

CONTENTS

Part I.

Adamko Peter, Švábová Lucia

Prediction of the risk of bankruptcy of Slovak companies 15

Albornoz Arias Neida Coromoto, Vázquez de la Torre M^a Genoveva Millán, Romero Virginia Navajas, Rojas Ricardo Hernandez

Weak market in the US Efficiency Period 2000-2009 21

Balcerzak Adam P., Faldziński Marcin, Meluzín Tomáš, Pietrzak Michał Bernard, Zinecker Marek

Interdependence among Capital Markets of Germany, Poland and Baltic States. Application of DCC-GARCH Model 28

Bartošová Viera, Berzáková Viera

Slovak Accounting Legislation: a Basic Framework for Predictive Financial Models 37

Bartošová Viera, Král' Pavol

Predictive models from the point of view of current business accounting legislation in the Slovak Republic 45

Baštincová Anna, Tumpach Miloš

Tax Risk in Financial Management of Enterprises in the Slovak Republic 53

Bilíková Mária, Mihalechová Jana, Sakálová Katarína

Adequacy test for longevity risk reserves for a portfolio of model annuities from Pillar II of the Slovak pension system 61

Błach Joanna

Conflicts of interest and their consequences for financial management and risk in a company 69

Bobek Michal

Agency theory and the audit engagement 78

Bod'a Martin

The S & P dimensions in the SCP paradigm: the case of Slovak insurance companies 87

Bod'a Martin, Úradníček Vladimír

Financial risk and financial condition of Slovak forestry and logging enterprises 97

Bokšová Jiřina, Horák Josef

Reporting of investments in commercial insurance companies after the amendment of the Act on Accounting in 2016 in the Czech Republic 106

Borovcová Martina Insurance Market Assessment in the Czech Republic	114
Butek Michal Relocation as the answer to weakening of social structures in the globalisation	123
Černá Dana Wavelet methods for pricing European options	129
Čížek Petr Risk Management in Venture Capital Investment Process within Business Accelerators Owned by Private Corporations	137
Čulík Miroslav, Gurný Petr Valuation of Advanced Real Options	145
Daníšek Matušková Petra The Impact of Market Factor Changes on The Capital Requirements in Insurance Company	157
Domaracká Denisa, Hunyady Katarína Financial Statement Audit and Risk of Material Misstatement Formed by Fraud	166
Doś Anna Multi-criteria decision methods for financial management in SMEs	170
Dráb Tomáš, Florianová Hana Closet Indexing: the Case of Czechia	179
Drugdová Barbora The issue of the commercial insurance market and insurance of non-life risks	188
Fecenko Jozef, Pinda Martin Good-Risk/Bad-Risk Model in Automobile Insurance and its Generalization	195
Fendeková Eleonora Models of Regulation as Tool for Risk Elimination in Network Industries Markets Development	201
Foltyn-Zarychta Monika Uncertainty perception in evaluation of long term investments	208
Franek Jiří Comparison of TOPSIS, COPRAS, ARAS and WASPAS methods in performance evaluation using crisp and interval data	217

Gogola Ján Fitting standard claims by Generalized Linear Models	227
Gondzarova Barbora, Barosova Viera Selected methods of business diagnostics for managerial practice	235
González Nadia Natasha Reus, Vázquez de la Torre Genoveva Millán, González Tania Reus, García José Alejandro Mendoza, Aguirre Raudel Cruz, Romero Virginia Navajas, Rojas Ricardo Hernández Comparative analysis on the importance of the expenses that is given to the students the Economic-Administrative Area, Mexico – Spain	242
Grofčíková Janka The use of financial analysis indicators for the monitoring of company financial situation and elimination of financial risk	248
Guo Haochen Analyzing Hedging Exchange Rate Risk in Gold Market	256
Gurný Petr Optimization of Deliveries within BM under the Non-uniform Consumption's Assumption	263
Gurný Petr, Brišová Marlene Verification of the Selected Bankruptcy Models' Prediction Power: Case of Czech Republic	268
Hiadlovský Vladimír, Gundová Petra, Rybovičová Ivana, Vinczeová Miroslava Management of the liquidity risk in businesses operating in the tourism industry	277
Hodula Martin, Melecky Ales Monetary policy, indebtedness and debt service costs	285
Holčapek Michal, Števuliáková Petra, Perflieva Irina F-transform Method for Option Pricing	291
Horák Josef, Bokšová Jiřina Business risks connected with Industry 4.0	300
Horáková Galina Estimation of IBNR reserves with the help of a random shift	307
Hornická Renáta Accounting measurement of the acquired assets and assumed liabilities in the business combination	315
Hozman Jiří, Tichý Tomáš DG solver for one-factor and two-factor Black-Scholes models	323

