

# Crown Density Model for Trees of the Northern Forest

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## Goal

Create a relatively simple model of crown density to understand what affects it and to possibly incorporate into a new competition index

## Methods

FIA data were downloaded from the FIA DataMart<sup>1</sup> in the form of state-specific csv files, which were generated by the Forest Service from the FIA Oracle database tables. These data are current as of March 28, 2021.

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<sup>1</sup><https://apps.fs.usda.gov/fia/datamart/datamart.html>

## Crown Density Relationships



























