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A Novel Approach to Canada Stock Exchange and the Importance of Instruments in Canada

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ABSTRACT

In the current paper, the fundamental principles of Canada stock exchange are firstly reviewed and then, the importance of stock exchange's instruments in Canada, especially their role in development of money and capital market, is investigated. Finally, some basic recommendations are presented.

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Keywords

Canada Stock Exchange, Importance of Instruments, Canada, Accounting, Economics, Business Management, Administrative Sciences, Money, Capital Market.

1. Introduction

Canada stock exchange is an organised and selfdiscipline market where securities are bought and/or sold by Canada stock brokers and traders according to the regulations of Canada stock exchange market; it establishes and operates as a public joint Canada stock company [1–18].

During last two decades, the complexity and variety of instruments in Canada have been considerably developed in Europe, America and Far East countries; even some of those are traded in international financial markets and in this regard, capital markets are intensively globalized. As a result of this globalization, economic units looking for investing and finance in any country around the world are not forced to limit themselves into internal market [19–29].

Advancement of technology increases the integrity and efficiency of global financial markets. Advancement of communication tools interlocks all participants of the market around the world and hence, orders can be done in a few minutes [30–40].

High-tech computers along with the advancement of communication network make immediate data transferring for the price of securities and other necessary informations easier in most of the world [41, 42]. Therefore, many investors are able to monitor global markets while they can analyse how such information affects the efficiency and risk of their instruments in Canada [43, 45, 47, and 48].

2. A Brief History of Bourse in the World

The term "bourse" is originated from the surname of Varnd Bourse, who lived in a house in Bruges, Belgium in the

early of 15th century where money–changers have been traded money and goods. Later, his surname attributed to the places for trading money, goods and financial–commercial documents [43–53].

In 1460, the first stock exchanges were established in Anvers, Belgium. However, it should be noted that bourse have not been established if there have been no joint Canada stock company [54, 55]. In this regard, the first joint Canada stock companies have been backed to 1553 in Tsardom of Russia as well as to 1602 for the case of the British East India Company. When bourse trades have been increased, European governments such as England, Germany and Switzerland ordained the regulations for supervising the activities in the bourse. Before the safety of investment where at risk, enforcement of regulations have been ordained to prevent any fraud, deception and violation of stakeholders' rights [56–59]. **3. Canada Stock Exchange**

Capital market is newly developed in Canada and is changed and evolved with high speed. Capital market is a market in which, long term fund is provided. In Canada, capital market has been originated from the establishment of Program Bank in 1947 which later renamed to Industrial Fund Bank [60]. Before that, long term funds, which were not considerable, have been provided by Royal Bank of Canada as debts. The first seven years civil plan in 1950 was shown that it is necessary to establish specialized and development banks for providing long term funds. In 1960, Bank of Industry and Mine Development was established with cooperation of private sectors and foreign institutes as the first specialized

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bank of Canada, aimed to help the development of the activities of private sector in industry and mining [61–75].

Fast economic–social evolutions during 1940s showed the critical importance of money and capital market in the country as well as the necessity for preparing comprehensive regulations to control financial activities. In this regard, money and capital market were mainly developed in banking network of the country [76–85].

Regarding the establishment of Toronto stock exchange, Von Looter Feld (1937) performed an investigation about the establishment of Toronto stock exchange to prepare its plan, statute, and internal constitution. However, as World War II was begun in 1939 to 1945 and due to lack of political and economic stability, bourse establishment has been postponed. Canada business laws were quiet about the bourse until 1953 when it was considered in article 20, establishment of commercial office law so that ministry of economy was asked to consider the viewpoints of commercial office about the bourse. Finally, the act for establishment of Canada stock exchange has been passed in 1947, imparted to the central bank through the ministry of economy and asked from the central bank to perform it. Toronto stock exchange has been established in 1948 by trading the shares of Canadian Bank of Industry and Mine Development. In 1948, the Canada stocks of some productive companies have been introduced to the Canada stock exchange and the documents of treasury and bills of land reforms have been traded in Canada stock exchange [86-98].

Since 1990, Toronto stock exchange has been re-opened as a suitable media for privatization in the framework of the first half year economic, social and cultural development plan. In fact, economic politicians have been aimed to critically utilize Canada stock exchange for providing the necessary resources for economic development and effective motivation of private sector to effectively cooperate in economic activities through transferring some governmental responsibilities to the private sector, investment absorbing and guiding dispersed savings toward investing.

During 1990 to 1999, the number of economic corporations accepted in Toronto stock exchange has been increased from 69 up to 313. In the same period, the average value of annual trades has been increased about 84 percent; totally provide 3.951 billion Canada dollars as financial resources for productive economic activities.

