

Multomics Result Result #87 — Analysis Report

Generated 2026-09-21 02:39:07 · 1 run(s) · CAT-G Data Analyzer

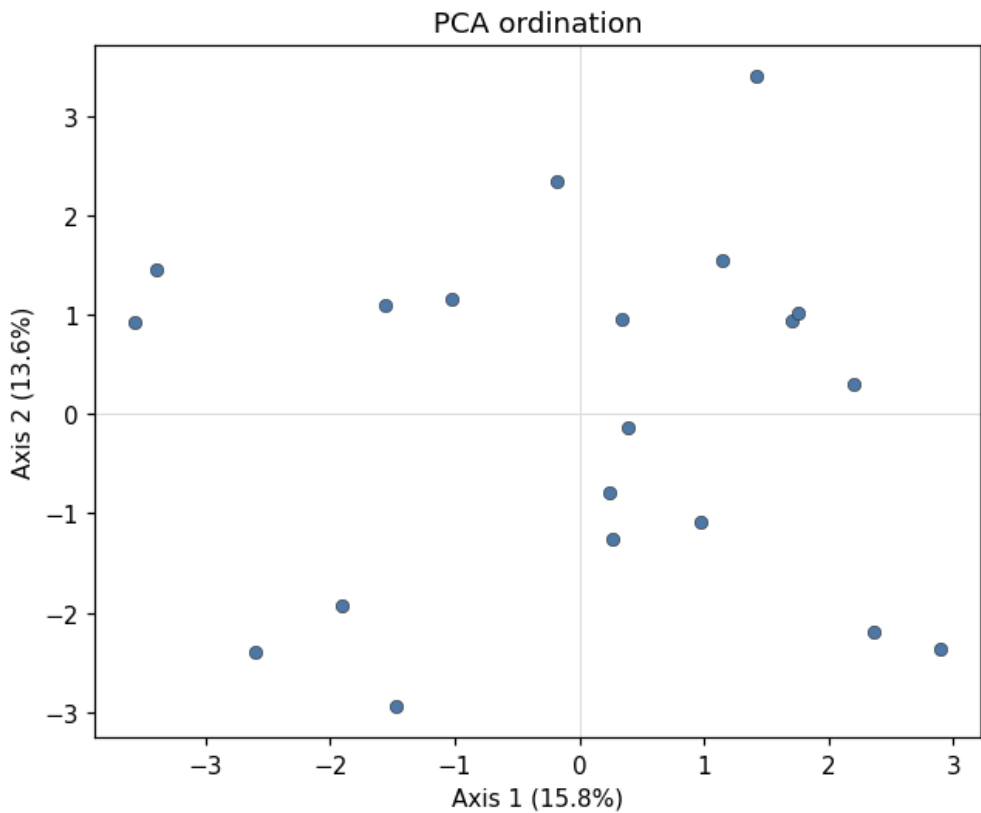
1. pca (#87)

2026-09-21 02:18:19 · multiomics_result · status: completed

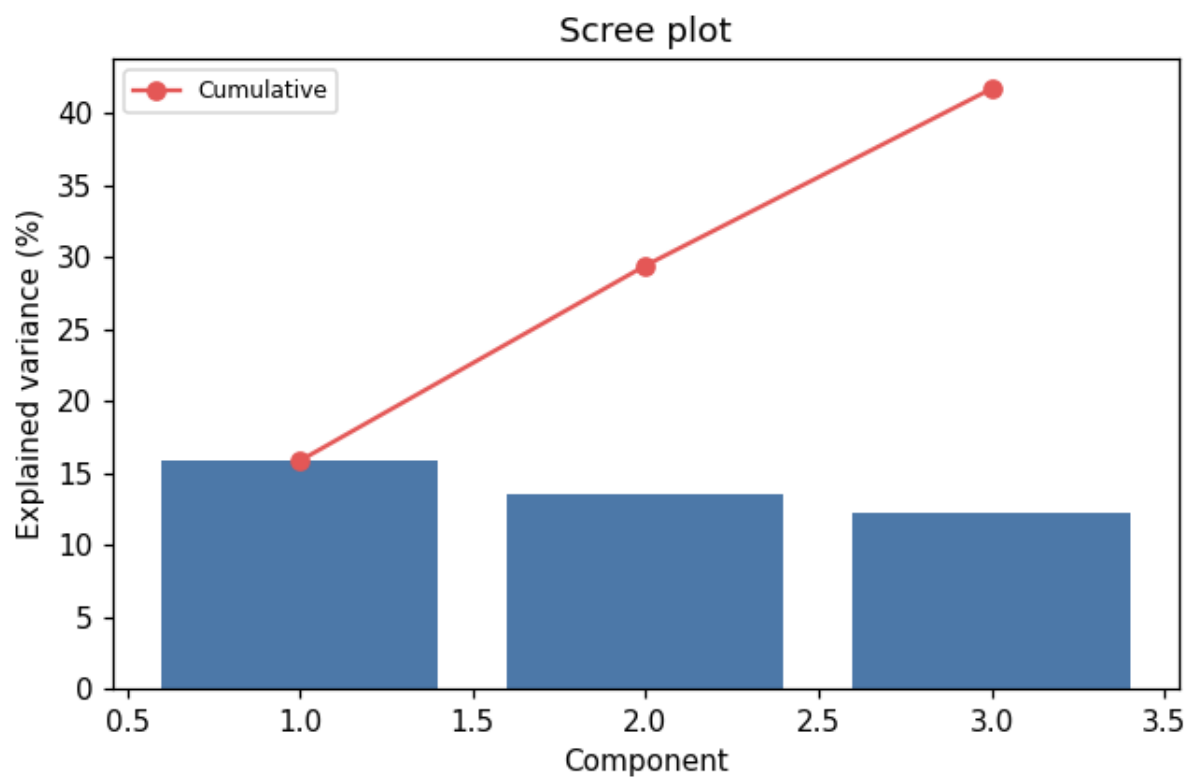
The first two PCs capture 29.4% of the combined multi-omics variance.