Hunyady Katarína, Domaracká Denisa

The risk factors of the phrase true and fair view of the facts in accounting versus European Regulation 2013/34/EU and Slovak accounting legislation 333

Chmelíková Barbora, Svoboda Martin

An Empirical Study: Financial Literacy of Students of Law in the Czech Republic 339

Chytilová Lucie

Banking efficiency in the Visegrad Group according to Data Envelopment Analysis with the risk component 345

Jakubíková Hana

The profit or loss reported in the consolidated financial statements of public administration accounting entities of the Slovak Republic 351

Jančurová Věra

The behavioral study: adjustment and anchoring & mental accounting in general economic decisions 359

Jančurová Věra, Rakovská Zuzana

The Analyzes of Model of Investment Decision Making 365

Jochec Marek, Dvořáčková Hana

Evaluation of the Impact of Selected Variables on the Investment Behavior 371

Part II.

Kalouda František

The Stability of the Czech Banking Sector Phenomenon in the Company Interest Rate Risk Management 379

Kardoš Peter, Uhliar Miroslav

Transfer of Intellectual Property and Transfer Pricing 387

Kashi Kateřina

Using MADM Methods for Employees' Training and Development 394

Kintler Jakub

The sense of Real options for valuation 404

Kolková Andrea

Back-testing the effectiveness of selected indicators technical analysis of the currency pair using digital options 410

Kopa Miloš

Stochastic dominance enhanced portfolios - empirical evidence 417

Kořená Kateřina Risks of Investor Bias	424
Kouaissah Nouredine, Ortobelli Sergio, Tichy Tomas Reward and Risk in the Italian Fixed Income Market	430
Kozłowska-Makós Danuta Conflicts of interests in the area of transfer pricing - selected issues	439
Krajíček Jan, Doláková Bohuslava Interest rates and risk in the banking sector	447
Král' Miloš, Rówińska Malgorzata, Strouhal Jiří Impact of „Covered Call“Hedging Strategy on Financial Statements	453
Krišková Petra, Užík Ján Management of audit risk and its impact on the audit of financial statements	460
Kříž Radko, Seinerová Kateřina Forecasting electricity prices using nonlinear method	467
Kubaščíková Zuzana, Pakšiová Renáta The Application of Benford's Law in Accounting	474
Kucekova Milada Elimination of Tax Avoidance in EU by Introducing of Interest Limitation Rules	479
Kulhánek Lumír Stock market volatility in the euro area countries with highest government debt	488
Lando Tommaso, Bertoli-Barsotti Lucio Comparing inequality of distributions on the basis of mixed Lorenz curves	499
Ligocká Marie, Pražák Tomáš Relationship Between Stock Prices and Microeconomic Variables: Evidence From Prague Stock Exchange	506
Ligus Magdalena, Peternek Piotr Urban environmental externalities and location effect – hedonic analysis of residential housing market in Warsaw (Poland)	514
Lisztwanová Karolína, Ratmanová Iveta Effective Tax Rate of the Biggest Czech Companies	522
Majtánová Anna, Bláhová Mária Risk Management Linked with Investment Life Insurance Products	530

