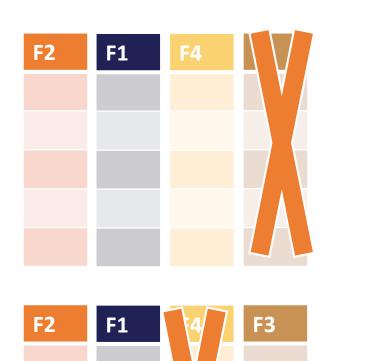


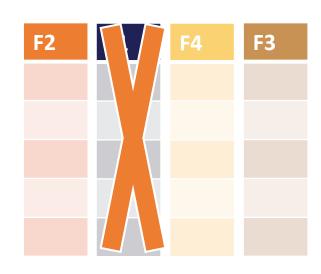
Roc-auc 0.77

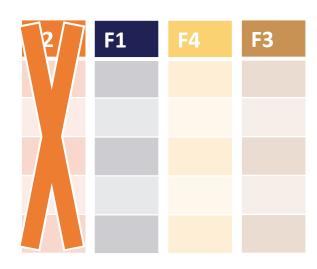
• Model with all features: 4 features







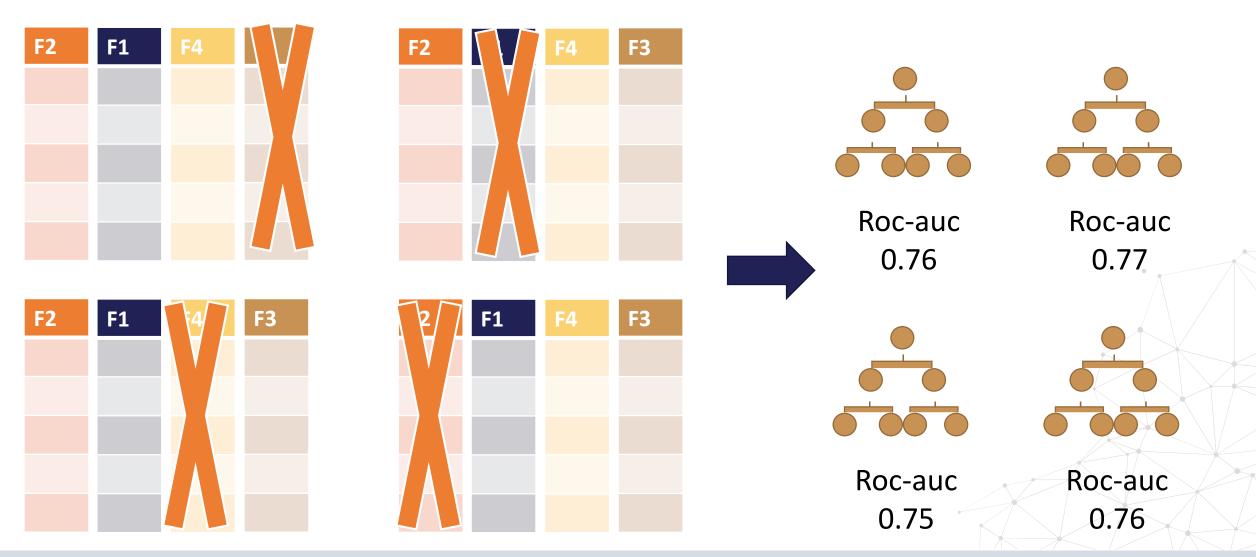




