

Alternative Douglas-fir Height Growth

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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

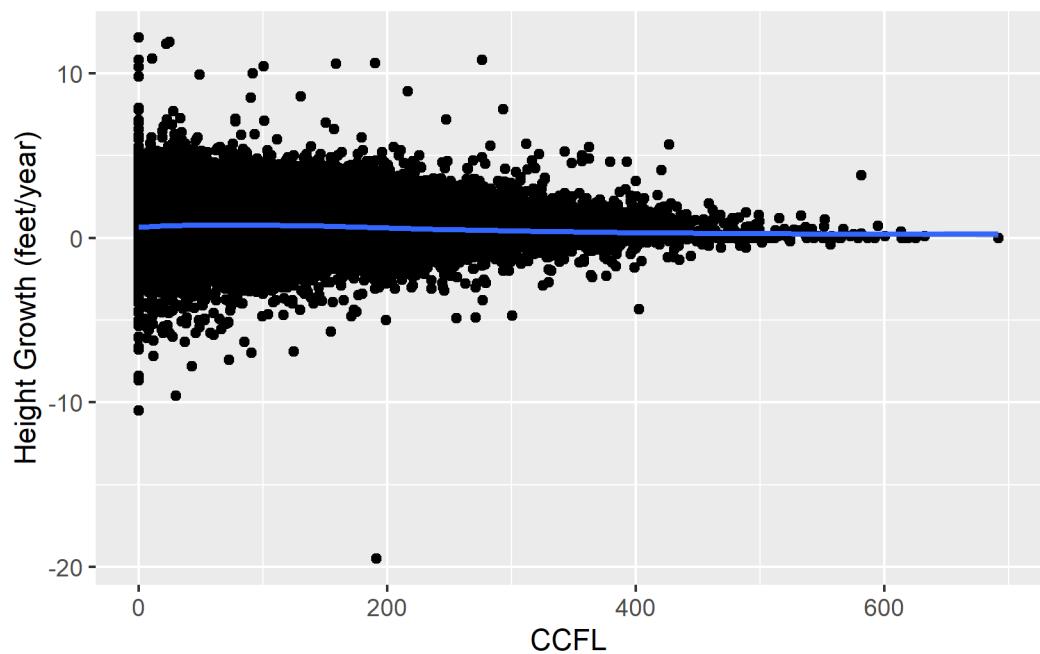
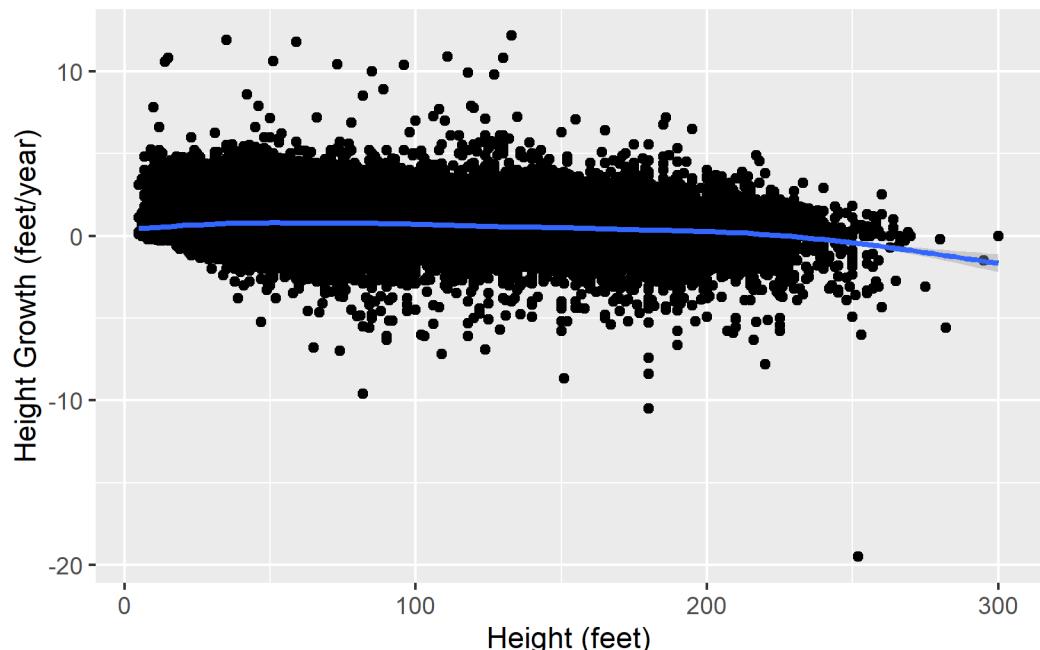
After subsetting the data to censor observations with missing data, limiting the species to Douglas-fir (FIA species code 202), and remeasurement intervals ≥ 5 years we get the observations in Table 1.

