Grid list – Feature-based Classifiers

Logistic regression:

Parameter	Values
C	[0.1, 1.0, 5.0, 10.0],
L1_ratio	[0.1, 0.2, 0.5, 0.8,],
Class weight	[None, "balanced"],

Support Vector Classifier

Parameter	Values
Kernel	[“linear”, “rbf],
C	[0.1, 1.0, 10.0, 100.0],
Gamma	["scale", "auto"],
Class weight	[None, "balanced"],

KNN

Parameter	Values
N neighbors	[3, 5, 7, 9, 11],
Weights	["uniform", "distance"],
p	[1, 2],

Random Forest:

Parameter	Values
N estimators	[25, 50, 100,200],
Max depth	[None, 10, 100, 200],
Max features	["sqrt", "log2"],
Class weight	[None, "balanced"],

Gradient Boosting

Parameter	Values
N estimators	[25, 50, 100,200],
Learning rate	[0.01, 0.1, 0.2],
Max depth	[3, 5, 7],
Max features	[None"sqrt", "log2"],

Grid list – Time-Series-Based Classifiers

Rocket/MultiRocket/MiniRocket

Parameter	Values

Inputs	[0], [1], [2], [0, 1], [0, 2], [1, 2],[0, 1, 2]
N kernels	[1000, 2500, 5000, 10000],
Class weight	[None, "balanced"],

KNN

Parameter	Values
Inputs	[0], [1], [2], [0, 1], [0, 2], [1, 2],[0, 1, 2]
N neighbors	[3, 5, 7, 9, 11],
Weights	["uniform", "distance"],

TimeSeriesForestClassifier

Parameter	Values
Inputs	[0], [1], [2], [0, 1], [0, 2], [1, 2],[0, 1, 2]
N estimators	[50, 100, 200],
Min interval length	[3, 5, 10],