

## NAG Library Chapter Contents

### g22 – Linear Model Specification

**Note:** please be advised that this chapter contains routines classed as ‘experimental’. Please see Section 3.1.1 in How to Use the NAG Library and its Documentation for further information.

g22 Chapter Introduction – a description of the Chapter and an overview of the algorithms available

<b>Function Name</b>	<b>Mark of Introduction</b>	<b>Purpose</b>
g22yac	26.1	nag_blgm_lm_formula Specify a linear model via a formula string
g22ybc	26.1	nag_blgm_lm_describe_data Describe a dataset
g22ycc	26.1	nag_blgm_lm_design_matrix Construct a design matrix from a linear model specified using nag_blgm_lm_formula (g22yac)
g22ydc	26.1	nag_blgm_lm_submodel Construct a vector indicating which columns of a design matrix to include in a submodel specified using nag_blgm_lm_formula (g22yac)
g22zac	26.1	nag_blgm_handle_free Destroy a G22 handle and deallocate all the memory used
g22zmc	26.1	nag_blgm_optset Option setting function for Chapter g22
g22znc	26.1	nag_blgm_optget Option getting function for Chapter g22

---