Malavasi M., Previtali R., Ortobelli S., Nardelli C. Managing Risk With Simulated Copula	538
Málek Jiří, Stádník Bohumil, van Quang Tran Bonds Return Modeling Using High Frequency Data	546
Marček Dusan, Falát Lukáš, Barcůch Tomáš Advanced Artificial Neural Networks as the Support in Risk Eliminating Process in Finance	554
Mastalerz-Kodzis Adrianna Risk analysis of foreign currency bank loans offered on the Polish Capital Market	563
Mastiuk Dmytro, Valouch Petr, Krush Petro Economic Value Added as a Measurement Tool of Capital Structure Effectiveness at the Power-Producing Enterprises	572
Mateášová Martina Risk impact on the quality of accounting information provided in the current conditions of globalization	581
Matusiková Lucja Intergeneration Comparison of the Perception of Communication Media in the Context of the Nature of their Ownership	588
Meluchová Jitka Elimination of the risk and its impact on the reliability of the information presented in financial reporting	599
Michalkova Lucia, Frajtova Michalikova Katarina The optimal capital structure and the credit risk effect	608
Mikulec Ondřej The Influence of Motivation on the Investment Behavior of Uninformed Investor	617
Misankova Maria, Majerova Jana Critical assessment of the applicability of selected bankruptcy prediction models in specific conditions of the Slovak Republic	624
Mokošová Daša Risks arising from a violation of the obligations stipulated by the legislative accounting regulation to entities	632
Mokrička Peter The characteristics of the investment through discount certificates	640

Mucha Vladimír The bootstrap method for estimating CVaR using VBA and R	646
Musa Hussam, Krištofík Peter, Sliacky Peter Quantification of credit risk models	660
Musa Hussam, Musová Zdenka, Stoková Zuzana Financing of small and medium sized enterprises in selected EU countries	666
Musílek Petr Investment Crime Risk	675
Novotná Martina Modelling of Firm Survival in the Czech Transport Sector	684
Novotný Josef Determination of Probability of Default of Retail Clients Using Scoring Model	692
Novotný Josef, Tian Yuan Determination of Credit Risk for Debt Assets Portfolio	705
Ondruška Tomáš, Pastoráková Erika, Brokešová Zuzana Determinants of the Insurance Consumption: Theoretical Approach	717
Ondrušová Lucia, Máziková Katarína The revaluation of assets and liabilities at the fair value in amalgamation into a separate accounting entity	727

Part III.

Pacáková Viera, Jindrová Pavla, Musil Tomáš Quantification of risks of natural catastrophes	735
Pakšiová Renáta, Petera Petr, Wagner Jaroslav Comparative analysis of the questionnaire survey results on approach to corporate sustainability management in the largest companies in Slovakia and Czech Republic	743
Páleš Michal Underwriting risk module in solvency capital requirement calculation	751
Paleta Vojtěch Sustainable Development of Global Automotive Enterprise: The Strategic Path from Defense to Continuous Assurance	757

Paliderová Martina, Bieliková Alžbeta The Depreciation Policy in Slovakia and Czech Republic	768
Parajka Branislav Pros and Cons of Financial Reporting by a Micro Accounting Entity in the Slovak Republic	777
Pastoráková Erika, Brokešová Zuzana Risks covered by pension systems and the possibility of individual saving for old age	783
Péliová Jana How does the probability of tax audit effect tax compliance – experimental approach	791
Perechuda Igor Market value, book value and intellectual capital value in case of football clubs listed on stock exchange	798
Petrová Ingrid Introduction to the Securitization of Mortality/Longevity Risk	807
Polednáková Anna Alternative perspectives on mergers	812
Pour Jiří Analysis of selected factors supporting risk of financial crises	818
Prochazka David Anthony Return on investments in solar and wind power plants - a case study	829
Ptáčková Barbora Identification of financial performance generators of the company using nonlinear function analysis of variance	834
Pycha Mikulas, Simunek Jiri, Randakova Monika, Boksova Jirina Disharmony in credit rationing of banking and non-banking institutions amongst defaulted debtors in Bohemia	841
Randáková Monika, Bokšová Jiřina Tax Risks of Transfer Pricing in the Czech Republic	848
Richtarová Dagmar Analysis of Variance Application for Manufacturing Industry Performance Evaluation in the Czech Republic	856
Romero Virginia Navajas, Martín M^a Carmen López, Requena Natalia Gomez Loan delinquencies on car purchases. A scam Analysis Neural networks	862

