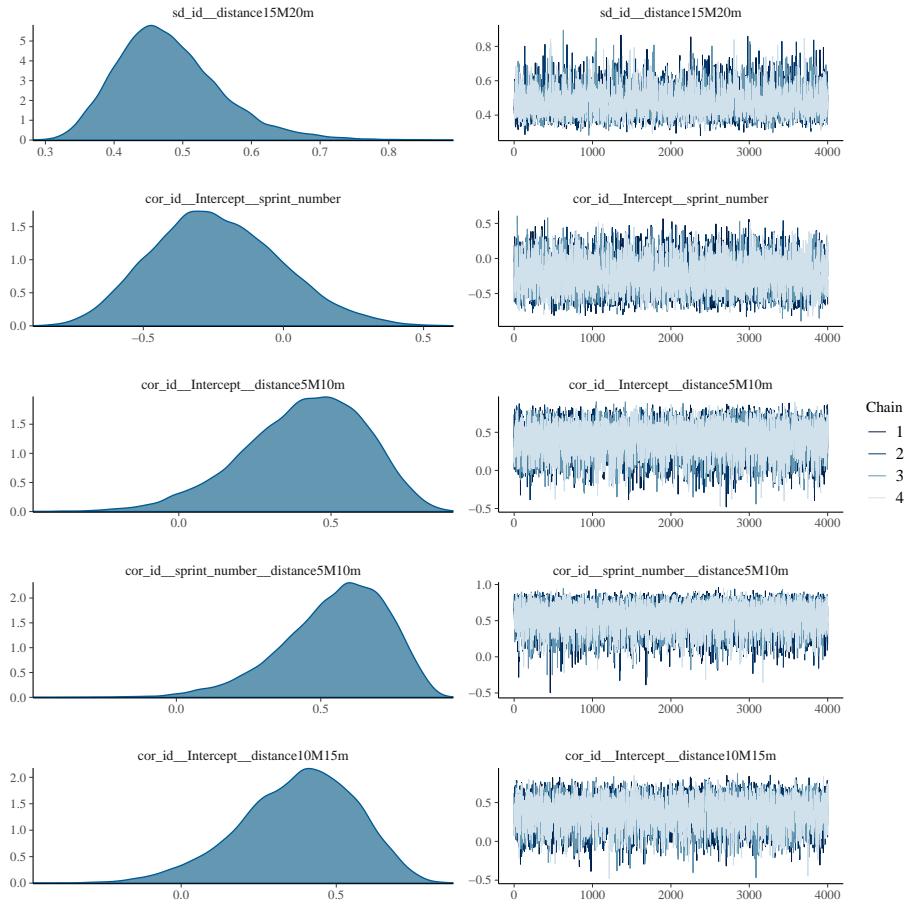
[[3]]



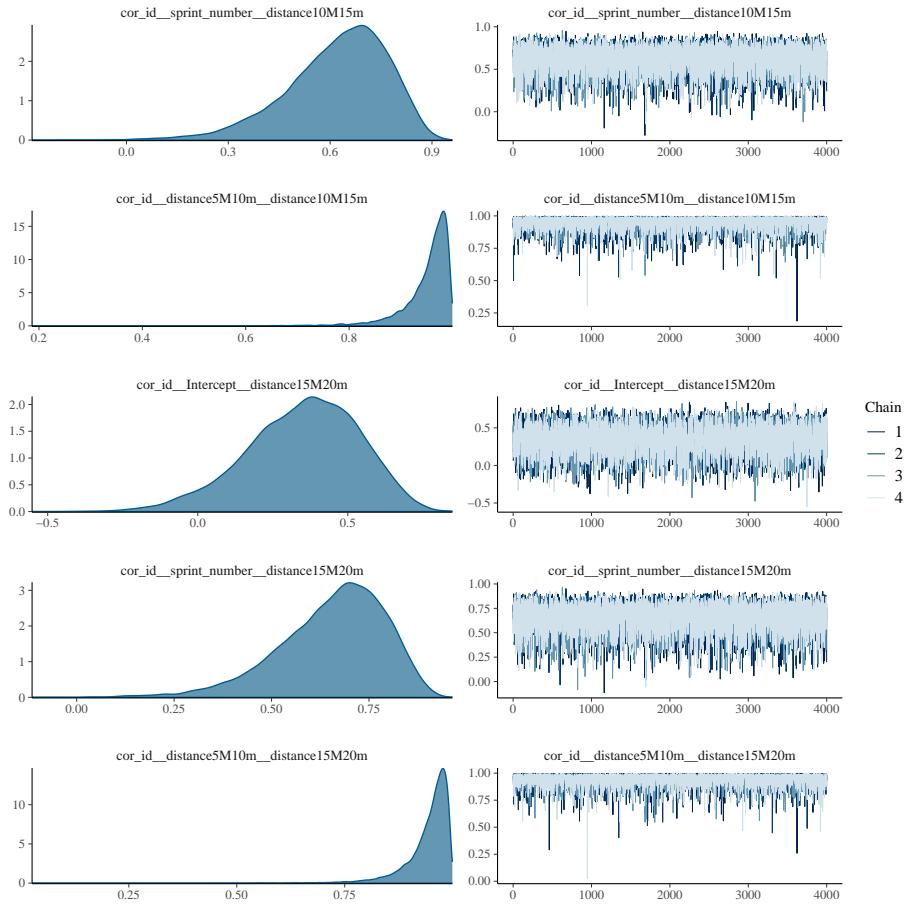
[[4]]



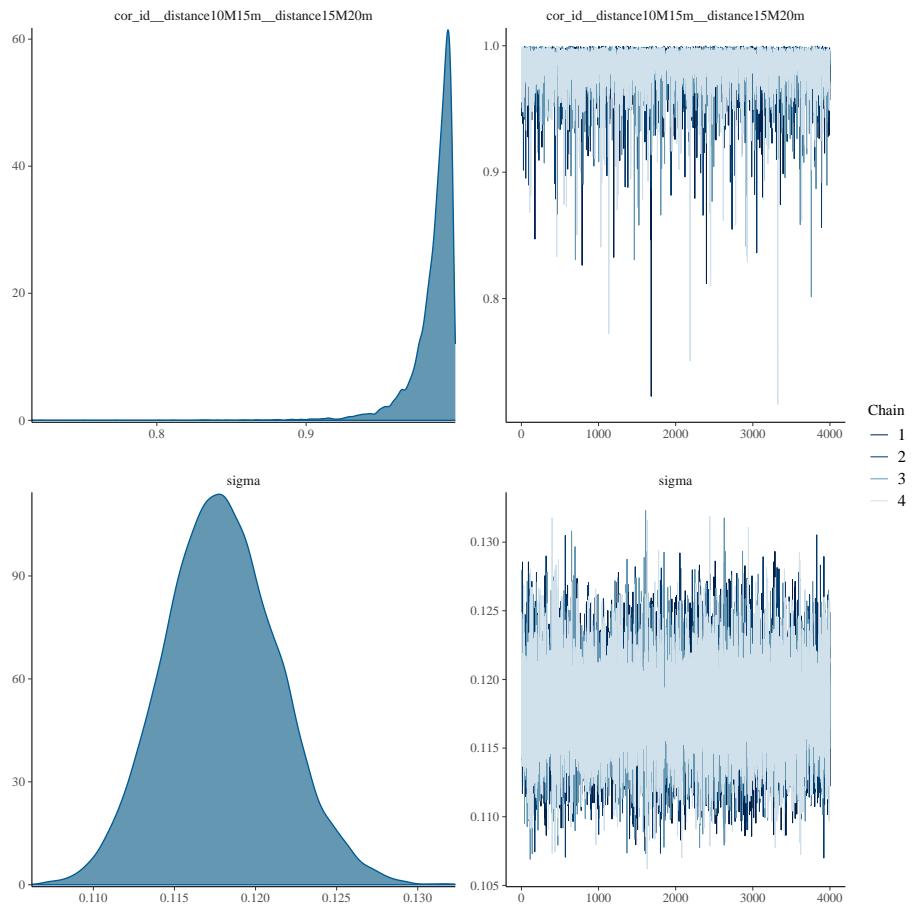
[[5]]



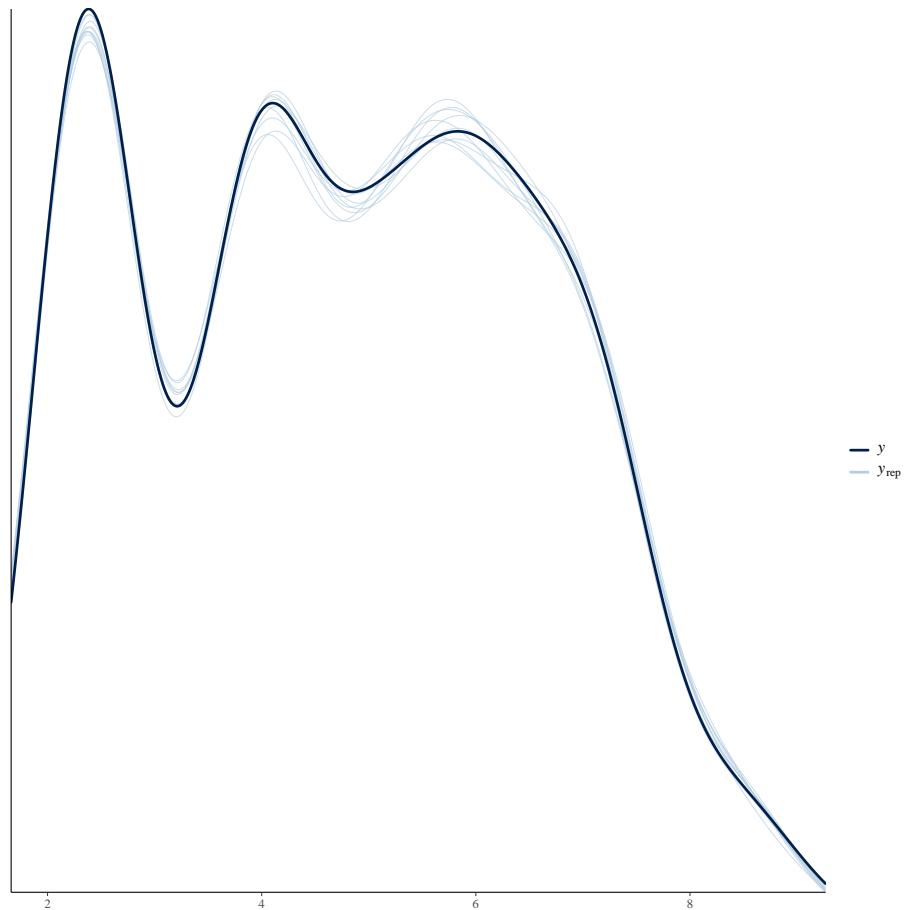
[[6]]



[[7]]

