

Data Analysis System with Graphical Interface

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Abstract

The tcl/tk package is used to establish a user-friendly data analysis system with special emphasis on geochemical analysis data. The starting point was the Data Analysis System DAS which methods and many more ideas are collected in the system DAS+R. Robust methods are a central point.

We present a program report and examples with spatial geochemical data.

References

- J. Fox (2004). Getting Started with the R Commander: A Basic-statistics Graphical User Interface to R. *'useR 2004' Conference*, May 20-22, 2004, Vienna University of Technology, Austria.
- C. Reimann, M. Äyräs, V. Chekushin, I. Bogatyrev, R. Boyd, P. de Caritat, R. Dutter, T.E. Finne, J.H. Halleraker, Ø. Jæger, G. Kashulina, O. Lehto, H. Niskavaara, V. Pavlov, M.L. Räisänen, T. Strand, and T. Volden. (1998). *Environmental Geochemical Atlas of the Central Barents Region. Geological Survey of Norway (NGU), P.O. Box 3006, Lade, N-7002 Trondheim, Norway.*