

COMPARATIVE ANALYSIS OF THE APPLICATION SOFTWARE OF MULTIVARIATE ANALYSIS METHODS IN THE ECONOMY

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Abstract: *There are significant differences among the software packages for the application of multivariate analysis methods. Produces powerful software (SPSS, Minitab, Matlab, Statistica) comprise a huge number of finished the procedure, built-in functions and programming tools, which makes an impression that each of them can be equally well to respond to the various requirements of application of statistical methods. However, in terms of multivariate analysis methods it is possible that among them there are significant differences. The aim is to detect and analyze these differences.*

Comparison of software can be carried out using sophisticated techniques of decision making, which have a solid mathematical and statistical basis. He used to be a big problem to find an adequate software for the application of advanced statistical methods. Nowadays, it can be said, the situation is quite the opposite - in the world there is, as one author says "jungle software", which imposes the need for solving the second problem - how to choose the appropriate software.

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