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p(014) x p(410) p(0)
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me are maximiling log bosserion: jod bigist jod bih 100 od bie)

normal prior  $\Theta = N(0, 0^{1})$   $\mathcal{E}^{-1} = (0^{1})^{-1} = \frac{1}{6^{1}} I$ 

normal prior: 
$$\Theta \sim N(0, 0^{1})$$

$$P(\theta) = \sqrt{2\pi^{2}|\Sigma|} e^{-\frac{1}{2}(1\Theta-H)T} \sum_{i=1}^{N} (\theta-H)^{i} = \sqrt{2\pi^{2}|\Sigma|} \cdot e^{-\frac{1}{2}(1\Theta-H)} = \sqrt{2\pi^{2}|\Sigma|} \cdot e^{-\frac{1}{2}(1\Theta-H)}$$

= 
$$\log p(\theta) = \log \left( \frac{1}{\log (\log 1)} - \frac{1}{2\sigma^2} \cdot (670) \right)$$

$$-- > -\log p(\theta | y) = -\log p(y | \theta) - \log p(\theta)$$

$$= \sum_{i=1}^{2} e^{x_{i}^{T}\theta} + \log (y_{i}^{T}) - y_{i}^{T} y_{i}^{T}\theta + \frac{1}{202}e^{T\theta} - \log \left(\frac{1}{2\pi n^{2} | \xi|}\right)$$

= 
$$\sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i - y_i \cdot x_i + \frac{d}{dz} = \sum_{i=1}^{n} x_i \cdot \lambda_i$$

Hessian: XT (C.XTO-y) + & = XT diag (N) · X+ I. OZ