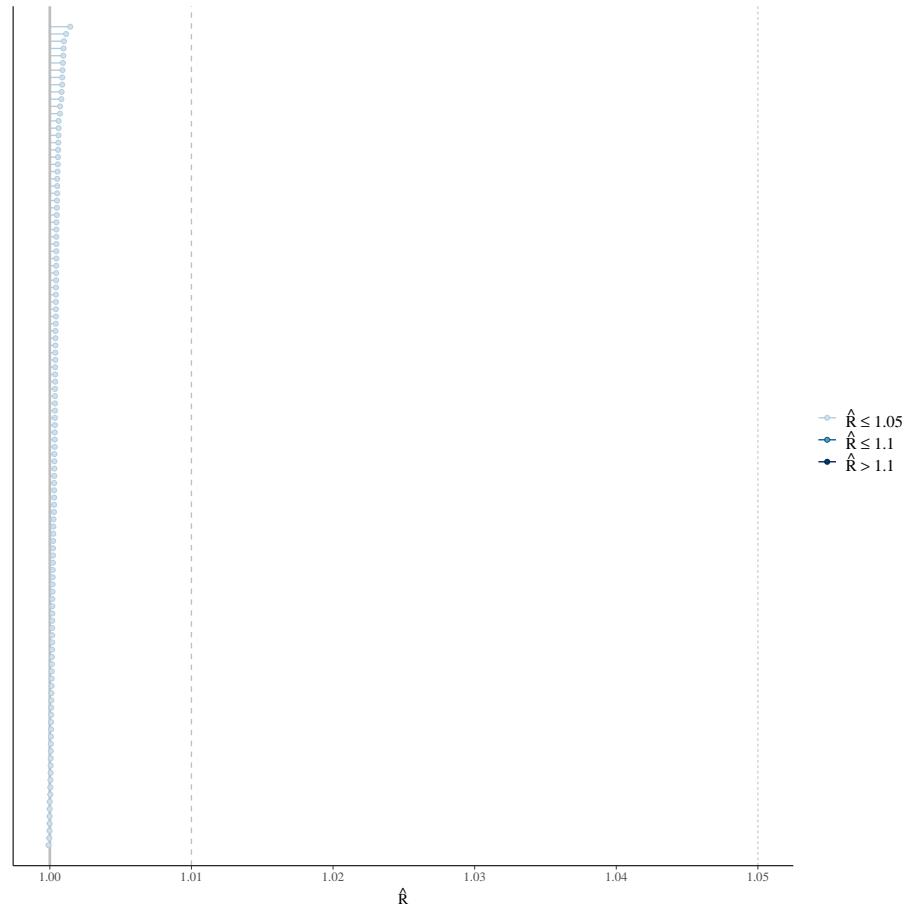


## Posterior predictive check



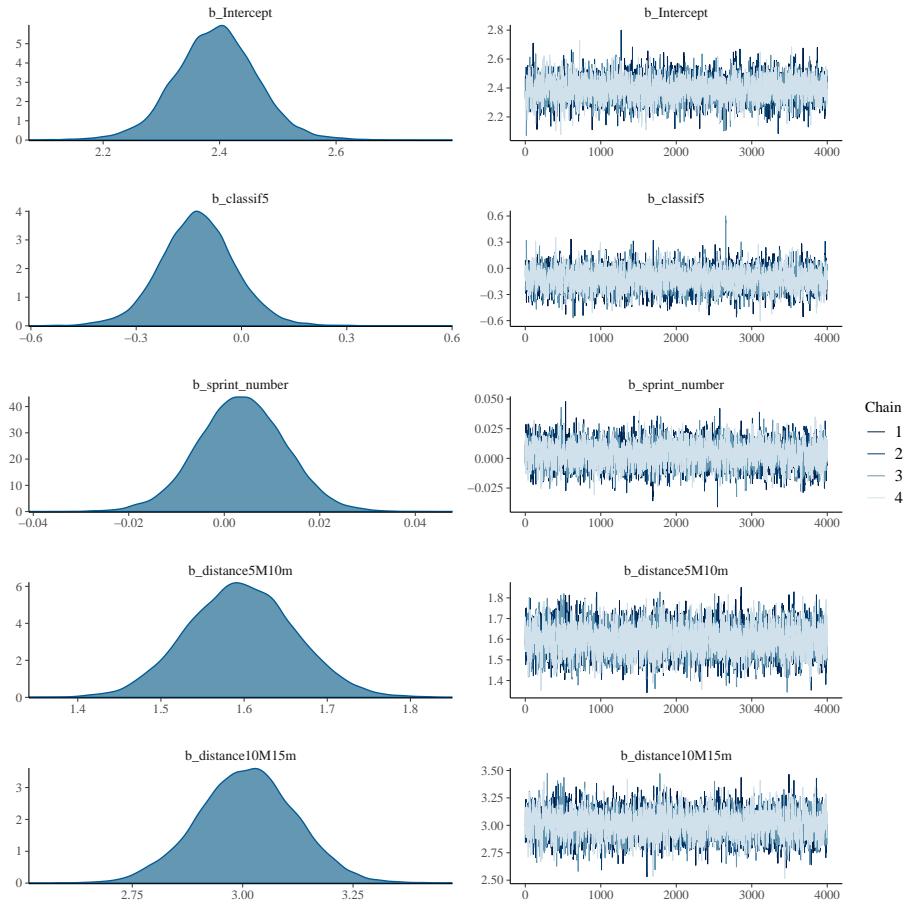
## Classification Models

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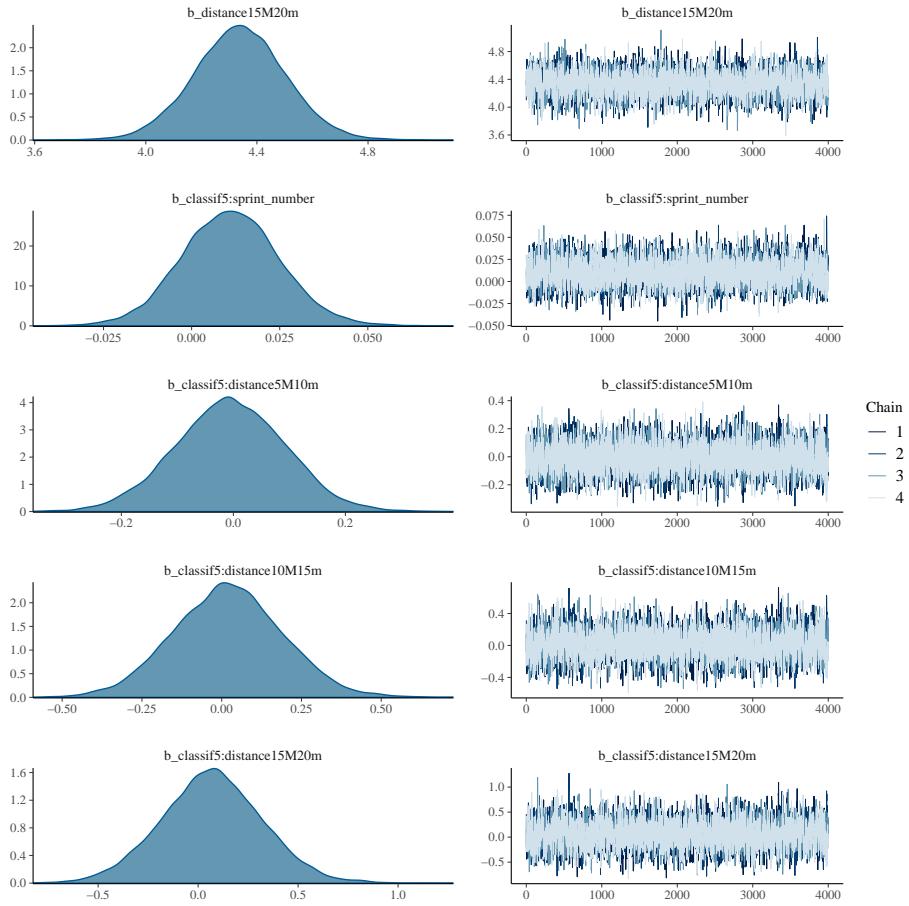


## Trace plots

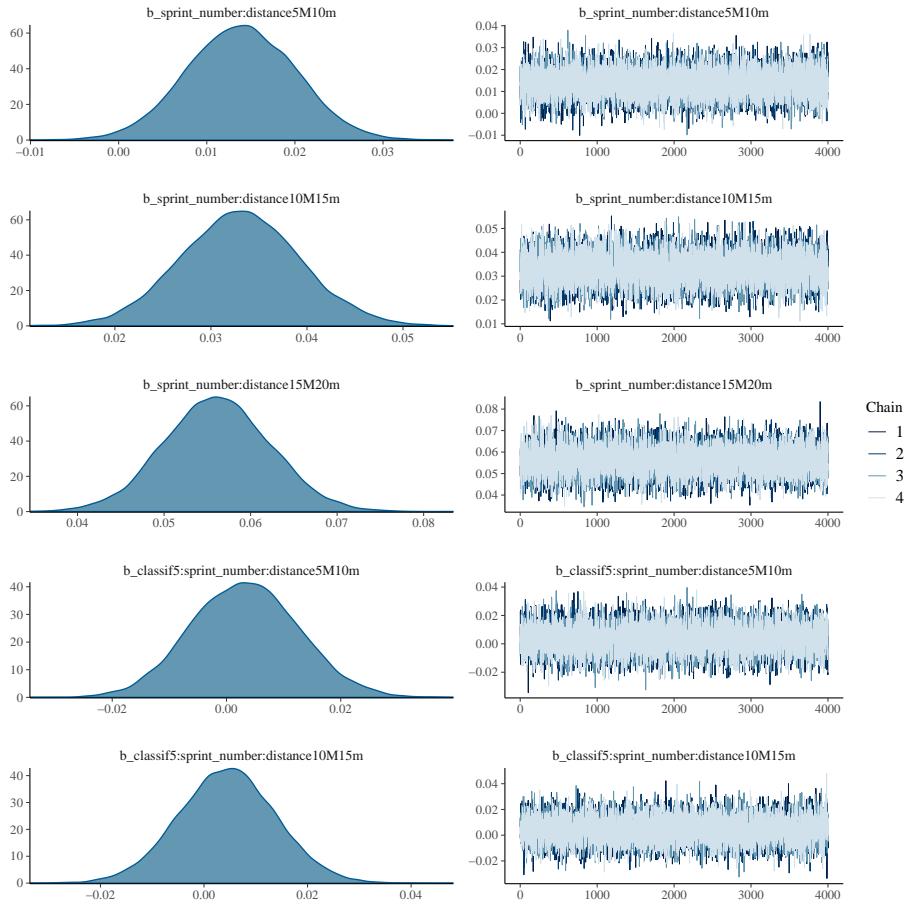
[[1]]



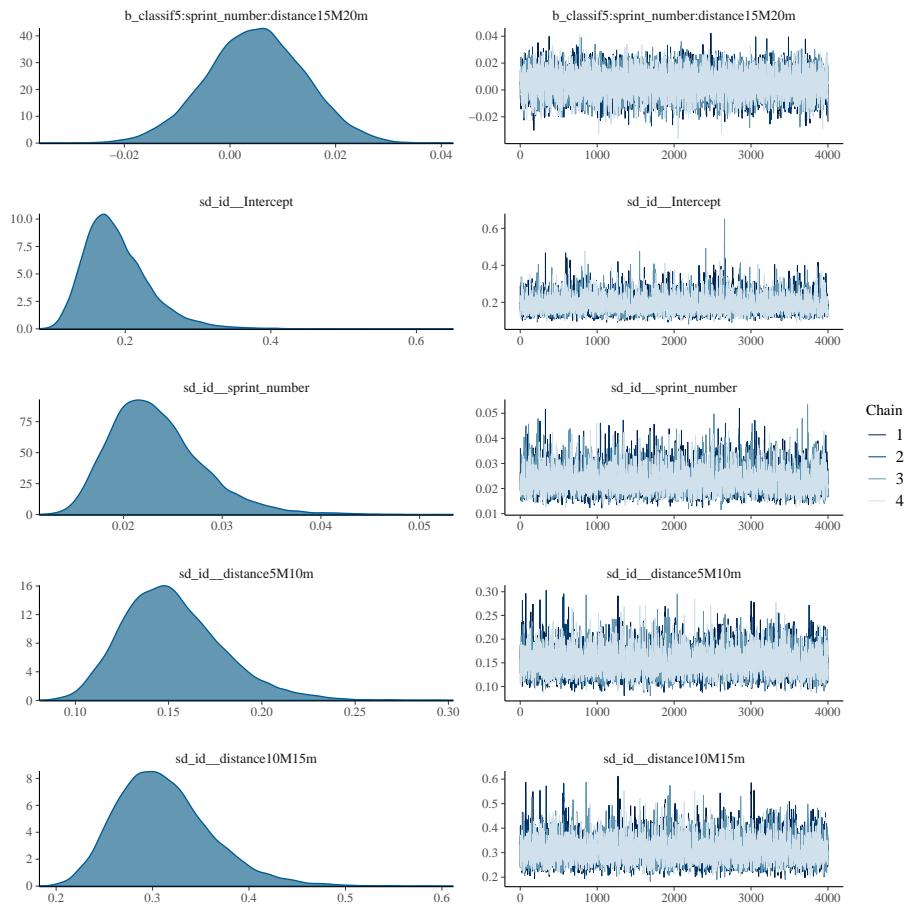
[[2]]



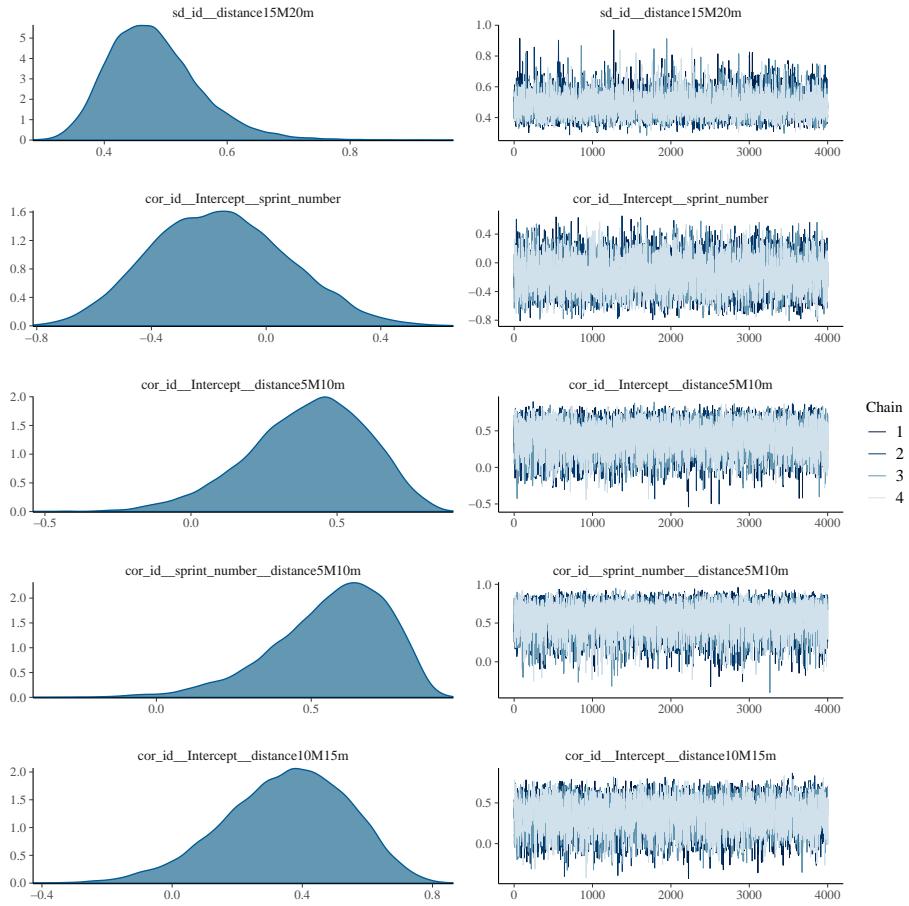
[[3]]



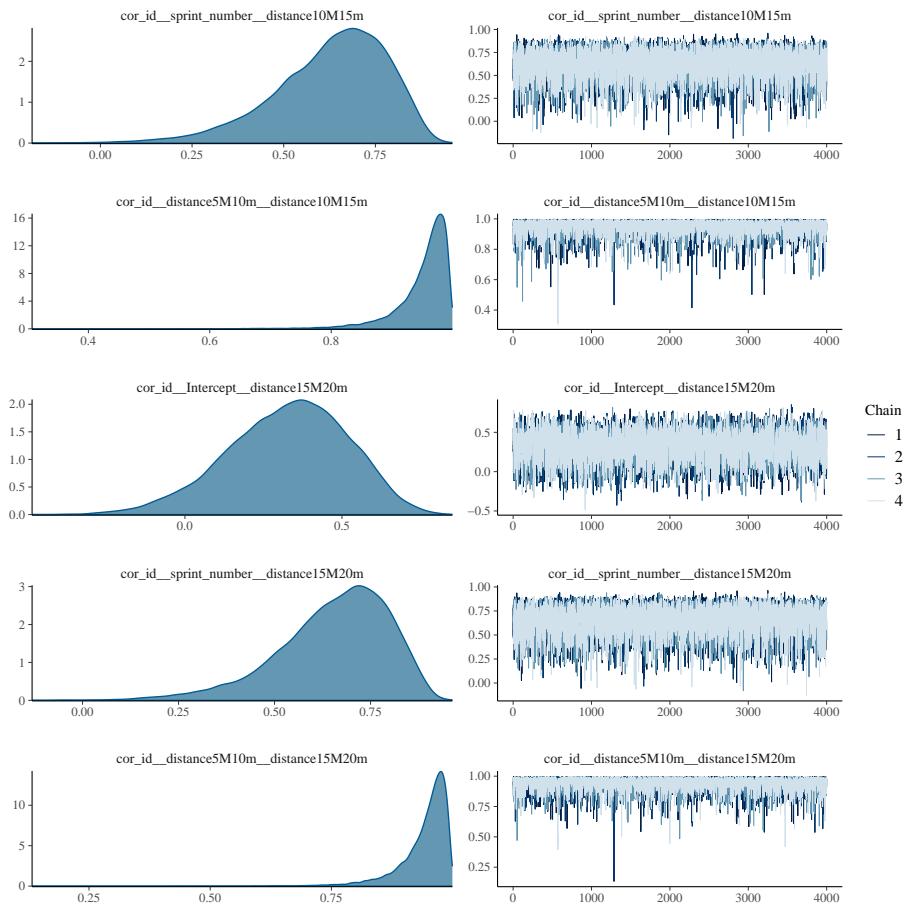
[[4]]



