

5. The General Linear Model

Multiple regression and analysis of variance are special cases of the general linear model. The general linear model is used for constructing F-tests by fitting restricted models. Applications to analysis of covariance and comparison of two regression models.

6. Correlations: Multiple, Partial and Multiple-Partial

Correlation matrix, multiple correlation coefficient, the multivariate normal distribution, partial correlation coefficient, F-tests $\tilde{\alpha} = \tilde{\beta}$
