Notations:
$$0 \approx \pi$$
 Hoodemoved product, $0 \approx \pi$ homeobar product, $0 \approx$

··新斯特姆勒教》的Jacobis在特[dy] bij = dyk 如此所示

山又对于南西传播过程、青岛计算单个样本对应的影响。第四个子第四个

全FCIA, DP, FCIB, BU*的特性分别がXineで, Xipeで, Xineで, Xinev, Xi

中海最大的最大的量的形式: $2 = \frac{1}{m} = \frac{1}{m} \left[\frac{1}{2} \left(\frac{1}{2} \right)^{2} \log \hat{y} \right]$.. 可得 $dl = \frac{2\pi}{2\pi} \left(\frac{1}{2} \right)^{2} d\hat{y}_{1}^{2} + \frac{2\pi}{2} \left(\frac{1}{2} \right)^{2} d\hat{y}_{2}^{2}$ $= \frac{1}{m} = \frac{2\pi}{2\pi} \left(\frac{1}{2} \right)^{2} d\hat{y}_{1}^{2} + \frac{2\pi}{m} = \frac{2\pi}{2} \left(\frac{1}{2} \right)^{2} e^{2} d\hat{y}_{2}^{2} + \frac{2\pi}{m} = \frac{2\pi}{2} \left(\frac{1}{2} \right)^{2} e^{2} d\hat{y}_{2}^{2} + \frac{2\pi}{m} = \frac{2\pi}{2} \left(\frac{1}{2} \right)^{2} e^{2} d\hat{y}_{2}^{2} + \frac{2\pi}{m} = \frac{2\pi}{2} \left(\frac{1}{2} \right)^{2} e^{2} d\hat{y}_{2}^{2} + \frac{2\pi}{m} = \frac{2\pi}{2} \left(\frac{1}{2} \right)^{2} e^{2} d\hat{y}_{2}^{2} + \frac{2\pi}{m} = \frac{2\pi}{2} \left(\frac{1}{2} \right)^{2} e^{2} d\hat{y}_{2}^{2} + \frac{2\pi}{m} = \frac{2\pi}{2} \left(\frac{1}{2} \right)^{2} e^{2} e^{2} d\hat{y}_{2}^{2} + \frac{2\pi}{m} = \frac{2\pi}{2} \left(\frac{1}{2} \right)^{2} e^{2} e^{2$

 $= \frac{1}{m} \sum_{i=1}^{m} (\hat{y}_{i}^{2} - \hat{y}_{i}^{2}) d\hat{y}_{i}^{2} + \frac{1}{m} \sum_{i=1}^{m} (\hat{y}_{i}^{2} - \hat{y}_{i}^{2}) d\hat{y}_{i}^{2} + \frac{1}{m} \sum_{i=1}^{m} (\hat{y}_{i}^{2} - \hat{y}_{i}^{2}) d\hat{y}_{i}^{2} + \frac{1}{m} \sum_{i=1}^{m} (\hat{y}_{i}^{2} + \hat{x}_{i}^{2}) + db_{2} - \hat{y}_{i}^{2} d\hat{y}_{i}^{2} + \hat{x}_{i}^{2}) + db_{2} - \hat{y}_{i}^{2} d\hat{y}_{i}^{2} + \hat{x}_{i}^{2}) + db_{2} - \hat{y}_{i}^{2} d\hat{y}_{i}^{2} + \hat{x}_{i}^{2} + \frac{1}{m} \sum_{i=1}^{m} (\hat{y}_{i}^{2} - \hat{y}_{i}^{2}) d\hat{y}_{i}^{2} + \hat{x}_{i}^{2}) + db_{2} + tr(\frac{1}{m} \sum_{i=1}^{m} (\hat{y}_{i}^{2} + \hat{x}_{i}^{2}) + db_{2}) + tr(\frac{1}{m} \sum_{i=1}^{m} (\hat{y}_{i}^{2} + \hat{x}_{i}^{2}) + db_{2}) + tr(\frac{1}{m} \sum_{i=1}^{m} (\hat{y}_{i}^{2} + \hat{x}_{i}^{2}) + db_{2}) + tr(\frac{1}{m} \sum_{i=1}^{m} (\hat{y}_{i}^{2} - \hat{y}_{i}^{2}) + db_{2}) + tr(\frac{1}{m} \sum_{i=1}^{m} (\hat{y}_{i}^{2} - \hat{y}_$

 $d\hat{y}_{k}^{2} = d(\frac{\exp(\Theta_{k}(\hat{y}_{k}^{2} + \Xi_{k}^{2}) + b_{k}}{1_{k}}) = \hat{y}_{k}^{2} \Theta / \Theta_{k} D / \Theta_{k$

由于yxx是O的与bie的的数,不见用老品以前

- 当表示 YEN = ReLEV (X1B- 加工 XB+b1B)

= Relu[O10\(\frac{\overline{\chi}}{m^2}\frac{m}{\su}\frac

我啊: dl=c+m=[yiTogs](yigo(Ozed xin)-jiyi Ozed xin)

