Galyna Grynkiv — Curriculum Vitae

Contact Information

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Education

2018 (expected)	Ph.D. in Economics, University of Western Ontario. Committee: Lars Stentoft (co-advisor) and Tim Conley (co-advisor).
2009	M.A. in Economics, Houston University, USA.
2009	M.A. in Financial Economics, Kyiv School of Economics, Ukraine.
2008	M.S. in Statistics, Taras Shevchenko National University of Kyiv, Ukraine
2006	B.S. in Mathematics, Taras Shevchenko National University of Kyiv, Ukraine

Research Fields

Time Series Econometrics, Financial Econometrics, Macroeconomics.

Working Papers

2017 — "Stationary Threshold Vector Autoregressive Models", Job Market Paper (joint with Lars Stentoft)

This paper examines the steady state properties of the Threshold Vector Autoregressive model. Assuming the trigger variable is exogenous and the regime process follows a Bernoulli distribution, necessary and sufficient conditions for existence of stationary distribution are derived. A situation related to so-called "locally explosive models'", where the stationary distribution exists though the model is explosive in one regime, is analyzed. Simulations show that locally explosive models can generate some of the key properties of financial and economic data. They also show that assessing the stationarity of threshold models based on simulations might well lead to wrong conclusions.

2017 — "Modelling the Distribution of Interest Rates"

I model the distribution of the interest rate increments of the Canadian Government Bonds during normal times and Zero Lower Bound period. I examine the properties of the interest rate around zero lower bound and show that the whole distribution of the interest rate changes. To capture this effect, I propose to use the mixture of t-scaled and Gaussian distributions with time-varying weights. The estimated mixture of distributions model defines two different distributions with the sharp transition between them around 0.9% level of interest rate. I show that the resulting model leads to more accurate empirical performance when compared to standard models used in the literature.

2016 — "Stock Market Liquidity and Volatility: A Non-Linear Approach"

I study the stock market liquidity and volatility relation over the period of 2000 – 2015 in multivariate regime switching setting. I build a tractable TVAR model of volatility and liquidity with two regimes, which are defined endogenously by the past level of market liquidity. I find supporting evidence that the link between market liquidity and volatility is non-linear and this result is robust for all stocks. My model demonstrates that the relationship between market liquidity and volatility is stronger when market liquidity is low.

Conference & Workshop Presentations

2017	13rd CIREQ Ph.D. Students' Conference, Montreal, Canada, "Stock Market Liquidity and Volatility: A Non-Linear Approach".
2016	Northern Finance Association Annual Meeting, Mont Tremblant, Canada, "Stationary Threshold Vector Autoregressive Models".
2016	4rd Annual Doctoral Workshop in Applied Econometrics, Toronto, Canada, "Stationary Threshold Vector Autoregressive Models".

Teaching Fields

Econometrics, Macroeconomics, Microeconomics.

Teaching Experience

University of Western Ontario, London, ON

Summer, 2017	Instructor, Intermediate Microeconomic Theory I.
Summer, 2016	Instructor, Intermediate Microeconomic Theory I.
Fall, 2016	TA, Econometrics, Graduate Class.
Winter, 2015	TA, Econometrics.
Fall, 2013 – Winter, 2014	TA, Senior Research Seminar in Economics, Graduate Honors Class.
Fall, 2012 – Winter, 2013	TA, Principles of Microeconomics and Macroeconomics.

Kyiv School of Economics, Kyiv, Ukraine

Fall, 2008 – Winter, 2009	TA, Macroeconomics and Intermediate Macroeconomic

Professional Experience

2017	Research Assistant, Prof. Lars Stentoft, UWO.
2015	Research Assistant, Prof. George Athanassakos, Ivey Business School.
2014	Research Assistant, Prof. Nirav Mehta, UWO.
2011 – 2012	Business Analyst / Consultant, 4iConsulting.
2009 – 2010	Research Assistant; Center for the Study of Auctions, Procurements and Competition Policy, USA
2008	Junior Analyst (Intern position); Citi, Ukraine.

Fellowships & Awards

2016 – 2017	Ontario Graduate Scholarship.
2012 – 2016	University of Western Ontario Graduate Fellowship.
2007 – 2009	KSE Graduate School Tuition Scholarship.
2002 – 2008	Tuition Scholarship.

Other Skills

Computer Skills:	MATLAB, STATA, Fortran, E-Views, Bloomberg monitor, LaTeX, Microsoft Office.
Languages:	English (fluent), Ukrainian (Native), Russian (Fluent)

References

Lars Stentoft (co-advisor)
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