

SOCIOECONOMIC VARIABLES TO CLASSIFY AND PREDICT DEVELOPING AND DEVELOPED COUNTRIES

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ABSTRACT

This essay is oriented to analyze the relationship between some socioeconomic characteristics of developing and developed countries. If there is a socioeconomic development in a country when it is possible to fully satisfy the needs of a society, then the socioeconomic development can be viewed as the combination of economic and social changes of a population that makes it capable of raising its standard of living in a cumulative and lasting way, through the rational use of their own natural and human resources. We had been analyzing how some socioeconomic characteristics such as demographic population, crime rate, environmental degradation, corruption's perception level, foreign direct investment and gross domestic product (GDP) interrelate to affect the position of a state as developing or developed country. Our contribution is that we are presenting some significant socioeconomic factors ($p\text{-value} < 0.001$) to classify and predict via discriminant analysis its condition as developing or developed country.

Keywords: Population, crime rate, environmental degradation, corruption level, gross domestic product, developing and developed countries, discriminant analysis, software: SPSS.