Forest CoverType

Task Type

classification

Sources

Donor

```
Jock A. Blackard
USDA Forest Service
3825 E. Mulberry
Fort Collins, CO  80524  USA
```
jblackard/wo_ftcol@fs.fed.us

```
Dr. Denis J. Dean
Associate Professor
Department of Forest Sciences
Colorado State University
Fort Collins, CO  80523  USA
```
denis@cnr.colostate.edu

```
Dr. Charles W. Anderson
Associate Professor
Department of Computer Science
Colorado State University
Fort Collins, CO  80523  USA
```
anderson@cs.colostate.edu

Date Donated: August 28, 1998

Problem Description

Predicting forest cover type from cartographic variables only (no remotely sensed data).

Results

Blackard, Jock A. 1998. "Comparison of Neural Networks and Discriminant Analysis in Predicting Forest Cover Types." Ph.D. dissertation. Department of Forest Sciences. Colorado State University. Fort Collins, Colorado.

Classification performance with first 11,340 records used for training data, next 3,780 records used for validation data, and last 565,892 records used for testing data subset: -- 70% backpropagation -- 58% Linear Discriminant Analysis

References and Further Information

WizWhy classification analysis of this data set.

The UCI KDD Archive
Information and Computer Science
University of California, Irvine
Irvine, CA 92697-3425
Last modified: June 30, 1999