

Diagnostic Plots

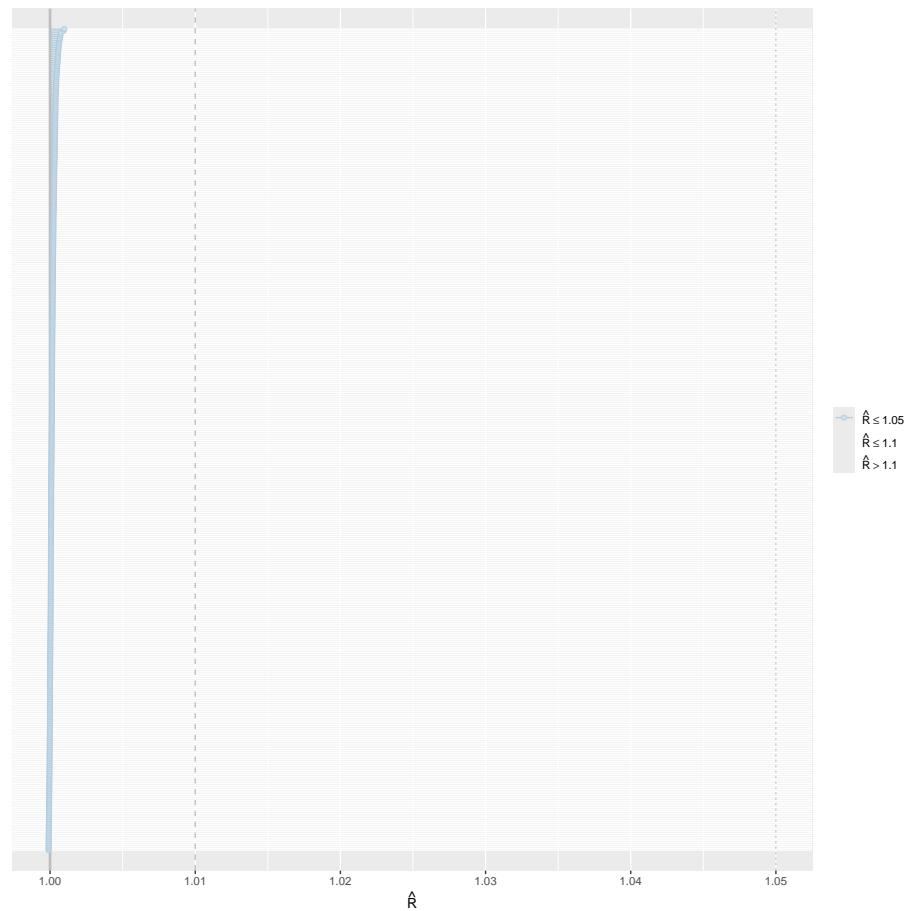
The effects of muscle length during resistance training on regional hypertrophy adaptations: A systematic review and meta-analysis

Dorian Varovic, Milo Wolf, Brad J. Schoenfeld, James Steele, Pavle Mikulic

Standardised Mean Difference Models

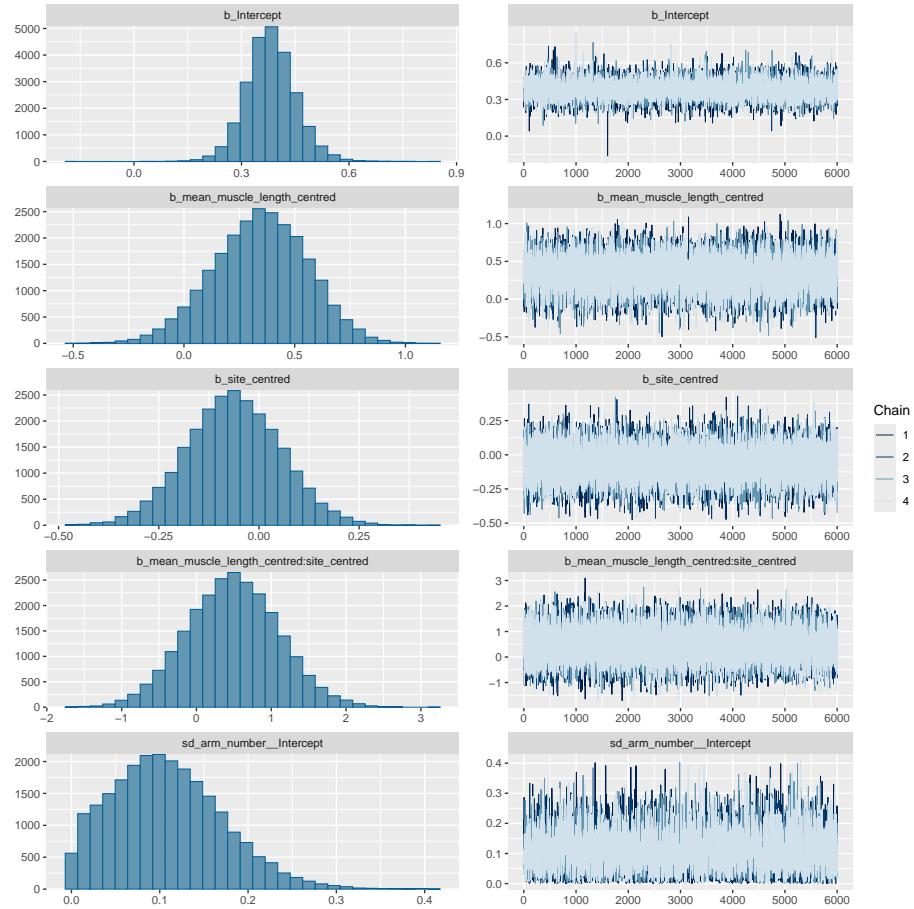
Main Model - Uninformed Priors

\hat{R}

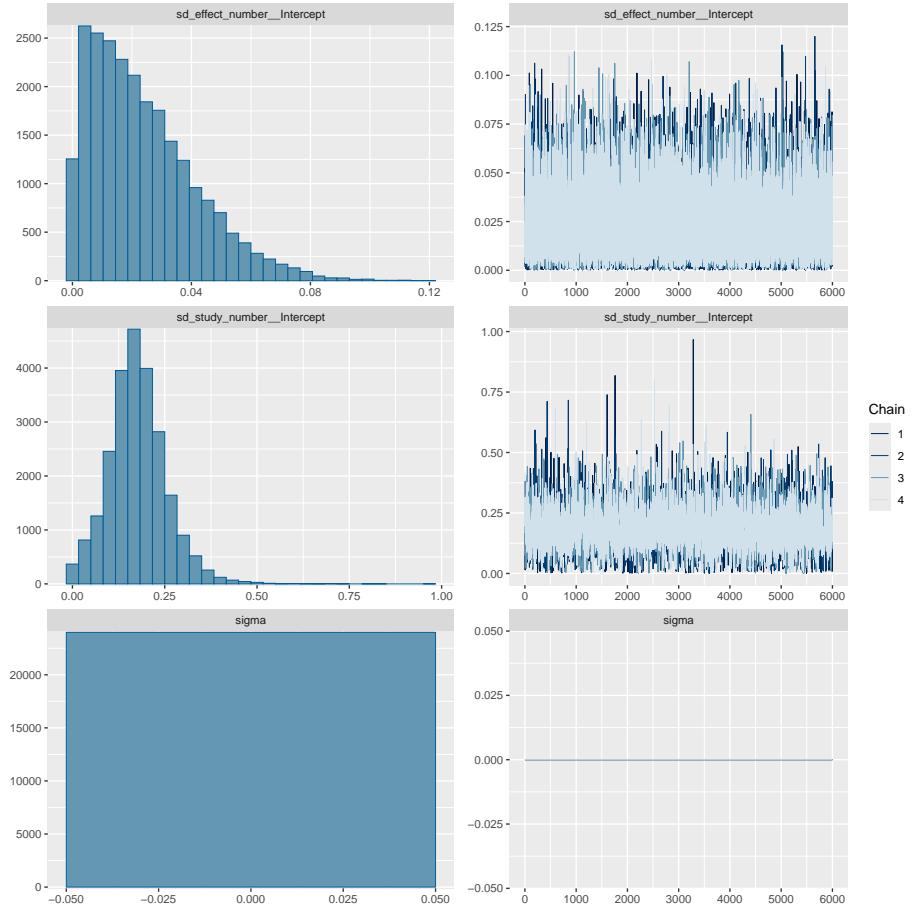


Trace plots

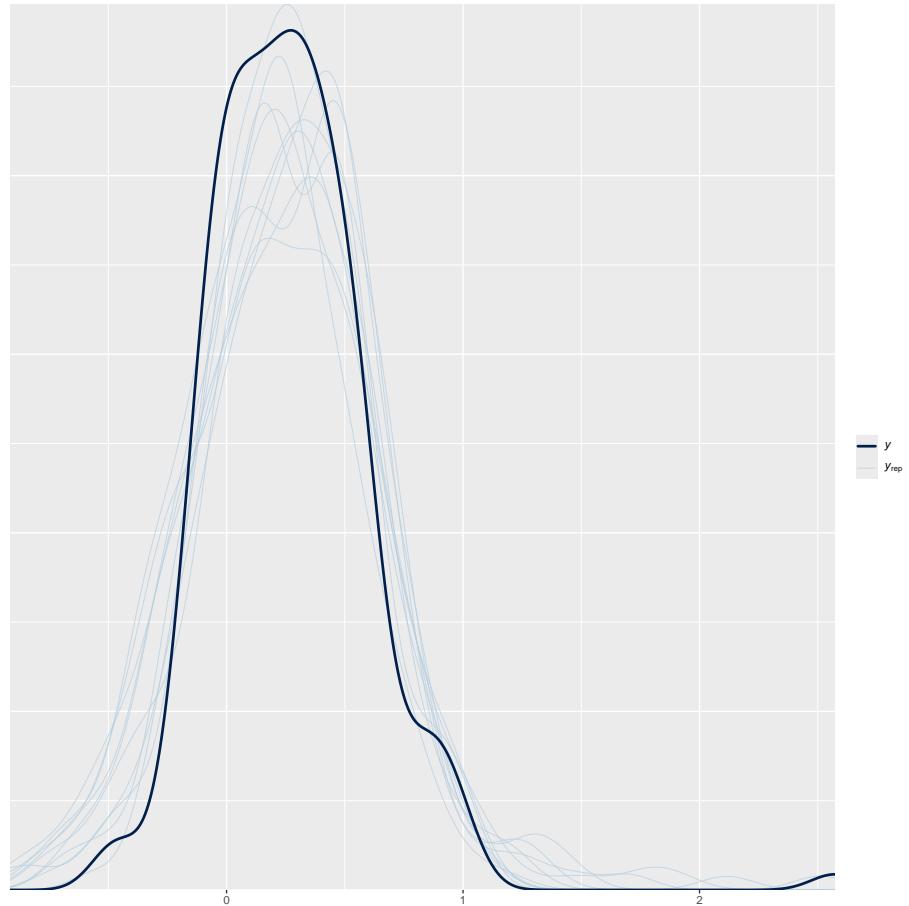
[[1]]



[[2]]

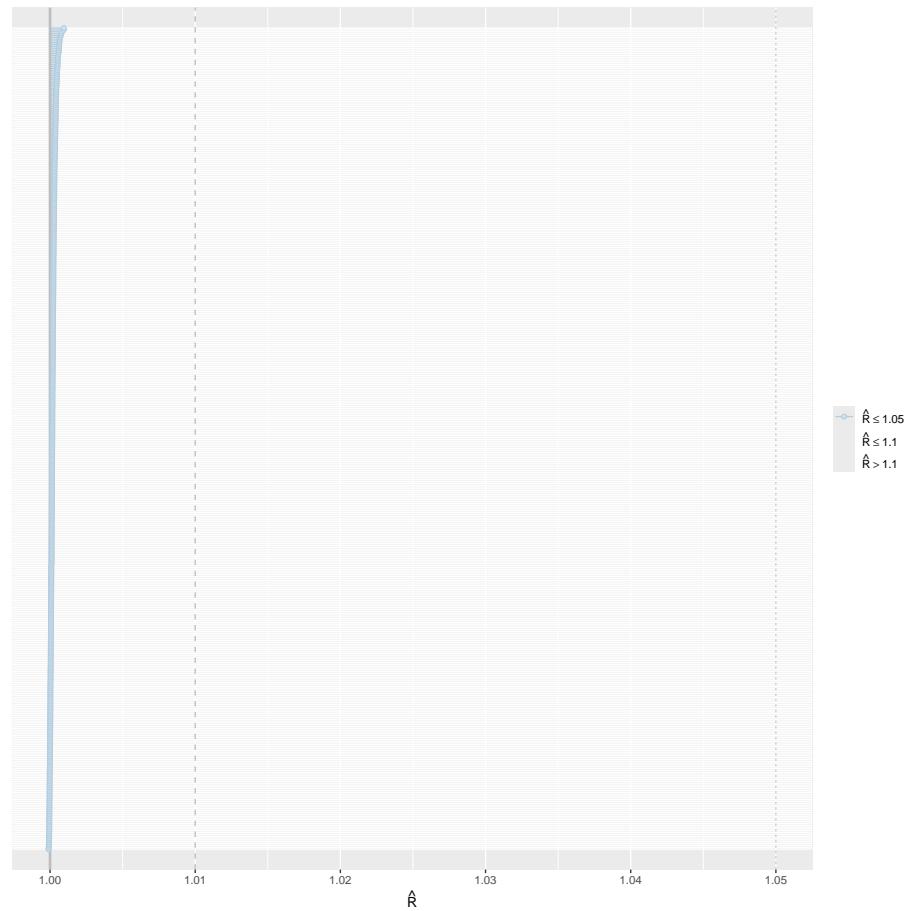


Posterior predictive check



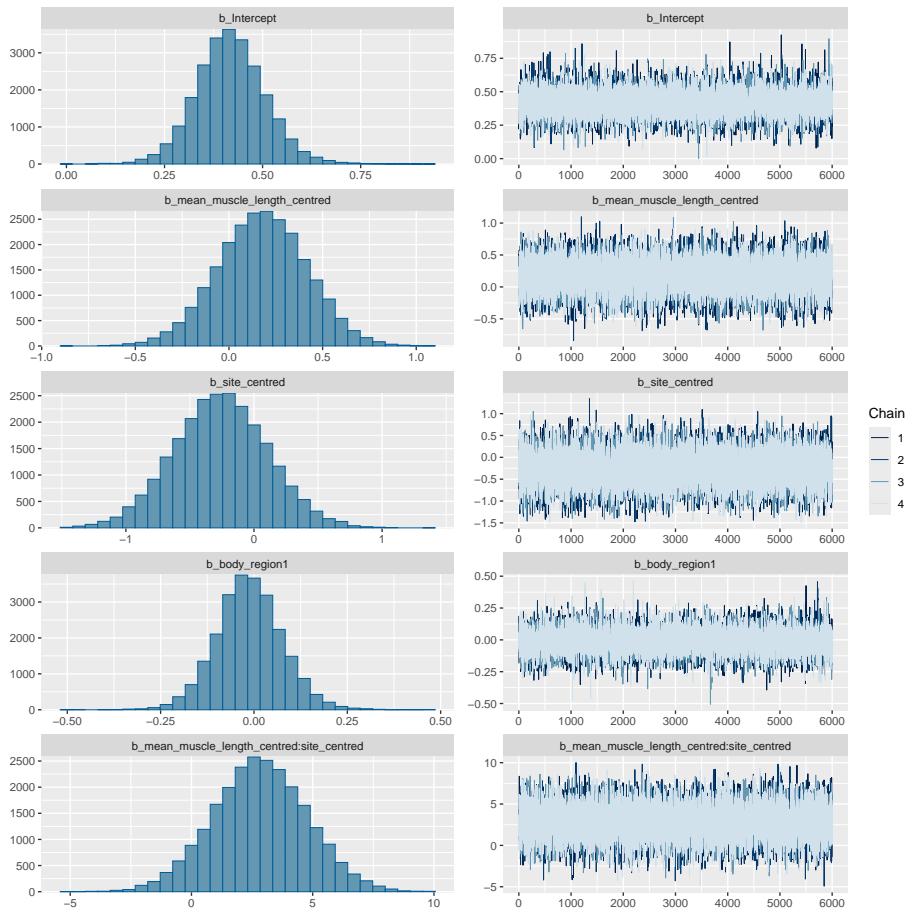
Upper vs Lower Body Model - Uninformed Priors

\hat{R}

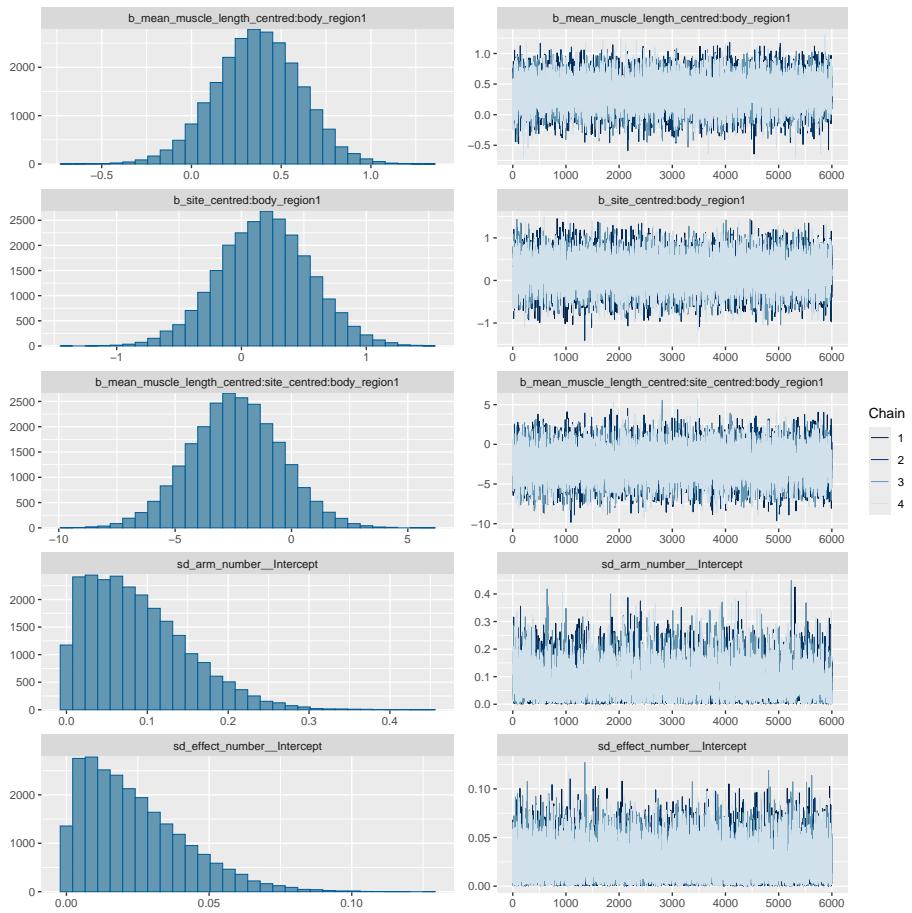


Trace plots

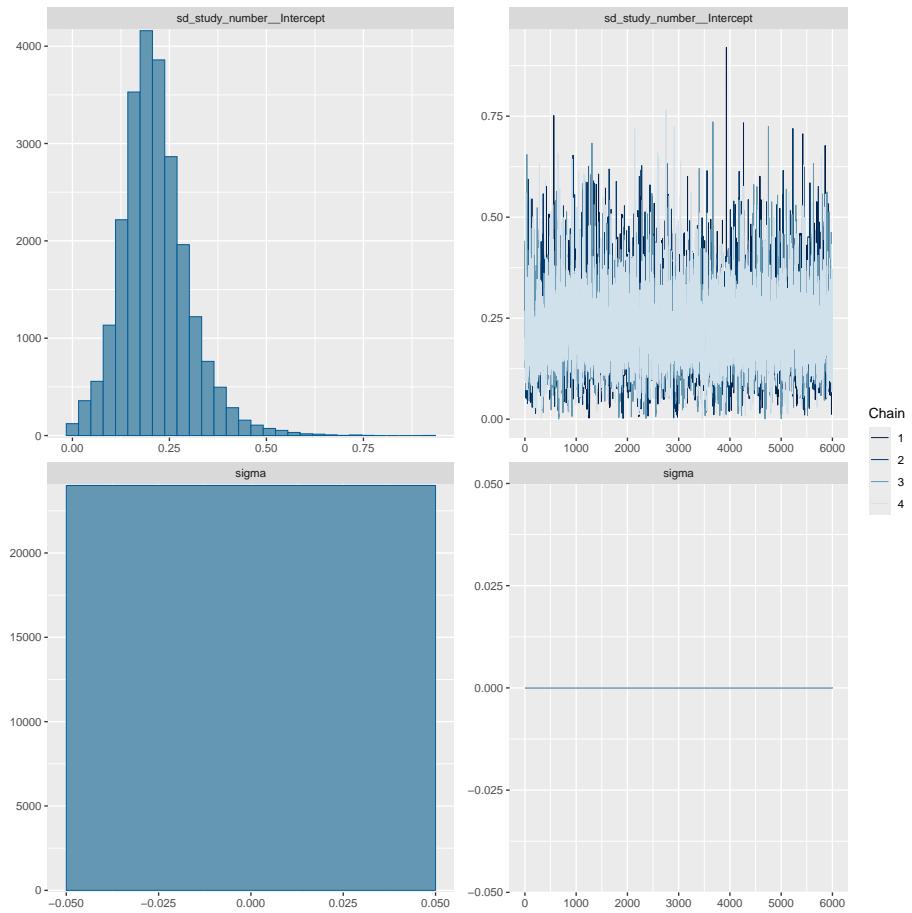
[[1]]



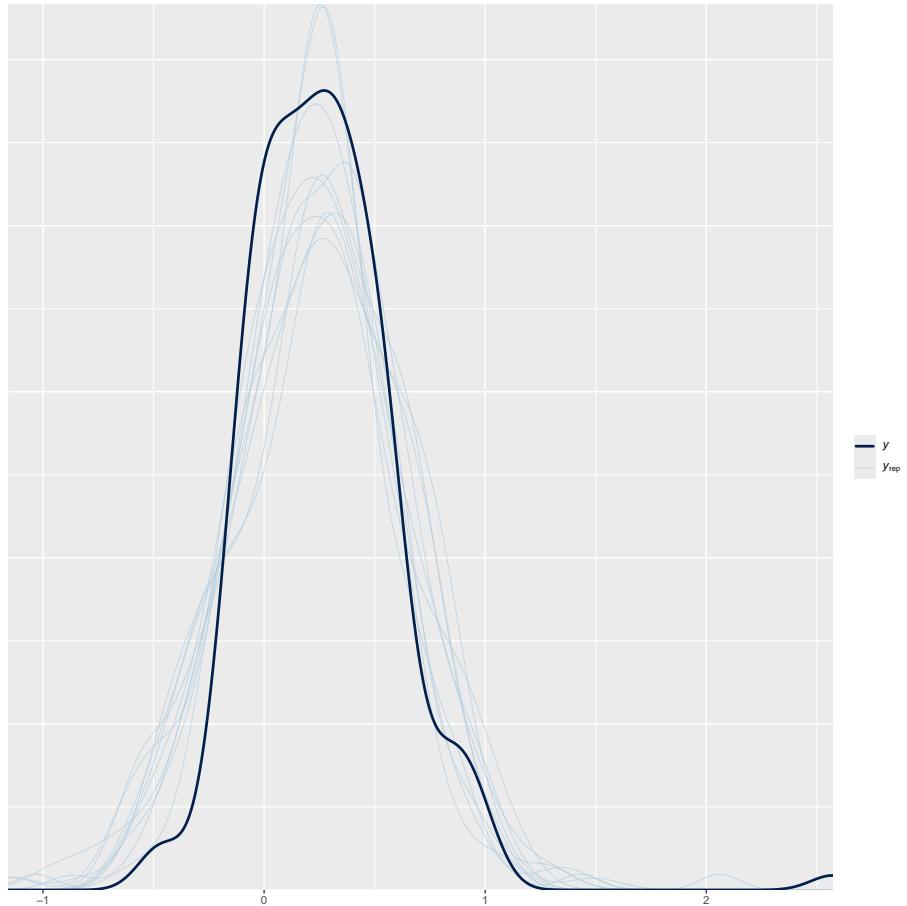
[[2]]



[[3]]

