

Cross-Validation

 keep_cross_validation_predictions: keep the predictions of the cross-validation models.

• nfolds: number of folds for N-fold cross-validation (default: 0, disabled)

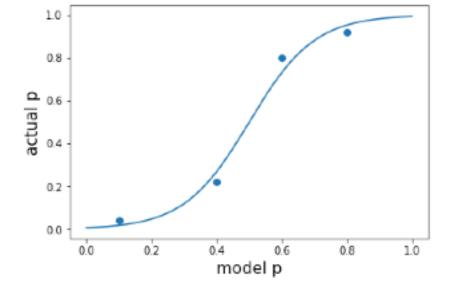
- keep_cross_validation_fold_assignment: keep the cross-validation fold assignment.
 fold assignment: cross-validation fold assignment scheme, if fold
 - column is not specified. The "Stratified" option will stratify the folds based on the response variable, for classification problems. Must be one of: "AUTO", "Random", "Modulo", "Stratified".
- fold_column: column with cross-validation fold index assignment per observation.

Platt Scaling

· Many ML algorithms introduce biases when it comes to class probability

Correct for this by fitting a sigmoid to the model output:

$$P(\mathbf{x}) = \frac{1}{1 + \exp(Af(\mathbf{x}) + B)}$$



Split data into two frames: 1) Training dataframe: used to generate f(x)
 2) Platt calibration frame: used to fit A and B

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 cross-validation models.
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