

Multidimensional Ranking

Ashish Das

Department of Mathematics, Indian Institute of Technology Bombay

Abstract

Multidimensional Ranking is a comprehensive ranking based on more than one variables. The aim of Multidimensional ranking is to combine many different rank orderings on the same set of candidates or alternatives, in order to obtain a better and comprehensive ordering. It provides an aggregate or over-all measure by Multiple Criteria decision Making method or Data Integration method. We primarily discuss the TOPSIS and the Kemeny's method for rank aggregation. Some modifications in the techniques are also suggested.