

Douglas-fir Height Growth from FIA Data

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Data

We extracted and processed Forest Inventory and Analysis (FIA) data from 11 states listed in the native range of Douglas-fir in the Silvics of North America.¹

After subsetting the data to censor observations with missing data, limiting the species to Douglas-fir (FIA species code 202), and remeasurement intervals ≥ 5 years we get the observations in Table 1.

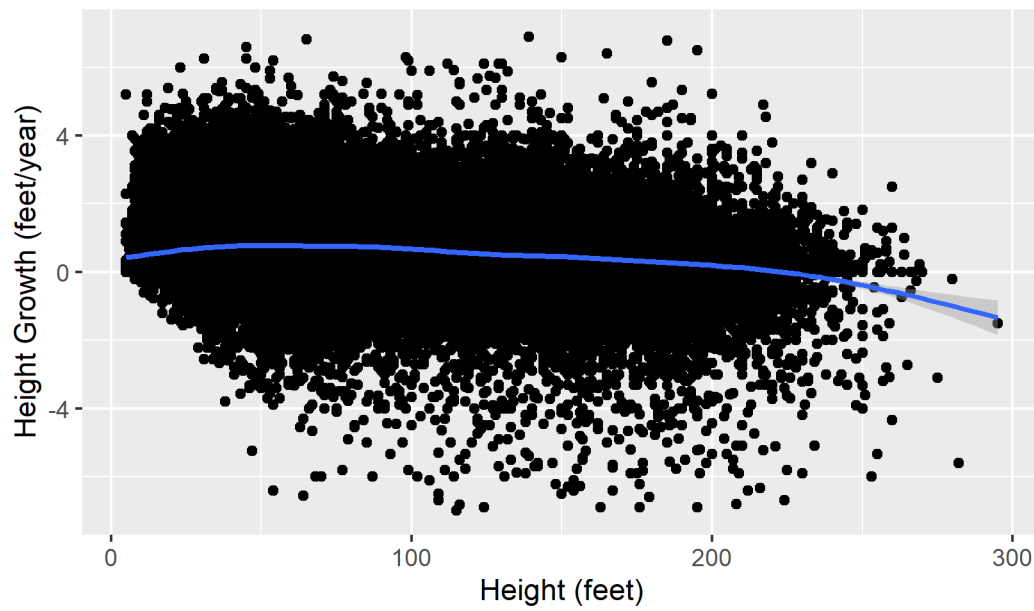
Table 1: Douglas-fir Height Growth Observations by State

State	Observations
AZ	1093
CA	18605
CO	6774
ID	13789
MT	23645
NM	2099
NV	27
OR	69368
UT	2348
WA	47321
WY	671

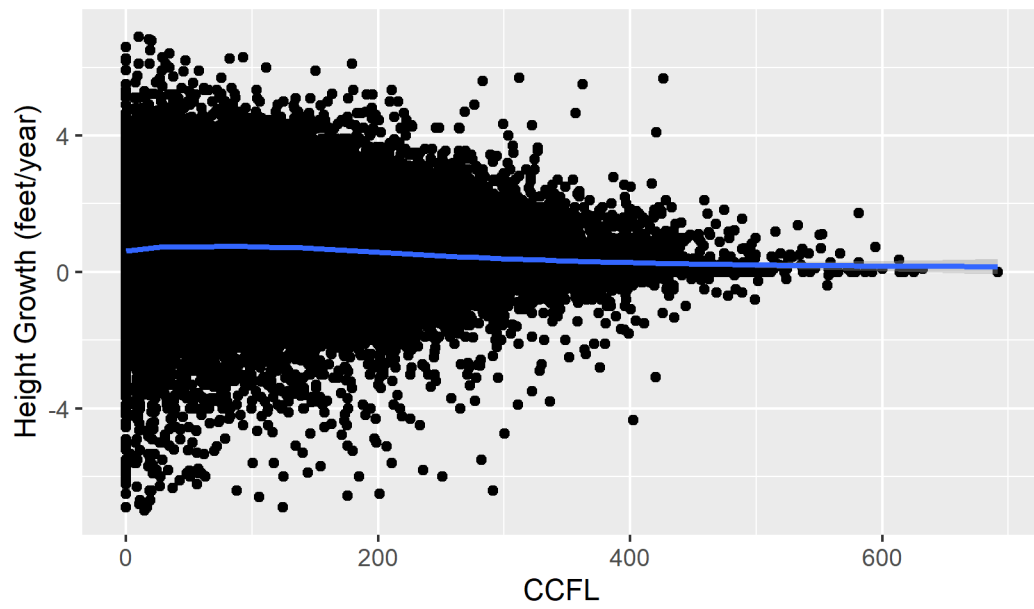
Average height growth over the remeasurement period is graphed over candidate explanatory variables below.

