

# Report on Rigorous Thesis

Institute of Economic Studies, Faculty of Social Sciences, Charles University in Prague

Student:	Mgr. Radek Janhuba
Advisor:	Doc. Roman Horváth, Ph.D.
Title of the thesis:	Volatility Spillovers in New Member States: A Bayesian Model

## OVERALL ASSESSMENT (provided in English, Czech, or Slovak):

The author uses Bayesian-econometrical tools to study volatility spill-overs and mechanisms of shock transmission between markets in the Central European region, namely Czech Republic, Poland and Hungary.

The topic is definitely on the edge of current research and I believe that the results of the author might be of interest to people working in this field. The author clearly illustrates his understanding of Bayesian methods and application to data, together with rather advanced programming in Matlab.

The thesis is well structured and the arguments are properly used. When necessary, the author provides useful comments that illuminates nontrivial theory of Bayesian econometrics. The author successfully eliminated all shortcomings from the earlier version that was submitted as a master thesis. Moreover, I would suggest to publish the results presented in this thesis in a suitable scientific journal.

I recommend grade 1 (excellent).

## SUMMARY OF POINTS AWARDED (for details, see below):

CATEGORY	POINTS
Literature (max. 20 points)	19
Methods (max. 30 points)	29
Contribution (max. 30 points)	29
Manuscript Form (max. 20 points)	18
<b>TOTAL POINTS</b> (max. 100 points)	<b>95</b>
(doporučuji, nedoporučuji)	Doporučuji 1

NAME OF THE REFEREE: RNDr. Michal Červinka, Ph.D.

DATE OF EVALUATION:

October 10, 2013



Referee Signature

**EXPLANATION OF CATEGORIES AND SCALE:**

**LITERATURE REVIEW:** *The thesis demonstrates author's full understanding and command of recent literature. The author quotes relevant literature in a proper way.*

Strong            Average            Weak  
20                10                0

**METHODS:** *The tools used are relevant to the research question being investigated, and adequate to the author's level of studies. The thesis topic is comprehensively analyzed.*

Strong            Average            Weak  
30                15                0

**CONTRIBUTION:** *The author presents original ideas on the topic demonstrating critical thinking and ability to draw conclusions based on the knowledge of relevant theory and empirics. There is a distinct value added of the thesis.*

Strong            Average            Weak  
30                15                0

**MANUSCRIPT FORM:** *The thesis is well structured. The student uses appropriate language and style, including academic format for graphs and tables. The text effectively refers to graphs and tables and disposes with a complete bibliography.*

Strong            Average            Weak  
20                10                0

**Overall grading:**

TOTAL POINTS	GRADE		
81 – 100	1	= excellent	= výborně
61 – 80	2	= good	= velmi dobře
41 – 60	3	= satisfactory	= dobře
0 – 40	4	= fail	= nedoporučuji k obhajobě