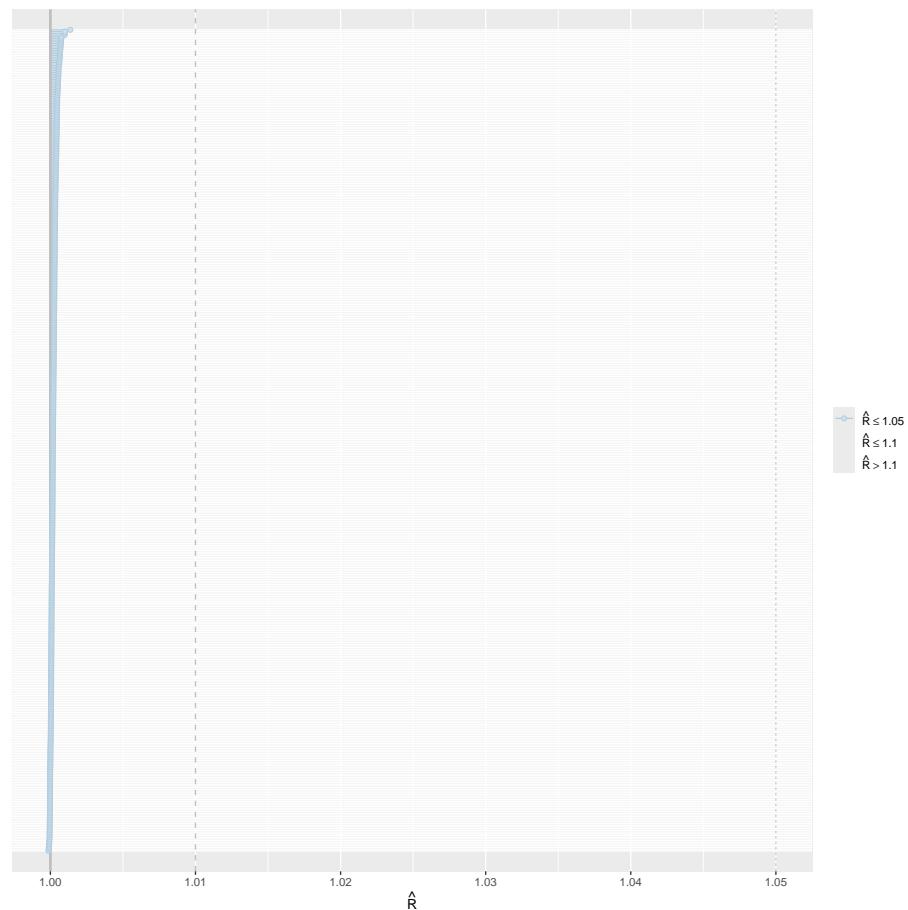


Posterior predictive check



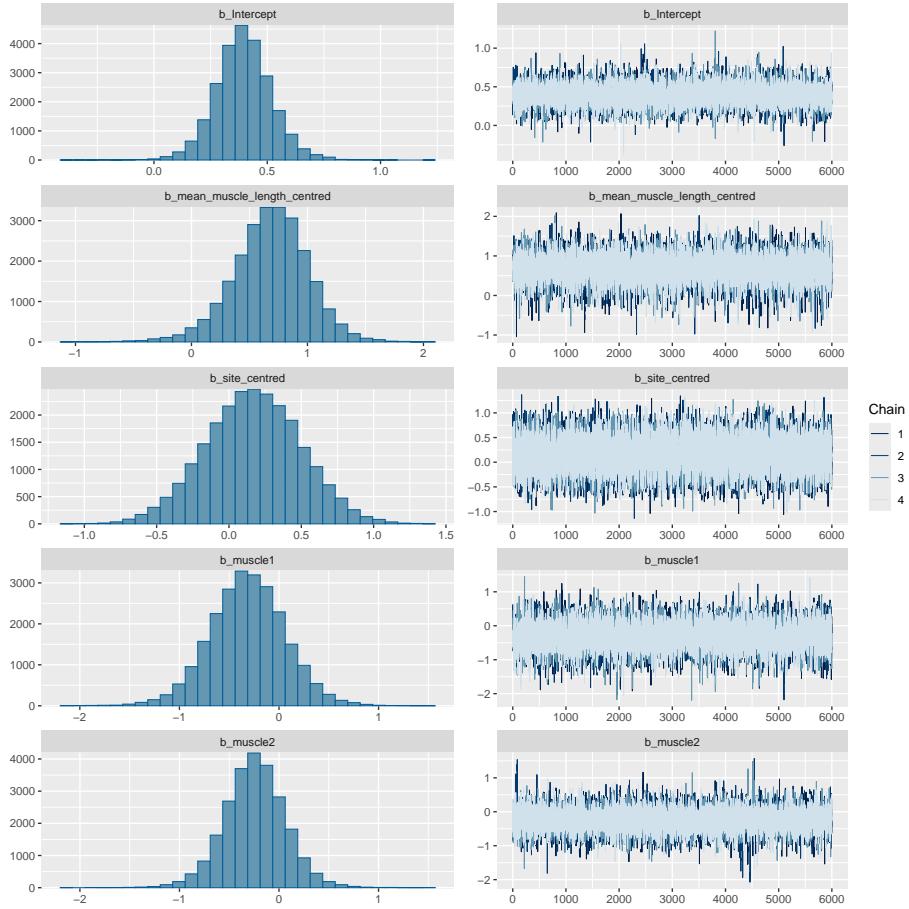
Muscle Group Model - Uninformed Priors

\hat{R}

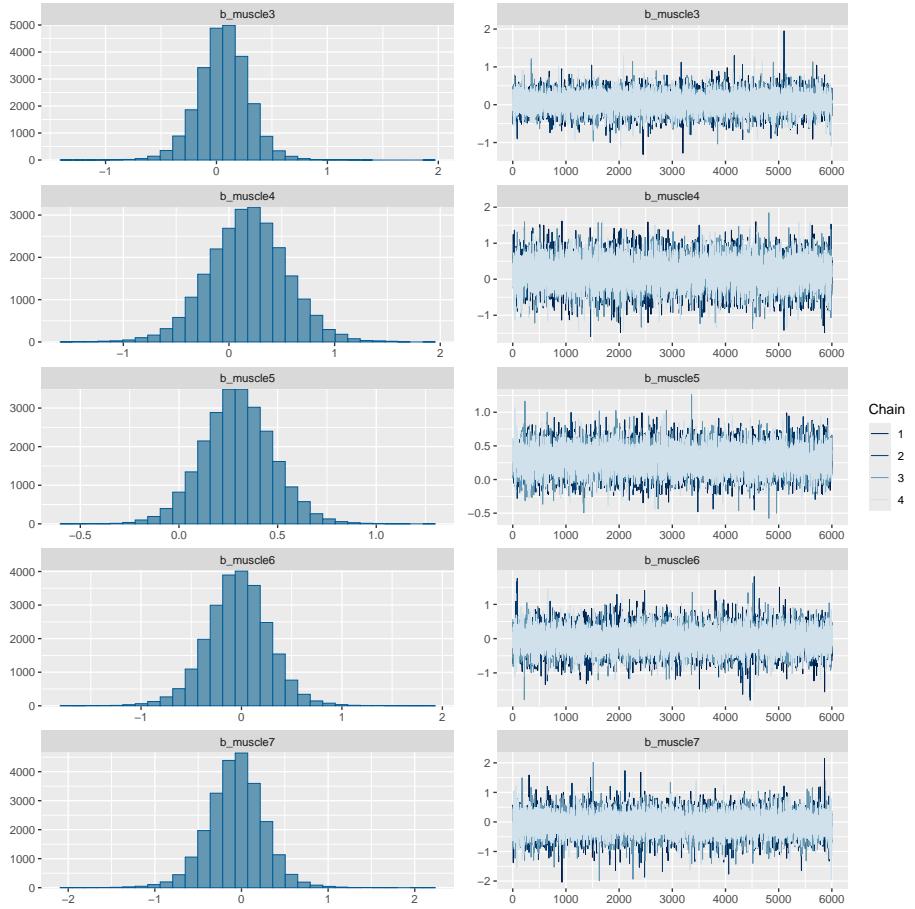


Trace plots

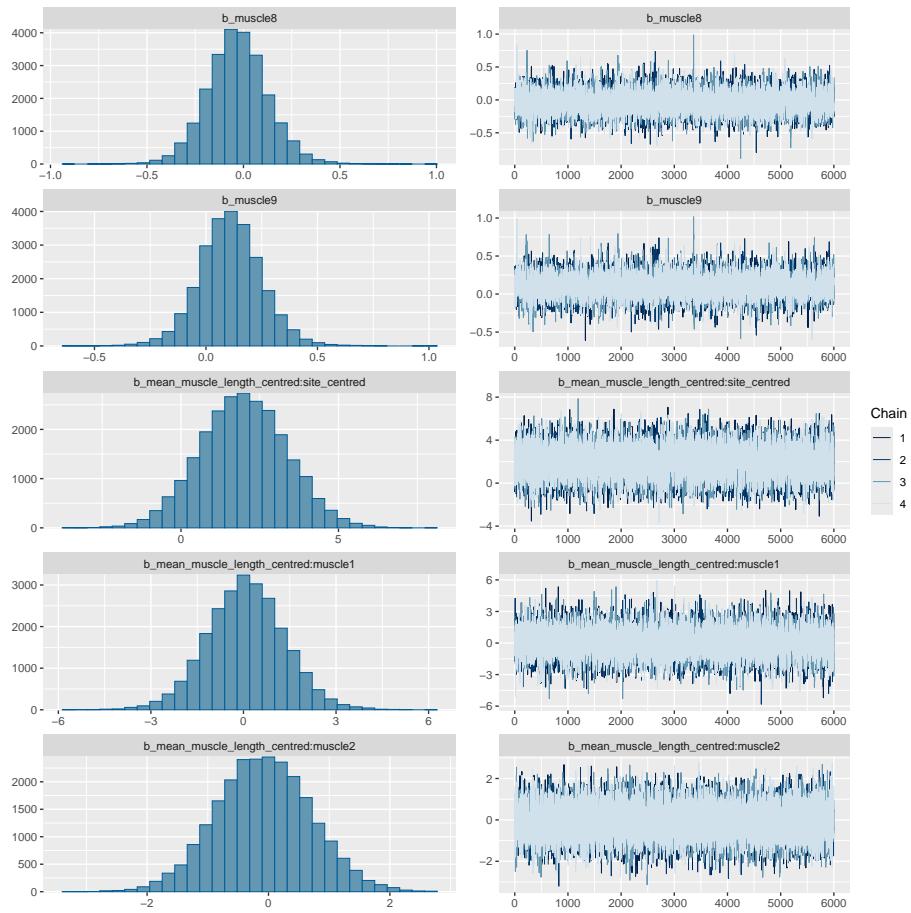
[[1]]



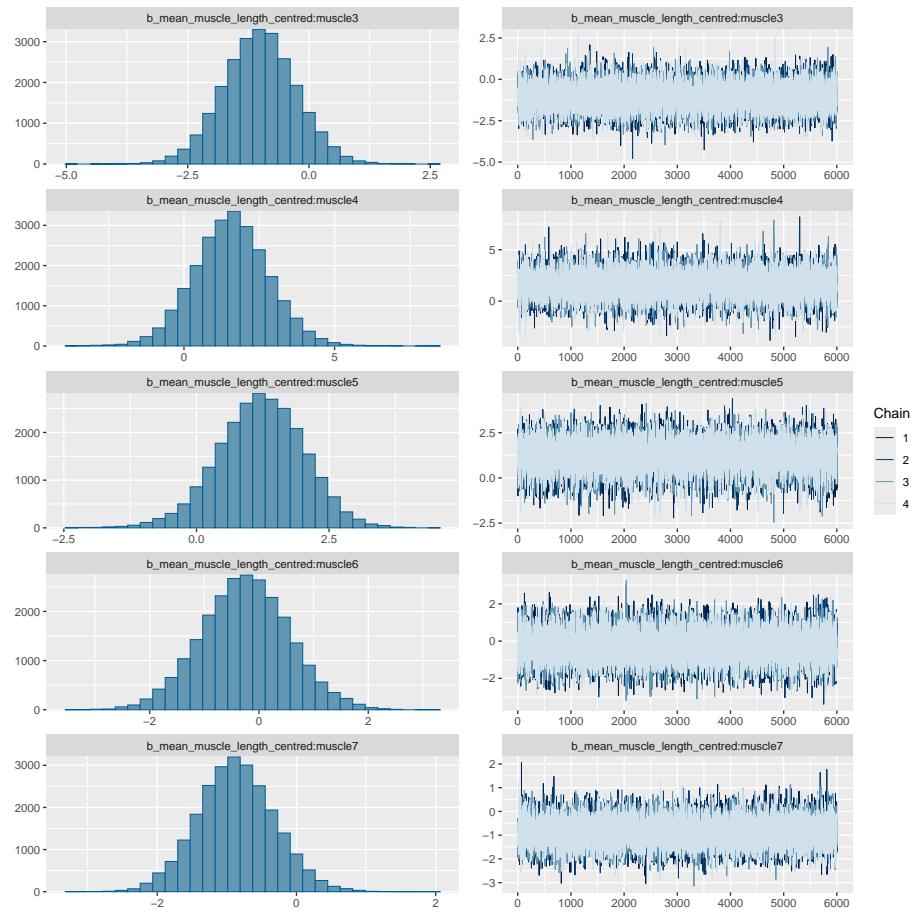
[[2]]



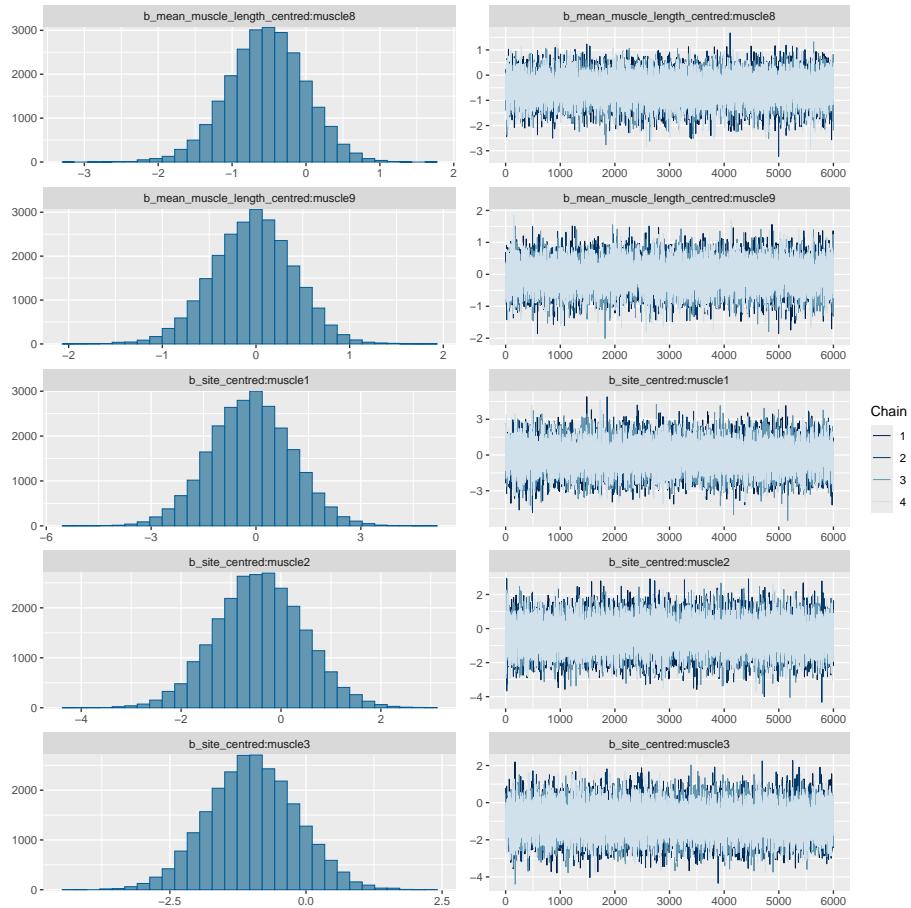
[[3]]



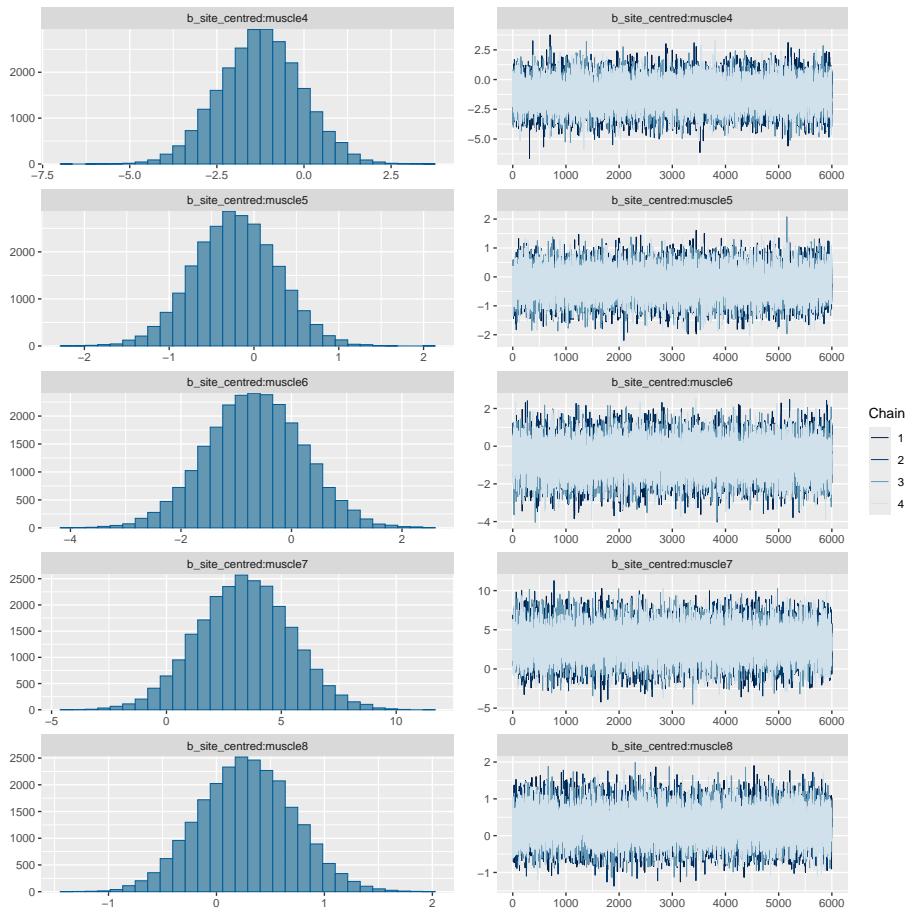
[[4]]



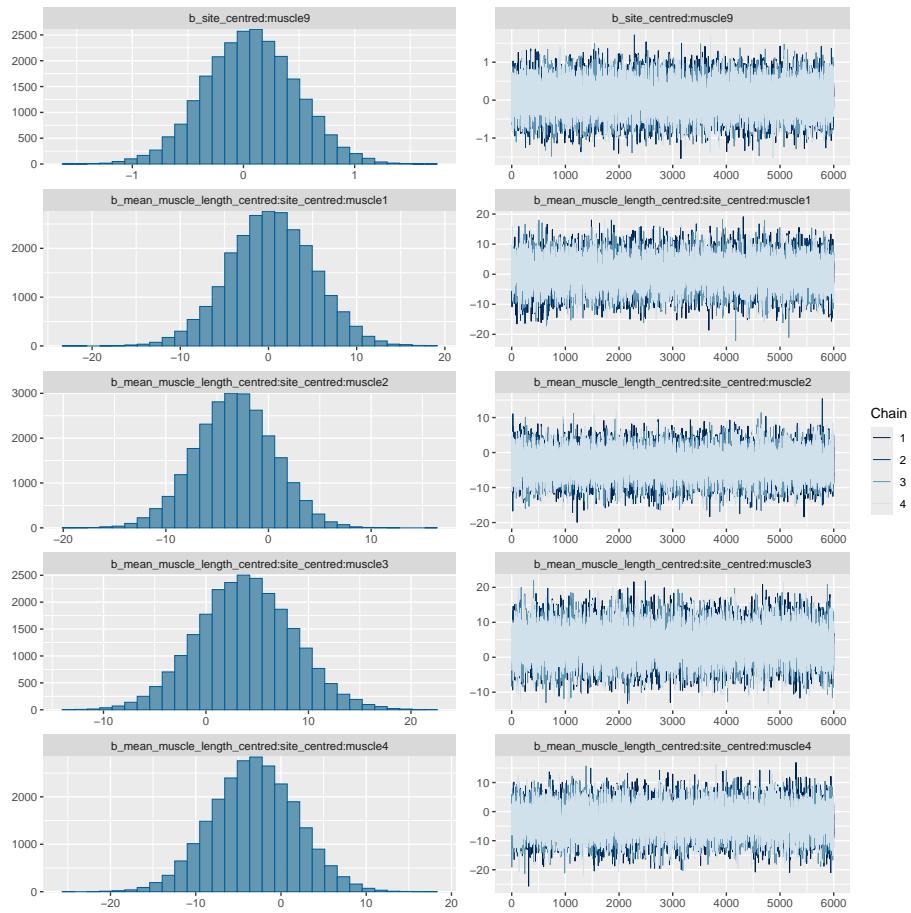
[[5]]



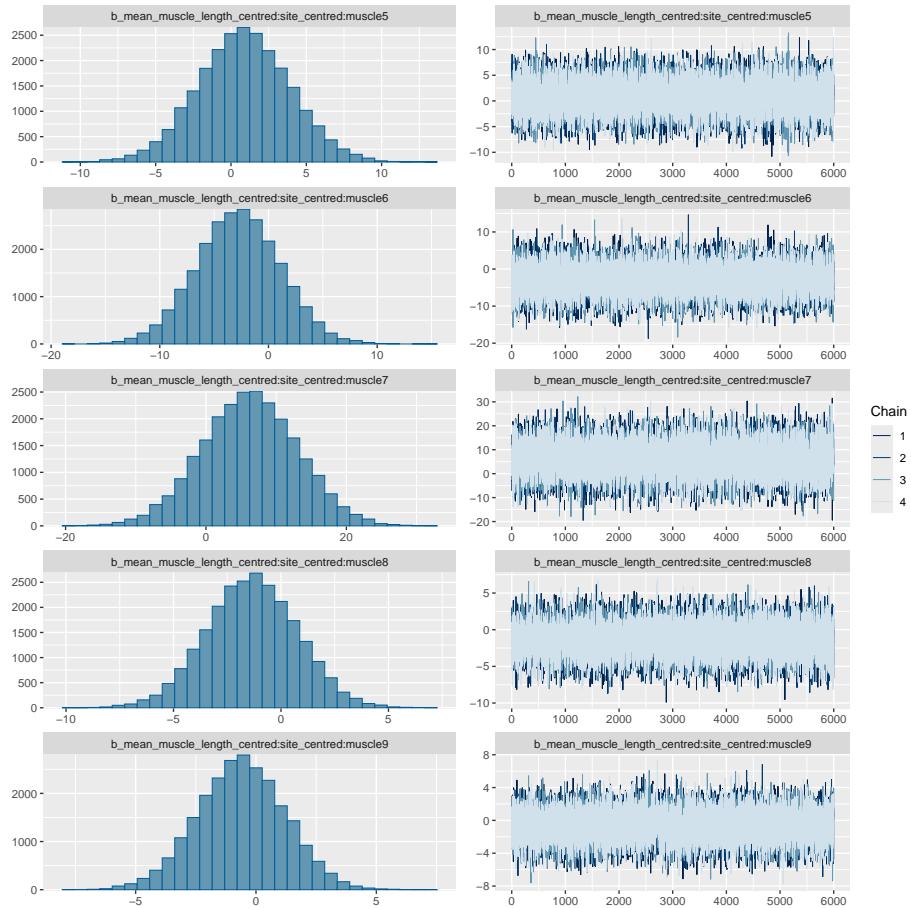
[[6]]



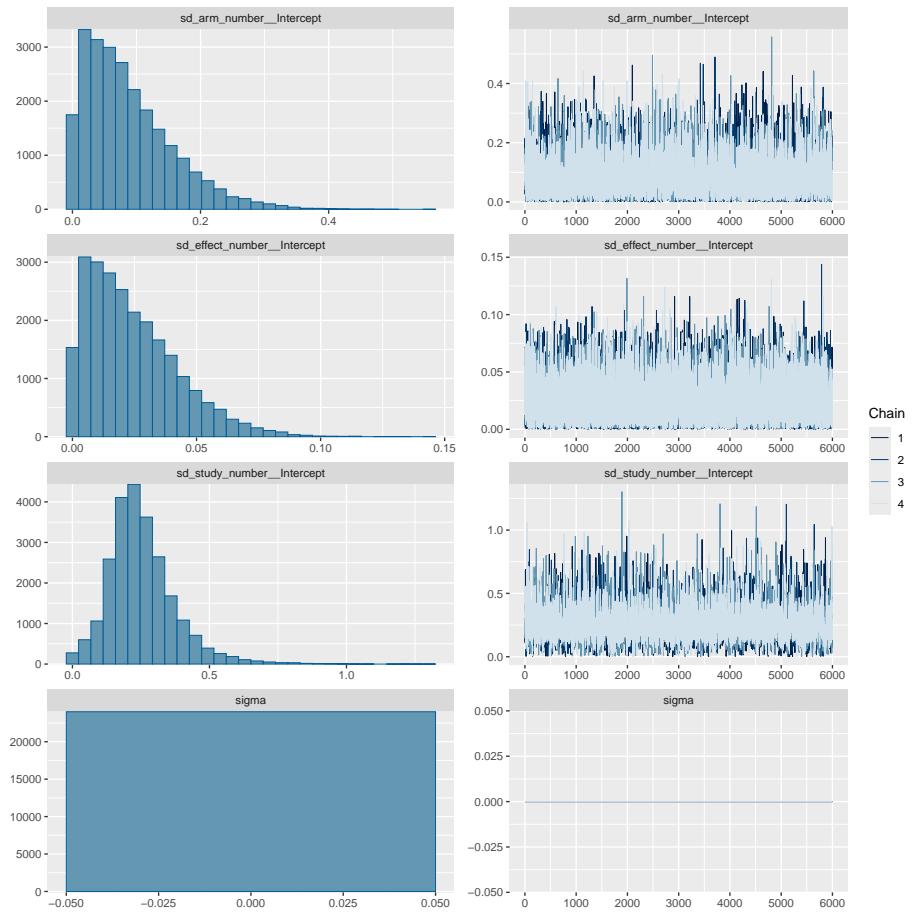
[[7]]



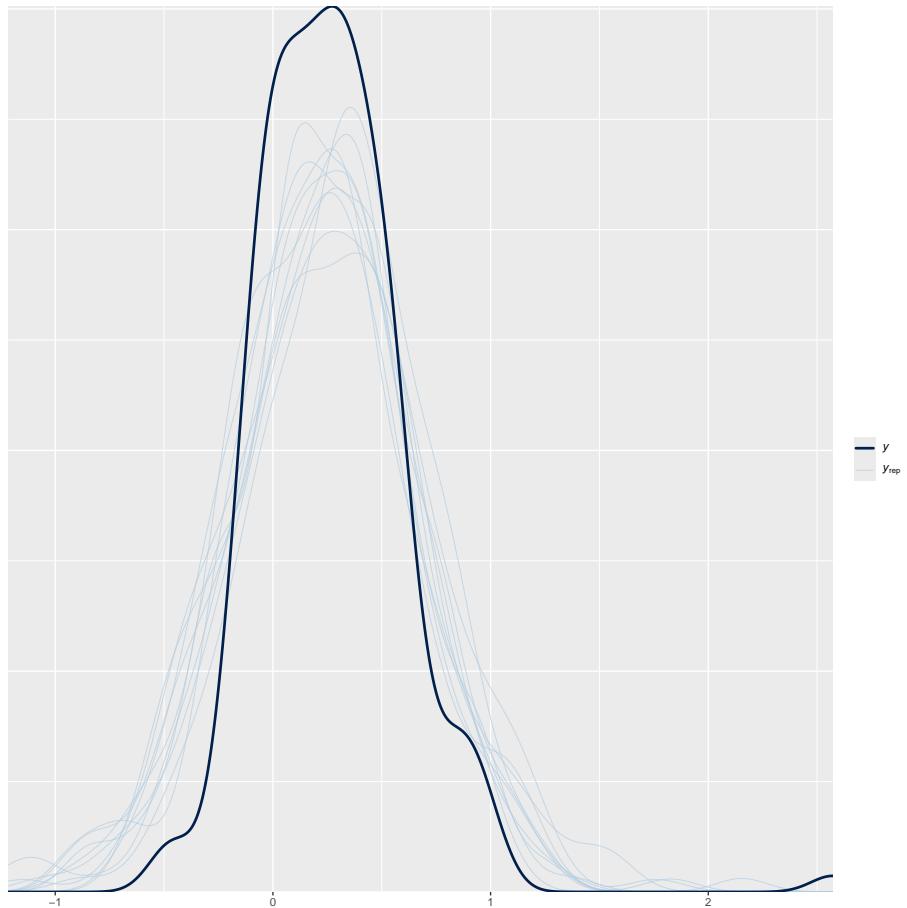
[[8]]



[[9]]

