## عنوان مقاله:

The Comparison of Two Multiple Testing Methods for Outliers Detection in Nonparametric Profile Monitoring

## محل انتشار:

## نویسندگان:

M. Rajabi - *Department of Statistics, Science and Research Branch, Islamic Azad University, Tehran, Iran*.

MR. Faridrohani - *Department of Statistics, Shahid Beheshti University, Tehran, Iran*.

## خلاصه مقاله:

Multiple testing is one of the methods to analyze such data. We apply multiple testing methods in profile monitoring. Profile monitoring is a relatively new method of quality control, which is best used when data processing is performed using curves or profiles within a given period. In this research, we introduce two multiple testing methods for outlier profile detection. We compare the performance of these two methods by simulations.

## کلمات کلیدی:

Local linear Kernel Smoothing, Multiple testing, Nonparametric Mixed-effects models, Parametric Bootstrap, Profile monitoring

## لینک ثابت مقاله در پایگاه سیویلیکا:

https://civilica.com/doc/1887008