Decision Tree: nagdmc_load_gini_tree

Purpose

nagdmc_load_gini_tree loads into memory a decision tree saved to a file by **nagdmc_gini_tree_save**.

Declaration

```
#include <nagdmc.h>
void nagdmc_load_gini_tree(long ncaty, const char fname[], long *iproot, int *info);
```

Parameters

1: **ncaty** – long   *Input*

   On entry: the number of categories on the dependent variable.

   Constraint: **ncaty** > 0.

2: **fname[]** – char   *Input*

   On entry: the file name from which the decision tree will be read.

3: **iproot** – long   *Output*

   On exit: the integer value of the memory location of the root node of the decision tree.

4: **info** – int *   *Output*

   On exit: **info** gives information on the success of the function call:

      0: the function successfully completed its task.

      1: the specification of **ncaty** was incorrect.

    70: the function was unable to open the file named **fname** for reading.

    99: the function failed to allocate enough memory.

   100: an internal error occurred during the execution of the function.

Notation

None.

Description

None.

References and Further Reading

None.

See Also

nagdmc_predict_gini_tree   computes predictions given the value of **iproot**.
gini_tree_ex.c   the example calling program.