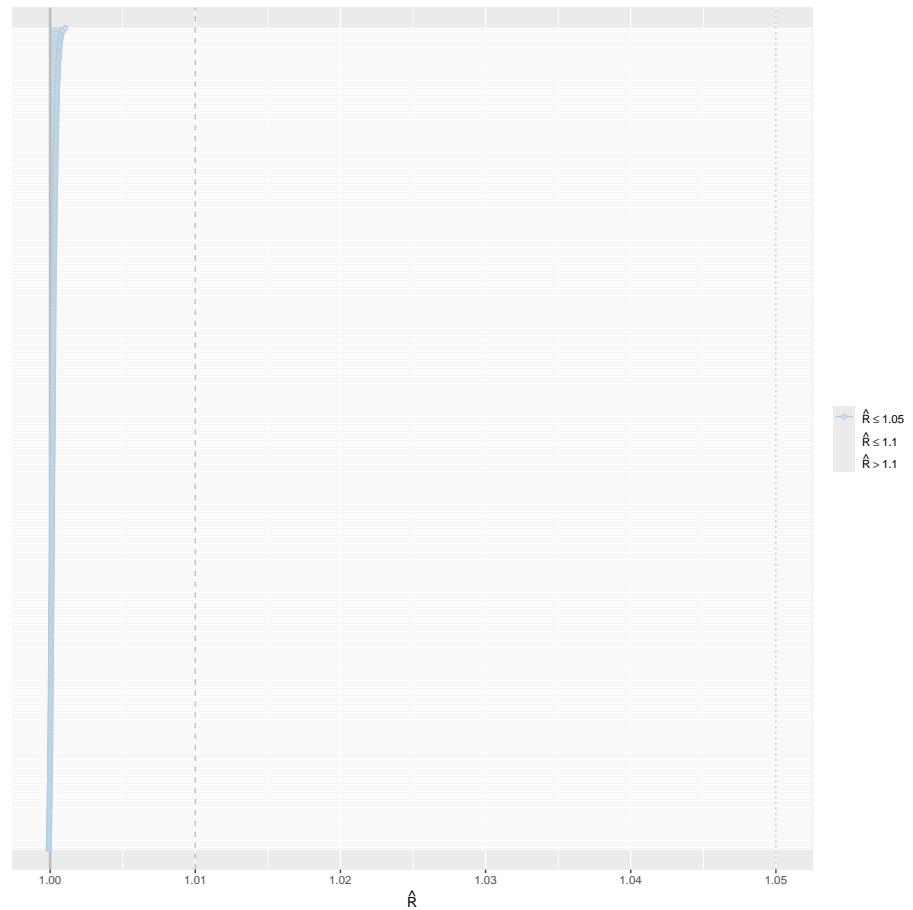


Posterior predictive check



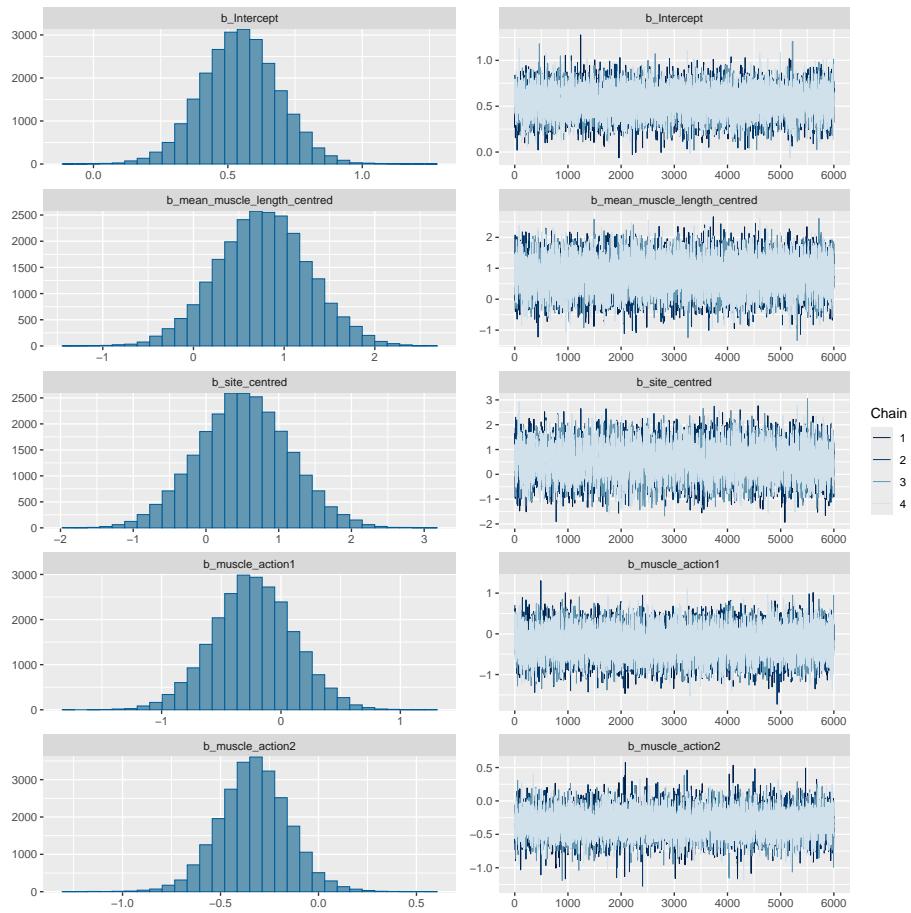
Muscle Action Model - Uninformed Priors

\hat{R}

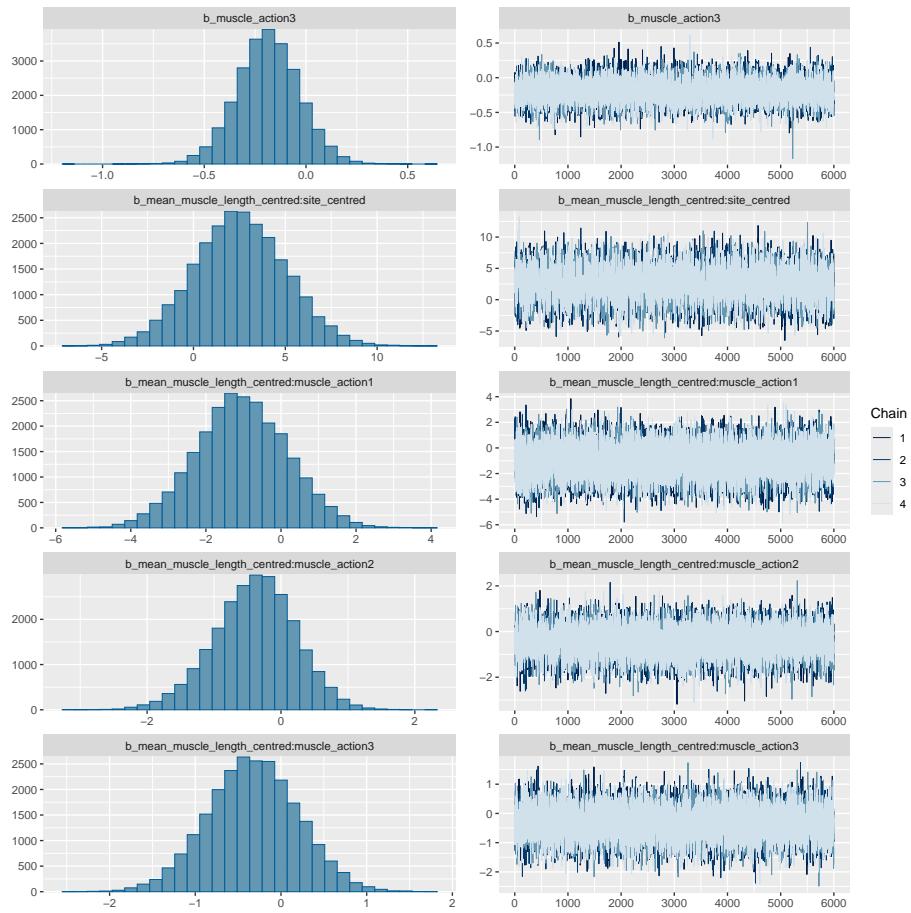


Trace plots

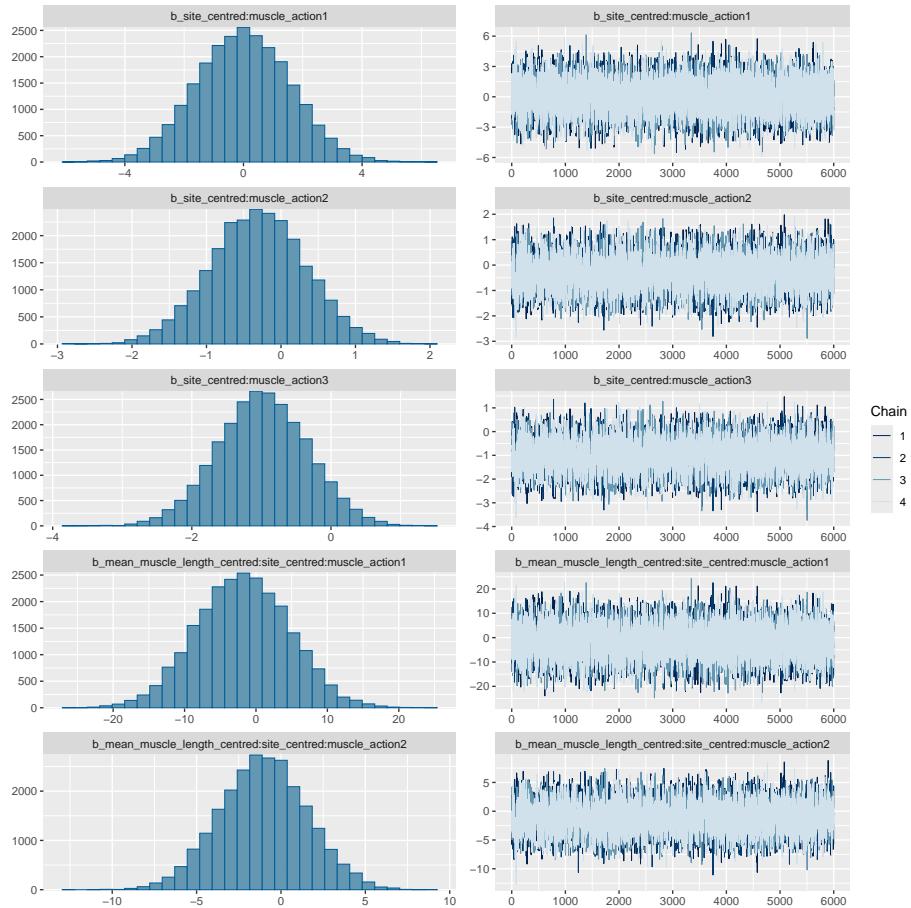
[[1]]



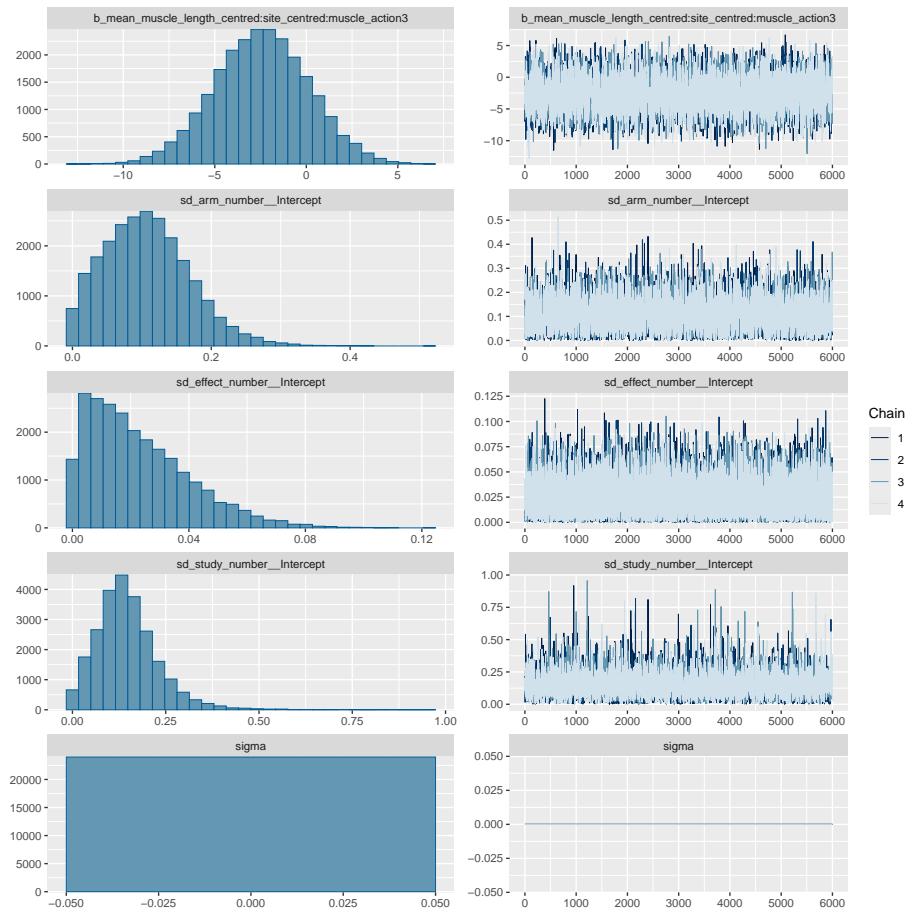
[[2]]



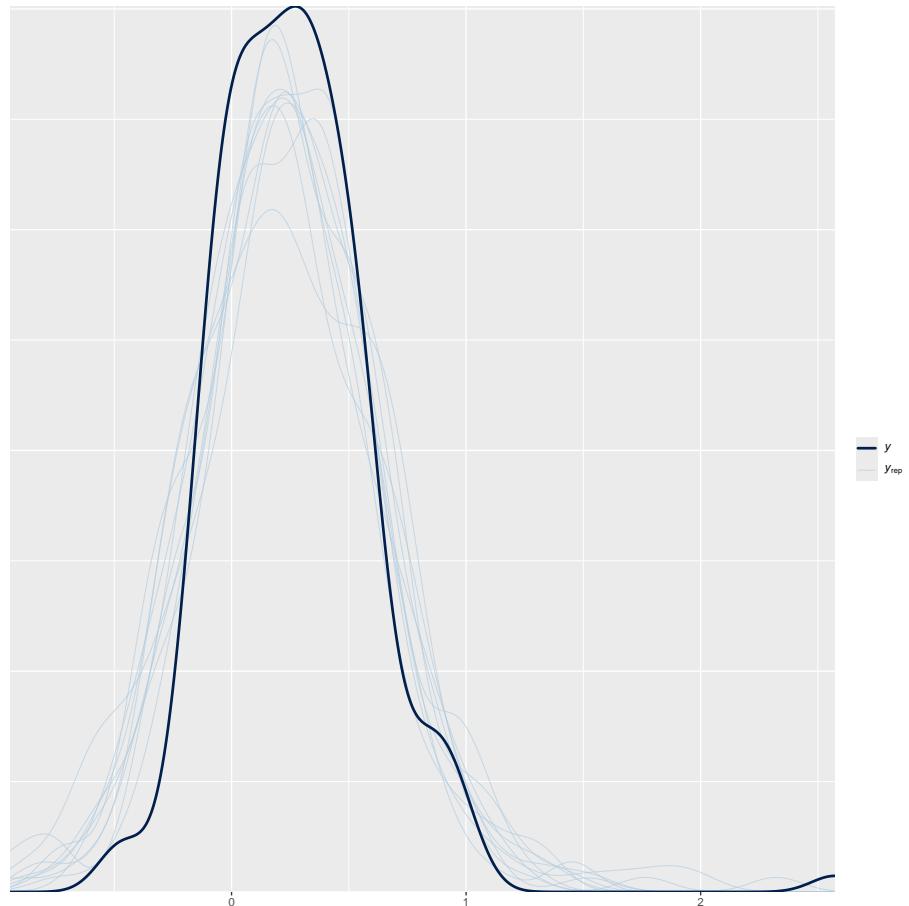
[[3]]



[[4]]

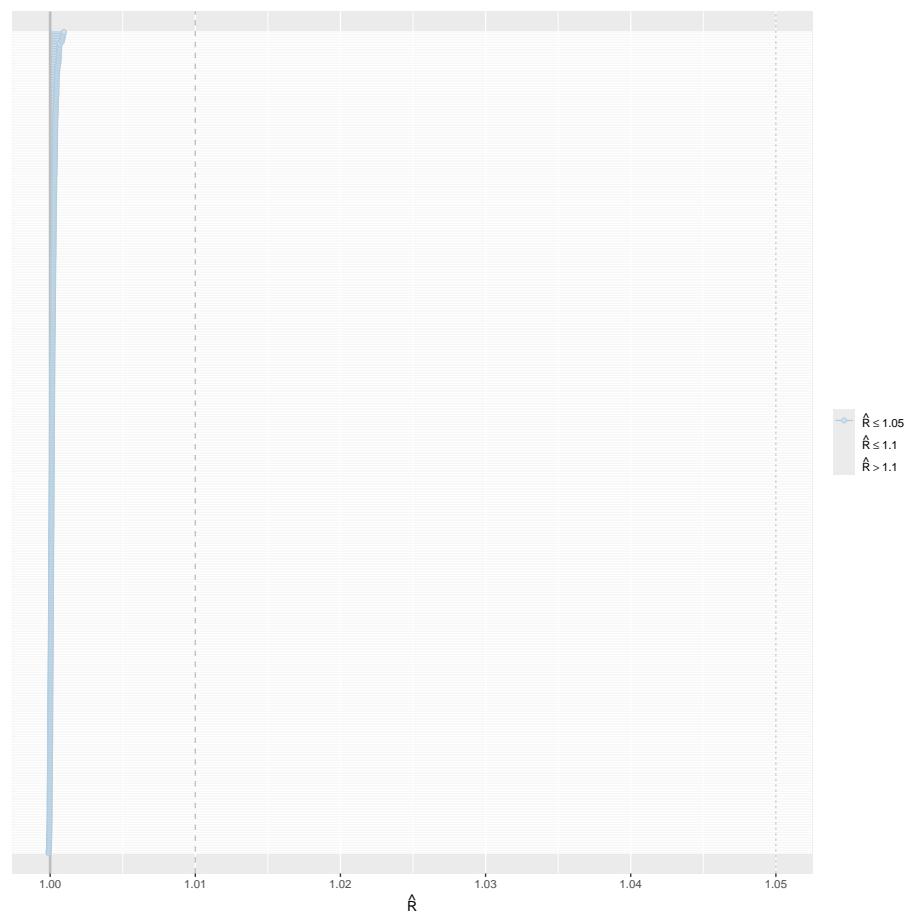


Posterior predictive check



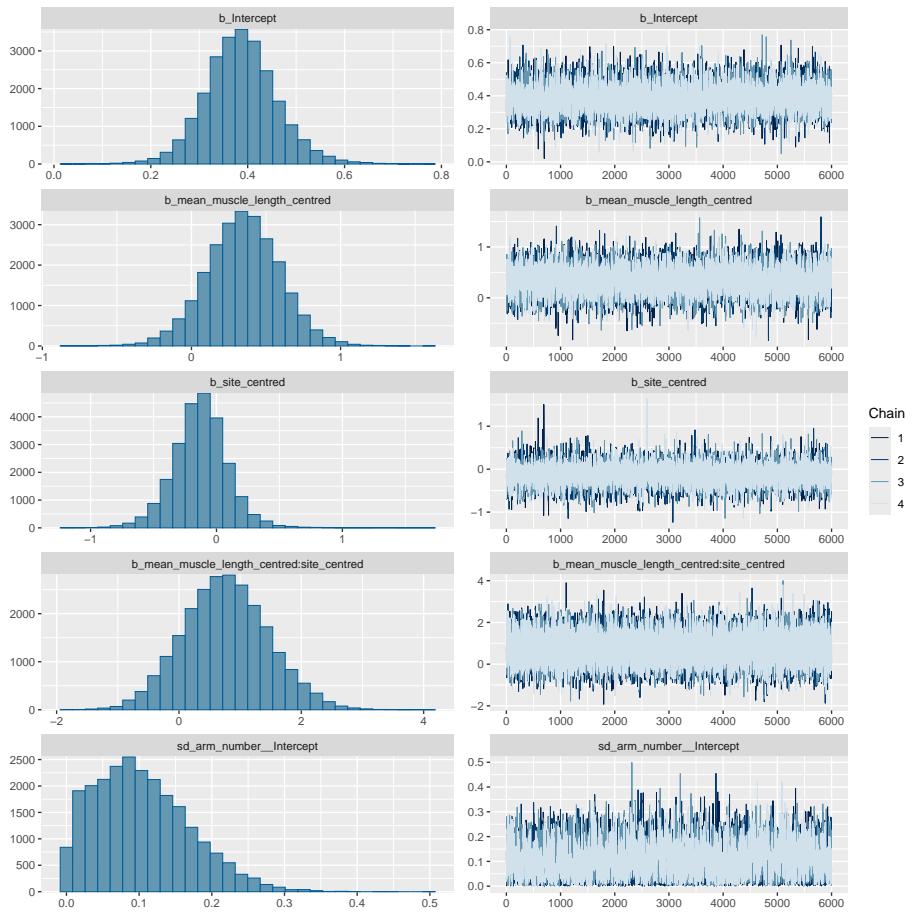
Main Model with Random Slopes - Uninformed Priors

\hat{R}

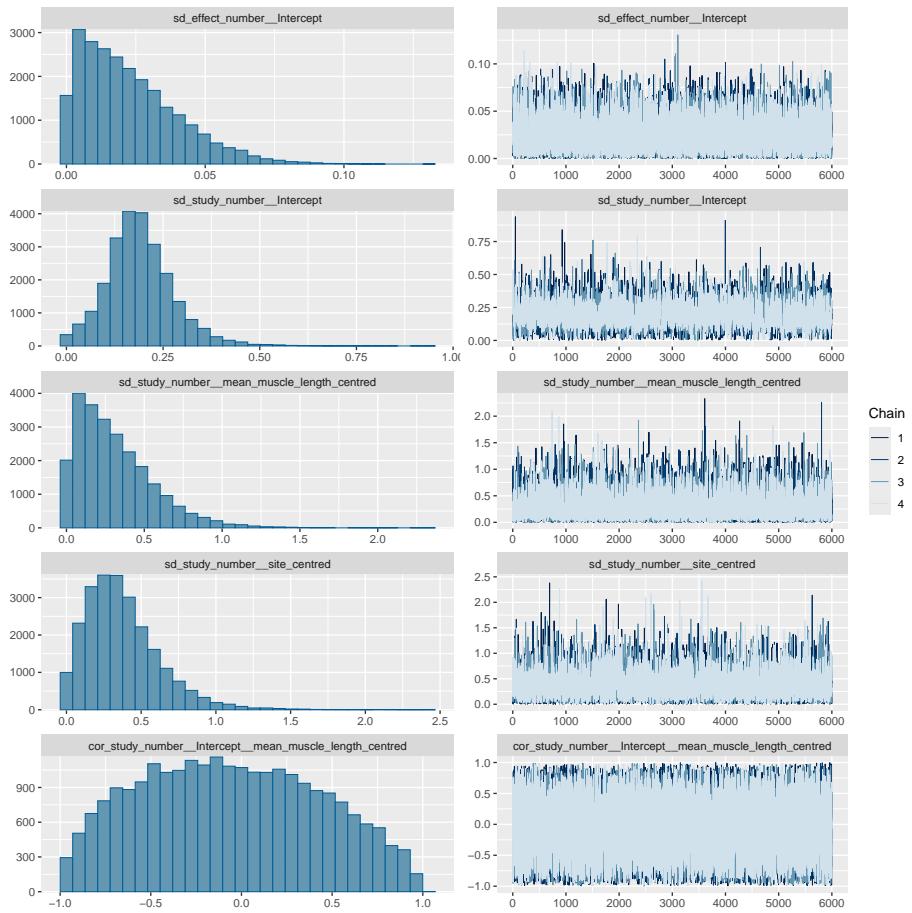


Trace plots

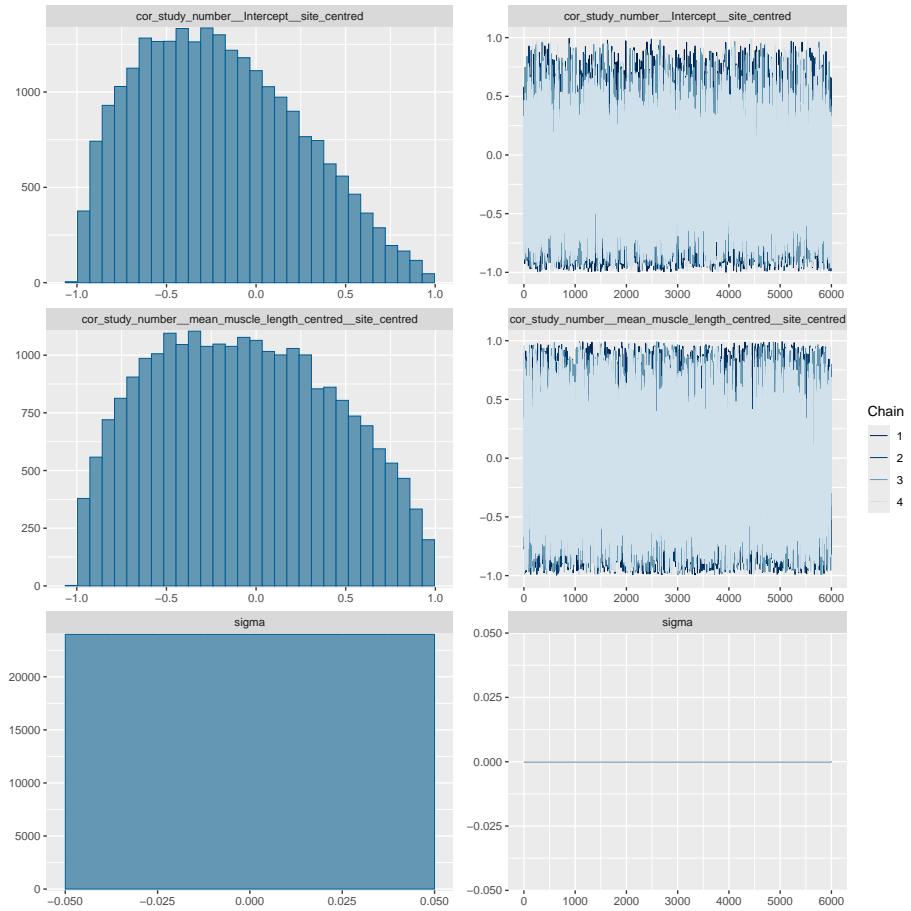
[[1]]



