

Diagnostic Plots

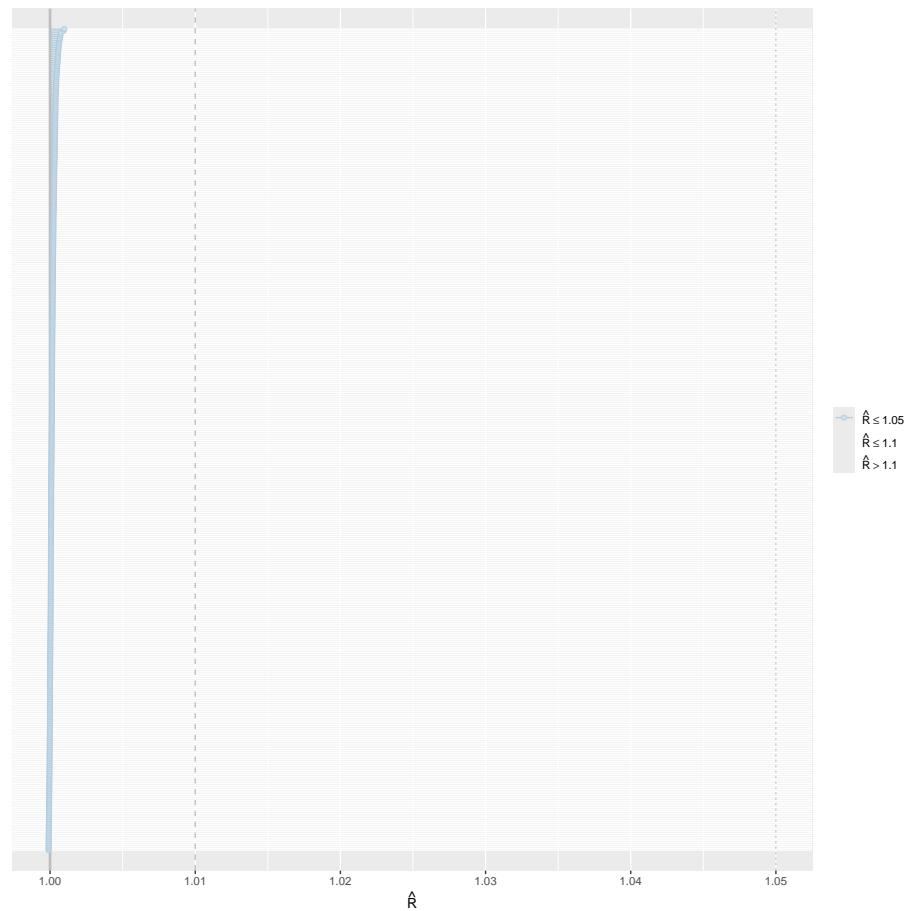
The effects of muscle length during resistance training on regional hypertrophy adaptations: A systematic review and meta-analysis

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

Standardised Mean Difference Models

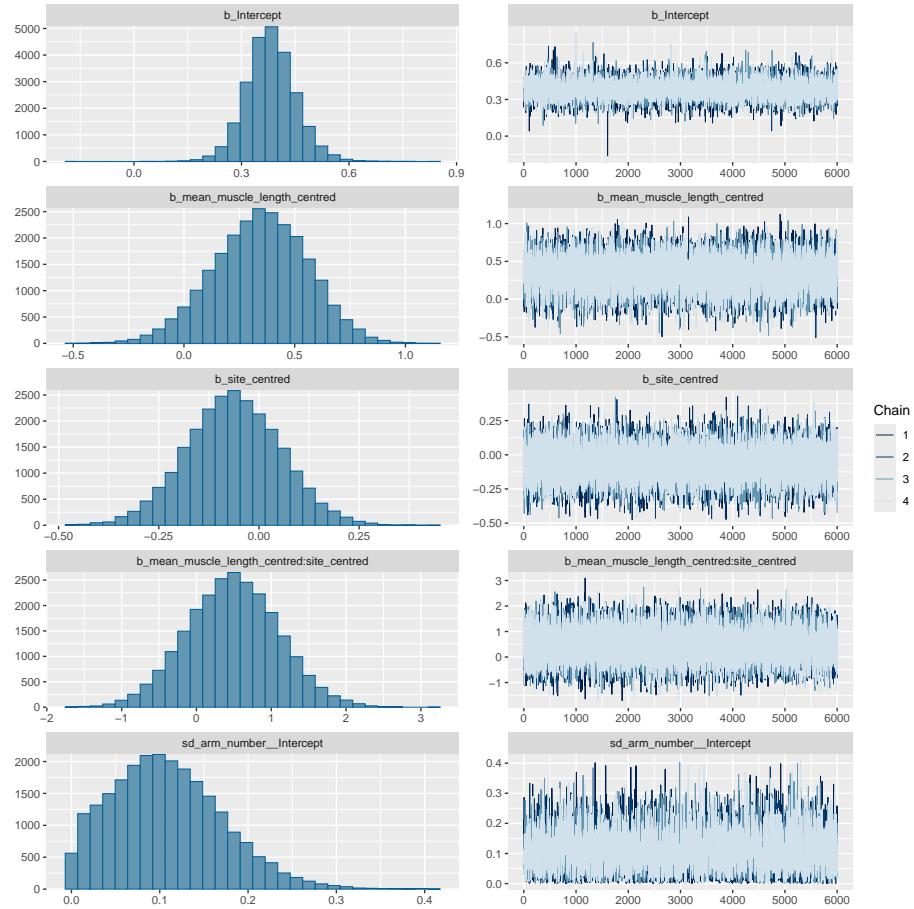
Main Model - Uninformed Priors

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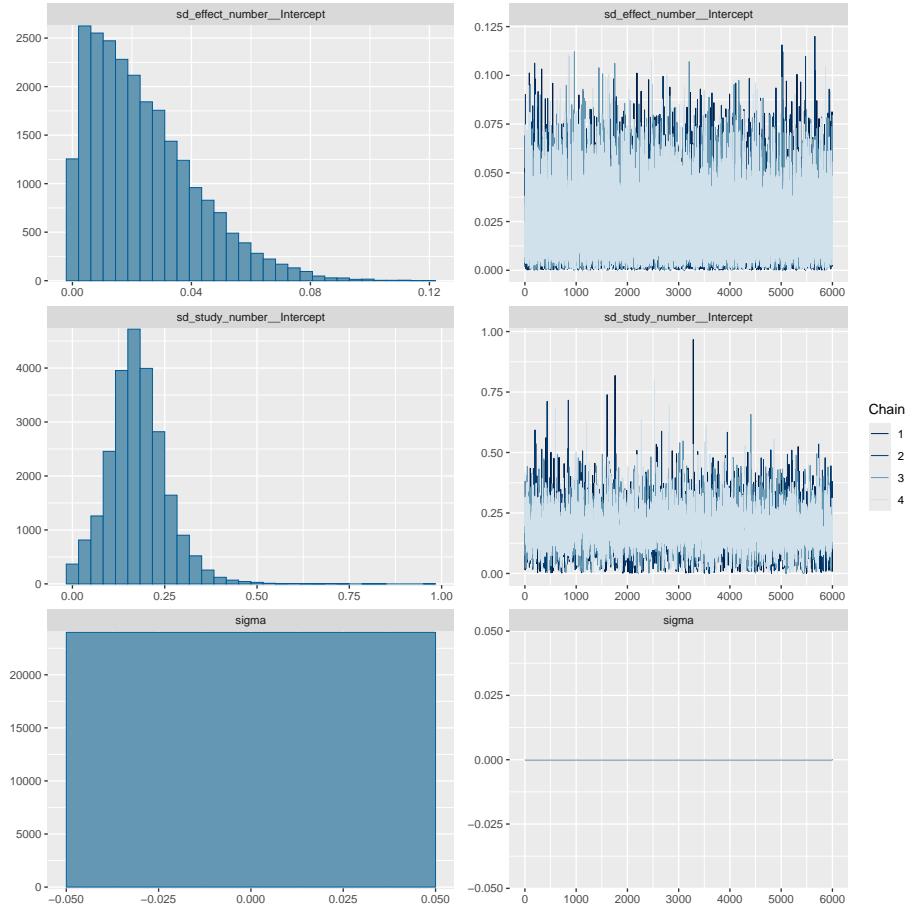


Trace plots

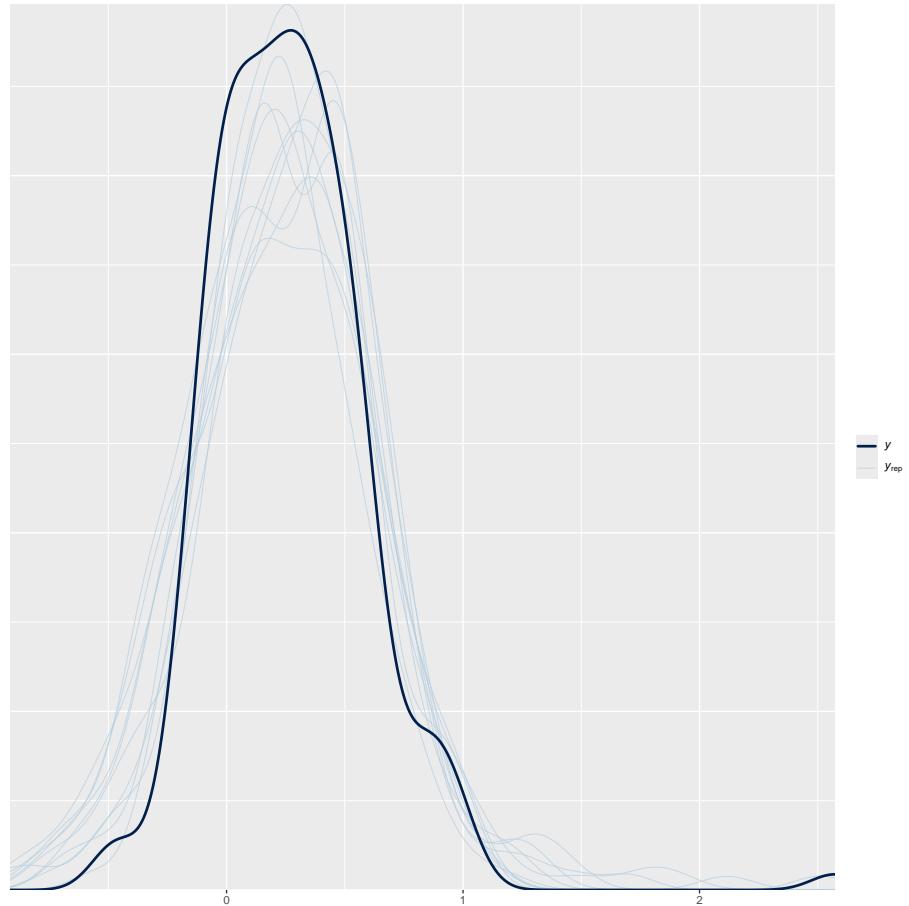
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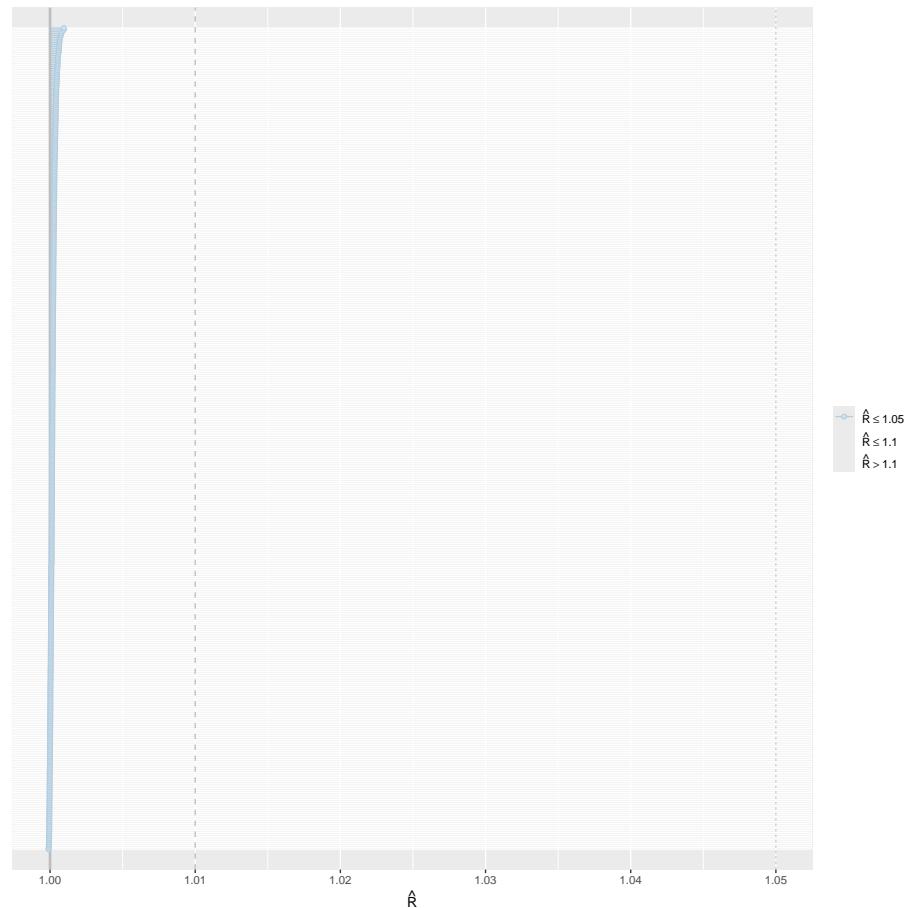


Posterior predictive check



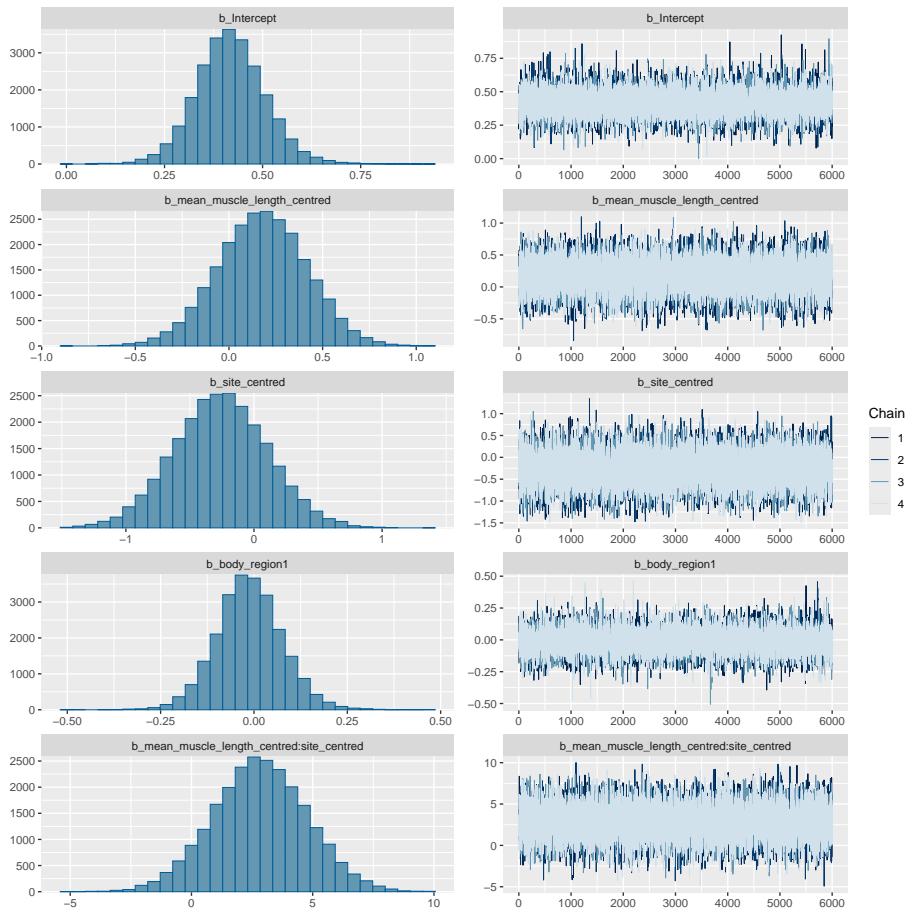
Upper vs Lower Body Model - Uninformed Priors

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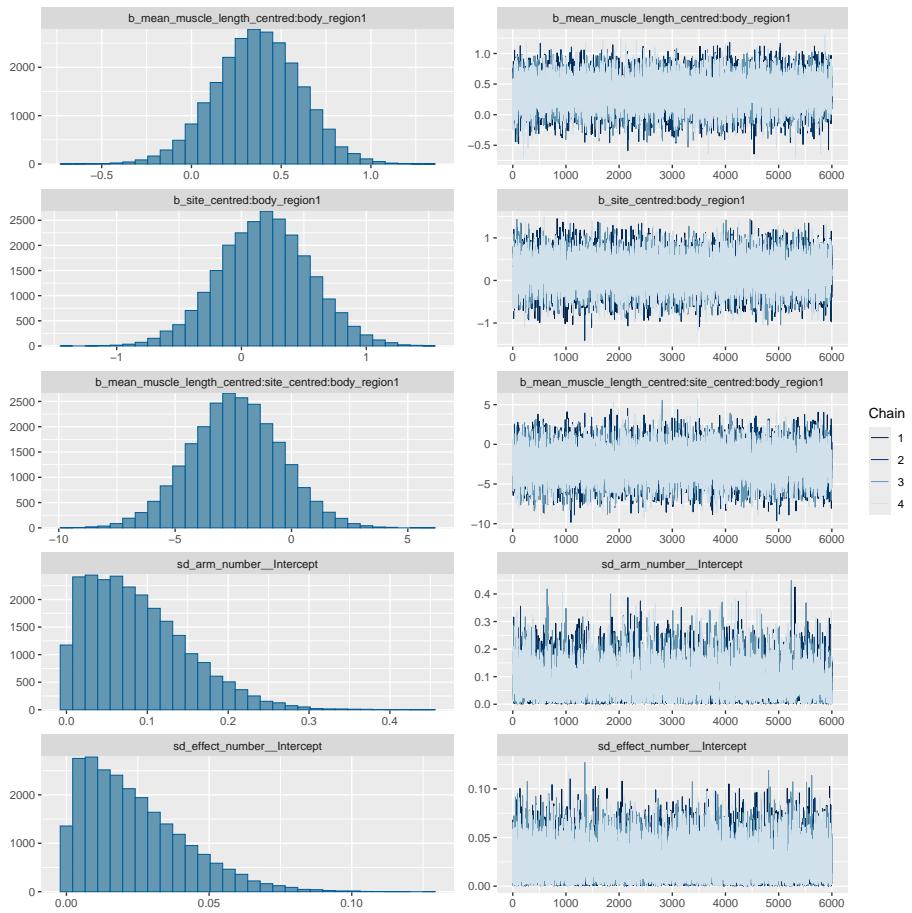


Trace plots

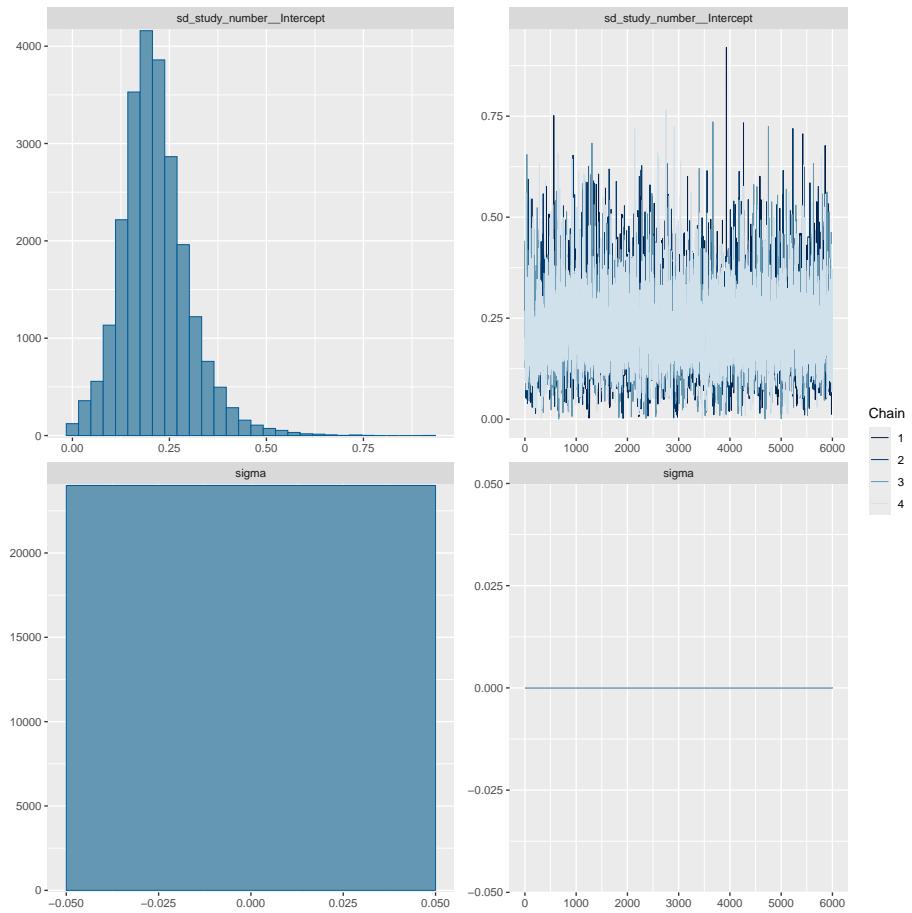
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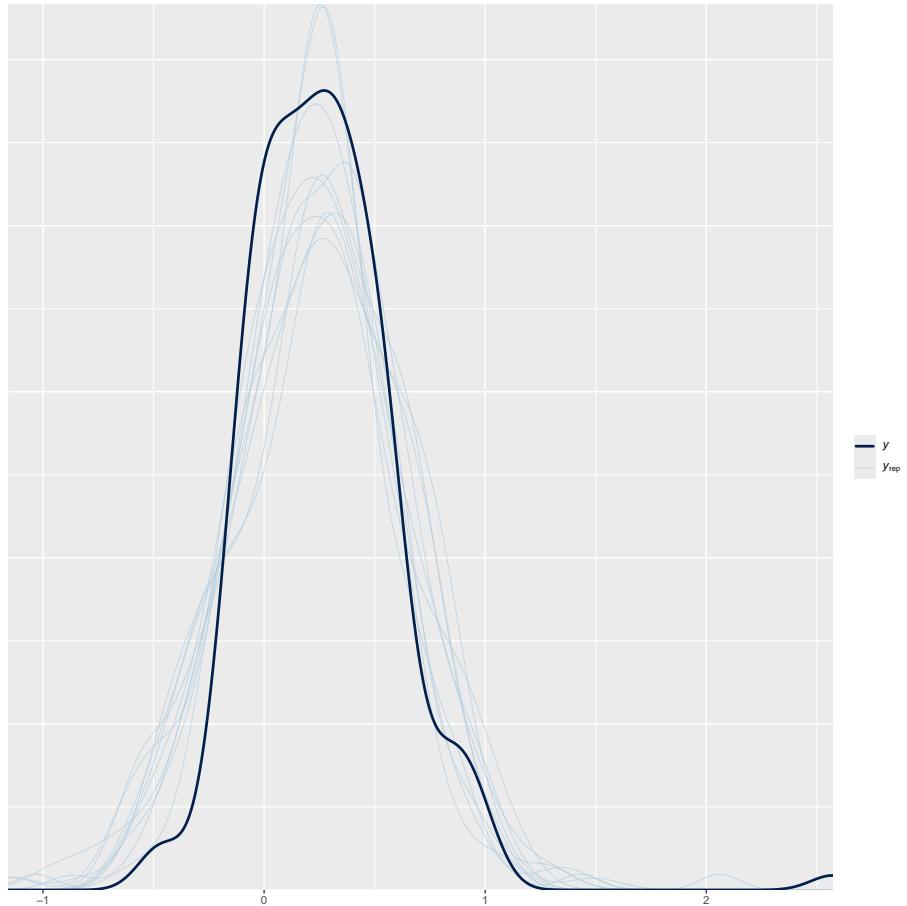
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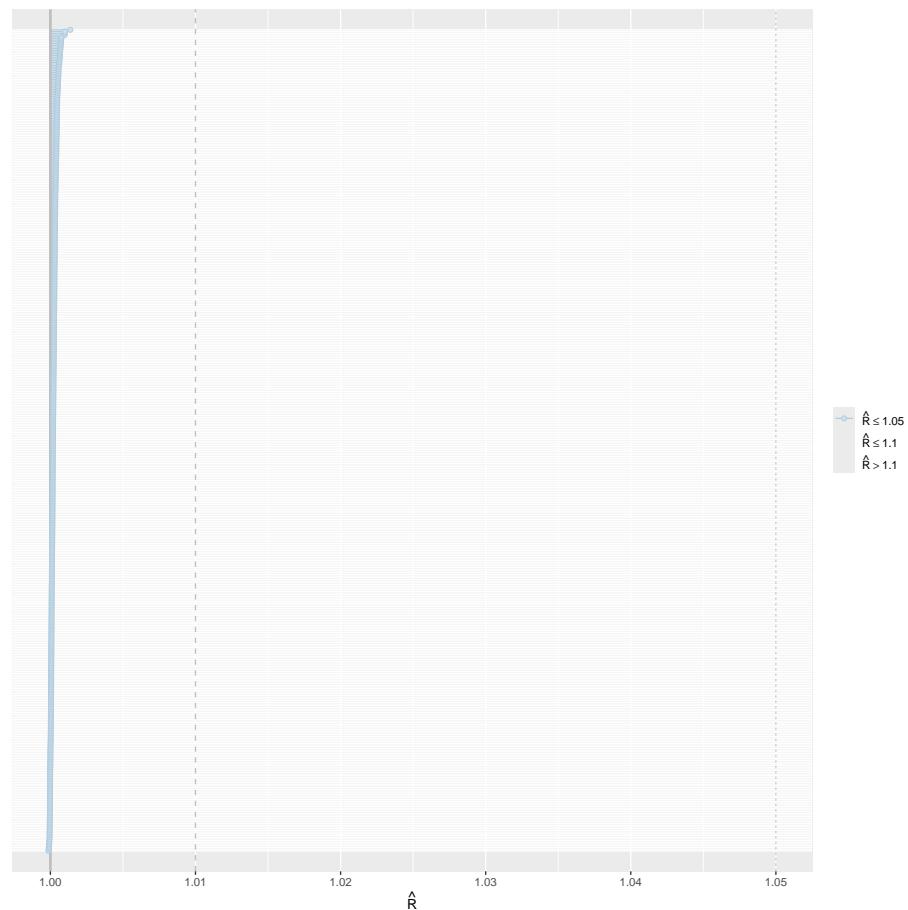


