NOTE: Once a configuration file .m is defined you need to load it into matlab and save it as a .mat file, because the automatic Visual-FIR reads it as .mat

**Classes** (char): Number of classes to be encoded for all the variables. If a codification file exists this parameter is ignored.

**Complexitat** (char): Complexity of a candidate mask

**FitxerCodif** (double): Binary parameter that indicates if a codification file exists or not

**FitxerEntradaEnt** (char): Filename that contains the training data set

**FitxerEntradaTest** (char): Filename that contains the test data set

**MasComp** (double): Binary parameter that indicates if you want to save the mask with higher complexity or not. Set to 0, the mask with higher quality is saved. Set to 1, the mask with the complexity defined in variable **ValMasComp** is saved

**ValMasComp** (char): Complexity of the mask that you want to save (unless you want to save the mask with higher complexity)

**NomFitxerCodif** (char): Filename that contains the codification of each variable. It is only used if the parameter **FitxerCodif** is set to 1

**NomFitxerSor** (char): Filename where the results will be saved

**Profunditat** (char): Depth of the mask

**VGabs\_weight** (double): Global variable abs\_weight

**VGconfi** (double): Variable global confi

**VGdef** (double): Global variable def

**VGdistance** (double): Global variable distance

**VGenvol** (double): Global variable envol

**VGmemb\_shape** (double): Global variable memb\_shape

**VGmiss\_data** (double): Global variable miss\_data

**VGnorm\_reg** (double): Global variable norm\_reg

**VGqualms** (double): Global variable qualms

**VGrepo** (double): Global variable repo

**VGnVeins** (double): Global variable nVeins

**VariableSortida** (char) : Output variable name

**VariablesEntrada** (char) : Input variables list

**Parameters related to VisualBlockFIR**

**GenerarModel** (double): Binary parameter that indicates if it is necessary to generate the files for the VisualBlockFIR or not

**NomModel** (char): Filenames where the VisualBlockFIR models will be saved