

Correlation Result #111 — Analysis Report

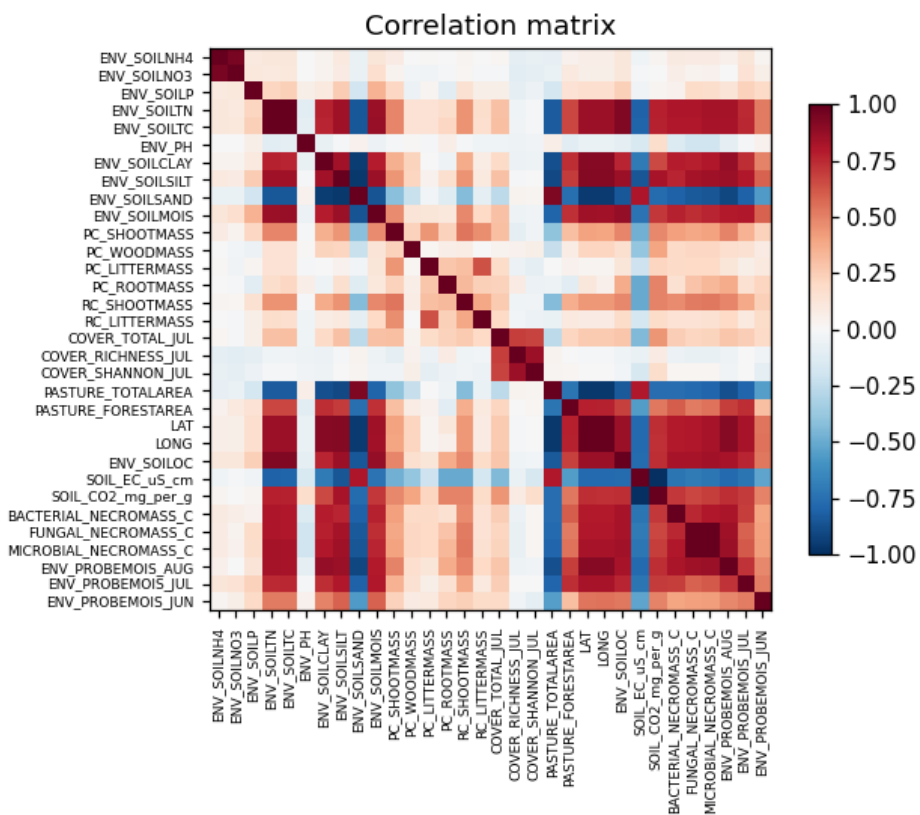
Generated 2026-09-21 02:37:34 · 1 run(s) · CAT-G Data Analyzer

1. correlation (#111)

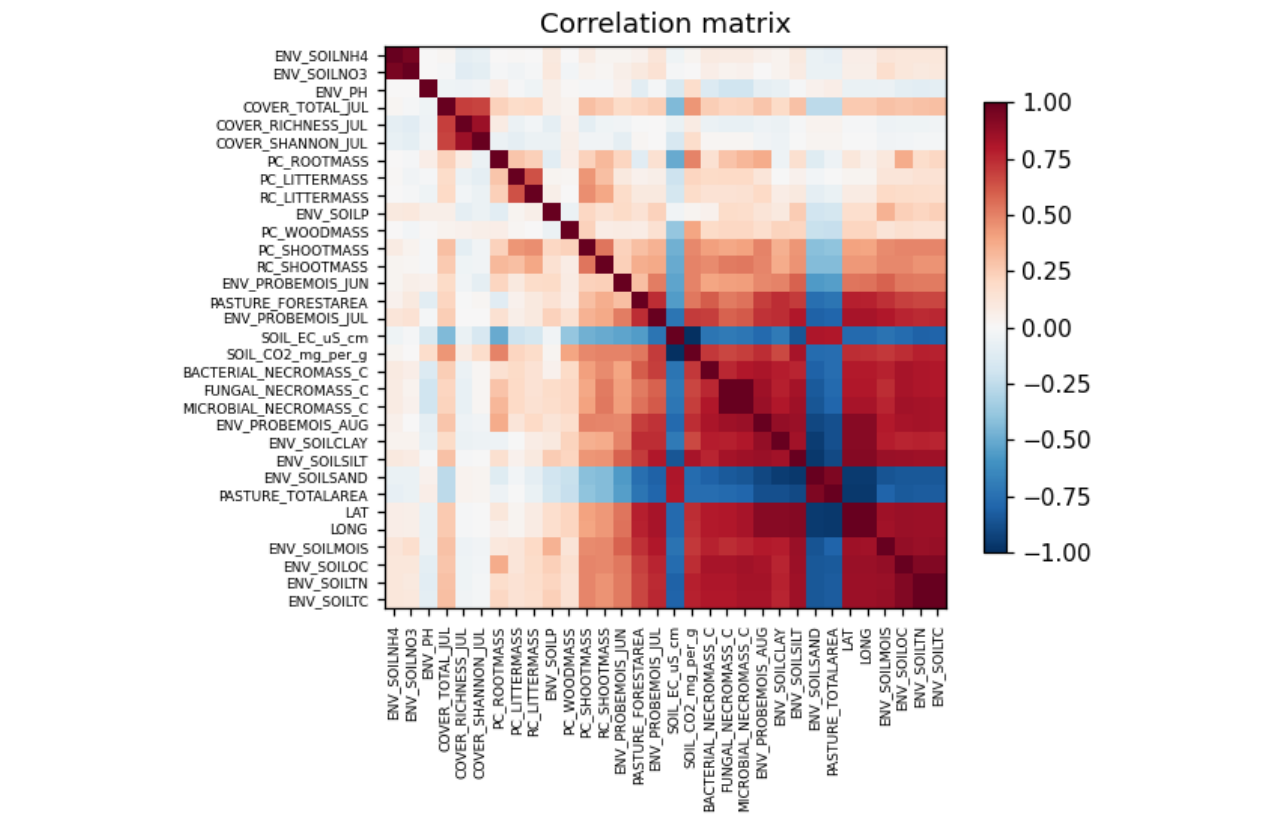
2026-09-21 02:15:35 · correlation · status: completed

The strongest correlation is between LAT and LONG ($r = 0.999$, positive).

n_pairs_tested	496
n_significant_fdr_05	297
fdr_method	Benjamini-Hochberg
title	Correlation matrix



correlation heatmap



correlation clustered

Warnings

- Excluded identifier-like numeric column(s): PLOT. These look like bookkeeping fields rather than measurements and were left out of the correlation matrix.

Method & Provenance

method	Pearson correlation
engine	Python · pandas/scipy 1.17.1
datasets	gallery — catg_example_06_soil_carbon_credits.csv
started	2026-09-21 02:15:35.224408
permanent link	https://cat-g-omxpert.wishartlab.com/results/by-token/67a240894fb1422c9e923022c7c2

Parameter	Value
method	pearson

Command history

```
# python
corr = df.corr(method='pearson')

# python
from scipy import stats

# python
r, p = stats.pearsonr(x, y) # per pair

# python
q = statsmodels.stats.multitest.multipletests(p_values, method='fdr_bh')
```