Math 342 W Lecture 3

$$y = g(\vec{z}) + [(h^*(\vec{x}) - g(\vec{x})] + [(f(\vec{x}) - h^*(\vec{z})] + (c(\vec{z}) - f(\vec{x})]$$

$$\hat{y} = model$$

$$y = \mathcal{R}(0, 22) \in 22$$

$$\{c(\vec{z}) - f(\vec{x})\}$$

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$$\{c(\vec{z}) - f(\vec{x})\}$$

Binary Classification, g returns either a O or I in the =7 output space

Null Model

go = A(g, 22) = Mode (g) for classification hop features

Indicator Function

1: if cond.

Oilf not

Continuing from Figure I

We are aiming to chose a threshold line, such that we minimize the residuals

$$y = \frac{1}{10} = \frac{1}{$$

Accuracy = 1-ME

A: Lunimize ME

Ly objective Function

Ly Fitness Function

Ly Target Function

A: Target Function

A: Lunimize ME

Og = arg min.
$$\begin{cases} 2 \\ 5 \\ 5 \end{cases}$$

Unique values

of $2 \\ 5 \\ 6 \end{cases}$

In the leal SAE: Sum Absolute Error

NOTE Now we add a new feature \tilde{x}_z^z

MAE! Mean Absolute Error

NSE: Mean Squared Error Itil > Ci