

## 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_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 routines during use.

The function **nag\_tsa\_trans\_free** is supplied to allow the user to easily free the allocated memory and set the associated pointers to NULL.

Use of **nag\_tsa\_trans\_free** is not essential but is recommended if further calls are to be made using the structure **transf** and memory conservation is important.

### 4. Parameters

#### **transfv**

Input: the transfer function model orders structure of type **Nag\_TransfOrder**.

Output: pointers with NAG allocated memory will have been freed and set to NULL.

### 5. Error Indications and Warnings

None.

### 6. Further Comments

None.

### 7. See Also

**nag\_tsa\_multi\_inp\_model\_estim (g13bec)**  
**nag\_tsa\_multi\_inp\_model\_forecast (g13bjc)**  
**nag\_tsa\_transf\_orders (g13byc)**

### 8. 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** is used.

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