¹Burns, Russell M., and Barbara H. Honkala, tech. coords. 1990. Silvics of North America: 1. Conifers; 2. Hardwoods. Agriculture Handbook 654. U.S. Department of Agriculture, Forest Service, Washington, DC. vol.2, 877 p.

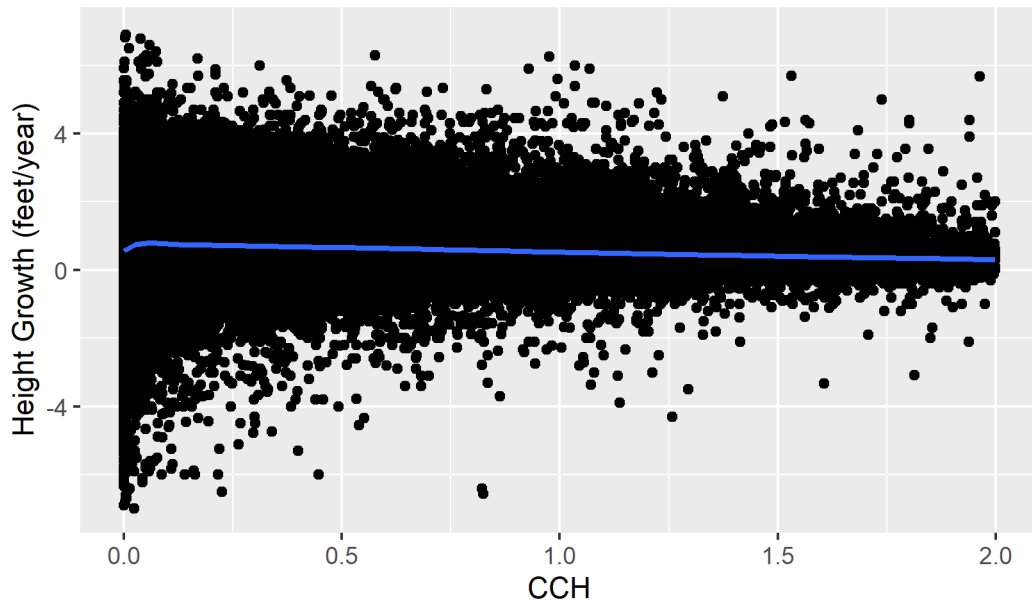
Outliers Removed



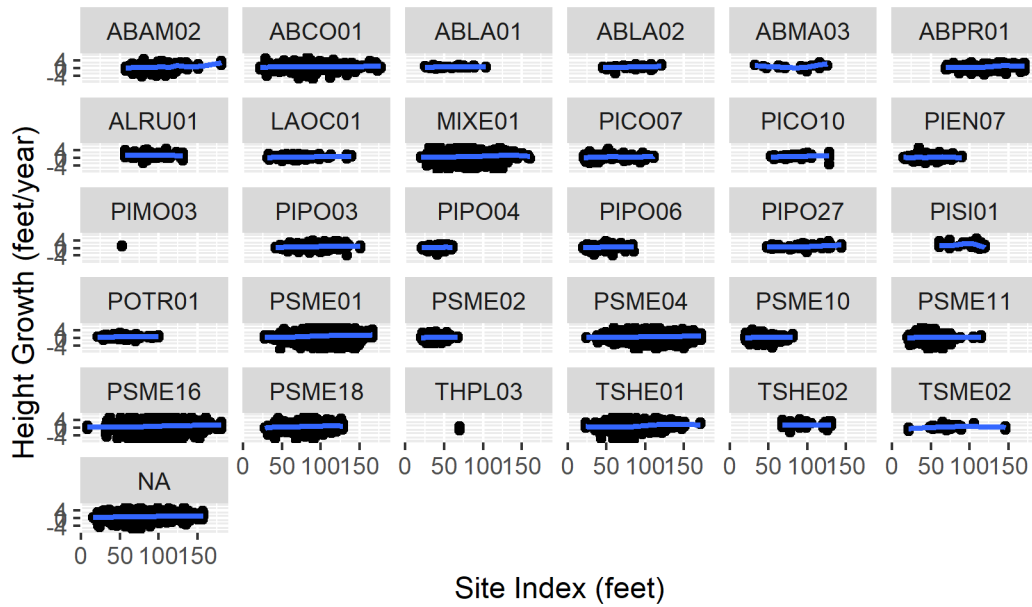
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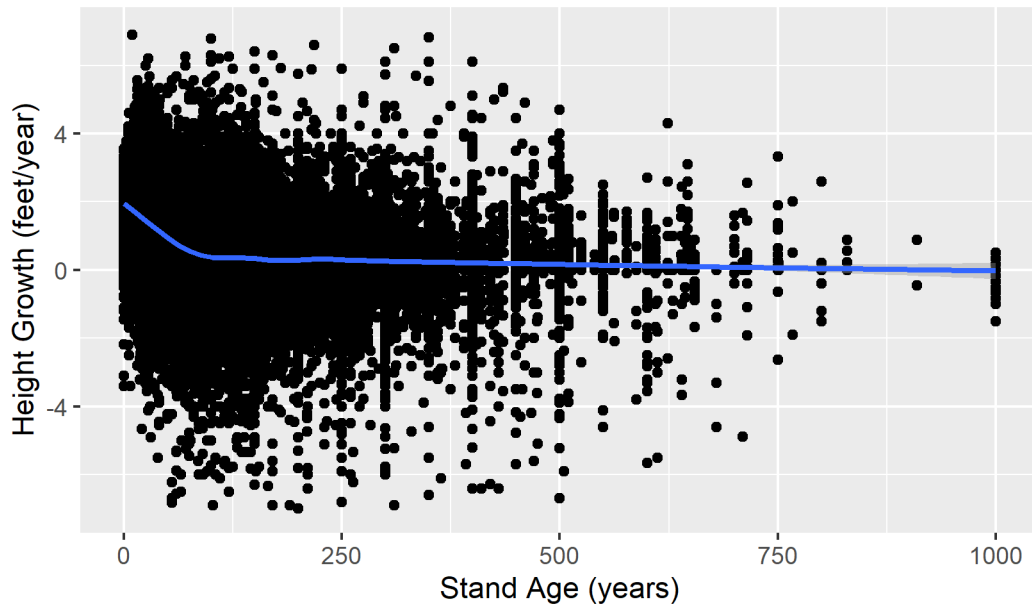
Outliers Removed



