

## nag\_tsa\_free (g13xzc)

### 1. Purpose

**nag\_tsa\_free (g13xzc)** frees the memory allocated by NAG functions to the options structure, type **Nag\_G13\_Opt**. This structure is used by some functions in Chapter g13.

### 2. Specification

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

```
void nag_tsa_free(Nag_G13_Opt *options)
```

### 3. Description

The structure of type **Nag\_G13\_Opt** is used by some functions in Chapter g13. This structure is allocated memory by these routines during use.

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

Use of **nag\_tsa\_free** is not essential but is recommended if the calling program does not terminate shortly after calling the g13 time series functions and memory conservation is important.

### 4. Parameters

#### options

Input: the options structure, of type **Nag\_G13\_Opt**, used in a call to a NAG Time Series Analysis function.

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\_options\_init** (g13bxc)

### 8. Example

See **nag\_tsa\_multi\_inp\_model\_estim** (g13bec) and **nag\_tsa\_multi\_inp\_model\_forecast** (g13bjc) for examples of how **nag\_tsa\_free** is used.

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