Sakálová Katarína, Ondřejková Krčová Ingrid Importance of interest rates for life insurance product	873
Sed'a Petr, Jimber del Río Juan Antonio Empirical Modeling the Dynamic Conditional Correlations between Shanghai and Hong Kong Stock Markets	880
Seneši Norbert Risks in accounting associated with valuation of transactions between related parties	888
Siekelova Anna The issue of credit risk as a result of late payments in relation to the liquidity of Slovak companies	895
Simonka Zsolt, Škrovánková Lea New approaches to risk assessment of critical illness	903
Skřivánková Valéria Stochastic Approach to Risk Management	909
Slaninka František, Kaderová Andrea, Simonka Zsolt Risk modeling and analysis in ModelRisk software	917
Slavíček Ondřej, Kuběnka Michal Bankruptcy prediction models based on the logistic regression for companies in the Czech Republic	924
Sońta Wojciech Theoretical and practical conditions of financial risk management in local government units	932
Souček Jiří, Kubíčková Dana Costs of ensuring and recovery of claims	940
Spáčil Vojtěch Identification of Risk Consumer Attitudes to the Adoption of Mobile Banking Application	948
Spáčilová Lenka Risk of Deflation in the Euro Area	957
Stanková Adriana, Marci Anton The usage of neural networks in the field of predicting the future financial situation of businesses	965
Starostová Adriana, Machek Ondřej Corporate Social Responsibility of Czech Family Firms	973

Šalaga Jakub, Bartošová Viera Using Economic Value Added to determine the value of a company	979
Šoltés Erik, Vojtková Mária Employment in SR associated with the risk of enterprise deaths	985
Šoltésová Tatiana Valuation of the new business in the life insurance under Solvency II	993
Šumanová Radka, Juhászová Zuzana Financial risks related with business activity in the Slovak Republic	1001
Žoupal Tomáš, Marek Patrice Nonparametric Kernel Estimation and Its Practical Application	1008
Tumpach Milos Misapplications of Rules for the Exchange Rate Differences by Slovak IFRS Adopters	1016
Tworek Piotr Risk Management in Public Sector Organisations – Principles, Methods and Tools	1022
Urminský Jaroslav Collocation of Banking Affiliates from Qualitative Perspective	1030
Valecký Jiří Baumol's model for cash management with random value of transactions	1039
Vejvoda Michal, Bokšová Jiřina, Horák Josef, Randáková Monika, Veselá Helena, Heuer Matyáš Identification of violations of going concern assumption in the automotive in the Czech Republic	1047
Vrbova Lucie, Fotr Jiri Integration of scenarios and Monte Carlo simulation in risk analysis	1055
Weissová Ivana, Ďurica Marek The possibility of using prediction models for monitoring the financial health of Slovak companies	1062
Zajarošová Markéta, Hovorka Tomáš Multiple Criteria Decision Making Usage in the New Product Introduction in Retail	1071
Zelinková Kateřina Portfolio optimization assuming Student distribution	1079

Zíka Vojtěch, Koblavský Petr

Behavioral economics and customers' decisions at energy market

1084

Zimková Emília

The management efficiency under market risk: an application to the banking production process

1093

Zmeškal Zdeněk, Dluhošová Dana

Constrained game models – linear complementarity approach

1101

Zureck Alexander, Svoboda Martin

Market efficiency: Correlation between returns and Google searches before a change in coach

1108