Y=XB+2r+E

E(Y)=XB+28

I THE BITNARY DUTCOME

COUNT data

9(E(Y))=XB+ZY (GLMM)

INTERNATION FROM FROM DMIXED

9(E(Y))=XB (GLMM)

FLY = X(S+E)

Y=X(S+E)

Y=X(O,G)

Pseudo response

ENN(O,R)

Var(Y) = Var(X(S+E)+E)

= Z G Z + R

G-side random intercept model

R-side compound symmetry

GLMIM $g(E(Y)) = X(3+2r) = n \quad \text{Innew predictiv}$ $M = E(Y) = g^{\dagger}(x\beta+2r) = g^{\dagger}(x)$ $Recall \text{ \overline{x}} \text{$

$$(g(n))_{n=1} = (g(n))_{n=1} \left(x\beta + \beta + 2r - 2r\right)$$

$$(g(n))_{n=1} = (u-g(n)) = x\beta - x\beta + 2r - 2r$$

$$(g(n))_{n=1} = (u-g(n)) + x\beta + 2r = x\beta + 2r$$

$$(g(n))_{n=1} = (y-g(n)) + x\beta + 2r = x\beta + 2r$$

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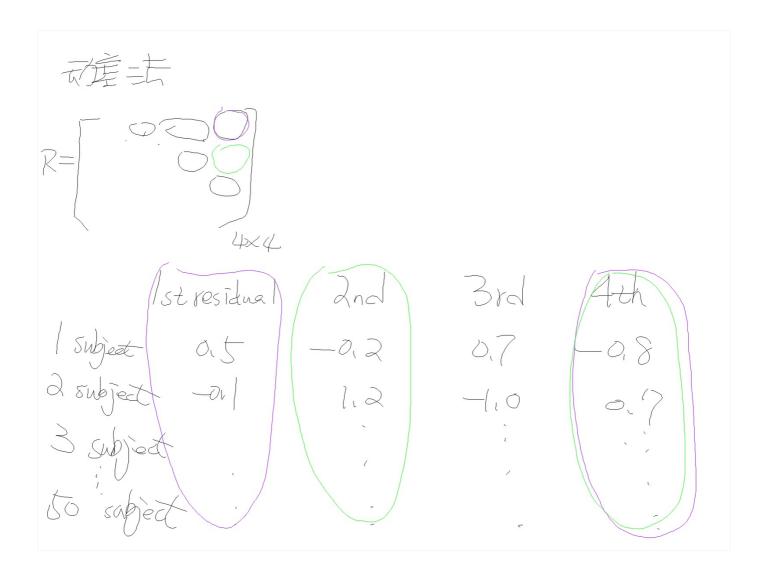
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$$(g(n))_{n=1} = (y-g(n)) + x\beta + 2r$$

$$(g(n))_{n$$

比較 marginal model	251de
GEE	GLIMM
SAS froc genmod EBET repeated	Proc glimmix random residual
Var(多) 最記 RP是 empirical (三日月=5)	在第一行为O empirical
likelihood quasi likelihood	Pseudo likelihood
V(U)=1, M, MHU) 起義前2時重整 Correlation mathy 即差式 (method of moment	中来B大根以外表 (maximum likelihood)



最大概的火毒

MLE

一等地の含色為の生を養します。

unstructure 底下存6岁神教(条8)事(古)

R-side
R-side
Subject-specificeffect population-averaged
科が とこ(i=1: ハ) Cffect

B age+Bz sex

Proc glimmix
Proc glimmix Proc genmod + repeated
Proc glimmix + random reviolnal