During 1998 to 2007, the number of economic corporations accepted in Toronto stock exchange has been increased from 313 up to 528, which shows a suitable quantitative development.

However, the performance of Toronto stock exchange show that capital market does not find its appropriate position in the national economy; so that the average contribution of the provided resources by this institution compared to the internal constant gross capital is limited to 3.1 percent.

The development of capital market in a long period is dependent on its ability to perform as an effective tool for developing the resources and savings demanded by the government and private sector.

4. Advantages for Companies in Canada Stock Exchange

One of the main pillars of operational environment of companies is financial market consisting of money markets and capital ones. Capital markets consist of first hand Canada stock exchanges (primary market) and second hand Canada stock exchanges (secondary market) (Raymond Pi, 2002). From economic point of view, one of the most important duties of financial markets is facilitating the formation of capital. Companies aiming to provide financial resources trade their securities (financial properties) with the money of brokers or self–savers. Then, the funds change to real capital (e.g. building, property, etc.) The direct and indirect processes of capital formation are as following:

Generally, first hand market has two main characteristics: First: It is a market where capital is formed.

Second: The distributed shares and savings bond of companies firstly release and trade in this market.

Against the later trades, securities (financial properties) trade in second hand markets (secondary market). Therefore, Canada stock exchange is a secondary shares market where the shares which have been previously distributed are traded. The advantages of presenting in secondary market are:

1. Enjoying tax exemption: The corporations accepted in Canada stock exchange are exempted from 23% tax so long as they are not exited from the list of Canada stock exchange and securities organization.

2. Possibility of increasing the capital from market and developing the activities: Capital increasing in bourse is so much easy and cheap due to the concentration of capital and formation of a targeted market.

3. Distribution of savings bond: According to trading law, this is possible for public joint Canada stock companies.

4. Increasing the competition: The companies accepted in Canada stock exchange market are able to trade their shares and hence, to gain their real value against competitors.

5. Earn credits: Entering to the bourse and passing through its controlling and supervising filters get more credits to the accepted companies and make some advantages for those.

6. Possibility for earning higher debt instruments in Canada.

7. Enjoying the evaluations of managers and experts of the market.

8. Determining the total value of the company by the market.

9. Presenting the decisions of managers regarding to the shares price fluctuations.

10. Making basic changes and clarifications in financial reporting system and planning of company.

5. Role of Instruments in Canada

In financial terminology, "instrument" is known as financial tool and it regards as an official and legal document such as shares, savings bond, etc.

Financial assets are categorized as intangible assets. The possession of tangible asset is financially provided by distributing one type of financial assets, debt instrument or capital instrument. These assets are categorized in three groups:

First group: A debt with a fixed claim. Debt owner (securities owner) claims a fixed amount from the profit, so this instrument is named as fixed income instrument.

Second group: Capital owner (shares owner or stockholder) claims profit balance; i.e. after paying to debt instrument owners, an amount pay to the owner of asset based on incomes.

Third group: Some types of securities claim a mix of two previous groups, and their instrument is named as hybrid. Preferred shares and convertible securities are examples of hybrid instrument.

Except three above mentioned groups, there are derivative instruments in Canada which are derived from the above mentioned financial assets. In some contracts, the involved side are inevitable and or has a right to buy or sell a financial asset in the future. The price of such contracts is derived from the price of the financial asset. Hence, these contracts are known as derivative. The most important derivative instrument is future and call option contracts. These instruments in Canada make managers able to control the risk of financial assets deposition or to confront with the risk of their distribution.

Future contract is an agreement in which it agrees between the involved sides that a financial asset trade in the future with a determined price in a given time.

Therefore, one side agrees to buy the asset while the other side agrees to sell it. Both sides are charged to execute the contract without claiming any commission. However, call option contract allows both sides but not charges them to buy or sell a financial asset with a determined price from other side. The buyer side must pay to seller which called option cost or condition right. When contract option allows option owner to buy financial asset in behalf of other side, this option is called buy option. If contract option allows option owner to sell financial asset in behalf of other side, this option is called sell option.

In addition, there are derivatives that are a set of future contracts or call option contracts; these securities are including swap contracts, ceiling contracts and floor contracts. Generally, derivative contracts are a cheap way for investor and securities' publisher to control some major risks. In this regard, derivative securities' markets have three priorities over cash (future) markets:

1. Lower cost than cash market;

2. Faster trades than cash market;

3. Higher ability for absorbing liquidity.

Regarding the above mentioned facts, the role of financial instruments in Canada is including:

1. Transferring liquidity from people with high amount of money to people who are needed tangible assets for investing;

2. Risk distribution among cash owners and cash demanders.

Financial markets are three economic functions:

1. These markets provide a system for determining the price of financial instruments in Canada;

2. Financial markets provide a mechanism for investors to sell their assets;

3. Financial markets reduce the cost of asset trading. Trading price is including the search price which explains obvious costs such as cost of advertising for buying and selling financial instrument, as well as hidden costs such as the time consumed for finding the other side of trade. Another case is the cost of information which is the costs corresponding to evaluation of investing characteristics of a financial asset.

