

NAG Library Chapter Contents

G04 – Analysis of Variance

G04 Chapter Introduction – a description of the Chapter and an overview of the algorithms available

Routine Name	Mark of Introduction	Purpose
g04agf	8	nagf_anova_hier2 Two-way analysis of variance, hierarchical classification, subgroups of unequal size
g04bbf	16	nagf_anova_random Analysis of variance, randomized block or completely randomized design, treatment means and standard errors
g04bcf	17	nagf_anova_rowcol Analysis of variance, general row and column design, treatment means and standard errors
g04caf	16	nagf_anova_factorial Analysis of variance, complete factorial design, treatment means and standard errors
g04daf	17	nagf_anova_contrasts Computes sum of squares for contrast between means
g04dbf	17	nagf_anova_confidence Computes confidence intervals for differences between means computed by g04bbf or g04bcf
g04eaf	17	nagf_anova_dummyvars Computes orthogonal polynomials or dummy variables for factor/classification variable
g04gaf	26.1	nagf_anova_icc Intraclass correlation (ICC) for assessing rater reliability
