

Casied learning covers for some constant delays.

Note for the constant of the covers for some constant delays.

See For Ford Covers for the covers for some constant delays.

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$$E(Y_i) \equiv \mu_i = X_i \beta = \beta_0 + \beta_1 X_{1i} + \dots + \beta_k X_{ki}$$

• 
$$(Y_i = 1) \equiv \pi_i = \frac{1}{1 + e^{-x_i \beta}}$$

• 
$$V(Y_i) \equiv \sigma_i^2 = e^{x_i \beta}$$

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$$(A|B) = \frac{(AB)}{(B)} \implies (AB) = (A|B) \frac{(B)}{(B)}$$

$$(A|B) = \frac{(AB)}{(B)} \implies (AB) = (A|B) \cdot (B)$$

$$(A|B) - \overline{(B)} \implies (AB) - (A|B) (B)$$

 $(y|\phi,\sigma^2) = \int_0^\infty (y|\lambda) \times (\lambda|\phi,\sigma^2) d\lambda$ 

$$(A|B) = (AB) \longrightarrow (AB) = (A|B)/B$$

$$(A|B) = \frac{(AB)}{(B)} \implies (AB) = (A|B) \frac{(B)}{(B)}$$

 $= \int_{0}^{\infty} \P(y,\lambda|\phi,\sigma^2) d\lambda$ 

 $(y|\phi,\sigma^2) = \int_0^\infty (y|\lambda) \times (\lambda|\phi,\sigma^2) d\lambda$ 

$$(A|B) = \frac{(AB)}{(B)} \implies (AB) = (A|B) \cdot (B)$$

$$(y|\phi,\sigma^2) = \int_0^\infty (y|\lambda) \times (\lambda|\phi,\sigma^2) d\lambda$$

 $= \int_{-\infty}^{\infty} \P(y,\lambda|\phi,\sigma^2) d\lambda$ 

 $=\frac{\Gamma\left(\frac{\phi}{\sigma^2-1}+y_i\right)}{y_i!\Gamma\left(\frac{\phi}{2-1}\right)}\left(\frac{\sigma^2-1}{\sigma^2}\right)^{y_i}\left(\sigma^2\right)^{\frac{-\phi}{\sigma^2-1}}$ 







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p q+11p

 $p \ qp$ 

q + 11p

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p \ qp
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 $q+1 \\ q+11p$ 

2=2

 $\{1, 2, 3, 5\}$ 

