

A fuzzy numbers approach for analyzing OECD well-being

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Abstract

The desire of human beings and the goal of government policy basically have a common point which is claimed as the well-being. However, the criteria heterogeneity between objective and subjective criteria causes difficulty in decision making. A fuzzy addition is thus proposed to give a vision on the significant information for the well-being. Empirically, the proposed approach applies dominance-based rough set approach on the wellbeing of Organization for Economic Co-operation and Development (OECD well-being) to disclose that the significant criteria for the top-ten nations are employment rate and life satisfaction

Keyword : well-being, multiple criteria decision making (MCDM), fuzzy numbers, Organization for Economic Co-operation and Development (OECD