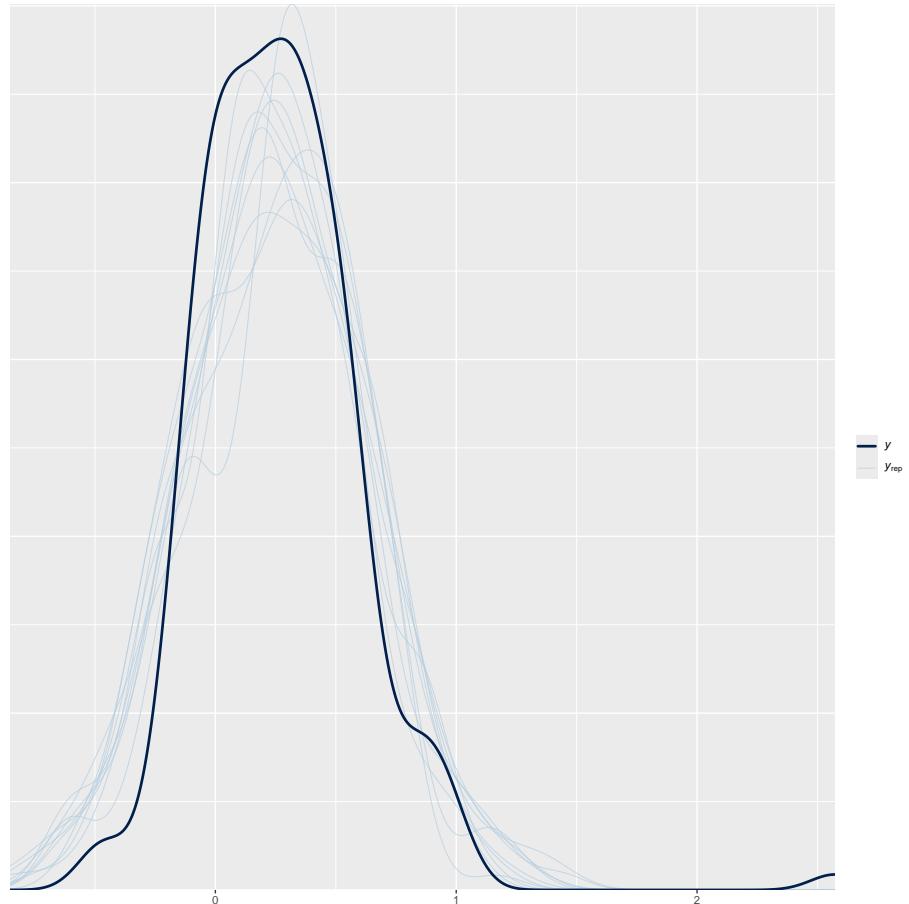
[[2]]



[[3]]

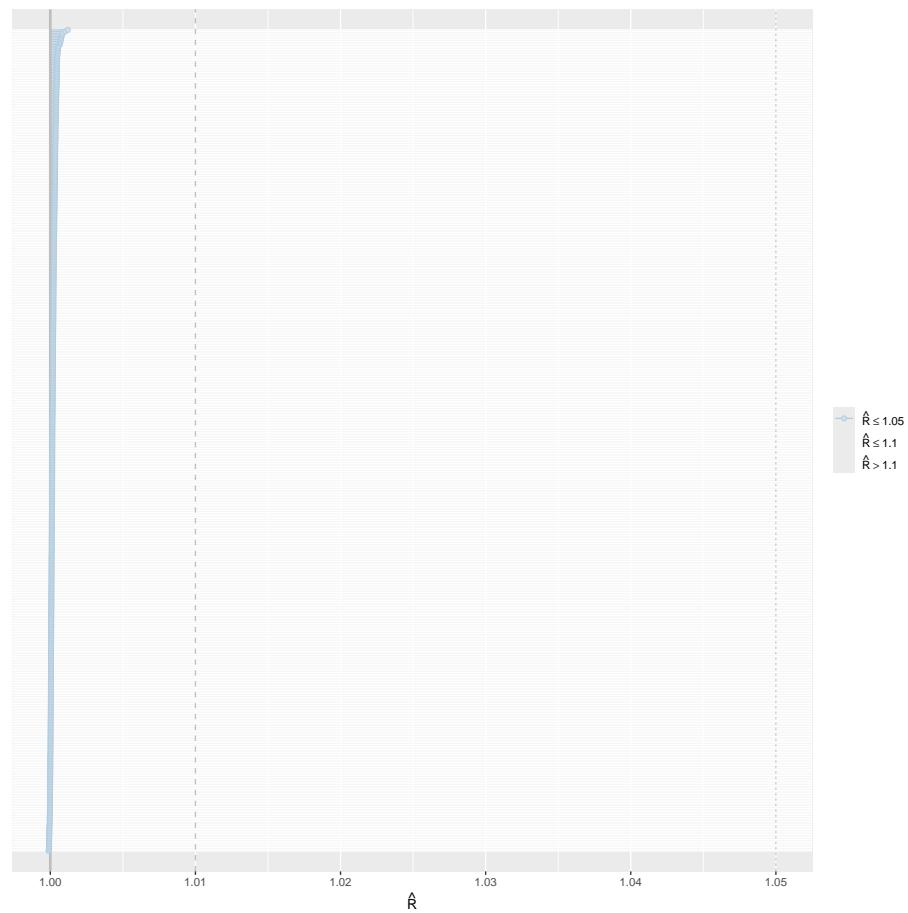


Posterior predictive check



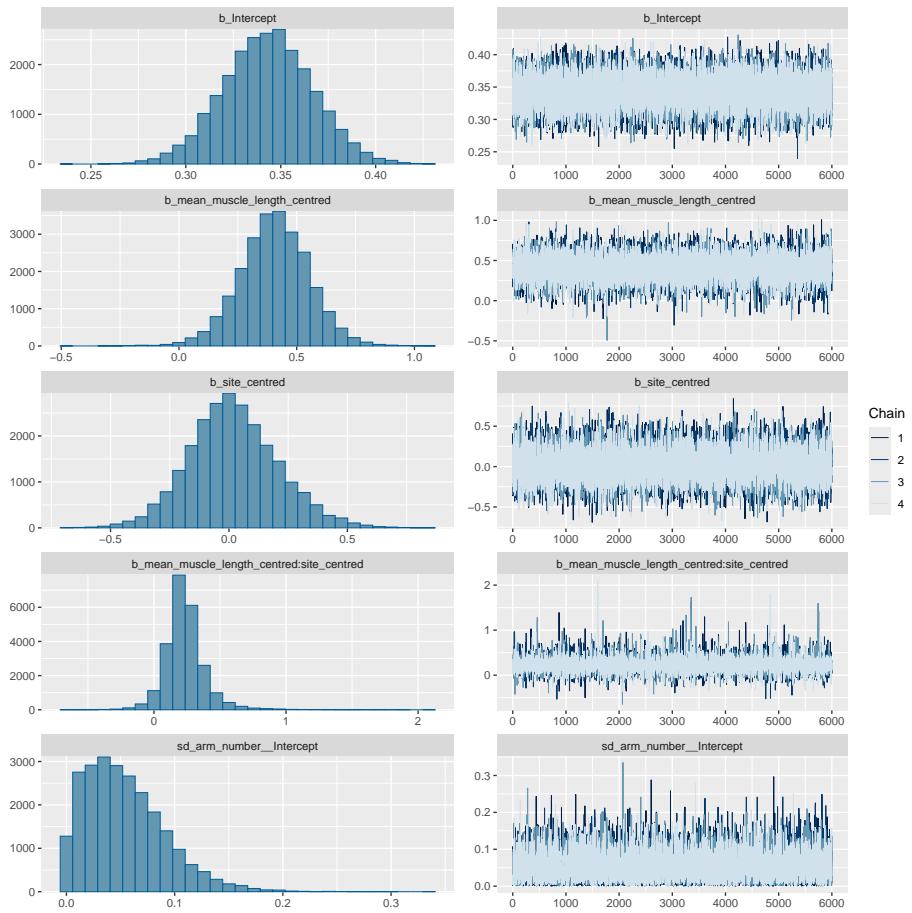
Main Model with Random Slopes - Dorian Varovic and Brad Schoenfeld Priors

\hat{R}

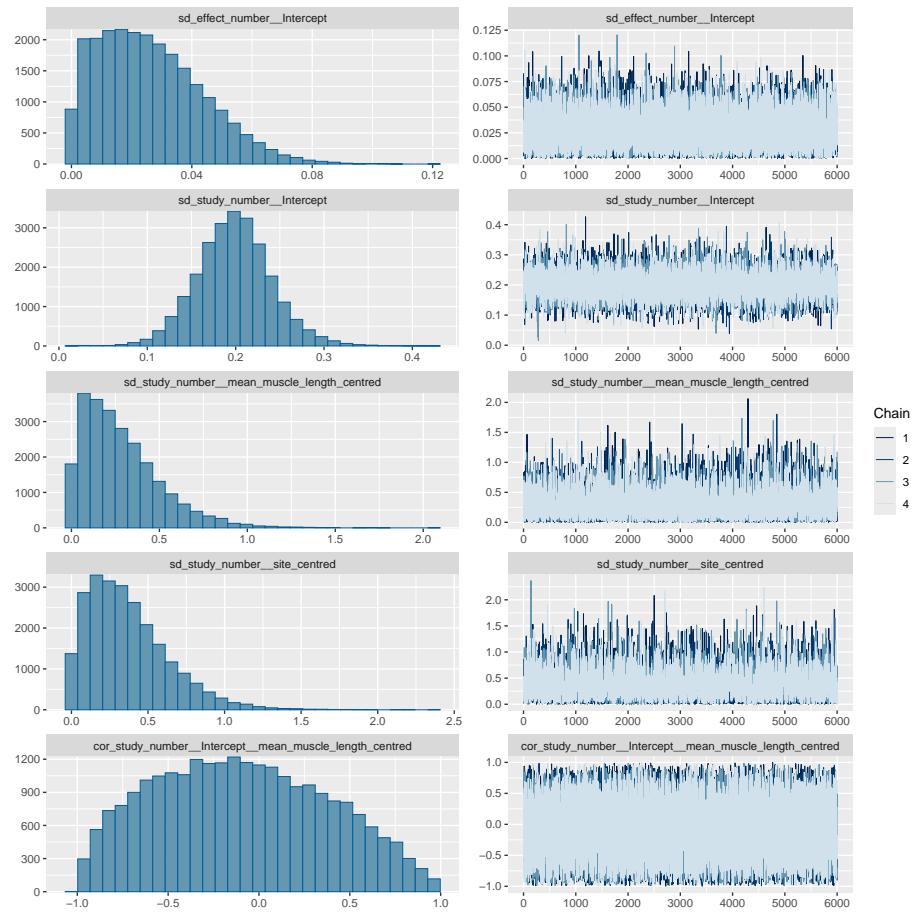


Trace plots

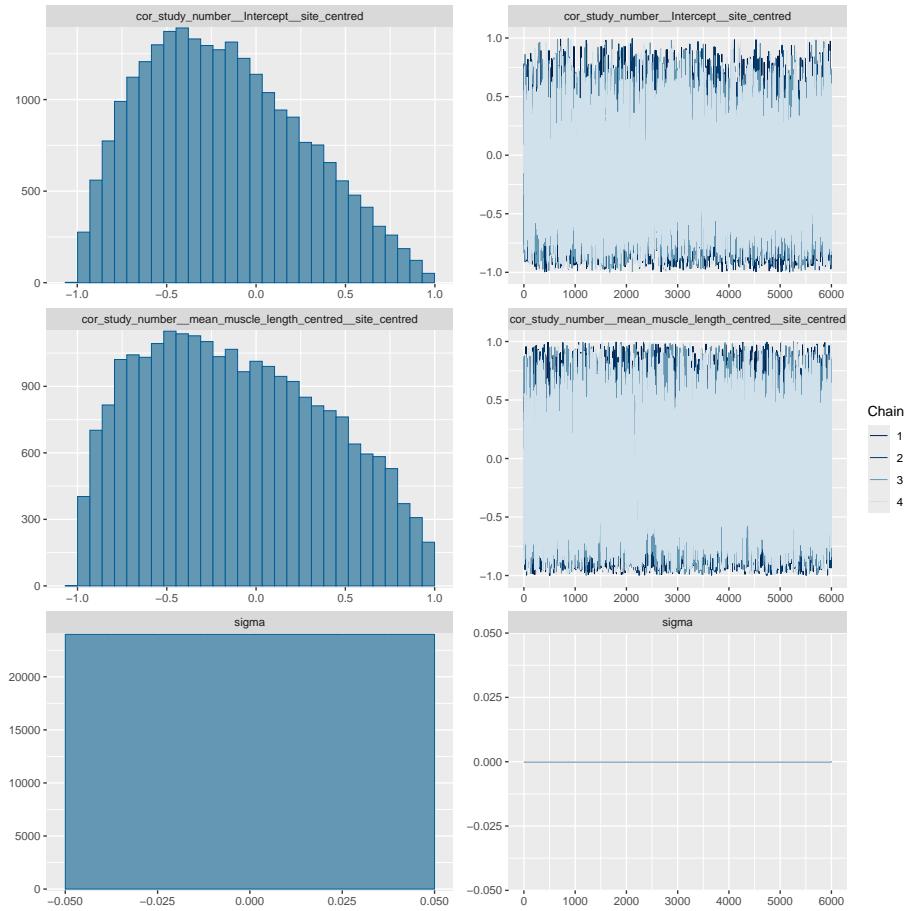
[[1]]



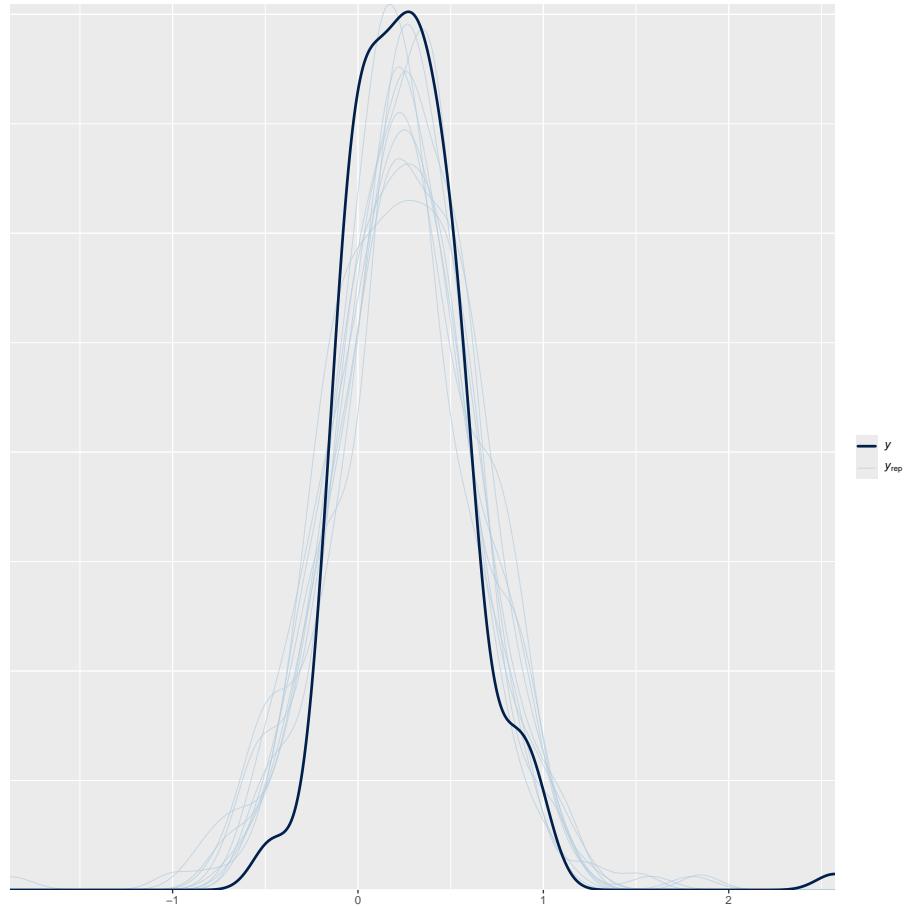
[[2]]



[[3]]

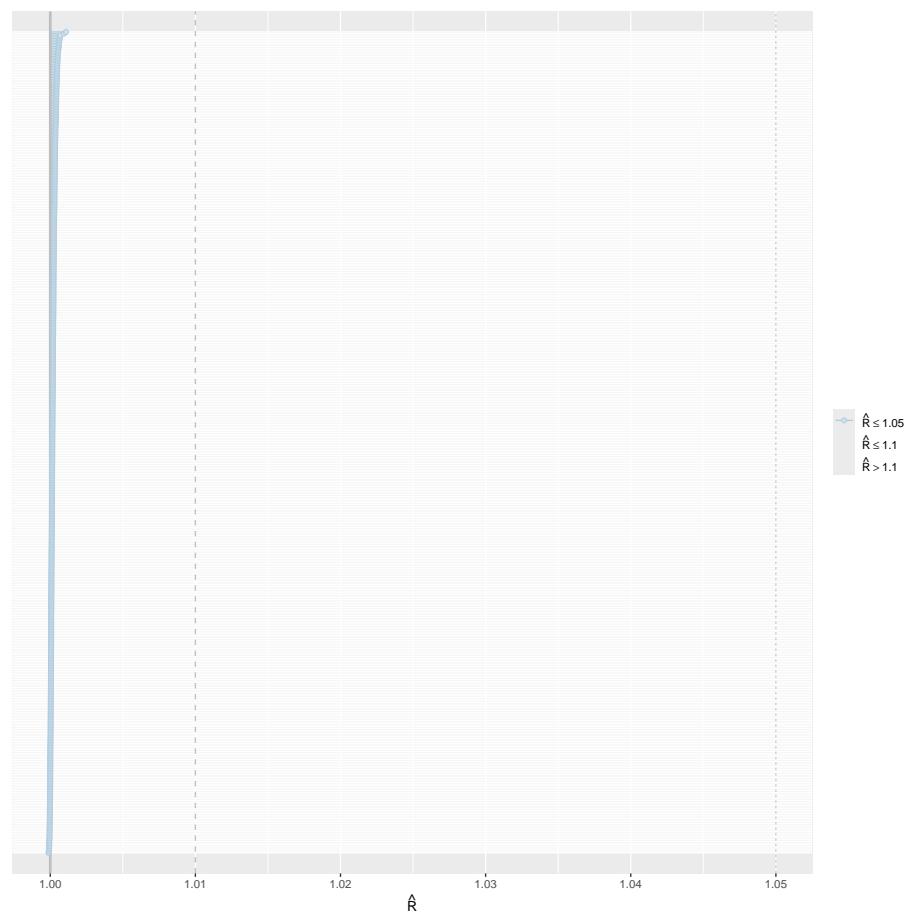


Posterior predictive check



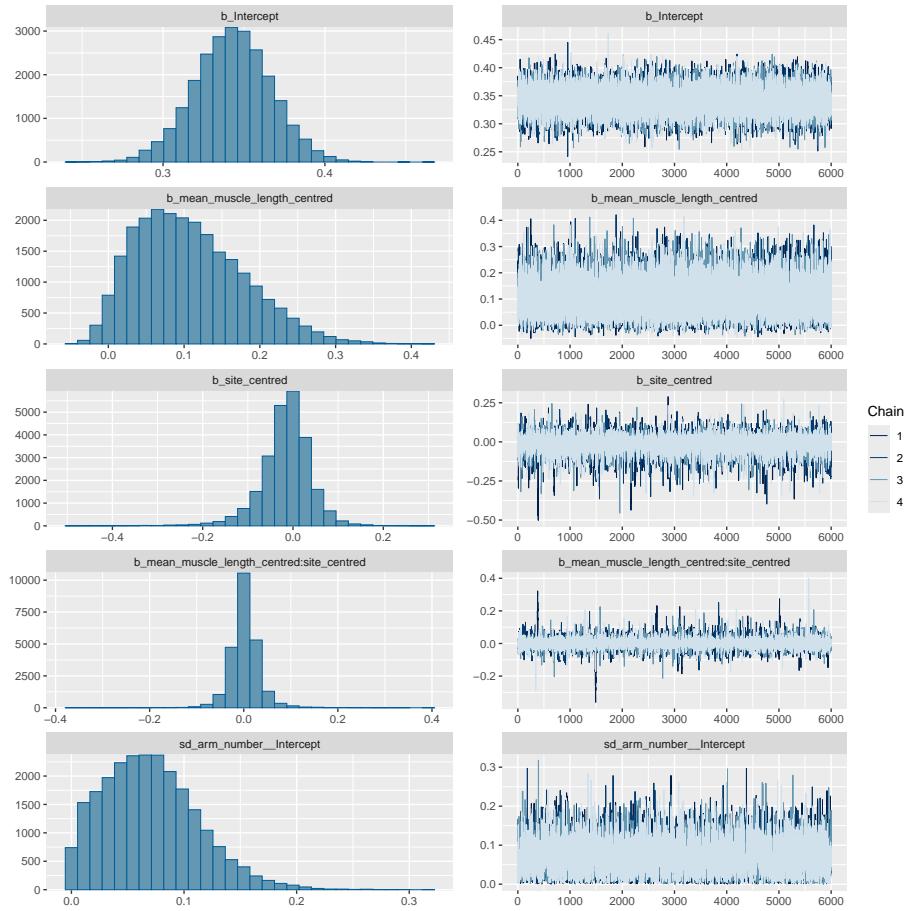
Main Model with Random Slopes - James Steele Priors

\hat{R}

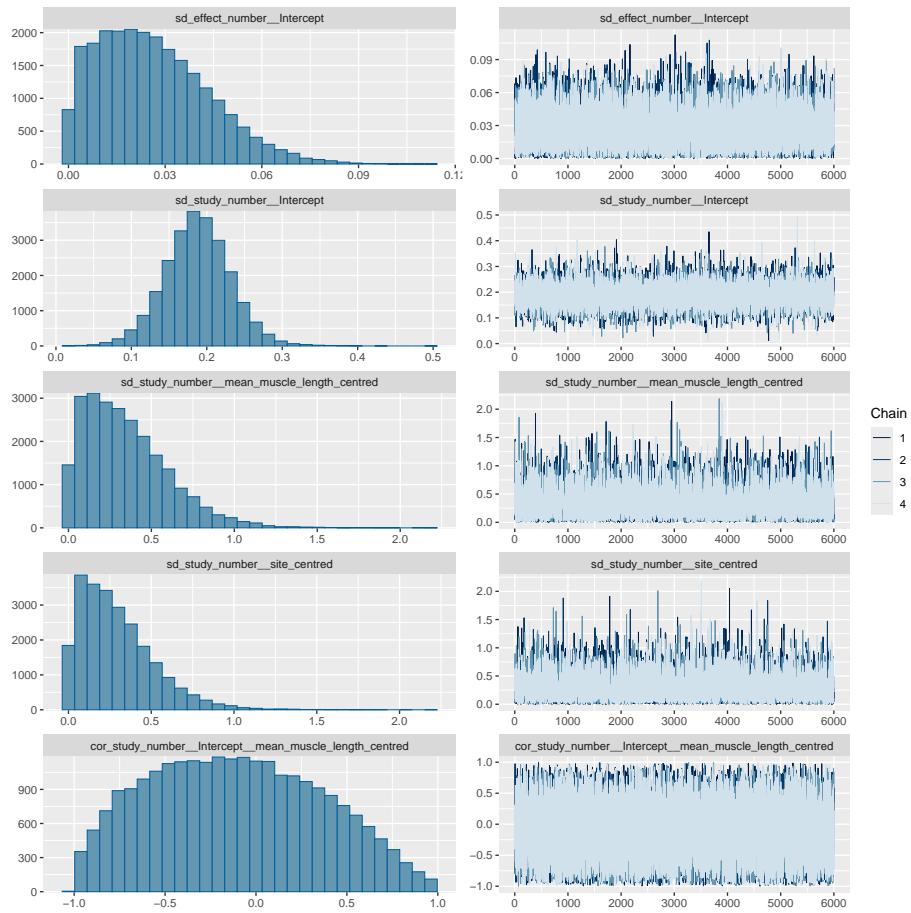


Trace plots

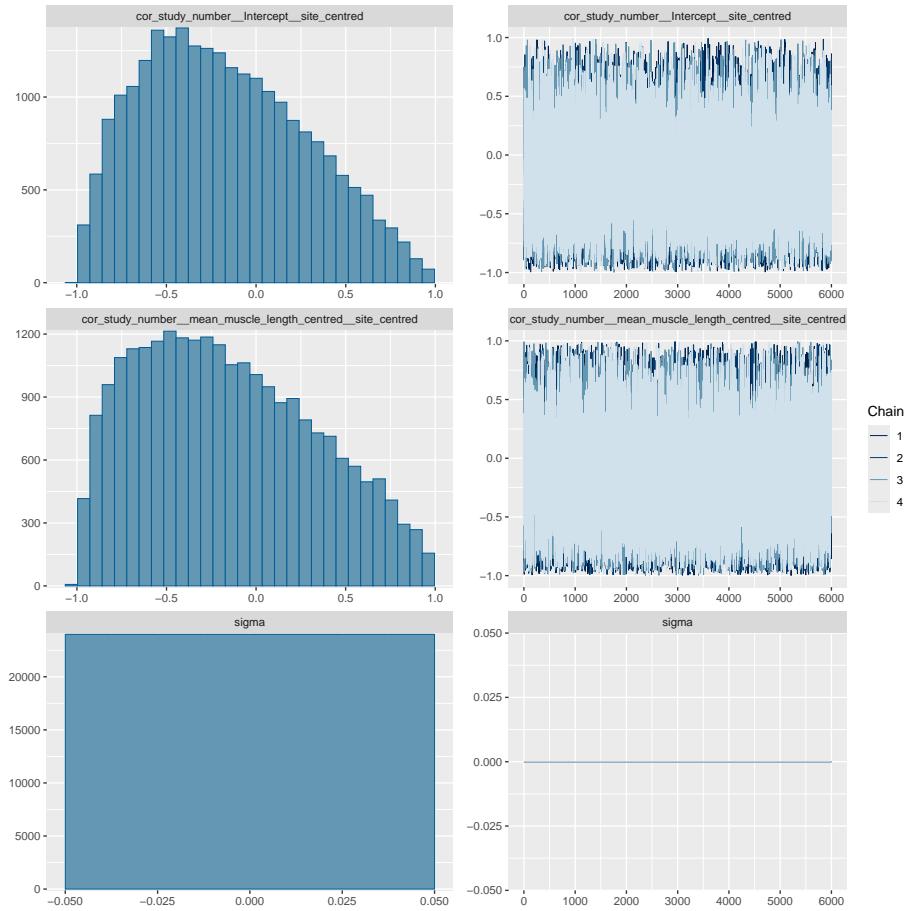
[[1]]



