

The author Adéla Mrázková analyzes several scoring models to address the problem of capturing the credit risk. Such analysis has been conducted from both a theoretical and an empirical point of view. In particular, the thesis presents and analyzes the general procedure to develop a scoring model and then proposes four scoring models: independence model, logistic regression, decision trees and neural network.

The author, in complete autonomy, implemented the algorithm of each model and performed a very extensive analysis and comparison between all of them. The work is based on real data provided by a private Czech company. Therefore, the author, despite the relative low support from the company side, had to face all the problems related to the analysis of very empirical information such as: missing data, incoherency between different observations, measures difficult to interpret and so on. She was able to face successfully all of them and she got nice results. Still, she was honest enough to highlight also the drawbacks of the implemented methods and for some of them she also suggests practical ways to solve the issues. I had a very limited impact on the choice of the models: indeed, the very extensive analysis provided by the author proves her curiosity and the strong motivation to develop a very good thesis.

To conclude, I am extremely satisfied of the work performed by Adéla Mrázková, I think that her commitment and diligence turned out in a very good thesis. The results she obtained could be very helpful both for scholars, to investigate new issues related to the scoring models, and for practitioners, thanks to the rich results collected.