

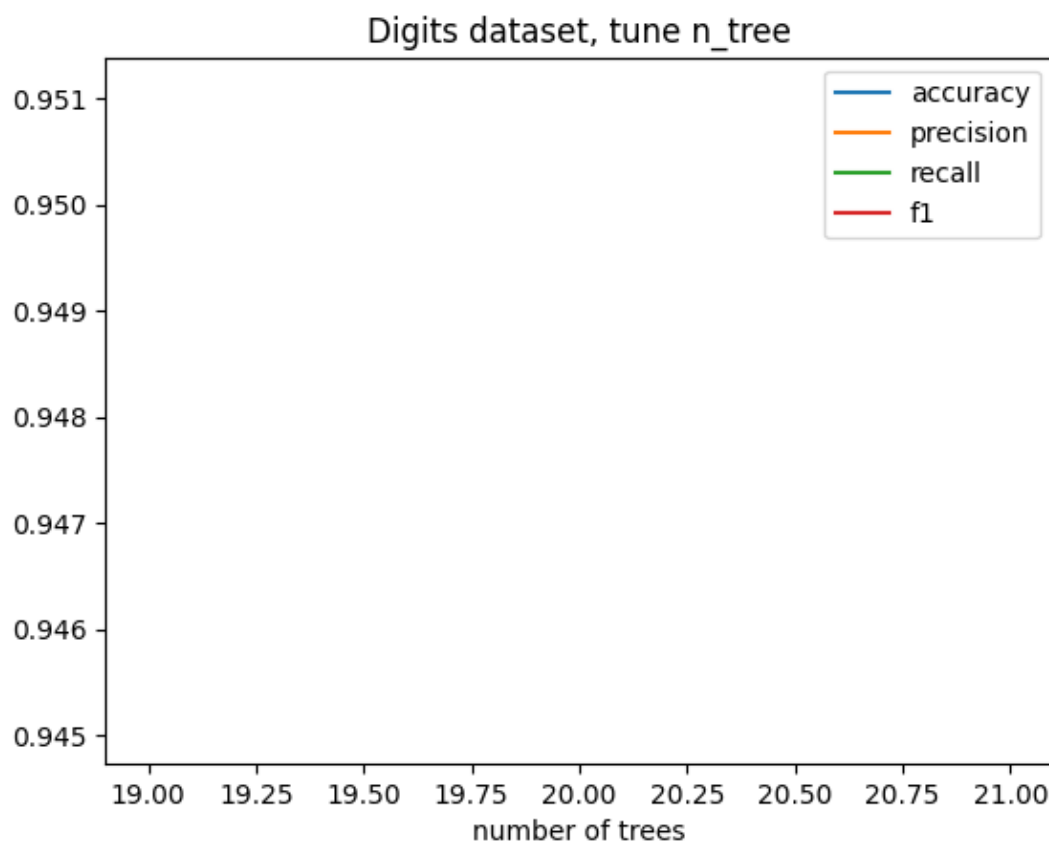
CS589 Final Project Report

Written by Chang Liu and Haochen(Harry) Wang

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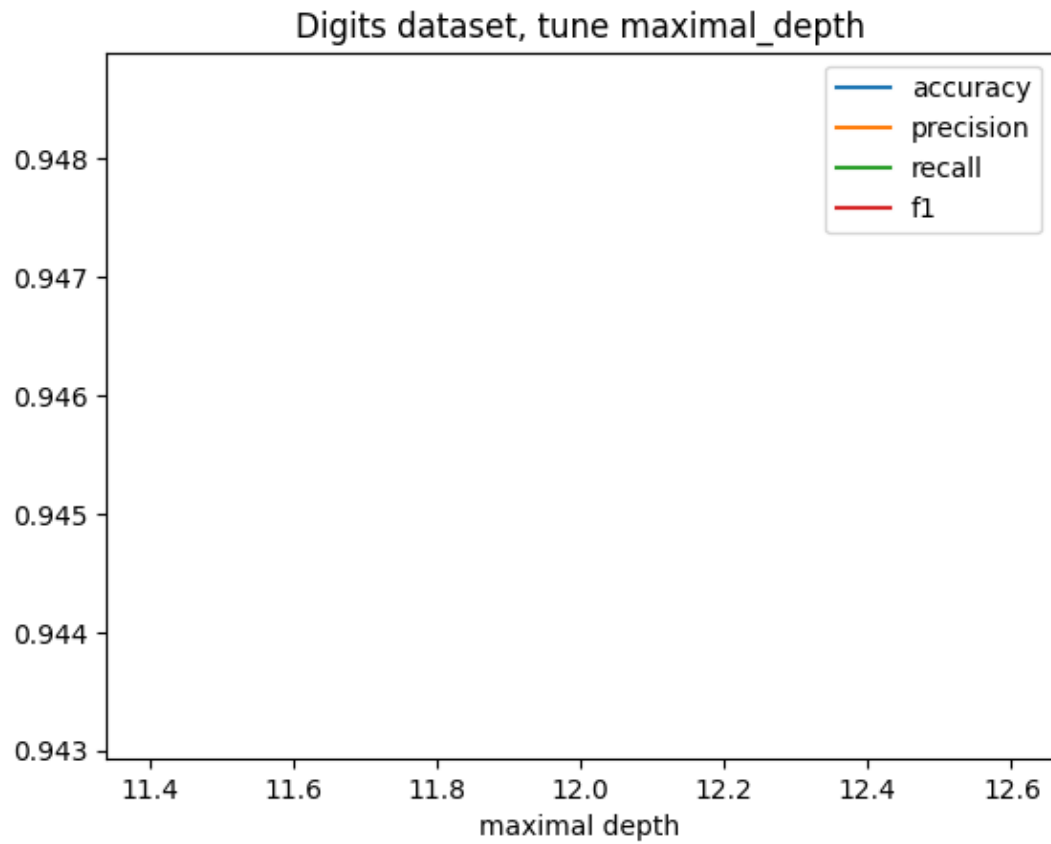
The Hand-Written Digits Recognition Dataset

