

Rationality Testing of the Weights of Universities Ranking

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The rationality of methods and results in rating universities and colleges has been of top concern, particularly the rationality of indicators' weight concerned. Most of the current research has been grounded on qualitative analysis and as a result lack of theoretical and empirical evidence as they seldom provide criteria for evaluating the rationality of rating methods and results, thus the dissertation is determined to substantiate the above research area. Based on the internal quantitative relationship between evaluation indicators and evaluation outcomes of the universities and colleges ranking and by making use of the Proportional Odds Model, this paper presents a quantitative analytical method to test the rationality of the indicators' weight. By using the China's university ranking data published annually on the website(www.netbig.com) to carry out an empirical analysis, and thus provides criteria for testing the rationality of the indicator's weight.

Key Words: Ranking indicators' weight, Proportional Odds Logit Model , Empirical Study