

PEIYI JIN

Email: jn_peiyi@u.nus.edu | **Tel:** +65 8934 3130 | **Website:** <https://peiyi-jin.github.io/>

Meet me at: **AEA** and **AFA** PhD Poster Session, Philadelphia (Jan 3-5, 2026)

RESEARCH INTEREST

Fintech, Household Finance

EDUCATION

National University of Singapore

Doctor of Philosophy in Economics.

Singapore

Expected 2026.7

Ph.D. Dissertation: Risks and Impacts of Digital Technologies on Financial Markets

Cornell University

Visiting PhD Student in Cornell SC Johnson College of Business

Ithaca, NY, USA

2025.1 - 2025.6

Southwestern University of Finance and Economics

B.Sc. in Financial Engineering

Sichuan, China

2020

University of California, Berkeley

Visiting Undergraduate in Economics

Berkely, CA, USA

2018.8 - 2019.6

REFERENCES

Sumit Agarwal (Head of committee)

Low Tuck Kwong Distinguished Professor
of Finance

Professor of Economics and Real Estate

NUS Business School

National University of Singapore

Director, Sustainable and Green Finance Institute

President, Asian Bureau of Finance and Economic
Research

ushakri@yahoo.com | Phone: (+65) 6516 8119

<https://www.ushakrisna.com/>

Eswar Prasad

Tolani Senior Professor of Trade Policy

Professor of Economics

Charles H. Dyson School of Applied Economics and
Management

Cornell University

Senior Fellow, Brookings Institution (New Century
Chair in International Economics)

Research Associate, NBER

eswar.prasad@cornell.edu | Phone: (+1) 607 255 5687

<https://prasad.dyson.cornell.edu/>

Ben Charoenwong

Associate Professor of Finance (without tenure)
INSEAD

Affiliated Faculty, NUS FinTech Lab

Asian Institute of Digital Finance

ben.charoenwong@insead.edu

[https://sites.google.com/view/](https://sites.google.com/view/bencharoenwong)

[bencharoenwong](https://sites.google.com/view/bencharoenwong)

Daniel Rabetti

Visiting Assistant Professor

Harvard Business School

Assistant Professor of Accounting and Finance

S. Dhanabalan Chair in Quantitative Studies

NUS Business School

National University of Singapore

drabetti@hbs.edu | Phone: (+1) 617 495 1449

<https://www.danielrabetti.me/>

RESEARCH

► 1. Digital Salience and Consumption Elasticity: Evidence from a Real-Time Feedback Intervention (JMP)

- **Abstract:** This paper examines how digital technologies reshape household spending responses by increasing the salience of consumption. I study a government-led program in Singapore that delivers real-time electricity usage information through a mobile app. Leveraging proprietary bank transaction data and a staggered rollout design, I find that treated households reduce monthly utility payments by about \$21. These adjustments are not driven by price changes or liquidity constraints, but by heightened cognitive attention to consumption. The intervention also generates spillovers: households lower spending on paper products, carbon-intensive foods, and ride-hailing services. Nearby untreated residents exhibit similar patterns, suggesting spatial diffusion of salience. The findings challenge the Permanent Income Hypothesis by showing that visibility increases short-run consumption elasticity. Digital salience raises marginal propensities to consume especially among liquidity-constrained households with implications for fiscal and monetary policy transmission in heterogeneous-agent models.

► 2. Tax-Motivated Borrowing and Default Risk in Decentralized Lending (Under Review)

with [Lisa De Simone](#) and [Daniel Rabetti](#)

- **Abstract:** This study examines the link between tax-planning-induced illiquidity and credit risks in lending markets. Exploiting an exogenous tax shock imposed on cryptocurrency gains and millions of transactions in Decentralized Finance (DeFi) lending, we document that tax-motivated borrowing strategies to defer capital gains taxes significantly reduce market liquidity. This effect is pronounced among individuals borrowing in stablecoins (a way to monetize returns), those with higher loan-to-value ratios (more risk-averse towards new regulations and typically with larger taxable gains), those with high returns in the underlying asset (representing larger taxable gains), and those holding locked-in assets for over a year (i.e., converting high short-term to lower long-term capital gains tax rates). Using instrumental variable analysis, we provide a plausibly causal relation between tax-planning-induced illiquidity and increased credit risks. A standard deviation increase in tax-induced illiquidity leads to a more than twofold increase in the value of defaulted loans. Our results remain robust across a battery of checks, including analyses of subsamples of highly tax-sensitive borrowers, and align with well-documented tax awareness periods. Overall, our insights are relevant to market participants, assist in estimating revenue losses for tax authorities, and inform emerging policies on the tax treatment of digital assets.

