ITAMAR CASPI

Curriculum Vitae

July 30, 2019

CONTACT

Research Department, Bank of Israel, P.O. Box 780, Jerusalem, Israel.

(+972) 02-6552650

caspi.itamar@gmail.com

itamarcaspi.rbind.io

github.com/itamarcaspi

RESEARCH INTERESTS

Applied macroeconomics and finance, time-series and panel data econometrics, causal inference, big data, and machine learning.

EXPERIENCE

2019–present	*Head of Monetary Analysis Unit*, Research Department, **Bank of Israel**
2012–2019	*Senior Economist*, Research Department, **Bank of Israel**
2010–2012	*Economist*, Research and Economics Department, **Israeli Ministry of Finance**

EDUCATION

2014–Present	***Ph.D. candidate***, Econometrics, **Bar-Ilan University**, Israel Dissertation title: “Essays on Econometric Tests for Asset Price Bubbles.” Advisor: Prof. Offer Lieberman.
2013	***M.A.***, Economics, **The Hebrew University of Jerusalem**, Israel Thesis title: “The ‘Bachar’ Reform and Bank Lending: A Test for a Structural Break.” Advisor: Prof. Michael Beenstock.
2009	***B.A.***, Economics and Business Administration, **Ben-Gurion University**, Israel Awards: Graduated with highest honors, Dean’s list (2^{nd} year)

FELLOWSHIPS

2018	Central Bank Research Fellowship, Monetary and Economics Department, **Bank for International Settlements (BIS)**.

PUBLISHED PAPERS

1. Caspi, I. (2016). “Testing for a Housing Bubble at the National and Regional Level: The Case of Israel.” *Empirical Economics*, 51(2), 438–516.
2. Caspi, I. (2017). “Rtadf: Testing for Bubbles with EViews.” *Journal of Statistical Software*, 81, Code snippet.
3. Caspi, I., Graham, M. (2017). “Testing for Bubbles in Stock Markets with Irregular Dividend Distribution. *Finance Research Letters*, 26, 89–94.
4. Caspi, I., Katzke, N., & Gupta, R. (2018). “Date-Stamping Historical Oil Price Explosivity: 1876 – 2014.” *Energy Economics*, 70, 582–587.

WORK IN PROGRESS

1. “A Panel Data Test for Exuberance with an Application to OECD House Prices.”
2. “Empirical Distribution Functions for the SADF and GSADF Tests for Bubbles.”
3. “Does Guilt Affect Performance? Evidence from Unjustified Penalty Calls” (with Yuval Mazar, Noam Michelson, and Shay Tsur).

BOOK CHAPTERS

1. Caspi, I, Baudot-Trajtenberg, N. (2018) “Measuring the Importance of Global Factors in Determining Inflation in Israel” BIS Papers chapters, in: Bank for International Settlements (ed.), *Globalisation and deglobalisation*, volume 100, pages 183-208 Bank for International Settlements.

NON–REFEREED PUBLICATIONS

1. *Box 3.2. The Factors Affecting the Development of Inflation in Israel in the Short-Run.* Bank of Israel Annual Report 2016. Bank of Israel.
2. *Chapter 3: Monetary Policy and Inflation*. Bank of Israel Annual Report 2017. Bank of Israel.
3. *Box 3.1. Global Factors and their Contribution to Inflation in Israel.* Bank of Israel Annual Report 2017. Bank of Israel.
4. *Chapter 3: Monetary Policy and Inflation*. Bank of Israel Annual Report 2018. Bank of Israel.

SOFTWARE

1. Caspi, I. (2017). Rtadf: Testing for Bubbles with EViews. https://www.jstatsoft.org/article/view/v081c01
2. Caspi, I. (2018). rtadfr: Testing for Bubbles with R. Version 0.1.0.9000. https://itamarcaspi.github.io/rtadfr/
3. Caspi, I., Phillips, P. C. B., & Shi, S. (2018). psymonitor: Real-Time Monitoring of Asset Markets. R package version 0.0.1, https://itamarcaspi.github.io/psymonitor/

PRESENTATIONS

2014	Bank of Israel, DIW Macroeconometrics Workshop, Berlin;
2015	Bank of Israel, Computational and Financial Econometrics (CFE 2015), London; Economic Modeling and Forecasting, CCBS, Bank of England, London.
2016	Department of Environmental Economics and Management (Hebrew University of Jerusalem), Rehovot, Israel; 4th RCEA Time Series Workshop, Rimini, Italy; Bank of Israel; Economics Phd Workshop, Bar-Ilan University;
2017	Bank of Israel; Economics Phd Workshop, Bar-Ilan University; BoI-SNB-CEPR Conference on FX Interventions, Jerusalem, Israel.
2018	Bank of Israel; Economics Phd Workshop, Bar-Ilan University; Bank for International Settlements.

TEACHING

2018–Present	*Lecturer (non-faculty)*, The Hebrew University of Jerusalem, Israel. Machine Learning for Economists.
2012–Present	*Lecturer*, Research Department, Bank of Israel. Big Data and Machine Learning for Economist; Introduction to Bayesian Econometrics; Special Topics in Time-Series Econometrics.
2009–2012	*Teaching assistant*, Economics Department, The Hebrew University of Jerusalem. Introduction to Economics; Intermediate Macroeconomics; The Housing Market.
2008–2009	*Teaching assistant*, Economics Department, Ben-Gurion University. Intermediate Macroeconomics

REFEREEING

Real Estate Economics, Empirical Economics, Energy Economics.

PROGRAMMING SKILLS

R, SQL, Matlab, EViews, Markdown, STATA, LaTeX. Basic knowledge: Python, Julia.

LANGUAGES

Hebrew - native. English - fluent (speaking, reading, writing).

HOBBIES

Guitar, soccer, philosophy of science.