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Lappeenranta **University of Technology**

LUT Machine Vision and Pattern Recognition

2015-11-29

BM40A0700 Pattern Recognition

Lasse Lensu

Exercise 10 solutions: Decision trees and practical issues

1. Decision trees (1 point): not published.
2. Random decision forests (2 bonus points): A script constructing a random decision forest from the provided training data by using the Matlab constructor `T = classregtree(X,Y)` with Gini impurity (Matlab: Gini's diversity index) is given as a separate file.

Additional files: `irisdata.mat`, `s046.m`.

3. Bias-variance tradeoff (1 point): not published.