Probable ambiguous coses

Probable dans label

To handle ambiguous coses

Probable dans label

Response variable is continuous

X; ER -> Y, ER

Unsupervised beauty

a model of form IP(XII); un conditional density estruction.

So we need to creat multivariate pool. notels.

First take is do extract the destribution over the number of during the population of the continuous policies.

- · for · domorrisonality reduction we use principal components
analysis or PCA.

1 parametric vs non-parametric model

probablishe model me of form p(y|x) or p(x)form < (familie) parameters of the modes is fixed? superiored us

" proble (Non Jarobre) grows or with the amount of trang date?

J εν κΝΝ = p(y=c|x,D,K) = L Σ Ι(y=c) iENK(X,D)

NK(XD) = indices of R nearest points to x in ) I(e) = indicates set = ) 1 ij e = true

 $P(y=0|X,D,K)^2 \neq \sum_{i \in ML} (y_i=0).$ Nu (x )) : 2 2,3,5} = 1 20,1,0} = 1

P(y=1/x, D, K) = 1/2, = 3 d 1, 0, 1 = 2/3.

(2) livear Feyrerian.

respone is linear fut of input

$$y(x) = w^{T}x + \varepsilon = \sum_{j=1}^{A} w_{j}x_{j} + \varepsilon$$

residual Error

Gaussian A Normal distribution N(M, 62)

