On `predict.MCMCglmm`

Gen. model: $\text{logit}(\pi_i) = \mathbf{X}_i\,\boldsymbol{\beta} + \underbrace{G_i\gamma + u_i}$, $\qquad\qquad$ (Equation 1)

Fitted model: $\text{logit}(\pi_i) = l_i = \mathbf{X}_i\,\boldsymbol{\beta} + \quad u_i^*\quad$, $\qquad\qquad$ (Equation 2)

Four estimates for $\mathbf{u}^*$:

1. Posterior mean of $\mathbf{u}^*$

2. Posterior mode of $\mathbf{u}^*$

3. Posterior mean of $\mathbf{l} - \mathbf{X}\,\boldsymbol{\beta}$

4. Posterior mode of $\mathbf{l} - \mathbf{X}\,\boldsymbol{\beta}$

U_hat_mean

U_hat_mean

U_hat_mode

ue_mean

ue_mean

ue_mode