根大人处然估计

Poeta:
$$X = (b_1, b_2, \dots, b_N)^T = \begin{pmatrix} b_1^T \\ b_1^T \end{pmatrix}$$

toi EIRP

bi id N(M, E).

点结计

MLE:
$$O_{mb} = arg man P(b|O)$$
 $SPh) = \frac{(b-\mu)^2}{\sqrt{2\pi}}$ $e^{-\frac{1}{2}(b-\mu)}$

$$P = | Q = (\mu, s^2). \qquad P(b) = \frac{1}{(2\pi)^n |z|^k} e^{-\frac{1}{2}(b-\mu)}$$

tog P(b/0) = lug # P(bi/0) = = lug P(bi/0)

$$= \sum_{i=1}^{N} \log \sqrt{2ng} \left(e^{i} \right) \left(-\frac{(i)^{-N}}{2s^{2}} \right).$$

$$= \sum_{i=1}^{N} \left[\log \frac{1}{28^2} + \log \frac{1}{8} \right]$$

$$\sum (b_i - \mu) = 0 \Rightarrow \sum b_i - \sum \mu = 0$$

$$\lim_{N \to \infty} \frac{1}{N} b_i + \lim_{N \to \infty} \frac{1}{N} b_i = 0$$

[MMIE]= N = E(ti]

$$\begin{array}{lll}
& = \underset{S}{\text{arg man}} & P(b|0) \\
& = \underset{S}{\text{arg man}} & = \underset{S}{\text{I by }} & = \frac{(b-M)^2}{2\delta^2} \\
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