

An effective total ranking model for a ranked voting system

Mehrdad Tamiz and Ali A. Foroughi

University of Portsmouth, UK.

Abstract

In this talk an effective model is proposed to rank candidates in a preferential election. It is an extension and simplified form of a recently proposed model for ranking efficient candidates. The model consists of fewer constraints and can be used for ranking inefficient as well as efficient candidates. Some techniques are introduced to decrease the complexity of the proposed model by obtaining some of the results by inspection.