$$f(y) = \exp\left\{\frac{y_0 - b(0)}{a(\phi)} + c(y, \phi)\right\}$$

$$M = E(T) = b'(0) \quad k_{1}(T) = b''(0) \quad a(\phi)$$

$$\frac{\partial M}{\partial \theta} = \frac{\partial b'(\theta)}{\partial \theta} = b''(\theta) \quad \Rightarrow$$

$$canonical parameter = V(M) \cdot (\phi)$$

$$Variance function$$

$$The Normal (M, 03)$$

$$Yho Bernoulli (Ta) \qquad S = 1 \times S$$

$$Yho Poisson (M) \qquad T(HT) = T(HT) \times 1$$

$$Yho Poisson (M) \qquad X = X \times 1$$

$$Yho Poisson (M) \qquad X = X \times 1$$

$$\frac{\partial Q}{\partial M} = V(M) \cdot (Y-M)$$

$$\frac{\partial Q}{\partial M} = \frac{\partial Q}{\partial M} \times \frac{\partial Q}{\partial M}$$

$$= \frac{\partial Q}{\partial M} \times (\frac{\partial Q}{\partial M})$$

$$= \frac{\partial Q}{\partial M} \times (\frac{\partial$$

$$f(y) = \exp\left(\frac{y + b(0)}{a(p)} + c(y, p)\right)$$

$$\log k = l = \frac{y + b(0)}{a(p)} + c(y, p)$$

$$\frac{\partial l}{\partial \theta} = \frac{y - b(0)}{a(p)}$$

$$(1) V(M) = 1$$

$$= \sqrt{(M)} (Y-M)$$

$$l = \begin{cases} \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} (YM) dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} (YM) dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} (YM) dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} (YM) dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} (YM) dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} (YM) dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM \\ \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{M} dM \\ \frac{\partial l}{\partial M} dM \\ \frac$$

$$(2)(V(M) = M)$$

$$Q = \int_{\partial M} dM = \int_{\partial M} (Y - M) dM$$

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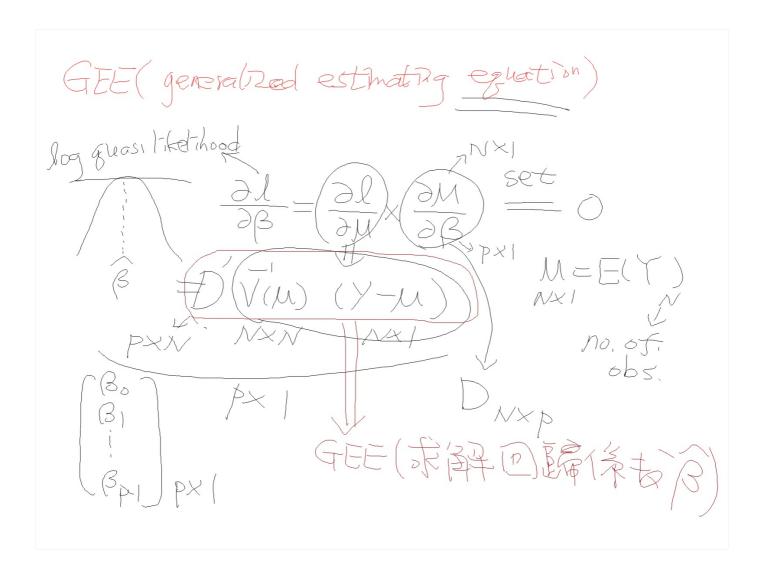
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(3)
$$V(M) = M(I = M)$$
 $l = \int \frac{\partial l}{\partial M} dM = \int \frac{V(M)}{|M|} (Y - M) dM$
 $log gharip Lik$
 $= Y \int \frac{1}{M(I - M)} dM - \int \frac{1}{M} dM$
 $= Y \int \frac{1}{M} + \frac{1}{M} dM + log(I - M) + C$
 $= Y log M + (I - Y) \cdot log(I - M) + C$
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E(Y) 一阵动塞(moment) E(Y) = ~ E(Y) m ~ E(Ym) m ~



TD=104

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| Sweek Vandomization Point placebo