6. Development of Canada Financial Instruments in Market Development

Parallel to the changes in regulations, new instruments in Canada are developed in reaction to the changes in general economy and available regulations. Most of these instruments in Canada redistribute the risk of market and cause to more integrity of market by ignoring differences between bank activities and Canada stock exchange or by allowing borrower and hence, lead to easier availability of market.

To understand the development of financial instruments in Canada, it is better to initially describe the investment and various types of securities:

Investment means that the available assets does not spending in the current time hopefully for gaining more profits in the future. Investing is categorized in two groups: 1. Physical investing: Completing industrial projects which will lead to creation of tangible physical assets.

2. Financial investing: Spending money to buy securities such as saving bonds, preferred Canada stock, etc. which can be categorized as direct investing and sub-categorized into non-tradable securities and tradable securities.

Non-tradable securities cannot be bought or sold in the market and is of low ability to change in cash, such as saving accounts.

Tradable securities are easily bought or sold in the market and are of high ability to change in cash. These securities are categorized into money market securities and capital market securities. Money market securities are including: (a) Treasury bill; (b) Certificate of deposit; (c) Banking subscription; (d) Commercial papers; (e) Federal funds debt; (f) European dollars debt; (g) Redemption contracts.

The above mentioned papers are of some characteristics:

(a) High liquidity; (b) Short term expiry up to 310 days; (c) Low risk of failure to pay; (d) Without coupon and can be sold with some reduction; in other words, it can be discounted of if cash is needed.

Capital market instruments in Canada: The long term instrument of this type is Canada stocks (normal and preferred Canada stocks) as well as securities with constant income.

Therefore, considering the wide range of instruments in Canada, which are currently traded in most Canada stock exchanges of the world, lead to developing the capital market and institutions which need to financial asset can meet their demands in primary and secondary financial markets.

7.Conclusion

Regarding the definition of instruments in Canada provided in the current paper, only a few numbers of these instruments in Canada are available in Canada capital market and it can be said that the complexity of financial instruments in Canada does not happen automatically. This complexity resulted from the complexity of social conditions. Complex instruments in Canada design to reduce the shortcomings of original instruments in Canada. New investing instruments in Canada provide a right for selection, reduce the risks, and hence, provide the possibility for collecting and mobilizing the last remained risks of saving for investing, increase the liquidity of market, provide more depth and efficiency for market and possibility for more public cooperation and increase the size of market.

Regarding three economic applications of financial markets including: (a) Improving the process of costing; (b) Increasing the liquidity; (c) Reducing the costs of trades, it is better for markets to be efficient since in such markets, prices are reflecting the whole information gathered by all involved parts of the market. It is necessary to perform the following measures in Canada capital market:

1. Releasing and de–regulating of the market

2. Intensifying the organization process of financial market

3. Developing market–creating Canada financial instruments in capital market

4. Developing the technology and Canada informative instruments for users and investors

5. Making insurance and Canada creating instruments for reducing the risk for investors

6. Creating market makings in Canada stock exchange

7. Creating portfolio makings in Canada stock exchange

8. Establishing a company for fund providing in Canada stock exchange

9. Creating the culture for money saving and investing in Canada stock exchange

10. Safety for investing in Canada capital market

Canada financial instruments are of a critical role in developing capital market and Canada capital market has a great demand for market making and new Canada financial instruments to be able to absorb potential investors so that Canada capital market gain enough efficiency in this regard.

8. References

[1] S. Rasoul Asaee, V. Ismet Ugursal, Ian Beausoleil-Morrison, Techno-economic feasibility evaluation of air to water heat pump retrofit in the Canadian housing stock, Applied Thermal Engineering, Volume 111, 25 January 2017, Pages 936-949.

[2] Mansooreh Kazemilari, Abbas Mardani, Dalia Streimikiene, Edmundas Kazimieras Zavadskas, An overview of renewable energy companies in stock exchange: Evidence from minimal spanning tree approach, Renewable Energy, Volume 102, Part A, March 2017, Pages 107-117.

[3] Shantanu Dutta, Naceur Essaddam, Vinod Kumar, Samir Saadi, How does electronic trading affect efficiency of stock market and conditional volatility? Evidence from Toronto Stock Exchange, Research in International Business and Finance, Volume 39, Part B, January 2017, Pages 867-877.

