## Leet wre - 13

vertor parameter GLB for Trensfermetons:

$$\frac{3\theta}{3\theta} = \frac{3\theta}{3\theta} \cdot \frac{3$$

Eishu information matrix

$$\begin{bmatrix} I(\theta) \end{bmatrix}_{i,j} = \begin{bmatrix} \frac{\partial \vec{\lambda}(\vec{\theta})}{\partial \theta_{i}} \end{bmatrix} \vec{c}'(\vec{\theta}) \begin{bmatrix} \frac{\partial \vec{\lambda}(\vec{\theta})}{\partial \theta_{i}} \end{bmatrix} = \begin{bmatrix} i(\theta) \end{bmatrix}_{i,j} \begin{bmatrix} \frac{\partial \vec{\lambda}(\vec{\theta})}{\partial \theta_{i}} \end{bmatrix} + \frac{1}{2} \ln \begin{bmatrix} c'(\theta) \end{bmatrix} \vec{c}'(\theta) \underbrace{c'(\theta)}_{\partial \theta_{i}} \vec{c}'(\theta) \underbrace{c'$$

$$\frac{36!}{36!} = \frac{96!}{36!} =$$

$$\frac{90!}{5 \cdot (8)} = \frac{90!}{5 \cdot$$

For the scalar parameter: -

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$$\pi[n] = S[n;\theta] + \pi[n]$$
  $n=0,1,\dots,N-1$ 
 $\pi[N] \sim \mathcal{N}(0,6)$ 

$$I(\theta) = \frac{1}{100} \left[ \frac{3\theta}{3} \left[ \frac{3\theta}{3} \left[ \frac{3\theta}{3} \left( \frac{1}{100} \right) \right] \right] = \frac{1}{100} \left[ \frac{3\theta}{3} \left[ \frac{3\theta}{3} \left( \frac{1}{100} \right) \right] = \frac{1}{100} \left[ \frac{3\theta}{3$$

$$I(\theta) = \frac{1}{2} \left( \frac{9}{3} \cdot \frac{1}{2} \right)$$

$$v m(\theta)^{-} \geq \frac{\delta^{2}}{2(\theta)}$$

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$$\begin{bmatrix} \vec{r} & (\vec{\theta}) \end{bmatrix} : \vec{j} = \begin{bmatrix} \vec{o} & \vec{\lambda} & (\vec{\theta}) \\ \vec{o} & \vec{o} & (\vec{\theta}) \end{bmatrix} = \begin{bmatrix} \vec{o} & \vec{\lambda} & (\vec{\theta}) \\ \vec{o} & \vec{o} & (\vec{\theta}) \end{bmatrix}$$

$$=\frac{1}{6^{2}}\left[\frac{3\lambda(\overline{\theta})}{30i}\right]\left[\frac{3\lambda(\overline{\theta})}{30i}\right]$$

$$=\frac{1}{6^{2}}\left[\frac{3\lambda(\overline{\theta})}{30i}\right]\frac{3S[n;\overline{\theta}]}{30i}$$

$$C(6^2) = 6^2 I \leftarrow Flenting methods$$

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$$C(9)$$

$$\vec{J}(Q_s) = \frac{1}{7} + \nu \left[ \left( C_{-1}(\theta) \right) \frac{\partial \Phi}{\partial \theta} \right]$$

$$= \frac{365}{100} \left( \left( \frac{365}{100} \right) \right) \left( \left( \frac{365}{100} \right) \right)$$

$$= \frac{1}{2} + n \left( \frac{1}{6^{4}} \right)$$

$$= \frac{N}{26^{4}}$$

$$\times (n) = \alpha \left( \frac{1}{2} + \frac{1}{2} +$$

## Linean model:

$$\frac{\partial \ln \rho(r,\theta)}{\partial \theta} = \Sigma(\theta) \left( \partial_{r}(x) - \theta \right)$$

$$C\theta = \Sigma^{-1}(\theta)$$

$$O(x;\theta) = \frac{1}{(2\pi6^{2})^{N/2}} \exp\left[ -\frac{1}{26^{2}} (x - H\theta)(x - H\theta) \right]$$

$$\lim_{r \to \infty} \rho(r,\theta) = \left[ -\frac{1}{26^{2}} \frac{\partial_{r}}{\partial \theta} \left[ (x - H\theta)^{T}(x - H\theta) \right] (x - H\theta) \right]$$

$$= \frac{1}{26^{2}} \frac{\partial_{r}}{\partial \theta} \left[ (x - H\theta)^{T}(x - H\theta) \right]$$

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