

Preprocessing Result #35 — Analysis Report

Generated 2026-09-21 02:36:25 · 1 run(s) · CAT-G Data Analyzer

1. preprocessing (#35)

2026-09-21 02:12:55 · preprocessing · status: completed

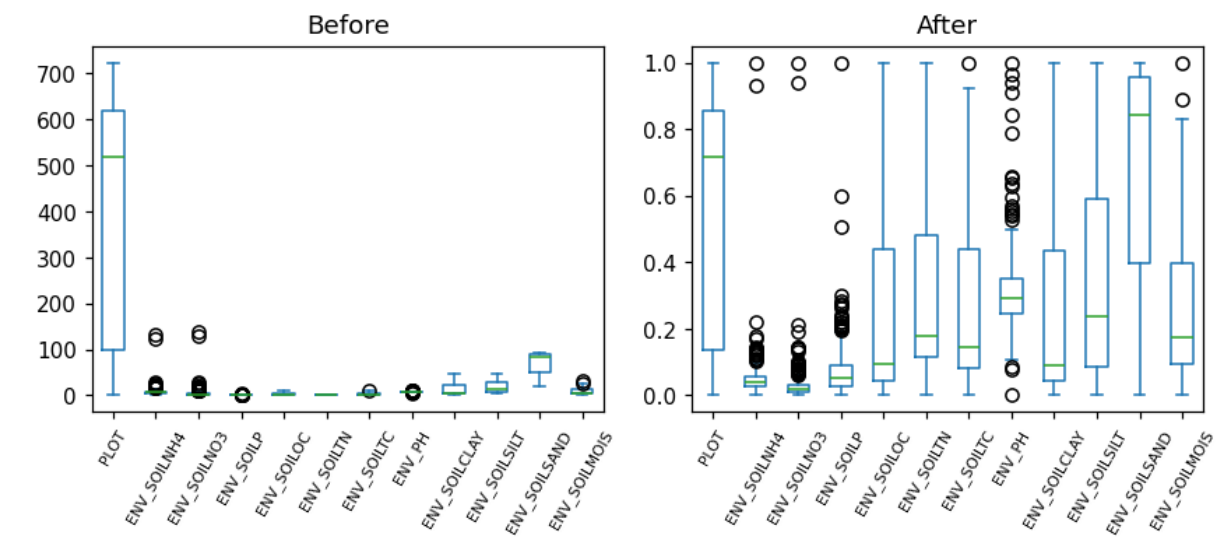
Preprocessing transformed the dataset from 393 rows to 393 rows with 33 output features.

n_rows_in	393
n_rows_out	393
n_features_out	33
target_col	PC_SHOOTMASS
derived_dataset_id	695

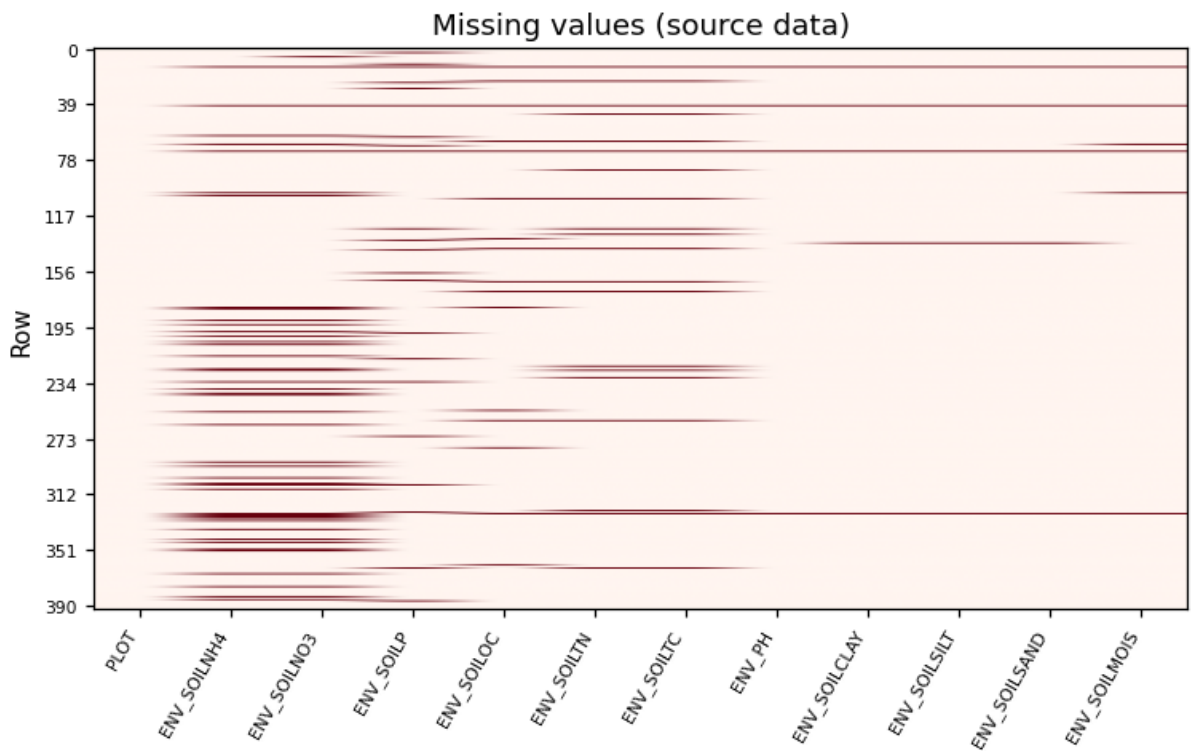
outlier report

name	value
method	iqr
handling	flag
n_outliers_detected	17
n_original	393
min_cols_required	4
n_removed	0
timing	before_split

Preprocessing: before vs after



before after boxplot



missingness heatmap

Method & Provenance

method	Preprocessing
engine	Python · pandas/scikit-learn 3.0.3
datasets	gallery — catg_example_01_forage_biomass.csv
started	2026-09-21 02:12:55.894015
permanent link	https://cat-g-omxpert.wishartlab.com/results/by-token/3496fe33b6fd47cc9409f0c0d5edb

Parameter	Value
normalization	{'method': 'min-max'}
outlier_handling	{'method': 'iqr', 'handling': 'flag', 'min_col_fraction': 0.1}
steps	missing_value_imputation → normalization → outlier_handling

Command history

```
# python
# app.services.preprocessing_service.PreprocessingService

# python
# step: missing_value_imputation

# python
# step: normalization

# python
# step: outlier_handling

# python
df_out = service.apply(df, steps=steps, params=params)
```