Posterior predictive check



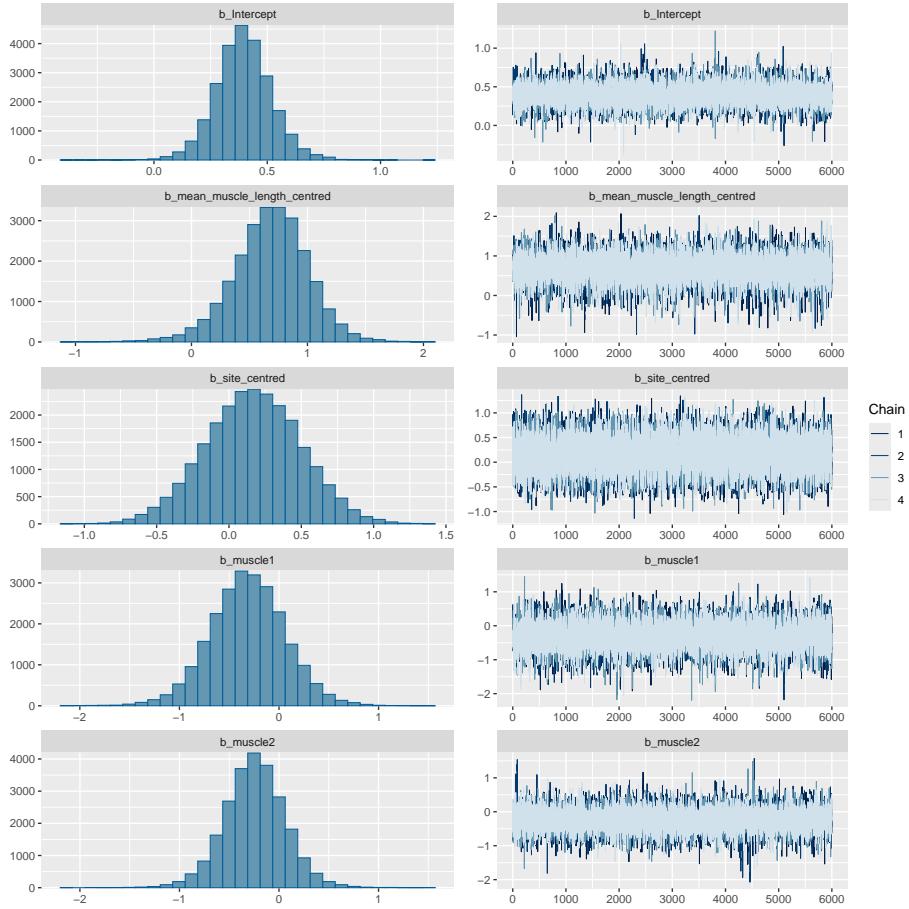
Muscle Group Model - Uninformed Priors

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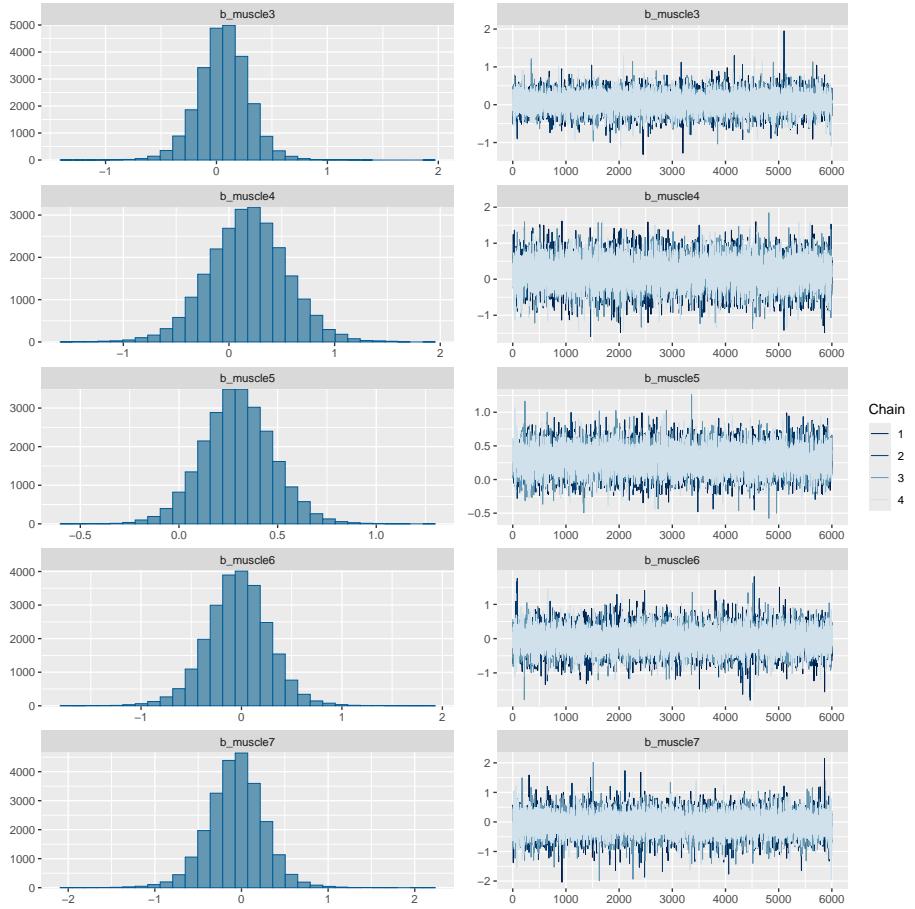


Trace plots

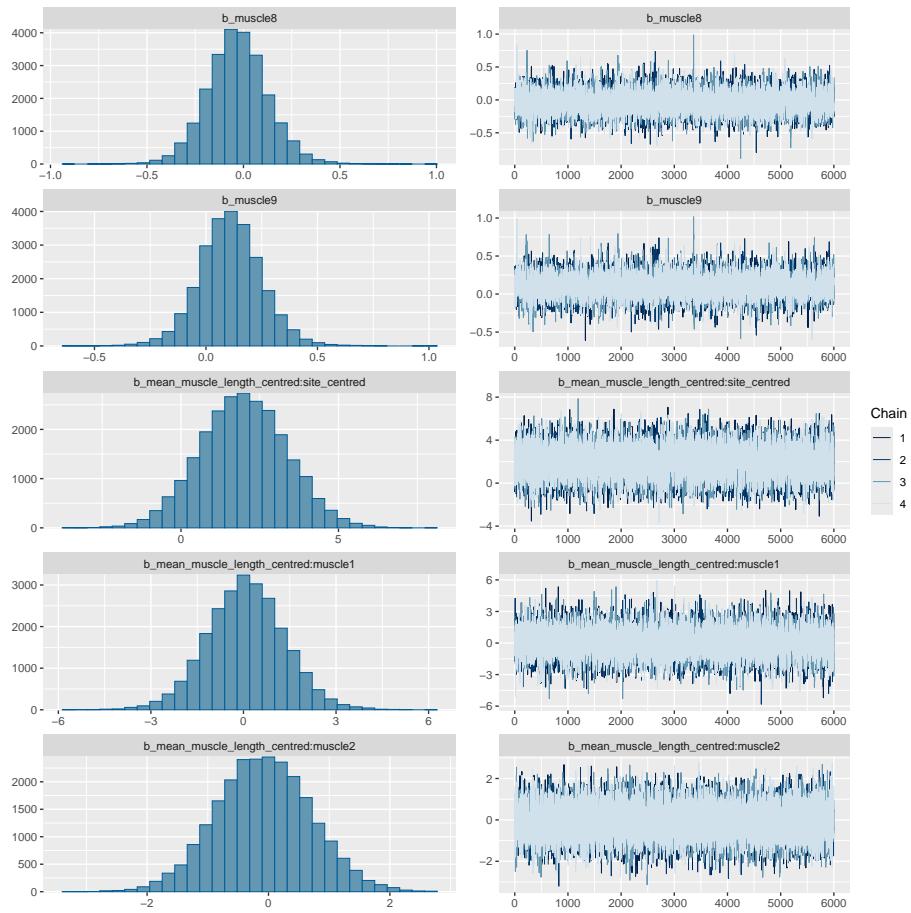
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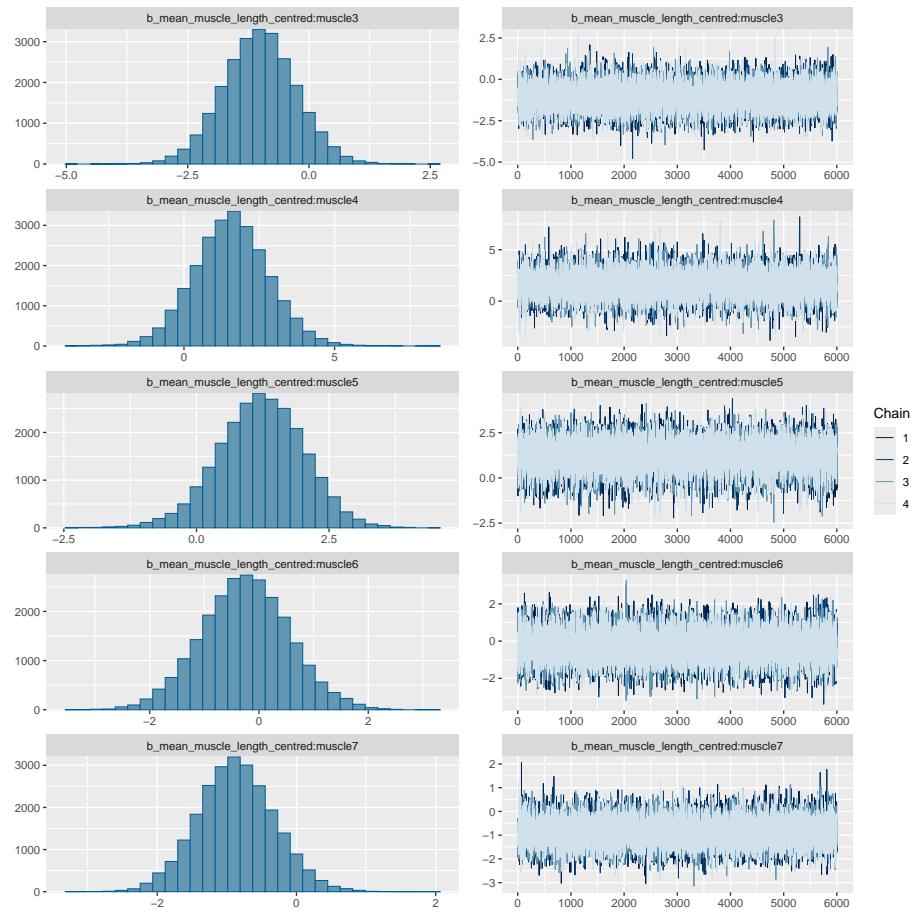
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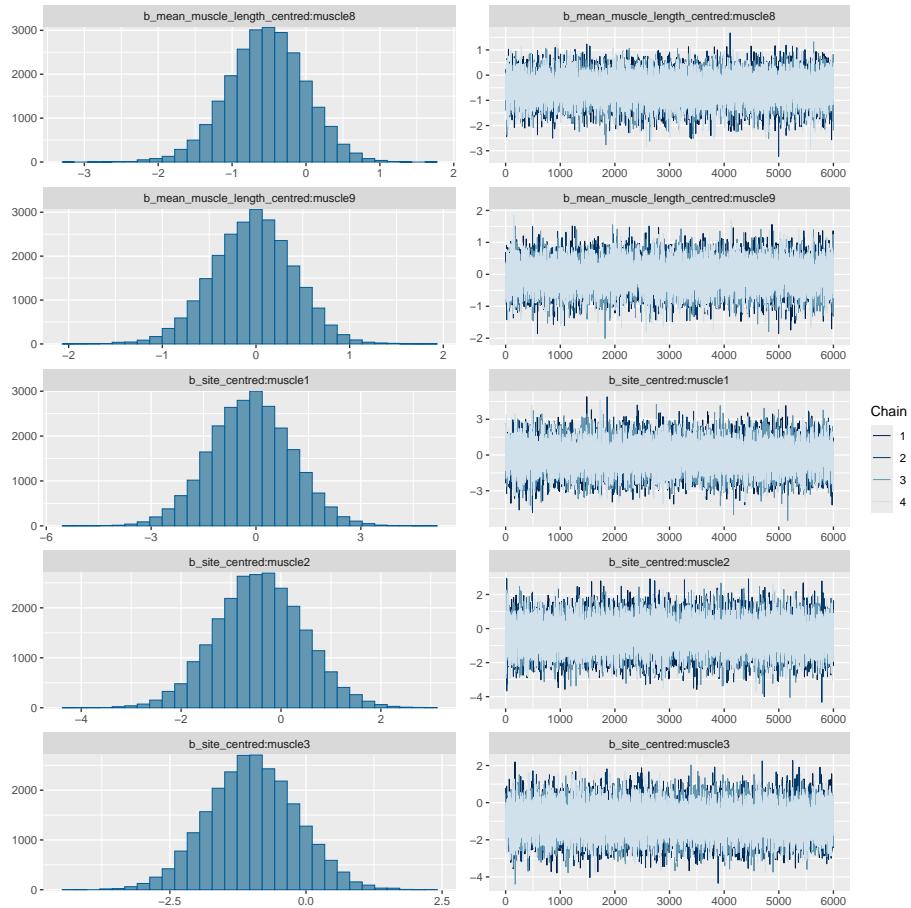
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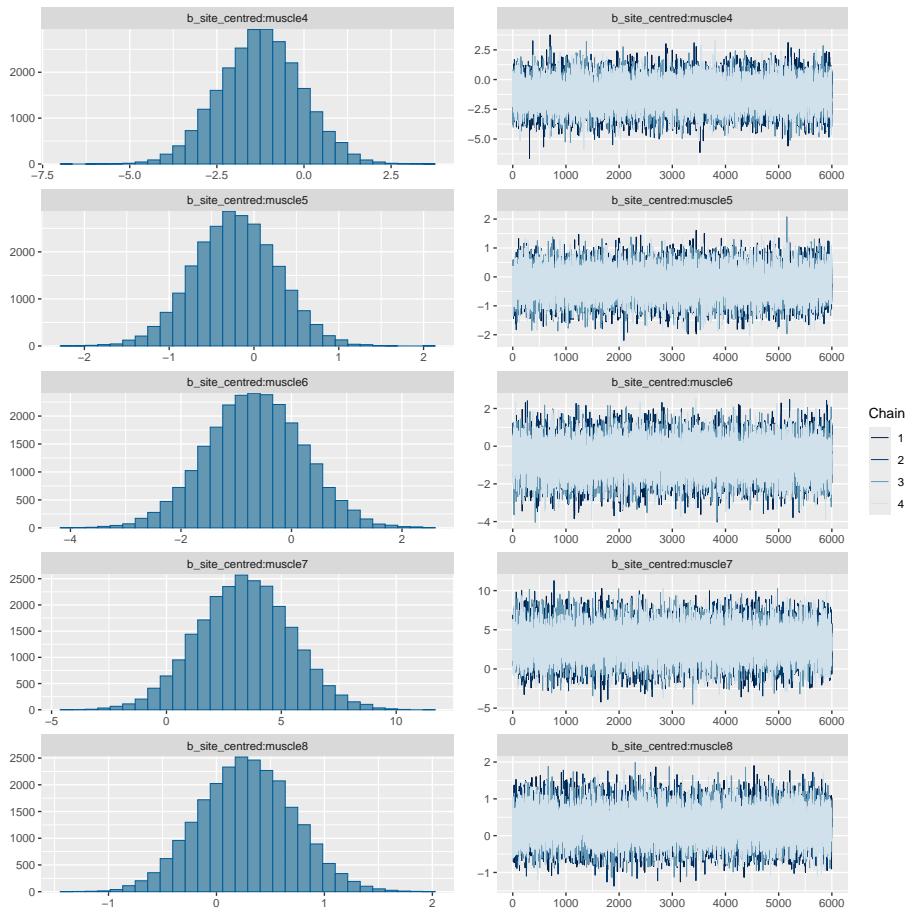
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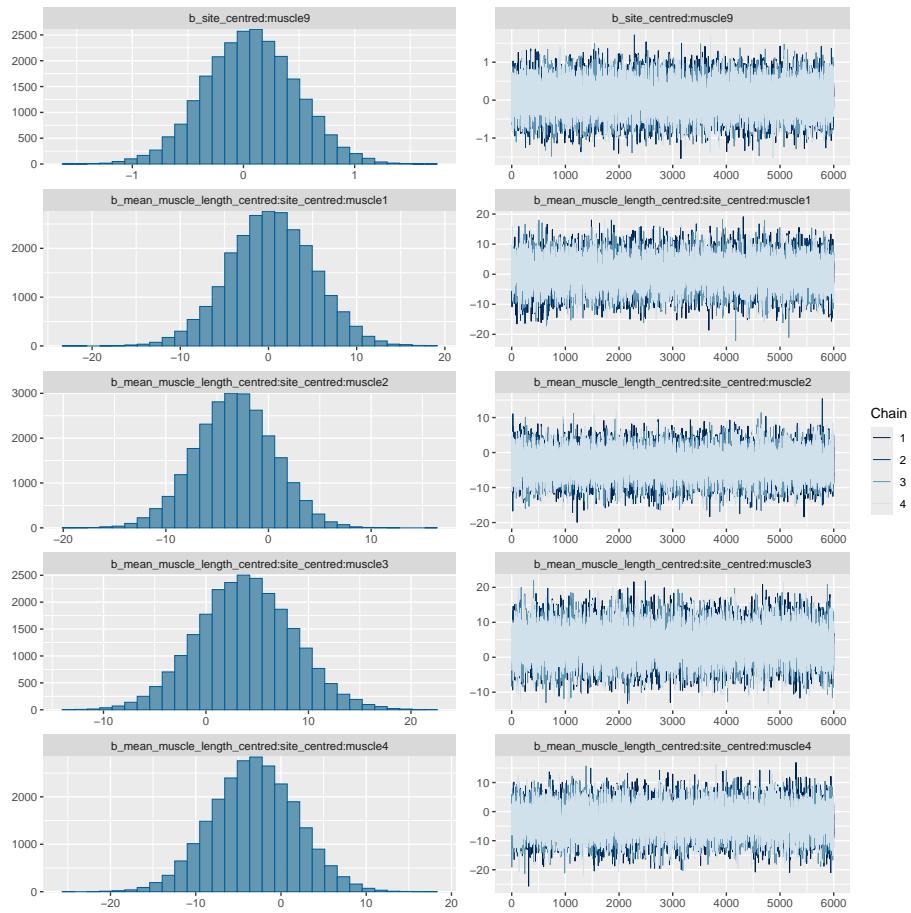
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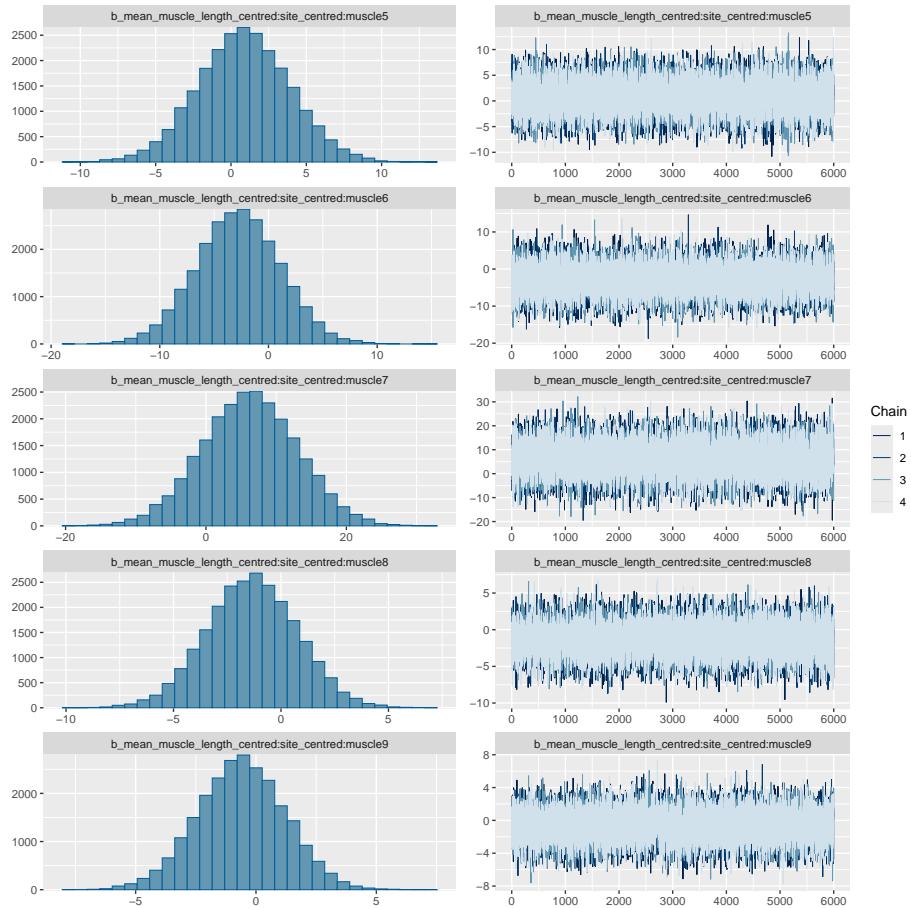
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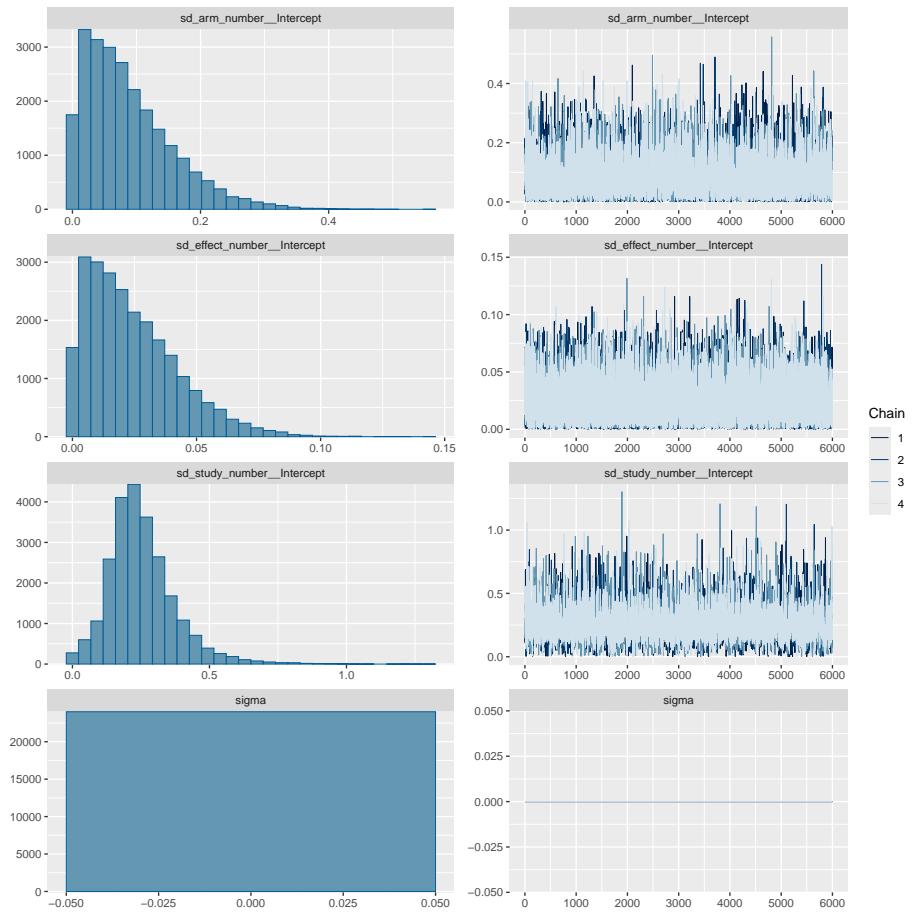
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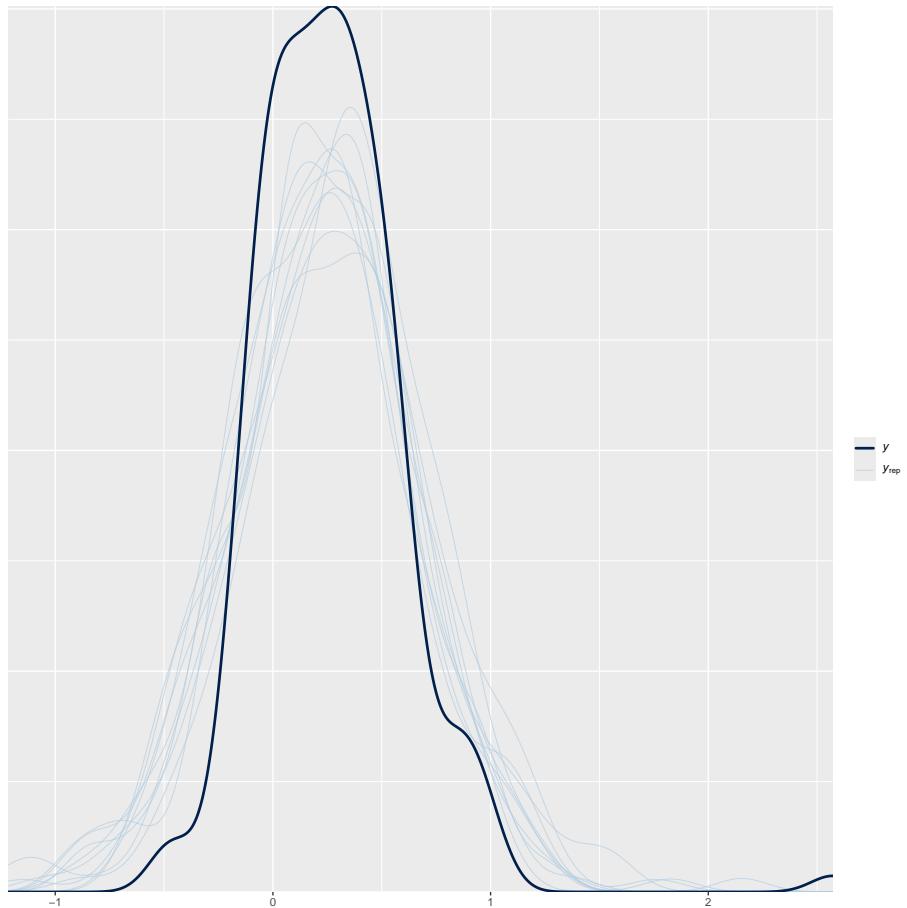
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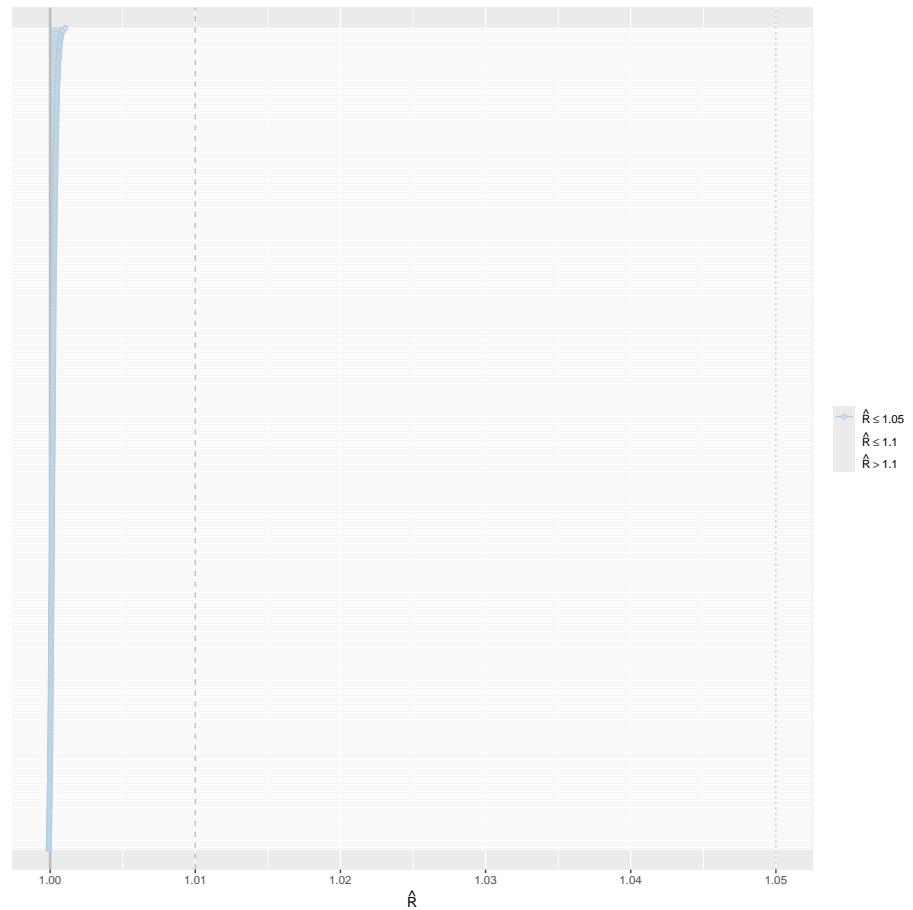