► 3. When Privacy Protects but Excludes: Screening, Enforcement, and Credit Access in Digital Markets (Under Review)

with [Sumit Agarwal](#), [Pulak Ghosh](#), [Shohini Kundu](#), [Nishant Vats](#), and [Xinbo Wang](#)

- **Abstract:** This paper studies how privacy regulation reshapes credit market equilibria by altering the balance between ex-ante screening and ex-post monitoring. Exploiting Google's 2019 ban on FinTech lenders access to Indian borrowers' call detail records (CDR) in a regression discontinuity design, we show that loan applications rose by 4%, consistent with borrowers valuing privacy. At the same time, approval rates fell by 25% with no change in default risk, as lenders substituted away from CDR-based monitoring toward stricter upfront screening. The resulting exclusion was concentrated among new-to-credit, lower-income, younger, and socially disadvantaged borrowers. Tracking rejected applicants in credit bureau data, we find their probability of accessing formal credit fell by 45 percentage points even four years later. For lenders, lost profits amounted to roughly 30% of potential earnings. Together, these findings reveal a central trade-off of digital privacy regulation: while enhancing consumer welfare on the demand side, it can unintentionally deepen financial exclusion and reduce lender profitability on the supply side.

► 4. Crypto Capture of Foreign Aid (Under Review)

with [Sumit Agarwal](#), [Eswar Prasad](#), and [Daniel Rabetti](#)

- **Abstract:** This paper investigates whether cryptocurrencies have emerged as a new channel for laundering diverted foreign aid. Using World Bank disbursement data from 2018 to 2024, linked with forensically tagged Bitcoin transactions and off-chain exchange data, we document systematic surges in anonymous crypto transactions after aid disbursements, especially through exchanges in tax haven jurisdictions. A one-standard-deviation increase in lagged aid is associated with a 0.51 log-point rise in anonymous transactions on tax haven exchanges about a 66% increase concentrated in newly created wallets and fading within two quarters. Our network and IV analyses highlight crypto's rising role in offshore concealment.

TEACHING EXPERIENCES

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|---|------|
| • Teaching assistant, Money and Banking, undergrad level, NUS | 2023 |
| • Teaching assistant, Money and Banking, undergrad level, NUS | 2022 |
| • Instructor, Junior Achievement Economics Workshop, high school level, SWUFE | 2017 |

PRESENTATIONS

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| • ABR-Fudan Conference, AFA PhD Session (scheduled), 38th Australasian Finance and Banking Conference PhD Forum (scheduled) | 2025 |
| • Tsinghua University Brownbag (SEM and PBC), NUS Accounting Brownbag | 2024 |
| • AI Global Finance Research Conference; 29th International Conference on Computing in Economics and Finance (CEF); Asian Meeting of the Econometric Society; NUS Economics Brownbag | 2023 |

HONORS

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|---|-------------------|
| • Research Funding, Asian Institute of Digital Finance, NUS (SGD 160K)
Project: Examining the Effects of Digital Private Information Exposure on Fintech Lender and Borrower Behaviors | Jun.2024-Jun.2025 |
| • Research Scholarship, Department of Economics, NUS | Aug.2024-Aug.2025 |
| • Research Scholarship, Ministry of Education (MOE), Singapore | Aug.2020-Aug.2024 |

- Undergraduate Exchange Scholarship, SWUFE Jan.2020-May.2020
- Outstanding Undergraduate Exchange Students, China Scholarship Council (CSC) Aug.2018-May.2019
- Academic Scholarship (SWUFE) Sep.2017-Jun.2018

ACADEMIC SERVICE

Reviewer for Review of Corporate Finance, Hawaii Accounting Research Conference