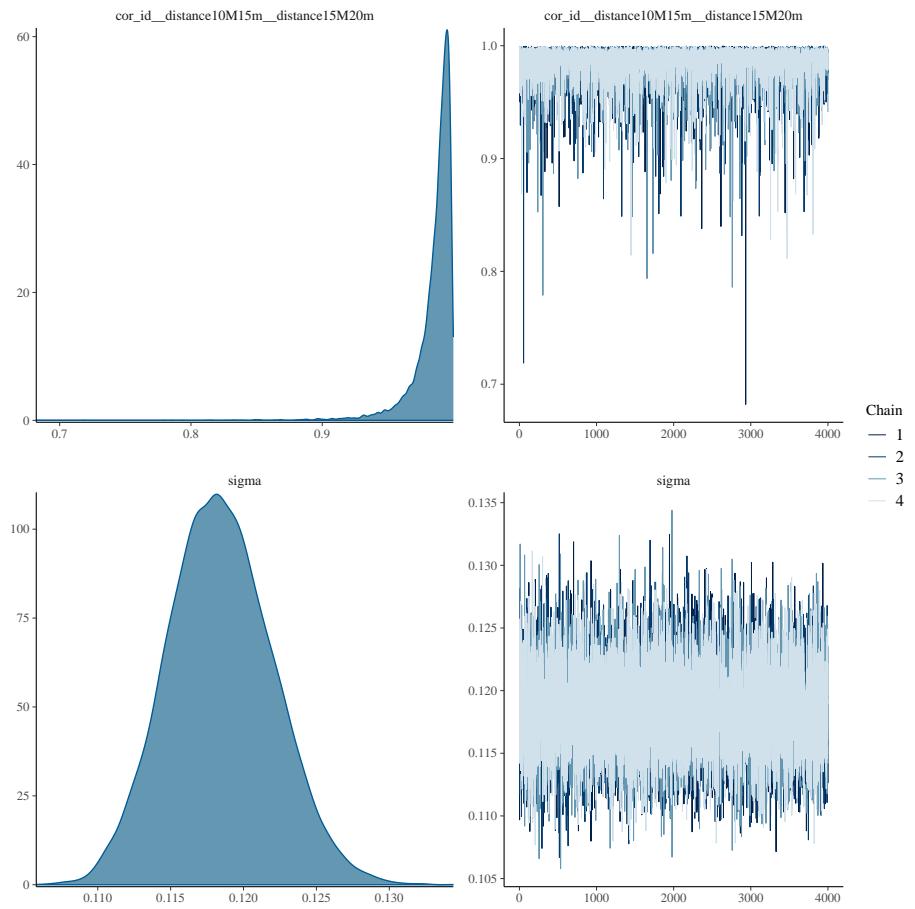
[[5]]



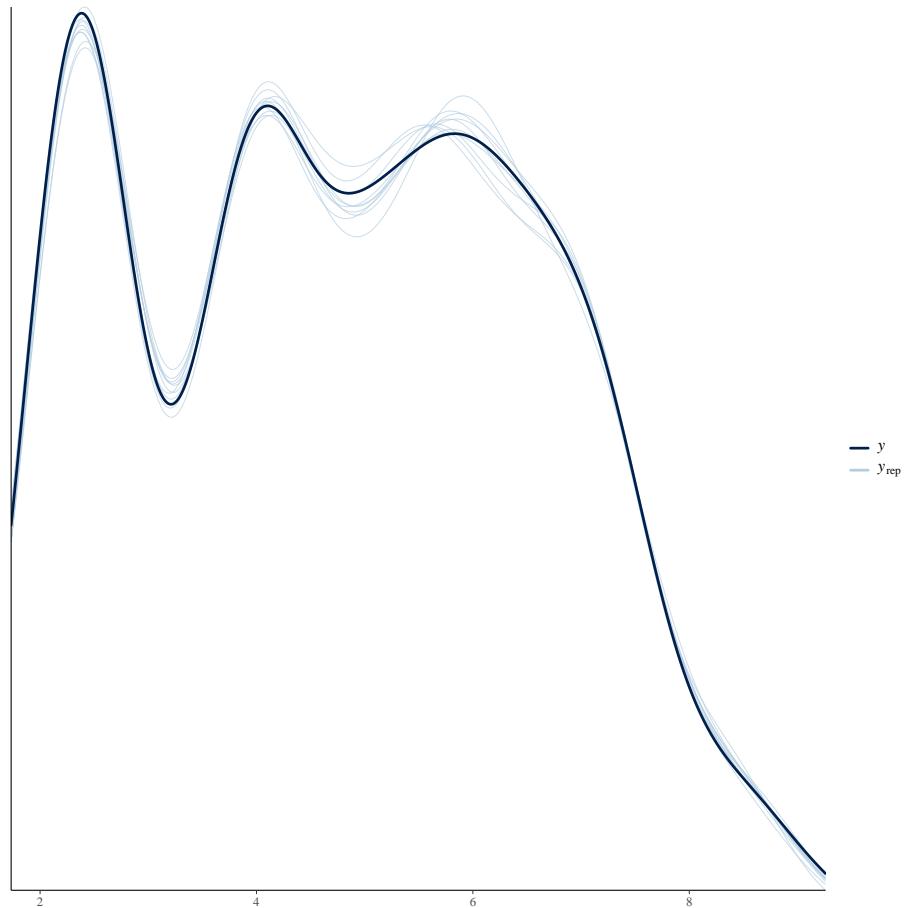
[[6]]



[[7]]

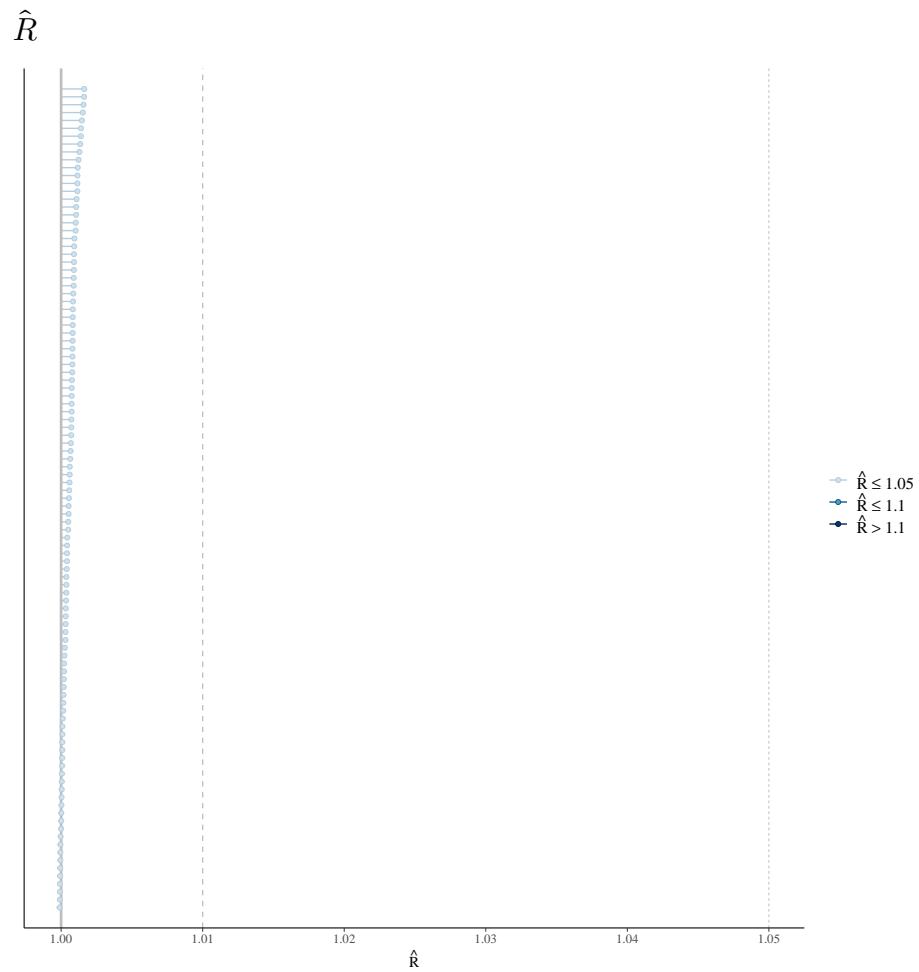


## Posterior predictive check



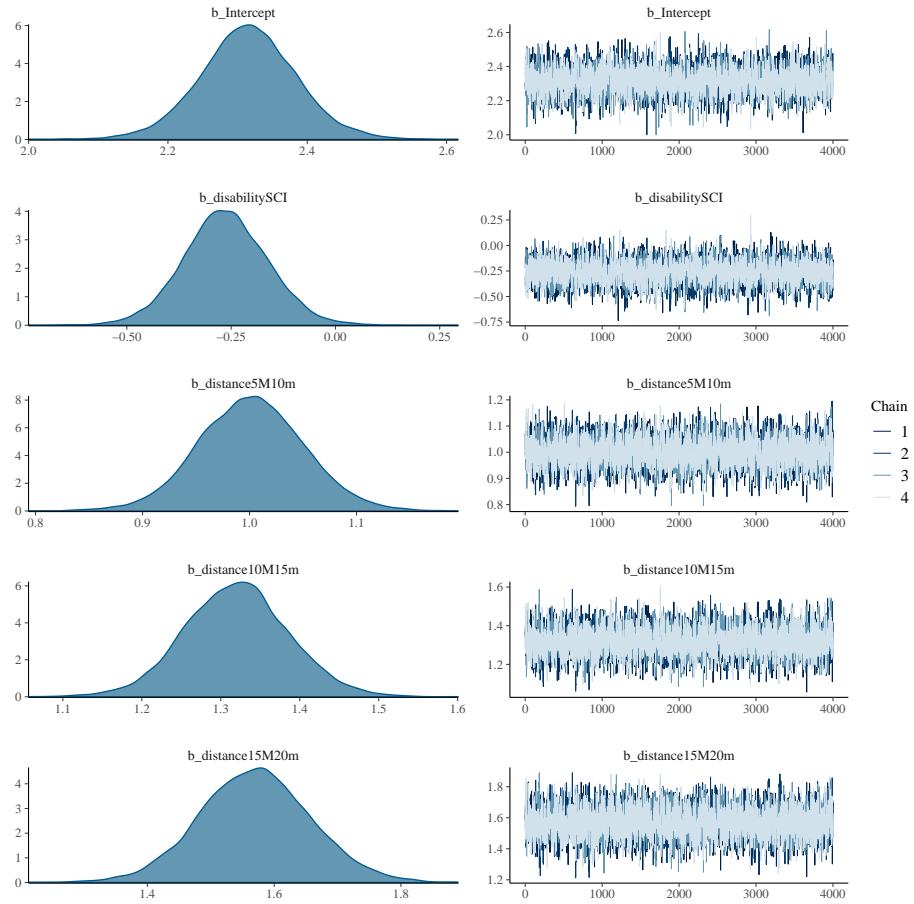
# Sprint Velocity Models

## Disability Models

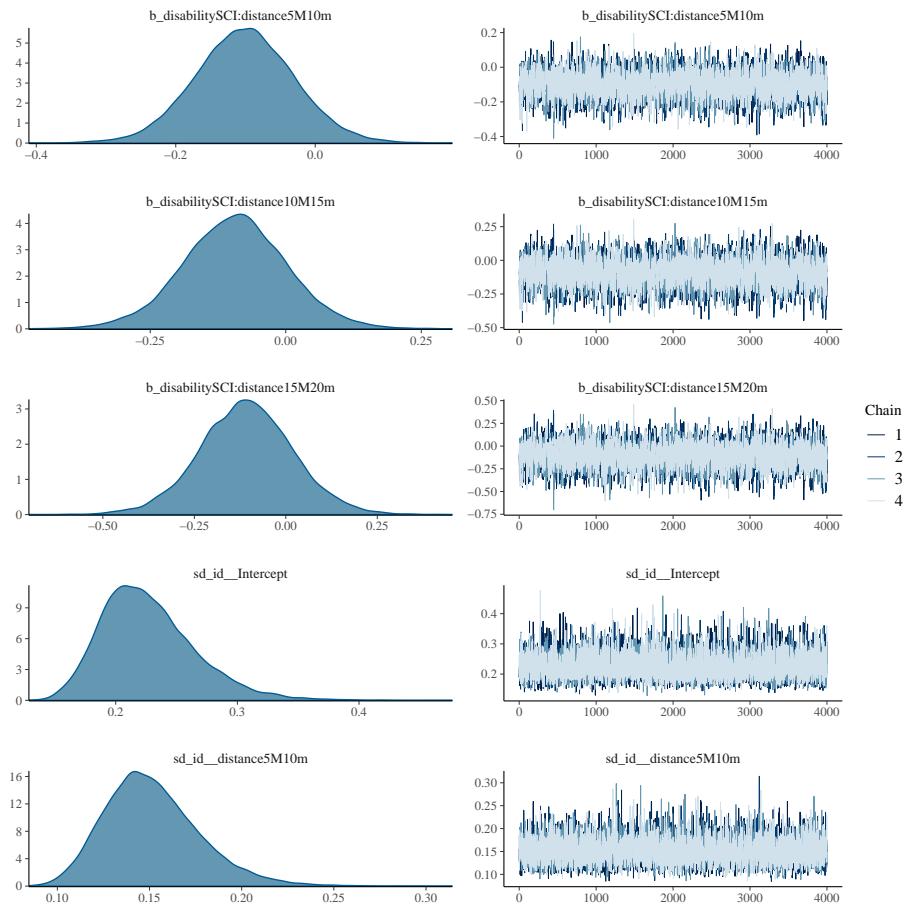


## Trace plots

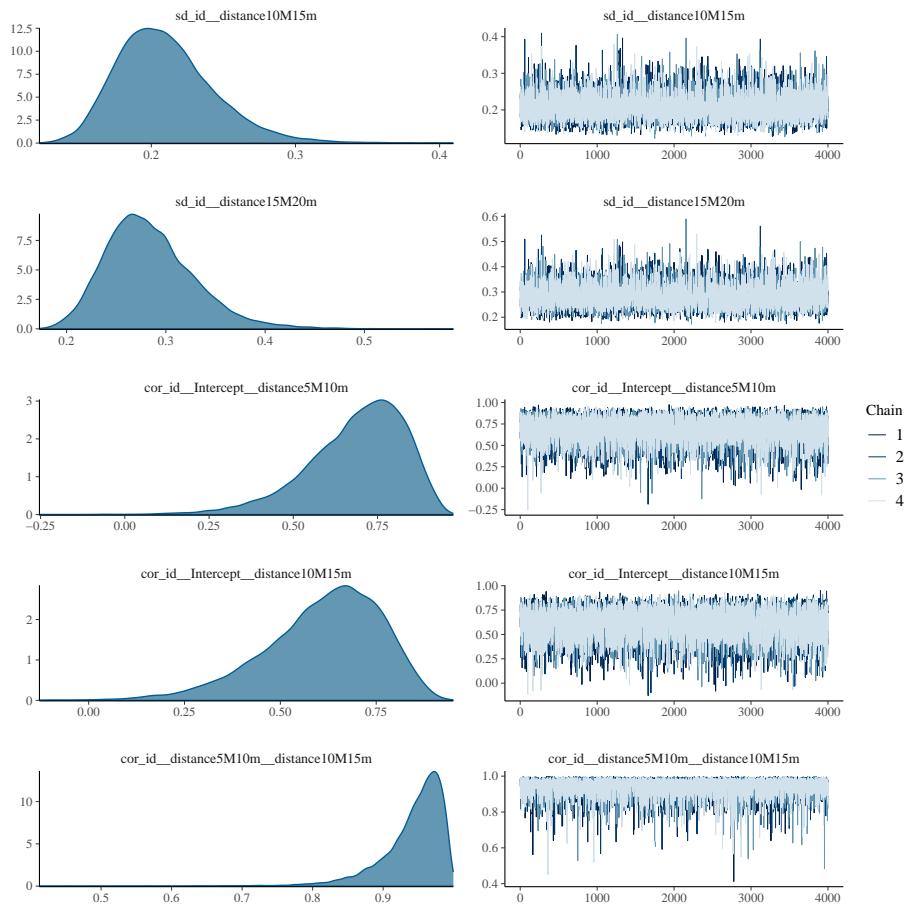
[[1]]



