

Dataset `dgl_seedling_counts.csv`

Metadata

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Background

- Region: Federal States of Lower Saxony and Saxony-Anhalt, Northwest Germany
- Period of data collection: October, 2019 - March, 2020
- Species: Douglas fir (*Pseudotsuga menziesii* (Mirb.) Franco)
- Regeneration method: Direct seeding under shelter (no natural regeneration)
- Varying provenances of seeds (locally recommended)
- 28 randomly selected stands
- Stand sizes: 0.36 – 2.74 ha
- 50 systematically placed 4 m counting strips / ha

Structure

- 1 807 measurements
- 5 variables
- Coding of missing measurements: There are no missing measurements.

| Name | Description | Class | Unit |
|--------------------------------|-----------------------------|-----------|--|
| <code>count_4m</code> | Abs. frequency of seedlings | Numeric | No. / 4 m counting strip |
| <code>stand_ID</code> | Stand identifier | Character | - |
| <code>seeding_age_y</code> | Time since seeding | Numeric | Years |
| <code>seed_amount_kg_ha</code> | Amount of seeds | Numeric | kg / ha |
| <code>stocking_degree</code> | Stocking | Numeric | Basal area of shelter in relation to reference stand |

Usage In R¹:

```
df <- read.csv(file = "dgl_seedling_counts.csv")
```

¹R Core Team (2020). R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria. URL <https://www.R-project.org/>.