by SI Equation



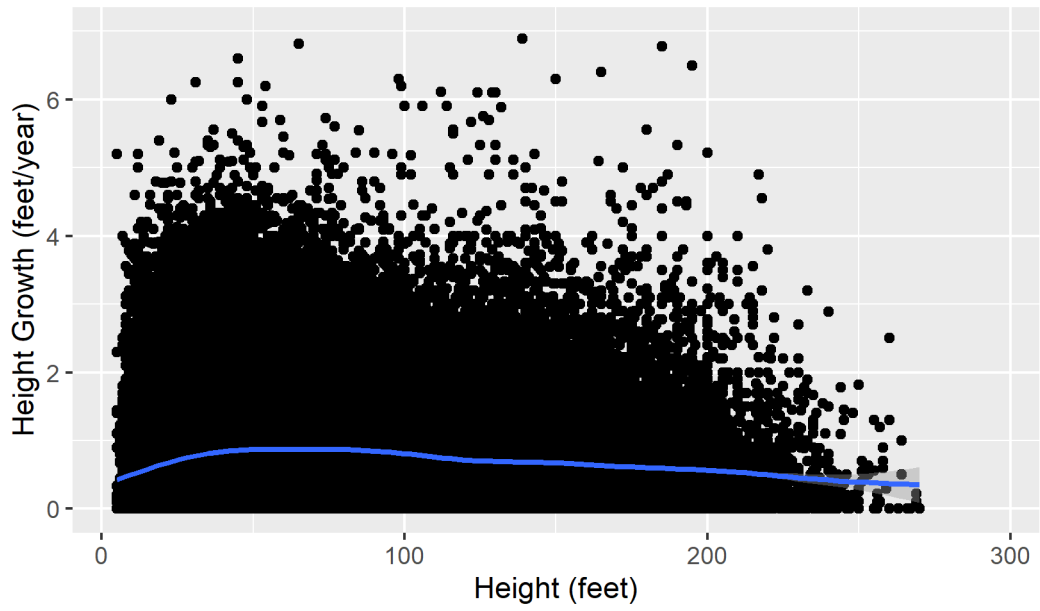
Outliers Removed



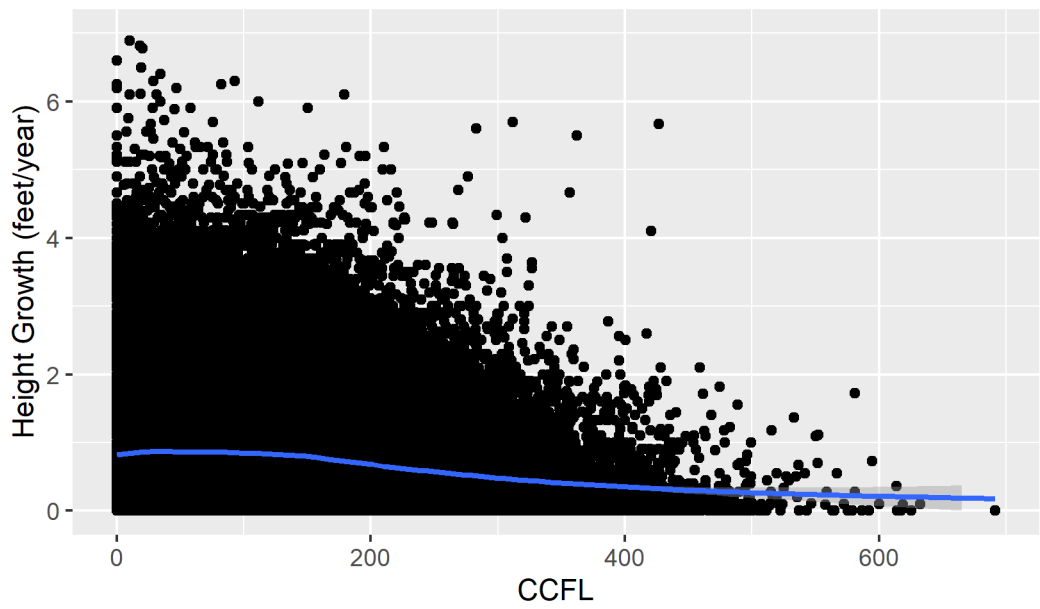
Ages <= 100 on 5-Year Points, Outliers Removed