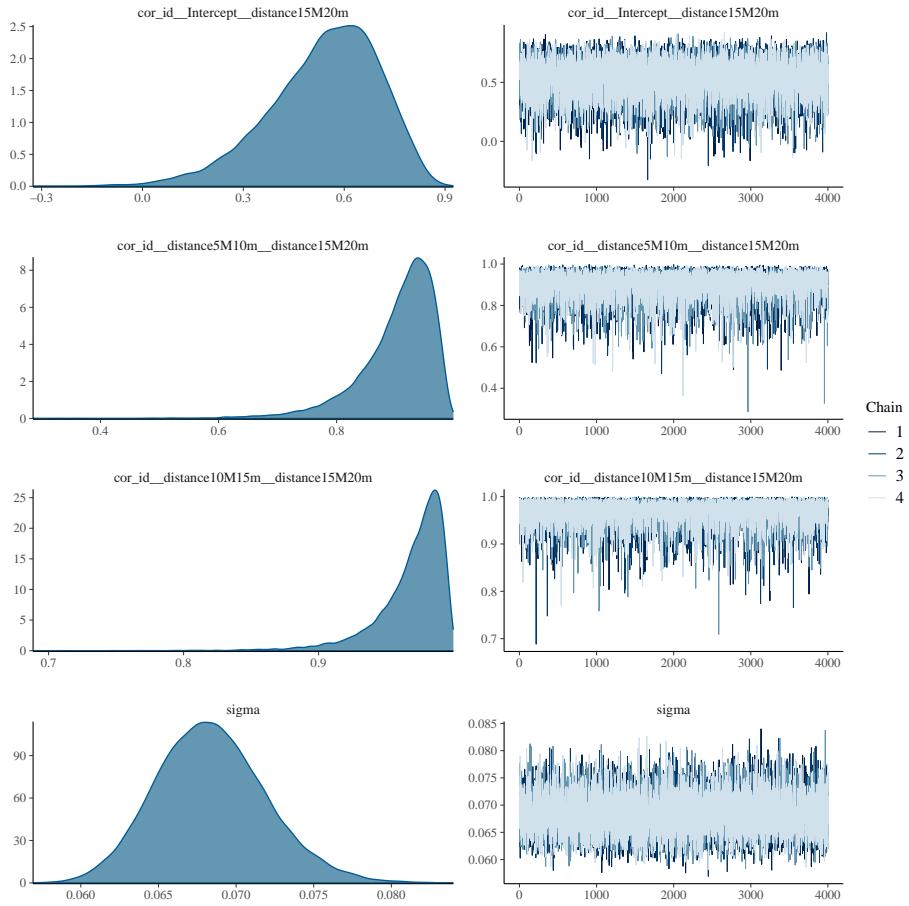
[[2]]



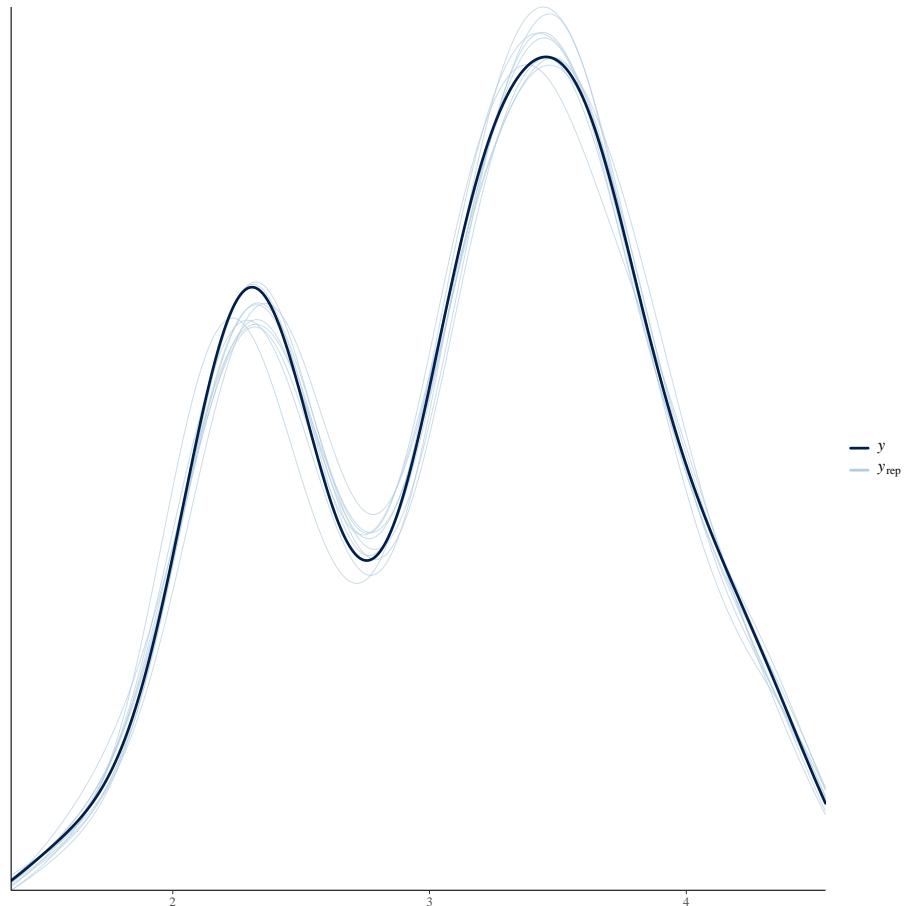
[[3]]



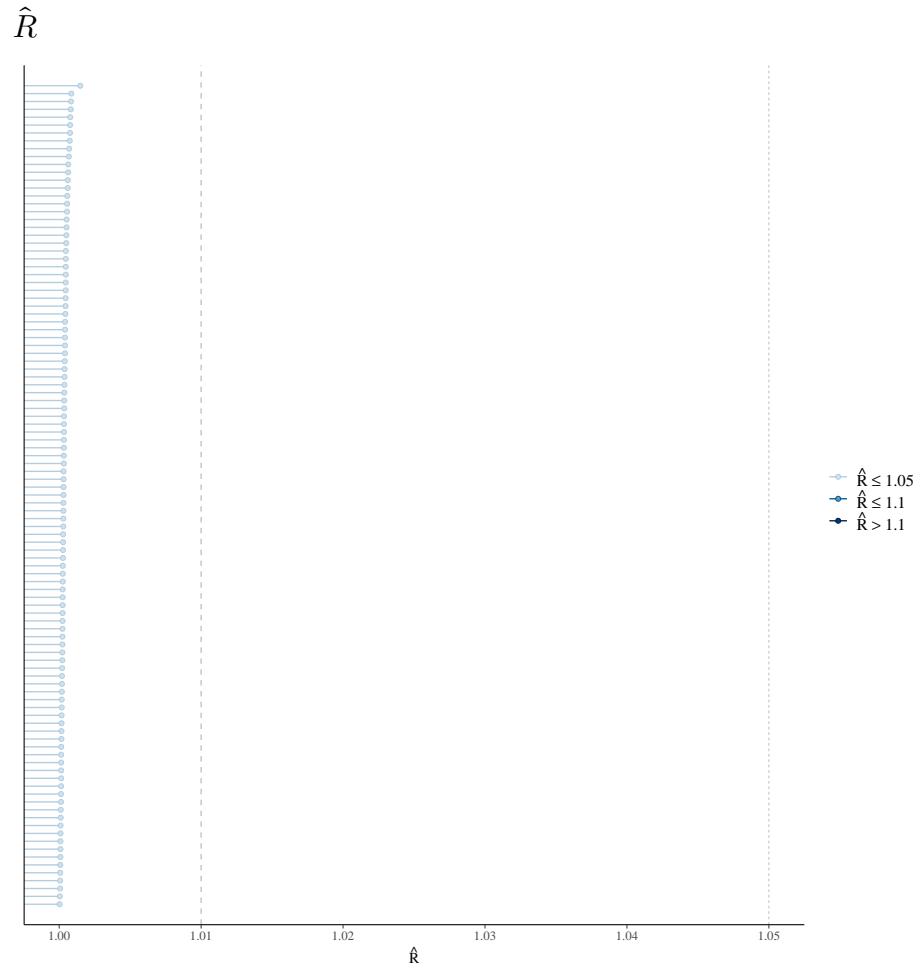
[[4]]



