

Ordination Result #56 — Analysis Report

Generated 2026-09-21 02:39:21 · 1 run(s) · CAT-G Data Analyzer

1. ordination (#56)

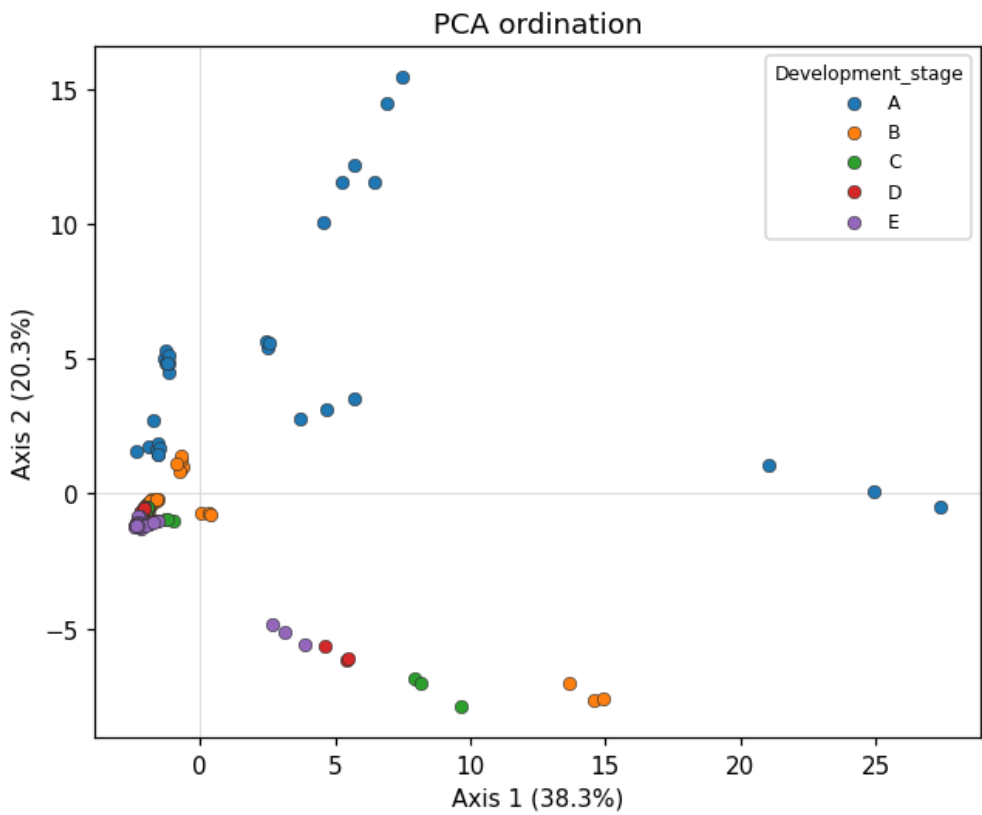
2026-09-21 02:18:08 · ordination · status: completed

The first two PCA axes capture 58.6% of the total variance in the data.

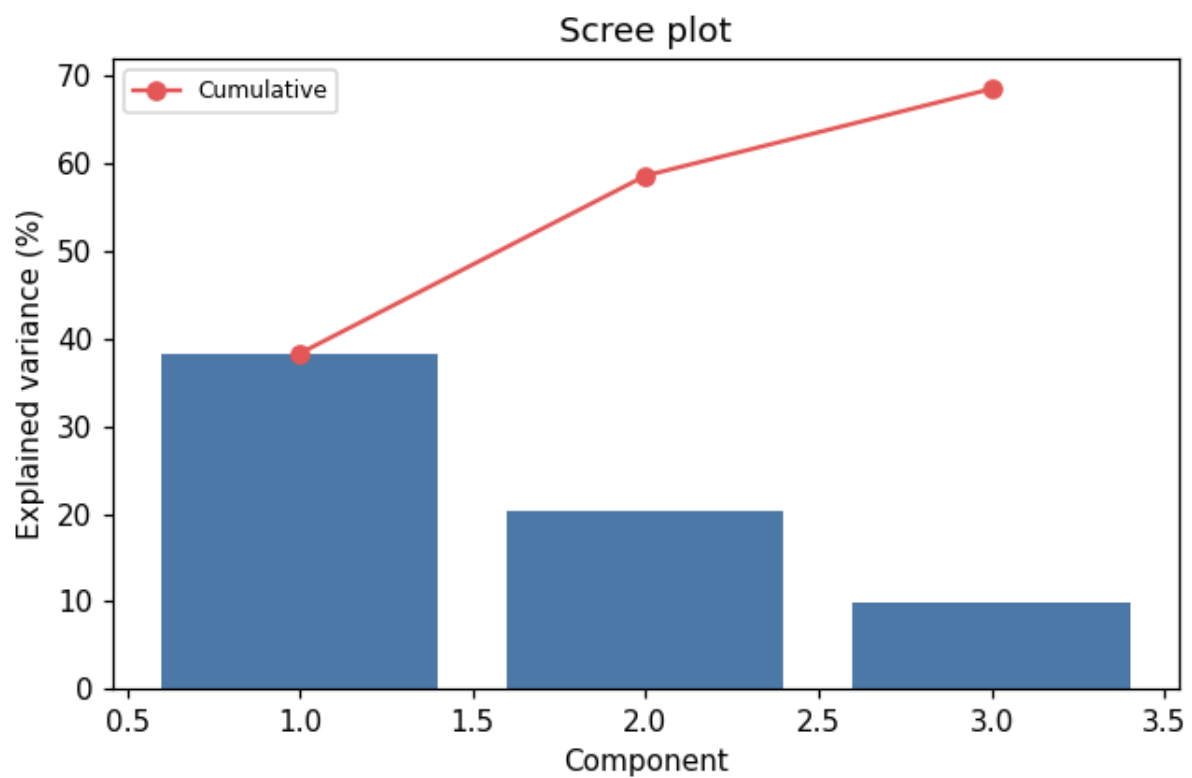
n_components	3
method	pca
n_rows	149
n_dropped	0
color_col	Development_stage

