Antoine Hubert de Fraisse

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EDUCATION

HEC Paris — 2019-Present
Ph.D. in Finance

Columbia Business School - Columbia University — Winter-Spring 2024
Visiting Scholar, Finance Group - Sponsor: Olivier Darmouni

Booth School of Business - The University of Chicago — Spring 2023
Visiting Scholar, Finance and Macroeconomics Groups - Sponsor: Kilian Huber

The London School of Economics and Political Science — 2016-2017
MSc Finance and Economics (Distinction)

Toulouse School of Economics — 2013-2016
BSc Economics and Mathematics

RESEARCH INTERESTS

Primary: Macro-Finance, Corporate Finance, Financial Intermediation
Secondary: Asset Pricing, Macroeconomics

REFERENCES

Bruno Biais
Professor of Finance
HEC Paris
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Thierry Foucault
HEC Foundation Chaired Professor of Finance
HEC Paris
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Johan Hombert (Advisor)
Professor of Finance
HEC Paris
hombert@hec.fr

David Sraer
Professor of Finance & Professor of Economics
Haas School of Business & Department of Economics, UC Berkeley
sraer@berkeley.edu

JOB MARKET PAPER

Crowding Out Long-Term Corporate Investment: The Role of Long-Term Government Debt Supply

Abstract: Using large, plausibly exogenous shocks to the maturity structure of U.S. government debt, I provide the first causal evidence that the supply of long-term government debt affects the duration of corporate investment. I find that an increase in the supply of long-term government debt increases long-term discount rates, crowding out long-duration investment. This crowding-out effect reallocates capital from long-duration investment towards short-duration investment. This reallocation occurs across industries, within industries across firms, and within firms across divisions. I provide evidence that this reallocation depends on investment duration but is independent of firms' capital structure. Due to the prevalence of asset-liability maturity matching, the resulting variation in aggregate investment duration explains a sizable share of the variation in aggregate corporate debt maturity. My findings imply that policies which influence the net supply of long-term bonds, such as public debt management and central bank quantitative easing or tightening, affect the composition of corporate investment.

Selected Presentations: Banque de France (scheduled), INSEAD/Collège de France (scheduled), EFA Doctoral Tutorial (2024), SFS Cavalcade North America (2024), UCLA Anderson (2024), Berkeley Haas (2024), Columbia Business School (2024), The Chicago Booth Treasury Markets Conference (2024), Dauphine Finance PhD Workshop (2024), AFA (2024), SED (2023), FIRS (2023), Adam Smith Workshop (2023), Chicago Booth Finance Brownbag (2023), MFA (2023), FIFI Conference (2022), FIRS Ph.D. Student Session (2022).
Posters: 21st Macro-Finance Workshop of the Macro Finance Society (2023), Macro Finance Research Program Summer Session for Young Scholars at UChicago (2022).

WORKING PAPERS

How Large Is Too Large? A Risk-Benefit Framework for Quantitative Easing, with Adrien d'Avernas (Stockholm School of Economics), Liming Ning (UChicago Booth), and Quentin Vandeweyer (UChicago Booth)

Abstract: This work proposes a framework to study the risk-benefit trade-off of quantitative easing (QE) for the consolidated government, integrating the central bank and treasury department. In a simple model with distortionary taxes, nominal frictions, and a zero lower bound, we characterize the optimal size of a QE program as equalizing the marginal benefit from stimulating output to the marginal cost of induced rollover risk for taxpayers. A conservative quantification of this trade-off suggests that QE programs in the US made a positive net present contribution to welfare.

Selected Presentation: Bank of England (scheduled), Stanford SITE (2024), HEC (2024).

Loan Spreads and Interest Rates: The Role of The Deposit Channel and Lending Market Power, with Pierre Dubuis (Bank of England)

Abstract: We present evidence that loan spreads earned by banks over marketable interest rates are, in the French business lending context, inversely related to the level of short-term interest rates. Controlling for the pricing of credit and interest rate risks, we show that this negative correlation is consistent with a credit supply shock: banks who increase loan spreads more when interest rates decline also experience lower growth in credit supply. We find empirical support for theories that link frictions in the deposit-taking business to lending outcomes of financially constrained banks. Lower rates compress deposit spreads earned by banks, prompting constrained banks to reduce lending, and explaining the rise in loan spreads. We also find support for a complementary channel, lending market power. Specifically, lenders with higher market share and borrowers facing a higher "hold-up problem" are associated with a lower interest rate pass-through. Finally, we provide novel evidence of negative real effects on corporate financing and investment for firms borrowing from banks with lower interest rate pass-through.

RESEARCH IN PROGRESS

Preferred-Habitat Supply, with David Sraer (UC Berkeley)

The Persistent Effects of Long-Term Credit Supply, with Xinyu Lu (HEC Paris)

POLICY PAPERS

From Cash- to Securities-Driven Euro Area Repo Markets: the Role of Financial Stress and Safe Asset Scarcity, ECB Working Paper #2232, with Claus Brand and Lorenzo Ferrante

TEACHING EXPERIENCE

Lecturer, Financial Markets (MSc), HEC Paris — 2021

Teaching Assistant, Financial Markets (MSc), HEC Paris — 2020, 2021

RELEVANT WORK EXPERIENCE

Research assistant to Prof. David Sraer (UC Berkeley) and Prof. Camille Landais (LSE) 2023

Research assistant to Prof. David Thesmar (MIT Sloan) and David Sraer (UC Berkeley) 2022

Research assistant to Prof. Adrien Matray (Princeton) 2019-2020

EUROPEAN CENTRAL BANK
Research Analyst, *Monetary Policy Strategy Division* 2018-2019
Trainee, *Monetary Policy Strategy Division* 2017-2018

PERCEVA
Private Equity Intern 2016

CONFERENCE AND SEMINAR PRESENTATIONS

2025: Bank of England*

2024: Banque de France*, INSEAD/Collège de France*, Stanford SITE†, HEC, EFA Doctoral Tutorial, SFS Cavalcade NA, UCLA Anderson, Berkeley Haas, Columbia University (Financial Economics Colloquium), Columbia Business School, The Chicago Booth Treasury Markets Conference, Dauphine Finance PhD Workshop, Economic Letters Summer School at Bocconi, American Finance Association, HEC Paris Brownbag

2023: Society for Economic Dynamics Annual Meeting, Financial Intermediation Research Society Annual Meeting, Macro-Finance Workshop of the Macro Finance Society, Chicago Booth Finance Brownbag, Adam Smith Workshop, Midwest Finance Association

2022: Fixed Income and Financial Institutions Conference, Macro Finance Research Program Summer Session for Young Scholars at UChicago's BFI, FIRS Annual Meeting Ph.D. Student Session, Conference of the French Finance Association, European Financial Management Association

2021: HEC Paris Brownbag

2018: European Winter Meeting of the Econometric Society

*scheduled, †presentation by co-authors

GRANTS AND HONORS

HEC Foundation Scholarship 2019-2025
Ecole Universitaire de Recherche (EUR) Research Grant 2022-2025
HEC Mobility Scholarship 2023, 2024
Travel Grant for EFA Doctoral Tutorial 2024
Travel Grant for The 21st Workshop of the Macro Finance Society (Poster Session presenter) 2023
Travel Grant for BFI Macro Finance Research Young Scholars Summer Session participants 2022
Travel Grant for Financial Intermediation Research Society (FIRS) for Ph.D. presenters 2022

SOFTWARE AND PROGRAMMING

R, Python, Stata, MATLAB, SQL, LaTeX

LANGUAGES

French (native), English (fluent), Spanish (intermediate), Bulgarian (beginner)