## Posterior predictive check

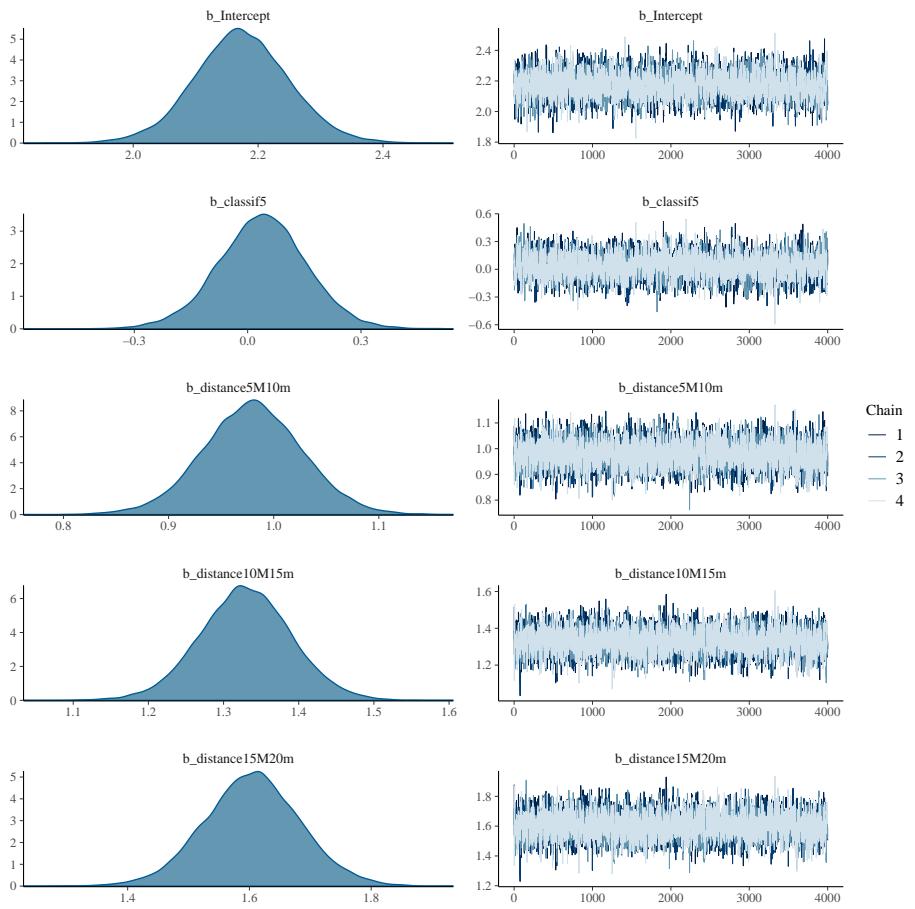


## Classification Models

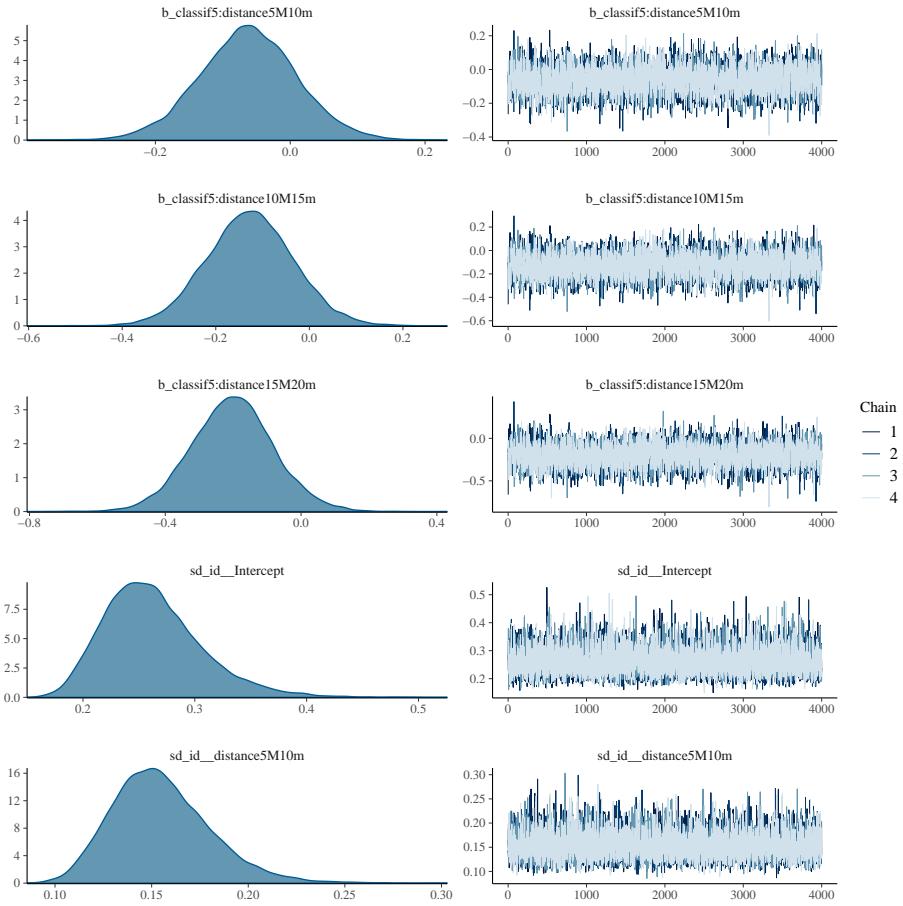


## Trace plots

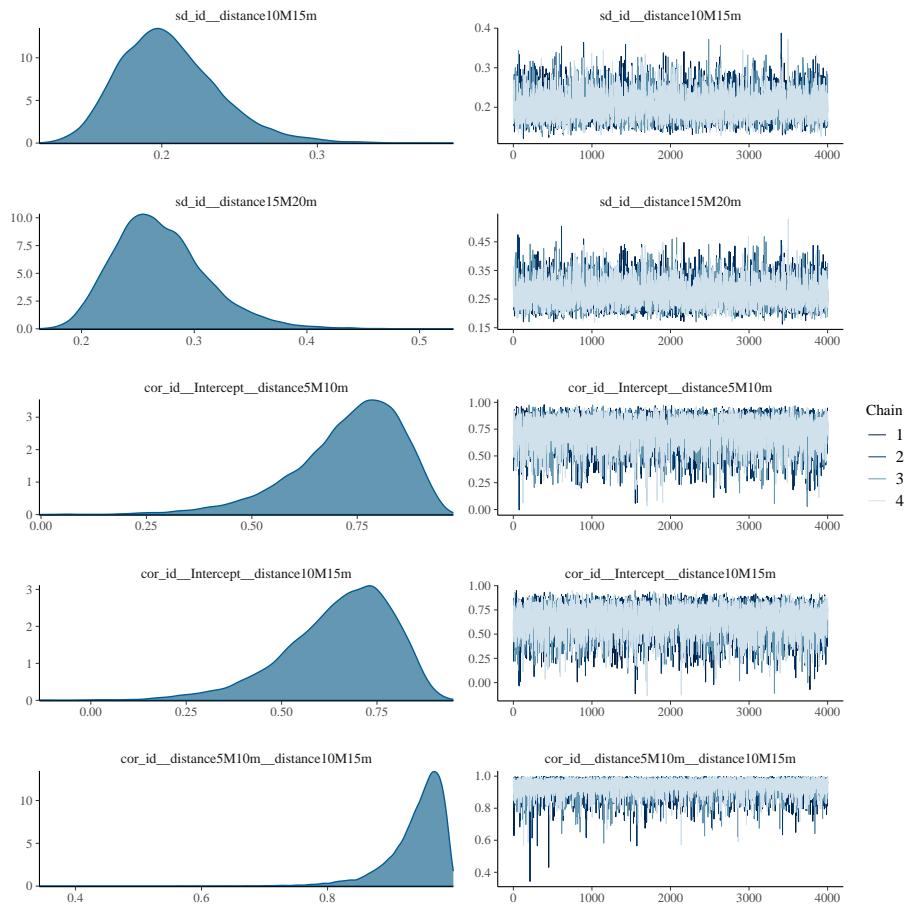
[[1]]



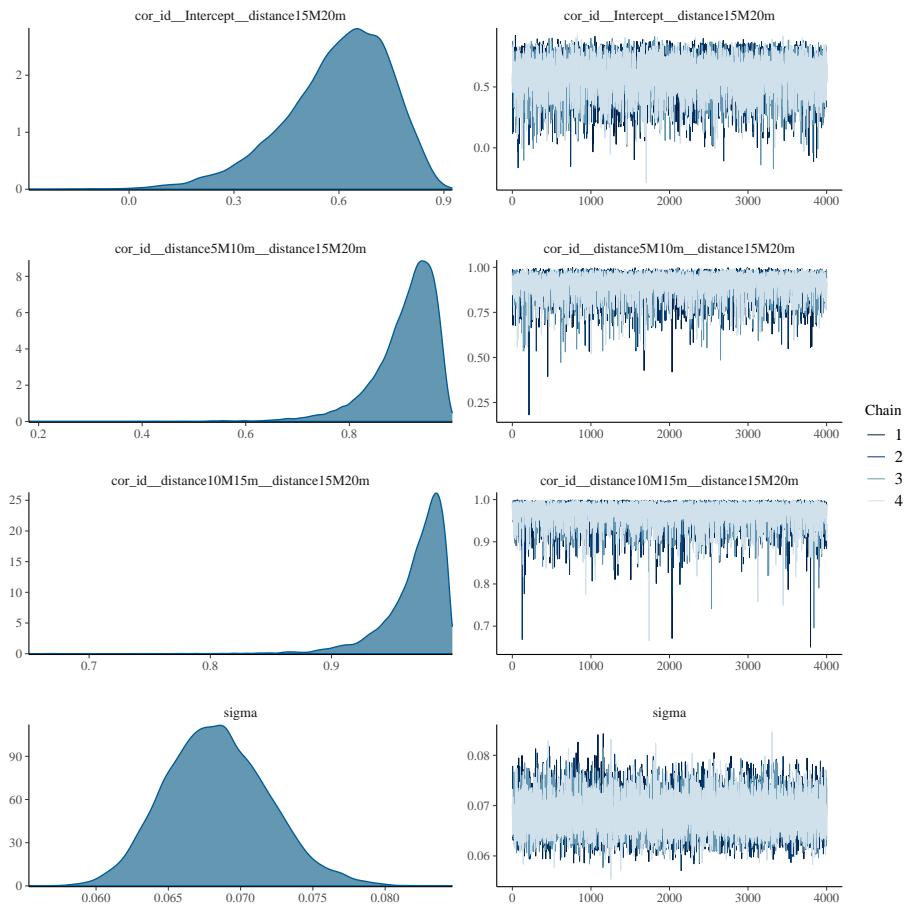
[[2]]



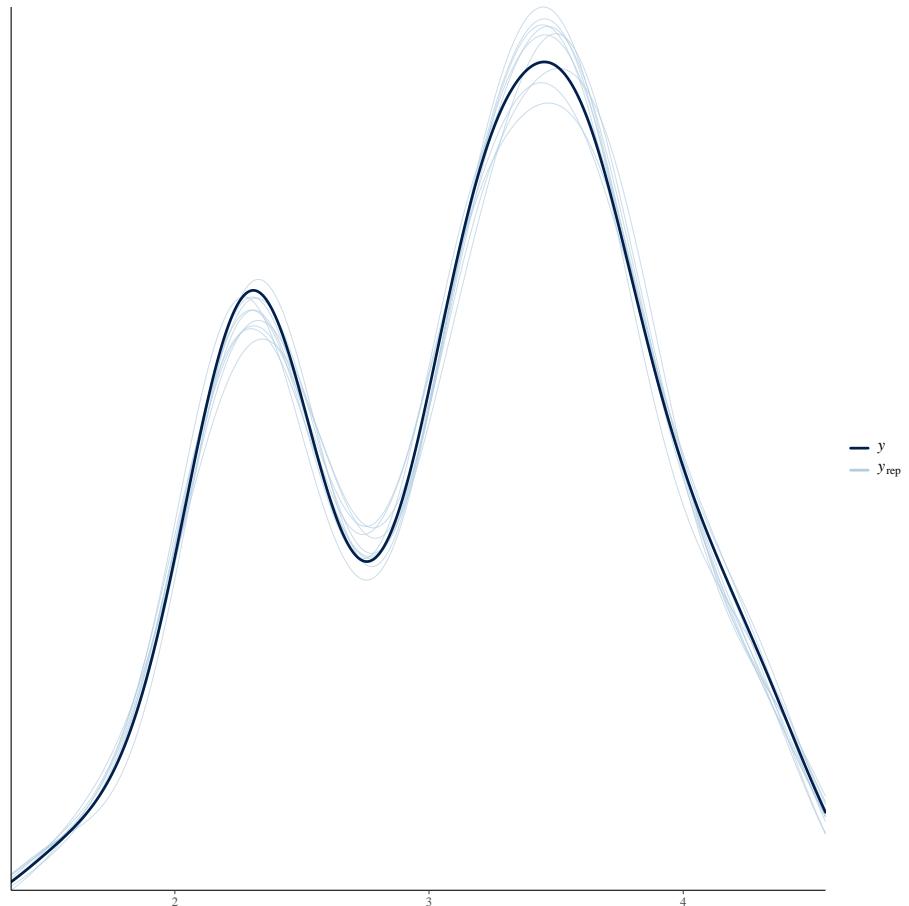
[[3]]



[[4]]