Random Forest

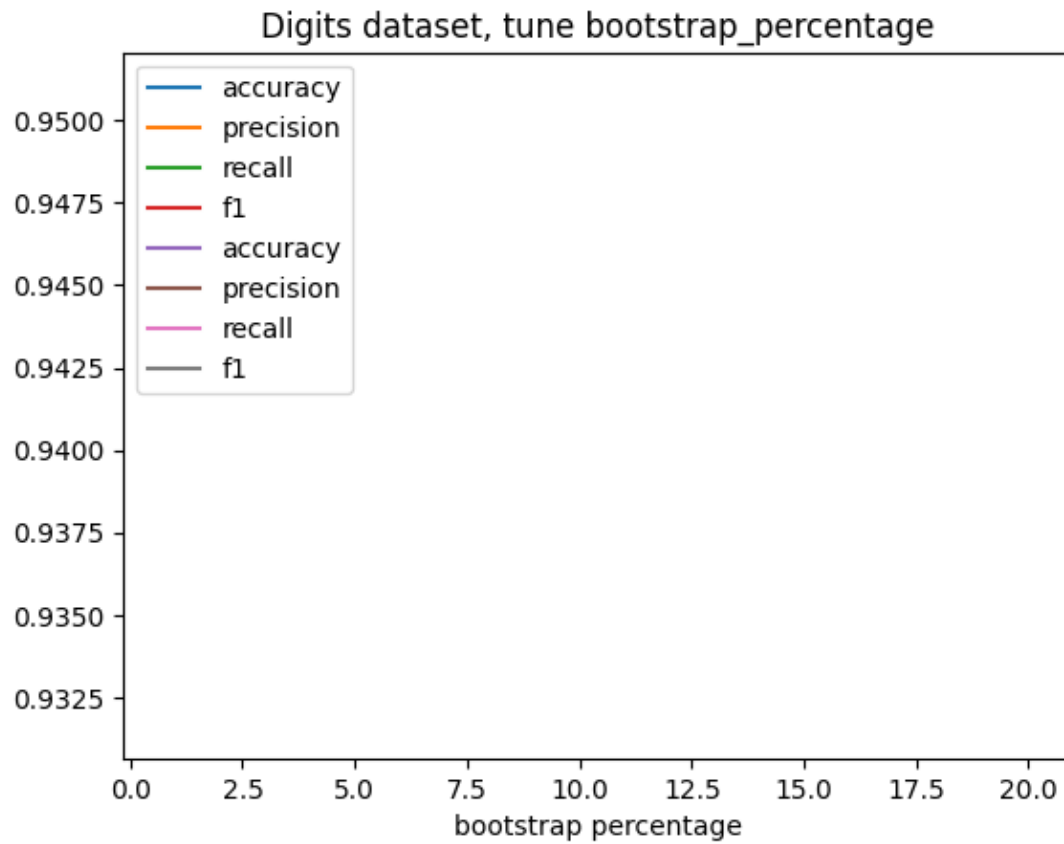


Picked $n = 20$

accuracy: 0.948 precision: 0.954 recall: 0.948 f1: 0.947



Picked max_depth = 12 accuracy: 0.944 precision: 0.949 recall: 0.944 f1: 0.943



Picked bootstrap_percentage = 0.8

accuracy: 0.933 precision: 0.941 recall: 0.933 f1: 0.932

kNN

