

Taisiya Sikorskaya

Assistant Professor of Finance

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| Academic Positions | University of Chicago Booth School of Business, United States Assistant Professor of Finance, 2024 - present |
| Education | London Business School, United Kingdom PhD in Finance, 2024 London Business School, United Kingdom MRes in Finance, 2019 University of St. Gallen, Switzerland MA in Quantitative Economics and Finance, 2017 Chelyabinsk State University, Russia Diplom (MSc) in Mathematical Methods in Economics and Operations Research, 2013. <i>Distinction</i> |
| Published Papers | <u>Strategic Arbitrage in Segmented Markets</u> (with S. Bryzgalova and A. Pavlova). <i>The Journal of Financial Economics</i> , 166, 2025. We propose a model in which arbitrageurs act strategically in markets with entry costs. In a repeated game, arbitrageurs choose to specialize in some markets, which leads to the highest combined profits. We present evidence consistent with our theory from the options market, in which suboptimally unexercised options create arbitrage opportunities for intermediaries. Using transaction-level data, we identify the corresponding arbitrage trades. Consistent with the model, only 57% of these opportunities attract entry by arbitrageurs. Of those that do, 49% attract only one arbitrageur. Finally, our paper details how market participants circumvent a regulation devised to curtail this arbitrage strategy. <u>Retail Trading in Options and the Rise of the Big Three Wholesalers</u> (with S. Bryzgalova and A. Pavlova). <i>The Journal of Finance</i> , 78(6), 2023, pp. 3465-3514. We document a rapid increase in retail trading in options in the U.S. Facilitated by payment for order flow (PFOF) from wholesalers executing retail orders, retail trading recently reached over 60% of the total market volume. Nearly 90% of PFOF comes from three wholesalers. Exploiting new flags in transaction-level data, we isolate wholesaler trades and build a novel measure of retail options trading. Our measure comoves with equity-based retail activity proxies and drops significantly during U.S. brokerage platform outages and trading restrictions. Retail investors prefer cheaper, weekly options, with the average bid-ask spread of a whopping 12.6%, and lose money on average. <u>Benchmarking Intensity</u> (with A. Pavlova). <i>The Review of Financial Studies</i> , 36(3), 2023, pp. 859–903. <i>Editor's Choice</i> . Benchmarking incentivizes fund managers to invest a fraction of their funds' assets in their benchmark indices, and such demand is inelastic. We construct a measure of inelastic demand a stock attracts, benchmarking intensity (BMI), computed as its cumulative weight in all benchmarks, weighted by assets following each benchmark. Exploiting the Russell 1000/2000 cutoff, we show that changes in stocks' BMIs instrument for changes in ownership of benchmarked investors. The resulting demand elasticities are low. We document that both active and passive fund managers buy additions to their benchmarks and sell deletions. Finally, an increase in BMI lowers future stock returns. |
| Working Papers | <u>The Hidden Cost of Stock Market Concentration: When Funds Hit Regulatory Limits</u> (with L. Pastor and J. Wang). <u>Sparse Portfolios and Benchmarking in Corporate Bond Markets</u> (with Z. Li and A. Pavlova). <u>Institutional Investor Mandates, Securities Lending, and Short-Selling Constraints</u> <u>Two APs Are Better Than One: ETF Mispricing and Primary Market Participation</u> (with E. Gorbatiukov) |

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| Refereeing | Journal of Finance; Journal of Financial and Quantitative Analysis; Journal of Financial Economics; Journal of Empirical Finance; Management Science; Review of Finance; Review of Economic Studies; Review of Financial Studies |
| Program Committee | European Finance Association; SFS Cavalcade North America; Western Finance Association |
| Discussions | AFA, AFBC, FIFI, FMA Derivatives, MFA, Red Rock |
| Conferences | Chicago Booth Asset Pricing Conference |
| Academic Presentations (external) | <p>2025: Australasian Finance and Banking Conference, Carnegie Mellon University, Georgia State University, Johns Hopkins University, Michigan State University, University of Notre Dame, Princeton University, University of Delaware, University of Maryland, UW Madison, WAPFIN at NYU Stern, Women in Microstructure Meeting</p> <p>2024: Adam Smith Workshop, AFA, ASSA Meetings, Bank of Canada, Columbia Business School, Cornell University, Duke's Fuqua School of Business, EFA*, FIRS, Harvard Business School, HEC Paris, London School of Economics, New York Fed*, NYU Stern School of Business, Purdue University, Stanford Graduate School of Business, University of Chicago Booth School of Business, USC Marshall School of Business, UT Austin McCombs School of Business, Virtual Derivatives Workshop*, Wharton School of the University of Pennsylvania, World Symposium on Investment Research, Yale School of Management</p> <p>2023: AFA*, Colorado Finance Summit*, Dauphine Finance PhD Workshop, HEC PhD Workshop on Incentives in Finance, Indiana University*, Junior Academic Research Seminar in Finance, NBER Asset Pricing Fall Meeting*, NFA, Q Group Spring Seminar*, SAFE Market Microstructure Conference, TADC, The Microstructure Exchange, Women in Microstructure Meeting, U.S. Securities and Exchange Commission*, USC Marshall PhD Conference in Finance, Vanguard seminar*</p> <p>2022: AFA (video), AFA*, Bank of America*, Cambridge Centre for Alternative Finance, CDI Annual Conference on Derivatives*, Chicago Fed, Indiana University*, London Quant Group*, NBER Asset Pricing Spring Meeting*, NBER Behavioral Finance*, NFA*, The Microstructure Exchange (video), TMX Group, University of Hong Kong*, University of Notre Dame*, Virtual Derivatives Workshop (video)</p> <p>2021: Adam Smith Workshop*, ASSA Meetings, EFA, European Winter Finance Conference, FMA*, INSEAD Finance Symposium*, MFA, NBER Behavioral Finance Spring Meeting*, NFA, SFS Cavalcade North America, University of Bath, World Symposium on Investment Research</p> <p><i>* Selected presentations by co-authors.</i></p> |
| Other Work Experience | <p>Bank of England, London, UK PhD Intern (part-time), 08/2021–04/2022</p> <p>London Business School Teaching Assistant (part-time), 2018–2021</p> <p>London School of Economics Research Assistant to Prof. Dimitri Vayanos (part-time), 2020–2021</p> <p>London Business School Research Assistant to Prof. Svetlana Bryzgalova (part-time), 2020</p> <p>ThirdYear Capital GmbH, Munich, Germany Global Macro Analysis Intern, 01/2017–04/2017</p> <p>Deutsche Asset Management, Deutsche Bank UK Assistant Portfolio Manager, ETF Portfolio Management, 10/2015–09/2016</p> <p>Deutsche Asset Management, Deutsche Bank Switzerland Working Student (part-time), Credit Portfolio Management, 10/2014–10/2015</p> |
| Other | <p>Languages: Russian (native), English (proficient), German (intermediate)</p> <p>Certifications: Completed Level III of CFA examination in 2016</p> |