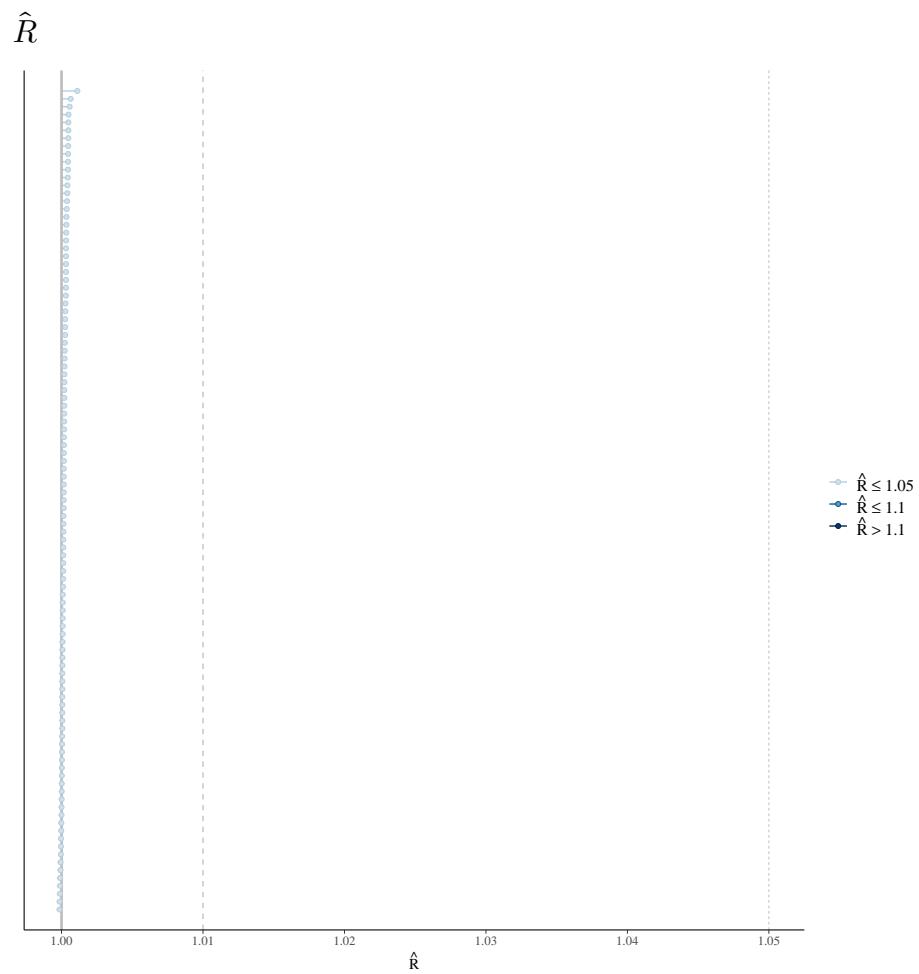


## Posterior predictive check



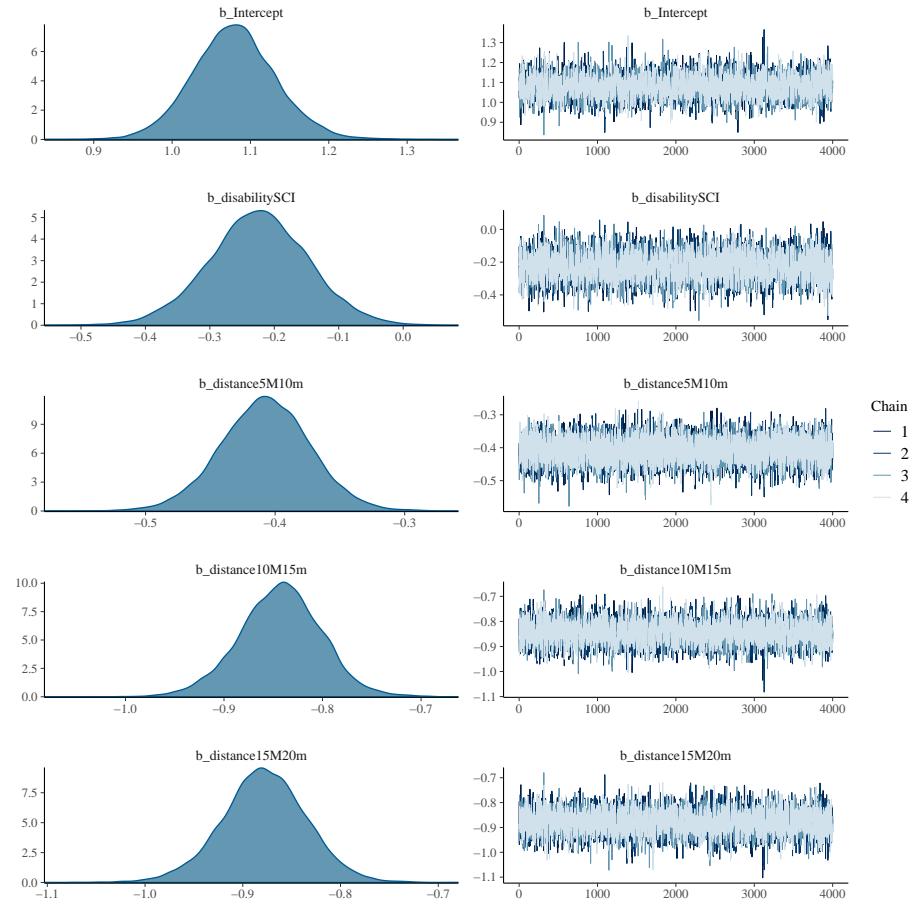
# Sprint Acceleration Models

## Disability Models

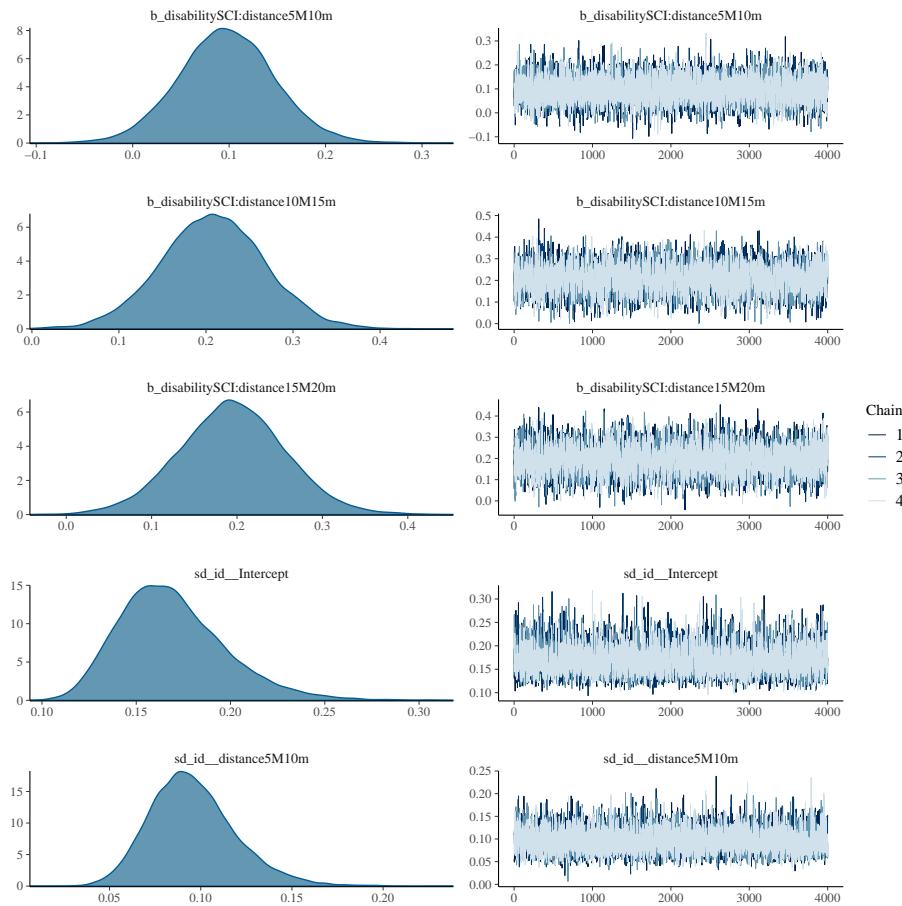


## Trace plots

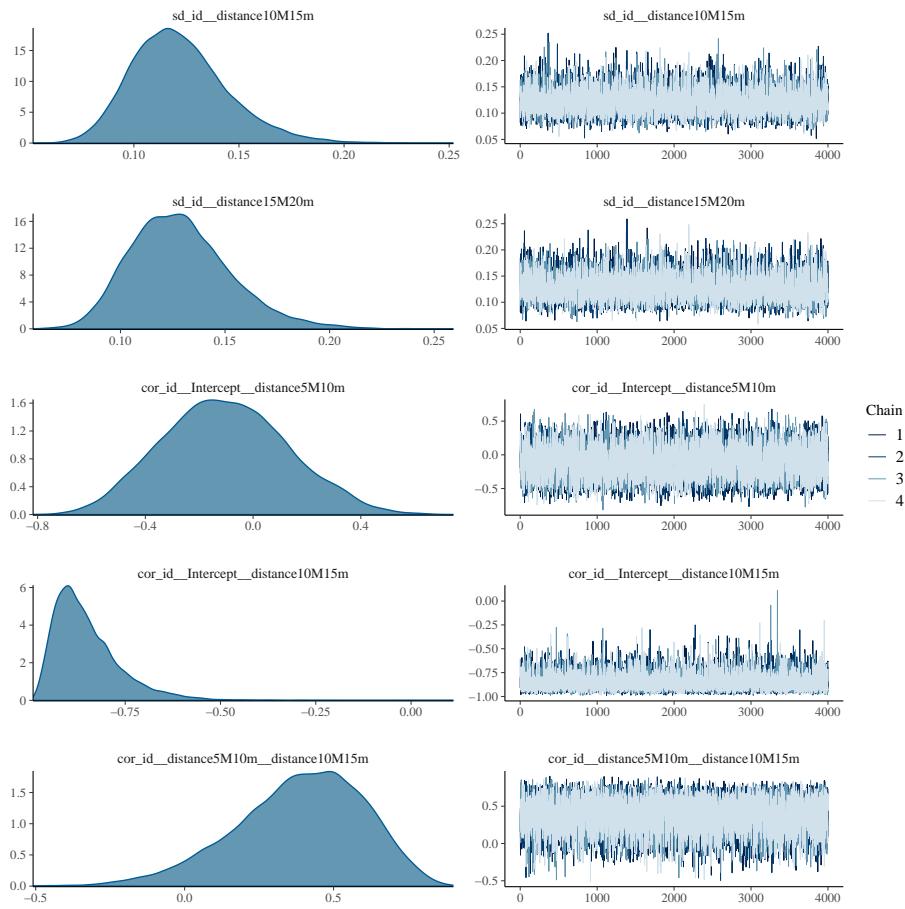
[[1]]



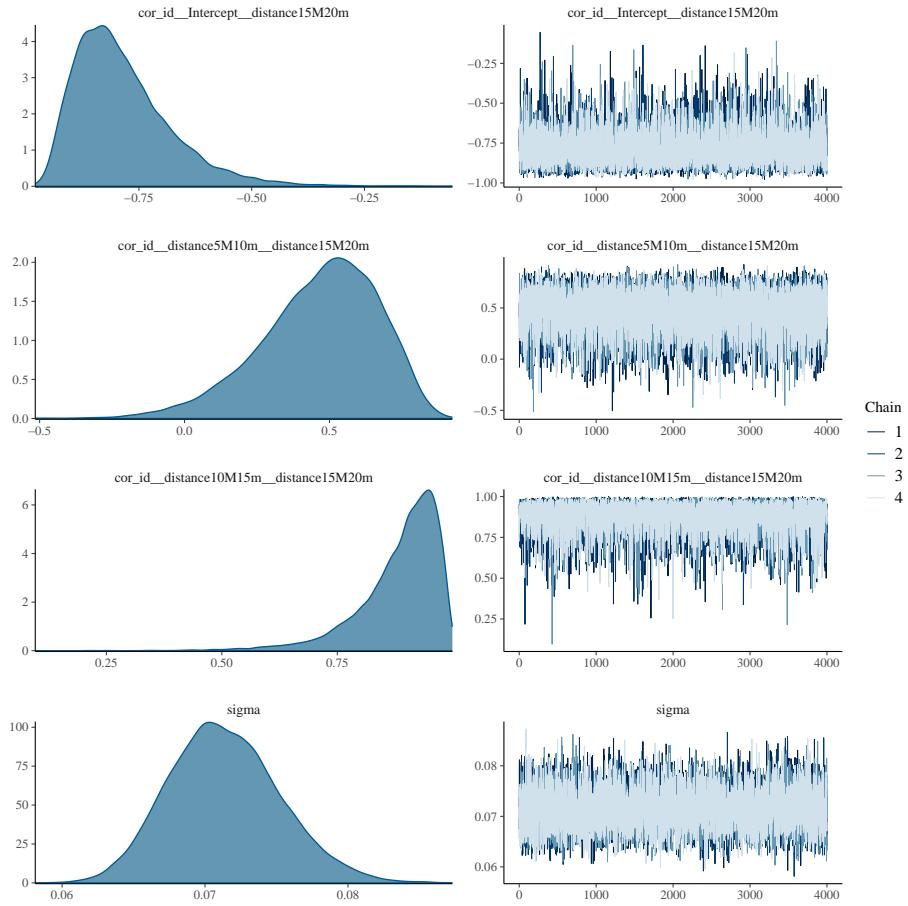
[[2]]



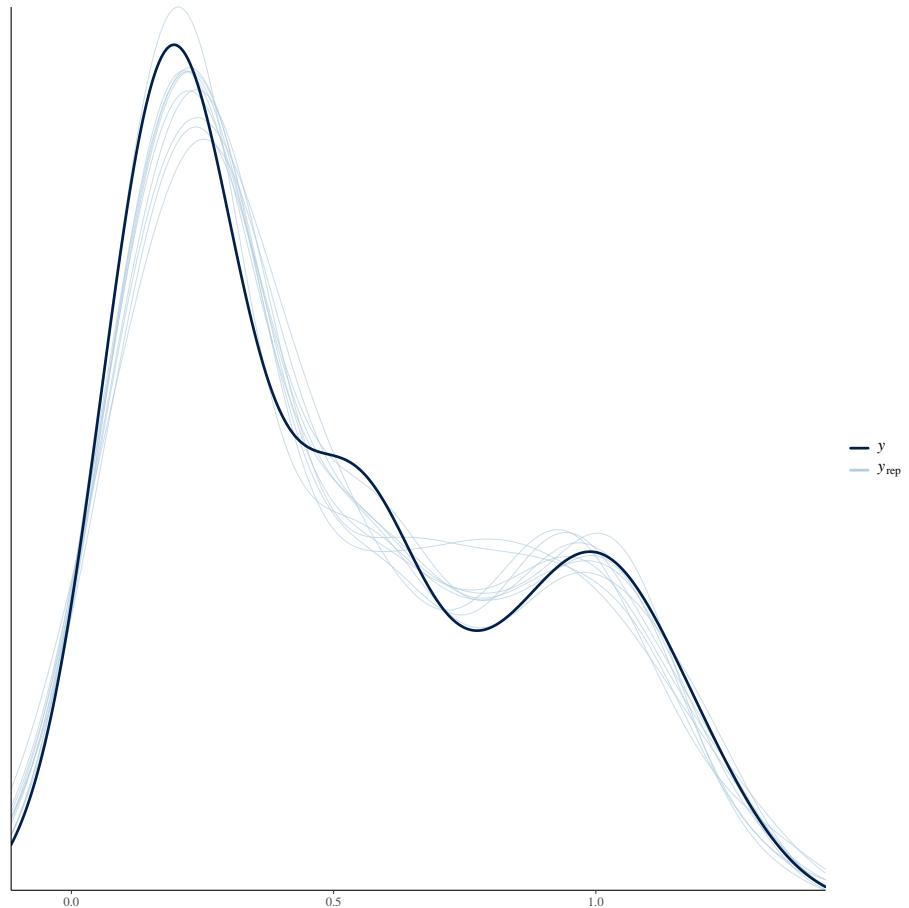
[[3]]



[[4]]