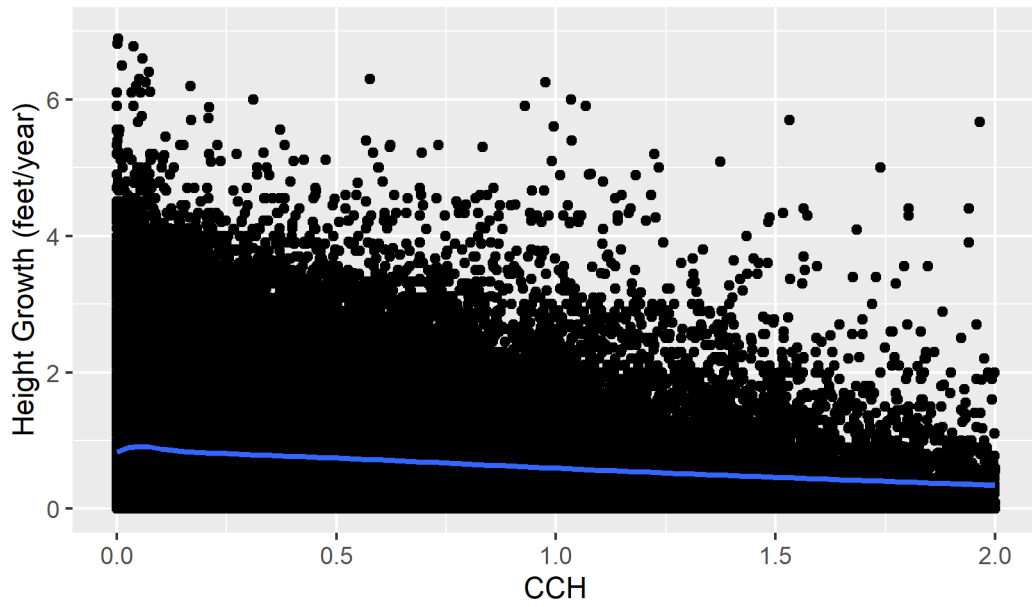
Outliers and Negative Growth Removed



Outliers Removed



Outliers and Negative Growth Removed



Outliers and Negative Growth Removed