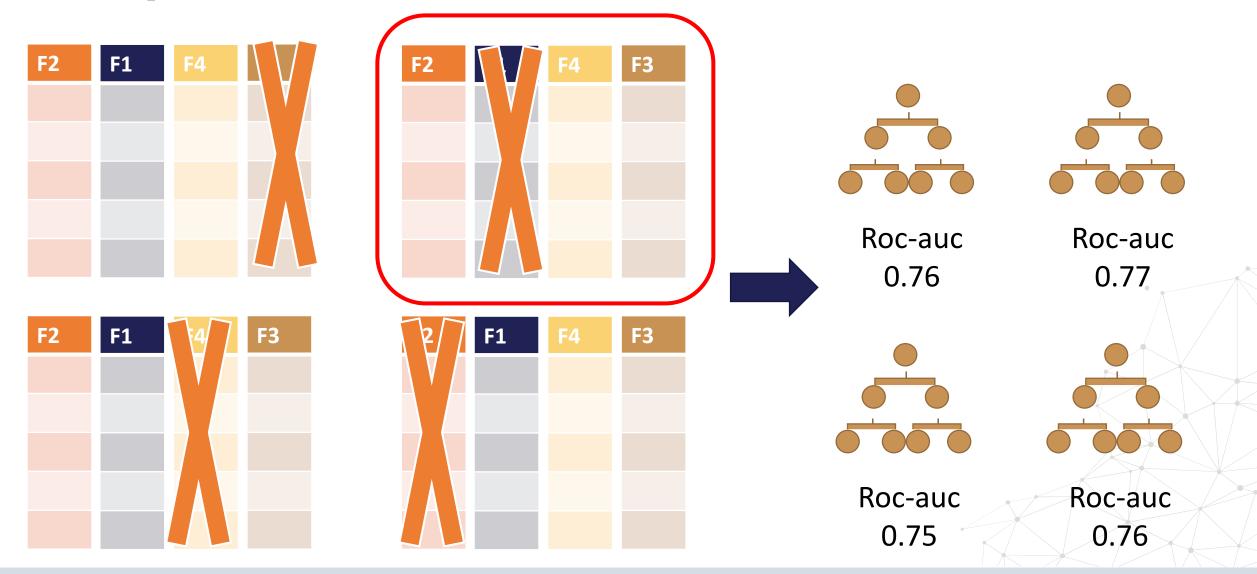
- Remove 1 feature:
 - All possible models with 3 features

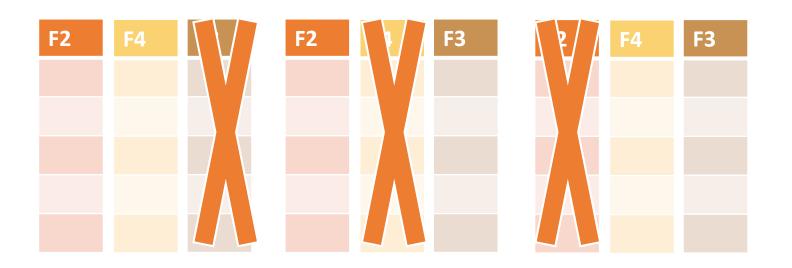










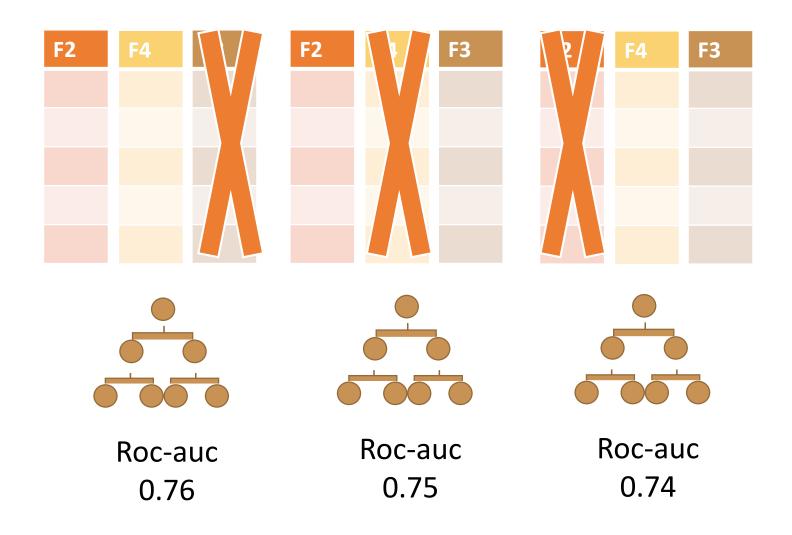


Remove 1 feature:

