sklearn.feature_selection.f_classif

sklearn.feature_selection.**f_classif**(*X*, *y*) [source]

Compute the ANOVA F-value for the provided sample.

Read more in the User Guide.

Parameters:

X : *{array-like, sparse matrix} shape = [n_samples, n_features]*
The set of regressors that will be tested sequentially.

y : *array of shape(n_samples)*
The data matrix.

Returns:

F : *array, shape = [n_features,]*
The set of F values.

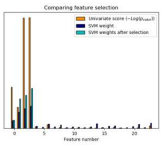
pval : *array, shape = [n_features,]*
The set of p-values.

See also:

`chi2`
Chi-squared stats of non-negative features for classification tasks.

`f_regression`
F-value between label/feature for regression tasks.

Examples using `sklearn.feature_selection.f_classif`



Univariate Feature Selection