lof: + [p (Yij=1)] = po+p, x; + U; i=レーンI (Uin N(O, 1/2m) Jニレ・シエ let Q = (Po, f, Tu) P(O/U, duter) = TTT [exp(Bo+B, X; +Ui)] I 1=15=1 1+ exp(Bo+B, X; +Ui)] PIQ & Idates) X IT SIT [exp(fo+fix;+U.)] IC · Ty exps- Uisty). loff(Q, y | datg) ( \(\sigma\_{i=1}^{I} \left( \sigma\_{j=1}^{J} \left\{ I(Y\_{ij}=1)(\beta\_0 + \beta\_1, X\_i + U\_i) \right)} - (of[/+exp(bo+b,x,+u;)]} + I lof Ty = Wity X Zi=1(Zi=1)(β, fl, X; tVi)-lof(Itexp(β, K, +Vi))) + I ly Zu - Zi Lu.

GLMM. (S) Full Conditionals βο, β, Others < ΣΙ (Σ)=, {I(Y;=)(βο+β, X;+U;) -lof[itexp(Botfix;tu;)]}) Tulotherson I lyty- Zijui ·· Inlothers ~ Gam (=+1, Oes Zin Ui) Uil others = \(\ \int\_{j=1}^{J}\left\{I(\forall\_{j}=1)(\beta\_0+\beta\_1\text{X}\_i+\ui)\right)\right\}\)

- <u>Ui</u> Tu for i=1, --, I