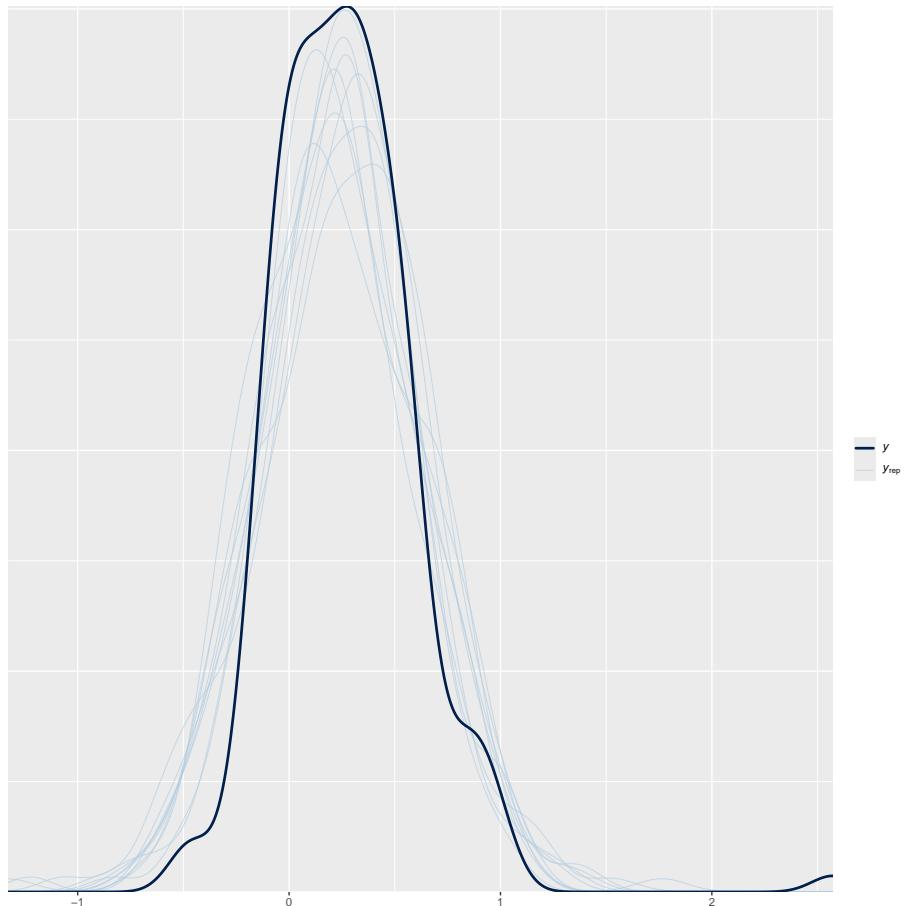
[[2]]



[[3]]



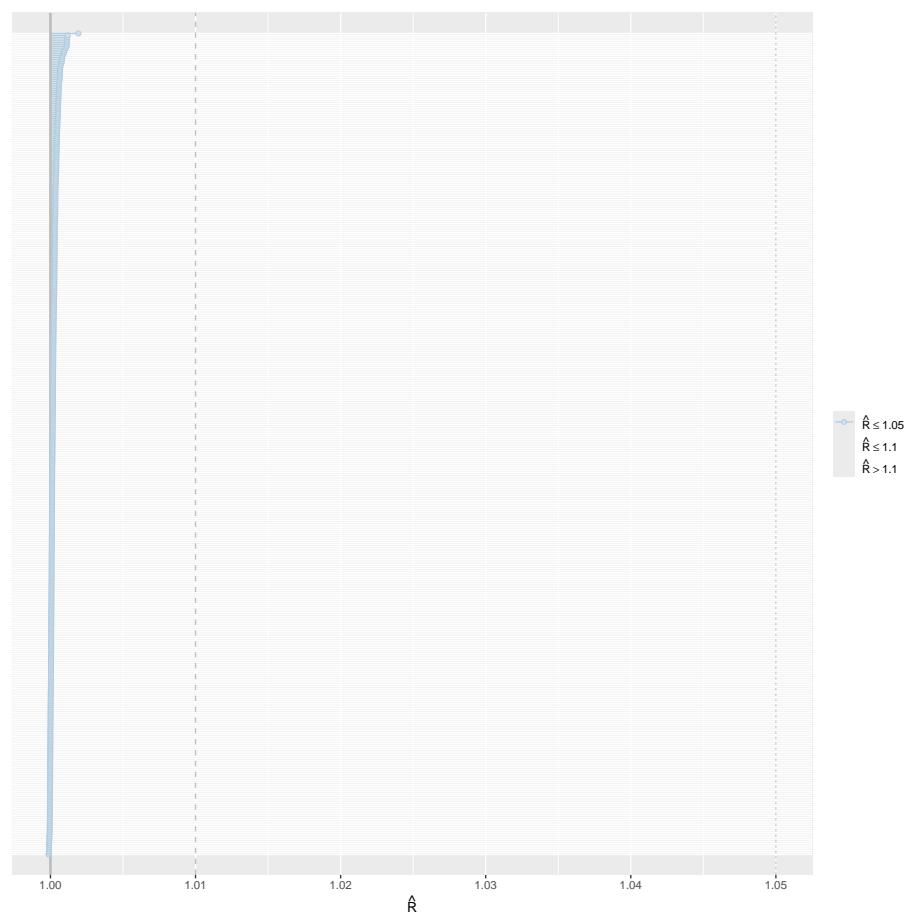
Posterior predictive check



Log Response Ratio Models

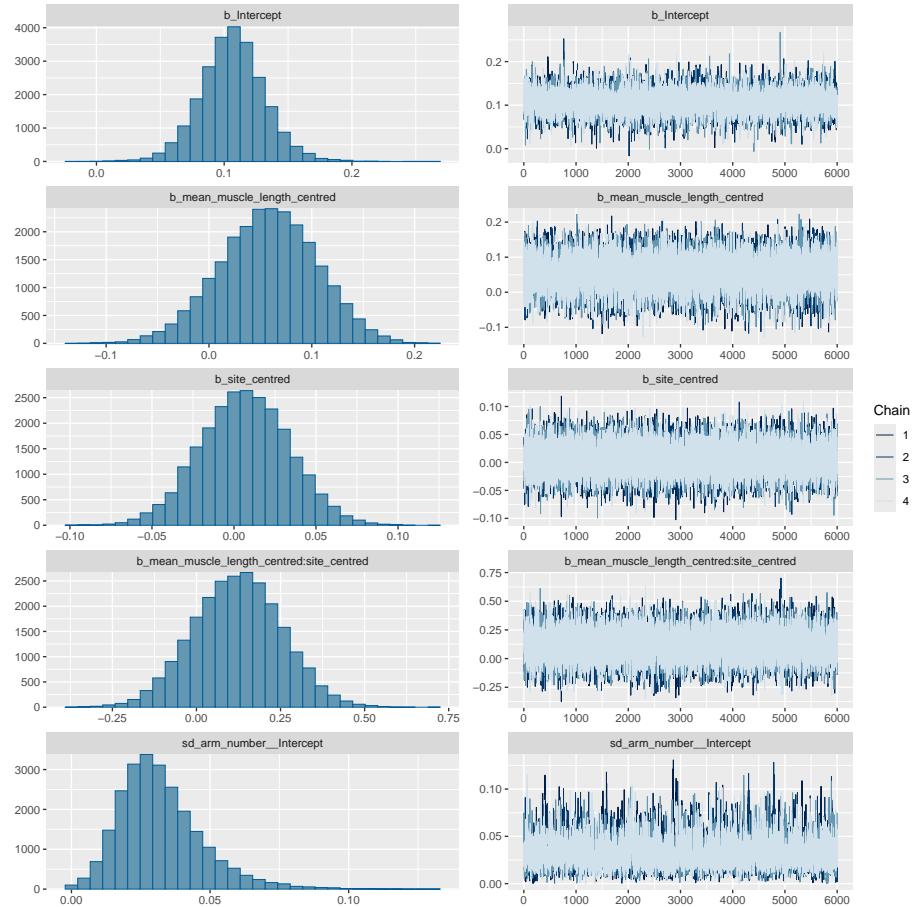
Main Model - Uninformed Priors

\hat{R}

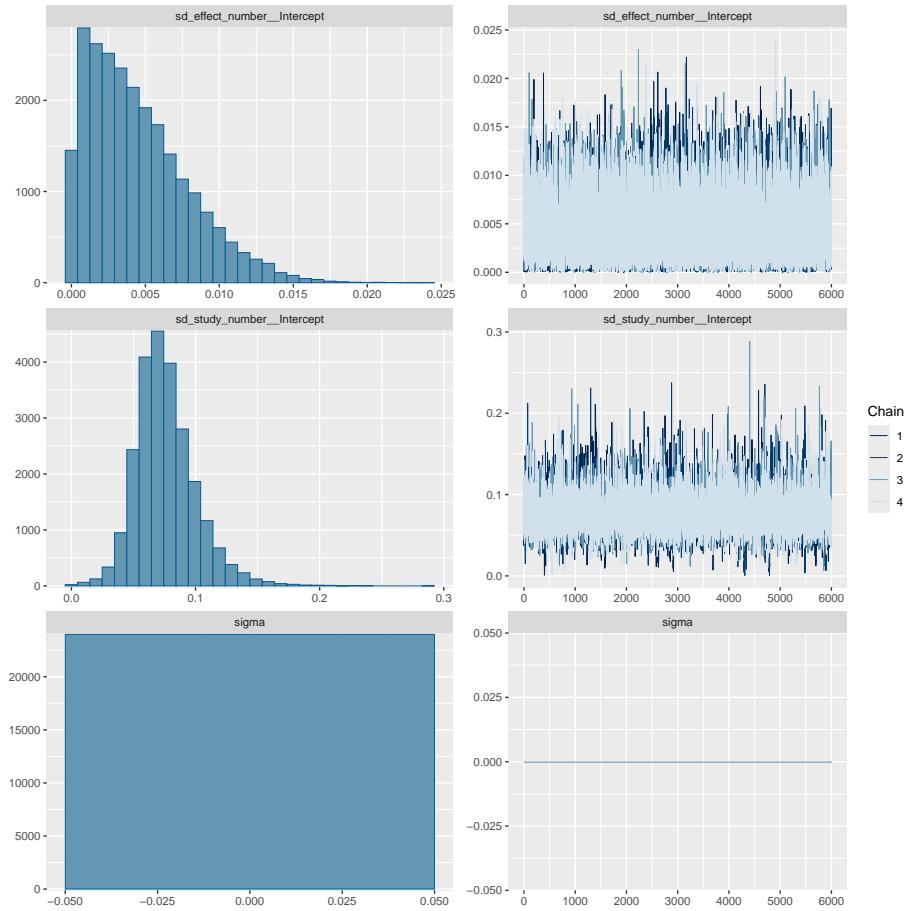


Trace plots

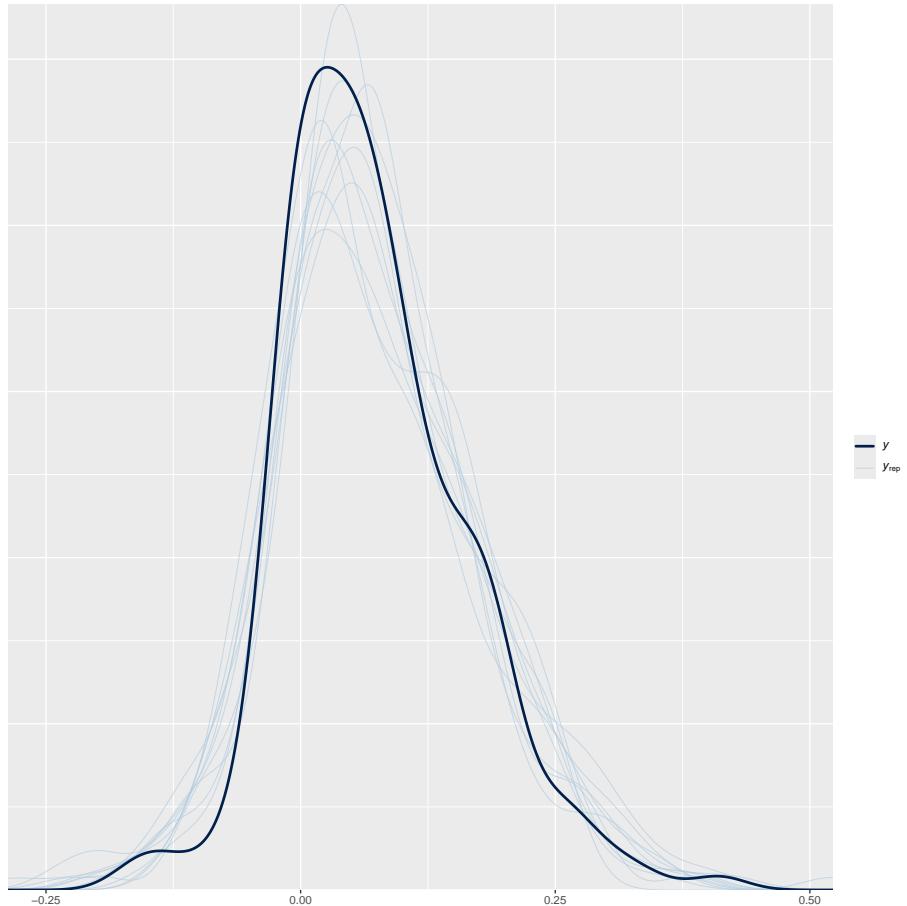
[[1]]



[[2]]

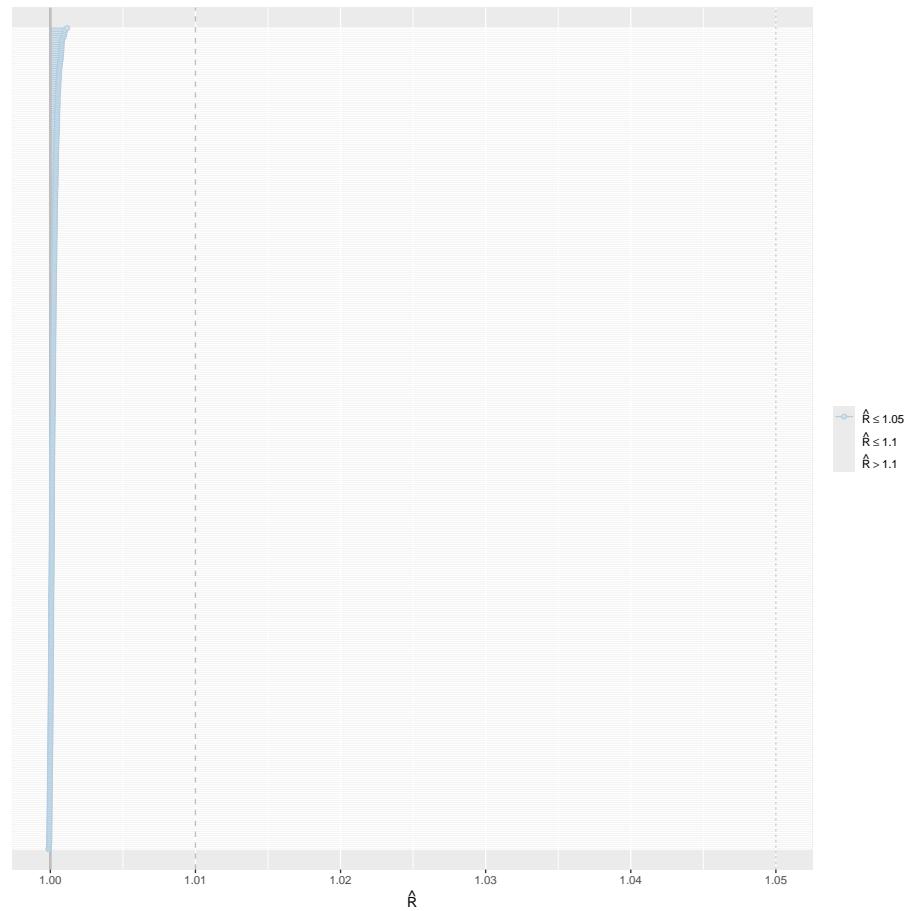


Posterior predictive check



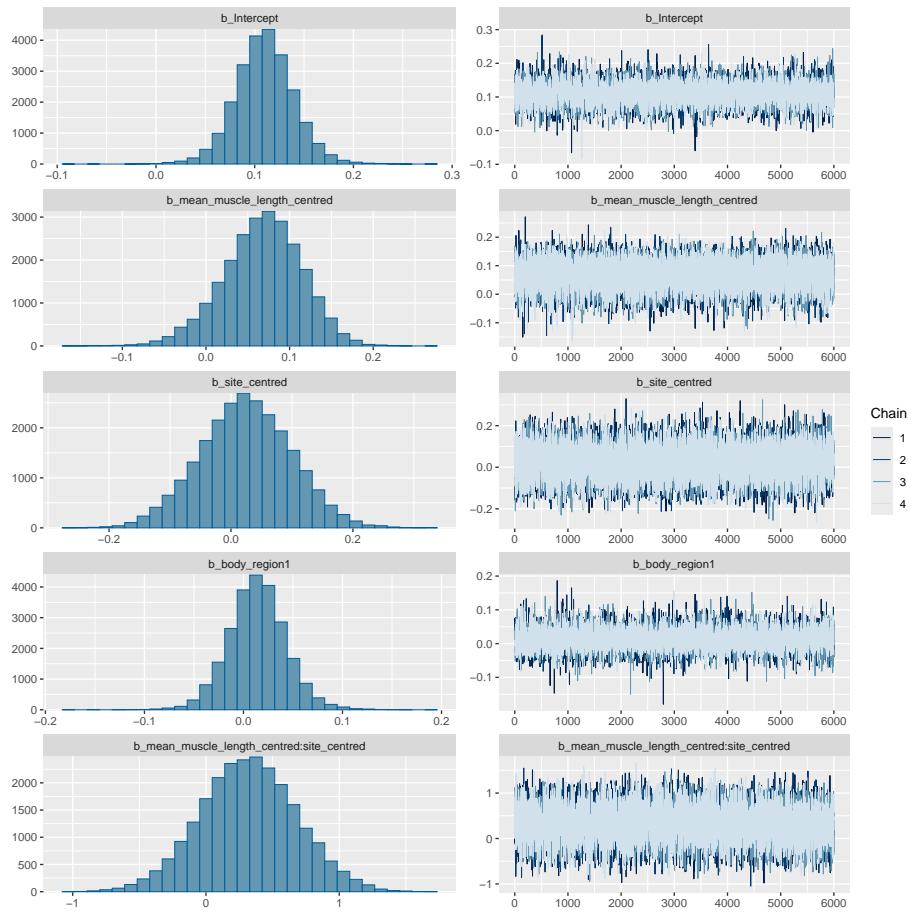
Upper vs Lower Body Model - Uninformed Priors

\hat{R}

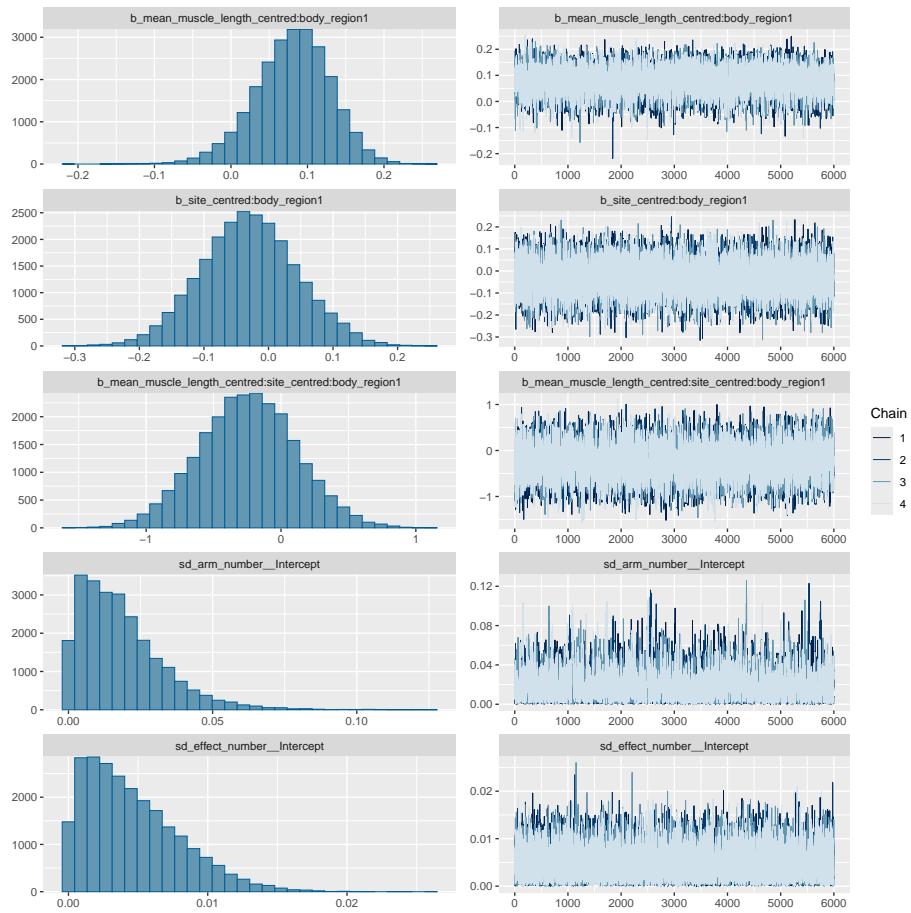


Trace plots

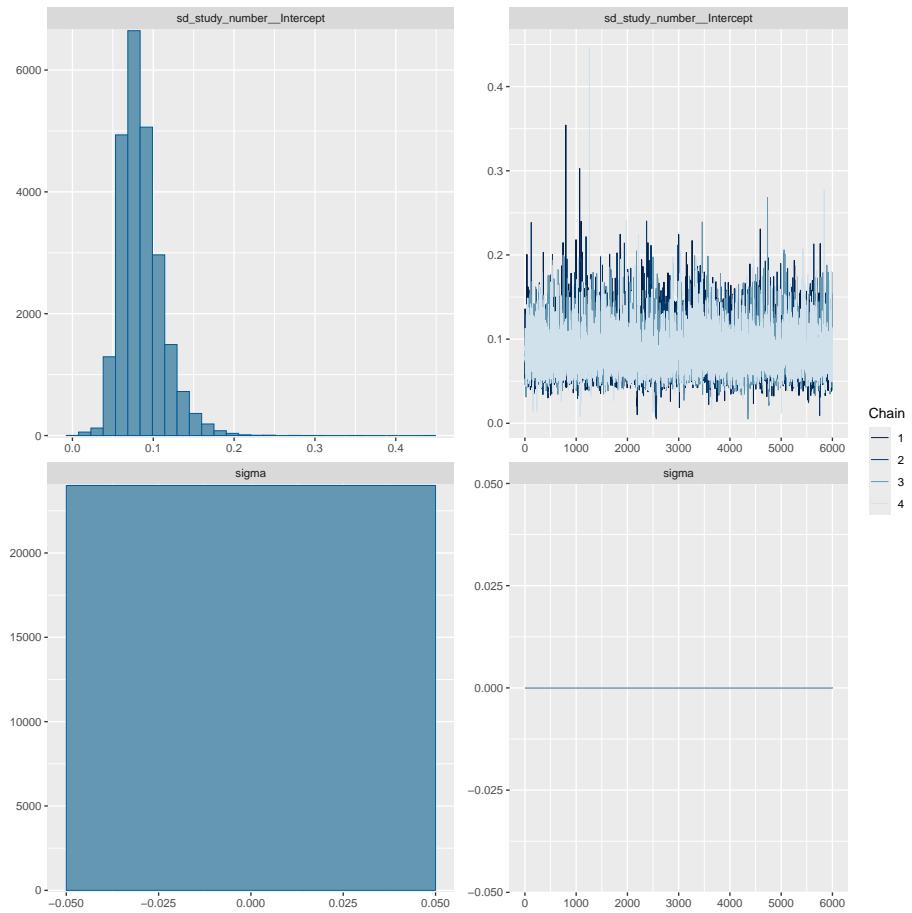
[[1]]



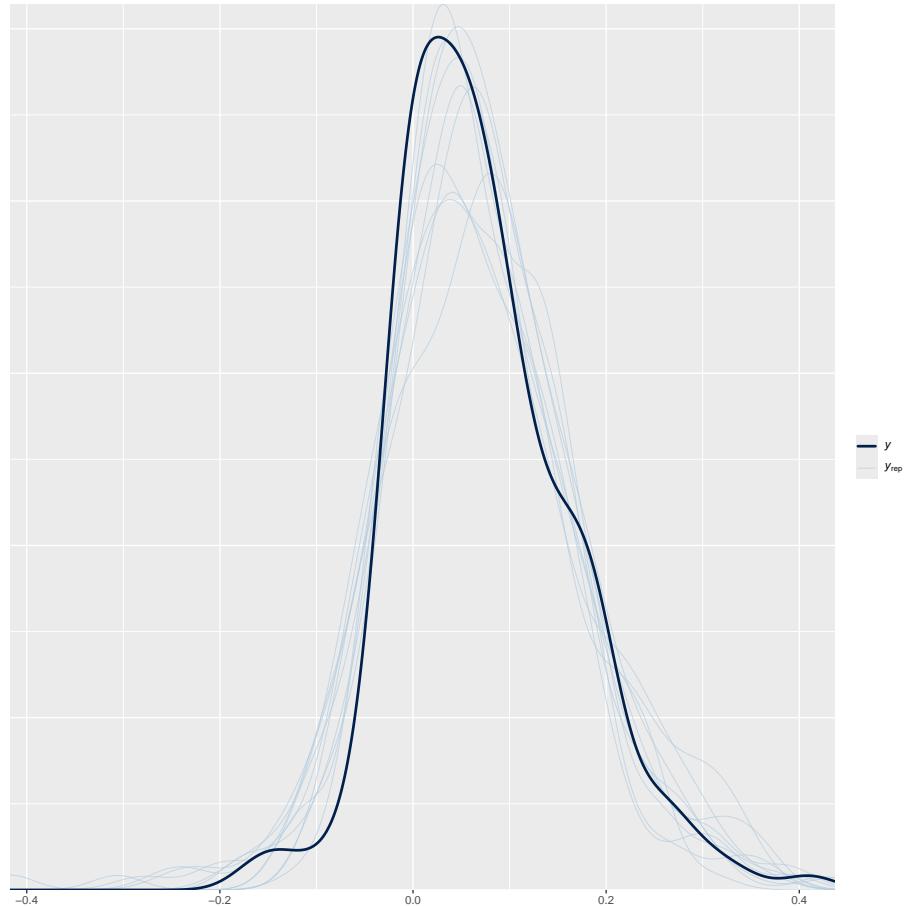
[[2]]



[[3]]