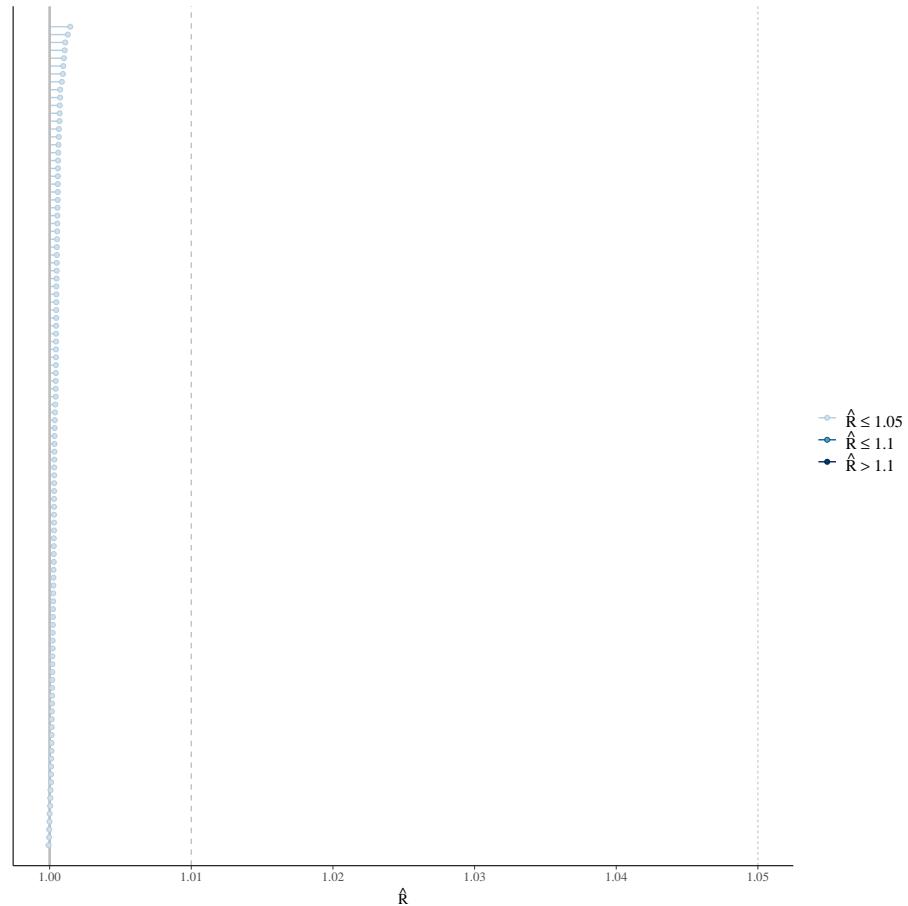


## Posterior predictive check



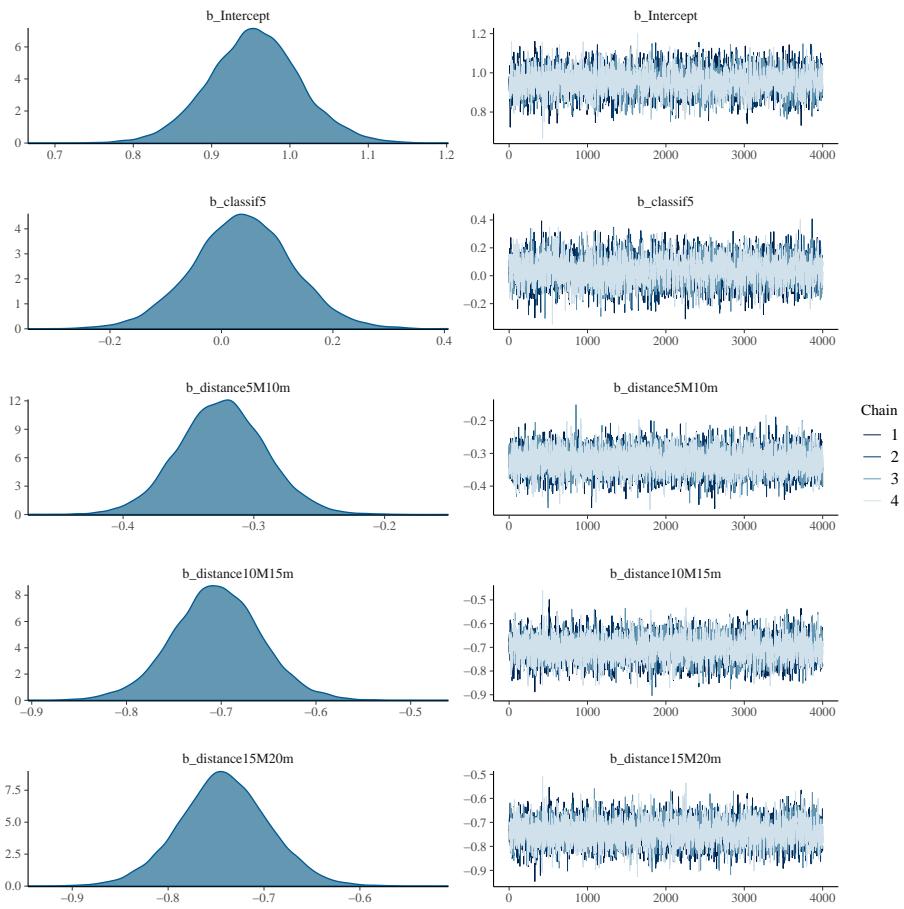
## Classification Models

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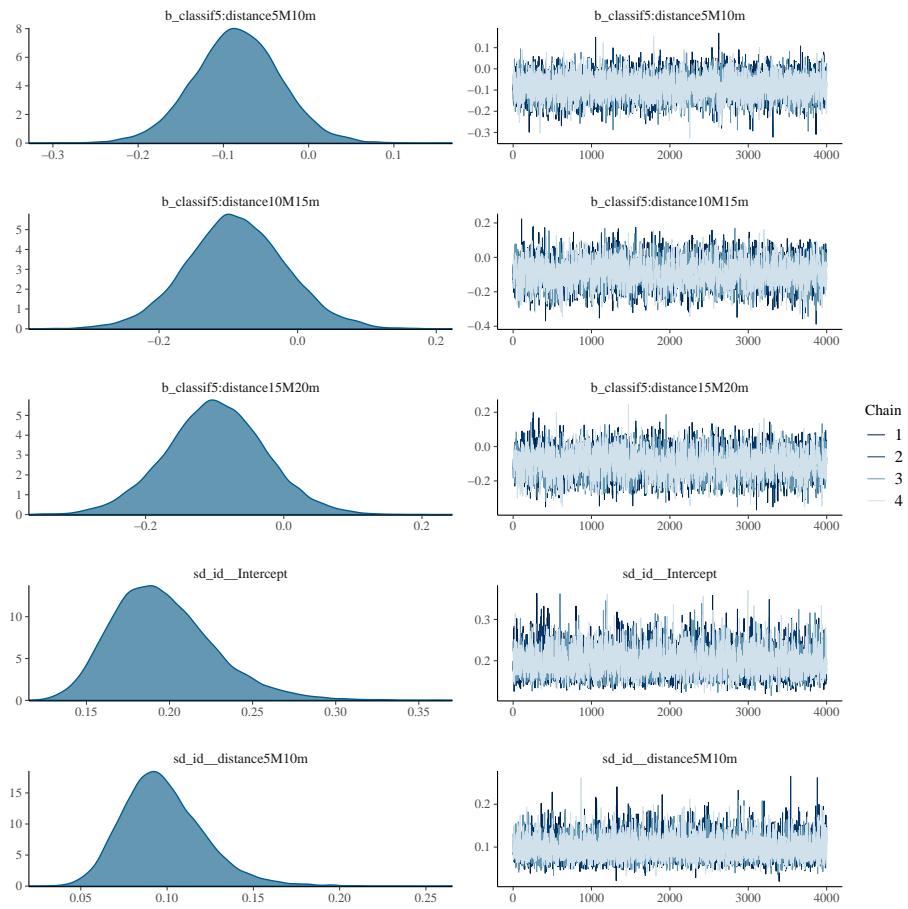


## Trace plots

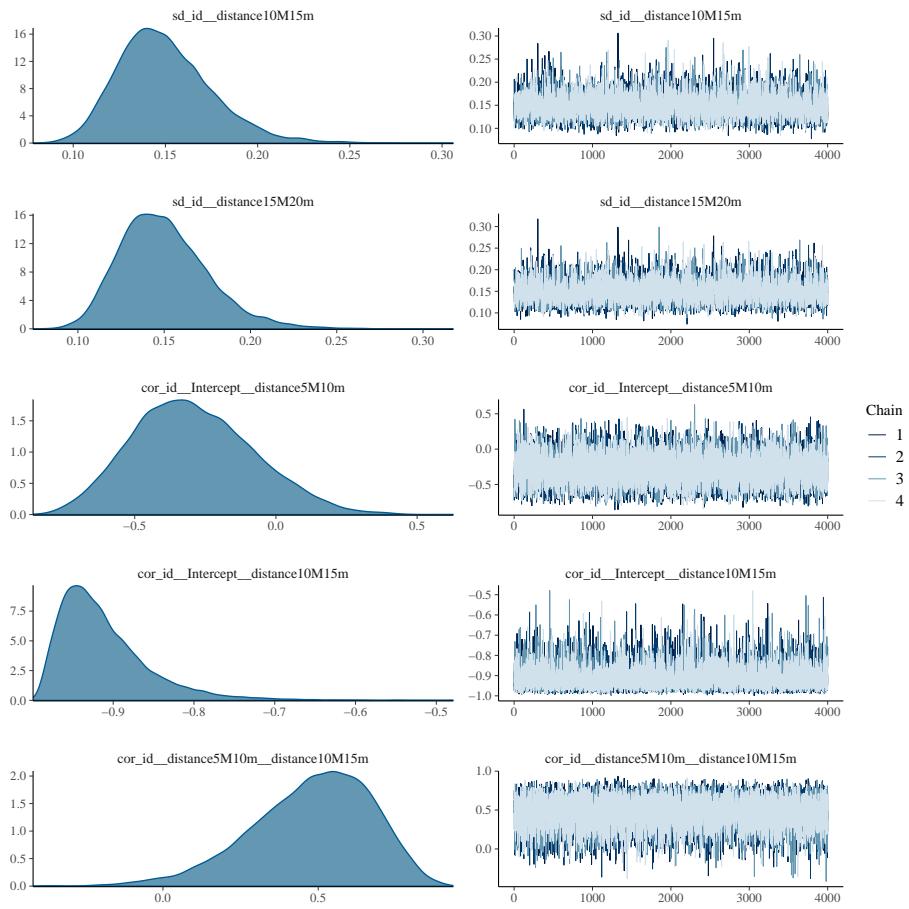
[[1]]



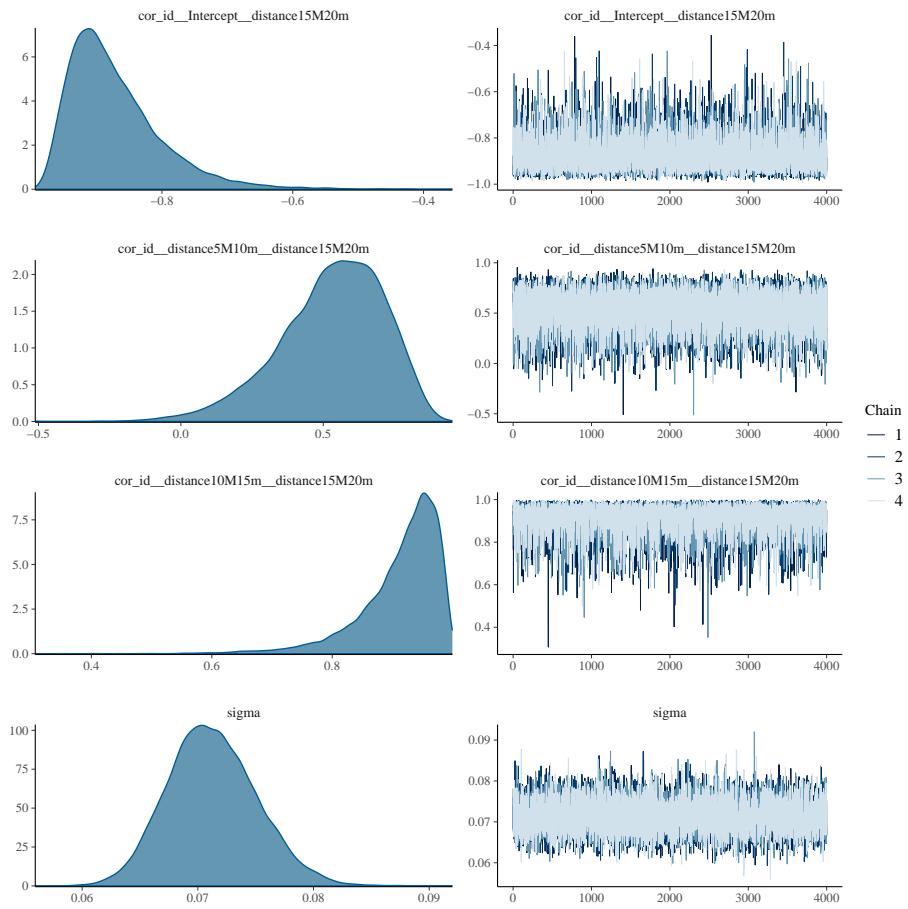
[[2]]



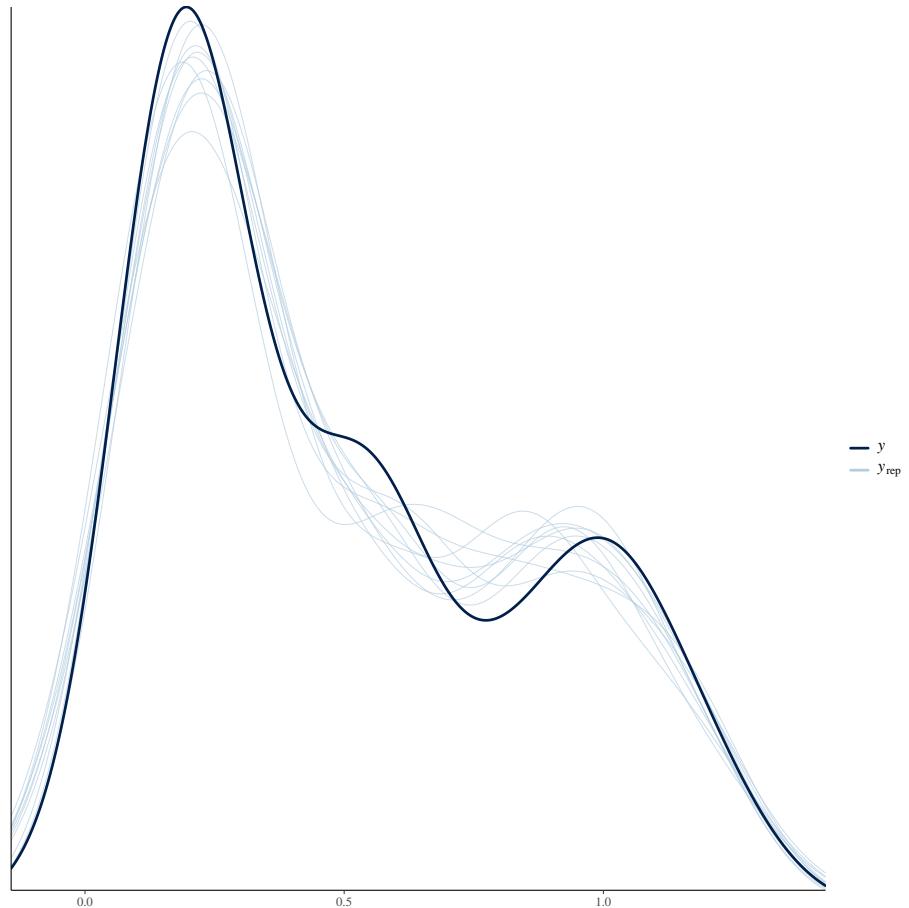
[[3]]



[[4]]

