1/ when we have a distance based lon:

it won't give good haining with multimodal distribution

example: HSE, RHSE, Benay Cross enlighters and Calegorical Crossenlighters

⇒ an MLP with MSE mon't be good at haining if me have multimodal distribution.

selution 1

we haild a charifier to deted outliers we haild a training models: 1-on normal data 1-on outliers

rolution 2

we build a regression model for each

whiten 3

thee based medels week beller in these cases

1/ Mean absolute ever

it effects the size of overs in a set of predicted values without caring about their positive or negative directions.

When is it wied?

for regression publishes when the distributions of the larger variable has outliers.

2 Hear squared ever 30

the requiring implies that larger mistakes have even harger evens than smaller ones

when is it used?

in major cases of regression publishes.

I negative leg likelihood (Margalia Antiff): NLC

the medel is punished for making predictions
with smaller prelabilities and encuraged for
making the prediction with higher prehabilities.

it doesn't only care about most the prediction
being correct but also about the model being
cectain about prediction

H