

MULTICRITERIA ANALYSIS OF POVERTY: STUDY CASE

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Abstract.

From the poverty reduction point of view in the developing countries, the various economic approaches applied conjointly with the social justice theories revealed the complexity of poverty problematic. At present, the multicriteria and fuzzy characteristics of poverty are recognized. It is on these aspects that the traditional methods of poverty measurement and policies of fight against this plague stumble over. The fuzzy component has already been studying in our laboratory (LANIBIO), we specifically tackle the question according to the multicriteria point of view. Several multicriteria methods exist. We chose ELECTRE TRI for its specificity to carry out sorting within a population in order to operate on target group. ELECTRE TRI is very snuffed the more so as the method operates with respect to quantity, nature, units and inaccuracies inherent to recorded information. Fairly, we applied ELECTRE TRI to assign population in four social categories according to poverty. For illustration, the approach is used on "representative" sample of individuals living in a sector at Ouagadougou. The most convincing result is a help to the classification of poor people.

Keywords: Poverty, Multicriteria decision aid, Measure of poverty, ELECTRE method.

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