G. K. Kanji (2006): 100 Statistical Tests

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R. Viertl

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This is a very valuable book for statisticians and users of statistics. It contains a remarkable number of statistical tests which are currently available and useful for practical purposes. First for every listed test its objective is described, then its limitations. After that the method is explained in detail and an example is given including the numerical calculation.

The book is structured as follows:

The introduction shortly explains the basic idea of a statistical test, followed by nine examples of particular test procedures. Then a list of all tests covered in the book is given as an overview, followed by a classification of the various procedures.

Then the 100 test procedures are presented in detail including a useful list of tables, followed by the tables themselves, which are used in the different statistical tests explained in the book. An index concludes the work. Some shortcomings: The references include only 26 items, one without year of publication. Some symbols are not explicitly defined. A new edition should also include statistical tests based on fuzzy data. Still, the book can be recommended to anyone who is interested in statistics.

R. Viertl (✉)
TU Wien, Wien, Austria
e-mail: R.Viertl@tuwien.ac.at