عنوان مقاله:

ACTIVITIES OF COMPANIES IN THE ISTANBUL STOCK EXCHANGE IN TERMS OF LIQUIDITY AND PROFITABILITY EVALUATION WITH DATA ENVELOPMENT ANALYSIS AND PANEL DATA TECHNIQUES

محل انتشار:

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خلاصه مقاله:

Taking into account of the activities of companies, the increasing competitive environment in today's conditions requires assessment. Recently, due to advances in computing and technology, to measure effectiveness is important for the companies operating in this sector, both national and international ones, in terms of their ability to compete and be successful. The financial evaluation in the Information Technology (IT) sector was measured by DEA, one of the most used techniques in the literature, which is based on the analyses of the ratio company effectiveness. Accordingly, IT sector companies in the Istanbul Stock Exchange (IMKB) that were active in between 2008-2011 in a three-month periods, the activities of firms were measured, taking liquidity ratios as input, and profitability ratios as output. Excel DEA solver were used for data collection, model analysis and resolution. The factors affecting the results of the activity of company's value and the level during the periods was shown by establishing a panel data model. Thus, it was found which factors affect their performance at the level the companies' stocks.

کلمات کلیدی:

Information Technology Sector, Data Envelopment Analysis, Panel Data analysis, Ratio Analysis

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