

## KNOWLEDGE EXTRACTION based on **EVOLUTIONARY** LEARNING

KEEL-dataset - data set description









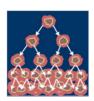






## Wisconsin (Imbalanced) data set

- Description
- · Files and additional references



# Description

This section describes main characteristics of the wisconsin data set and its attributes:

#### **General information**

Wisconsin (Imbalanced) data set			
Туре	Imbalanced	Origin	Real world
Features	9	(Real / Integer / Nominal)	(0 / 9 / 0)
Instances	683	IR	1.86
% Positive instances	34.97	% Negative instances	65.03
Missing values?	No		

### **Attribute description**

Attribute	Domain	
ClumpThickness	[1, 10]	
CellSize	[1, 10]	
CellShape	[1, 10]	
MarginalAdhesion	[1, 10]	
EpithelialSize	[1, 10]	
BareNuclei	[1, 10]	
BlandChromatin	[1, 10]	
NormalNucleoli	[1, 10]	
Mitoses	[1, 10]	
Class	{positive,negative}	

#### **Additional information**

A imbalanced version of the Wisconsin data set, where the classes has been renamed to positive and negative. Moreover, instances with missing values have been removed.

## Files and additional references

In this section you can download some files related to the wisconsin data set:

- The **complete data set** already formatted in KEEL format can be downloaded from here **1**.
- A copy of the data set already partitioned by means of a 5-folds cross validation procedure can be downloaded from here.

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About the Webmaster Team



