

NAG Library Function Document

nag_tsa_trans_free (g13bzc)

1 Purpose

nag_tsa_trans_free (g13bzc) frees the memory allocated by NAG functions to the transfer function model orders structure, type Nag_TransfOrder. This structure is used by some functions in Chapter g13.

2 Specification

```
#include <nag.h>
#include <nagg13.h>

void nag_tsa_trans_free (Nag_TransfOrder *transfv)
```

3 Description

The structure Nag_TransfOrder is used by some functions in Chapter g13. This structure is allocated memory by these functions during use.

nag_tsa_trans_free (g13bzc) is supplied to allow you to easily free the allocated memory and set the associated pointers to **NULL**.

Use of nag_tsa_trans_free (g13bzc) is not essential but is recommended if further calls are to be made using the structure **transf** and memory conservation is important.

4 References

None.

5 Arguments

- 1: **transfv** – Nag_TransfOrder * *Input/Output*
On entry: the transfer function model orders structure of type Nag_TransfOrder
On exit: the pointers with NAG allocated memory will have been freed and set to **NULL**.

6 Error Indicators and Warnings

None.

7 Accuracy

Not applicable.

8 Parallelism and Performance

nag_tsa_trans_free (g13bzc) is not threaded in any implementation.

9 Further Comments

None.

10 Example

See `nag_tsa_multi_inp_model_estim` (g13bec) and `nag_tsa_multi_inp_model_forecast` (g13bjc) for examples of how `nag_tsa_trans_free` (g13bzc) is used.
