

$$\hat{y}_i$$

$$e_i = y_i - \hat{y}_i$$

$$\hat{y}_i$$

$$mae = \frac{1}{n} \sum_{i=1}^n |e_i| = \text{mean}_{i=1,n}(|e_i|)$$

$$mse = \frac{1}{n} \sum_{i=1}^n e_i^2 = \text{mean}_{i=1,n}(e_i^2)$$

$$rmse = \sqrt{\frac{1}{n} \sum_{i=1}^n e_i^2} = \sqrt{\text{mean}_{i=1,n}(e_i^2)}$$

$$p_i = \frac{|e_i|}{\hat{y}_i}$$

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$$mape = \frac{1}{n} \sum_{i=1}^n 100 \times |p_i| = \text{mean}_{i=1,n}(100 \times |p_i|)$$

$$p_i = \frac{|e_i|}{\hat{y}_i}$$

$$3/boston_{R^2} \text{ from } EC_{surface}.png[recsurface \text{ from dataset } Boston(cf.Table??), \text{ trained with a Random Forest model}(cf.T$$

$$k$$

$$k$$

$$[0\% -$$

$$10\%]$$

$$[10\% -$$

$$35\%]$$

$$[35\% -$$

$$65\%]$$

$$[65\% -$$

$$90\%]$$

$$[90\% -$$

$$100\%]$$

$$?$$

$$?$$

$$??$$

$$??$$

$$crim$$

$$crim$$

$$3/edp_{boston} crim_{absolute}.png[edp \text{ from dataset } Boston(cf.Table??) \text{ to analyze the feature } crim, \text{ trained with a Random Fore}$$

$$?$$

$$?$$

$$?$$

$$?$$

$$X-$$

$$axis$$

$$[0 -$$

$$1]$$

$$0$$

$$Y-$$

$$axis$$

$$??$$

$$?$$

$$10\%$$