Contents

News Sentiment Impact Analysis (NSIA) Framework ......................... 1
Islam Qudah and Fethi A. Rabhi

A Semantic-Based Analytics Architecture and Its Application to Commodity Pricing ....................................................... 17
Ali Behnaz, Aarthi Natarajan, Fethi A. Rabhi, and Maurice Peat

Detecting Underwriters Stabilisation Trades: A Clinical Study ............. 32
Qudamah Quboa, Brahim Saadouni, Azar Shahgholian, and Nikolay Mehandjiev

Predicting Corporate Credit Ratings Using Content Analysis of Annual Reports – A Naïve Bayesian Network Approach .................. 47
Petr Hajek, Vladimir Olej, and Ondrej Prochazka

Say It at the Right Time: Publication Time of Financial News .............. 62
Dorina Palade, Simon Alfano, and Dirk Neumann

FinTech Transformation: How IT-Enabled Innovations Shape the Financial Sector ......................................................... 75
Liudmila Zavolokina, Mateusz Dolata, and Gerhard Schwabe

Reading Between the Lines: The Effect of Language Sentiment on Economic Indicators ......................................................... 89
Florian Förschler and Simon Alfano

Cashless Society: When Will Merchants Stop Accepting Cash in Sweden - A Research Model ......................................................... 105
Niklas Arvidsson, Jonas Hedman, and Björn Segendorf

Credit Scoring and the Creation of a Generic Predictive Model Using Countries’ Similarities Based on European Values Study ......... 114
Erika Matsak

Author Index .............................................................................. 125
Enterprise Applications, Markets and Services in the Finance Industry
8th International Workshop, FinanceCom 2016, Frankfurt, Germany, December 8, 2016, Revised Papers
Feuerriegel, S.; Neumann, D. (Eds.)
2017, XI, 125 p. 26 illus., Softcover
ISBN: 978-3-319-52763-5