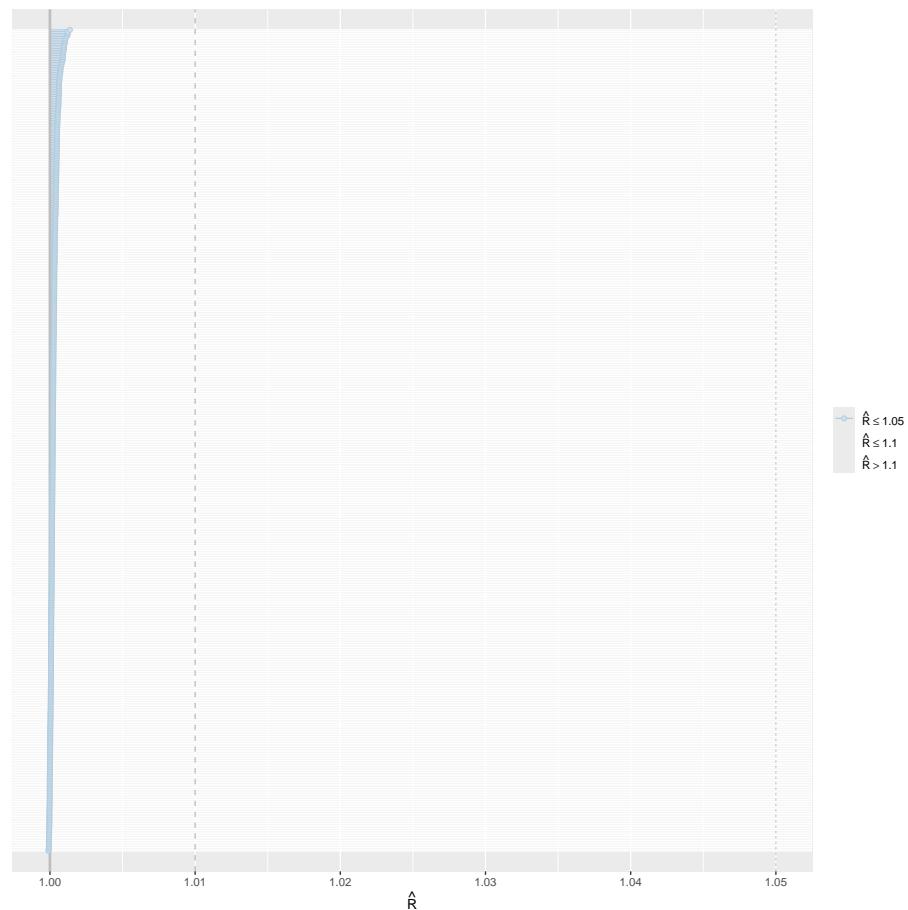


Posterior predictive check



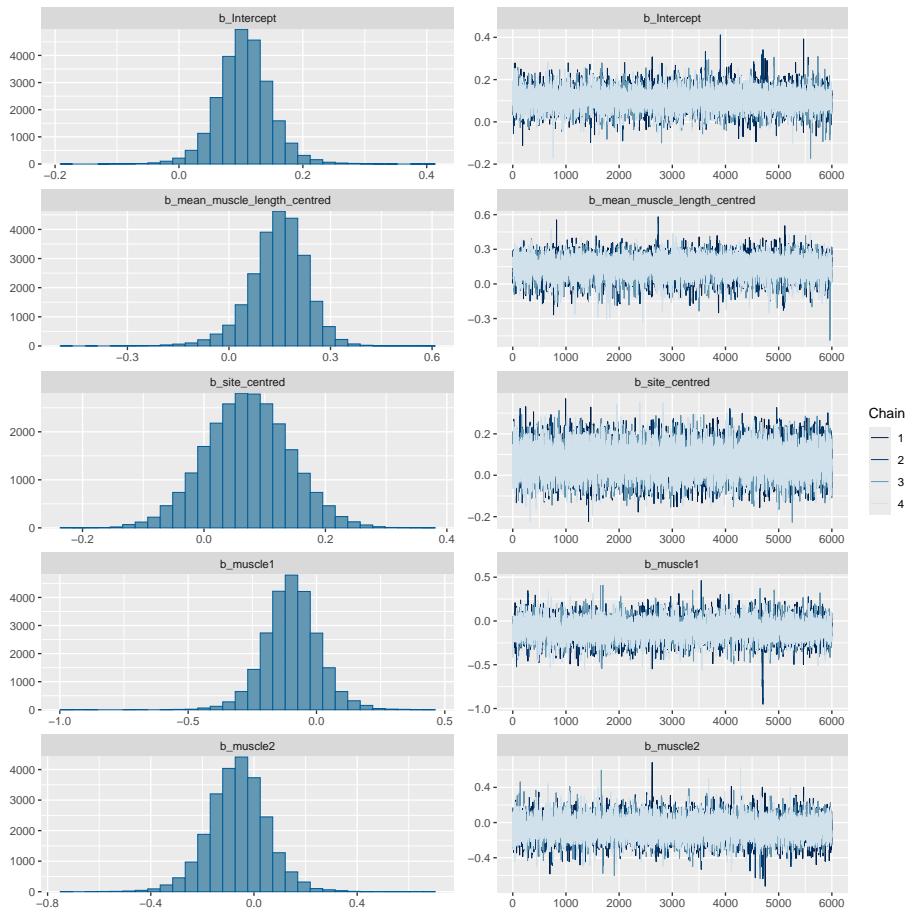
Muscle Group Model - Uninformed Priors

\hat{R}

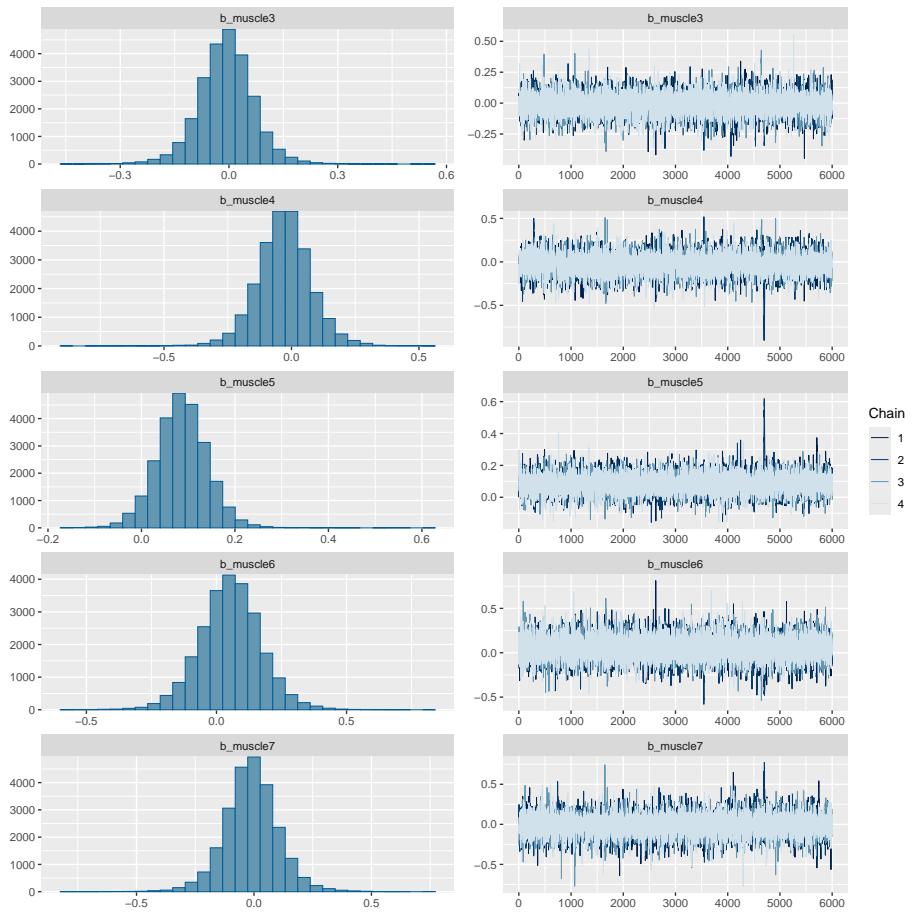


Trace plots

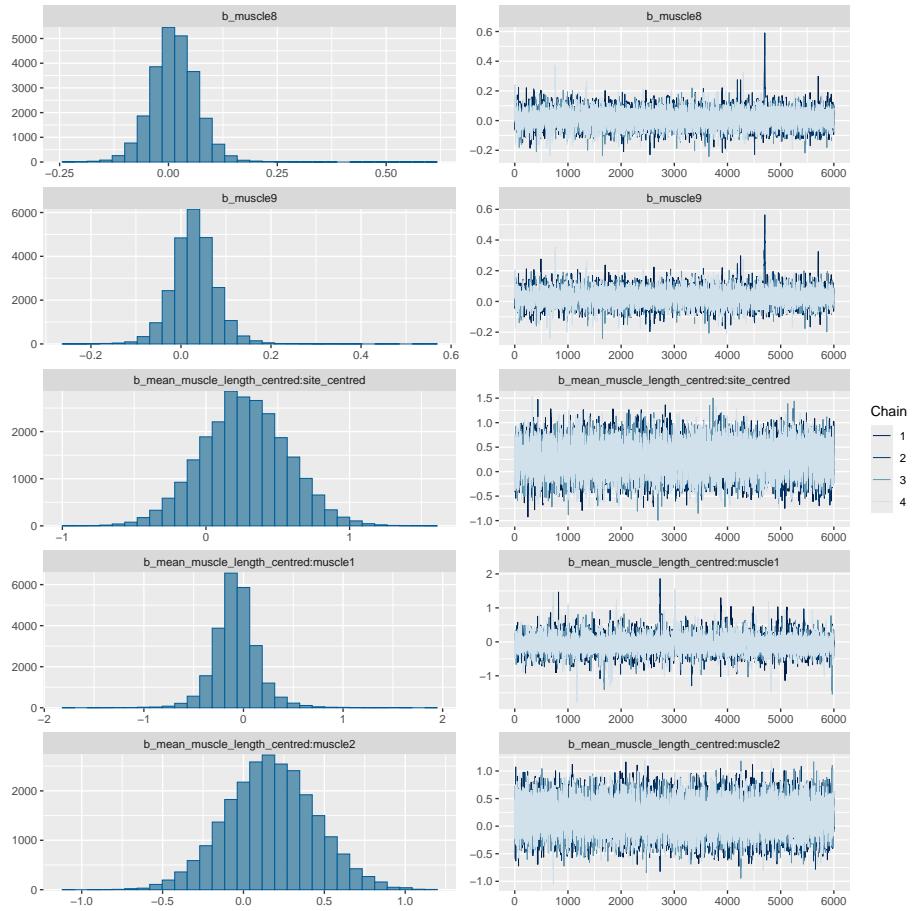
[[1]]



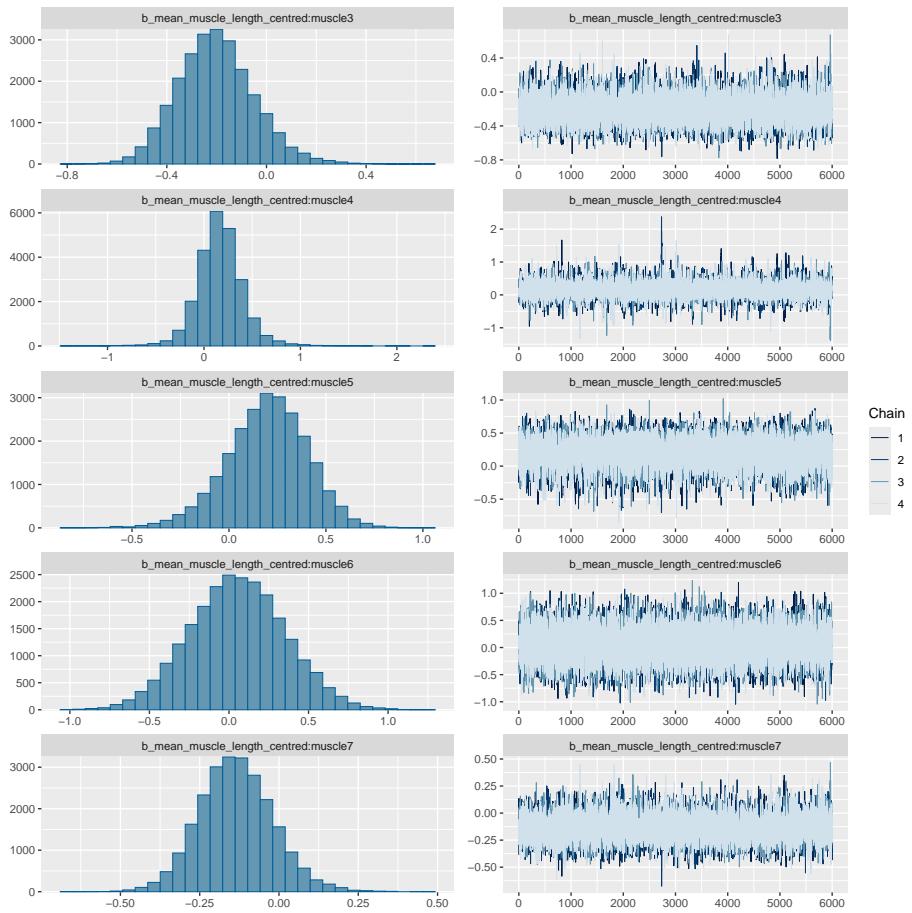
[[2]]



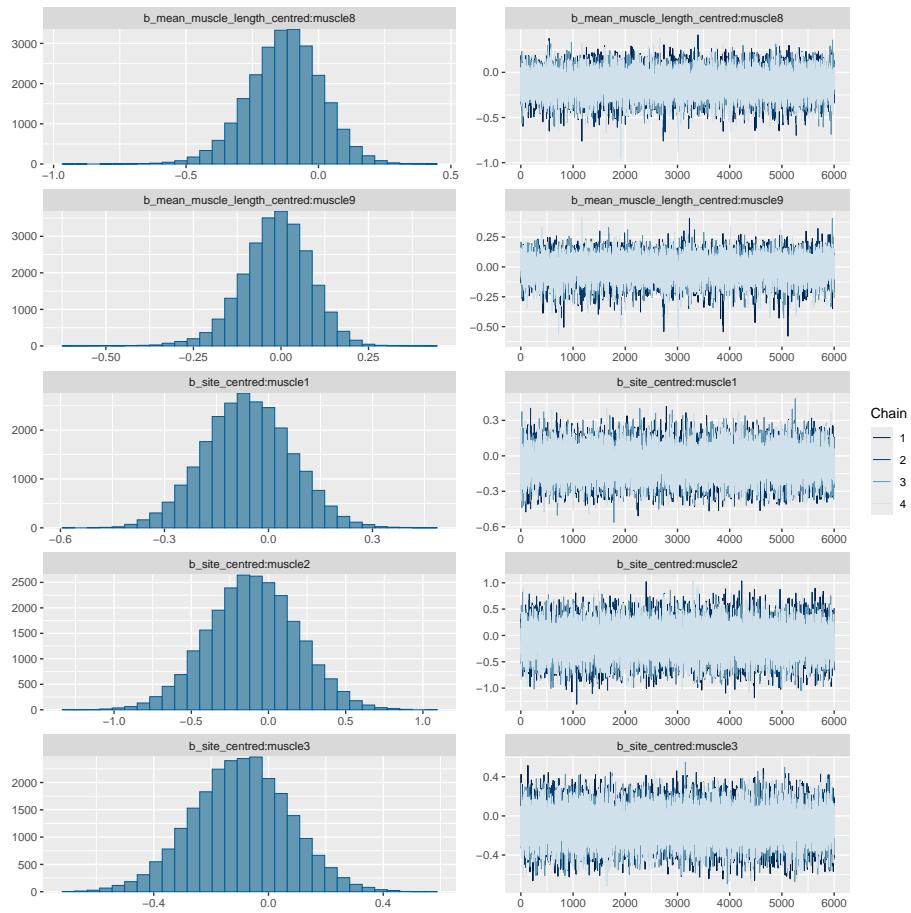
[[3]]



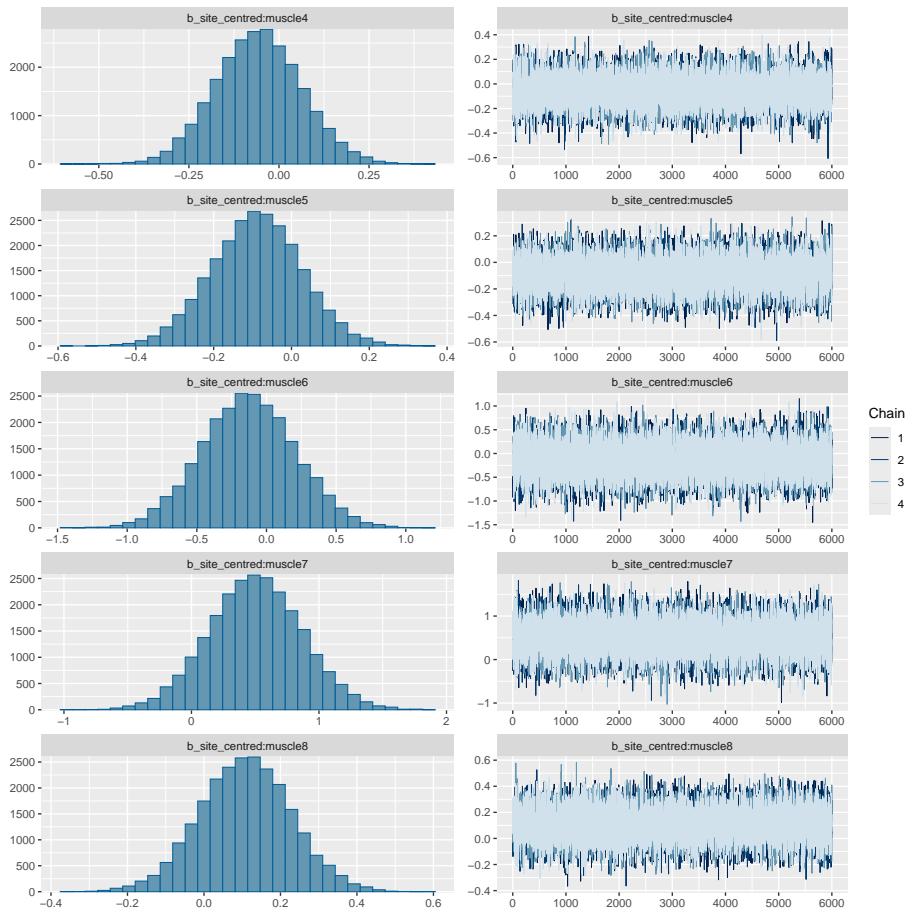
[[4]]



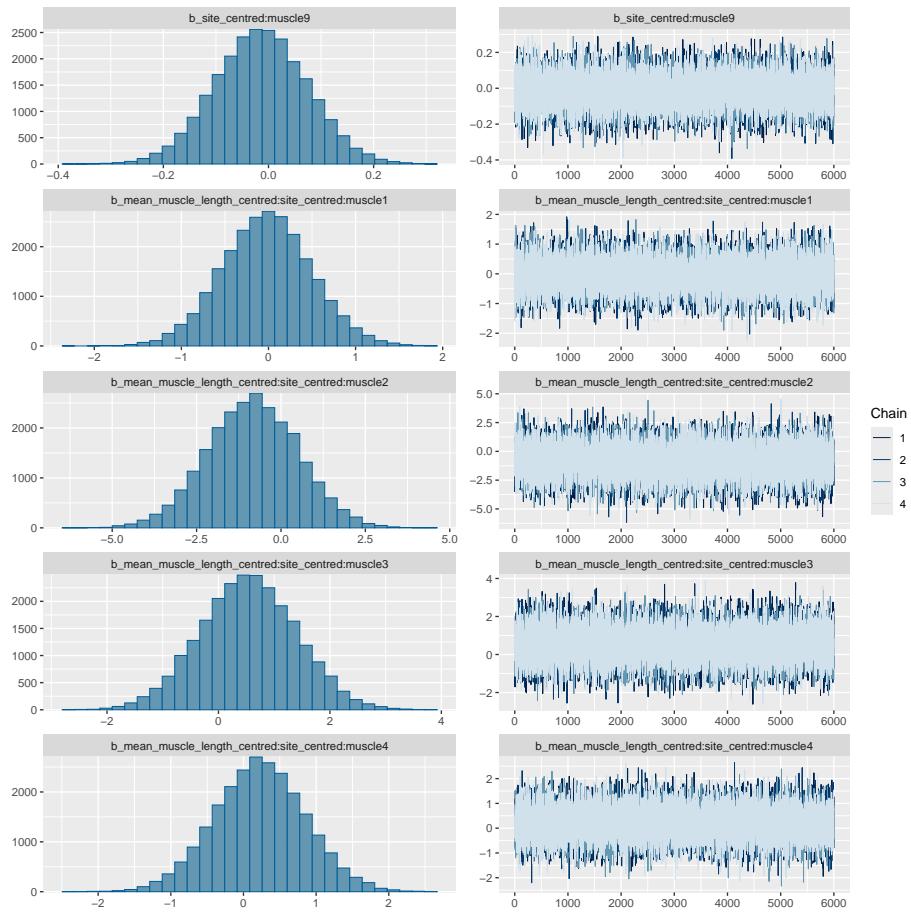
[[5]]



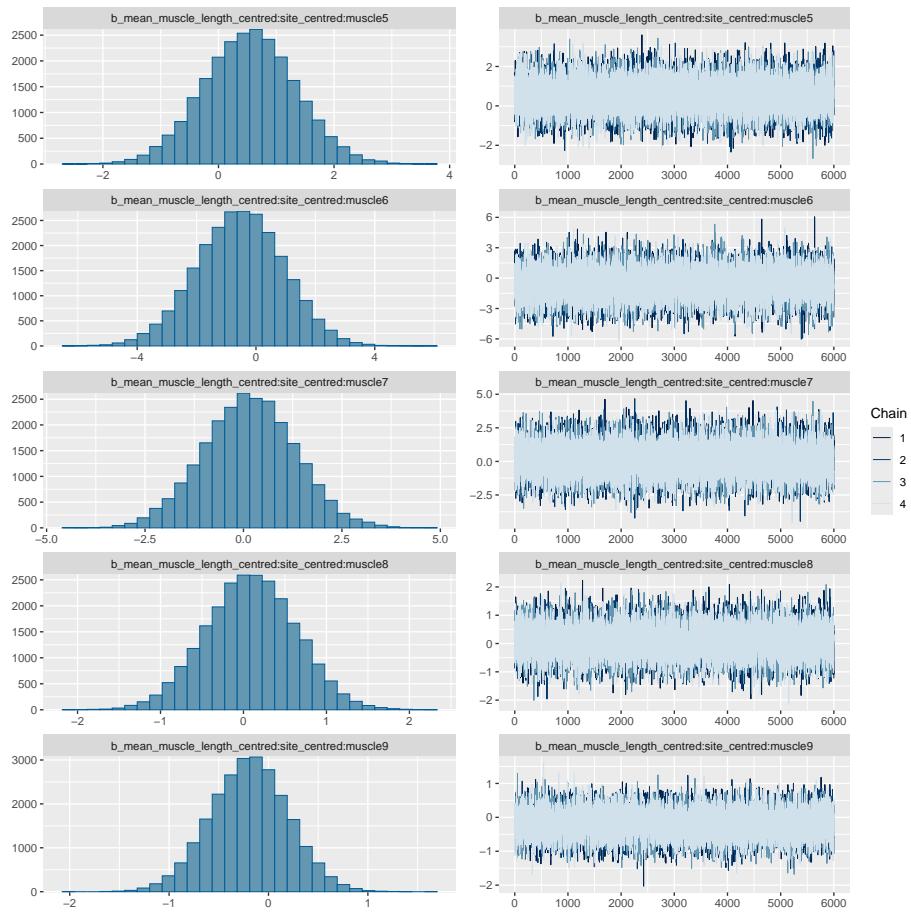
[[6]]



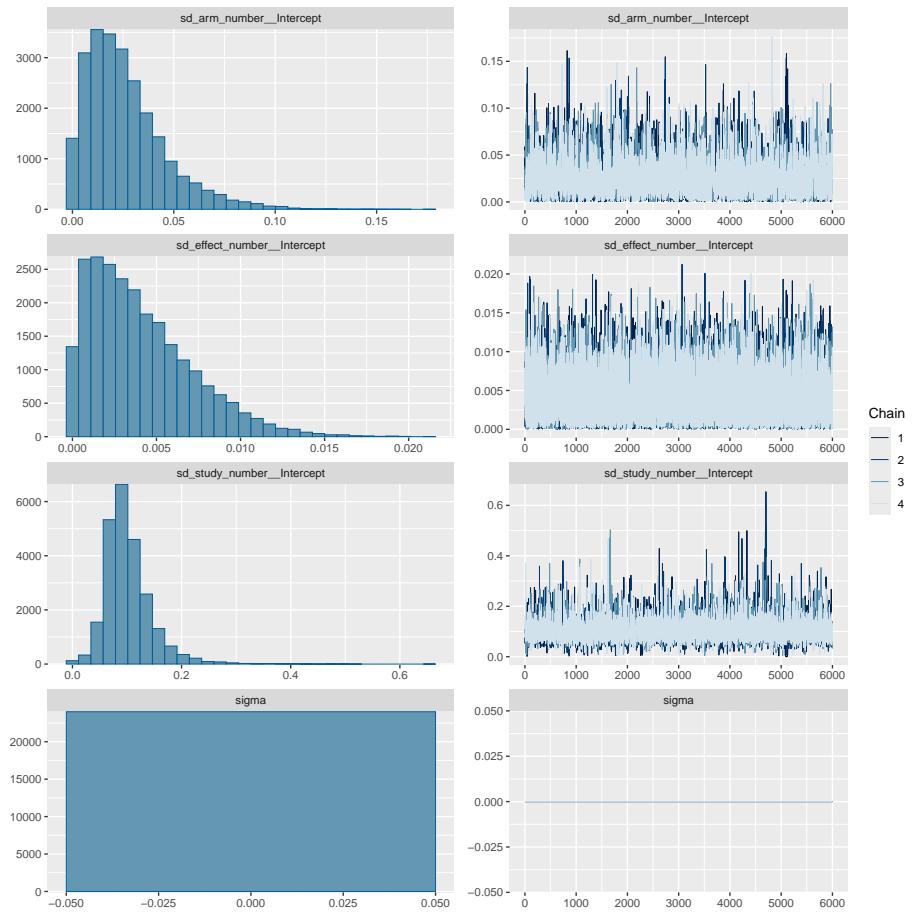
[[7]]



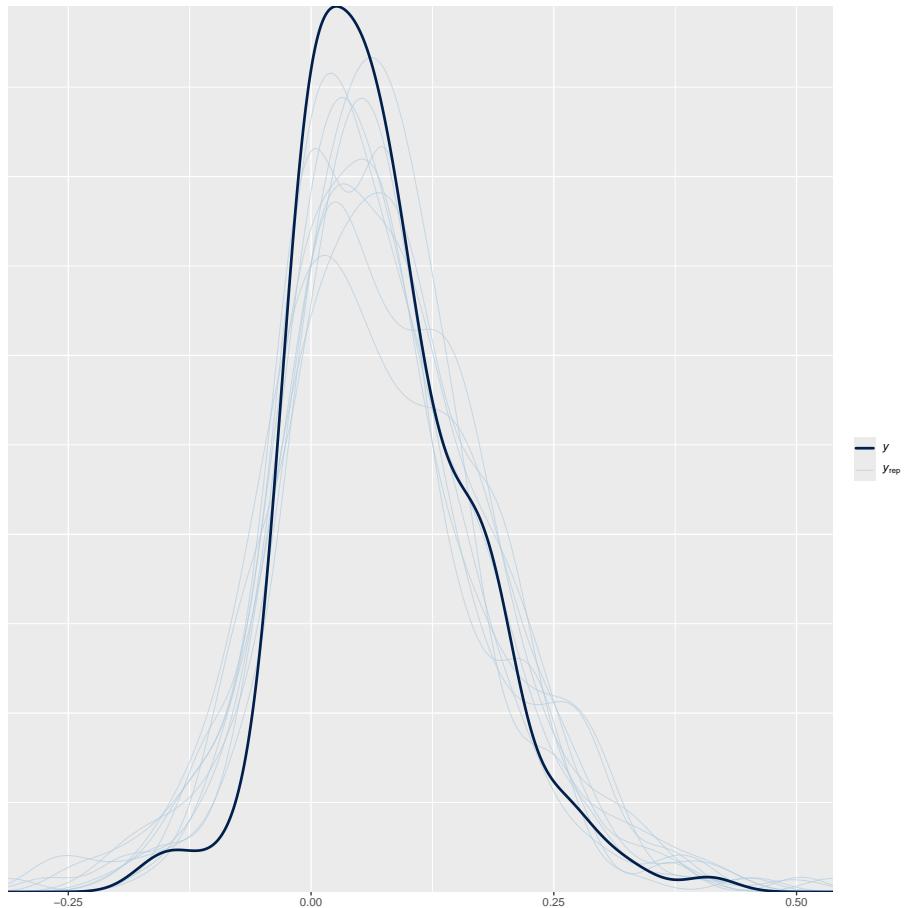
[[8]]



