Exercises

Interpretation Challenges II

Exercises

1. Use the flight data from Interpretation Challenges I

For the classification (not delayed: 0, delayed: 1) use a decision tree

Plot the decision tree in a graphical form with a depth of 3

Plot the decision tree in text form

Compare both results

2. What are advantages and disadvantages of Explainable Boosting Machines?

Exercises

3. Train a EBM using only a part of the features and data

4. Explain the feature importance and the interactions globally

5. Plot ROC and explain it globally

6. Plot Scope Rules and explain them

7. Explain the feature importance and the interactions of two features locally for a special dataset