Posterior predictive check



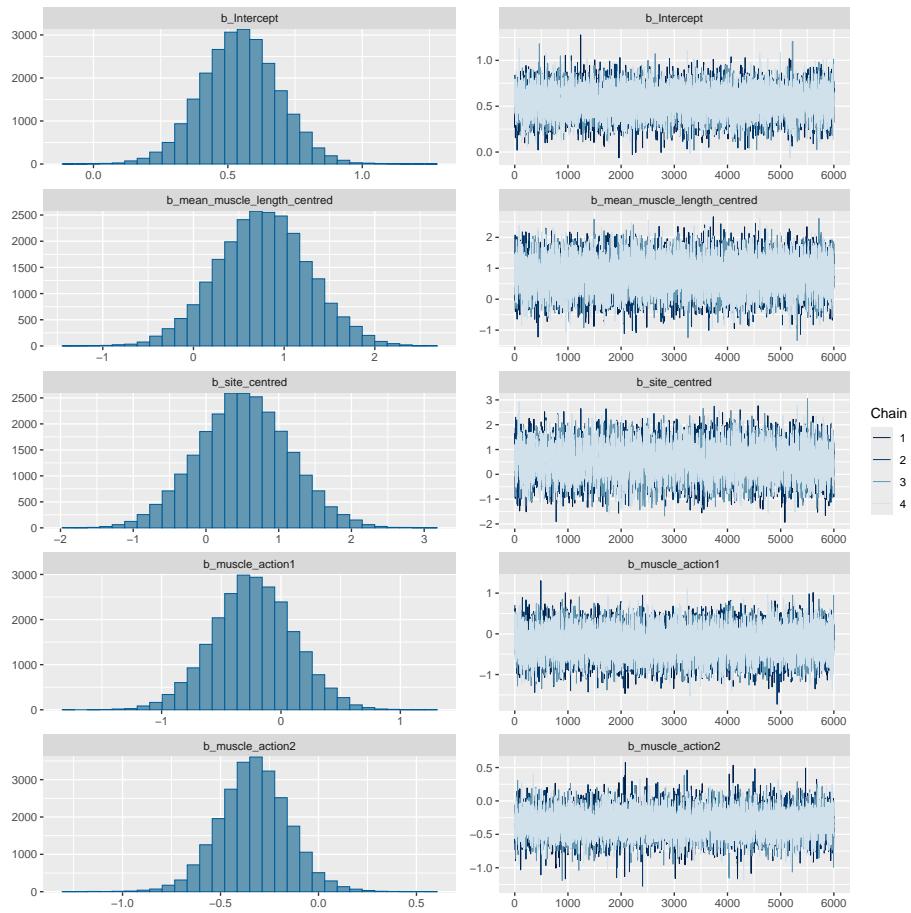
Muscle Action Model - Uninformed Priors

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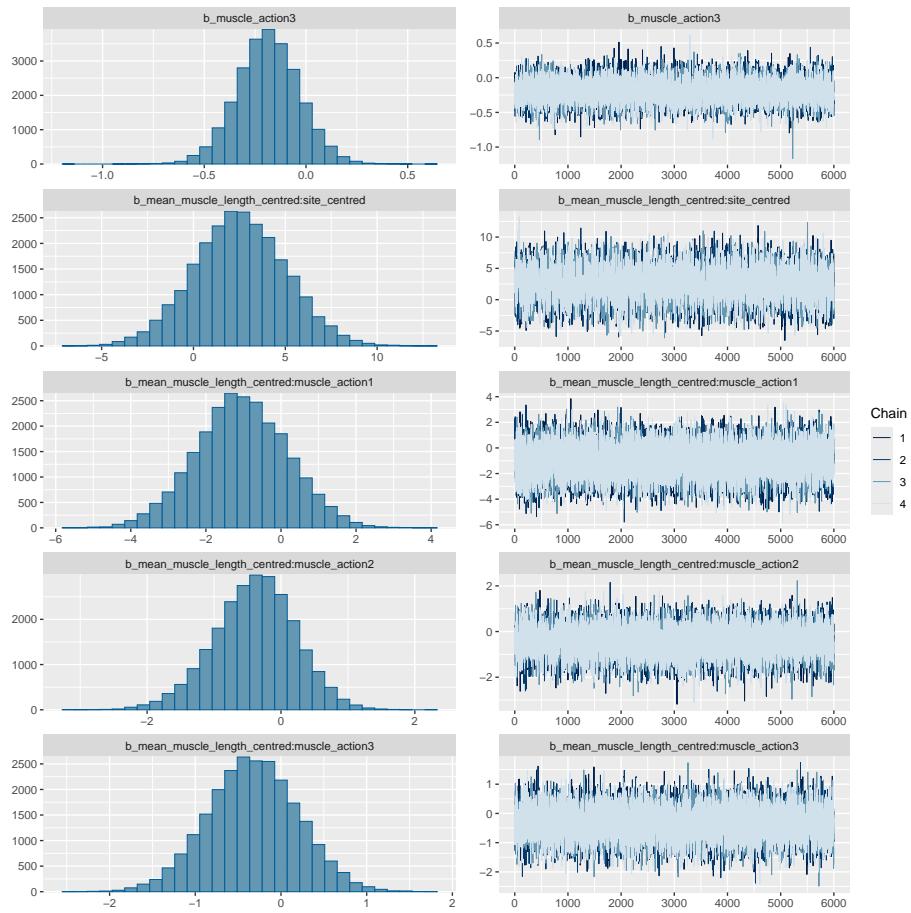


Trace plots

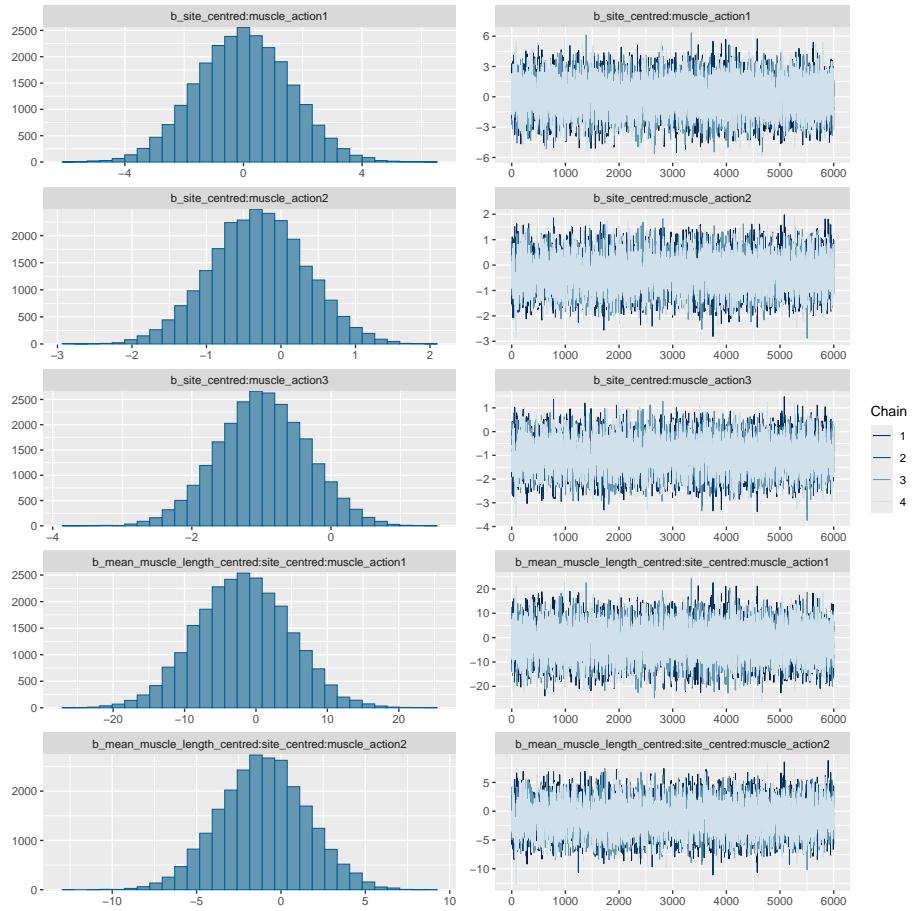
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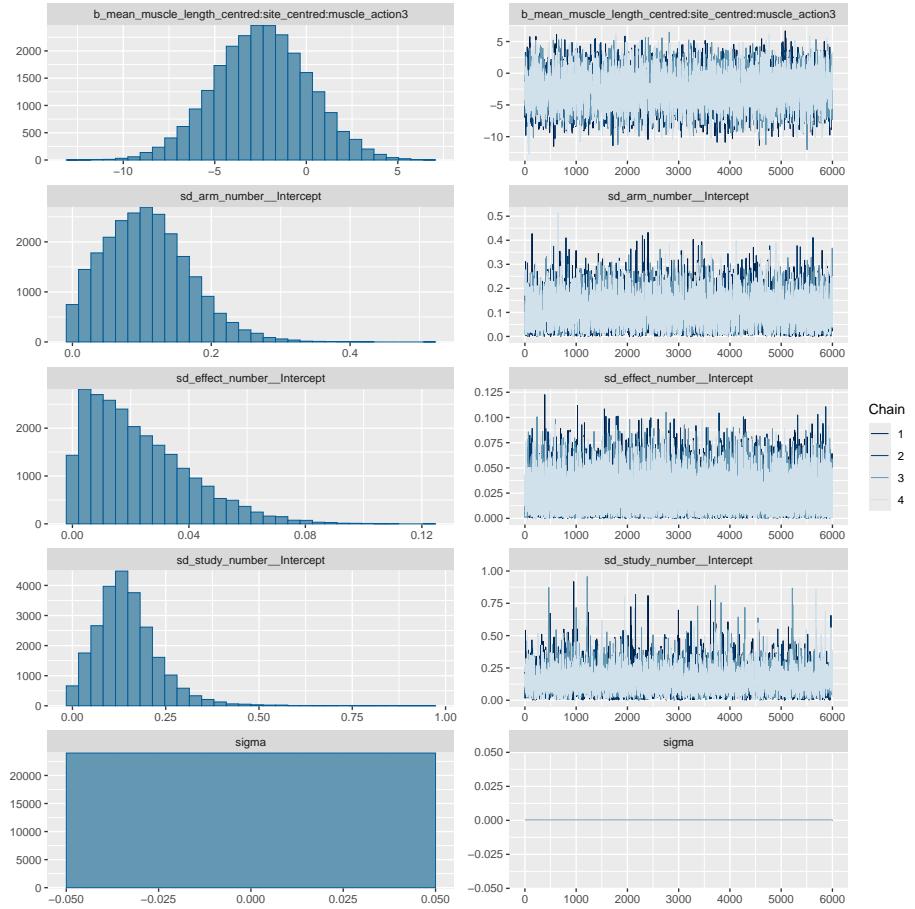
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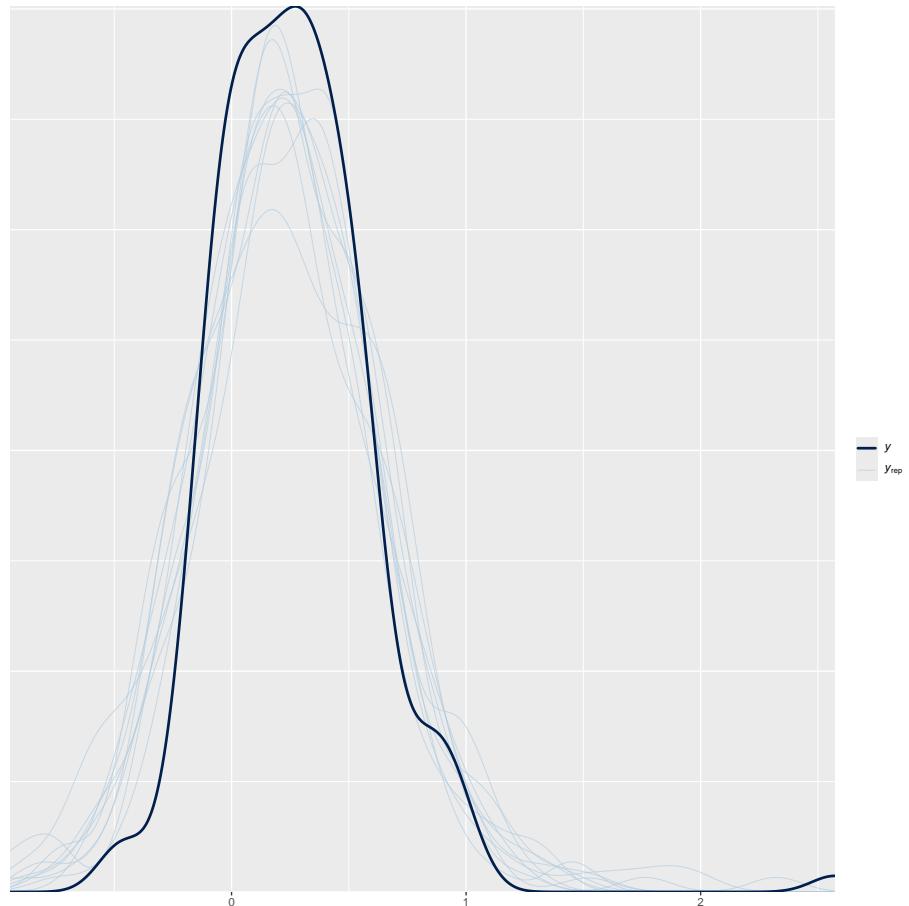
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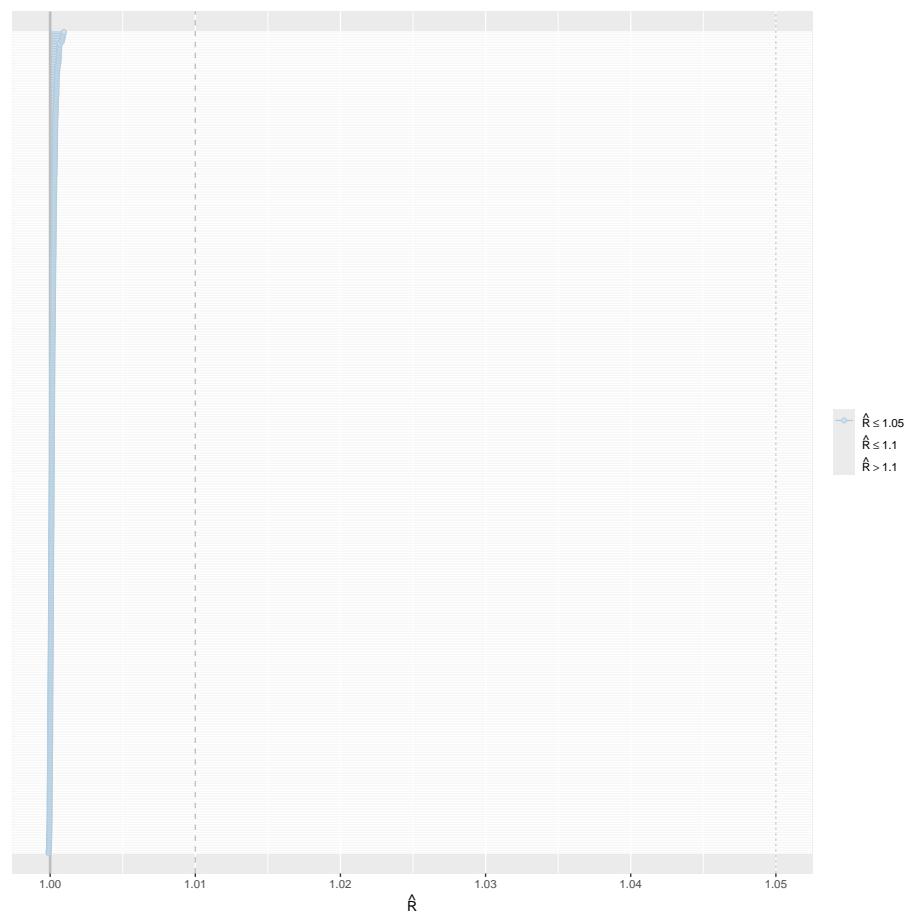


Posterior predictive check



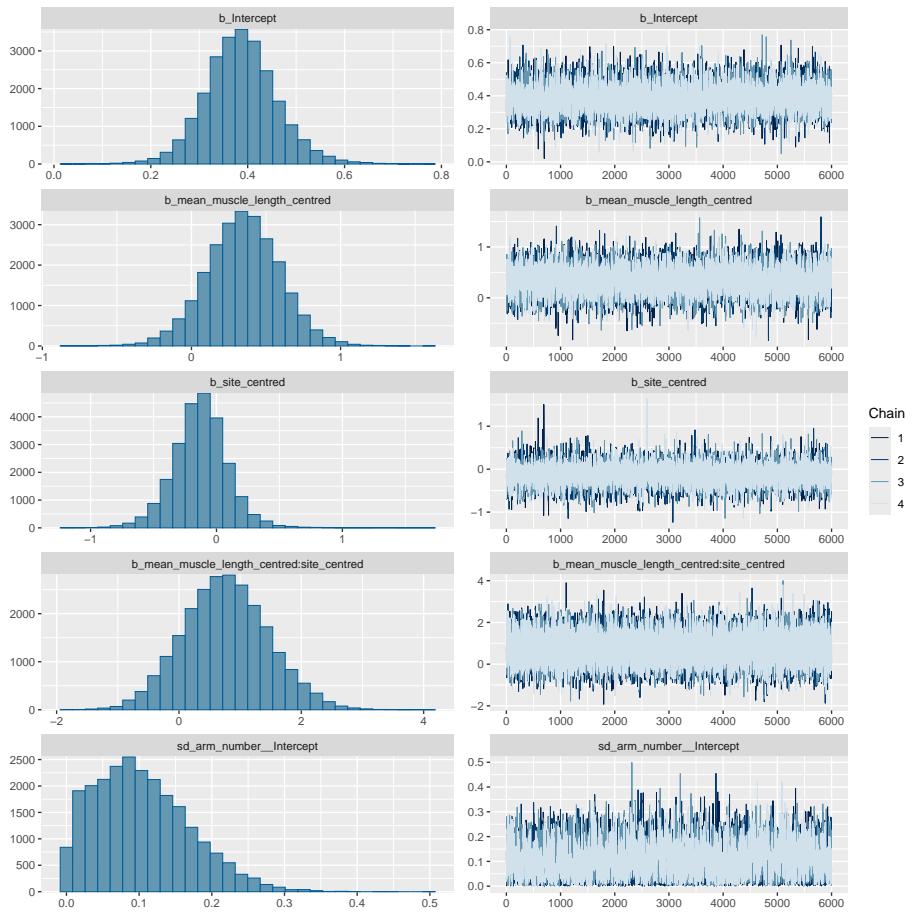
Main Model with Random Slopes - Uninformed Priors

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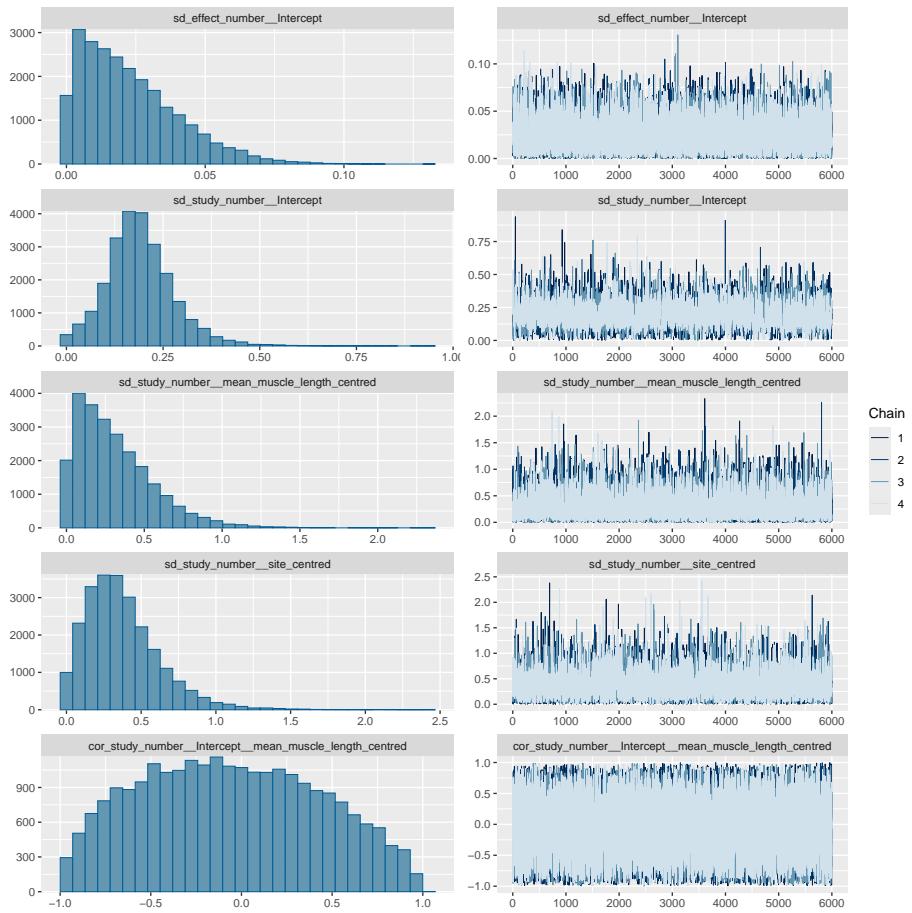