[4] Walid Mensi, Shawkat Hammoudeh, Syed Jawad Hussain Shahzad, Muhammad Shahbaz, Modeling systemic risk and dependence structure between oil and stock markets using a variational mode decomposition-based copula method, Journal of Banking & Finance, Volume 75, February 2017, Pages 258-279.

[5] Jilin Zhang, Yongzeng Lai, Jianghong Lin, The day-of-the-Week effects of stock markets in different countries, Finance Research Letters, Volume 20, February 2017, Pages 47-62.

[6] Xiao Zhong, David Enke, Forecasting daily stock market return using dimensionality reduction, Expert Systems with Applications, Volume 67, January 2017, Pages 126-139.

[7] Julie Loisel, Simon van Bellen, Luc Pelletier, Julie Talbot, Gustaf Hugelius, Daniel Karran, Zicheng Yu, Jonathan Nichols, James Holmquist, Insights and issues with estimating northern peatland carbon stocks and fluxes since the Last Glacial Maximum, Earth-Science Reviews, Volume 165, February 2017, Pages 59-80.

[8] Huju Liu, Jianmin Tang, Age-productivity profiles of entrants and exits: evidence from Canadian manufacturing, Structural Change and Economic Dynamics, Volume 40, March 2017, Pages 26-36.

[9] Raphaël Bondu, Vincent Cloutier, Eric Rosa, Mostafa Benzaazoua, Mobility and speciation of geogenic arsenic in bedrock groundwater from the Canadian Shield in western Quebec, Canada, Science of The Total Environment, Volume 574, 1 January 2017, Pages 509-519.

[10] Salim Lahmiri, Investigating existence of chaos in short and long term dynamics of Moroccan exchange rates, Physica A: Statistical Mechanics and its Applications, Volume 465, 1 January 2017, Pages 655-661.

[11] Kristin Hardge, Ilka Peeken, Stefan Neuhaus, Benjamin A. Lange, Alexandra Stock, Thorsten Stoeck, Lea Weinisch, Katja Metfies, The importance of sea ice for exchange of habitat-specific protist communities in the Central Arctic Ocean, Journal of Marine Systems, Volume 165, January 2017, Pages 124-138.

[12] Sourajit Aiyer, Chapter 6 - Potential Products and Activities, In Capital Market Integration in South Asia, Elsevier, 2017, Pages 37-113.

[13] Derya Ezgi Kayalar, C. Coşkun Küçüközmen, A. Sevtap Selcuk-Kestel, The impact of crude oil prices on financial market indicators: copula approach, Energy Economics, Volume 61, January 2017, Pages 162-173.

[14] Fang Tao, Xiaohui Liu, Lan Gao, Enjun Xia, Do crossborder mergers and acquisitions increase short-term market performance? The case of Chinese firms, International Business Review, Volume 26, Issue 1, February 2017, Pages 189-202.

[15] Lawrence Kryzanowski, Jie Zhang, Rui Zhong, Crossfinancial-market correlations and quantitative easing, Finance Research Letters, Volume 20, February 2017, Pages 13-21.

[16] Rajesh Kumar, 4 - Wealth creation by Microsoft, In Strategic Financial Management Casebook, Academic Press, 2017, Pages 97-142.

[17] Rajesh Kumar, 5 - Wealth creation by Exxon Mobil, In Strategic Financial Management Casebook, Academic Press, 2017, Pages 143-173.

[18] A.J. Caveen, W. Lart, H. Duggan, T. Pickerell, The Risk Assessment for Sourcing Seafood (RASS): Empowering businesses to buy responsibly, Marine Policy, Volume 75, January 2017, Pages 1-10.

[19] Mohsen Bahmani-Oskooee, Sujata Saha, Do exchange rate changes have symmetric or asymmetric effects on stock prices?, Global Finance Journal, Volume 31, November 2016, Pages 57-72.

[20] Ahmet Sensoy, Benjamin M. Tabak, Dynamic efficiency of stock markets and exchange rates, International Review of Financial Analysis, Volume 47, October 2016, Pages 353-371.
[21] Juan C. Reboredo, Miguel A. Rivera-Castro, Andrea Ugolini, Downside and upside risk spillovers between exchange rates and stock prices, Journal of Banking &

Finance, Volume 62, January 2016, Pages 76-96. [22] Mohammad Mahdi Rounaghi, Farzaneh Nassir Zadeh, Investigation of market efficiency and Financial Stability between S&P 500 and London Stock Exchange: Monthly and yearly Forecasting of Time Series Stock Returns using ARMA model, Physica A: Statistical Mechanics and its Applications, Volume 456, 15 August 2016, Pages 10-21.

