

## Decision Tree: nagdmc\_save\_gini\_tree

### Purpose

**nagdmc\_save\_gini\_tree** saves a decision tree computed by **nagdmc\_gini\_tree** to a binary file.

### Declaration

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

### Parameters

- 1: **ncaty** – long *Input*  
*On entry:* the number of categories on the dependent variable.  
*Constraint:* ncaty > 0.
- 2: **iproot** – long *Input*  
*On entry:* the integer value of the root node of a decision tree as returned by **nagdmc\_gini\_tree**.
- 3: **fname[]** – char *Input*  
*On entry:* the file name into which the decision tree will be written.
- 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.
  - 71: the function was unable to open the file named **fname** for writing.
  - 100: an internal error occurred during the execution of the function.

### Notation

None.

### Description

None.

### References and Further Reading

None.

### See Also

[gini\\_tree\\_ex.c](#) the example calling program.