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Research Interests **Primary:** Empirical Industrial Organization; Economics of Digitization
 Secondary: Applied Microeconomics; Competition Policy

References	Bruno Jullien Toulouse School of Economics bruno.jullien@tse-fr.eu	Timothy Simcoe Boston University tsimcoe@bu.edu
	Daniel Ershov UCL School of Management d.ershov@ucl.ac.uk	Alexandre de Cornière Toulouse School of Economics alexandre.de-corniere@tse-fr.eu

Education	Toulouse School of Economics Ph.D. in Economics M.Sc. in Economic Theory and Econometrics	2017-2023 (<i>expected</i>) 2015-17
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University of Mannheim B.Sc. in Economics	2012-15
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Academic Visits	Boston University: Technology and Policy Research Initiative & Questrom School of Business (6 months)	Jan-Jun 2022
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Yale School of Management (1 week)	Apr 2022
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Hong Kong University of Science and Technology (4 months, undergrad)	Sep-Dec 2014
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Working Papers [\[1\] Entry and Acquisitions in Software Markets](#)

Job Market Paper

- **Schumpeter Prize** for Best Student Paper in Antitrust, 2022.
- **Finalist, Lear Competition Festival Award**, 2021.

Abstract: How do acquisitions of young, innovative, venture capital-funded firms (startups) affect firms' incentives to enter a market? I create a product-level dataset of enterprise software, and use textual analysis to identify competing firms. Motivated by new stylized facts on startup acquisitions in software, I build and estimate a dynamic model of startups' entry decisions in the face of these acquisitions. In the model, acquisitions can affect returns to entry (1) by affecting market structure, and (2) by providing an entry-for-buyout incentive to potential entrants. Using the parameter estimates, I simulate how startup entry would evolve over time if merger control was tightened. The simulations reveal that, if all startup acquisitions were blocked, entry would decline on the order of 8-20% in some markets. In contrast, I find suggestive evidence that blocking mergers between established industry players and more mature startups might increase

entry. These findings indicate that case-by-case merger review can best foster sustained startup entry.

[2] How Do Online Product Rankings Influence Sellers' Pricing Behavior?

Abstract: Products that are displayed more prominently on e-commerce platforms are more likely to be found and purchased by consumers. The algorithms ranking these products, however, may condition a product's position in a listings page on its price. Using web-scraped data from hotels displayed on Expedia and an instrumental variable identification strategy, I find that the ranking algorithm tends to display hotels at *less* favorable positions at times at which they are priced *higher*. I provide a framework that employs these estimates jointly with demand parameters obtained from a sequential search model. I simulate a counterfactual scenario, and reveal that Expedia's ranking algorithm tends to intensify price competition between sellers compared to a random ranking. This increases consumer welfare, but reduces seller profits. My finding has consequences for two-sided platforms' optimal design of ranking algorithms: in order to foster adoption, platforms should carefully trade off benefits arising to the two sides, and consider equilibrium effects.

Work in Progress

Pass-through of Prices on E-Commerce Platforms

(with Jun Yan and Li Yu)

First Mover Advantage and Imitation in Product Innovation

(with Vatsala Shreeti)

Presentations

* scheduled

‡ cancelled

- 2023:** [MaCCI Annual Conference*](#) (Mannheim)
- 2022:** [Boston University Econ](#) (Empirical IO Reading Group)
[Questrom School of Business](#) (Strategy & Innovation Brown Bag)
[Technology and Policy Research Initiative](#) (Boston University)
[Trans-Atlantic Doctoral Conference](#) (online)
[EARIE](#) (Vienna)
[Jornadas de Economía Industrial](#) (Las Palmas)
[Universidad Carlos III Madrid](#) (Business Administration)
[University of Bristol](#)
[APPAM](#) (Washington D.C.)
[Católica Lisbon](#)
[KU Leuven](#) (MSI)
[NEOMA Business School Reims](#) (online)
- 2021:** [LED Young Economist Seminar](#) (Université Catholique de Louvain, online)
[Lear Competition Festival](#) (online)
- 2020:** [Workshop on Platforms, E-Commerce and Digital Economics‡](#) (CREST Paris)
[Trans-Atlantic Doctoral Conference‡](#) (London Business School)
[EBE Summer Meeting‡](#) (LMU Munich)
- 2019:** [Competition and Innovation Summer School](#) (Montenegro)
[EARIE](#) (Barcelona)

(Not listed: multiple workshop presentations at TSE in every year.)

Invited

Workshops

CEPR Paris Winter Symposium 2021 (postponed due to Covid-19)
[NBER Economics of Digitization](#): Tutorial (online, 2021)
[Digital Economics Research Network \(DERN\)](#) Workshop (Brussels, 2019)
[NBER Economics of Artificial Intelligence](#): Graduate Workshop (Toronto, 2019)

Teaching

Assistantships

Competition Policy Workshop (M.Sc.), TSE
Intermediate Econometrics (M.Sc.), TSE

Spring 2020-Fall 2021

Fall 2020

	Intermediate Econometrics (M.Sc.), TSE	Fall 2019
	Applied Econometrics (M.Sc.), TSE	Spring 2019
Research Assistantships	University of Mannheim: Collaborative Research Center “ Political Economy of Reforms ”; 12 months	2012-13
	Mannheim Center for European Social Research (MZES) ; 3 months	2011-12
Internships	UNIDO , Vienna (Austria); 4 months	2016
	Landesbank Hessen-Thüringen , Frankfurt (Germany); 2 months	2014
Scholarships & Grants	TSE Job Market Fellowship	2022
	ADRES Conference Travel Grant	2022
	UT1 Mobility Grant and EUR TSE Mobility Grant:	2022
	· Academic Visit to Boston University	
	Fondation Jean Jacques Laffont Scholarship	2021-22
	Toulouse School of Economics PhD Scholarship	2017-21
	Alfred P. Sloan Foundation: NBER Conference Sponsorship	2019
	PROMOS Scholarship , German Academic Exchange Service (DAAD)	2014
Awards	Schumpeter Prize , Best Student Paper on Antitrust	2022
	Finalist, Lear Young Talent Competition Award	2021
	Dean’s List , Hong Kong University of Science and Technology	2014
Referee Service	<i>Journal of Asian Economics</i>	
Professional Service	Mentoring and Organization, Women in Economics at TSE	2020-2022
	Coordinator, Applied Micro Workshop, TSE	Fall 2018
Technical Skills	Proficient: R, Python, MATLAB, \LaTeX Intermediate: STATA	
Languages	German (native), English (fluent), French (fluent), Mandarin (very basic)	

Updated December 2022