

PERFORMANȚELE CAPITALULUI UMAN AL ȚĂRILOR UNIUNII EUROPENE PRIN METODA TOPSIS

HUMAN CAPITAL PERFORMANCE OF EUROPEAN UNION COUNTRIES BY TOPSIS METHOD

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Abstract: Human capital has become one of the most important factors explaining a country's economic growth after the emergence of endogenous growth theories. In this study, human capital performance of European Union Countries has been examined. A TOPSIS (Technique for Order Priority of Similarity by Information System) method that is based on Multi Criteria Decision Making (MDCM) approach has been applied for the comparison of countries in terms of human capital. Human capital has been represented by following criteria: Mortality rate, infant (per 1,000 live births), Life expectancy at birth, total (years), Health expenditure, total (% of GDP), Unemployment, total (% of total labor force), Labor force with tertiary education (% of total), Labor force participation rate, total (% of total population ages 15-64) and Internet users (per 100 people). After the analysis, it can be said that Sweden has the best performance on human capital and Bulgaria has the worst.

Keywords: Human Capital, Economic Growth, TOPSIS Method, Multi Criteria Decision Making Techniques, European Union Countries.