sklearn.svm.libsvm.predict

» `sklearn.svm.libsvm.predict()`

Predict target values of X given a model (low-level method)

Parameters:

X : *array-like, dtype=float, size=[n_samples, n_features]*

svm_type : *{0, 1, 2, 3, 4}*

Type of SVM: C SVC, nu SVC, one class, epsilon SVR, nu SVR

kernel : *{'linear', 'rbf', 'poly', 'sigmoid', 'precomputed'}*

Type of kernel.

degree : *int*

Degree of the polynomial kernel.

gamma : *float*

Gamma parameter in rbf, poly and sigmoid kernels. Ignored by other kernels. 0.1 by default.

coef0 : *float*

Independent parameter in poly/sigmoid kernel.

Returns:

dec_values : *array*

predicted values.