explained variance

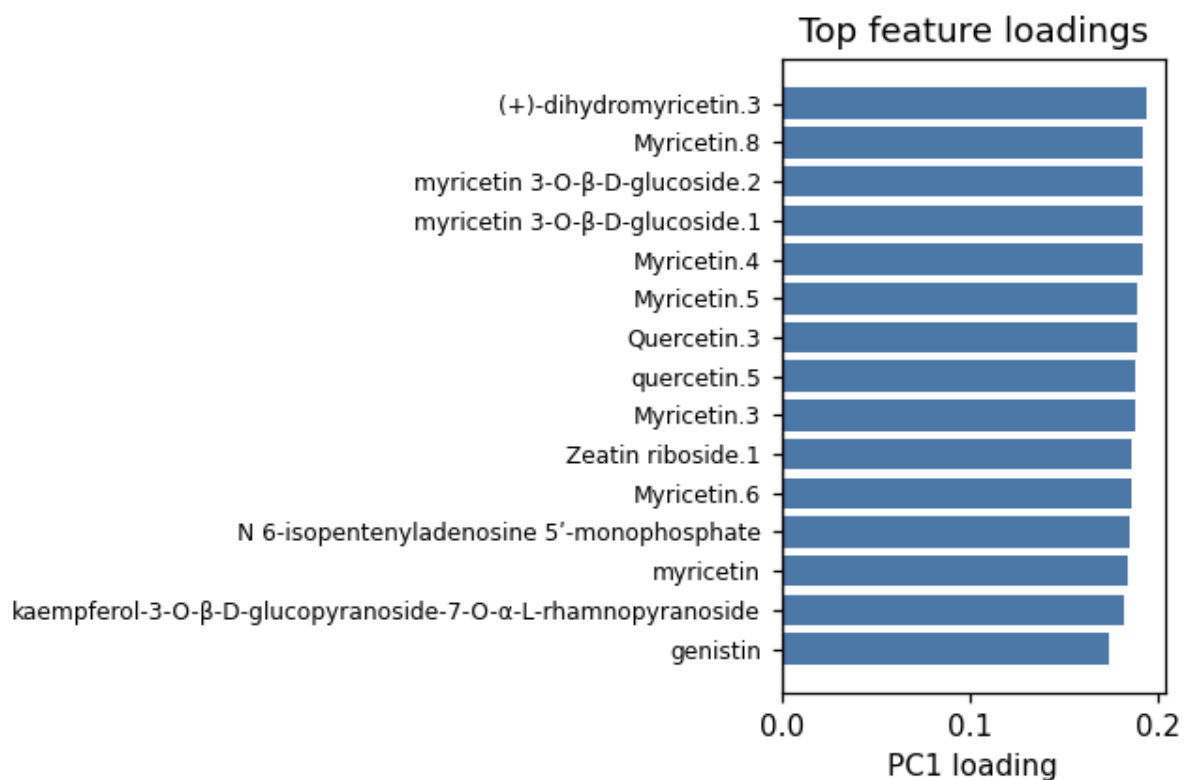
Axis	Fraction	Cumulative
Axis 1	0.38323	0.38323
Axis 2	0.203001	0.586231
Axis 3	0.099128	0.68536



ordination scatter



scree



loadings

Method & Provenance

method	Ordination — PCA
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engine	Python · scikit-learn 1.8.0
datasets	gallery — cat_g_metabolomics_subset.csv
started	2026-09-21 02:18:08.066263
permanent link	https://cat-g-omxpert.wishartlab.com/results/by-token/5b04a18a889d41b2a78dc32205a

Value
pca
pca
droxyjasmonoyl-L-isoleucine.20, (Z)-ω-(methylsulfanyl)nonyl-thiohydroximate, epoxypheophorbide a.3, (+)-7-epi-12-oxojasmonoyl-L-iso
3
Development_stage

Command history

```
# python
from sklearn.decomposition import PCA

# python
from sklearn.preprocessing import StandardScaler

# python
X_scaled = StandardScaler().fit_transform(X)

# python
coords = PCA(n_components=3).fit_transform(X_scaled)
```