

Workshop R Program for Multivariate Data Analysis

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ABSTRACT

The R program workshop for multivariate data analysis generally aims to provide knowledge and skills in data analysis using free-licensed statistics program. The purposes of this workshop are (1) giving experiences for practitioners about multivariate statistical data analysis, (2) giving experiences for practitioners about multivariate statistical data analyzing using R program.

The workshop was held on Friday, October 27, 2017. The workshop was attended by 44 participants consisting of B.Sc. and teachers who are also graduate students in the Mathematics Education, Yogyakarta State University. Trainers in this training were all teams. The methods which were used in the workshop were tutorial and practice in class.

Most of all participants never had experiences how to use R program in data analysis previously. According to observations in class, the participants showed high interests on following the workshop activities. The participants learned about some theories in the Principal Component Analysis and Factor Analysis along with analyzing data using R program and interpreting results.

Kata Kunci: statistics program, multivariate data analysis