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P A T R A S
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ

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A dissertation submitted in partial fulfilment of the requirements for the degree
of Master of Science in Applied Economics & Data Analysis

School of Economics and Business

Department of Economics

Master of Science

“Applied Economics and Data Analysis”

Month Year

University of Patras, Department of Economics

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Three-member Dissertation Committee

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was submitted by **Your name, SID 1234567**, in partial fulfilment of the requirements for the degree of Master of Science in “ *Applied Economics & Data Analysis*” at the University of Patras, Department of Economics and was approved by the Dissertation Committee Members.

I would like to dedicate my dissertation to...

Acknowledgments

I would like to express my sincere gratitude to...

Summary

In this dissertation...

Keywords: Keyword1, Keyword2, Keyword3, Keyword4...

Περίληψη

Στην παρούσα διπλωματική εργασία...

Λέξεις κλειδιά: Λέξεις κλειδιά1, Λέξεις κλειδι2, Λέξεις κλειδιά3, Λέξεις κλειδιά4...

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Chapter 3

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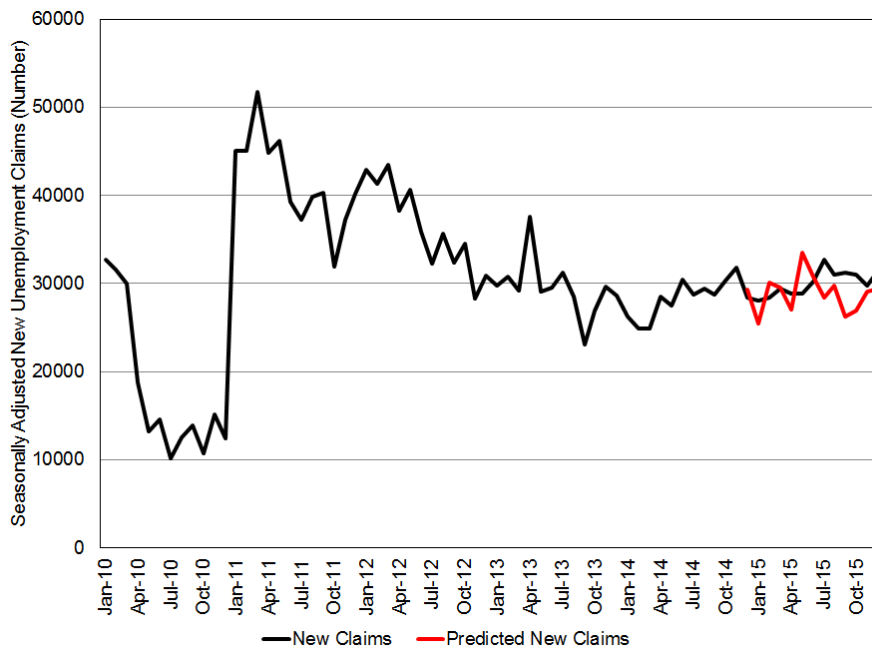
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The in-sample prediction is presented in Figure 3. Evidently, the real-time predictor tracks the official data for the unemployment benefits initial claims.

Figure 1: Real-time Predictor for the initial claims for unemployment benefits



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Chapter 4

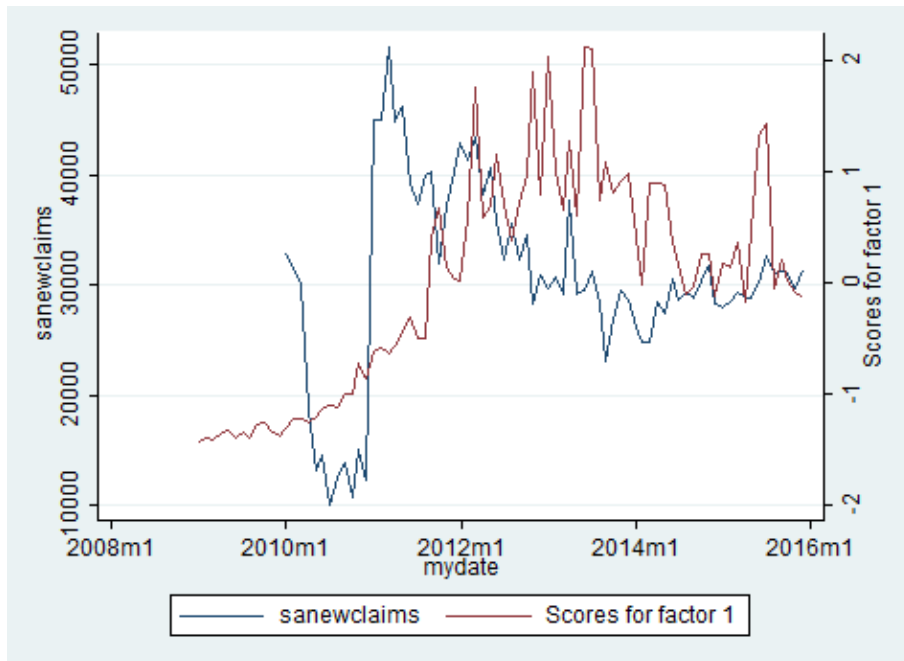
Economic Analysis

4.1 Title

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The in-sample prediction is presented in Figure 3. Evidently, the real-time predictor tracks the official data for the unemployment benefits initial claims.

Figure C.1: Initial Claims for Unemployment Insurance and Job Loss and Unemployment Factor 1



Appendix D

Chapter 4

Table D.1. *Weekly Correlation of Job Loss & Unemployment Signals*

	A	B	B	Γ	E	Z	H	Θ	f1	f2	f3	f4
αν- εργη	1											
ανεργη	0.01	1										
ανεργος	0.01	0.01	1									
απολυθηρα	0.01	0.01	0.01	1								
απολυομαι	0.01	0.01	0.01	0.01	1							
απολυση	0.01	0.01	0.01	0.01	0.46	1						
* δουλεια	0.01	0.05	0.62	0.50	0.46	0.18	1					
* εργασια	0.14	0.03	0.17	0.09	0.146	0.18	0.03	1				
απολυμενος	0.217	0.023	0.30	0.25	0.40	0.22	0.03	0.22	0.03	-0.07	-0.09	1
Total	0.05	0.14	0.30	-0.53	0.126	0.271	0.25	0.22	0.03	-0.07	-0.09	1

Notes: * denotes the greek word *εχασα*.

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