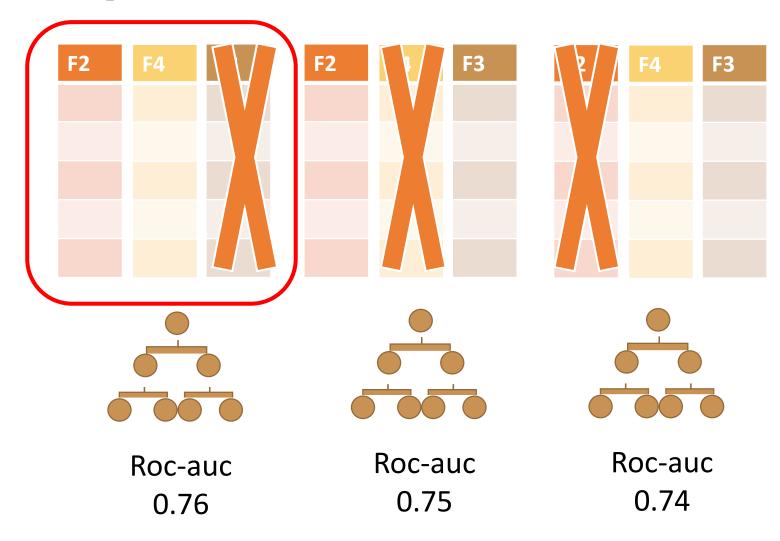
All possible models with 2 features



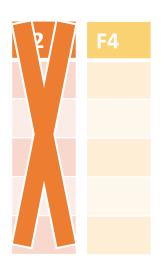


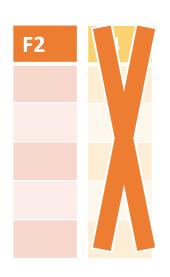


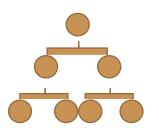


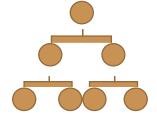












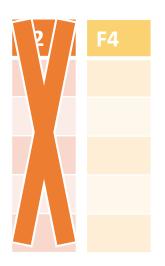
Roc-auc 0.72

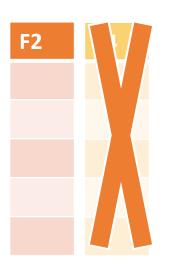
Roc-auc 0.73

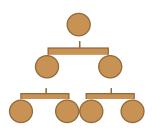
- Remove 1 feature:
 - All possible models with 1 feature

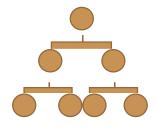






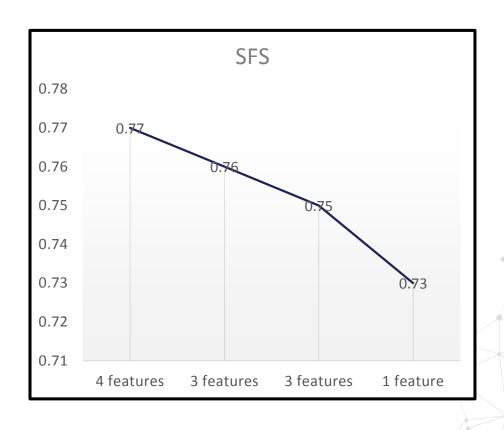






Roc-auc 0.72

Roc-auc 0.73





When to stop the search

- Ideal: When performance does not decrease beyond a threshold
 - ✓ Threshold to be defined by the user

- MLXtend implementation: when certain number of features is reached
 - ✓ Number of features defined by the user





THANK YOU

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