

عنوان مقاله:

Comparing and ranking the performance of the teams operating in the Iranian Pro Football League using fuzzy Data Envelopment Analysis (DEA) Model

محل انتشار:

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خلاصه مقاله:

On the basis of the evidence currently available, it seems fair to say that football, or soccer, is the most popular sport in various parts of the world including Iran. Persian Gulf Pro League (PGPL) is a professional football league competition for clubs located at the highest level of the Iranian football league system. Current research utilizes DEA model to evaluate the performance of the clubs operating in PGPL 2010-2011. DEA is a nonparametric linear programming technique for estimating the efficiency of the units. This paper examines the relative efficiency of the teams in PGPL based on the relationship between their inputs and outputs. To do so, the input-oriented DEA model is initially used and after recognizing the efficient teams, Anderson-Peterson technique is also employed to rank these teams. At last, the final ranking of the teams in the tenth PGPL is obtained. The results suggest that Malavan, Zobahan and Mess show the most efficiency.

کلمات کلیدی:

Efficiency, Football Clubs, Data Envelopment Analysis, Fuzzy Theory, Pro League

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