A tutorial on setting up a reproducible workflow in R and R Studio with Quarto

Supplementary Materials

S1. Model formulas

The regression formula for the full model (model b2):

$$rt \sim 1 + stimulus\text{*}compatibility + (1 + stimulus\text{*}compatibility \mid pid)$$

Note: rt = reaction time (ms); stimulus = blah; compatibility = blah; pid = subject/participant identifier.

S2. A supplementary table

Here, I just reproduce the table from the main manuscript to save time making anything else. But of course in a real paper, you wouldn't do this, you'd just show whatever you needed. It is labelled differently to reflect that it is a supplementary table (Table S1).

Table S 1: Supplementary table created with `tinytable::tt()`

term	value	.lower	.upper
intercept	613.9	593.62	635
stimulus	6.4	0.77	12

Note. This is a footnote.

S3. A supplementary figure

Let's take a look at the mixing of chains in the model. This is a useful model diagnostic check to see that the model built ok (Figure S1).
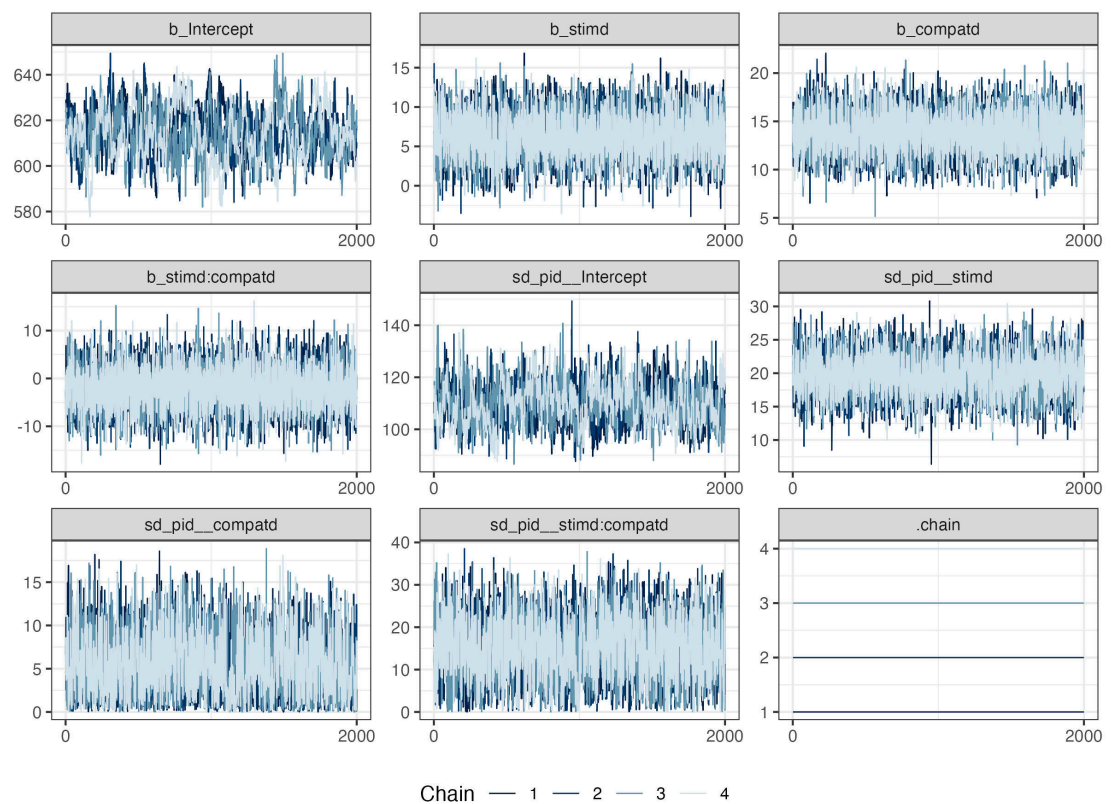
Figure S 1: Caterpillar plots showing the mixing of chains across parameters in model b2.