102-Grori Korcepti

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$$L(x\vec{\partial}) = 1 \{ (\partial_{1,1} \leq x_{1} \leq \partial_{1,2}) \Lambda(\partial_{2,1} \leq x_{2} \leq \partial_{2,1}) \Lambda$$

$$(\partial_{3,1} \leq x_{3} \leq \partial_{3,3}) \}$$

$$|\mathcal{H}| = ?$$

$$\Theta = [\Theta_1, \Theta_{12}]$$

$$\Theta = [\Theta_2, \Theta_{22}]$$

[2.8.]
$$N=6$$

 $D=\frac{1}{2}(x^{(i)},y^{(i)})^{3}=\frac{1}{2}((0,0,0),0),((1,0),0),((1,0,0),1),((0,1),1)^{3}$
 $F_{N}=1$ min i max $((0,1,0),1),((0,1,1),1)^{3}$
 $F_{P}=\frac{1}{2}$ $F(X|D)$ max. rogerla

$$F_{\rho} = \frac{1}{2} E(\mathcal{R}/0)$$

$$E(R \mid D) = \frac{1}{6} (5.0 + \frac{1}{2}) = \frac{1}{12}$$

max. rogeila

$$E(R|0) = \frac{1}{6}(0+5\cdot1+\frac{1}{2}) = \frac{3}{5}$$
 $\frac{1}{12} \leq E(R|0) \leq \frac{3}{5}$

L1= L4 6 L2= L3

VO3 - Direara regresija

Zodotok je mogvál rješiti rozvekí

$$\overrightarrow{W} = (x^{\overline{1}}x)^{-1}x^{\overline{1}}\overrightarrow{y} = \dots = \begin{bmatrix} -\frac{2}{13} \\ \frac{6}{13} \end{bmatrix}$$

$$L(\vec{x}^i) = -\frac{2}{16} + \frac{6}{13} \times$$

$$L(y^i, k(x^i)) = (y^i - k(x^i))^2 = > L_1 = L_5 = \frac{4}{169} L_2 = L_3 = \frac{100}{169}$$

VOG - Lireoro regresija 11

[1.3]
$$f(x) = \sin(\pi x)$$

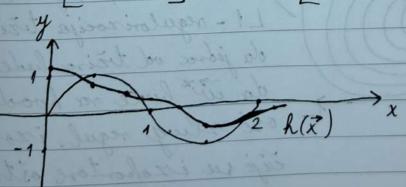
 $D = \frac{1}{2}(0.25, 0.707), (0.5, 1), (1,0), (1.5, -1), (2,0)$

$$\Phi(\vec{x}) = (1, x) \quad \vec{w} = (\Phi^{\dagger} \vec{\phi} + N \vec{I} \quad \vec{\phi}^{\dagger} \vec{g}) = 0.9433$$

$$\Phi = \begin{bmatrix} 0.25 \\ 1 & 0.5 \\ 1 & 1.5 \end{bmatrix}$$

$$\frac{1}{2} k(\vec{x})^{x}$$

 $\overline{\phi}(\overline{x}) = (1, x, x^2)$ $\bar{\Phi}(\bar{x}) = (1, x, x^2, x^3, x^4)$ で=(重すナルエ)ーラダ



d) U ovor slučoje rojjehlodrije model je c) jer ima majmorjie brookstree pogreshee

