

Feature Selection Result #160 — Analysis Report

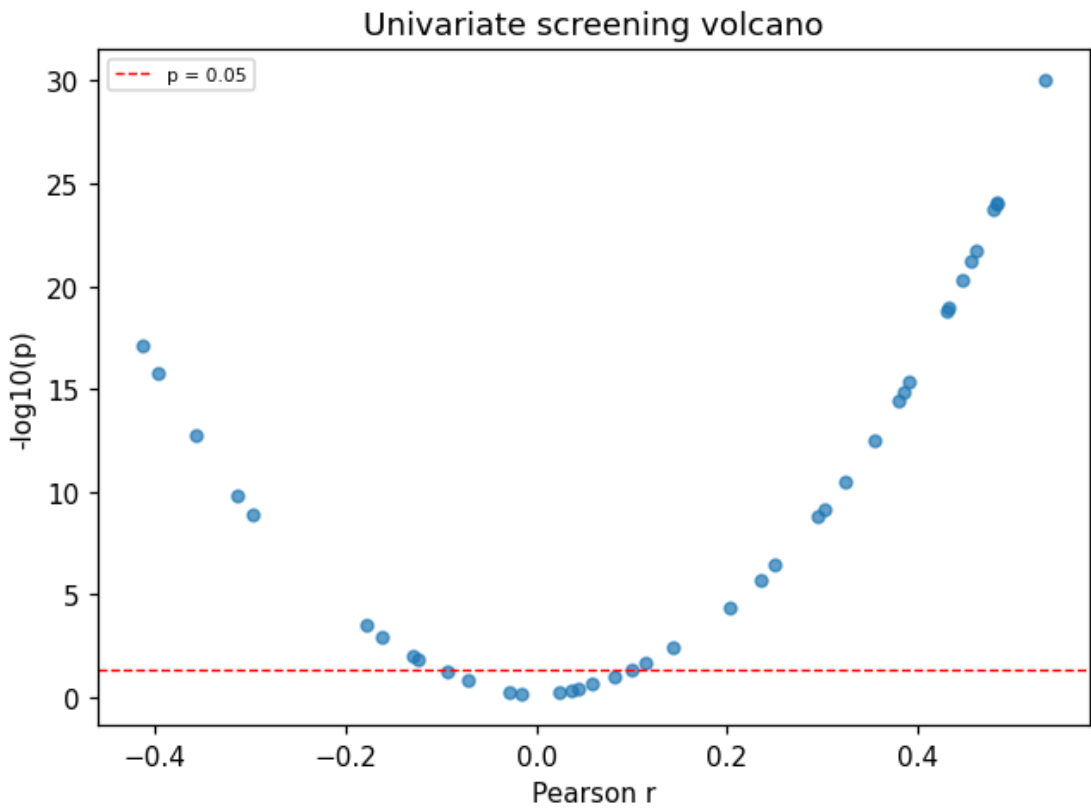
Generated 2026-09-21 02:36:12 · 1 run(s) · CAT-G Data Analyzer

1. univariate screening (#160)

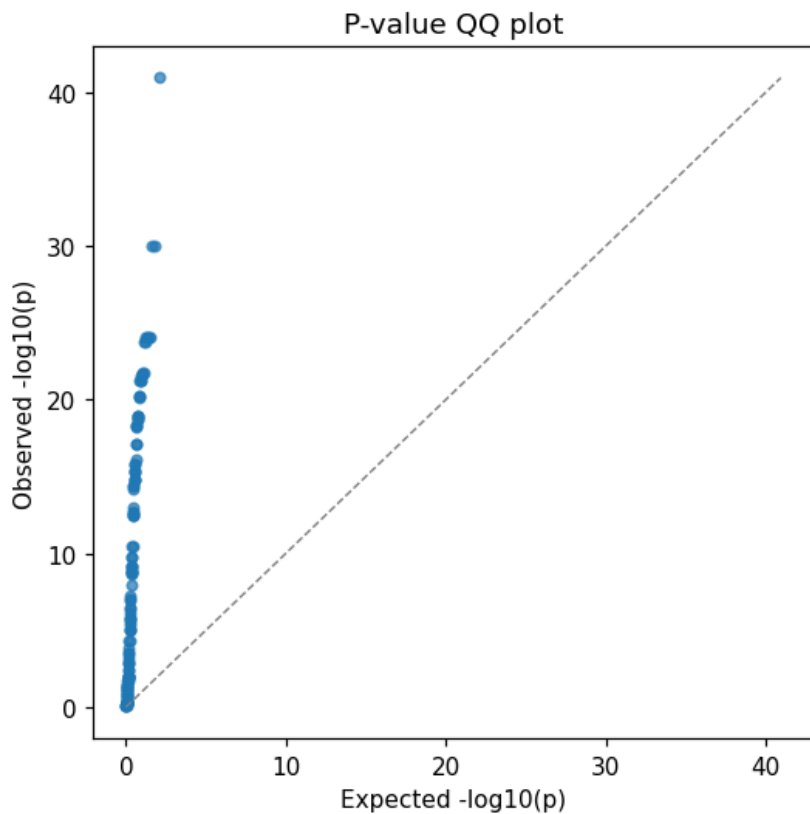
2026-09-21 02:12:36 · feature_selection · status: completed

35 feature(s) passed the screen.

task_type	regression
n_samples	400
n_features	40
target_column	PC_SHOOTMASS



volcano



pvalue qq

Method & Provenance

method	Univariate feature screening
engine	Python · scikit-learn/scipy 1.8.0
datasets	gallery — cat_g_field_data_plots.csv
started	2026-09-21 02:12:36.563461
permanent link	https://cat-g-omxpert.wishartlab.com/results/by-token/ddc9cb78b42f4d9c87d80959e896

Parameter	Value
method	univariate_screening
target_col	PC_SHOOTMASS
fdr_threshold	0.05
derived_dataset_id	692

Command history

```
# python
from scipy import stats

# python
r, p = stats.pearsonr(x_feature, y_target)

# python
stat, p = stats.kruskal(*groups) # per feature

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