Trace plots

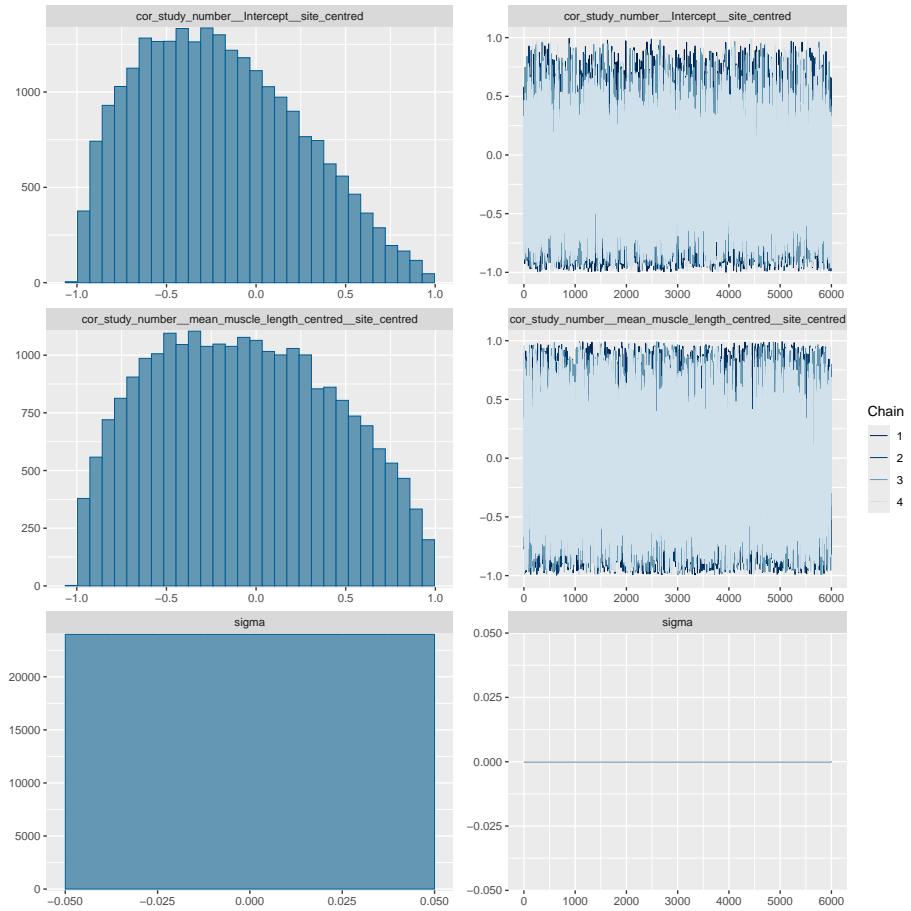
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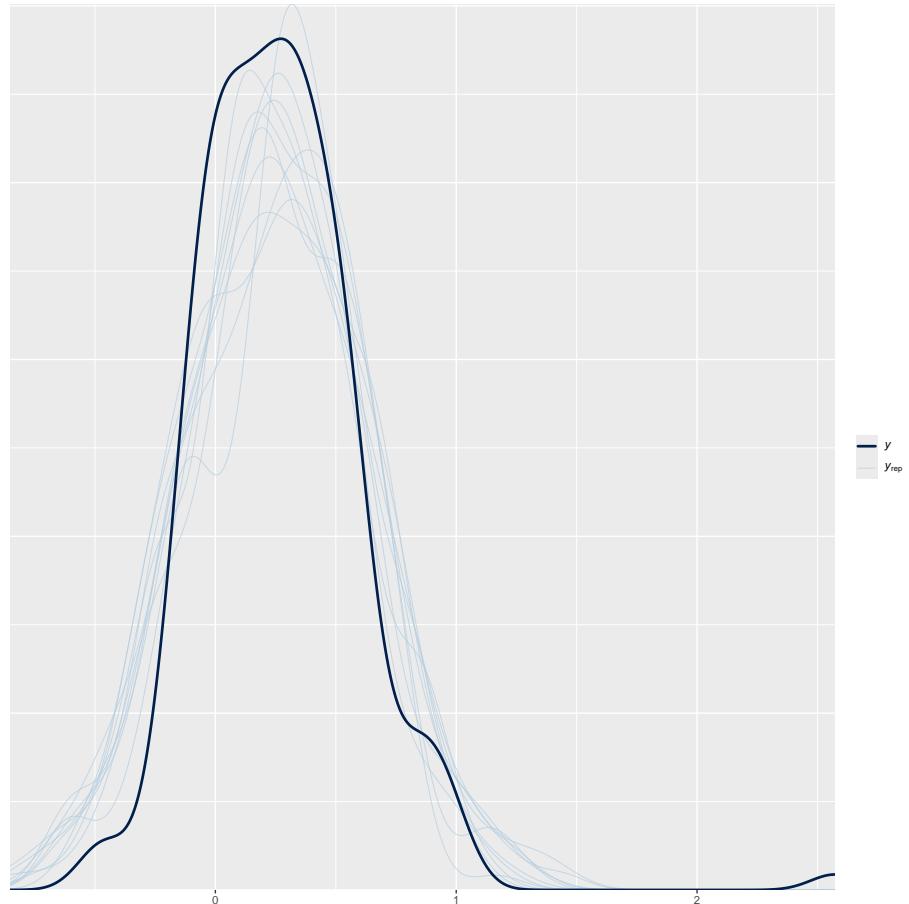
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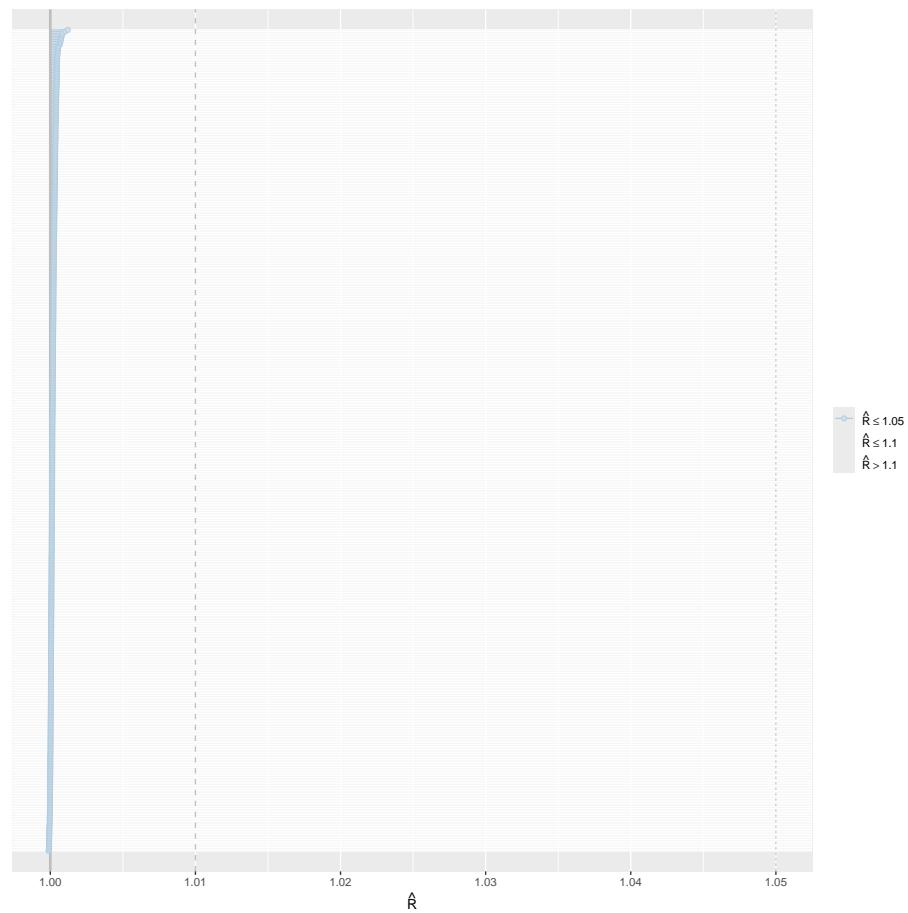


Posterior predictive check



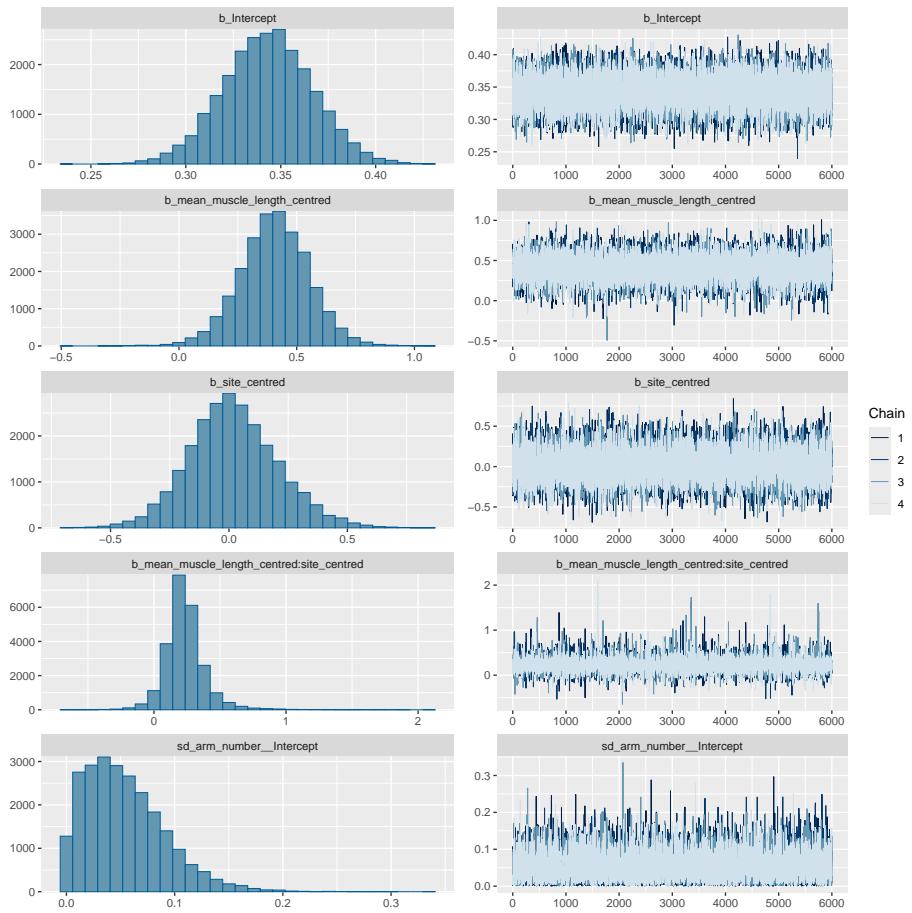
Main Model with Random Slopes - Dorian Varovic and Brad Schoenfeld Priors

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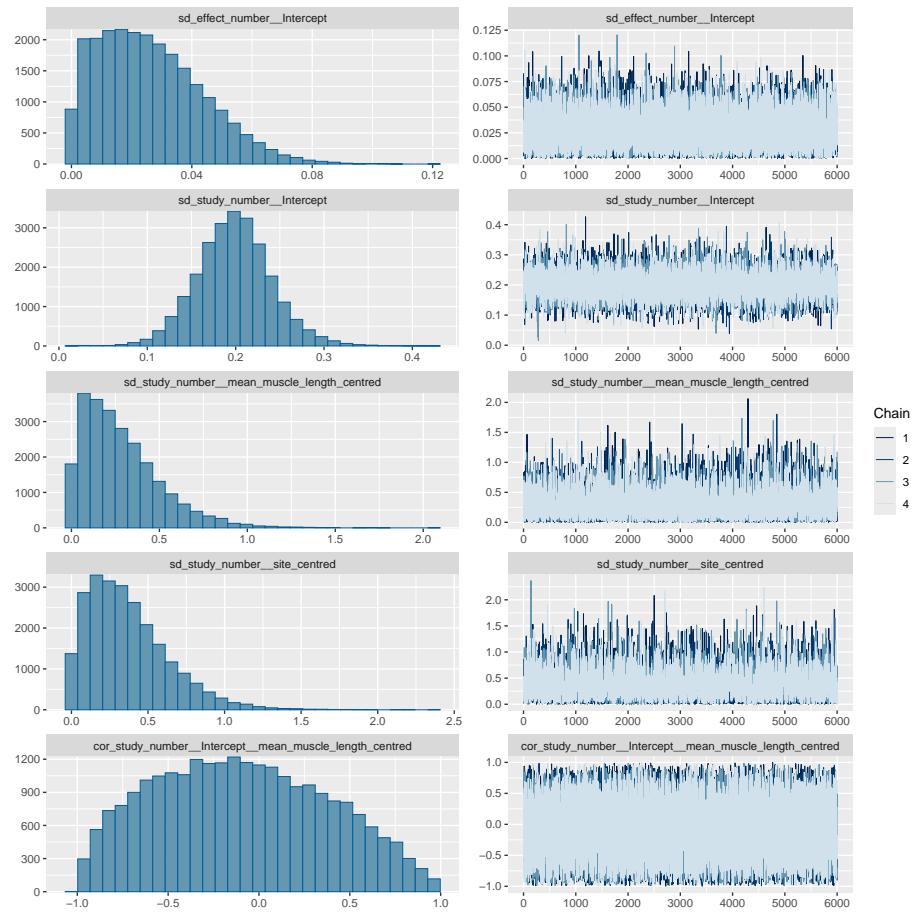


Trace plots

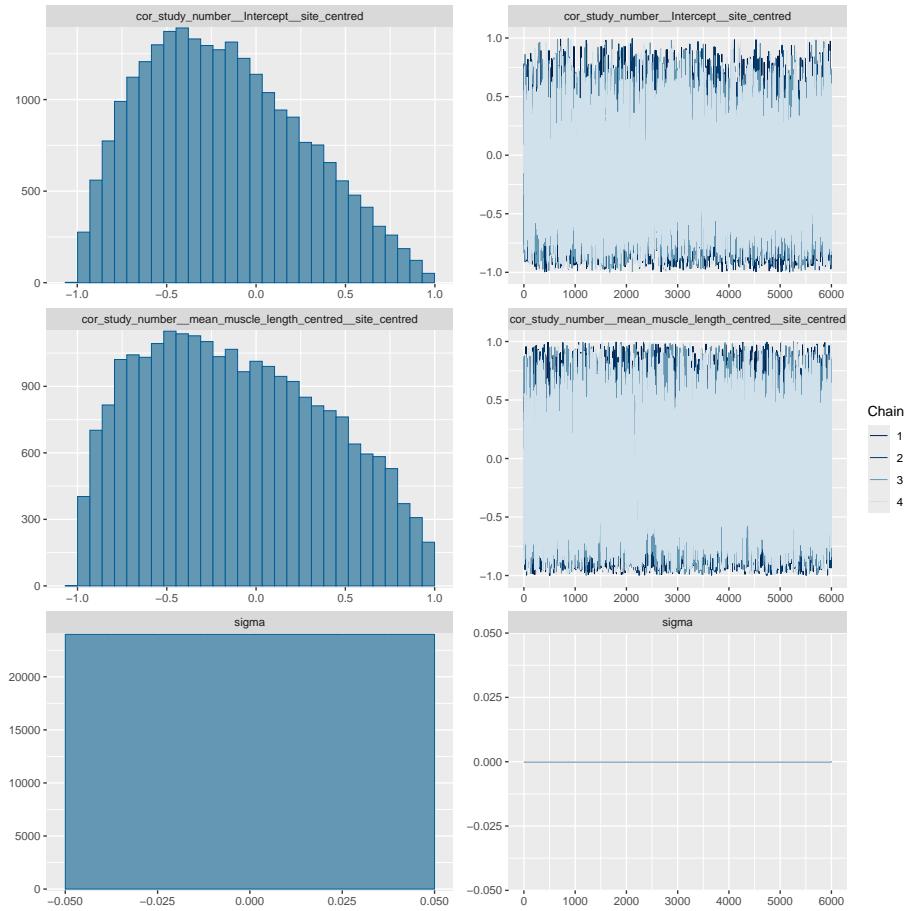
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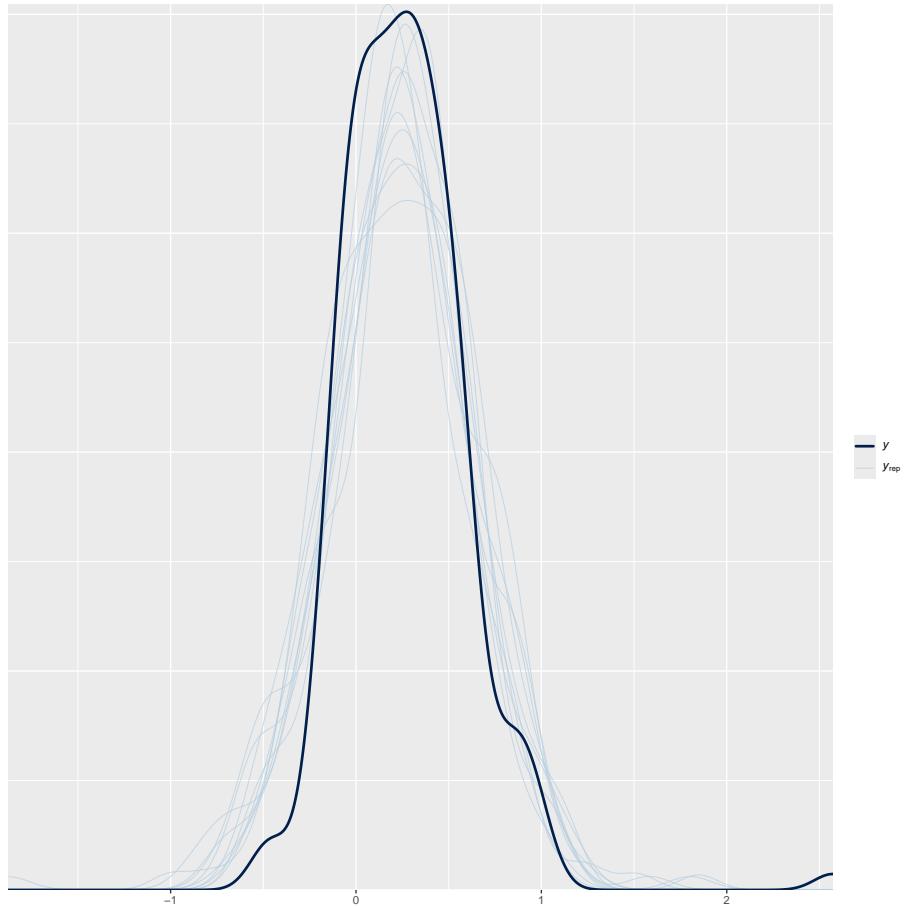
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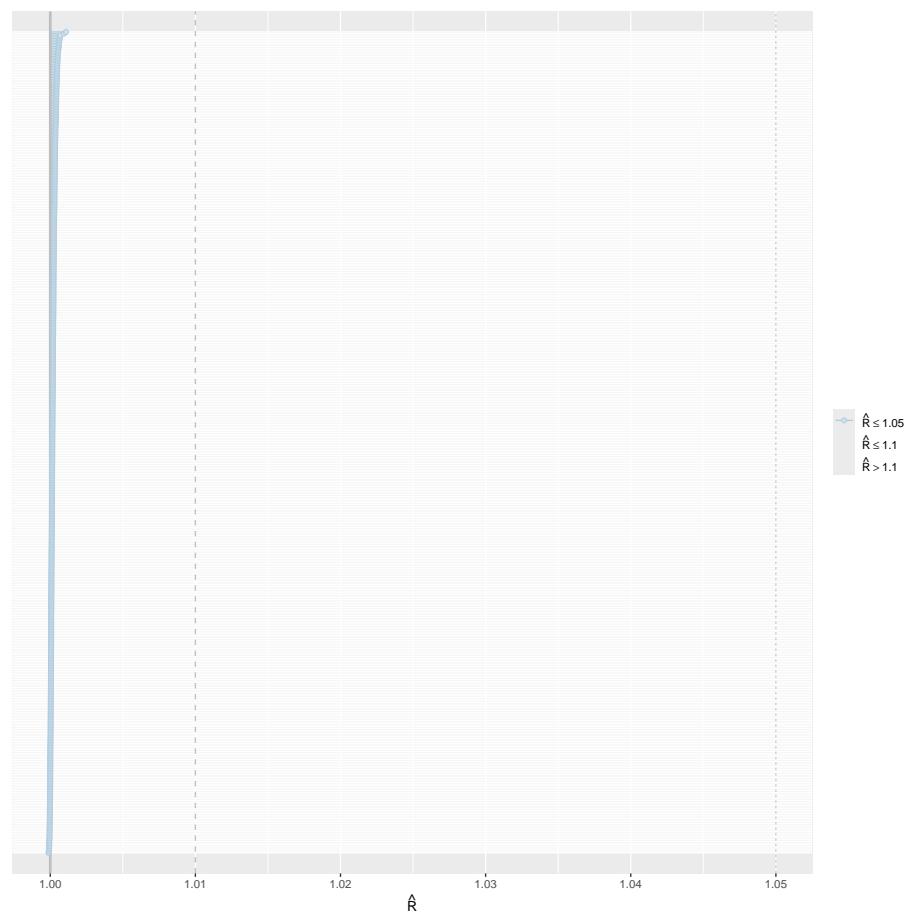


Posterior predictive check



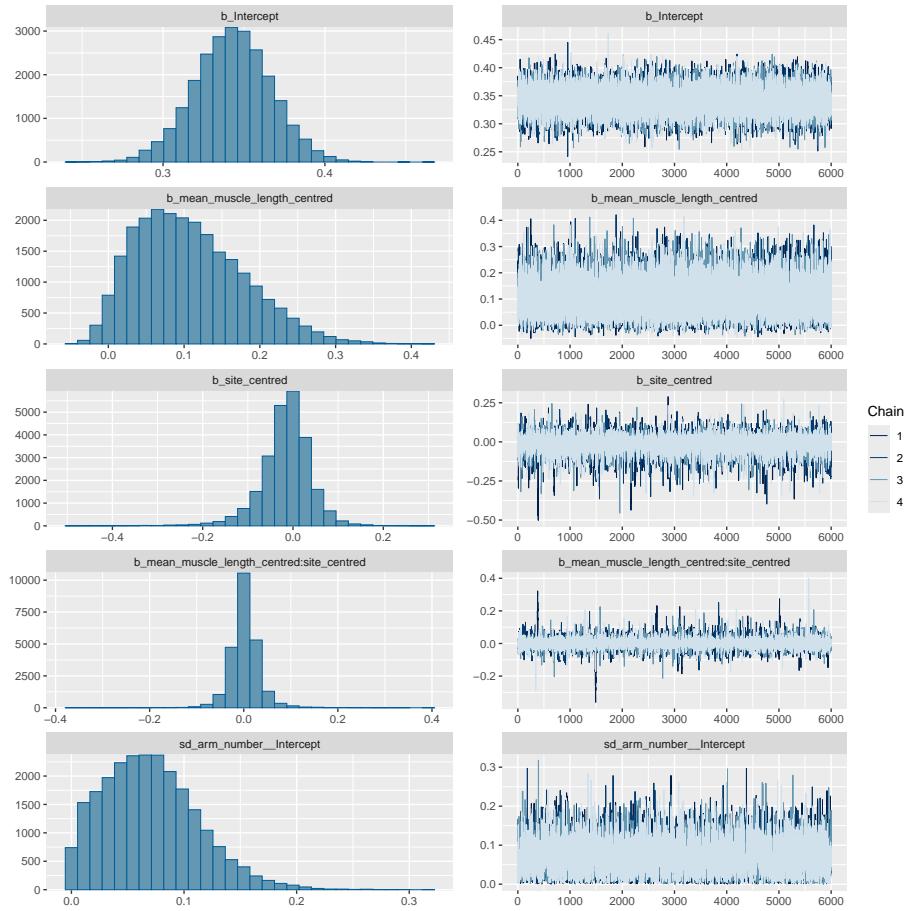
Main Model with Random Slopes - James Steele Priors

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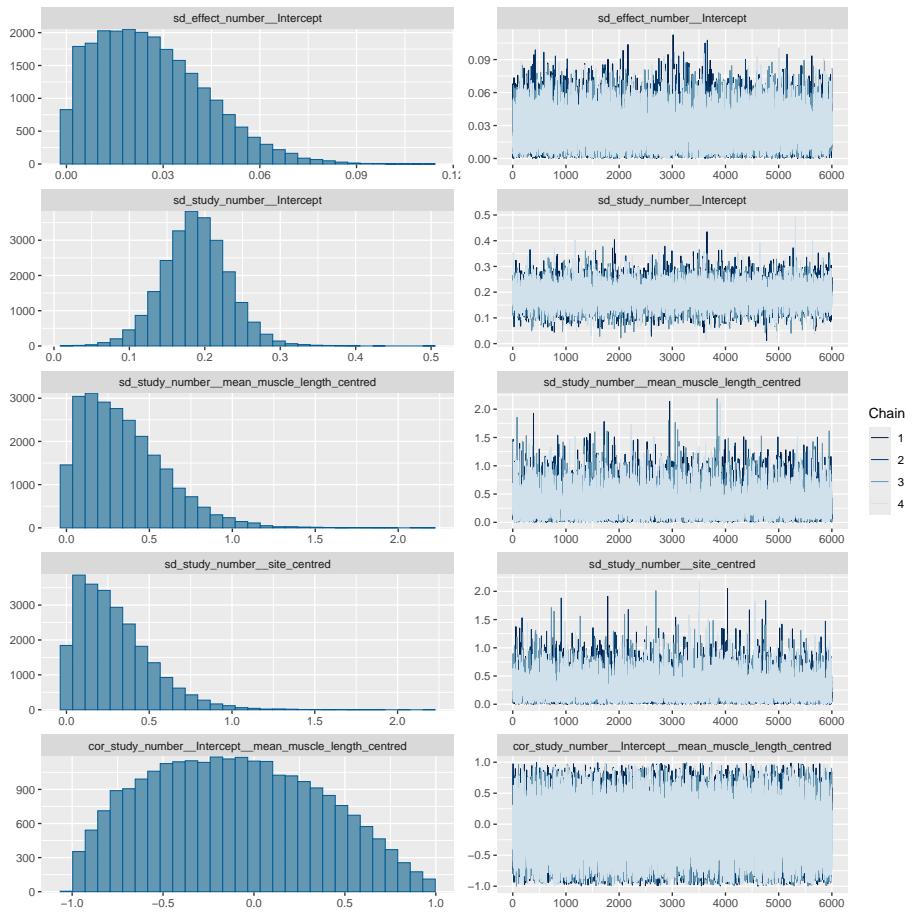


Trace plots

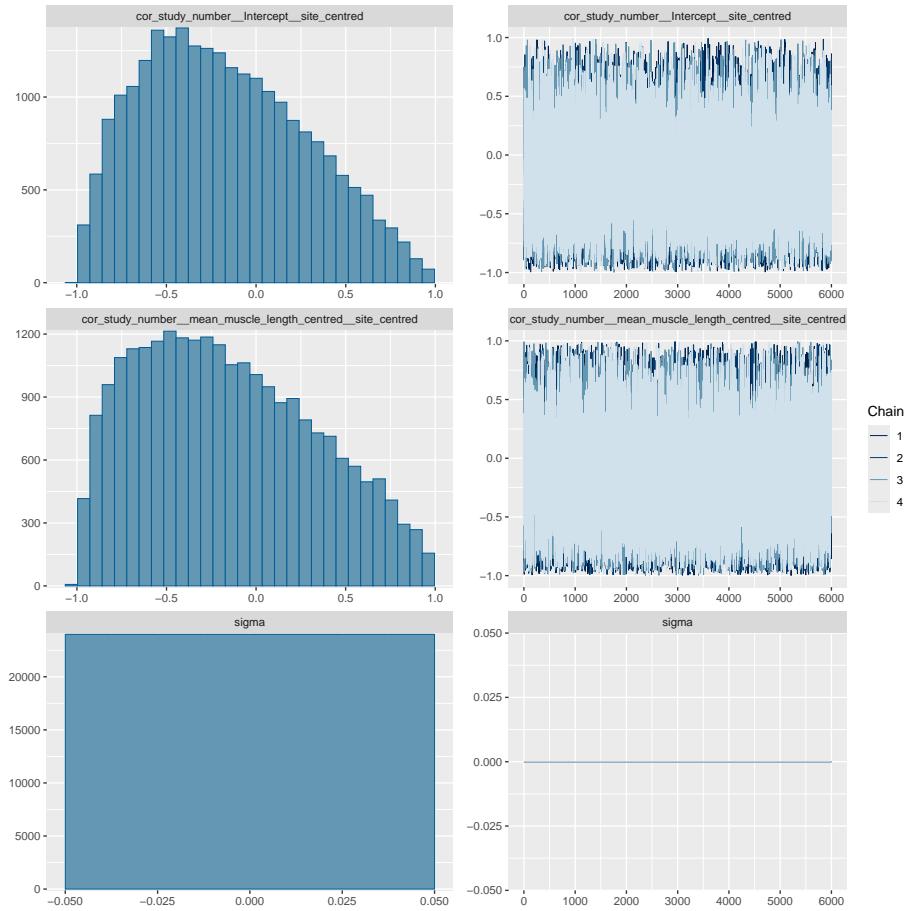
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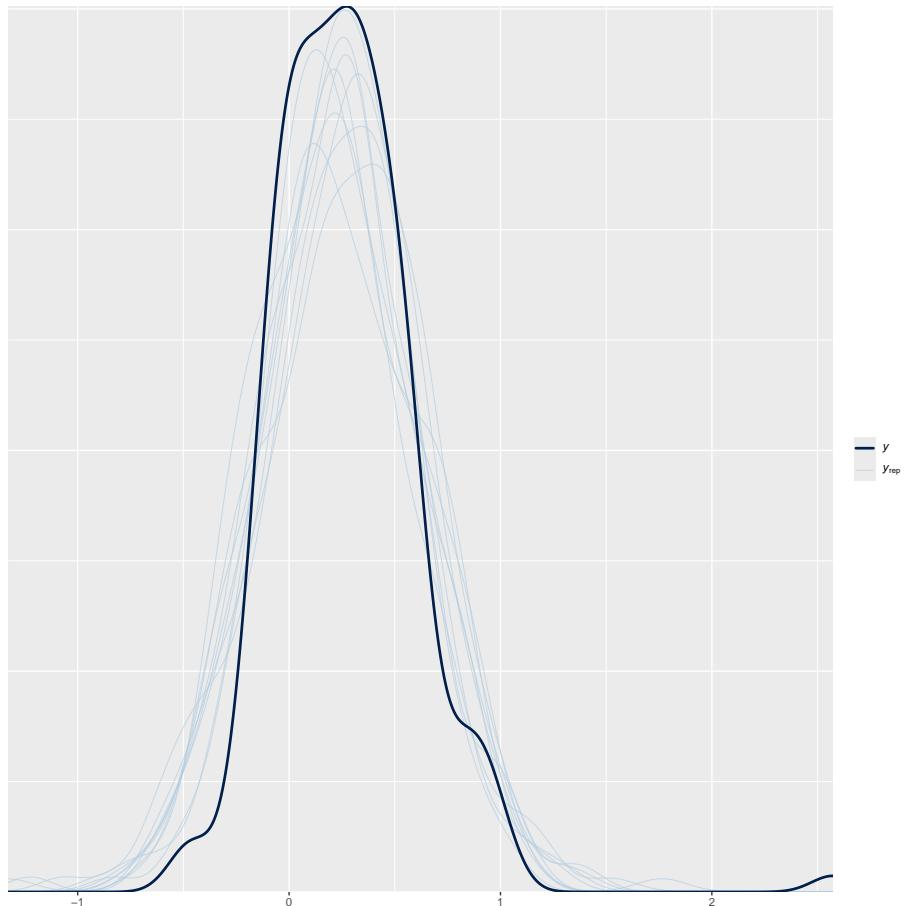
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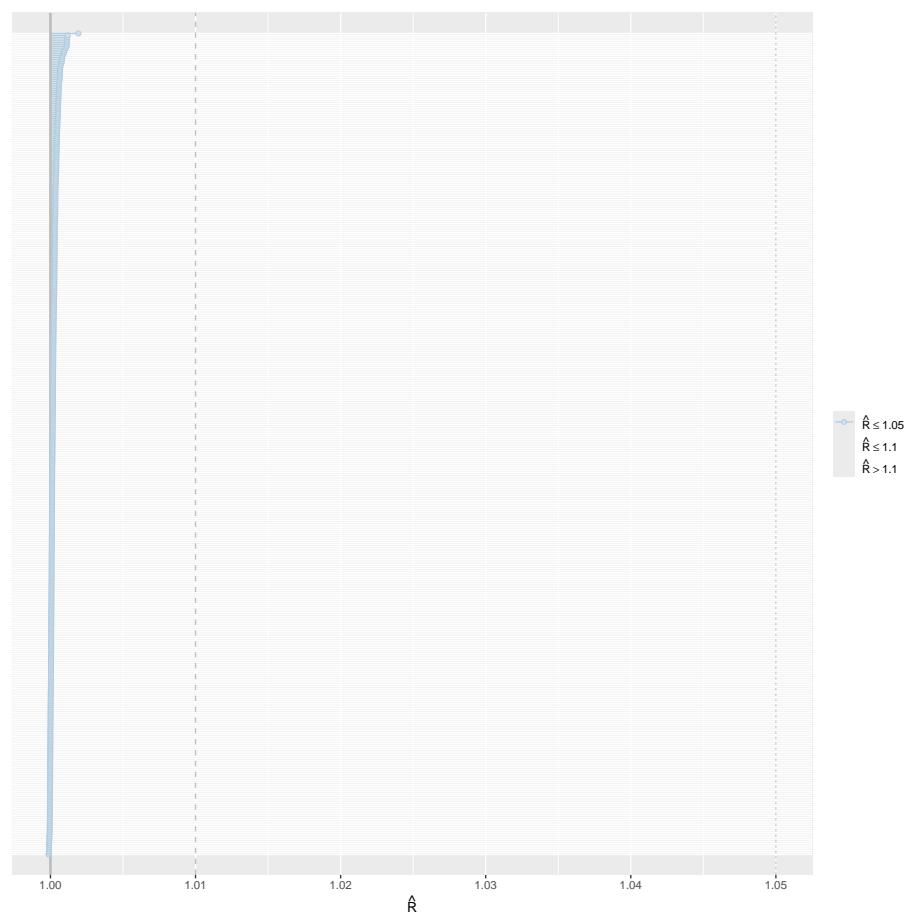
Posterior predictive check



