Harvard Forest Data Archive HF160-06

Data File:

Name = hf160-06-decomp.csv
Description = decomposition of lignin and cellulose, 2008-2010
Rows = 288  Columns = 23
MD5 checksum = 4a9a7590cd9ba9b1a43fbeddfbe9f307

Variables:

date.out = date litter bag collected
months.f = number of months in field (number)
i.adm = initial air-dried mass of material in the litter
decomposition bag (gram)
i.odm = initial oven-dried mass of material in the litter
decomposition bag (gram)
i.afodm = initial ash-free oven-dried mass of material in the litter
decomposition bag (gram)
f.odm = final oven-dried mass of material remaining in the litter
decomposition bag after collection from the field after MonthsInF months (gram)
crb.mass = mass of the crucible (gram)
sam.crb.mass = sample mass + crucible mass (gram)
ash.crb.mass = ash mass + crucible mass (gram)
ash.mass = ash mass. AshMass = AshCrbMass - CrbMass (gram)
p.ash.free = proportion of fODM attributable to material other than
ash (range 0 - 1) = (fODM - AshMass)/fODM (dimensionless)
f.afodm = final oven-dried mass of material, minus mass of the ash
fAFODM = fODM × pAshFree (gram)
f.loss = mass of sample lost to decomposition fLoss = iAFODM - 
fAFODM (gram)
m.loss.frac = proportion of the original mass of the sample lost to 
decomposition (range 0 - 1) mLossFrac = fLoss / iAFODM (dimensionless)
remain.per = percentage of original mass remaining in the 
decomposition bag at the time of collection (range 0 - 100) pctRemain = (1 - 
mLossFrac) × 100 (dimensionless)
<table>
<thead>
<tr>
<th>Variable</th>
<th>Min</th>
<th>Median</th>
<th>Mean</th>
<th>Max</th>
<th>NAs</th>
</tr>
</thead>
<tbody>
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<td>date.out</td>
<td>2008-12-12</td>
<td>2010-03-30</td>
<td>2009-10-06</td>
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<tr>
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<tr>
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<td>4.380</td>
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<tr>
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</tbody>
</table>
HF160–06 Plot 1

row

date.out

months.f

i.adm

i.odm

i.afodm
HF160–06 Plot 3