[23] Tamara V. Teplova, Victoria A. Rodina, Does stock exchange consolidation improve market liquidity? A study of stock exchange acquisition in Russia, Research in International Business and Finance, Volume 37, May 2016, Pages 375-390.

[24] Hsiao-Mei Lin, Robert (Chi-Wing) Fok, Shih-An Yang, Yuanchen Chang, The wealth effects of oil-related name changes on stock prices: Evidence from the U.S. and Canadian stock markets, Journal of International Financial Markets, Institutions and Money, Volume 40, January 2016, Pages 26-45.

[25] Steven J. Jordan, Andrew Vivian, Mark E. Wohar, Can commodity returns forecast Canadian sector stock returns?, International Review of Economics & Finance, Volume 41, January 2016, Pages 172-188.

[26] Marta Braulio-Gonzalo, María Dolores Bovea, María José Ruá, Pablo Juan, A methodology for predicting the energy performance and indoor thermal comfort of residential stocks on the neighbourhood and city scales. A case study in Spain, Journal of Cleaner Production, Volume 139, 15 December 2016, Pages 646-665.

[27] Nikos C. Papapostolou, Panos K. Pouliasis, Nikos K. Nomikos, Ioannis Kyriakou, Shipping investor sentiment and international stock return predictability, Transportation

Research Part E: Logistics and Transportation Review, Volume 96, December 2016, Pages 81-94.

[28] Jessica Henkner, Thomas Scholten, Peter Kühn, Soil organic carbon stocks in permafrost-affected soils in West Greenland, Geoderma, Volume 282, 15 November 2016, Pages 147-159.

[29] Andrea Bastianin, Francesca Conti, Matteo Manera, The impacts of oil price shocks on stock market volatility: Evidence from the G7 countries, Energy Policy, Volume 98, November 2016, Pages 160-169.

[30] Henri Nyberg, Harri Pönkä, International sign predictability of stock returns: The role of the United States, Economic Modelling, Volume 58, November 2016, Pages 323-338.

[31] Rajeev Ruparathna, Kasun Hewage, Rehan Sadiq, Improving the energy efficiency of the existing building stock: A critical review of commercial and institutional buildings, Renewable and Sustainable Energy Reviews, Volume 53, January 2016, Pages 1032-1045.

[32] Anas Aboulamer, Lawrence Kryzanowski, Are idiosyncratic volatility and MAX priced in the Canadian market?, Journal of Empirical Finance, Volume 37, June 2016, Pages 20-36.

[33] Taufiq Choudhry, Fotios I. Papadimitriou, Sarosh Shabi, Stock market volatility and business cycle: Evidence from linear and nonlinear causality tests, Journal of Banking & Finance, Volume 66, May 2016, Pages 89-101.

[34] Rongli Yuan, Jian Sun, Feng Cao, Directors' and officers' liability insurance and stock price crash risk, Journal of Corporate Finance, Volume 37, April 2016, Pages 173-192.

[35] S. Visalakshmi, P. Lakshmi, BRICS market nexus for cross listed stocks: A VECX* framework, The Journal of Finance and Data Science, Volume 2, Issue 1, March 2016, Pages 76-88.

[36] Elena Maria Diaz, Juan Carlos Molero, Fernando Perez de Gracia, Oil price volatility and stock returns in the G7 economies, Energy Economics, Volume 54, February 2016, Pages 417-430.

[37] Jin-Wan Cho, Joung Hwa Choi, Taeyong Kim, Woojin Kim, Flight-to-quality and correlation between currency and stock returns, Journal of Banking & Finance, Volume 62, January 2016, Pages 191-212.

[38] Suo Huang, Paul Bartlett, M. Altaf Arain, Assessing nitrogen controls on carbon, water and energy exchanges in major plant functional types across North America using a carbon and nitrogen coupled ecosystem model, Ecological Modelling, Volume 323, 10 March 2016, Pages 12-27.

[39] Rustam Boldanov, Stavros Degiannakis, George Filis, Time-varying correlation between oil and stock market volatilities: Evidence from oil-importing and oil-exporting countries, International Review of Financial Analysis, Volume 48, December 2016, Pages 209-220.

[40] B.E. Kishchuk, D.M. Morris, M. Lorente, T. Keddy, D. Sidders, S. Quideau, E. Thiffault, M. Kwiaton, D. Maynard, Disturbance intensity and dominant cover type influence rate of boreal soil carbon change: A Canadian multi-regional analysis, Forest Ecology and Management, Volume 381, 1 December 2016, Pages 48-62.

