

## EVALUATION OF TECHNICAL EFFICIENCY OF THE INSURANCE MARKET IN VISEGRAD GROUP COUNTRIES

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**Abstract:** *The aim of the paper is to estimate the technical efficiency of Visegrad Group Countries using the Data Envelopment Analysis. We employed the Data Envelopment Analysis model, namely non-oriented Slack-Based Measure model with variable return to scale to measure the efficiency of insurance market in Visegrad countries within the period 2009-2016. The insurance market in Visegrad countries has changed during the last two decades. Stable and efficient insurance industry is important to efficient economy. Therefore, the analysis of efficiency of insurance companies is important topic. We found that the average efficiency of insurance market in Visegrad countries was around 65-80%. There were differences in individual insurance companies and individual insurance market. The most efficient was the insurance industry in Hungary and Poland and the least efficient in Slovakia. The development of efficiency was almost stable, the efficiency decrease in 2012 and 2014. The reason of inefficiency was decrease in premium written and net income and the high level of costs.*

**Keywords:** *Insurance sector; Visegrad Group countries; Technical efficiency; DEA.*

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