

# IGOR FERREIRA BATISTA MARTINS

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## PUBLISHED PAPERS

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### **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

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### **Disaggregated impulse response functions via the classifier-Lasso**

Cauthored with M. Bandeira.

**Status:** R&R - Journal of Applied Econometrics

**Conferences:** Brazilian Econometrics Meeting (2025)

### **Fast and Slow Level Shifts in Intraday Stochastic Volatility**

Cauthored 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**

Cauthored 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**

Cauthored with M. M. Kaebi.

**Status:** Under review - Journal of Empirical Finance.

## WORK IN PROGRESS

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### **Stochastic Dynamic Correlations with Exogenous Shifts**

Cauthored 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**

Cauthored with A. Virbickaite and H. Nguyen.

### **Dynamic momentum learning**

Cauthored with B. Levy and H. F. Lopes

### **Bayesian Heterogeneous Local Projections**

Cauthored with M. Bandeira.

### **Unrestricted order-invariant dynamic combination of covariance matrices**

# Portfolio Management in an Eventful World

## TEACHING EXPERIENCE

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### 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)

### 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

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### 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

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### Örebro University

Postdoctoral Researcher

*September, 2024 - Current Position*

### Kapitalo Investments

Quantitative Researcher focused on volatility modeling.

*February 2022 - August, 2024*

### Insper, 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**

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**Inspur**

PhD in Economics

Advisor: Prof. Dr. Hedibert Freitas Lopes

Thesis: Essays in Bayesian Financial Econometrics

*January 2020 - February 2024***University of São Paulo**

Master of Science in Economics

Advisor: Prof. Dr. Márcio Poletti Laurini.

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

*January 2018 - April 2020***Federal University of São Carlos**

Bachelor of Science in Electrical Engineering.

Advisor: Prof. Dr. Ricardo Augusto Souza Fernandes

*March 2011 - December 2016**1st place, Class of 2016***Norwegian University of Science and Technology**

Visiting Scholar

*August 2014 - July 2015*

## **LANGUAGES**

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