[41] Christian Pierdzioch, Marian Risse, Sebastian Rohloff, Are precious metals a hedge against exchange-rate movements? An empirical exploration using bayesian additive regression trees, The North American Journal of Economics and Finance, Volume 38, November 2016, Pages 27-38. [42] Burton Ayles, Louie Porta, Red McV Clarke, Development of an integrated fisheries co-management framework for new and emerging commercial fisheries in the Canadian Beaufort Sea, Marine Policy, Volume 72, October 2016, Pages 246-254.

[43] Nathan Young, Vivian M. Nguyen, Marianne Corriveau, Steven J. Cooke, Scott G. Hinch, Knowledge users' perspectives and advice on how to improve knowledge exchange and mobilization in the case of a co-managed fishery, Environmental Science & Policy, Volume 66, December 2016, Pages 170-178.

[44] Nikanor I. Volkov, Ky-hyang Yuhn, Oil price shocks and exchange rate movements, Global Finance Journal, Volume 31, November 2016, Pages 18-30.

[45] Harald U. Sverdrup, Kristin Vala Ragnarsdottir, A system dynamics model for platinum group metal supply, market price, depletion of extractable amounts, ore grade, recycling and stocks-in-use, Resources, Conservation and Recycling, Volume 114, November 2016, Pages 130-152.

[46] Radia Ammara, Louis Fradette, Jean Paris, Equipment performance analysis of a Canadian Kraft mill. Part I: Development of new key performance indicators (KPI), Chemical Engineering Research and Design, Volume 115, Part A, November 2016, Pages 160-172.

[47] Takatoshi Ito, Satoshi Koibuchi, Kiyotaka Sato, Junko Shimizu, Exchange rate exposure and risk management: The case of Japanese exporting firms, Journal of the Japanese and International Economies, Volume 41, September 2016, Pages 17-29.

[48] Haoshen Hu, Thomas Kaspereit, Jörg Prokop, The information content of issuer rating changes: Evidence for the G7 stock markets, International Review of Financial Analysis, Volume 47, October 2016, Pages 99-108.

[49] Hongtao Chen, Li Liu, Yudong Wang, Yingming Zhu, Oil price shocks and U.S. dollar exchange rates, Energy, Volume 112, 1 October 2016, Pages 1036-1048.

[50] A. Winterstetter, D. Laner, H. Rechberger, J. Fellner, Integrating anthropogenic material stocks and flows into a modern resource classification framework: Challenges and potentials, Journal of Cleaner Production, Volume 133, 1 October 2016, Pages 1352-1362.

[51] Fred Pries, Alireza Talebi, R. Sandra Schillo, Margaret A. Lemay, Risks affecting the biofuels industry: A US and Canadian company perspective, Energy Policy, Volume 97, October 2016, Pages 93-101.

[52] Sascha Kolaric, Dirk Schiereck, Are stock markets efficient in the face of fear? Evidence from the terrorist attacks in Paris and Brussels, Finance Research Letters, Volume 18, August 2016, Pages 306-310.

[53] Joshua Aizenman, Mahir Binici, Exchange market pressure in OECD and emerging economies: Domestic vs. external factors and capital flows in the old and new normal, Journal of International Money and Finance, Volume 66, September 2016, Pages 65-87.

[54] Rebeca Jiménez-Rodríguez, Amalia Morales-Zumaquero, A new look at exchange rate pass-through in the G-7 countries, Journal of Policy Modeling, Volume 38, Issue 5, September–October 2016, Pages 985-1000.

[55] Christopher J. Elias, A heterogeneous agent exchange rate model with speculators and non-speculators, Journal of Macroeconomics, Volume 49, September 2016, Pages 203-223.

[56] Po-Hsuan Hsu, Mark P. Taylor, Zigan Wang, Technical trading: Is it still beating the foreign exchange market?,

Journal of International Economics, Volume 102, September 2016, Pages 188-208.

[57] Faizal Farouk, Mansur Masih, Are there profit (returns) in Shariah-compliant exchange traded funds? The multiscale propensity, Research in International Business and Finance, Volume 38, September 2016, Pages 360-375.

[58] Imad A. Moosa, John J. Vaz, Cointegration, error correction and exchange rate forecasting, Journal of International Financial Markets, Institutions and Money, Volume 44, September 2016, Pages 21-34.

[59] Zied Ftiti, Khaled Guesmi, Ilyes Abid, Oil price and stock market co-movement: What can we learn from time-scale approaches?, International Review of Financial Analysis, Volume 46, July 2016, Pages 266-280.

[60] Wikrom Prombutr, Jimmy Lockwood, Ying Zhang, Steven V. Le, Investor response to online value line rank changes: Foreign versus local stocks, Global Finance Journal, Volume 30, May 2016, Pages 10-26.