 $= C + \frac{1}{m} \sum_{i=1}^{m} (y_{i}^{2} - \hat{y}_{i}^{2}) \theta_{2B} dx_{in}^{2}$ $= C + \frac{1}{m} \sum_{i=1}^{m} (y_{i}^{2} - \hat{y}_{i}^{2}) \theta_{2B} (cyn(\theta_{B}(x^{2} - \overline{x}) + b_{1B}) \theta_{1B}(x^{2} - \overline{x}) + db_{1B})$ $= C + \frac{1}{m} \sum_{i=1}^{m} tr((y_{i}^{2} - \hat{y}_{i}^{2}) \theta_{2B} \theta_{2B}(\theta_{1B}(x^{2} - \overline{x}) + b_{1B}) (d\theta_{1B}(x^{2} - \overline{x}) + db_{1B})$ $= C + \frac{1}{m} \sum_{i=1}^{m} tr((y_{i}^{2} - \hat{y}_{i}^{2}) \theta_{2B} \theta_{2B}(\theta_{1B}(x^{2} - \overline{x}) + b_{1B}) (d\theta_{1B}(x^{2} - \overline{x}) + db_{1B})$

= C+m=tr(ki-=)[(yè-yè]0280sgn(08(====)+ba))d018) +m=tr([(yè-yè]0280sgn(08(====)+ba))db18) #+CDARVA

之后部 30g, 3by, 30g, 30g, 30g, 新ŷz为ŷz为Oza, Oze, Dza, bza 始春, 故惡同时居 dyj = dl O2a Ipp+ bza)= dQa Ipp+dba dŷz = ŷz O (O2B dŷz)+ ŷz O (O2B d Sin) - ŷz ŷz O2B dŷj -ŷz ŷz O2B dŷz 新辩谎, d) = = = = 192-y25dq+==== (y250q+)dqi), = m= 1 yi - yi Jdýi + m= = [yi Joýi] (ŷi O (D2B dýi) - ŷi ŷi D2B dŷi) + C (CAŁ Sdýi FRASS) = m = (y) - y) dy + m = (y) - y) 028dy + C = $\frac{1}{m} \sum_{i=1}^{m} ((\hat{y}_{i}^{2} - \hat{y}_{i}^{2}) + \Theta_{2B} (y_{i}^{2} - \hat{y}_{i}^{2}))^{T} d\hat{y}_{i}^{2} + C$ Xdyj=d(OzaIop+bia)=dOza Iop+dbia ⇒ α2= m = [[ŷ] - y])+θ= (y) -ŷ]) [dθ2a Σip+db2a) = $tr(\frac{1}{M}\sum_{i=1}^{M} (i\hat{y}_{i} - y\hat{x}) + \theta_{2A}^{T}(y\hat{x} - \hat{y}\hat{x}) \times \hat{b}_{P}^{T} d\theta_{2A})$ + tr[m 2 (1) - y2) + 02 (y2-92) Taboa) $\frac{d\lambda}{d\theta_{2A}} = \frac{1}{M} \sum_{i=1}^{M} \left[(\hat{y}_{A}^{i} - \hat{y}_{A}^{i}) + \theta_{2A}^{T} (\hat{y}_{A}^{i} - \hat{y}_{A}^{i}) \right] \sum_{i=1}^{M} \left[(\hat{y}_{A}^{i} - \hat{y}_{A}^{i}) + \theta_{2A}^{T} (\hat{y}_{A}^{i} - \hat{y}_{A}^{i}) \right]$ $\frac{\partial L}{\partial b_{A}} = \frac{1}{m} \sum_{i=1}^{m} \left((\hat{y}_{A}^{i} - \hat{y}_{A}^{i}) + \theta_{A}^{2} (\hat{y}_{B}^{i} - \hat{y}_{B}^{i}) \right)$ 同運,建築業務悉置 1/2 = Oza Vip + bza = Oza (MO In) + bza todyi= OzalMOd Ein) & dIn (OIA I + bia) = recomz + bia) o (doaz + dbia) to dyà= OzalMO(ms(On I +bn) O(doax+dbn)) = PZA((MO MS(OMI)+DIA))OLDOMEV+ND//)) The de = 1 = [(y) - y) + 0 = [y) - y) Deal (no magions + bia) oldons + ab a) = tr(m= (mom (On xi+bia)) O(([yi-yi)+Oze (yi-yi)) O) (don xi+dbia)) = tr[m = Til (MO MS(OME+DIA)) Ol ([ŷi-yi)+OZE [yi-ŷi)) Ox) (Ox)

+tr(((no m=(0m=1+bn))) 0 (((y) - y))+0= (y) - (y))) 02) dba)

$$\frac{\partial^{2}}{\partial \theta_{A}} = \frac{1}{m} \sum_{j=1}^{m} \left((n \circ m \circ (\theta_{A} \mathbf{x}^{i} + b_{iA})) \circ (\theta_{2A}^{T} (|\hat{y}_{A}^{i} - y_{A}^{i}) + \theta_{2e}(y_{e}^{i} - \hat{y}_{e}^{i})) \right) \mathbf{x}^{i} \mathbf{x}^{T}$$

$$\frac{\partial^{2}}{\partial \theta_{A}} = \frac{1}{m} \sum_{j=1}^{m} \left((n \circ m \circ (\theta_{A} \mathbf{x}^{i} + b_{iA})) \circ (\theta_{2A}^{T} (|\hat{y}_{A}^{i} - y_{A}^{i}) + \theta_{2e}(y_{e}^{i} - \hat{y}_{e}^{i})) \right) \mathbf{x}^{i} \mathbf{x}^{T}$$