[[9]]

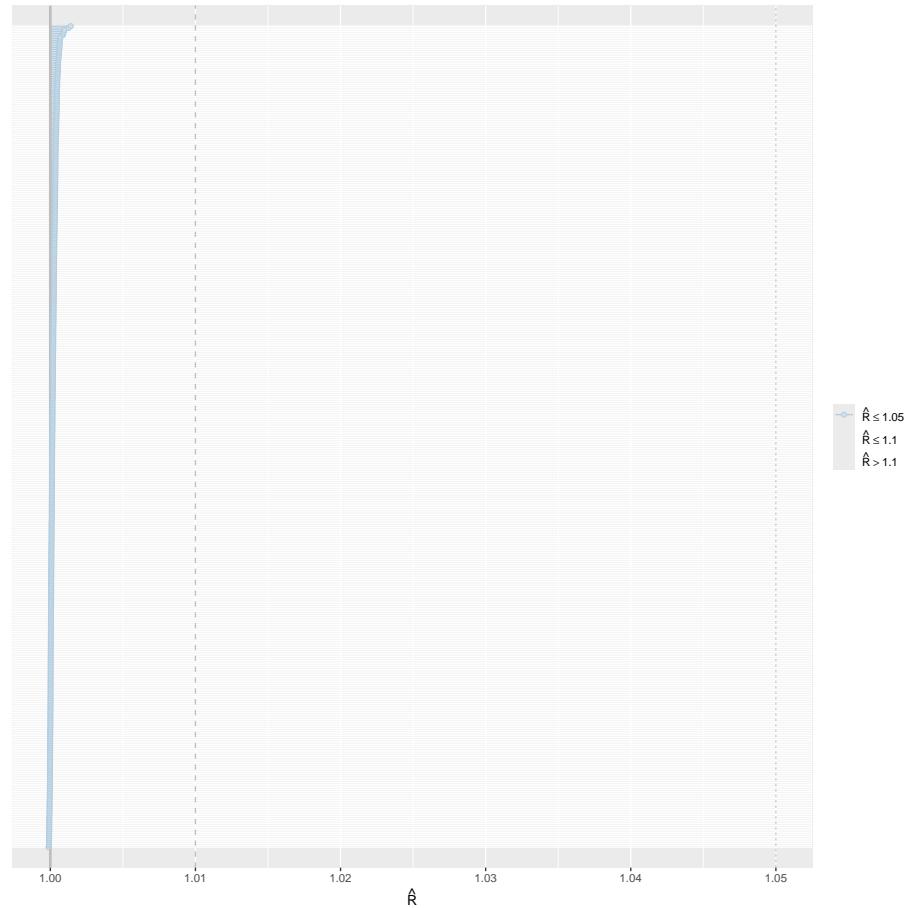


Posterior predictive check



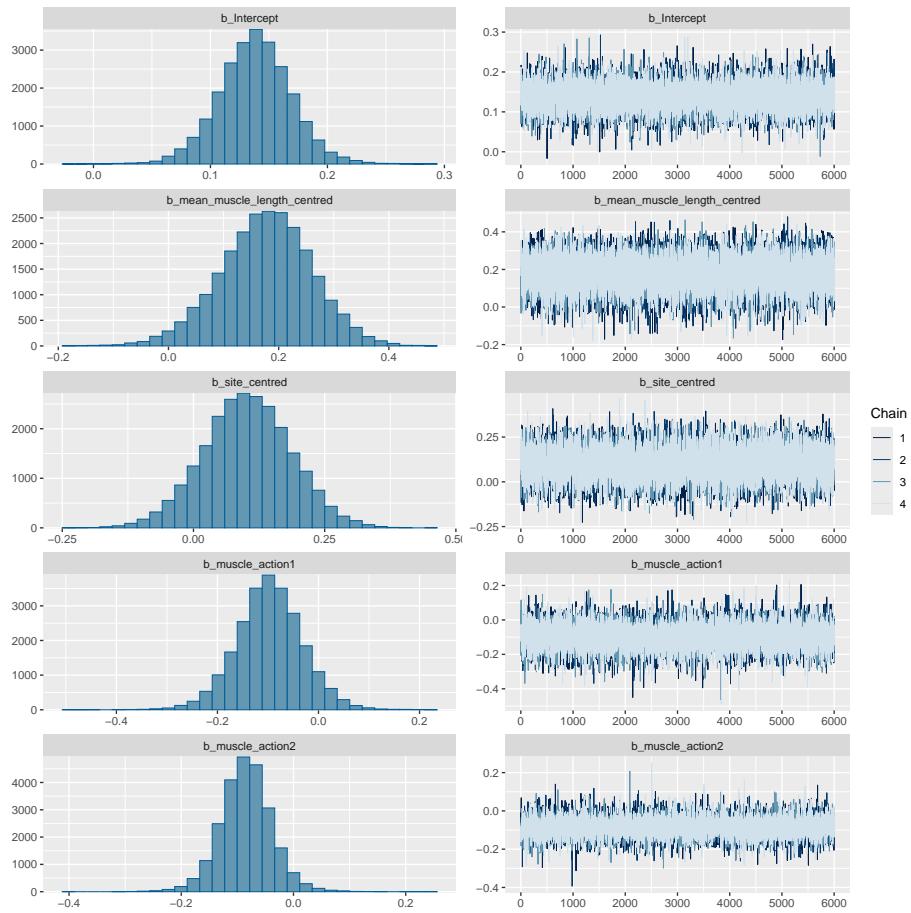
Muscle Action Model - Uninformed Priors

\hat{R}

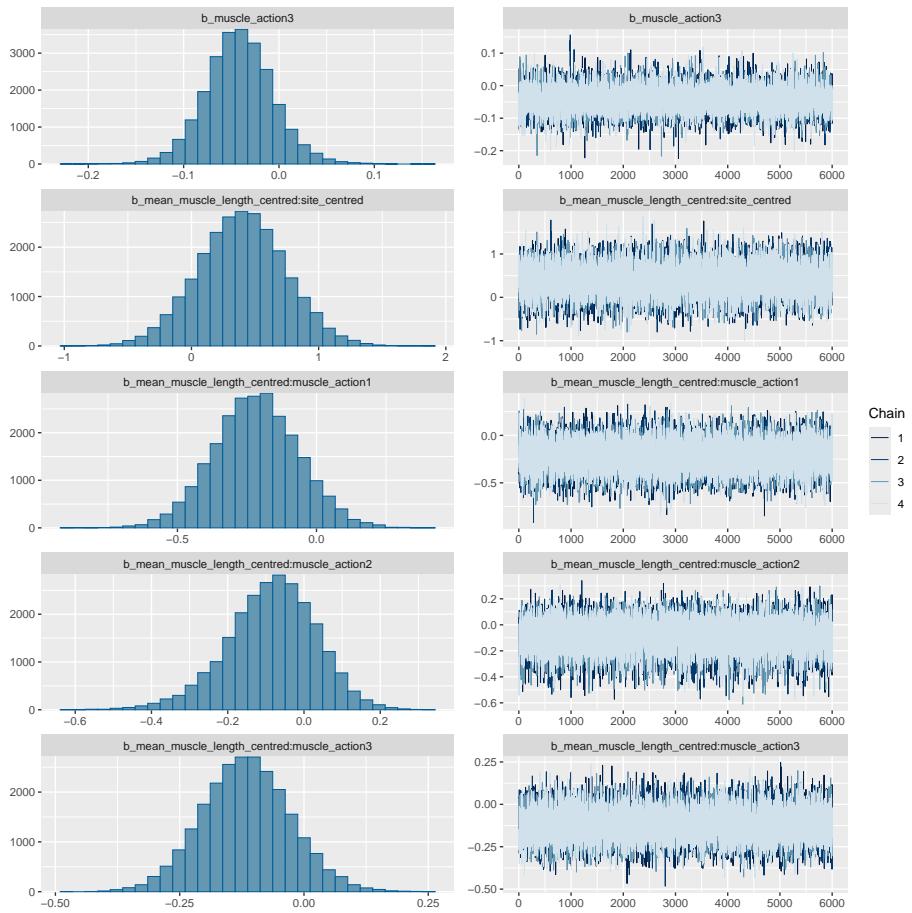


Trace plots

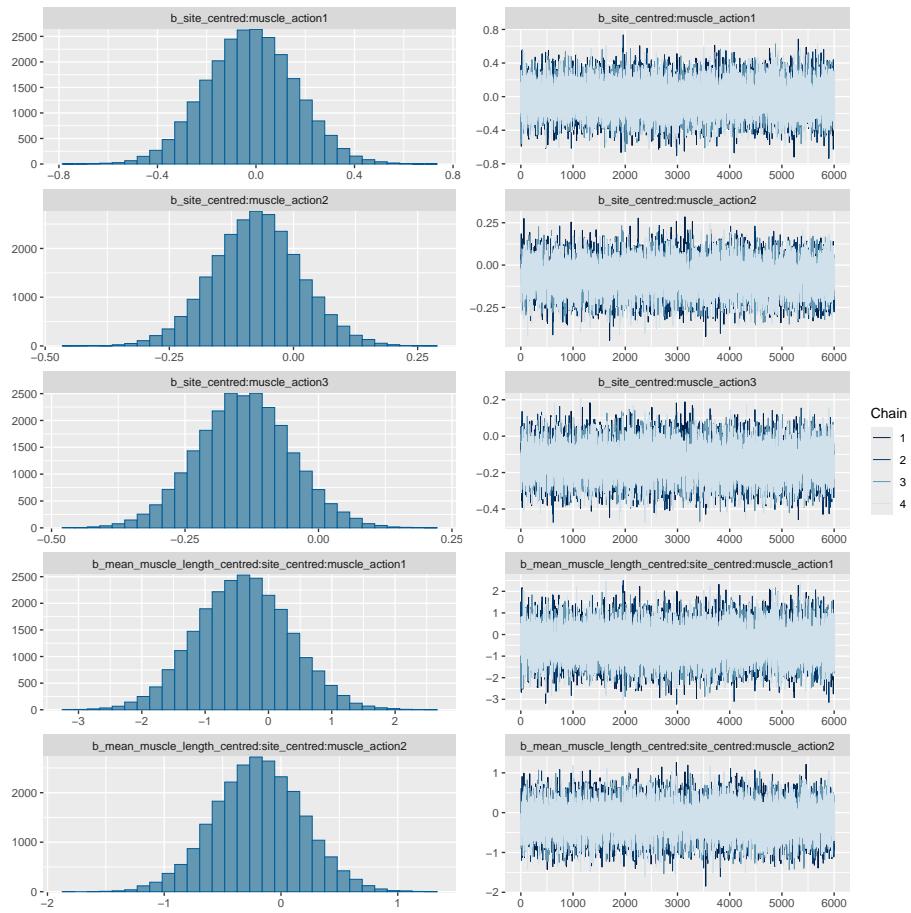
[[1]]



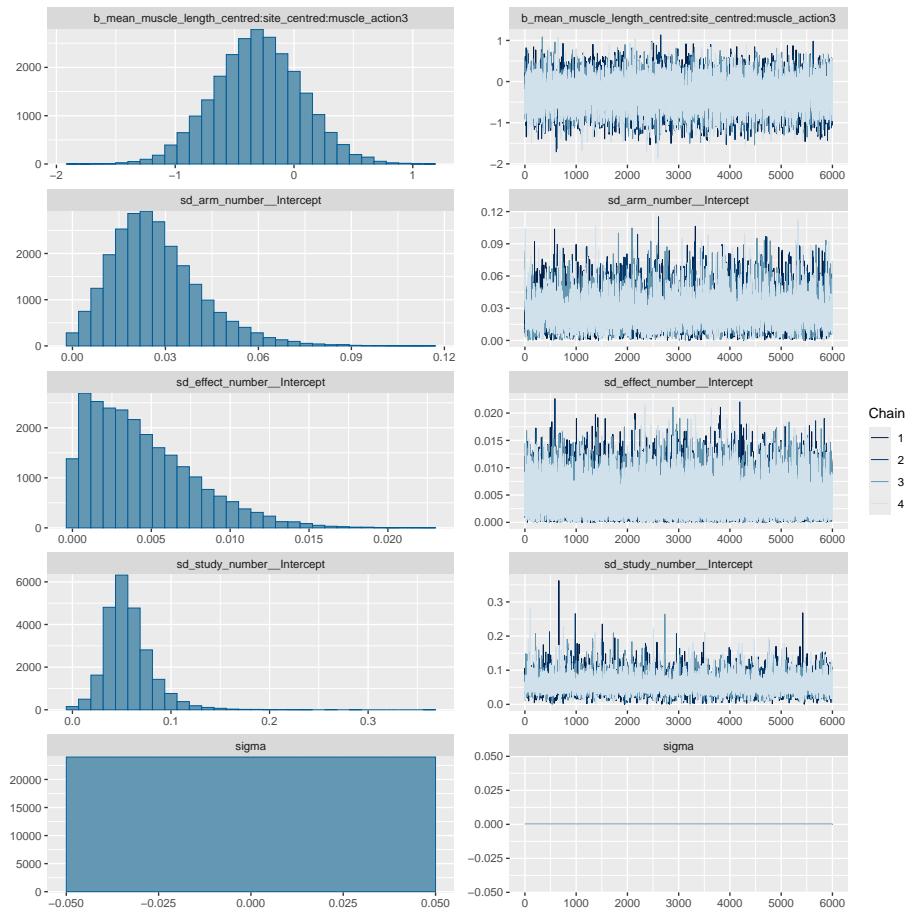
[[2]]



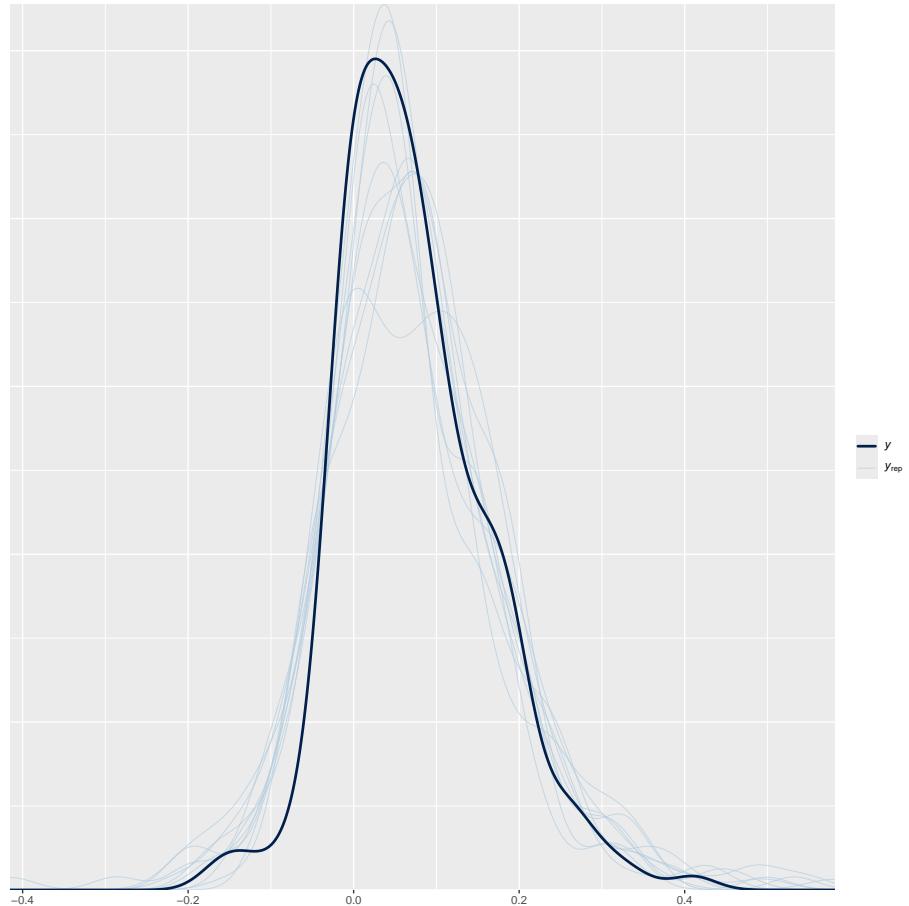
[[3]]



[[4]]

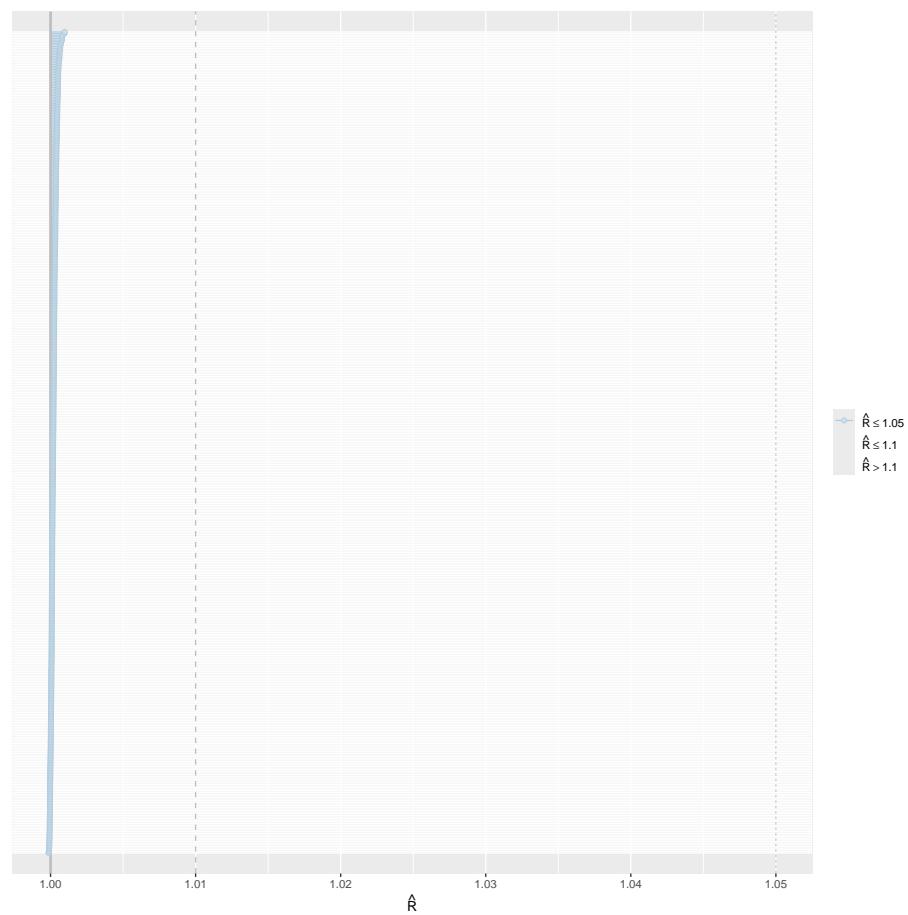


Posterior predictive check



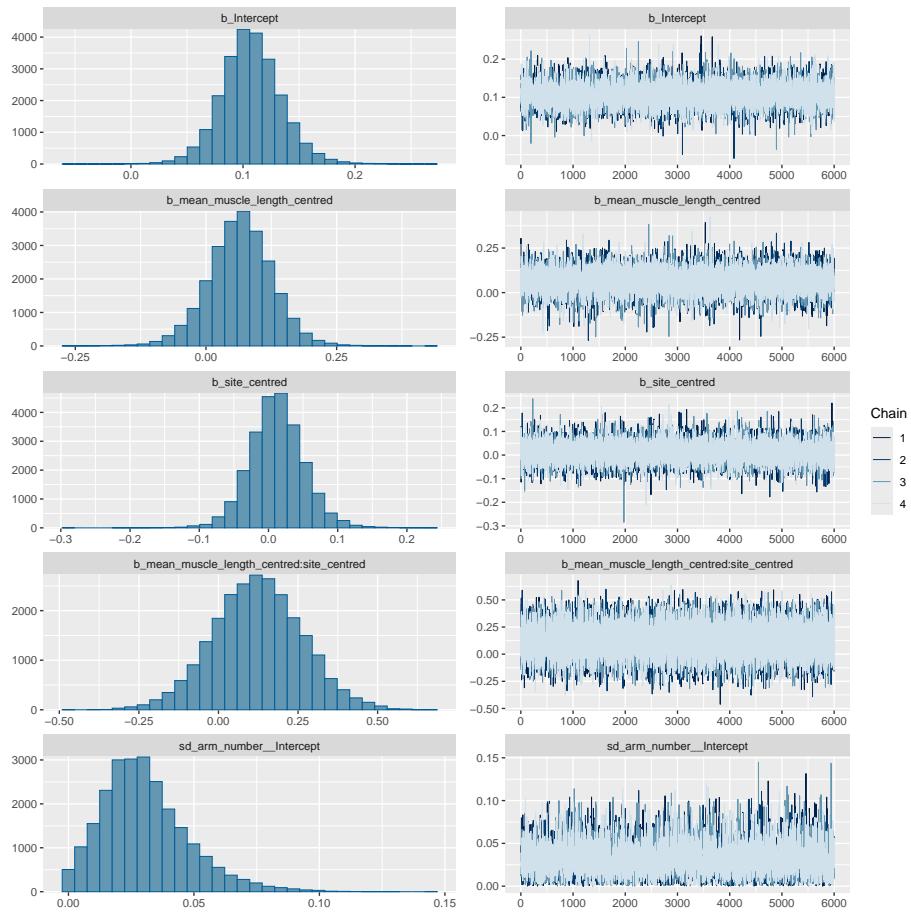
Main Model with Random Slopes - Uninformed Priors

\hat{R}

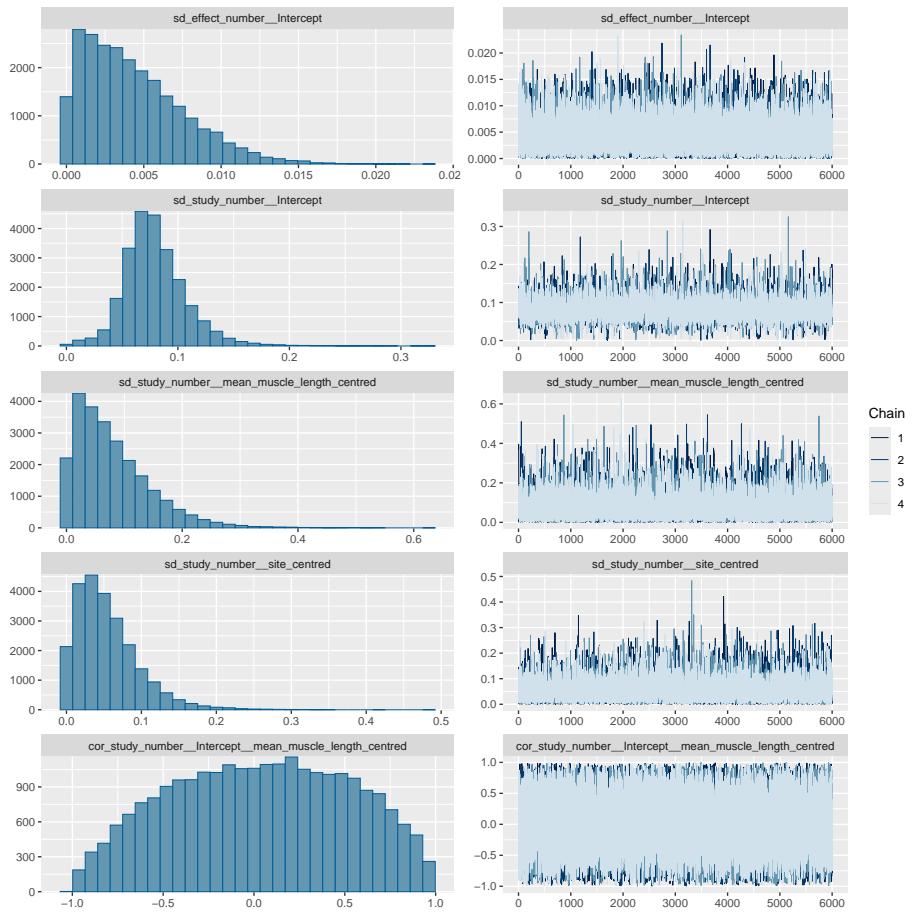


Trace plots

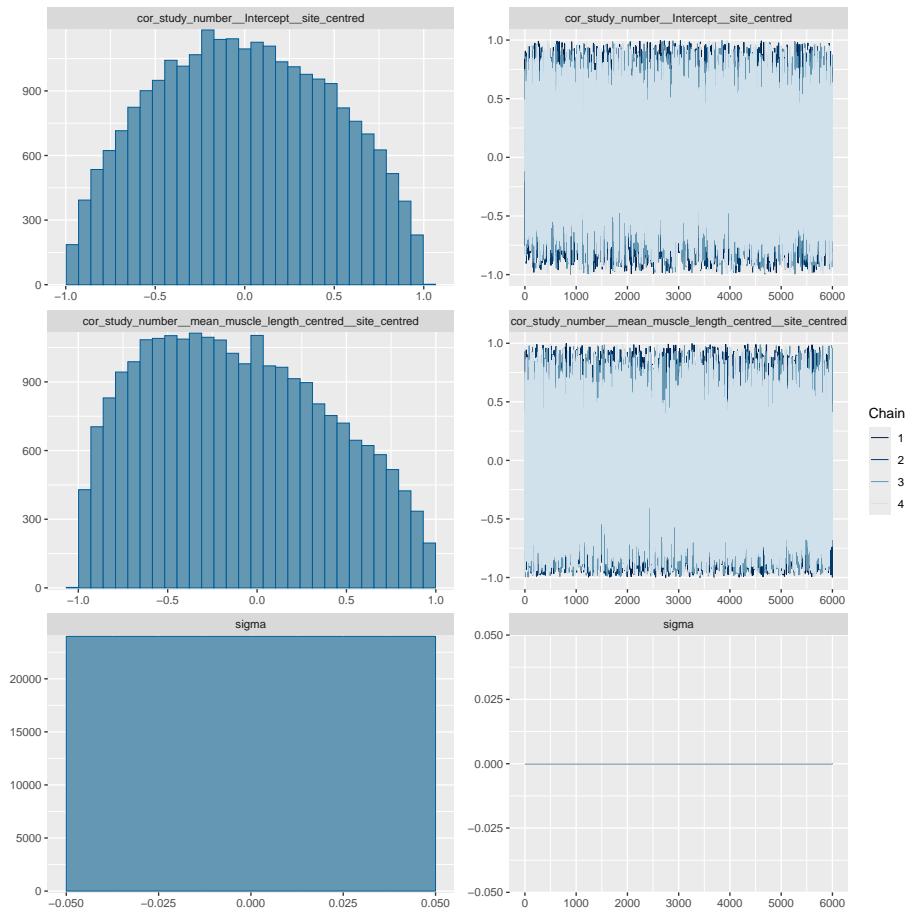
[[1]]