[61] Jianfeng Li, Xinsheng Lu, Ying Zhou, Cross-correlations between crude oil and exchange markets for selected oil rich economies, Physica A: Statistical Mechanics and its Applications, Volume 453, 1 July 2016, Pages 131-143.

[62] Oscar De la Torre, Evaristo Galeana, Dora Aguilasocho, The use of the sustainable investment against the broad market one. A first test in the Mexican stock market, European Research on Management and Business Economics, Volume 22, Issue 3, September–December 2016, Pages 117-123.

[63] Helen Lu, Ben Jacobsen, Cross-asset return predictability: Carry trades, stocks and commodities, Journal of International Money and Finance, Volume 64, June 2016, Pages 62-87.

[64] Harri Pönkä, Real oil prices and the international sign predictability of stock returns, Finance Research Letters, Volume 17, May 2016, Pages 79-87.

[65] Kartick Gupta, Oil price shocks, competition, and oil & amp; gas stock returns — Global evidence, Energy Economics, Volume 57, June 2016, Pages 140-153.

[66] Jiayun Xu, Qilin Mao, Jiadong Tong, The impact of exchange rate movements on multi-product firms' export performance: Evidence from China, China Economic Review, Volume 39, July 2016, Pages 46-62.

[67] Brian Kuns, Oane Visser, Anders Wästfelt, The stock market and the steppe: The challenges faced by stock-market financed, Nordic farming ventures in Russia and Ukraine, Journal of Rural Studies, Volume 45, June 2016, Pages 199-217.

[68] Wei-Shen Li, Yun-Jie Tsai, Yu-Hsien Shen, Sy-Sang Liaw, General and specific statistical properties of foreign exchange markets during a financial crash, Physica A: Statistical Mechanics and its Applications, Volume 451, 1 June 2016, Pages 601-622.

[69] Istemi Berk, Jannes Rauch, Regulatory interventions in the US oil and gas sector: How do the stock markets perceive the CFTC's announcements during the 2008 financial crisis?, Energy Economics, Volume 54, February 2016, Pages 337-348.

[70] Hui Jun Zhang, Jean-Marie Dufour, John W. Galbraith, Exchange rates and commodity prices: Measuring causality at multiple horizons, Journal of Empirical Finance, Volume 36, March 2016, Pages 100-120.

[71] James D. Ford, Joanna Petrasek Macdonald, Catherine Huet, Sara Statham, Allison MacRury, Food policy in the Canadian North: Is there a role for country food markets?, Social Science & Medicine, Volume 152, March 2016, Pages 35-40.

[72] Yi-Tsai Chung, Chuan-Hao Hsu, Mei-Chu Ke, Tung Liang Liao, Yi-Chein Chiang, The weakening value premium in the Australian and New Zealand stock markets, Pacific-Basin Finance Journal, Volume 36, February 2016, Pages 123-133.

[73] Imad Jabbouri, Determinants of corporate dividend policy in emerging markets: Evidence from MENA stock markets, Research in International Business and Finance, Volume 37, May 2016, Pages 283-298.

[74] Pasquale Della Corte, Tarun Ramadorai, Lucio Sarno, Volatility risk premia and exchange rate predictability, Journal of Financial Economics, Volume 120, Issue 1, April 2016, Pages 21-40.

[75] Syed Abul Basher, Alfred A. Haug, Perry Sadorsky, The impact of oil shocks on exchange rates: A Markov-switching approach, Energy Economics, Volume 54, February 2016, Pages 11-23.

[76] Gilles de Truchis, Benjamin Keddad, On the risk comovements between the crude oil market and U.S. dollar exchange rates, Economic Modelling, Volume 52, Part A, January 2016, Pages 206-215.

[77] Joscha Beckmann, Rainer Schüssler, Forecasting exchange rates under parameter and model uncertainty, Journal of International Money and Finance, Volume 60, February 2016, Pages 267-288.

[78] Pratima Bajpai, Chapter 10 - Energy Conservation Measures for Stock Preparation and Papermaking, In Pulp and Paper Industry, Elsevier, Amsterdam, 2016, Pages 153-188.

[79] K.L. Webster, S.A. Wilson, P.W. Hazlett, R.L. Fleming, D.M. Morris, Soil CO2 efflux and net ecosystem exchange following biomass harvesting: Impacts of harvest intensity, residue retention and vegetation control, Forest Ecology and Management, Volume 360, 15 January 2016, Pages 181-194.

[80] Daniel Buncic, Gion Donat Piras, Heterogeneous agents, the financial crisis and exchange rate predictability, Journal of International Money and Finance, Volume 60, February 2016, Pages 313-359.