explained variance

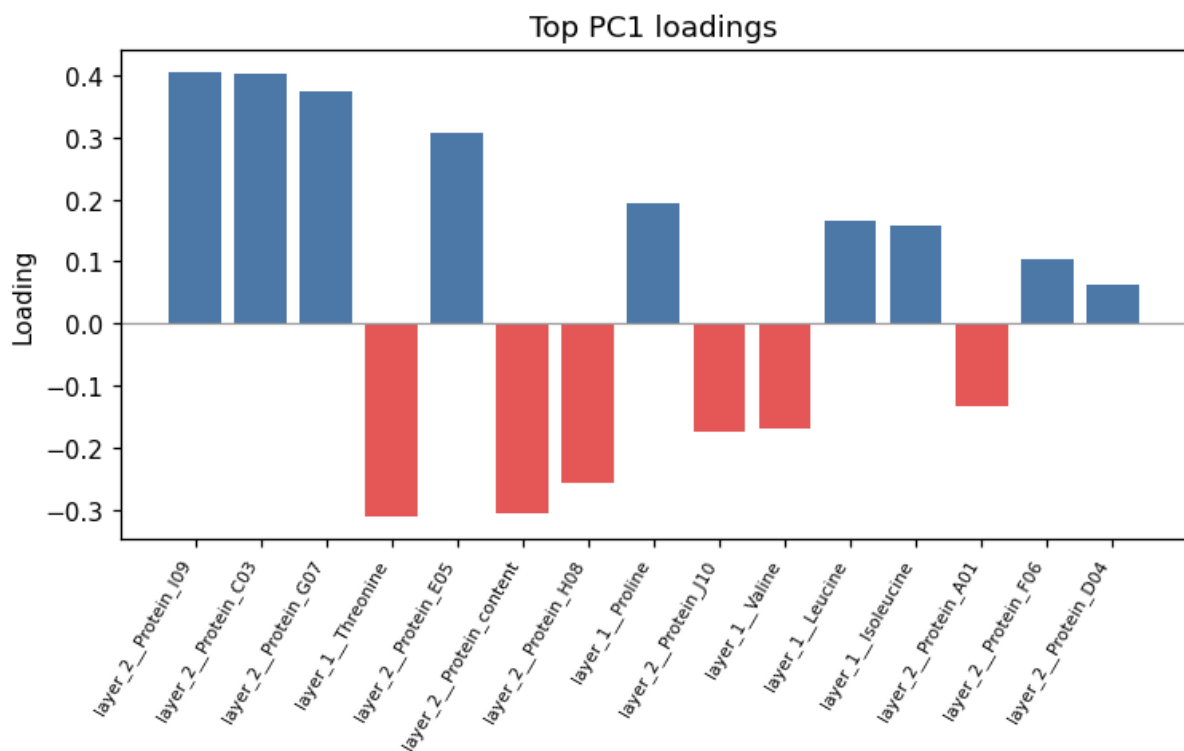
Component	Fraction	Cumulative
PC1	0.158399	0.158399
PC2	0.135564	0.293964
PC3	0.122593	0.416557



multiomics pca scatter



multiomics pca scree



pca loadings bar

Method & Provenance

method	Multi-omics — PCA
engine	Python · scikit-learn (PCA) 1.8.0

datasets	gallery — example_metabolomics.csv
started	2026-09-21 02:18:19.384288
permanent link	https://cat-g-omxpert.wishartlab.com/multiomics/results/by-token/cf33b3a5a2614cd2b55

Parameter	Value
dataset_ids	—
pipeline_type	pca

Command history

```
# python
from sklearn.decomposition import PCA

# python
coords = PCA(n_components=2).fit_transform(X)
```