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**PERFORMANCE ANALYSIS WITH DATA ENVELOPMENT  
ANALYSIS ON TURKISH TEXTILE INDUSTRY**

**ABSTRACT**

Due to globalization, Textile Industry, which is a conventional branch of industry, should be open to changes and innovations for maintaining against the rapid improvements at the social and economic life. It is necessary to introduce the industry and also to analyze performance of the industry for carrying out these changes and innovations. With this point of view, performance of the Turkish Textile Industry is the main subject of this study.

Under the severe conditions of rivalry brought about by globalization, the purpose of this study is to analyze the performance of Turkish Textile Industry with applying Data Envelopment Analysis between 2003-2010 years. With the data on Turkish Textile Industry about 3 inputs and 1 output is obtained from database of Turkish Statistical Institute. This paper focuses on analyzing the performance by Data Envelopment Analysis method.

As a result of the findings about performance analysis, the performance of the Turkish Textile Industry between 2003-2010 years is mentioned and a couple of suggestions about how the performance of textile industry is improved.

**Key Words:**

Turkish Textile Industry, Performance, Data Envelopment Analysis, Malmquist Total Factor Productivity Index.