

IGOR FERREIRA BATISTA MARTINS

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PUBLISHED PAPERS

What Events Matter For Exchange Rate Volatility?

Martins, I.F.B. and Lopes, H.F., 2025. Quarterly Review of Economics and Finance, 104. 102073.

Good Volatility, Bad Volatility and the Cross Section of Commodity Returns

Kiss, T. and Martins, I.F.B., 2025. Finance Research Letters, 86. 108656.

Stochastic Volatility Models with Skewness Selection

Martins, I.F.B. and Lopes, H.F., 2024. Entropy, 26(2). 142.

WORKING PAPERS

Disaggregated impulse response functions via the classifier-Lasso

Coauthored with M. Bandeira.

Status: R&R - Journal of Applied Econometrics

Conferences: Brazilian Econometrics Meeting (2025)

Fast and Slow Level Shifts in Intraday Stochastic Volatility

Coauthored with A. Virbickaite, H. Nguyen and H. F. Lopes.

Status: Awaiting referee scores - Journal of Financial Econometrics

Conferences: CFE-CMStatistics (2025), ESOBE (2025) and Brazilian Time Series and Econometrics Meeting (2025)

Volume-driven time-of-day effects in intraday volatility models

Coauthored with A. Virbickaite, H. Nguyen and H. F. Lopes.

Status: Under review - International Journal of Forecasting

Long-Run Interest Rate Differentials and the Profitability of Currency Carry

Coauthored with M. M. Kaebi.

Status: Under review - Journal of Empirical Finance.

WORK IN PROGRESS

Stochastic Dynamic Correlations with Exogenous Shifts

Coauthored with S. Karlsson, T. Kiss and S. Mazur.

Conferences: ESOBE (2025) and Bayesian Macroeconometric Workshop (2025).

Winner of the Melbourne Business School Travel Grant for young researchers.

Nowcasting intraday volatility

Coauthored with A. Virbickaite and H. Nguyen.

Dynamic momentum learning

Coauthored with B. Levy and H. F. Lopes

Bayesian Heterogeneous Local Projections

Coauthored with M. Bandeira.

Unrestricted order-invariant dynamic combination of covariance matrices

Portfolio Management in an Eventful World

TEACHING EXPERIENCE

Örebro University (Sweden)

Lecturer - Econometrics (Spring, 2026)
Supervisor - Master thesis in Finance (Fall, 2025)
Lecturer - Macroeconomic Forecasting (Fall, 2025)
Co-supervisor - PhD thesis in Statistics (Spring, 2025 - Current)
Supervisor - Master thesis in Statistics (Spring, 2025)
Lecturer - Econometrics (Spring, 2025)
Guest Lecturer - Macroeconomic Forecasting (Fall, 2024)
Guest Lecturer - Economic Research and Communication (Fall, 2024)

Inspira (Brazil)

Graduate Teaching Assistant - Time Series Econometrics (January 2023 - April 2023)
Graduate Teaching Assistant - Time Series Econometrics (January 2022 - April 2022)
Graduate Teaching Assistant - Bayesian Learning (April 2021 - July 2021)
Graduate Teaching Assistant - Asset Pricing (January 2021 - March 2021)

University of São Paulo (Brazil)

Graduate Teaching Assistant - Microeconomics (January 2021 - March 2021)

Federal University of São Carlos (Brazil)

Undergraduate Teaching Assistant - Calculus 1 (March 2012 - November 2012)

PEDAGOGICAL COURSES

Örebro University (Sweden)

Foundations of teaching and learning (Fall, 2025)
Developing teaching and learning (Registered - Spring, 2026)
Legal certainty and effectiveness in teaching (Registered - Spring, 2026)

University of São Paulo (Brazil)

Pedagogical Preparation for Higher Education Teaching (2019)

OTHER WORK EXPERIENCE

Örebro University

Postdoctoral Researcher

September, 2024 - Current Position

Kapitalo Investments

Quantitative Researcher focused on volatility modeling.

February 2022 - August, 2024

Inspira, Center for Finance, São Paulo

Research assistant responsible for developing risk factors databases for stock and fixed income markets.

January 2021 - December 2022

BM&F Bovespa, São Paulo

Intern responsible for maintenance of financial stress reports.

January 2016 - December 2016

EDUCATION

Inspere

January 2020 - February 2024

PhD in Economics

Advisor: Prof. Dr. Hedibert Freitas Lopes

Thesis: Essays in Bayesian Financial Econometrics

University of São Paulo

January 2018 - April 2020

Master of Science in Economics

Advisor: Prof. Dr. Márcio Poletti Laurini.

Thesis: Macroeconomic forecasting using DFM: A sparse principal components approach

Federal University of São Carlos

March 2011 - December 2016

Bachelor of Science in Electrical Engineering.

1st place, Class of 2016

Advisor: Prof. Dr. Ricardo Augusto Souza Fernandes

Norwegian University of Science and Technology

August 2014 - July 2015

Visiting Scholar

LANGUAGES

English (Fluent; TOEFL iBT score: 107/120), Portuguese (Native), Swedish (A2/B1)