

MULTIPLE REGRESSION TOOL FOR CREDIT RISK MANAGEMENT

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ABSTRACT

In classical theory, the risk is limited to mathematical expectation of losses that can occur when choosing one of the possible variants. For banks, risk is represented as losses arising from the completion of one or another decision. Bank risk is a phenomenon that occurs during the activity of banking operations and that cause negative effects for those activities: deterioration of business or record bank losses affecting functionality. It can be caused by internal or external causes, generated by the competitive environment. The concept of risk can be defined as a commitment bearing the uncertainty due to the likelihood of gain or loss.

KEYWORDS: banking system, credit risk, multiple regression.

JEL CLASSIFICATION: G21, G32.

REFERENCES

- Codirlășu, A. & Chidesciuc, N. A. (2008). *Econometrie aplicată utilizând EViews 5.1*, Note de curs, București
- Gup, B. E. & Kolary, J. W. (2005). *Commercial banking: The management of risk*, Ed. Wiley
- Minton, B. A. & Williamson, R. W. (2005). *How much do banks use credit derivatives to reduce risk?*, National Bureau of Economic Research, Working Paper 11579, pp 12
- CFO Research Services Boston, (2010). *The Impact of Basel III in Europe. A supplement to Capital Management in Banking: Senior Executives on Capital, Risk, and Strategy*, Ernst & Young Bank Executive Series
- Van Greuning, H. (2009). *Analyzing Banking Risk – A framework for assessing corporate governance and financial risk management*, Editura The World Bank, Editia a III-a
- Dimitriu, M. & Oprea, I.A. (2009). Credit risk management in financial crisis – Review of International Comparative Management, Special Number 2/2009, ISSN 1582-3458, pp 987-994
- Dimitriu, M. & Oprea, I.A. (2010). *Modeling Credit Scoring*, Metalurgia International, Special Issue nr. 5 / 2010, ISSN, 1582-2214, pp 62-67
- Tudorel, A. & Bourbonnais, R. (2008). *Econometrie*, Ed. Economica, București.