Log Response Ratio Models

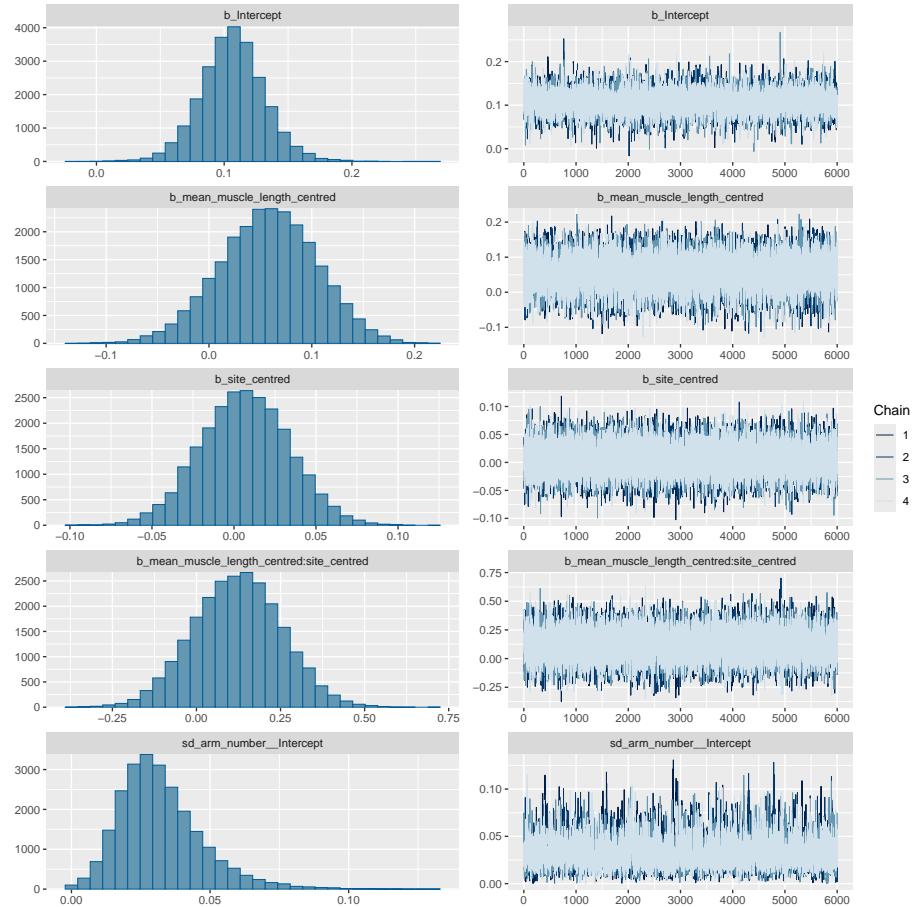
Main Model - Uninformed Priors

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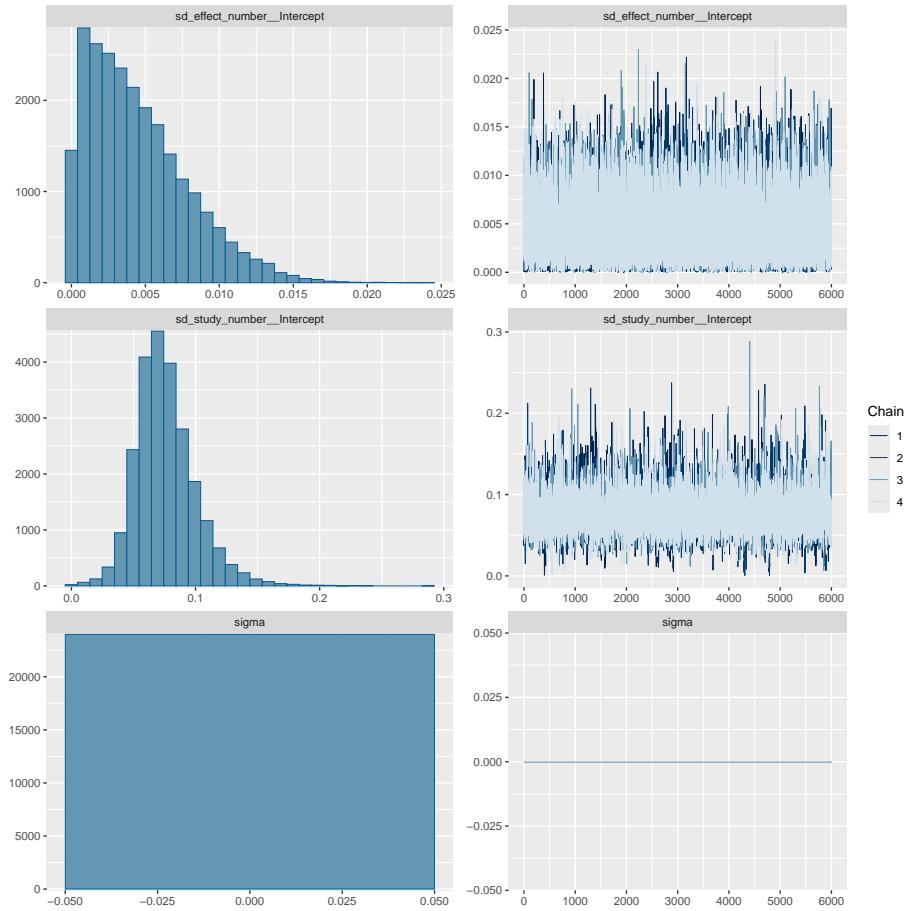


Trace plots

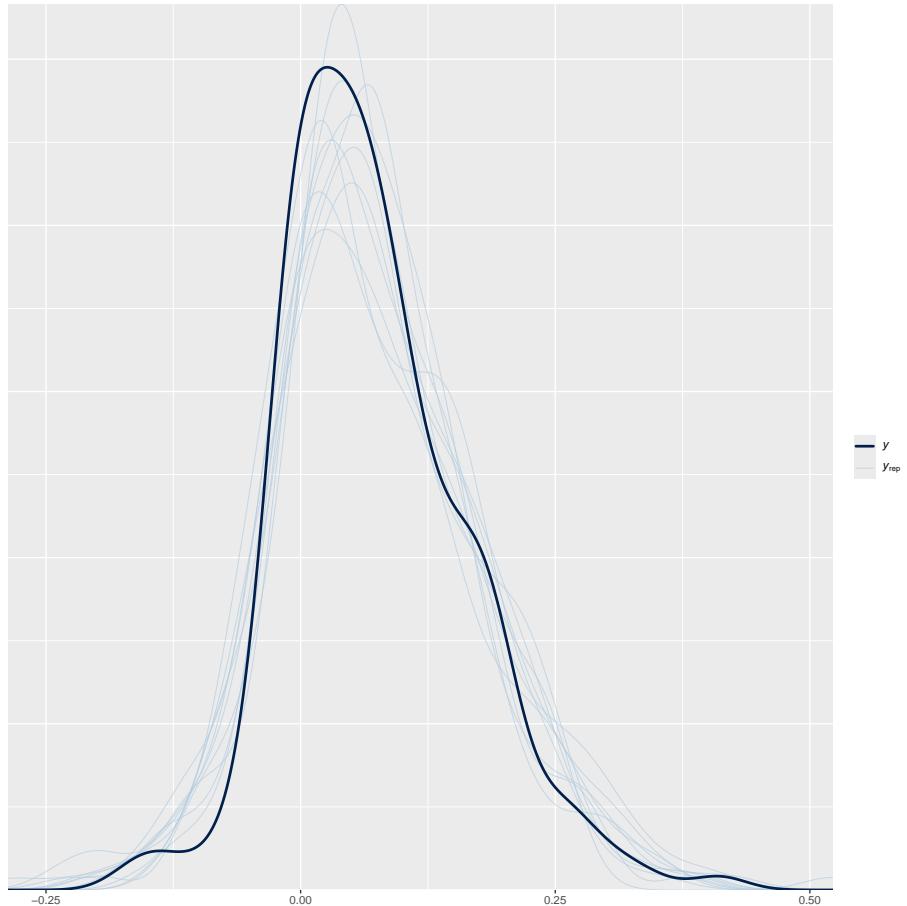
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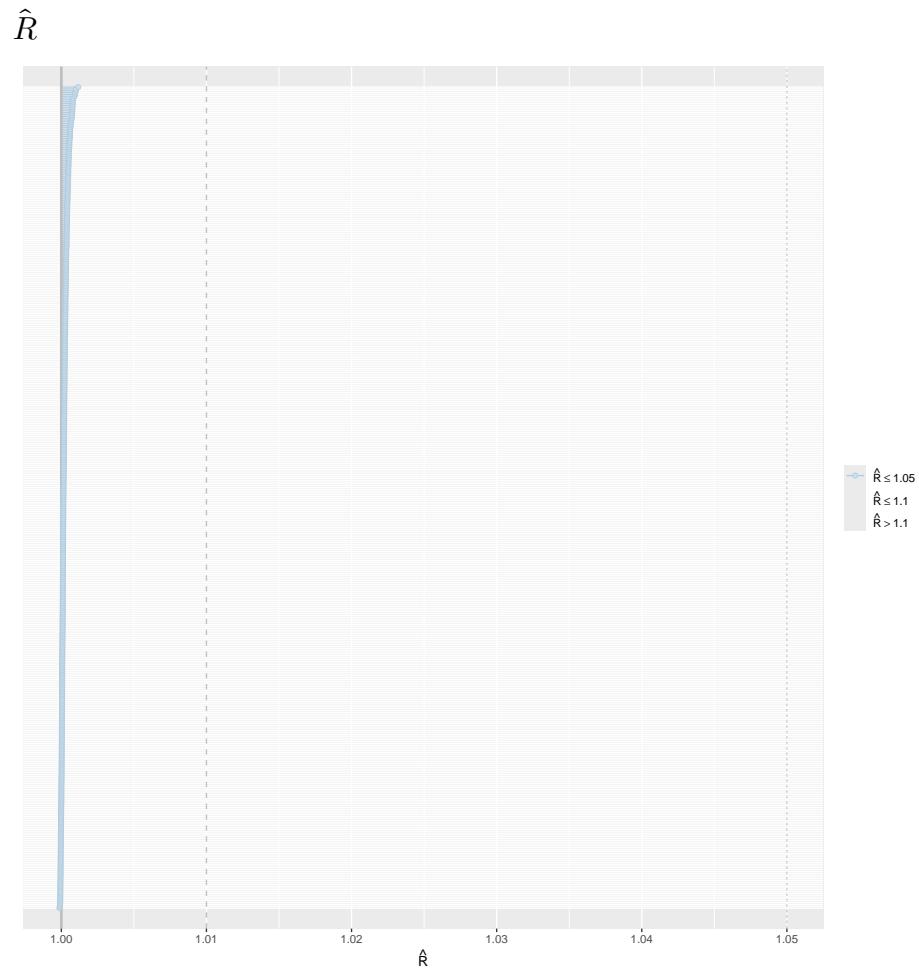
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Posterior predictive check

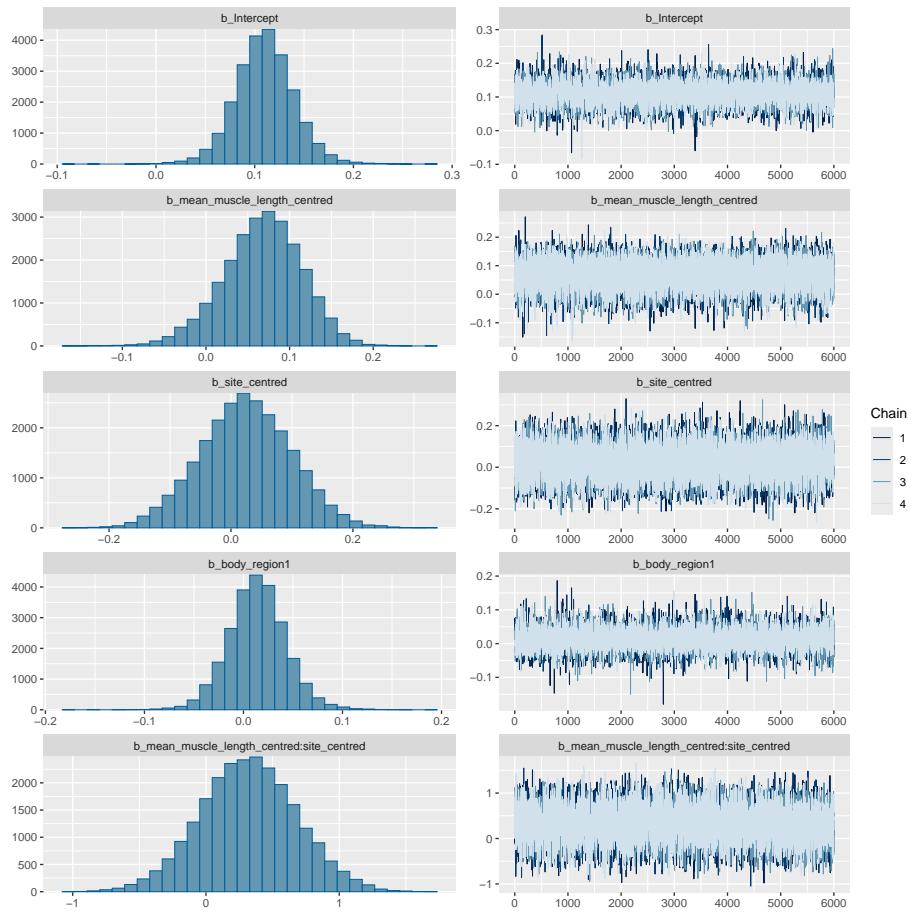


Upper vs Lower Body Model - Uninformed Priors

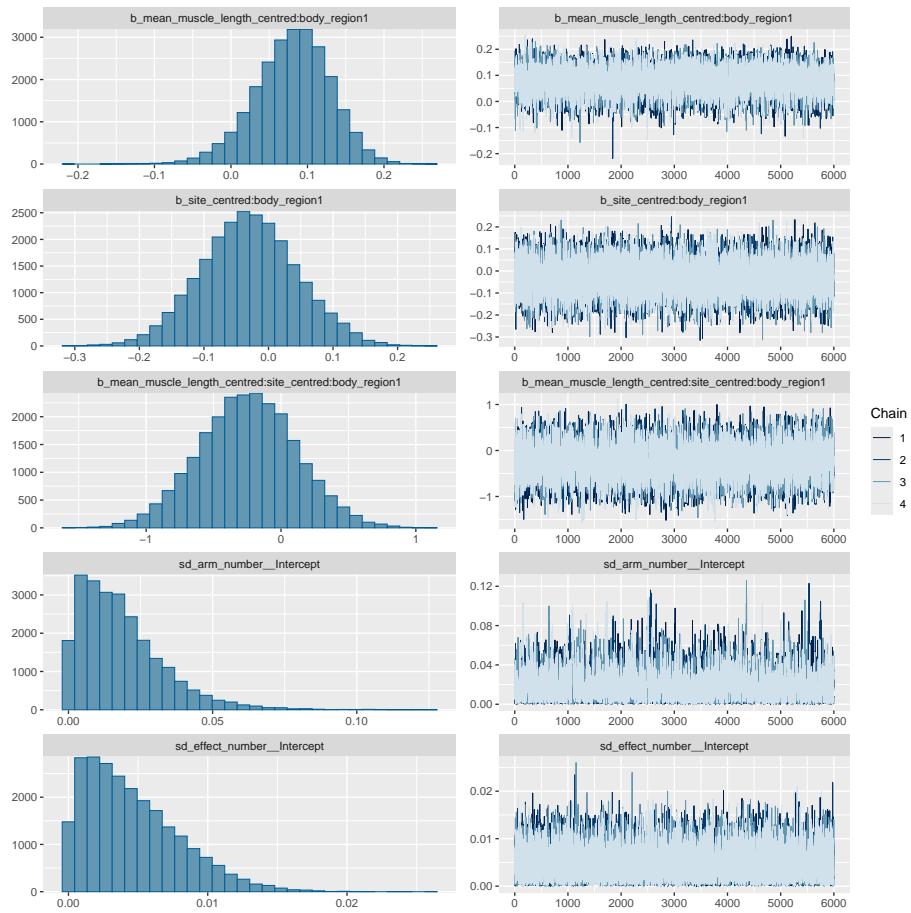


Trace plots

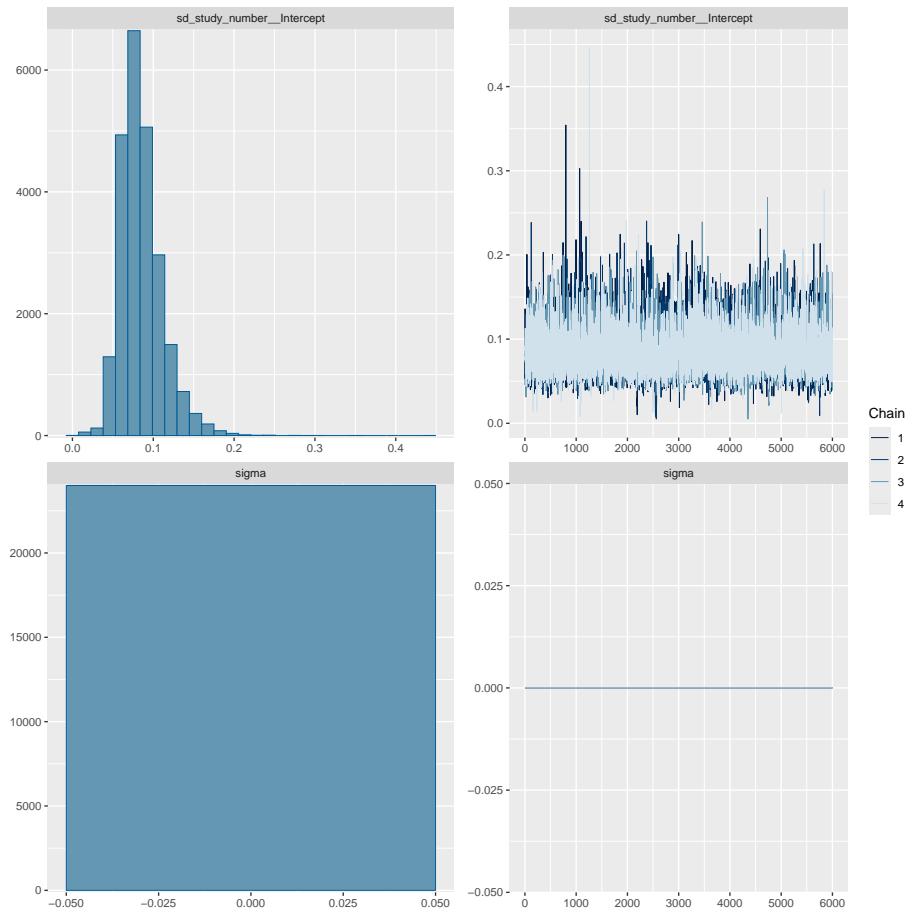
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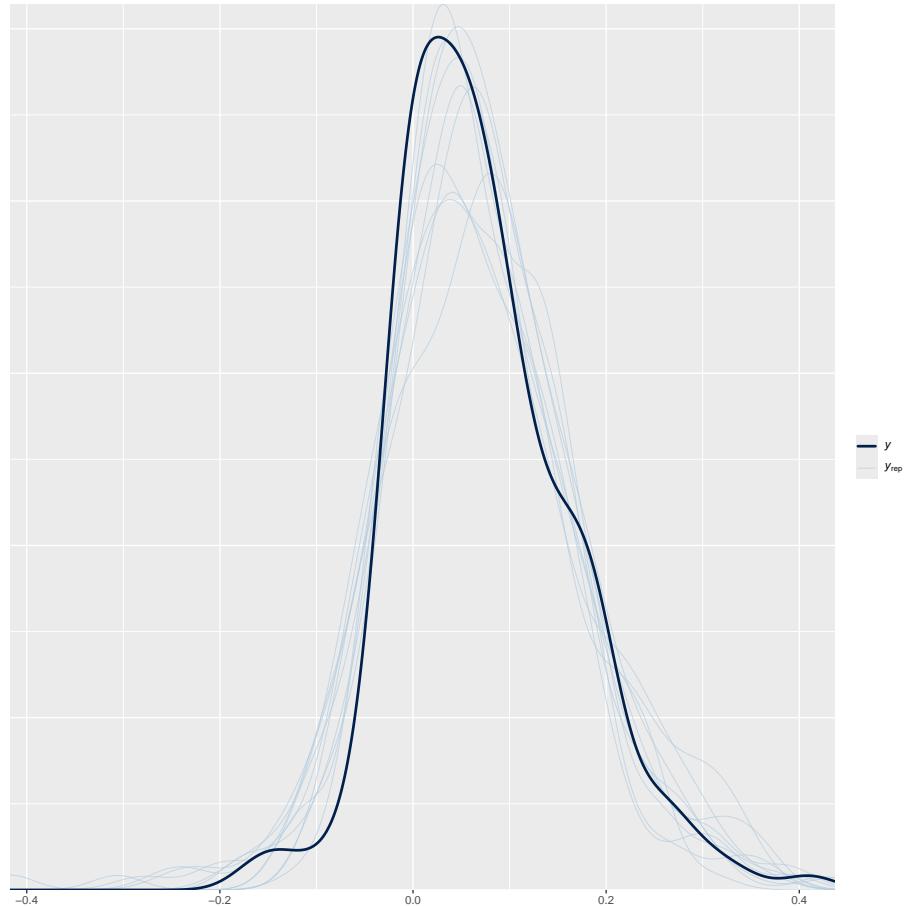
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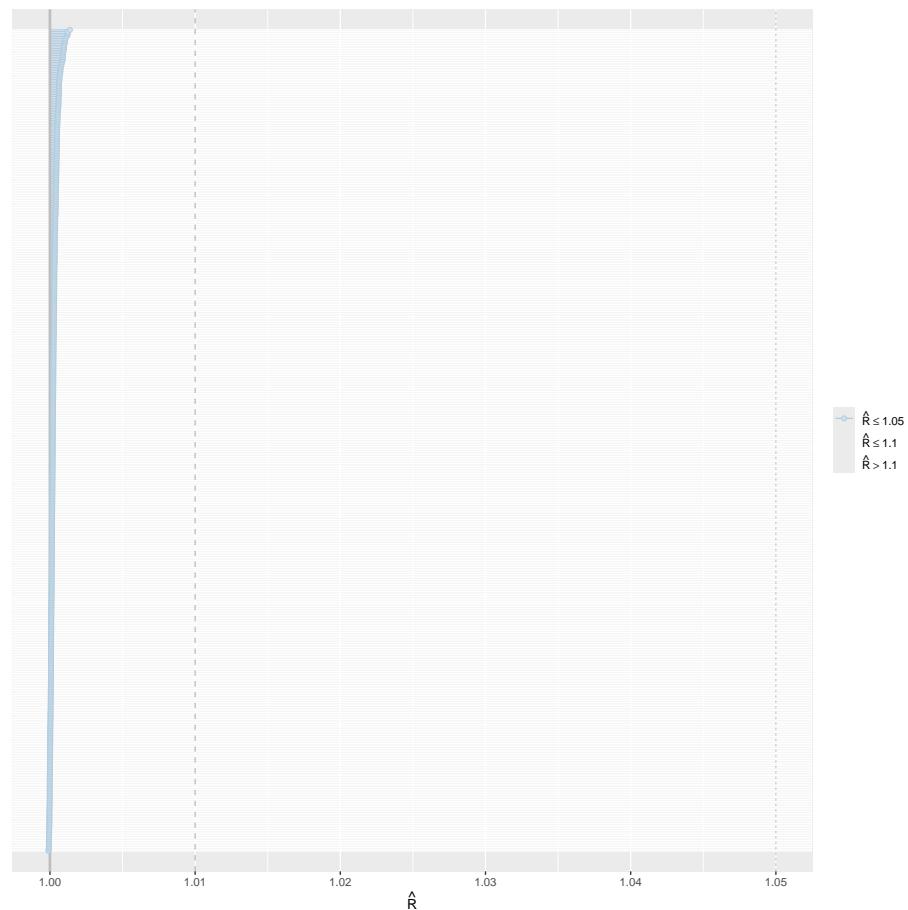


