General Thesis Idea Brainstorming and Notes

Don’t have very thorough data on site characteristics beyond elevation for some of the data.

According to allometric view: allocation is a function entirely of size. Therefore, time is imbedded in the model as a site-level fixed effect: the time it takes for a plant to reach a size wherein its allocation = x, is dependent of the fixed characteristics of its environment/site.

How can I test allometry with this data though? Can’t do total allocation really. Although I guess one could as a percentage of total biomass.

Weiner

* There must be some optimum allocation wherein the tree is devoting a maximum amount of its resources to volumetric growth.
  + But according to Kevin secondary growth is last on the chain of allocation following maintenance and primary growth
    - Perhaps if there was less branch structure to maintain?
    - But then you would have less photosynthetic potential unless only non photosynthetic branches were removed.