Quiz 2

$$Q_1 \qquad |_{2\times 2} = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$$

$$Q_2 \left[ 1 \ 2 \right] \left[ 3 \right] = 1(3) + 2(4)$$

$$\theta_3$$
  $\begin{bmatrix} 3 \\ 4 \end{bmatrix} \begin{bmatrix} 1 \\ 2 \end{bmatrix} = 4/3/81 = \begin{bmatrix} 3(1) \\ 4(1) \end{bmatrix} \begin{pmatrix} 3(2) \\ 4(2) \end{pmatrix}$ 

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$$= |1(0)+o(1)| |1(2)+o(0)| = |0| 2$$

$$0(0)+2(1)| 0(2)+2(0)| = |0| 2$$

Quiz 3

Q. C

a2. 0

93. A

as. B

Quiz 4

o(2) = 1 1+e-z

Q

Logit = Z = 0, + 0, x, + 0, x, + 0, x, ...

 $lag - odds = log \left(\frac{p}{1-p}\right)$ 

 $log\left(\frac{P}{1-P}\right) = Z$ 

 $Q_1$ .  $\sigma(0) = \frac{1}{1+e^{-0}} = \frac{1}{1+e^{0}} = \frac{1}{1+1}$ 

= 1

$$Q_2$$
.  $\log\left(\frac{p}{1-p}\right) = 2$ 

$$Q_3$$
.  $Z = Q_0 + Q_1 \chi_1 + Q_2 \chi_2 r_2 \dots$ 

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$$\vec{C}^{T}\vec{\omega} = [-13][2] = (1/2) + 3(4)$$

$$Q_{S} \quad \overline{\mathcal{Z}} = \begin{bmatrix} 2 \\ 4 \end{bmatrix} \quad \overline{\partial} = \begin{bmatrix} 3 \\ 6 \\ 5 \end{bmatrix}$$

$$Z = 3 + 2(6) + 4(5)$$