Abstract

Existing data on real world cases sometimes have many features that are not required.It can disrupt the process of extracting information from raw data. All of feature that is not important needs to be removed to improve the quality of the data mining output. Feature selection using Fuzzy Support Vector Machine method is a wrapper type feature selection where feature selection performed in conjunction with the modeling and evaluation of features based on classification rates generated by the classifier, Fuzzy Support Vector Machine. To get the maximum result of feature selection, it is necessary to do the proper selection of parameters for Fuzzy Support Vector Machine, the better the parameters of the feature selection results will also directly proportional to the better classification results.

Keywords : feature selection, Fuzzy, wrapper feature selection,SVM