Posterior predictive check



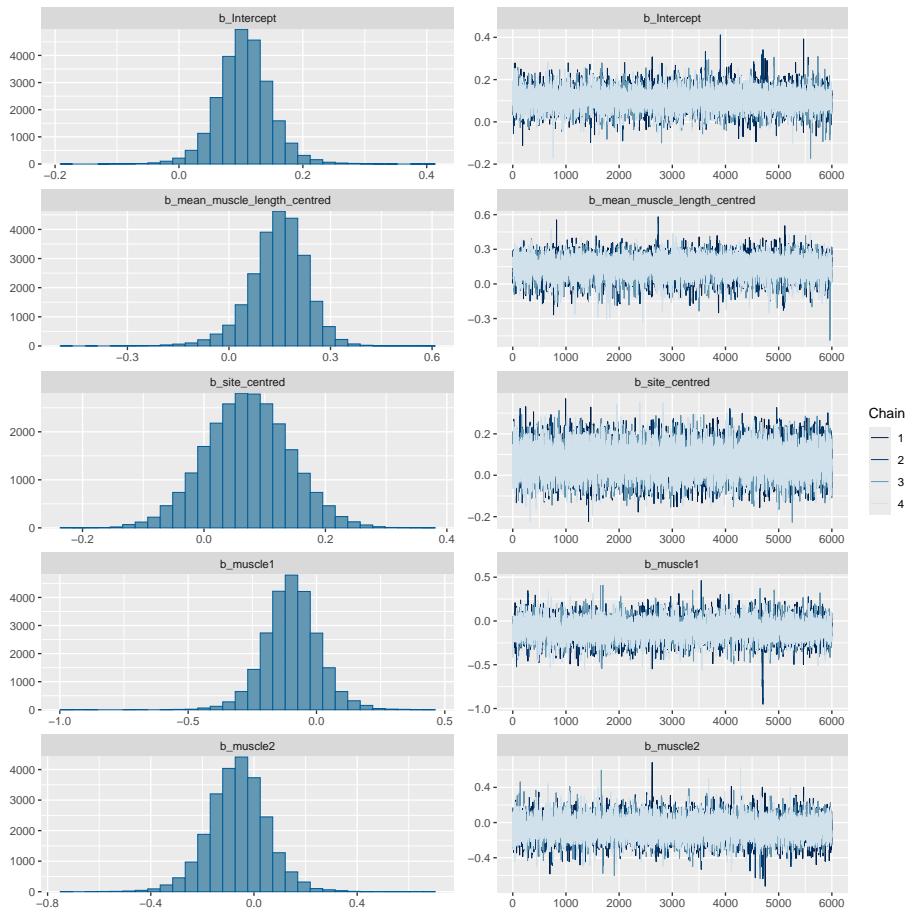
Muscle Group Model - Uninformed Priors

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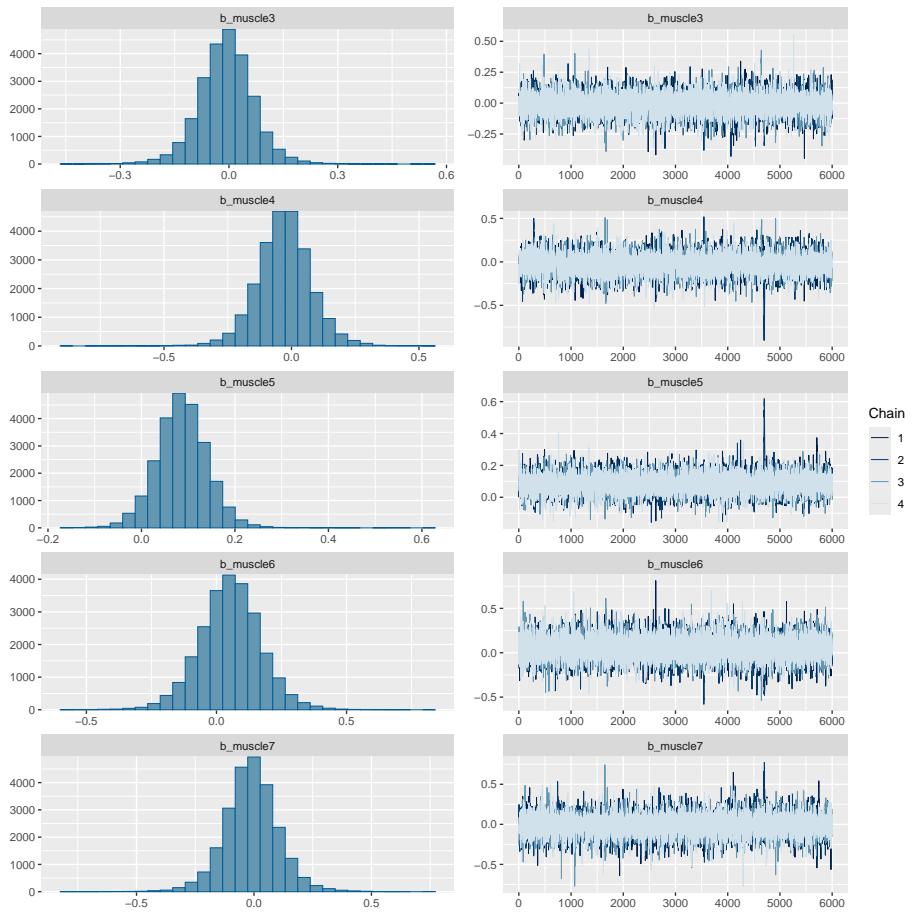


Trace plots

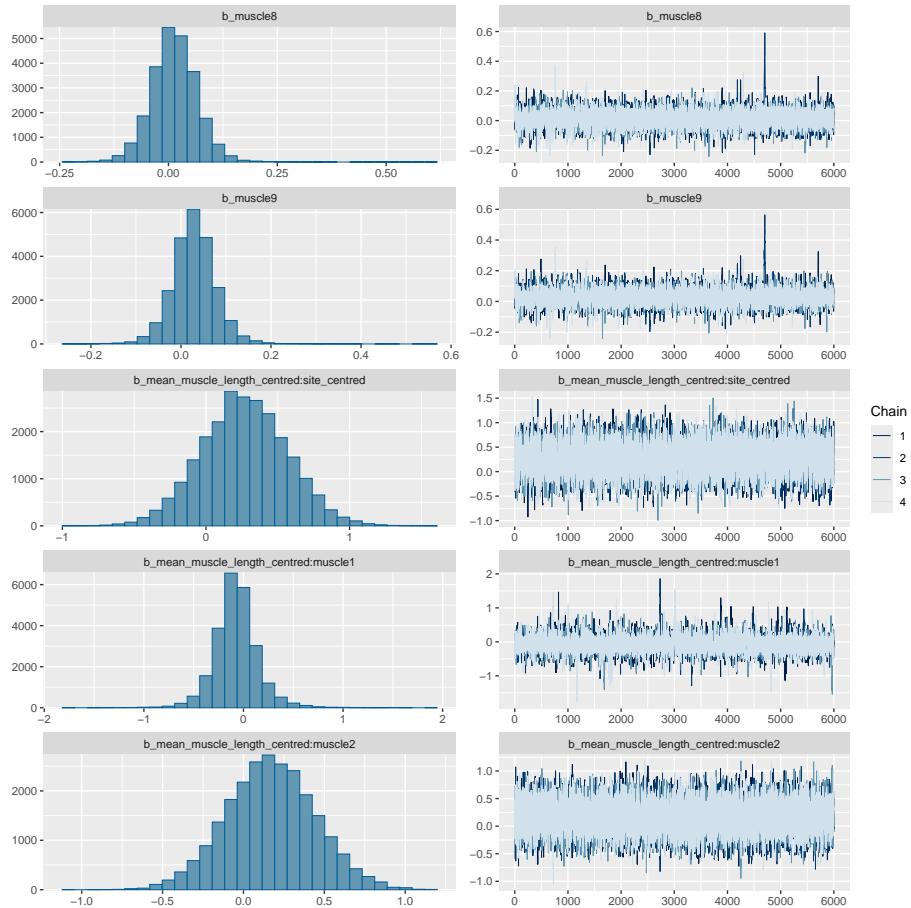
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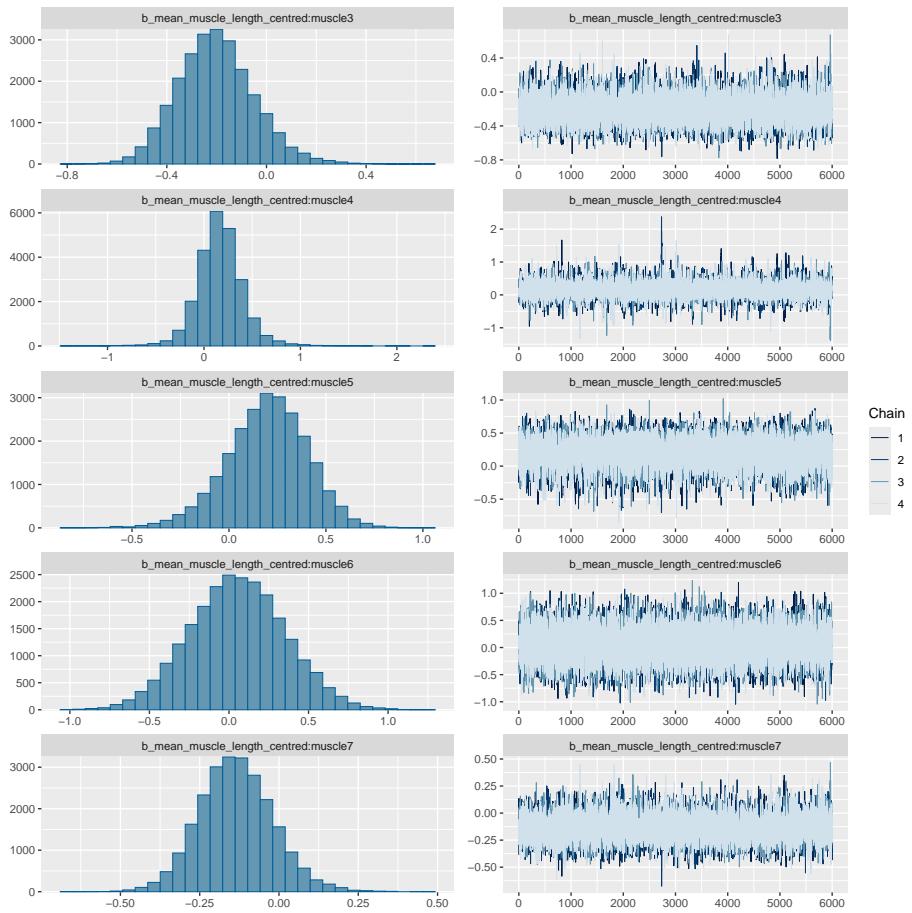
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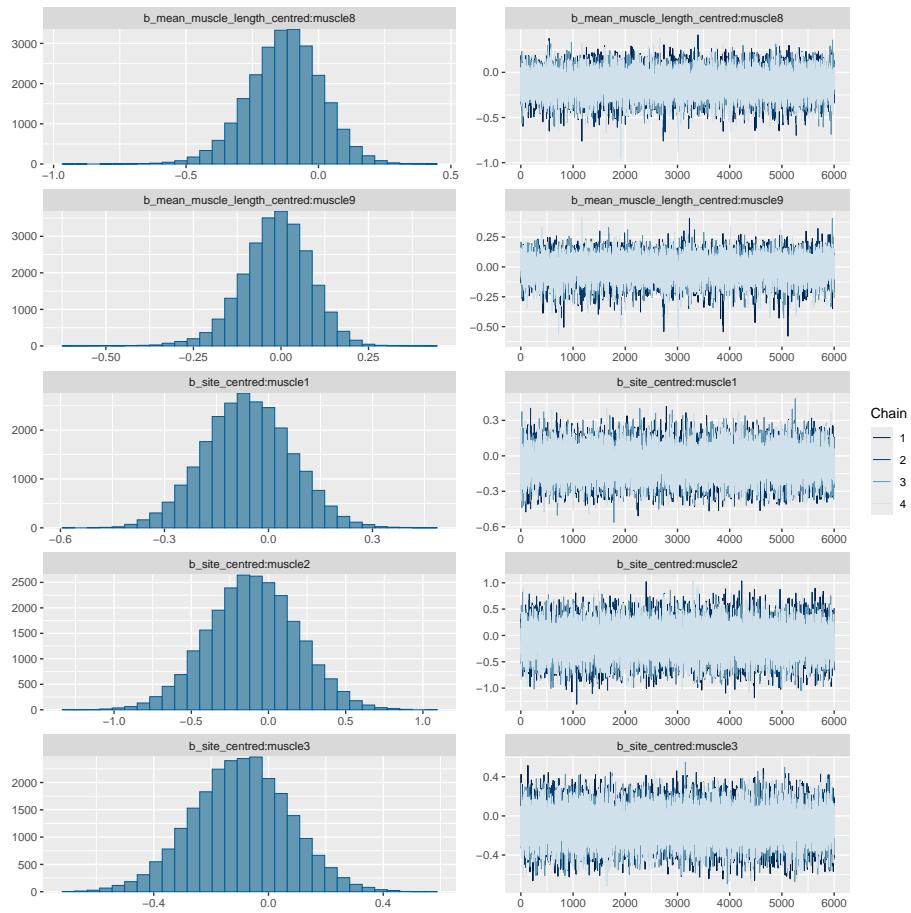
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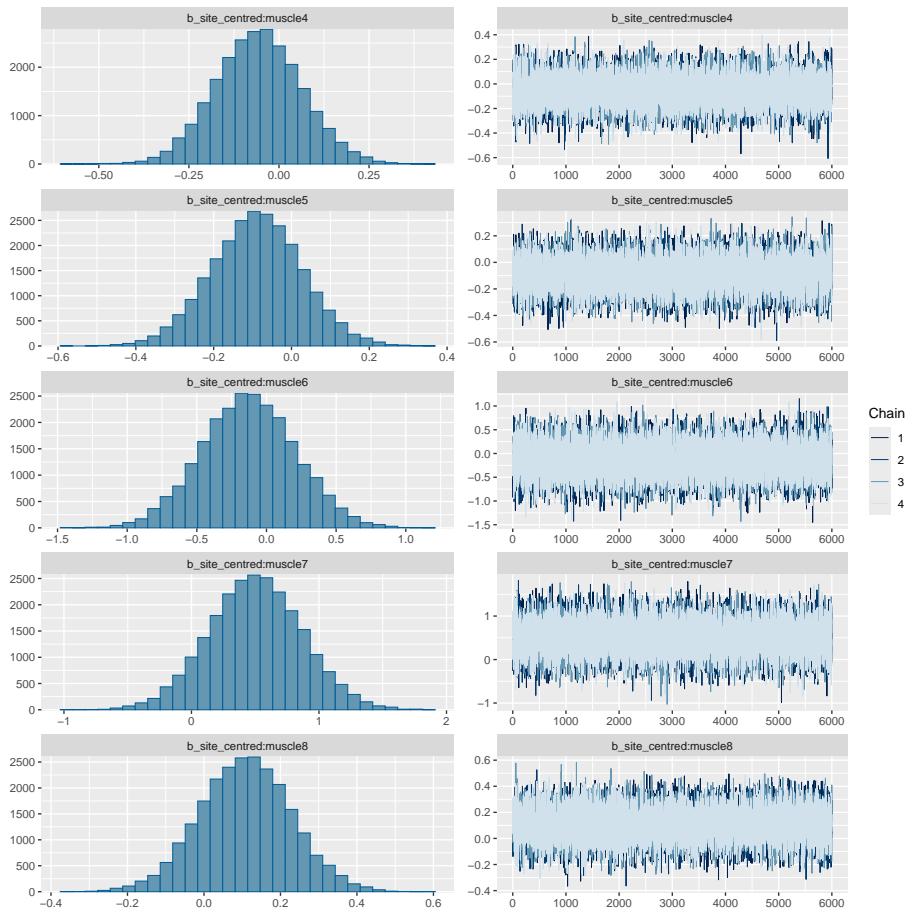
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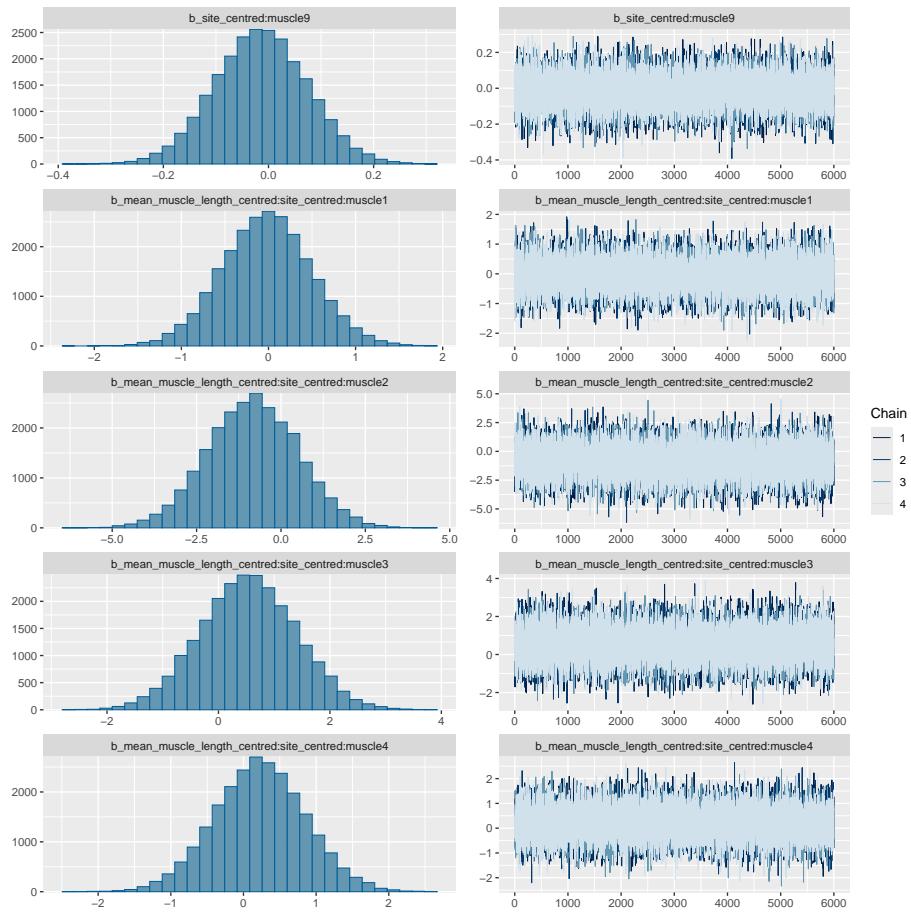
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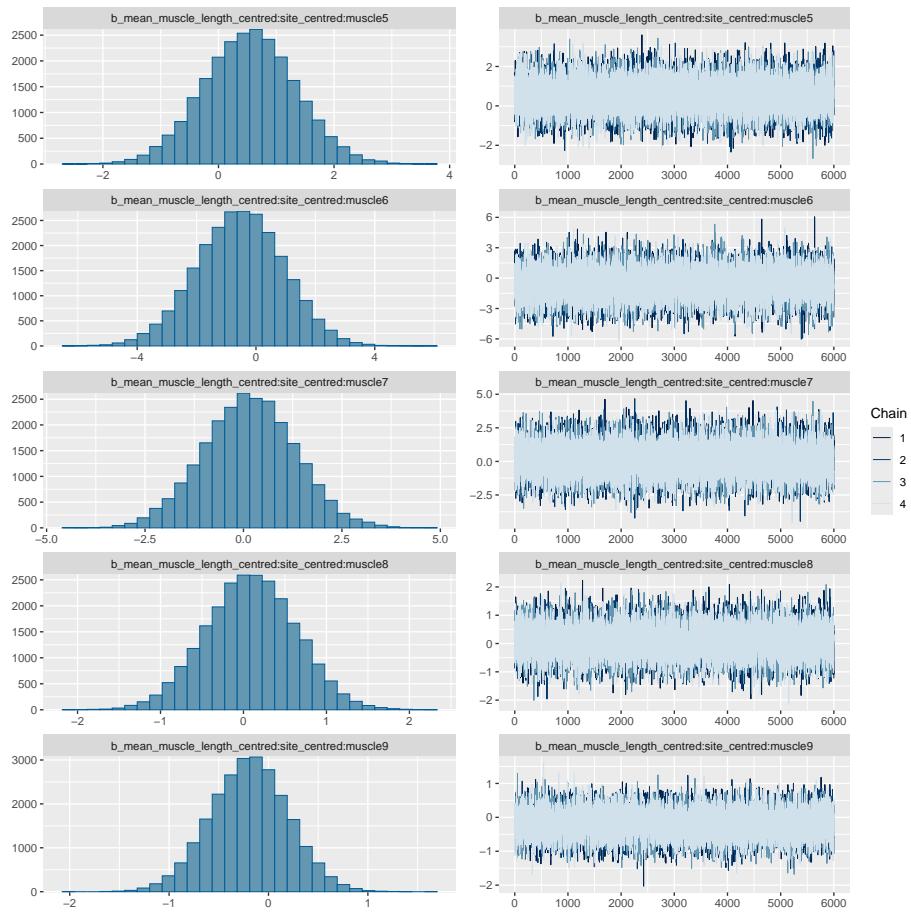
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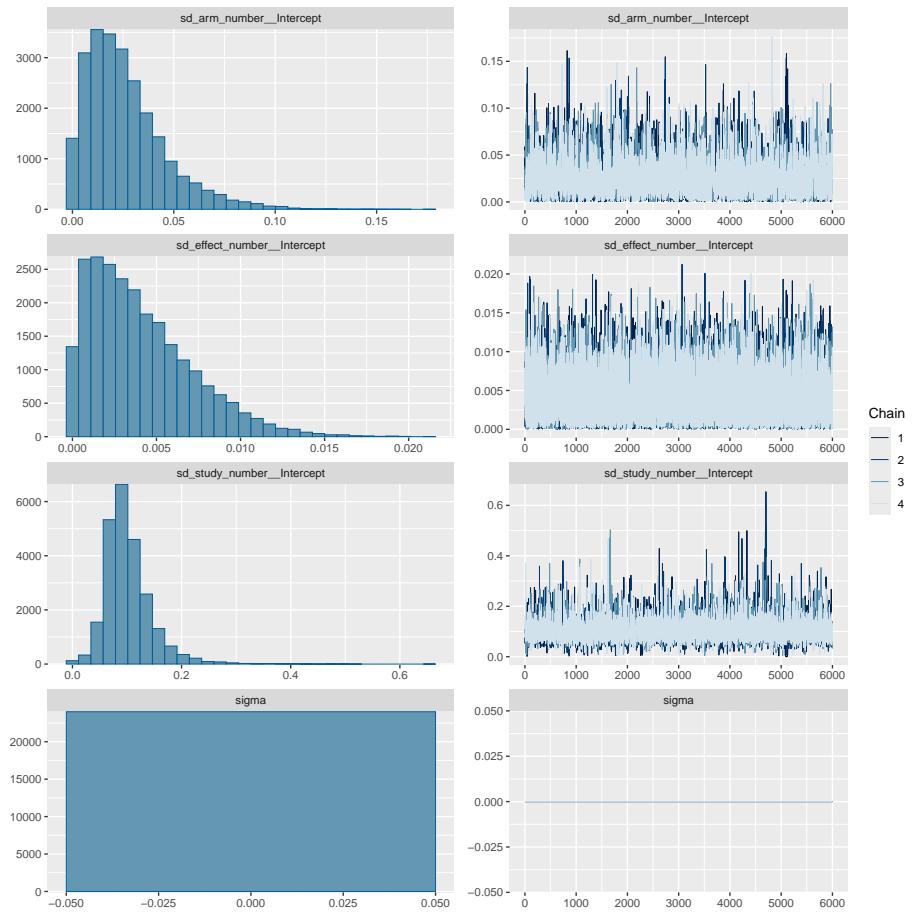
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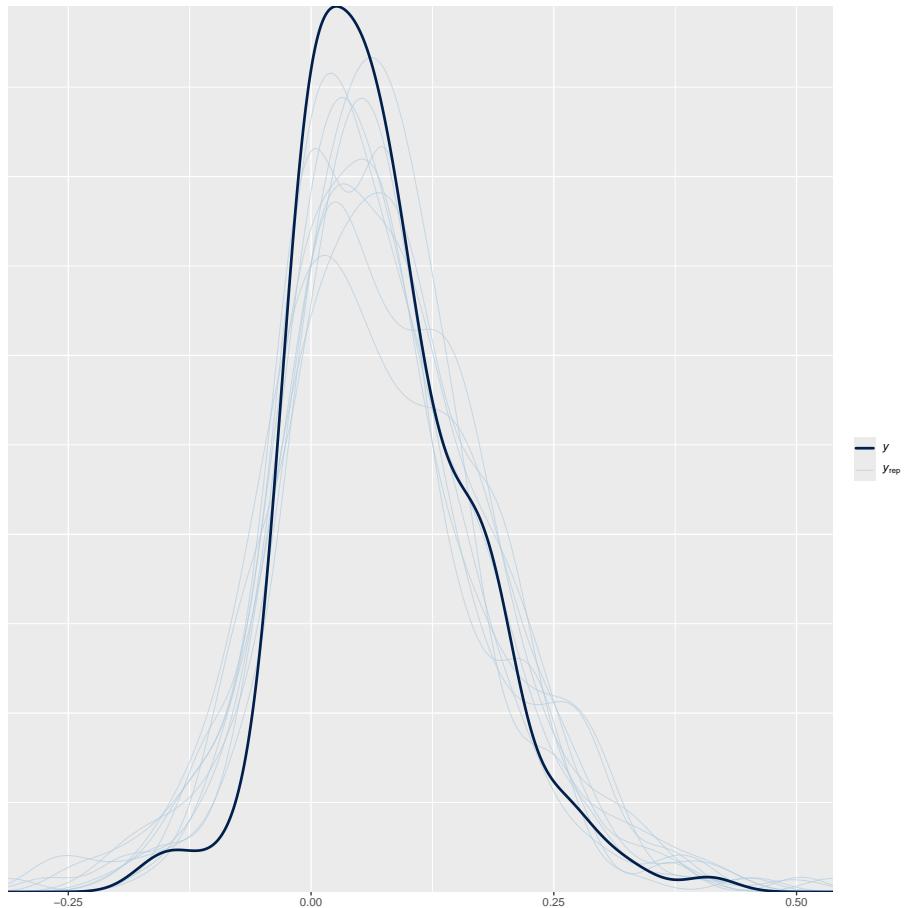
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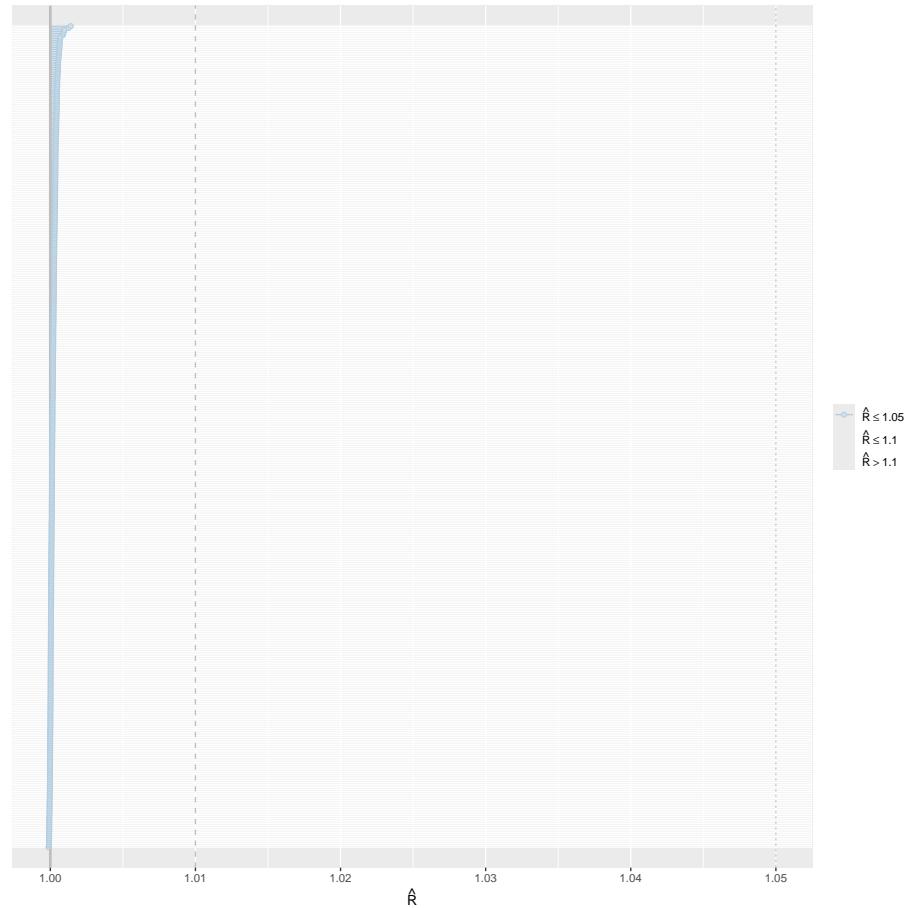


