NAG Library Function Document

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 functions during use.

nag_tsa_free (g13xzc) is supplied to allow you to easily free the allocated memory and set the associated pointers to **NULL**.

Use of nag_tsa_free (g13xzc) 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   References

None.

5   Arguments

1:    **options** − Nag_G13_Opt *   *Input/Output*

On entry: the options structure, of type Nag_G13_Opt, used in a call to a NAG Time Series Analysis function.

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

Not applicable.

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_free (g13xzc) is used.