1) Interface file : Interface.fig

|  |
| --- |
| untitled.bmp |

Name: "Travel.txt" , "Weather.txt","Iris.txt"

Category: if it is multiclass, input "MultiClass", if it is binary, input "Binary"

Decision: if it is multiclass, you do not need to input anything, however, if it is binary, you should input the positive decision. For example, for "Travel.txt", if you want "Buy" as positive, just input "Buy"; if you want "Not buy" as positive, just input "Not buy". For "Weather.txt", if you want "yes" as positive, just input "yes"; if you want "no" as positive, just input "no".

2) the output will be shown in command window.

3)In this package, it includes several files. " Binary.m" and "MultiClass.m" include source of CLIP4. The order of running is following.

"Interface.m" -> CLIP4 -> "Binary.m"OR "MultiClass.m".

4) There are also some other small functions.

"EliminateRedundantMatrices.m "exclude redundent node;" in.m" check whether vector in Matrix; "read.m" read dataset; "SolveSCProblem.m" get SOL from matrix.