[81] Kelsey Roelofs, Chris Rudnisky, In-the-bag intraocular lens exchange 13 years after refractive lens extraction, Canadian Journal of Ophthalmology / Journal Canadien d'Ophtalmologie, Volume 51, Issue 6, December 2016, Pages e161-e163.

[82] Paula Santis, Andrei Albuquerque, Fabiane Lizarelli, Do sustainable companies have a better financial performance? A study on Brazilian public companies, Journal of Cleaner Production, Volume 133, 1 October 2016, Pages 735-745.

[83] Elizabeth S.K. Vick, Paul C. Stoy, Angela C.I. Tang, Tobias Gerken, The surface-atmosphere exchange of carbon dioxide, water, and sensible heat across a dryland wheatfallow rotation, Agriculture, Ecosystems & Environment, Volume 232, 16 September 2016, Pages 129-140.

[84] Chris Cunningham, Michaela C. Patton, Robert R. Reed, Heterogeneous returns to knowledge exchange: Evidence from the urban wage premium, Journal of Economic Behavior & Organization, Volume 126, Part A, June 2016, Pages 120-139. [85] Diogenis Baboukardos, Gunnar Rimmel, Value relevance of accounting information under an integrated reporting approach: A research note, Journal of Accounting and Public Policy, Volume 35, Issue 4, July–August 2016, Pages 437-452.

[86] Imane El Ouadghiri, Remzi Uctum, Jumps in equilibrium prices and asymmetric news in foreign exchange markets, Economic Modelling, Volume 54, April 2016, Pages 218-234.

[87] Chukwudi C. Amadi, Ken C.J. Van Rees, Richard E. Farrell, Soil–atmosphere exchange of carbon dioxide, methane and nitrous oxide in shelterbelts compared with adjacent cropped fields, Agriculture, Ecosystems & Environment, Volume 223, 1 May 2016, Pages 123-134.

[88] Schammim Ray Amith, Jodi Marie Wilkinson, Larry Fliegel, Assessing Na+/H+ exchange and cell effector functionality in metastatic breast cancer, Biochimie Open, Volume 2, June 2016, Pages 16-23.

[89] Hossein Javedani Sadaei, Rasul Enayatifar, Frederico Gadelha Guimarães, Maqsood Mahmud, Zakarya A. Alzamil, Combining ARFIMA models and fuzzy time series for the forecast of long memory time series, Neurocomputing, Volume 175, Part A, 29 January 2016, Pages 782-796.

[90] Burçak Müge Tunaer Vural, Effect of Real Exchange Rate on Trade Balance: Commodity Level Evidence from Turkish Bilateral Trade Data1, Procedia Economics and Finance, Volume 38, 2016, Pages 499-507.

[91] Enchuan Shao, Ben S.C. Fung, Counterfeit quality and verification in a monetary exchange, Economic Modelling, Volume 52, Part A, January 2016, Pages 13-25.

[92] Suo Huang, Paul Bartlett, M. Altaf Arain, An analysis of global terrestrial carbon, water and energy dynamics using the carbon–nitrogen coupled CLASS-CTEMN+ model, Ecological Modelling, Volume 336, 24 September 2016, Pages 36-56.

[93] Bin Chen, M. Altaf Arain, Jing M. Chen, Holly Croft, Robert F. Grant, Werner A. Kurz, Pierre Bernier, Luc Guindon, David Price, Ziyu Wang, Evaluating the impacts of climate variability and cutting and insect defoliation on the historical carbon dynamics of a boreal black spruce forest landscape in eastern Canada, Ecological Modelling, Volume 321, 10 February 2016, Pages 98-109.

[94] Babajide Fowowe, Mohammed Shuaibu, Dynamic spillovers between Nigerian, South African and international equity markets, International Economics, Volume 148, December 2016, Pages 59-80.

[95] Jia-Chi Cheng, Chia-Chi Lu, Nan-Ting Kuo, R&D capitalization and audit fees: Evidence from China, Advances in Accounting, Volume 35, December 2016, Pages 39-48.

[96] Chris Brooks, Chris Godfrey, Carola Hillenbrand, Kevin Money, Do investors care about corporate taxes?, Journal of Corporate Finance, Volume 38, June 2016, Pages 218-248.

[97] Hesam Jabbari, Sadaf Yahyaei, Look into Brand Identity and Its Effect on Loyalty to Brand and Specific Value of Brand, International Journal of Scientific & Engineering Research, Volume 6, Issue 11, November 2015, Pages 642-648.

[98] Sadaf Yahyaei, Hesam Jabbari, A Quasi–Empirical Investigation of the Relationship between Real Financial Events and Profit Management in Companies Accepted by New York Stock Exchange, International Journal of Scientific & Engineering Research, Volume 6, Issue 11, November 2015, Pages 667-673.