Table 1: Douglas-fir Growth Observations by State

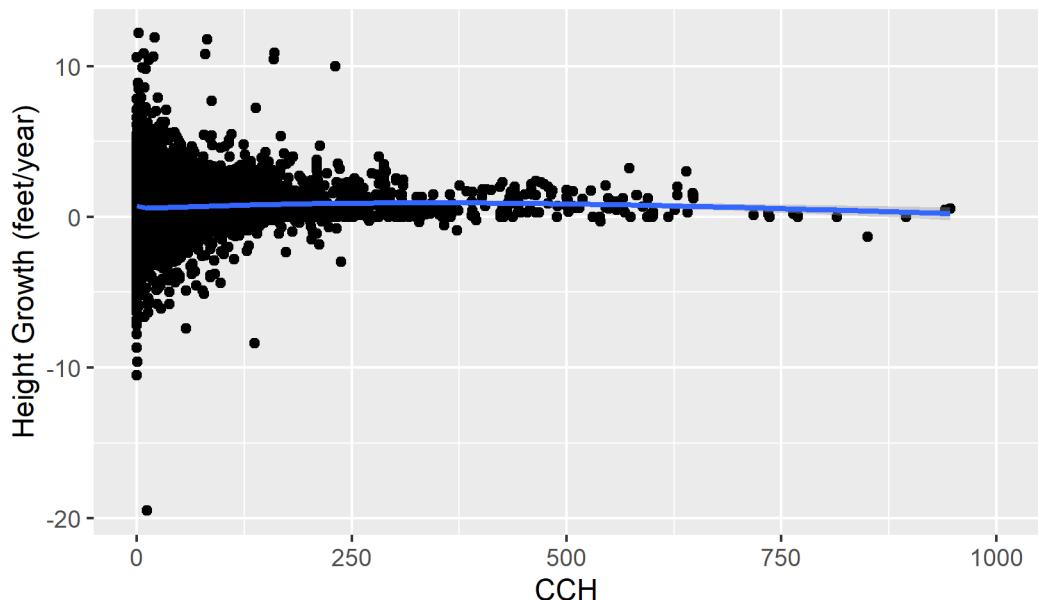
State	Observations
AZ	1143
CA	18605
CO	6774
ID	13786
MT	23645
NM	2440
NV	27
OR	69362
UT	2345
WA	47317
WY	865

