OTHER MIXED MODEL TYPES

RANDOM SLOPES MODEL

```
y_i \sim Normal(\mu_i, \sigma)
          \mu_i = \alpha_0 + \alpha_{block[i]} + (\beta_0 + \beta_{block[i]})x_i
         \alpha_k \sim Normal(0, \sigma_\alpha), \text{ for } k \text{ in } \{1, \dots, N_{blocks}\}
         \beta_k \sim Normal(0, \sigma_{\beta}), \text{ for } k \text{ in } \{1, \dots, N_{blocks}\}
   \alpha_0, \beta_0 \sim Normal(0, 1)
           \beta \sim Normal(0, 0.3)
\sigma, \sigma_{block} \sim Exponential(1)
```