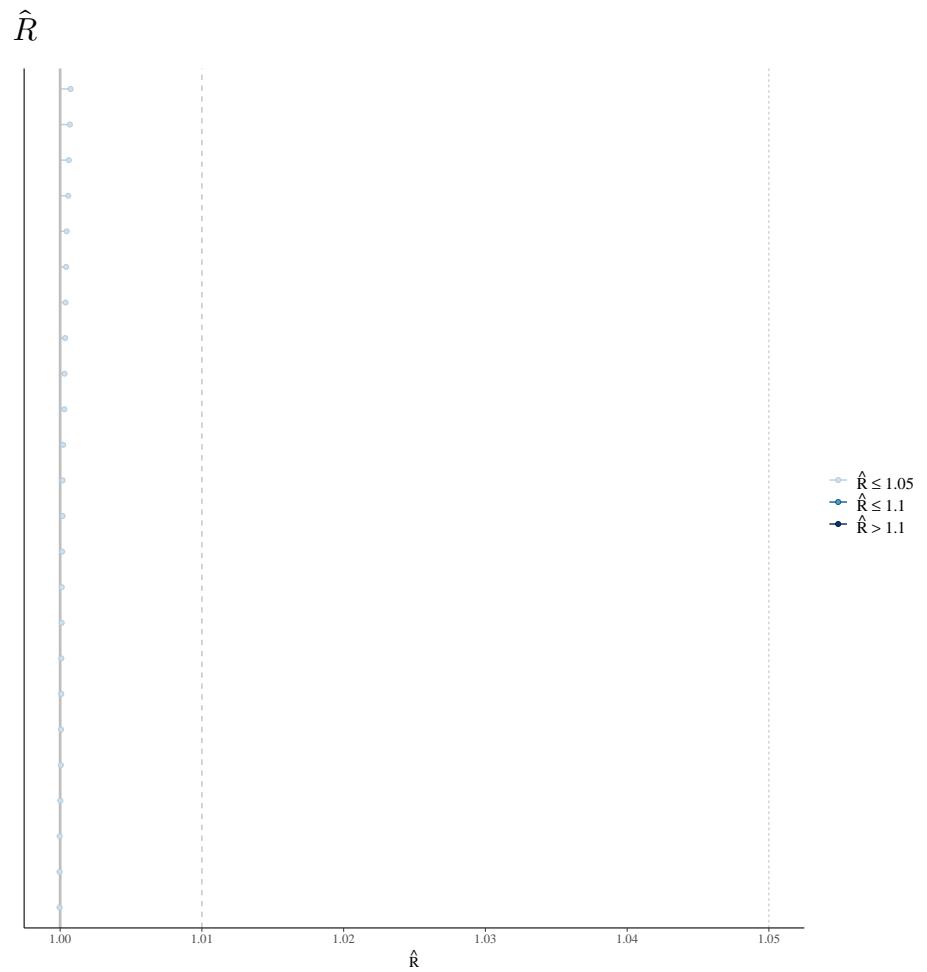


## Posterior predictive check



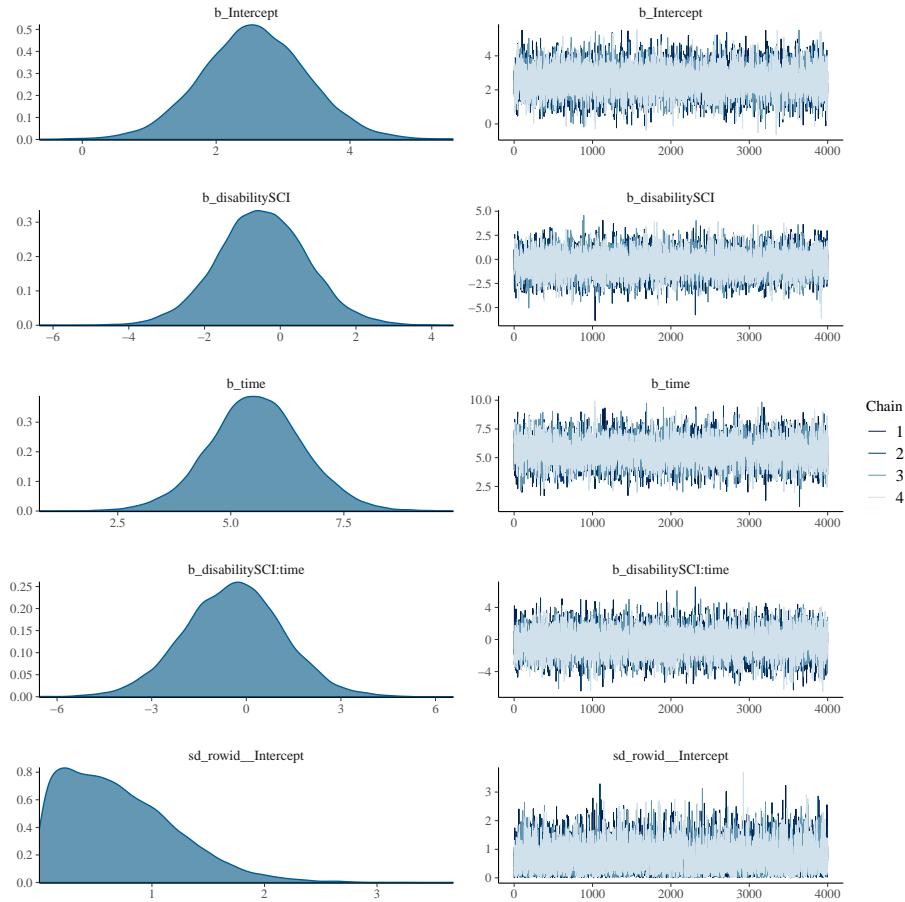
# Blood Lactate Models

## Disability Models

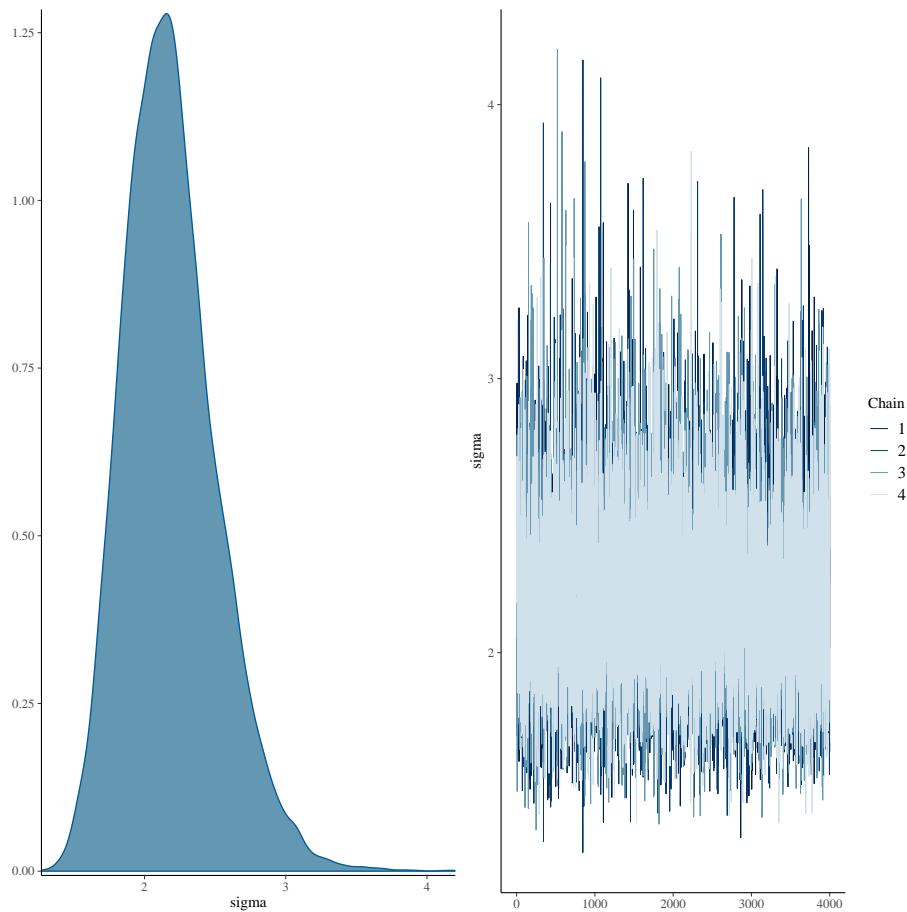


## Trace plots

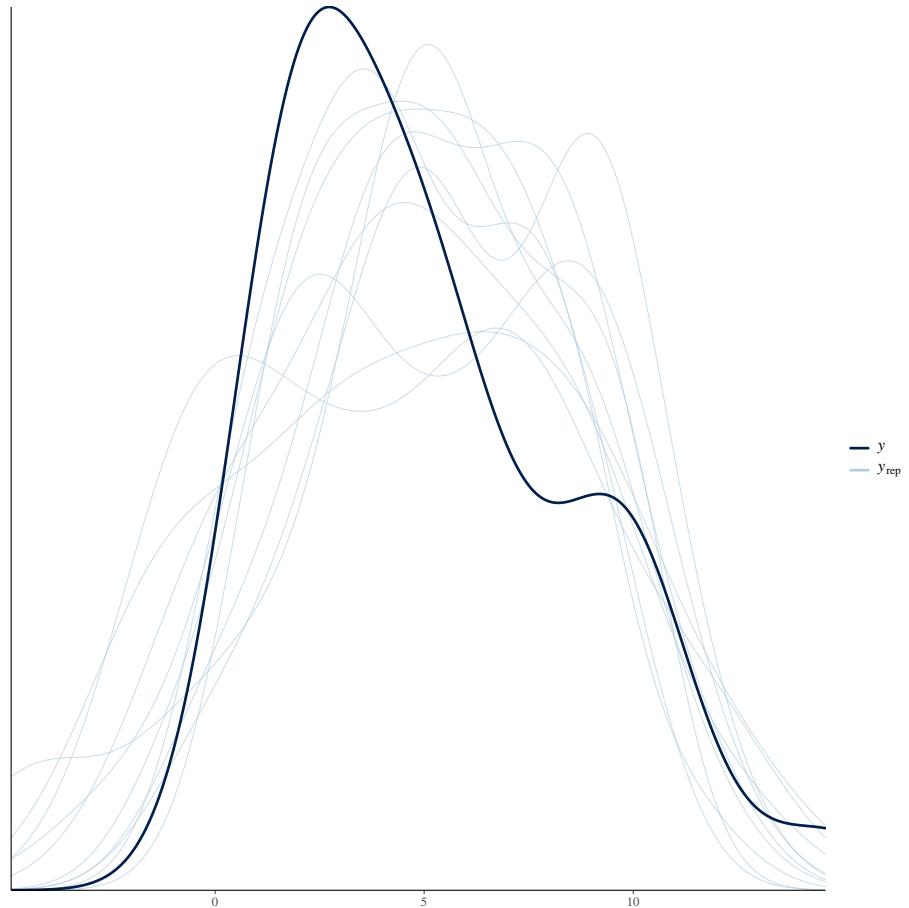
[[1]]



[[2]]

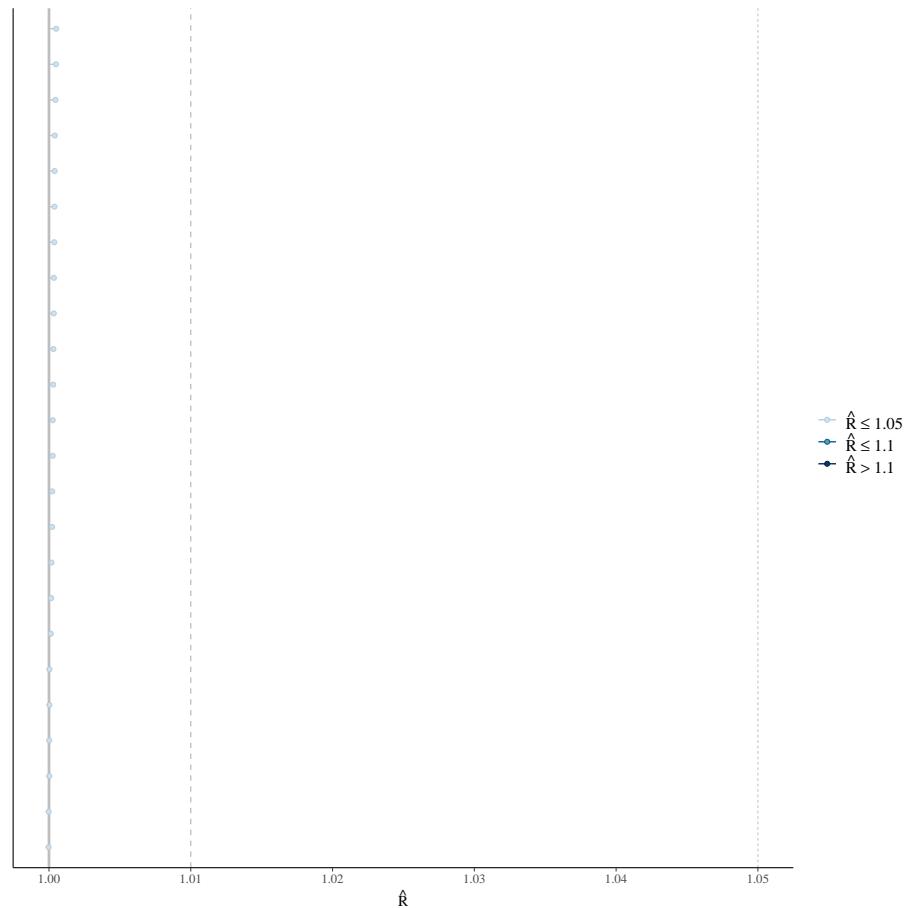


## Posterior predictive check



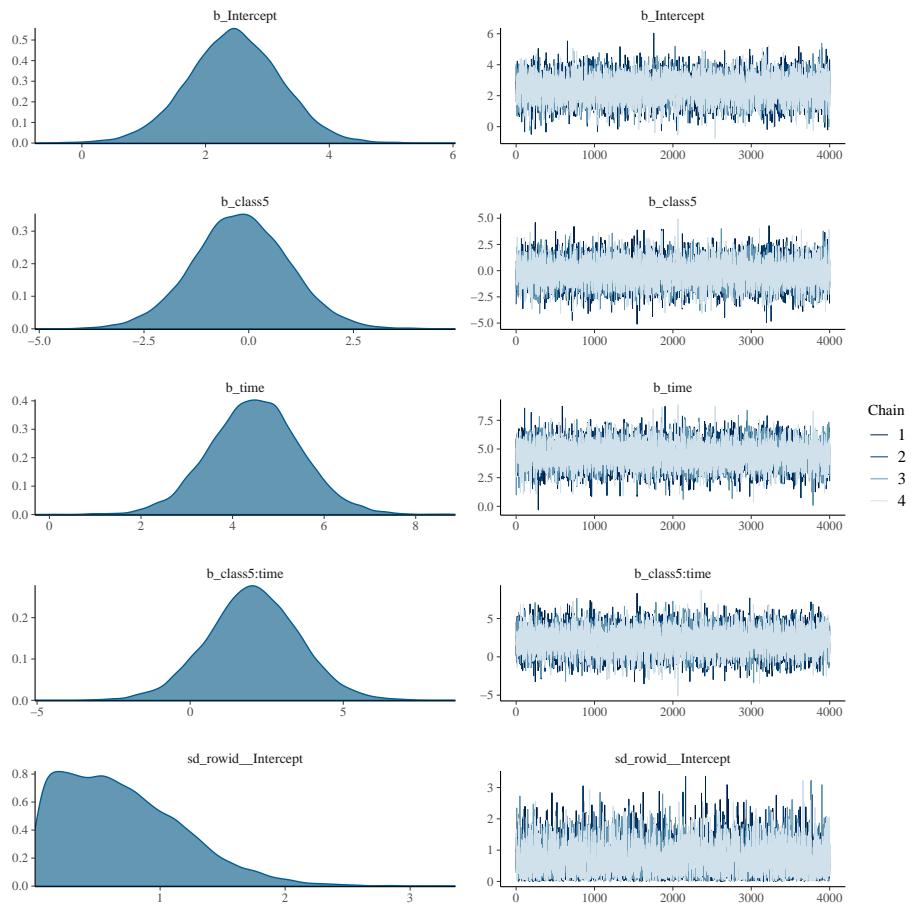
## Classification Models

$\hat{R}$

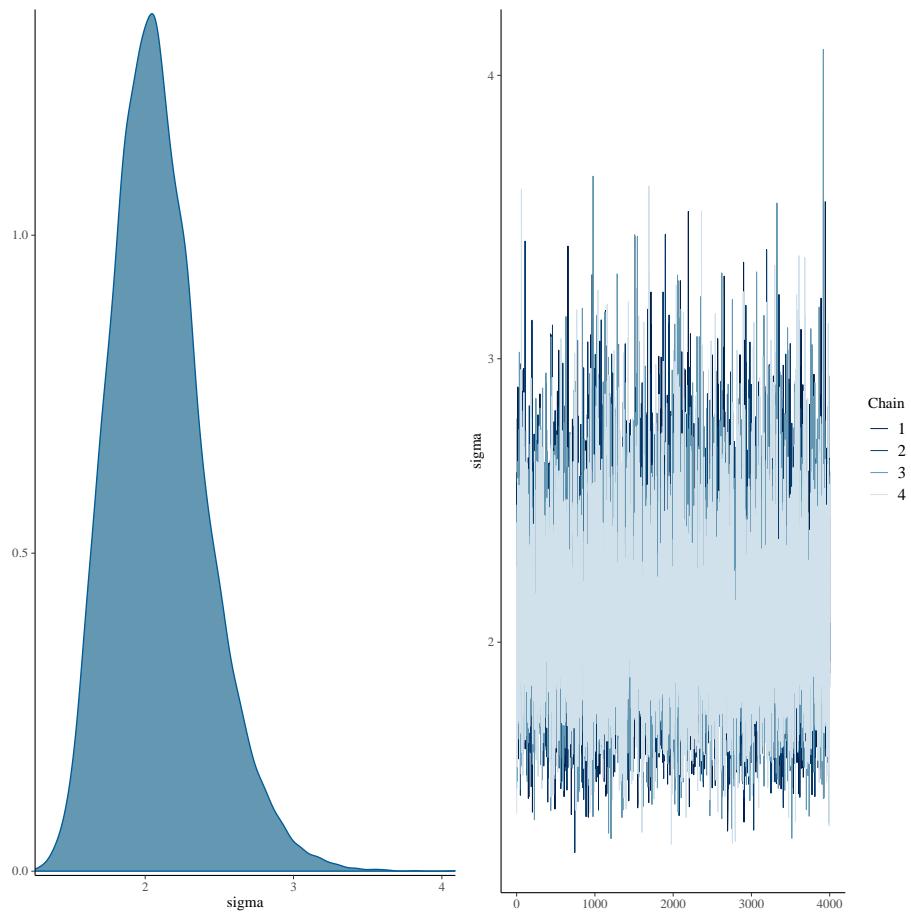


## Trace plots

[[1]]



[[2]]



## Posterior predictive check

