

DUAL-RF: Dual feature random forests

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Requirements: C++

The goal of this project is to modify sklearn random forest/ decision trees to add a mode to split on two variables simultaneously. It will be required to analyze the problem, understand if the proposed criterion is sensible, e.g. does not yield the same results as sequential splits, etc.

This project is only suitable for people who know C++ and feel comfortable understanding existing production code.

Can be extended to a Master's thesis.