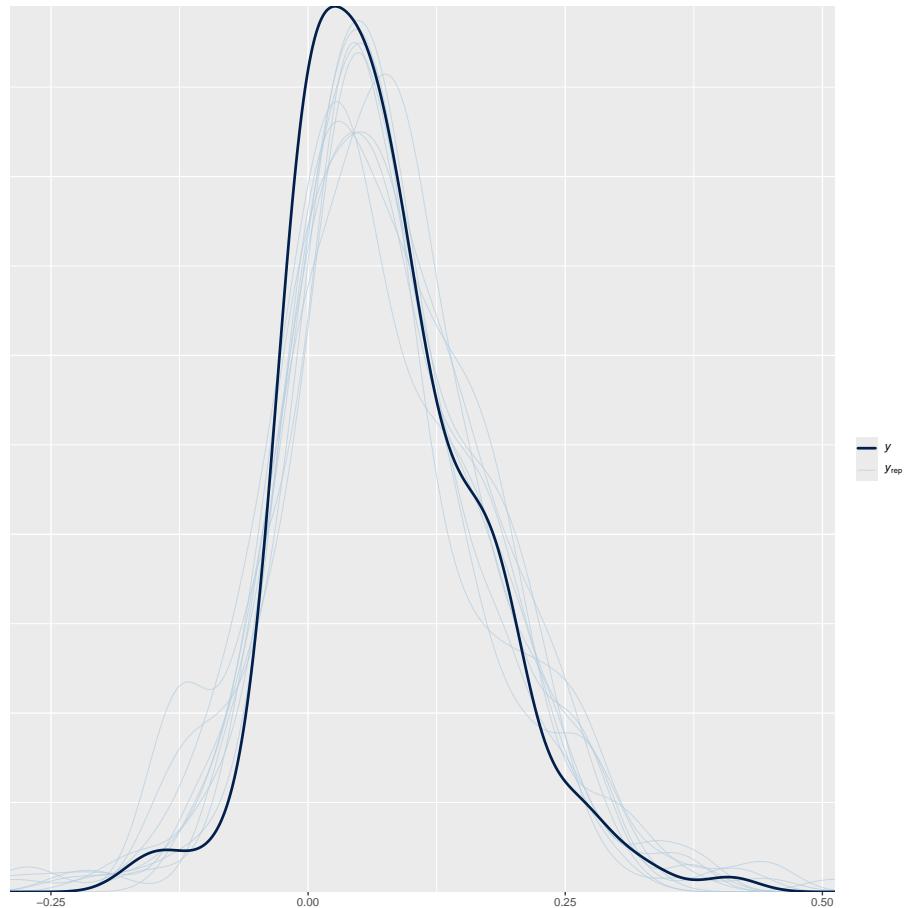
[[2]]



[[3]]

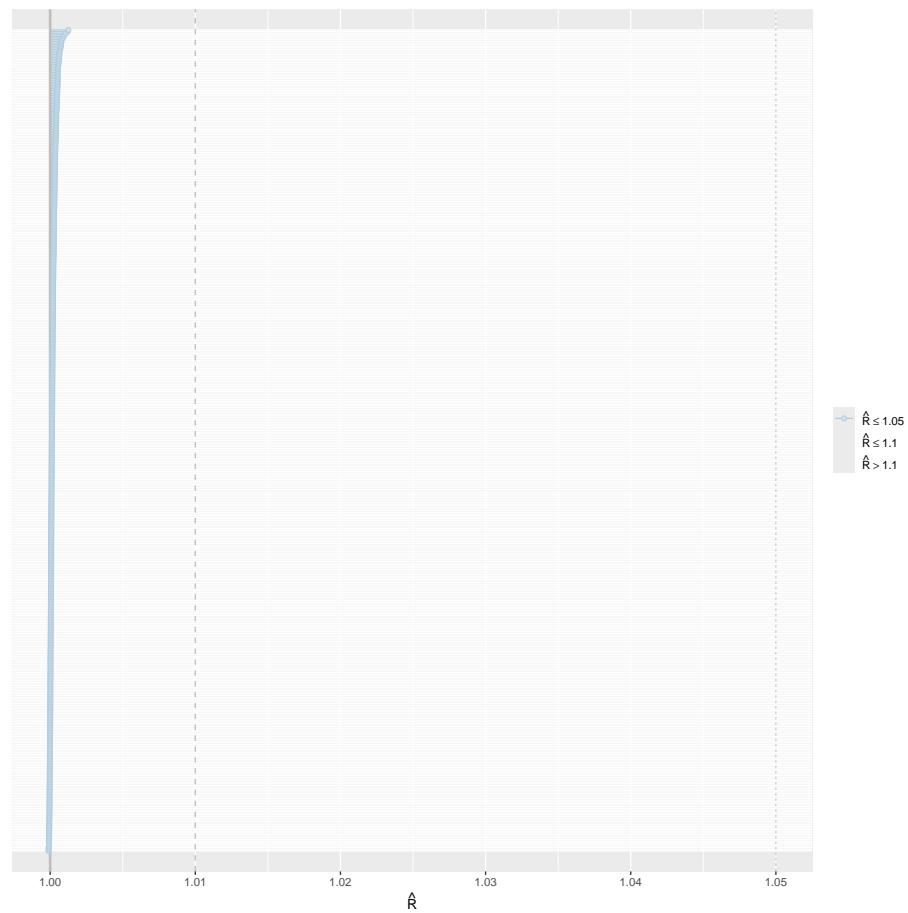


Posterior predictive check



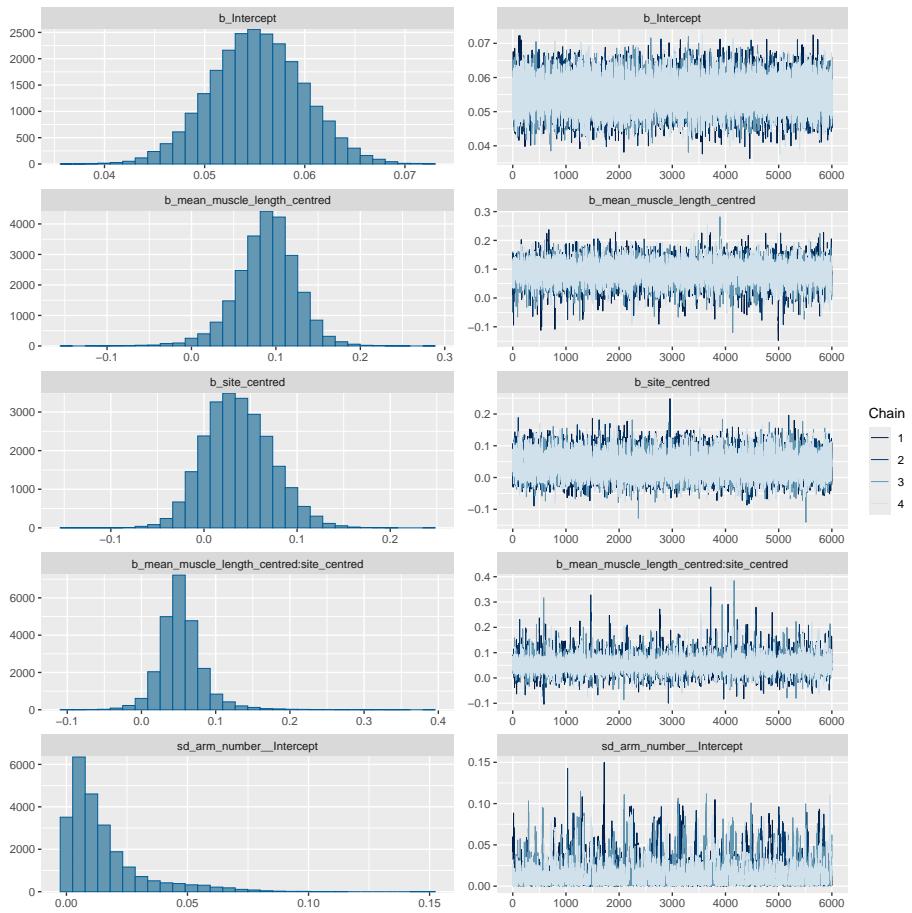
Main Model with Random Slopes - Dorian Varovic and Brad Schoenfeld Priors

\hat{R}

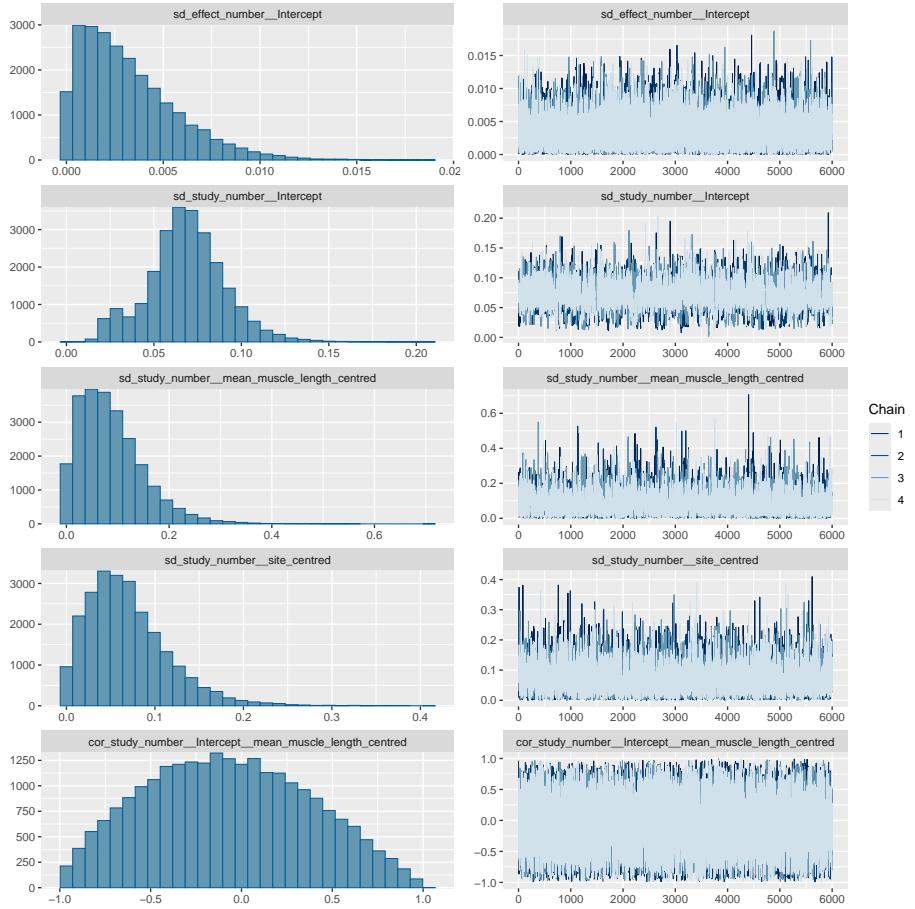


Trace plots

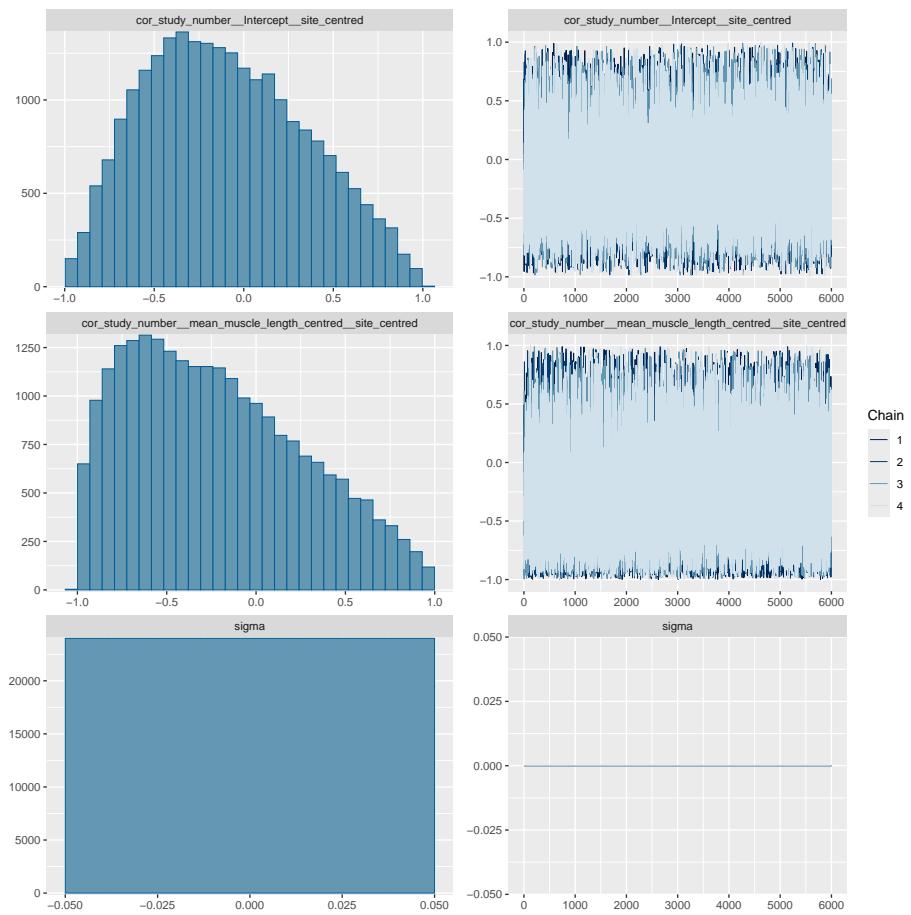
[[1]]



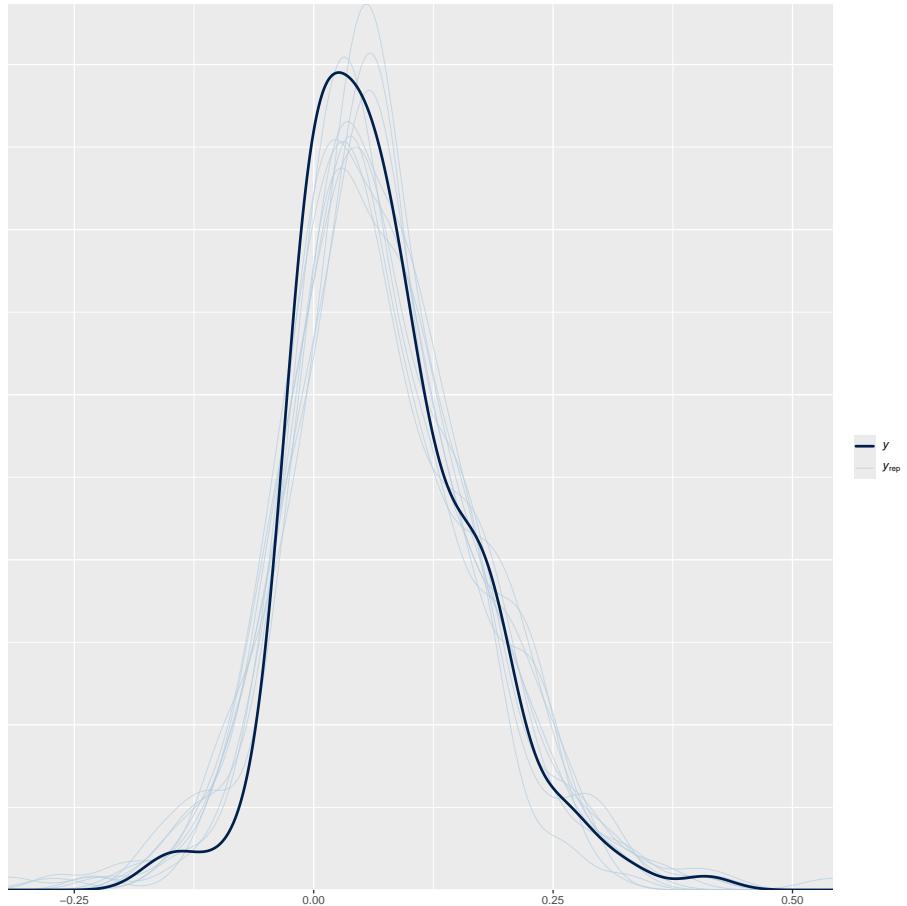
[[2]]



[[3]]

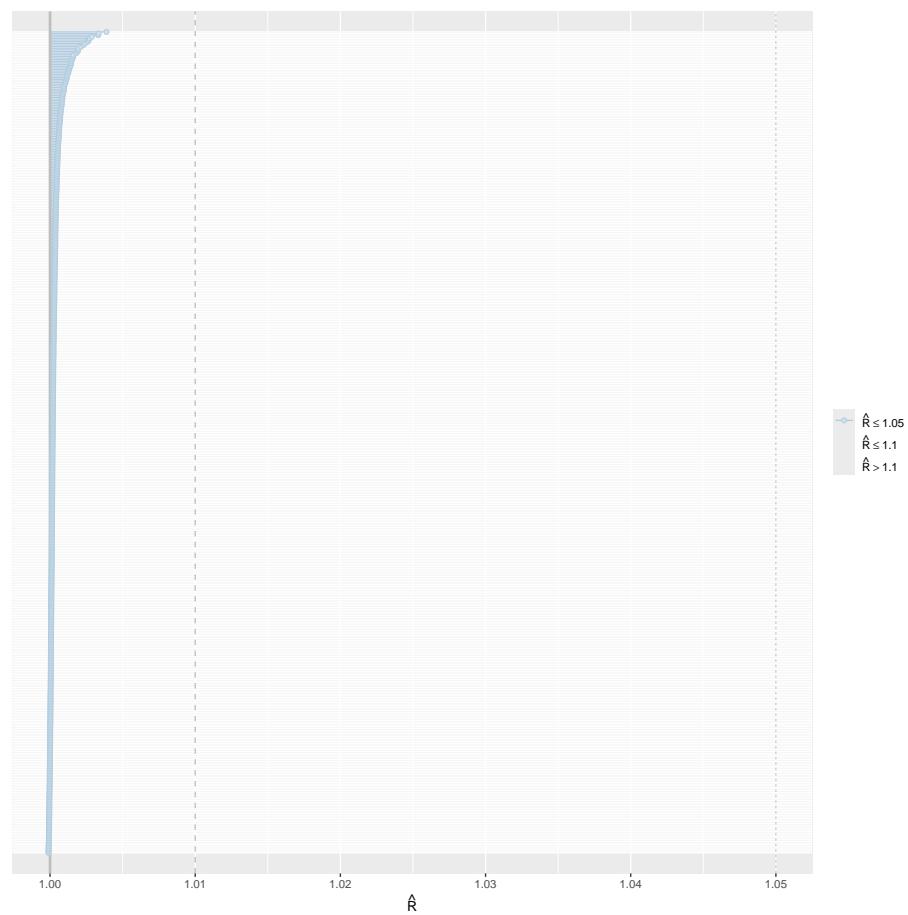


Posterior predictive check



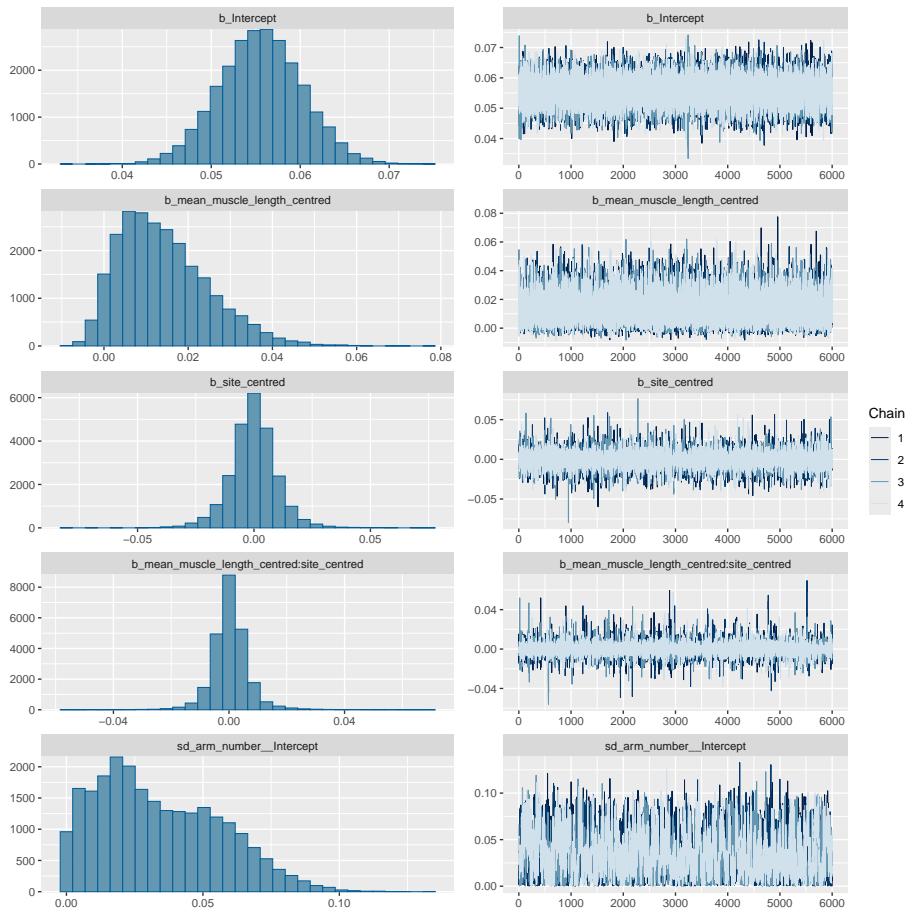
Main Model with Random Slopes - James Steele Priors

\hat{R}

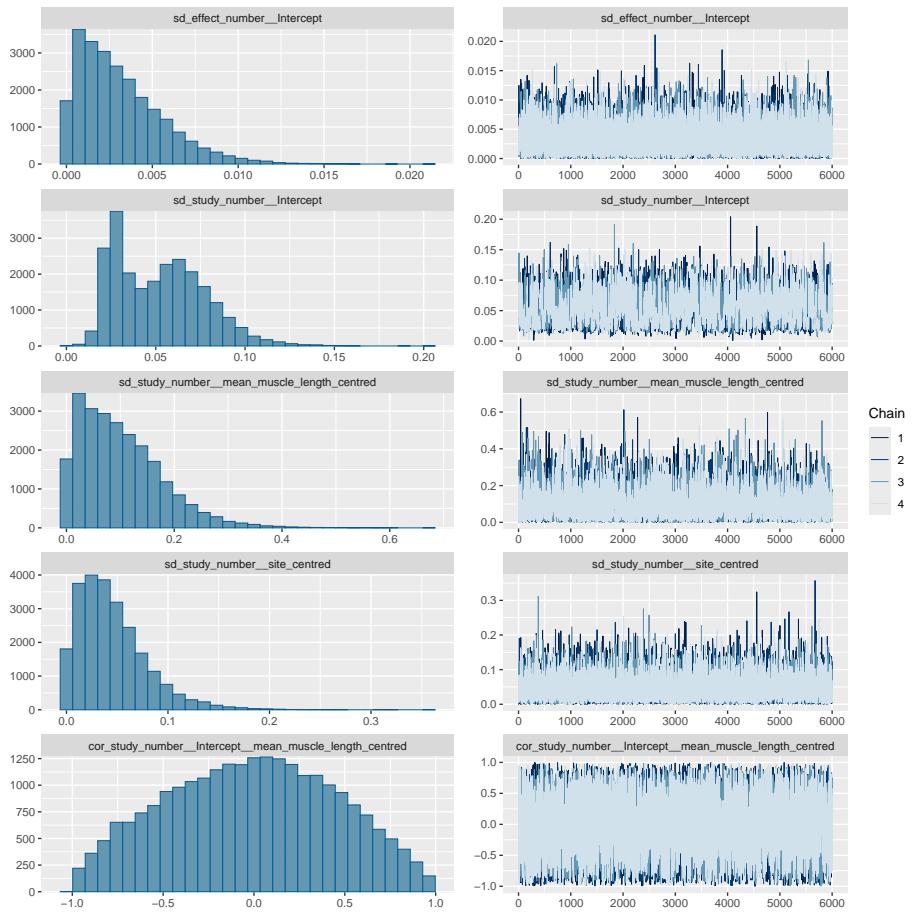


Trace plots

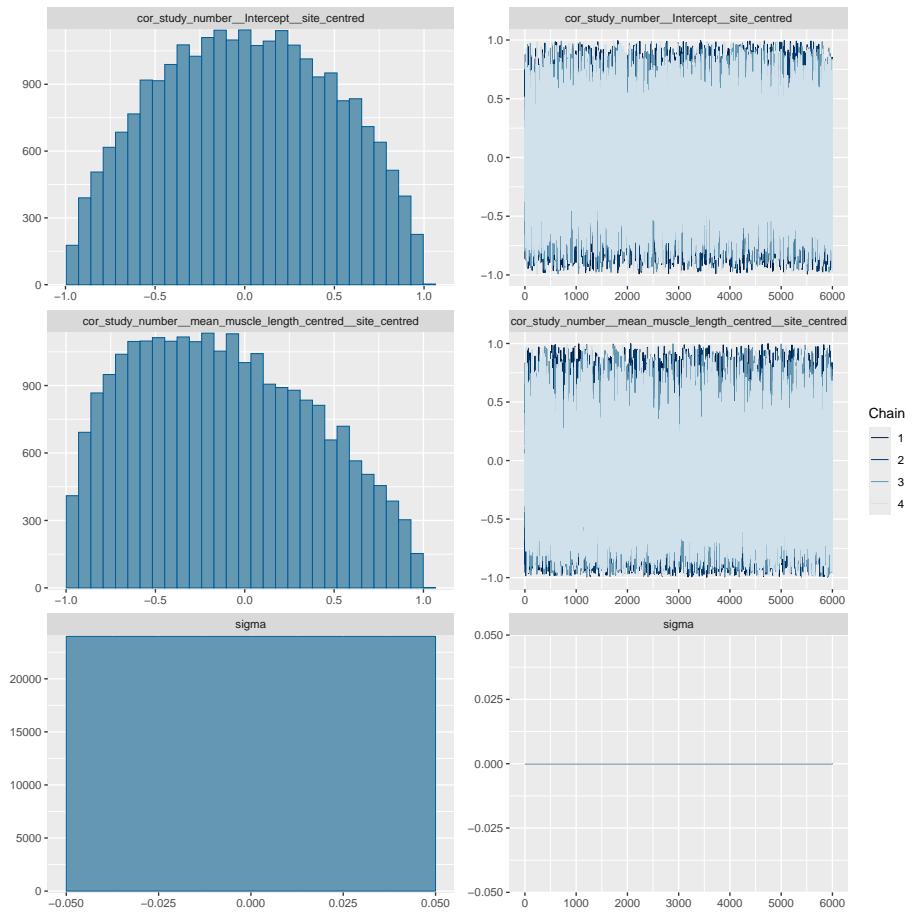
[[1]]



[[2]]



[[3]]



Posterior predictive check

