到四岁三十岁

$$P(y) = \begin{cases} |-P| & \text{for } y = 0 \\ P & \text{for } y = 1 \end{cases} \Rightarrow P(y) = P^{y} \cdot (1-P)^{\frac{1-y}{y}} \Rightarrow P(y) = P^{y} \cdot (1-P)^{\frac{1-y}{y$$

of
$$g$$
 max $\prod_{i=1}^{n} p(x^{(i)}, b^{(i)})^{g(i)} \times (1-p(x^{(i)}, b^{(i)}))^{1-g(i)} \Rightarrow g^{=0, 1} \leq 29 \text{ and } p = \frac{1}{1+0.2}$

$$L(0) = \log P(y|x|;b) \rightarrow \text{Allow Filted All by Shifts}$$

$$= \sum_{i=1}^{n} \log \left(P(x_i, b_i) \times \left(1 - P(x_i, b_i) \right)^{1-0} \right)$$

$$= \sum_{i=1}^{n} \log P(x_i, b_i)^{1/2} + \log \left(1 - P(x_i, b_i) \right)^{1-g_i}$$

$$= \sum_{i=1}^{n} y_{i} \cdot \log p(x_{i}; b_{i}) + (1-y_{i}) \cdot \log (1-p(x_{i}; b_{i}))$$