Harvard Forest Data Archive HF126-03

Data File:

Name = hf126-03-height-crown.csv
Description = tree height and crown
Rows = 109  Columns = 18
MD5 checksum = 0ade696fc1b572c9dbb3427d8b7a13a0

Variables:

xcoord = the Cartesian coordinate identifying the location of the
tree along the north-south axis of the plot (in meters; range is
30-60) (meter)
ycoord = the Cartesian coordinate identifying the location of the
tree along the east-west axis of the plot (in meters; range is 30-60)
(meter)
dbh = diameter breast height (1.3 meters), measured in centimeters
using a dbh tape (centimeter)
distance = distance in meters from the tree at which the height and
crown depth measurements were taken (meter)
heightpercenttop = the height percent to the top of the tree,
measured using a clinometer (number)
heightpercentbase = the height percent to the base of the tree,
measured using a clinometer (number)
crowndepthpercenttop = the height percent to the top of the live
crown, measured from the same position as the height percent, also using
the clinometer (number)
crowndepthpercentbottom = the height percent to the bottom of the
live crown, measured from the same position as the height percent, also using
the clinometer (number)
majoraxis = the length, in meters, of the crown diameter at its
largest point (determined by visual inspection), measured with a 50 meter
tape (meter)
minoraxis = the length, in meters, of the crown diameter at its
smallest point (determined by visual inspection), measured with a 50 meter
tape (meter)
height = the height (in meters) of the tree, calculated from the
height percent and the distance at which that was measured =
(distance*height percent top)/100−((distance*height percent base)/100) (meter)
crowndepth = length of live crown in meters, using crown depth
percentages, and the distance at which those were measured =((distance*crown
depth percent top)/100)−((distance*crown depth percent bottom)/100)
(meter)
meancrowndiameter = the average of the major and minor axes of the
crown diameter = (major axis + minor axis)/2 (meter)
<table>
<thead>
<tr>
<th>Variable</th>
<th>Min</th>
<th>Median</th>
<th>Mean</th>
<th>Max</th>
<th>NAs</th>
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