

عنوان مقاله:

Considering the Outliers in Regression Analysis

محل انتشار:

اولین کنفرانس بین المللی بهینه سازی سیستم ها و مدیریت کسب و کار (سال: 1396)

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خلاصه مقاله:

In this paper, we concentrate the issues of powerful model determination and exception recognition in linear regression. Regression analysis is the most broadly utilized strategy for fitting models to data. The consequences of information examination in light of linear regressions are profoundly touchy to model decision and the presence of outliers in the data. To begin with, we talk about the issue of strong model determination. Numerous techniques for performing model determination were planned with the standard mistake model and minimum squares estimation as a top priority. At long last, we examine the issue of outlier detection. Notwithstanding model determination, exceptions can unfavorably impact numerous different results of relapse based information investigation. We portray another exception demonstrative instrument, which we call analytic information follows. This device can be utilized to identify outliers and study their impact on an assortment of relapse measurements. We exhibit our apparatus on a few data sets, which are considered benchmarks in the field of outlier detection.

کلمات کلیدی:

data mining, robust model, outlier detection, linear regression

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