

Photogrammetry, Inventory and Models FOR 4360

Inventory test

You are given, a comma delimited data file uf2012-50.csv

The expansion factors are included.

This is a nested fixed area plot sample. The plots are in Butler County Missouri , USA

Produce a Stock table with:

N Number of samples trees

Tpa Number of trees per acre

BA the Basal are per acre.

Cubic volume per acre,

International $\frac{1}{4}$ board foot volume per acre

Value of the board foot volume

Species code for this inventory can be found here:

<http://oak.snr.missouri.edu/for4360/spreadsheets/codes2.xls>

Use the column labeled USFSCode as your species key

The value of the wood as stumpage can be found here:

<https://mdc.mo.gov/trees-plants/timber-sales/timber-price-trends>

1. Using Excel and the tools we have used in this class produce a Stock table.
2. Produce a report on the inventory with the stock table explaining how you produced the table and what it tells you about the forest that was inventoried.