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

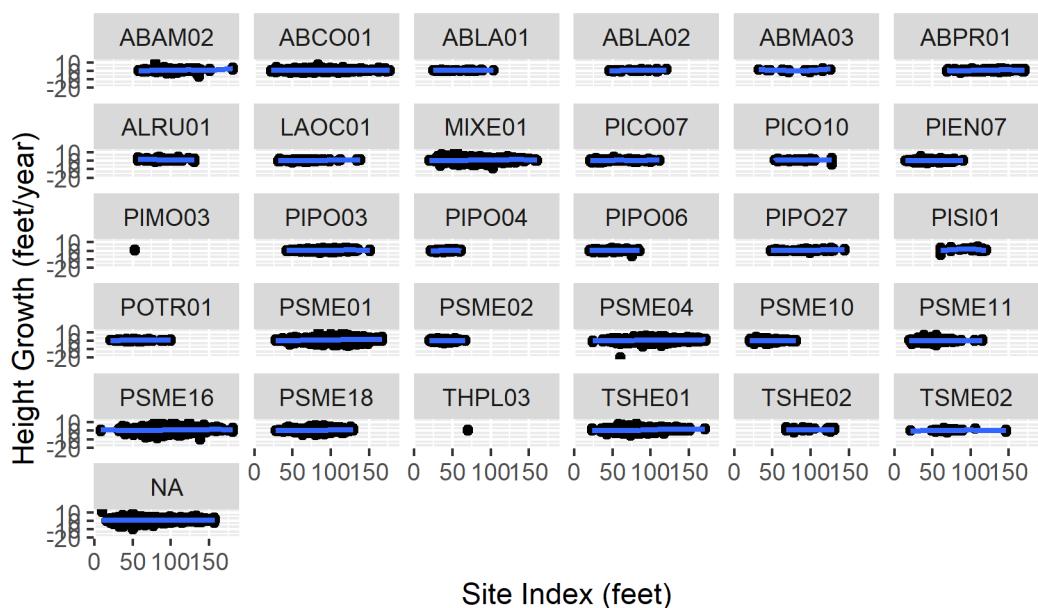
¹Burns, Russell M., and Barbara H. Honkala, tech. coords. 1990. Silvics of North America: 1. Conifers; 2. Hardwoods. Agriculture Handbook 654. U.S. Department of Agriculture, Forest Service, Washington, DC. vol.2, 877 p.

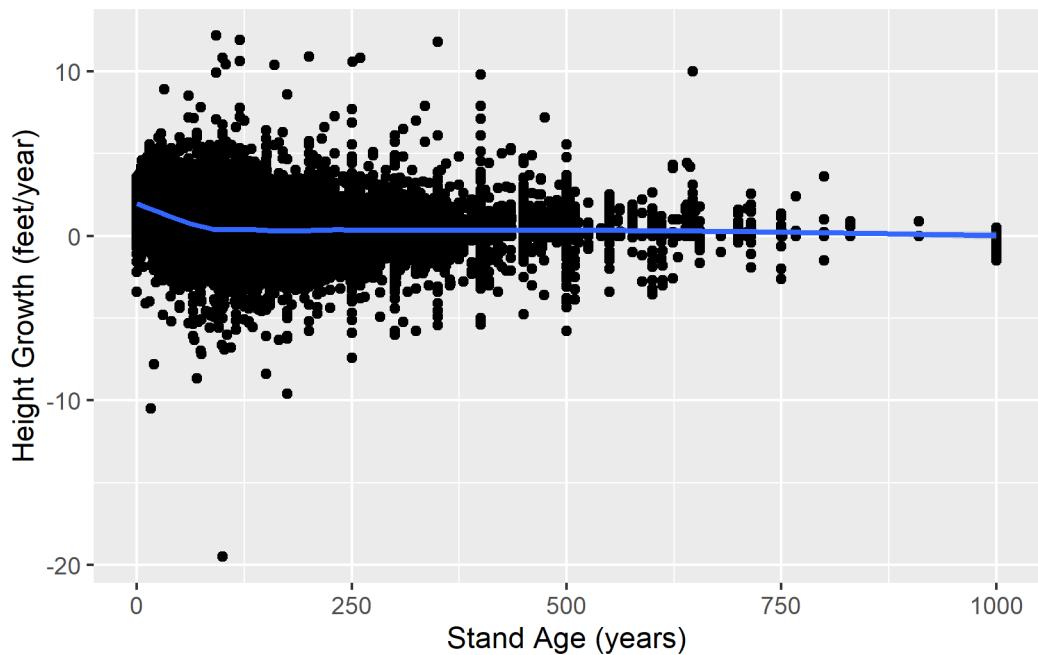


CCH > 1000 Removed



by SI Equation





Ages ≤ 100 on 5-Year Points, Outliers Removed