Posterior predictive check



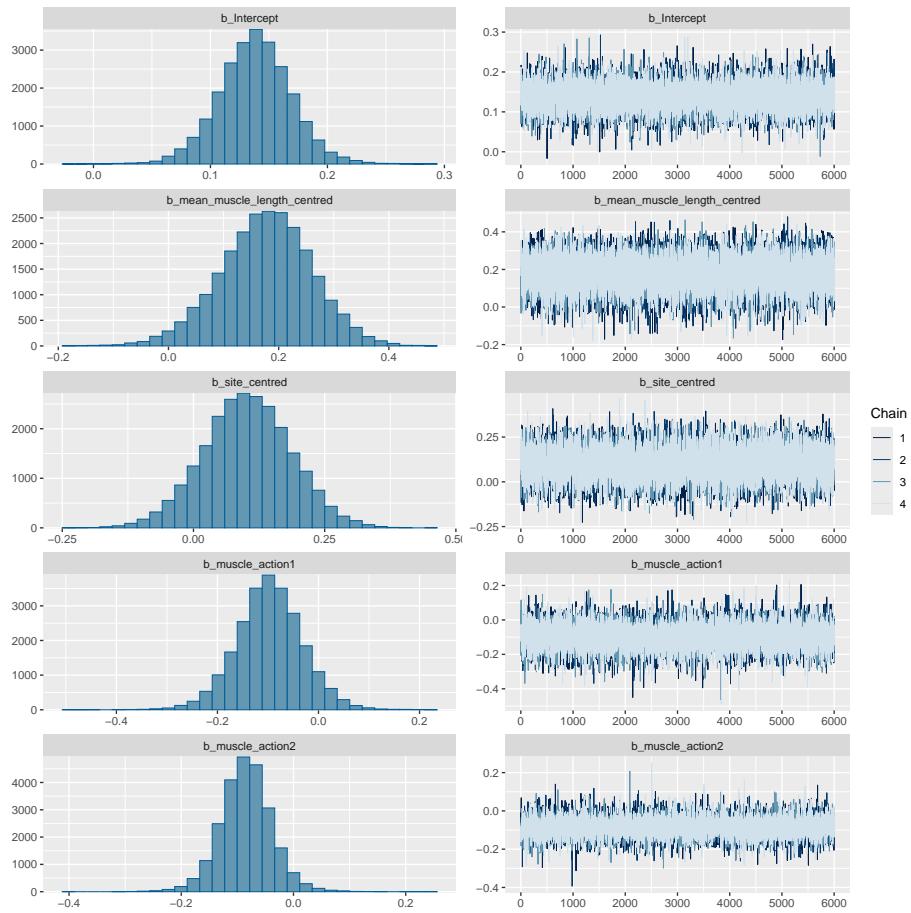
Muscle Action Model - Uninformed Priors

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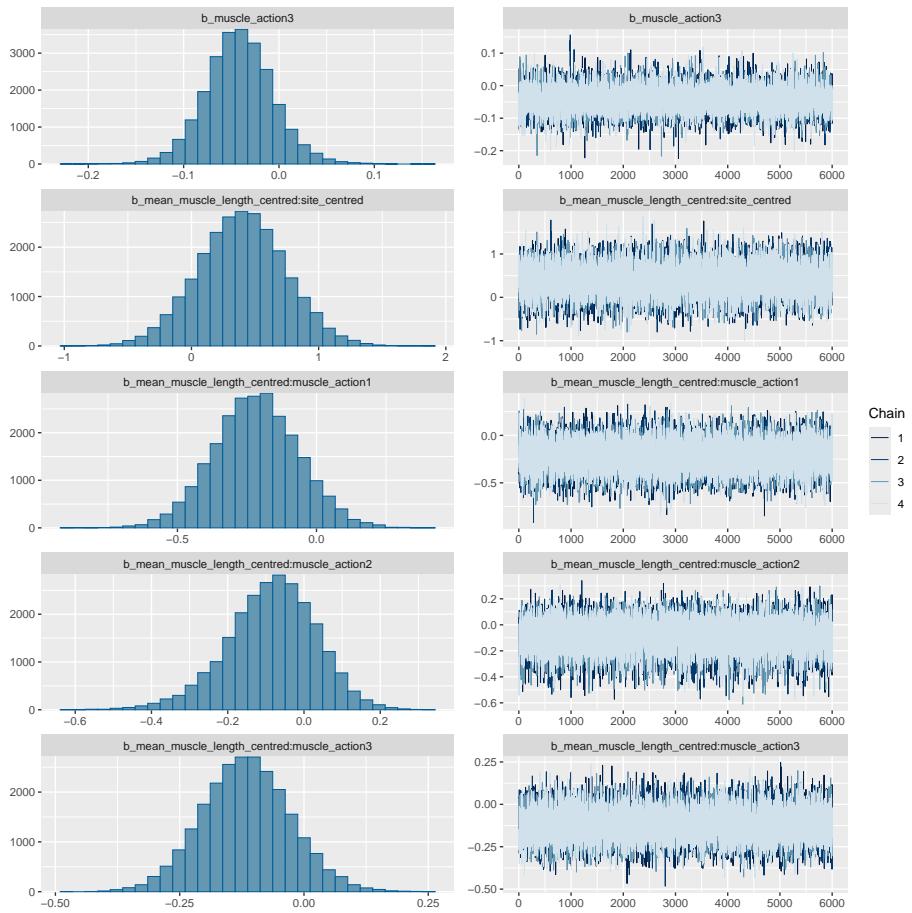


Trace plots

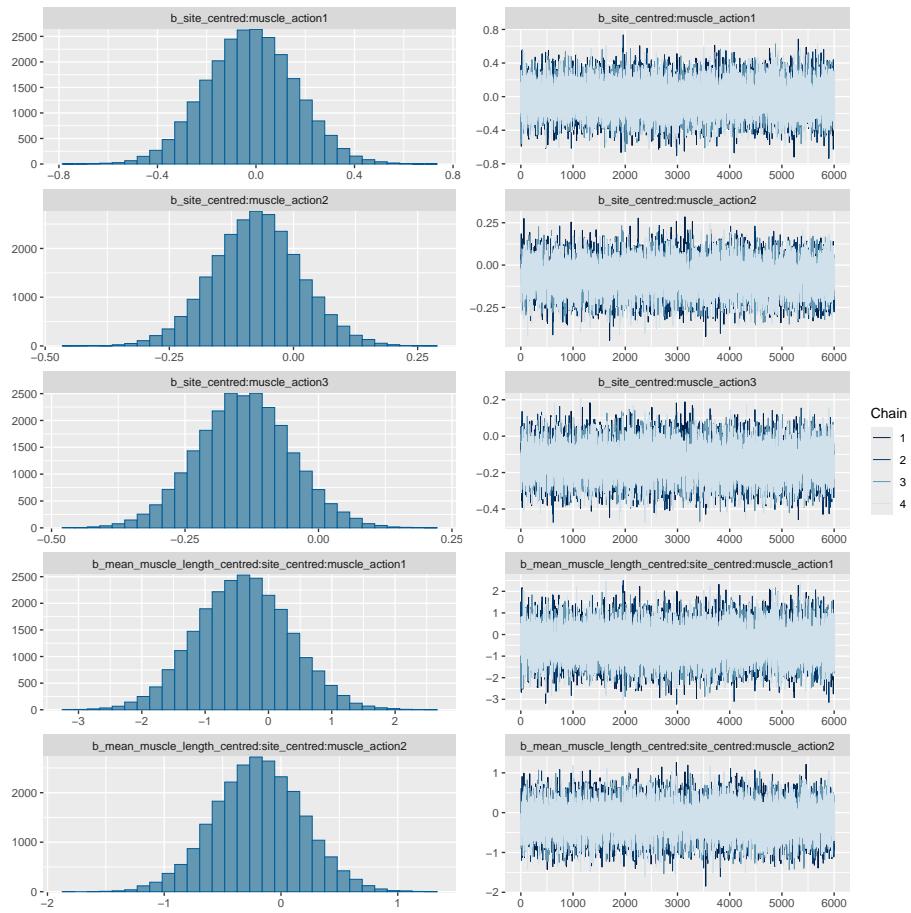
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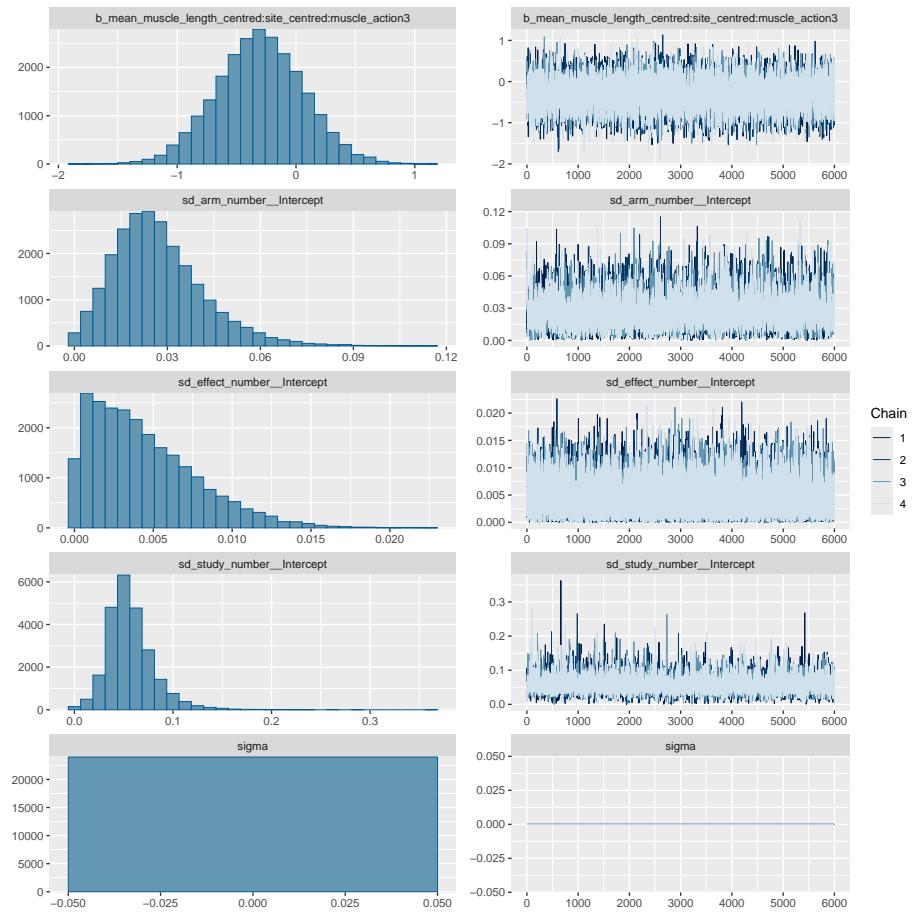
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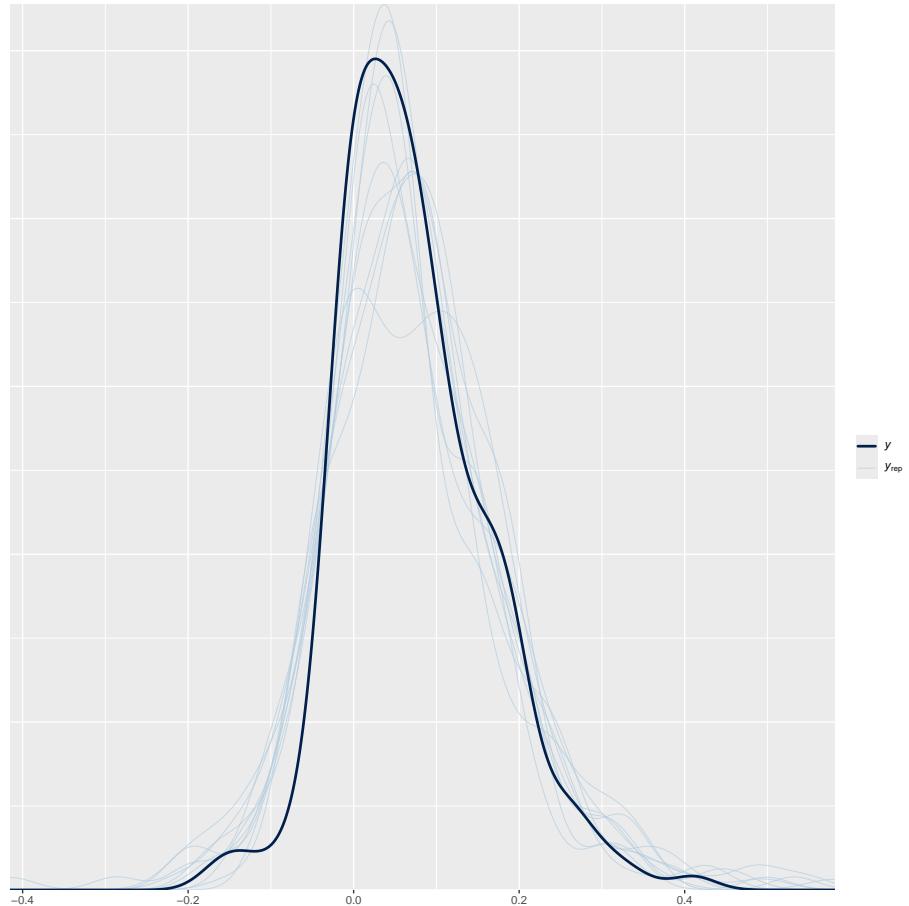
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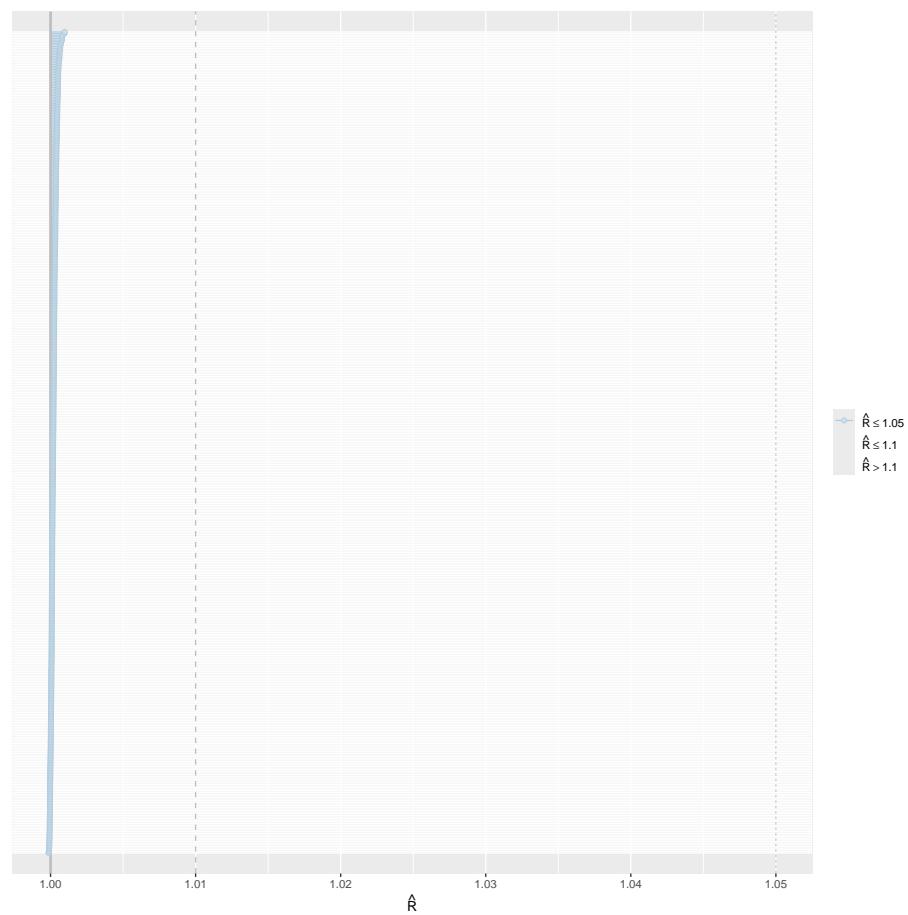


Posterior predictive check



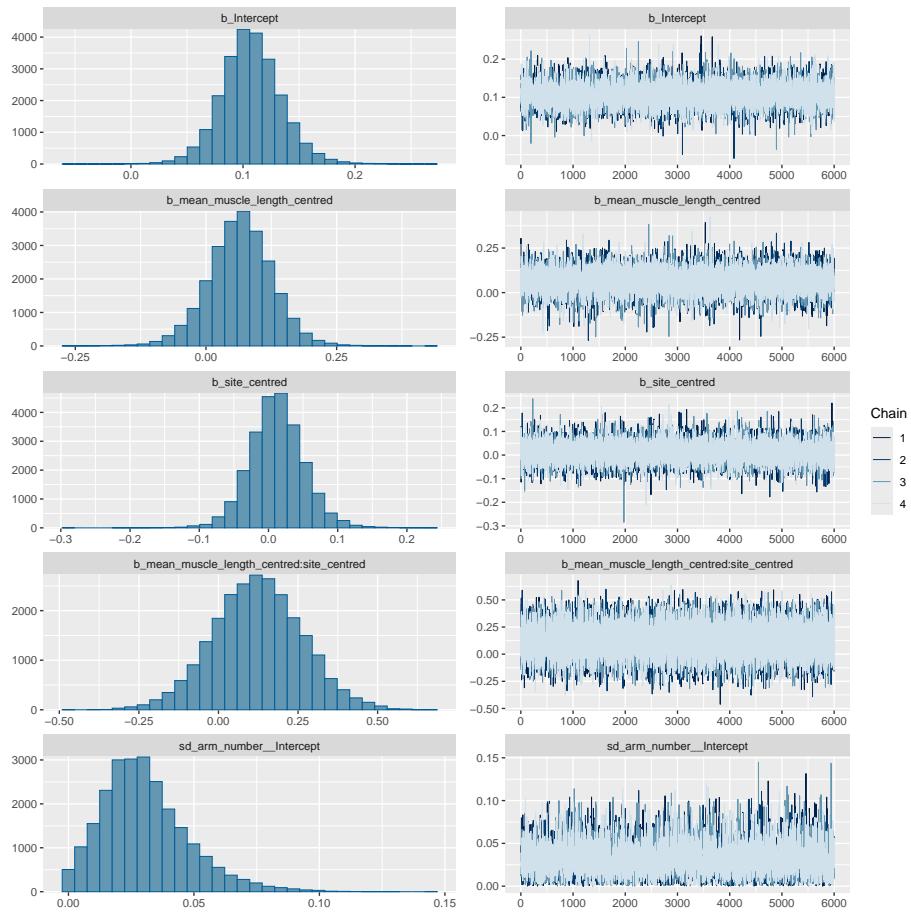
Main Model with Random Slopes - Uninformed Priors

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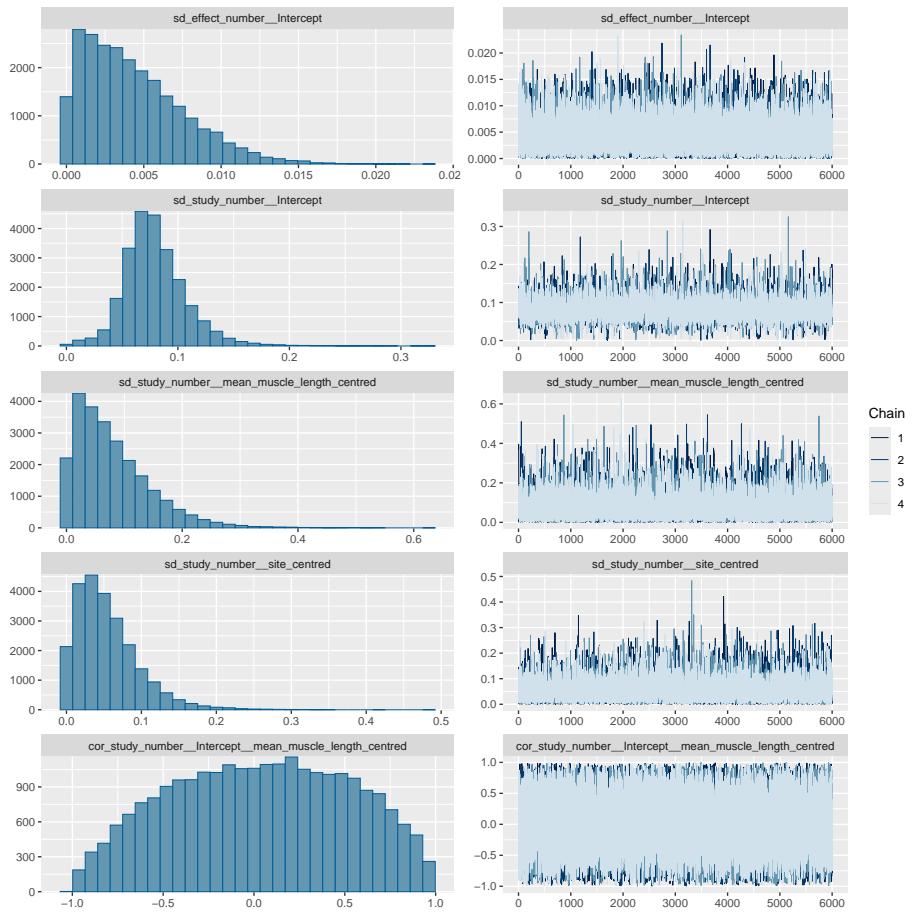


