It is a file composed by a structure for each variable.

The variables defined in this file must have the same name as the variables that we want to encode. The relationship between them is given by name.

Each structure consists of:

< Variable Name >.Classes: Number of classes (Numerical value)

< Variable Name >.Algoritme: Algorithm to be applied (String)

The algorithms implemented are:

'SL': Single Linkage

‘CL': Complete Linkage

'SA': Simple Average Linkage

'AV': Average Linkage

'CE': Centroid Linkage

'ME': Median Linkage

'WA': Ward Linkage

'FM': Flexive Method : Parameters => (1)

'EFP': Equal Frequency Intervals

'EQ\_WIDTH': Equal Width Intervals

'K\_MEANS': K\_Means algorithm : Parameters => (1)

'HCM': Hard C\_Means : Parameters => (2)

'FCM': Fuzzy C\_Means : Parameters => (3)

'EEFP': Enhanced Equal Frequency Intervals : Parameters => (2)

‘MAN’: Manual. Llindars preestablerts: Parameters => (1)

< Variable Name >. Parametres: Algorithm parameters. They are defined as numeric values. If it has no parameters it should be set to zero. If it has more than one parameter, a vector of values should be defined.

Parameters:

'FM': Flexive Method => Beta

'K\_MEANS': K\_Means algorithm => Number of iterations

'HCM': Hard C\_Means =>

Param(1): Number of iterations;

Param(2) : Stopping

'FCM': Fuzzy C\_Means =>

Param(1): Exponent;

Param(2) : Number of iterations;

Param(3) : Stopping

'EEFP': Enhanced Equal Frequency Intervals =>

Param(1): % of equal data;

Param(2) : % threshold value (tolerance);

‘MAN’: Manual =>

Param (1): Matrix with the landmarks of each class

Example: Landmarks = [3.5 5; 5 7]

And then X.Parametres = Landmarks;;