Tuning: Neural network

size = 19, decay = 0.01

Youden's J vs Decay, faceted by 1, 3, 5, 7, 9, 11, 13, 15, 17, 19
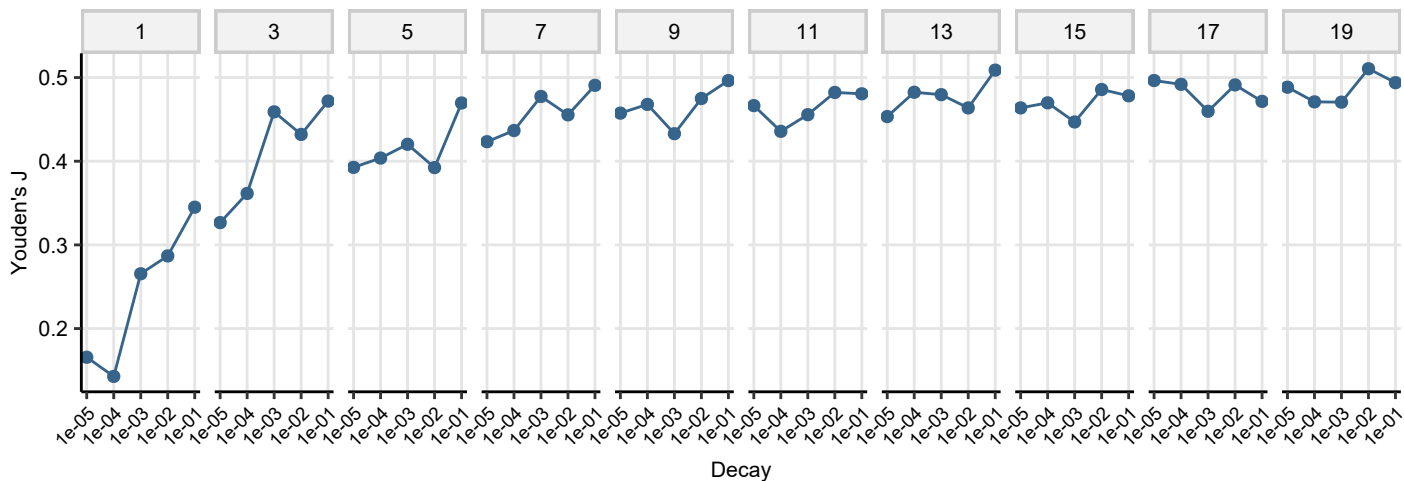
Tuning: Random Forest

mtry = 14, splitrule = gini, min.node.size = 3

Faceted by min.node size = 1 and min.node size = 3; x-axis: Number of variable per tree, mtry; y-axis: Youden's J
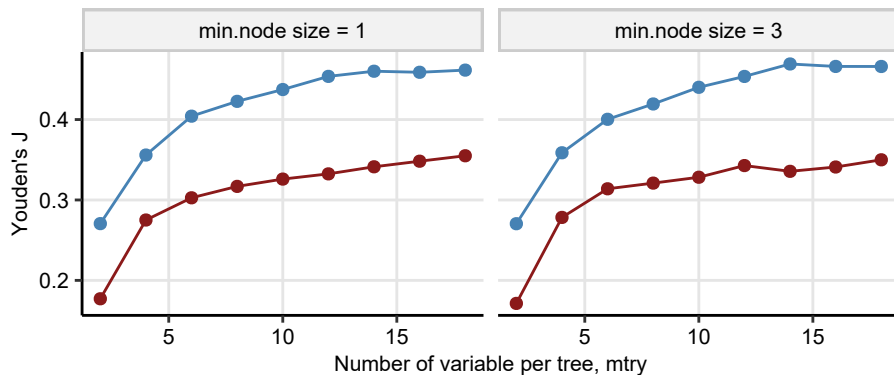
Splitting rule — Extra trees — Gini

Tuning: SVM radial

sigma = 0.01529346, C = 0.2

Youden's J vs Cost paramater, C
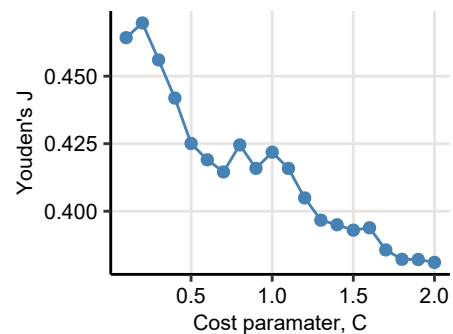
Tuning: GBM

n.trees = 100, interaction.depth = 4, shrinkage = 0.1, n.minobsinnode = 10

Faceted by int = 1, int = 2, int = 3, int = 4; shrinkage = 0.1; x-axis: Number of trees, n.trees; y-axis: Youden's J

Minimal observations per node — 5 — 10 — 15