Trace plots

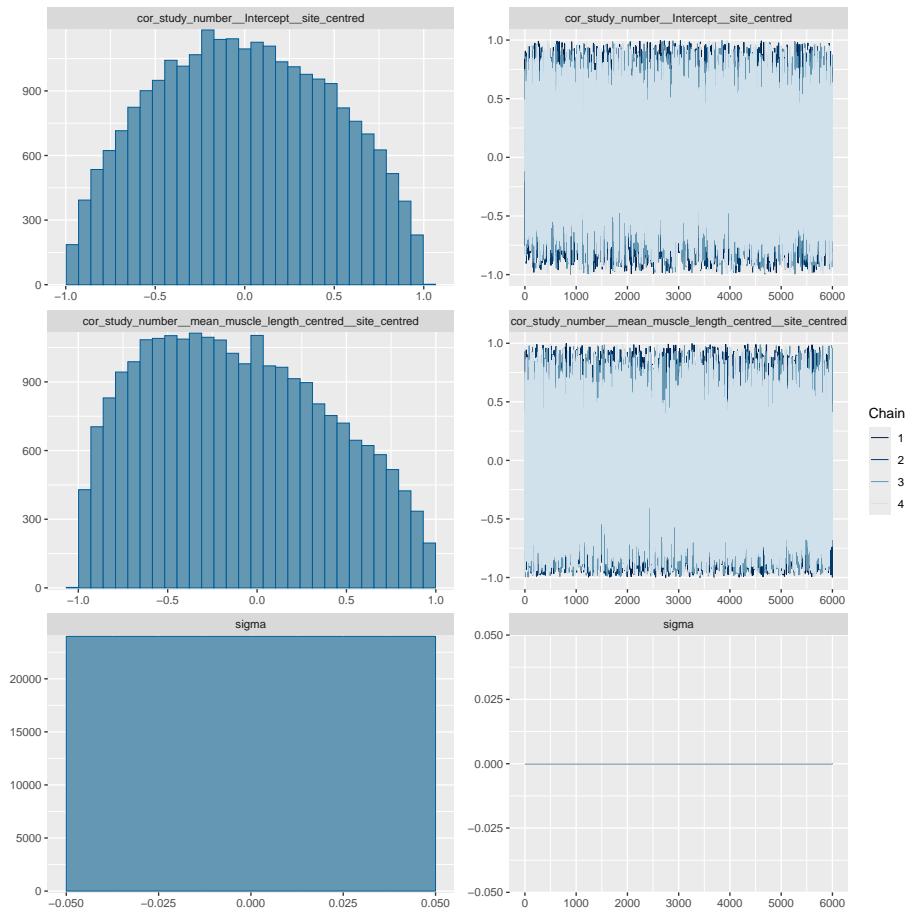
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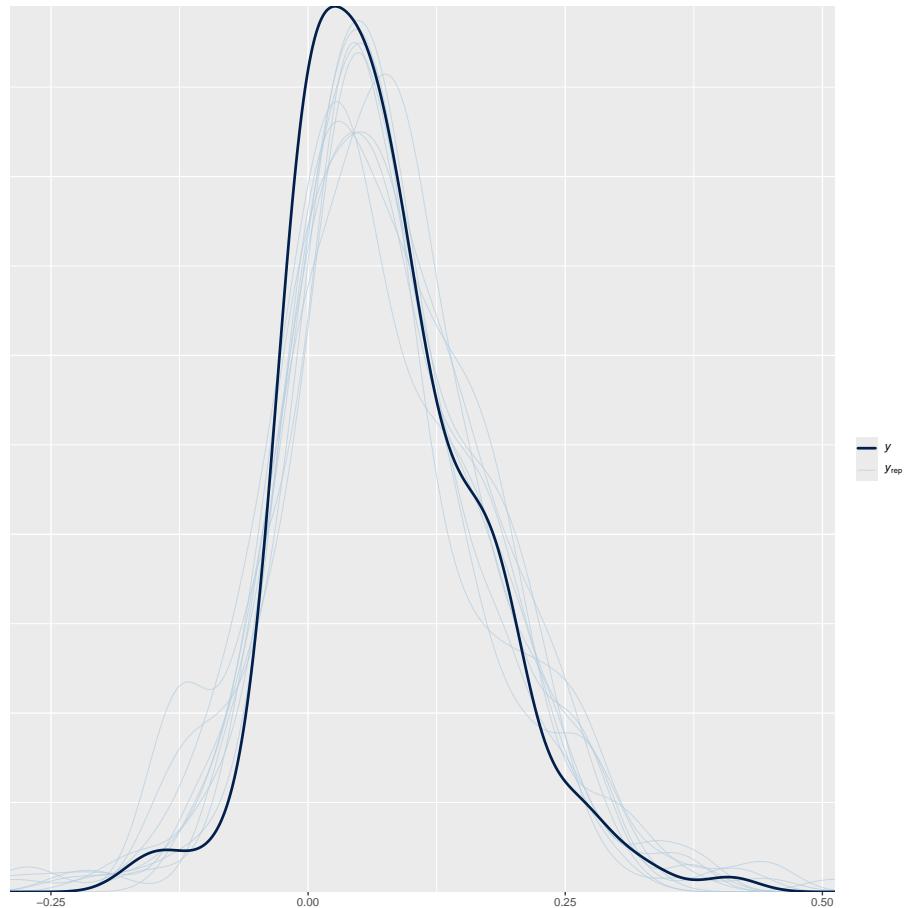
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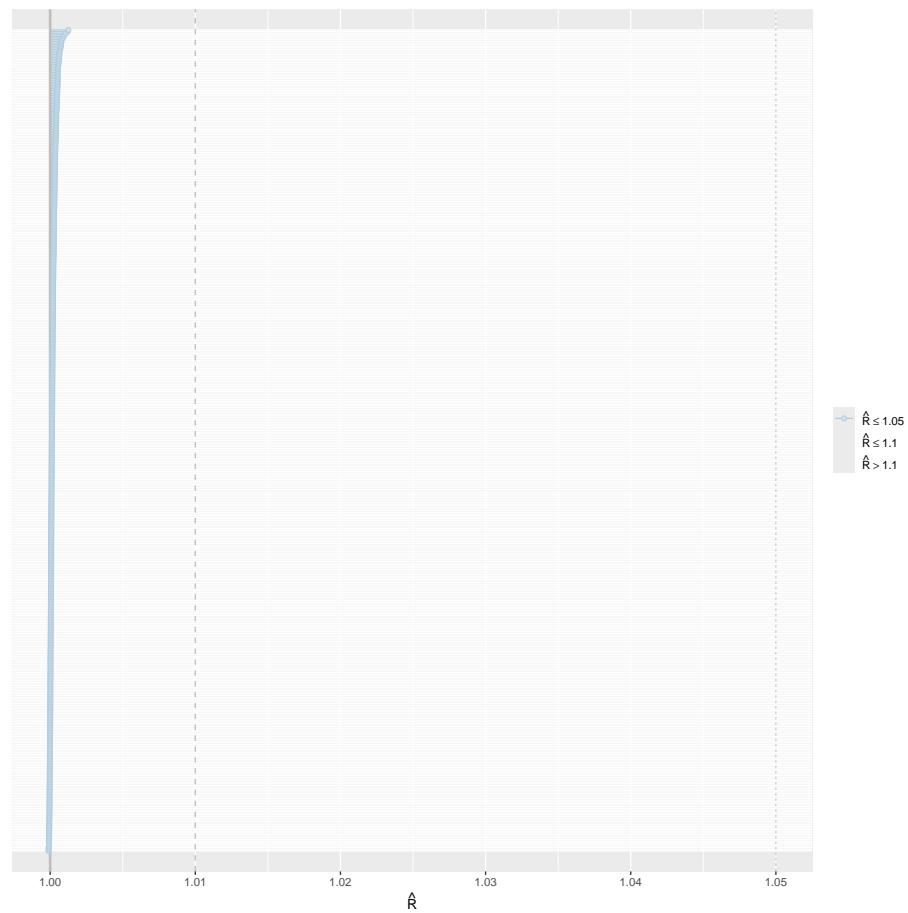


Posterior predictive check



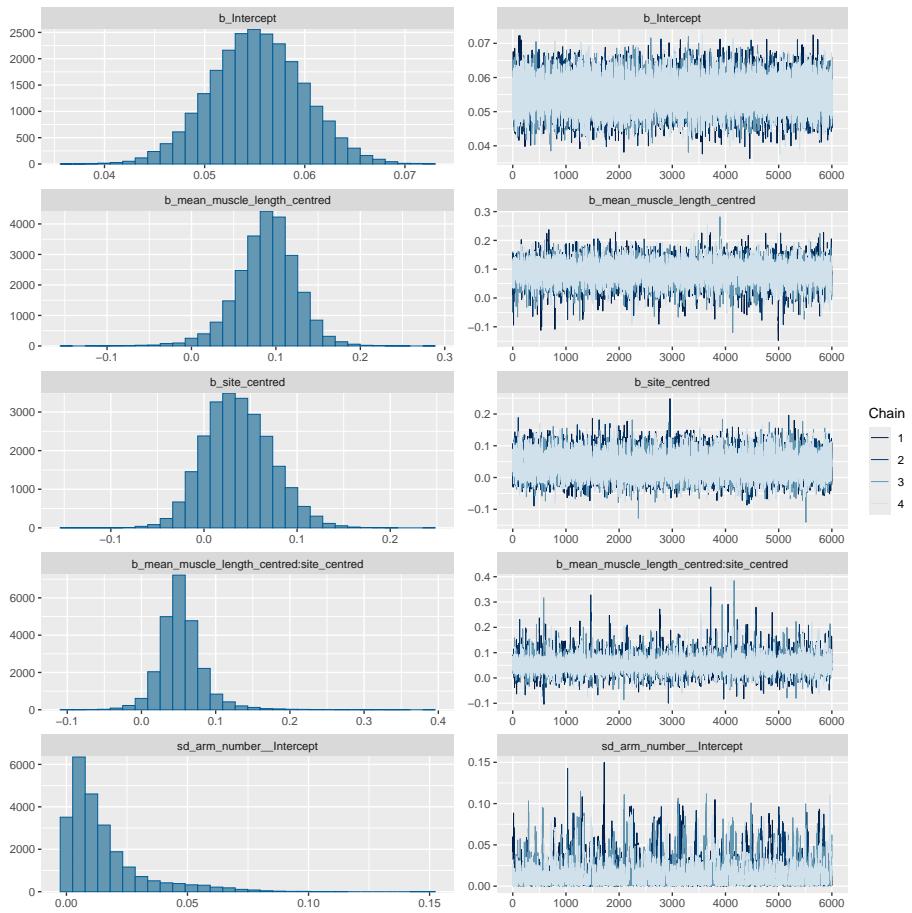
Main Model with Random Slopes - Dorian Varovic and Brad Schoenfeld Priors

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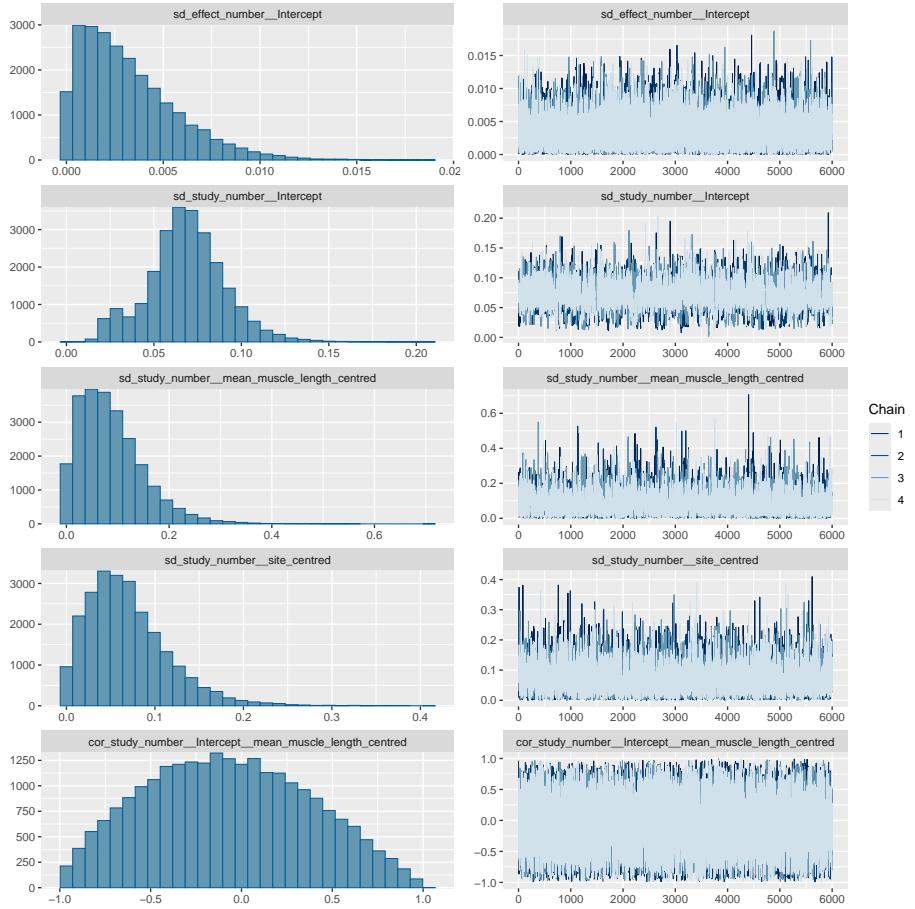


Trace plots

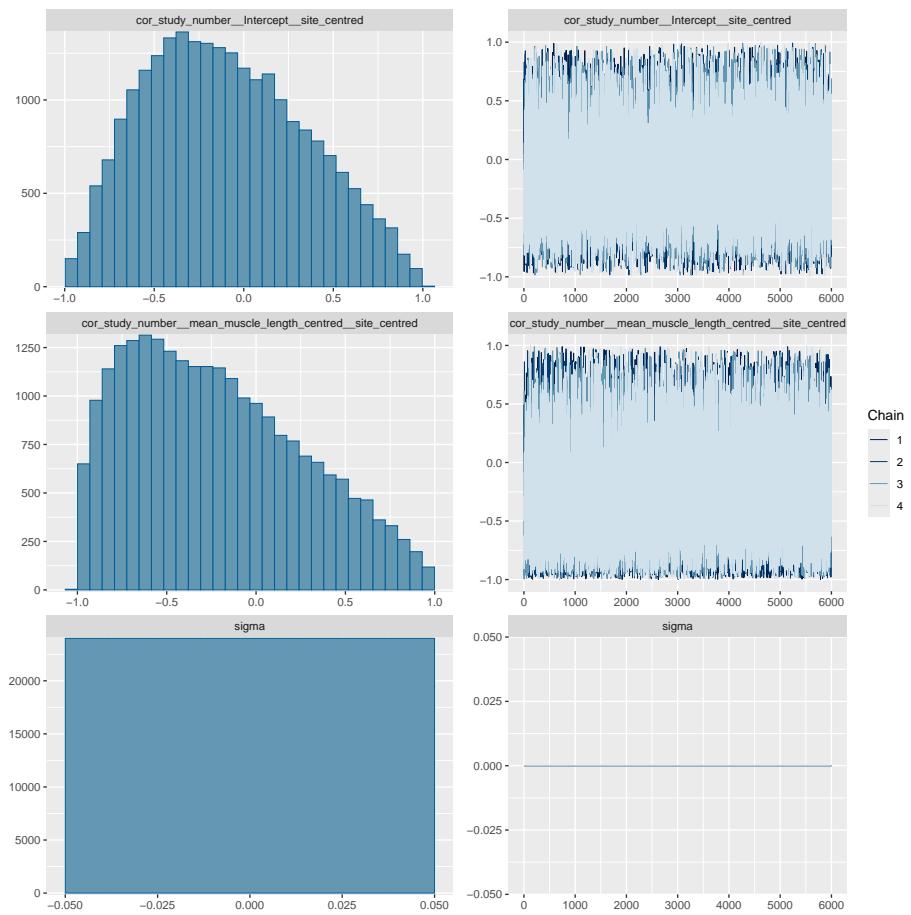
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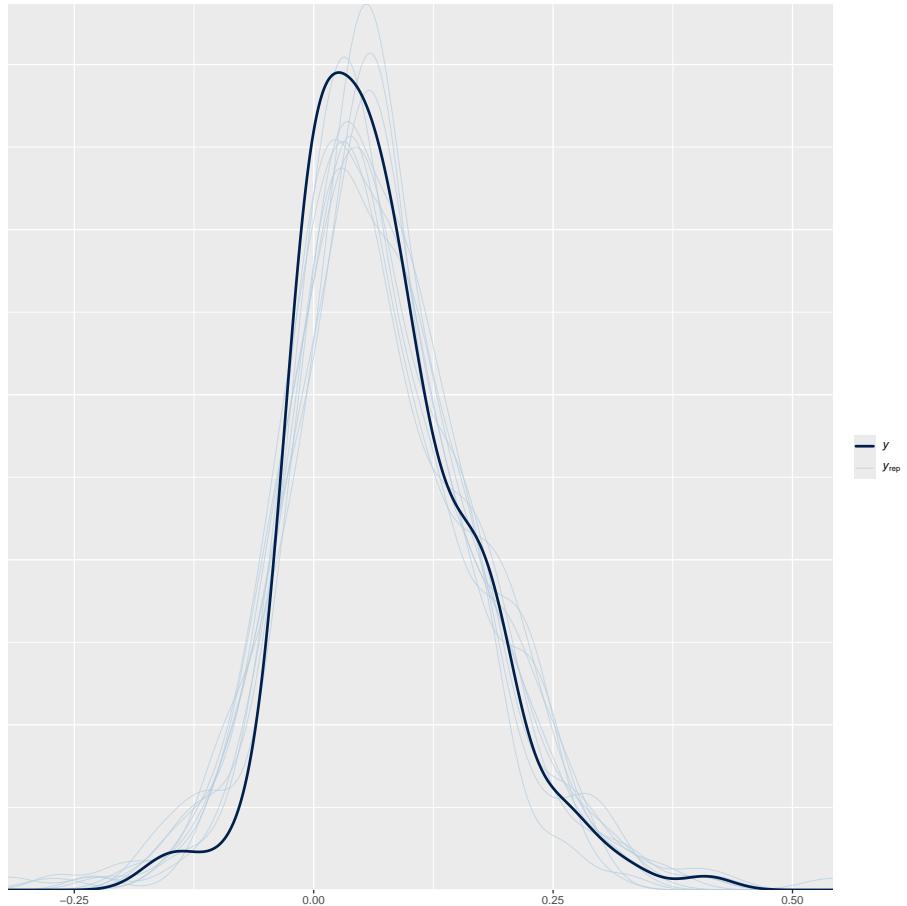
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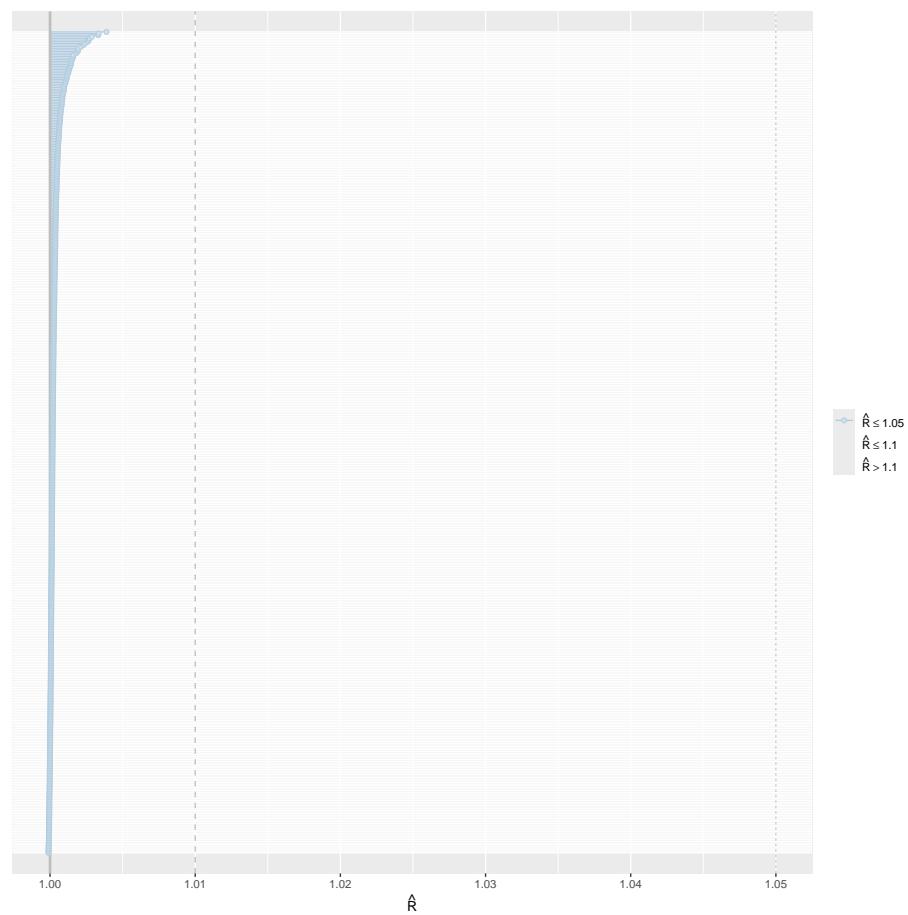


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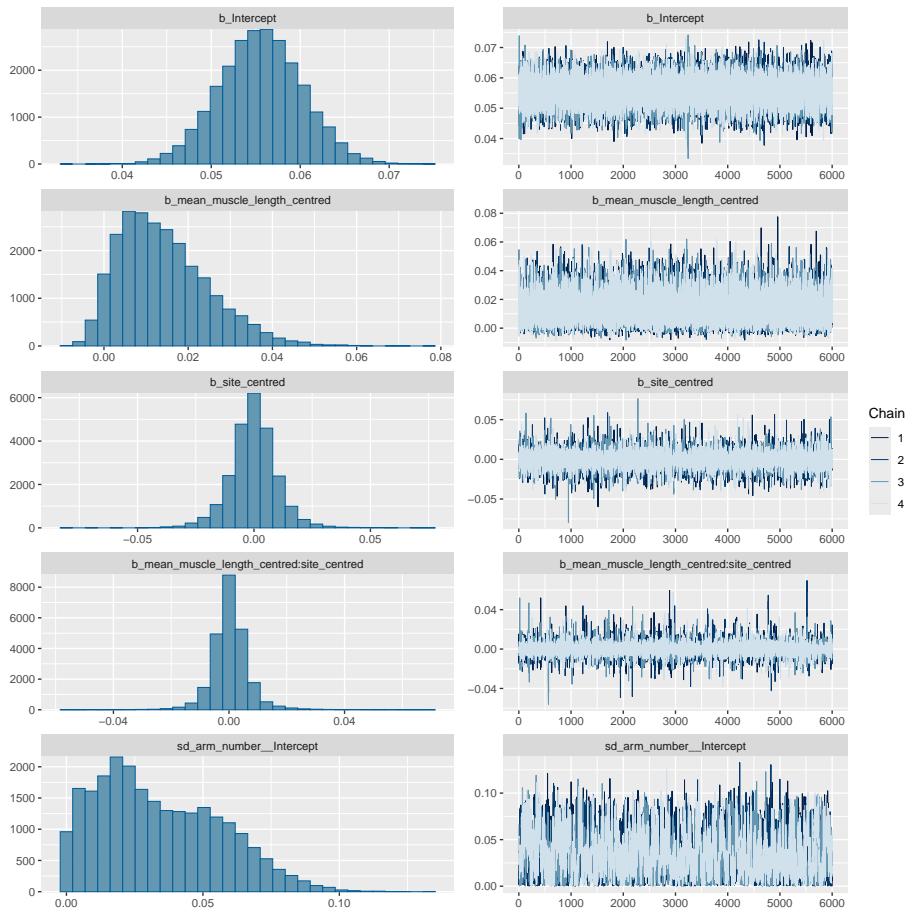
Main Model with Random Slopes - James Steele Priors

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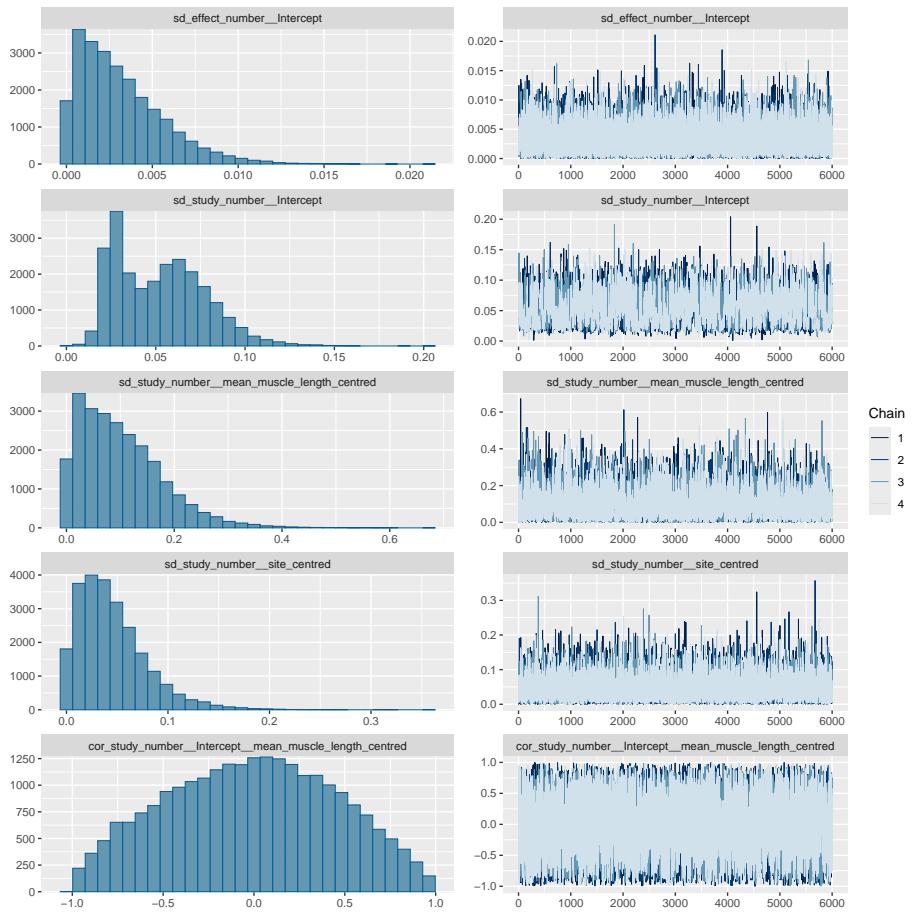


Trace plots

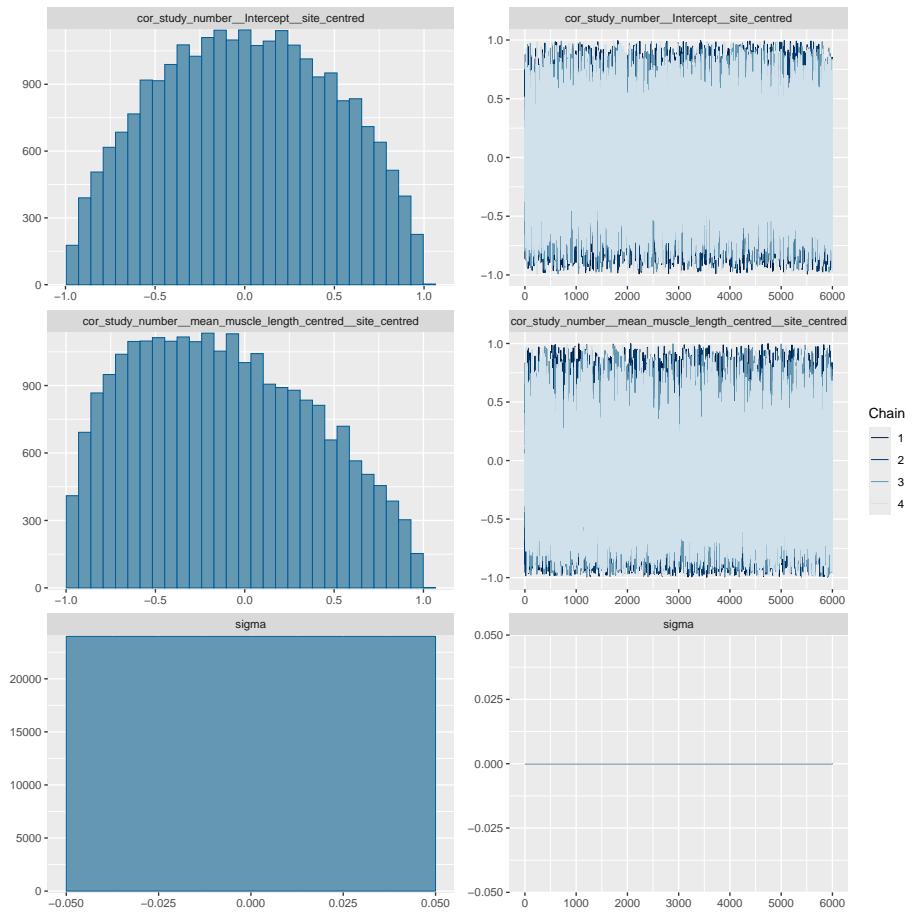
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[[3]]



Posterior predictive check

