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, Accepted)

Fast and Slow Level Shifts in Intraday Stochastic Volatility
Coauthored with A. Virbickaite, H. Nguyen and H. F. Lopes.
Status: Submitted - Journal of Financial Econometrics
Conferences: CFE-CMStatistics (2025, Accepted), 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: Submitted - International Journal of Forecasting

Long-Run Interest Rate Differentials and the Profitability of Currency Carry
Coauthored with M. M. Kaebi.
Status: Submitted - 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.

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)
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)

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

University of São Paulo (Brazil)
Pedagogical Preparation for Higher Education Teaching (2019)

OTHER WORK EXPERIENCE

Örebro University   *September, 2024 - Current Position*
Postdoctoral Researcher

Kapitalo Investments   *February 2022 - August, 2024*
Quantitative Researcher focused on volatility modeling.

Insper, Center for Finance, São Paulo   *January 2021 - December 2022*
Research assistant responsible for developing risk factors databases for stock and fixed income markets.

BM&F Bovespa, São Paulo   *January 2016 - December 2016*
Intern responsible for maintenance of financial stress reports.

EDUCATION

Insper   *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)