

# Elie Vidal-Naquet

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*Post-doctoral Fellow, Economics and Decision Sciences Department, HEC Paris*

## Research Fields

Urban Economics, Labor economics, Firms dynamics, Applied Econometrics

## References

**Christian Schluter**

Professor

Aix-Marseille School of Economics

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**Tomasz Michalski**

Associate Professor

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**Donald R. Davis**

Professor

Columbia University

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**Benoit Schmutz**

Associate Professor

CREST-IP Paris

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## Current position

Since 2023 **Post docotoral fellow, HEC Paris.**  
○ **Sponsor:** Tomasz Michalski

## Academics

- 2023 **PhD in Economics**, Aix Marseille School of Economics.  
○ **Supervisors:** Christian Schluter (AMSE)  
○ **Jury:** Clément Malgouyres (CREST), Claire Lelarge (Paris-Saclay), Jos van Ommeren (VU Amsterdam), Bruno Decreuse (AMSE)  
○ **Title:** Geography of jobs in France
- 2017 - 2019 **M.Sc. in Econometrics and Statistics**, ENSAE, with honors.
- 2016 - 2019 **M.Sc. in Economics**, Université Paris-Saclay, with honors.

## Research Visits

August-September 2022 **Vrije Universiteit Amsterdam**, *Spatial economics department*, sponsored by Jos Van Ommeren.

## Job Market Paper

**Mass-Layoffs and local monopsony power**

**Abstract:** *In this paper, I investigate the impact of mass layoffs on firms' monopsony power within (very) local labor markets. I find substantial differences across regions and sectors in the level of markdowns. With a sample of French firms, I estimate firm-level markdowns as a proxy for their monopsony power. Exhaustive matched employer-employee data enable me to identify mass layoffs. I use a difference-in-differences methodology relying on the assumption that*

exposure to the shock decreases with distance. I find that mass layoffs increase by 4% local firms' markdowns, with a more pronounced effect observed for firms very close to the mass layoff (less than 2.5 km). Furthermore, this impact is stronger in less densely populated areas, highlighting how shocks to local markets exacerbate disparities in monopsony power between regions. This increase in monopsony power is partly driven by displaced worker's distaste for long-distance reallocation.

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## Publication

"Why are Low-skilled Workers less Mobile? The Role of Mobility Costs and Spatial Frictions *Annals of Economics and statistics*, 2021, 142, pp. 283-304  
with Benoit Schmutz and Modibo Sidibé

**Abstract:** *Workers' propensity to migrate to another local labor market varies a lot by occupation. We use the model developed by Schmutz and Sidibé (2019) to quantify the impact of mobility costs and search frictions on this mobility gap. We estimate the model on a matched employer-employee panel dataset describing labor market transitions within and between the 30 largest French cities for two groups at both ends of the occupational spectrum and find that: (i) mobility costs are very comparable in the two groups, so they are three times higher for blue-collar workers relative to their respective expected income; (ii) Depending on employment status, spatial frictions are between 2 and 3 times higher for blue-collar workers; (iii) Moving subsidies have little (and possibly negative) impact on the mobility gap, contrary to policies targeting spatial frictions; (iv) Mobility-enhancing policies have almost no impact on the unemployment gap.*

ADRES young paper award 2021

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## Working paper

**Diffusion of Broadband Internet and Firm Market Power in Output and Labor Markets**  
with Jan-Luca Hennig

**Abstract:** *We investigate how broadband internet access affects firms market power in both product and labor markets. Combining balance sheet data for firms with matched employer-employee data, we estimate firm-level markups and markdowns. We find substantial differences across sectors and firms in the level of both markups and markdowns. For our difference-in-differences design, we exploit the staggered introduction of broadband internet in France in the early 2000s. We provide evidence that access to broadband internet increases markups. This is particularly true when firms are able to exploit the new technology to reap benefits from globalization, both through cheaper inputs and more export activity. We also show that the most productive firms primarily raise their markups in response to obtaining access to broadband internet. At the same time, markdowns fall when firms obtain access to fast internet due to more efficient worker representation. Further, we provide evidence that the internet leveled the playing field between low- and high-skilled workers. This is because low-skilled workers profit more from changing employers.* **Commuting cost and spatial Job-search**

**Abstract:** *Among a series of environmental measures taken in 2008, the French government implemented 2009 the half-reimbursement by the employer of the public transport costs. This paper aims to estimate the effect of a decrease in commuting costs on job search behavior, using an administrative database with information on employment and unemployment spell. I use an event-study design exploiting variation in the use of public transport at the communal level. I find that a 10pp increase in the treatment intensity increases the commuting distance by 3.2% and the hourly wage by 0.5%. The effect is stronger for women and low-paid workers.*

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## Work in progress

### Firm market power, wage inequality and sorting

with Jan-Luca Hennig

### Sorting After Motherhood: Low-Markup or High-Markdown Firms?

with Jan-Luca Hennig

### Broadband Internet and Firm Structure

with Jan-Luca Hennig

### Returns to Experience Across and Within Cities

with Donald Davis Eric Mengus and Tomasz Michalski

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## Seminar and conferences

- 2024** Journées de Microéconomie appliquée Lille, PhD seminar (CREST), Brown Bag Seminar (HEC), EALE 2024 (Bergen), HEC research seminar, ENSAI (Rennes)
- 2023** PhD Seminar (AMSE) ADRES 2023, EUREKA Seminar (VU Amsterdam), Lunch seminar (VU Amsterdam), LAGV 2023, HEC Research Seminar, Journées de Microéconomie appliquée Lille, European meeting of the Urban Economics Association (Milan)
- 2022** European Association of Labour Economists Conference 2022 (EALE), International Association for Applied Econometrics (IAAE) Conference 2022, LAGV 2022, IRES Lunch Seminar (Louvain-la-neuve), European meeting of the Urban Economics Association (London), Doctoral Workshop in applied econometrics (Strasbourg), 4th Meeting on Transport Economics and Infrastructure (Barcelona), PhD Seminar (AMSE).
- 2021** PhD Seminar (AMSE), 15th North-American Meeting of the Urban Economics Association (Online)
- 2020** PhD Seminar (AMSE), Virtual Meeting Urban Economic Association

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## Referee

Labor Economics

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## Teaching

- 2019 - 2023 **Mathematics**, *Undergraduate-fr, 1st year*, Aix-Marseille University.
- 2019 - 2020 **Mathematics**, *Undergraduate-fr, 2nd year*, Aix-Marseille University.
- 2023 - 2024 **Macroeconomics**, *Undergraduate-fr, 3rd year*, HEC.

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## Skills

- Data Science R, SAS, Stata, Matlab, Python
- Office tools Microsoft Office, L<sup>A</sup>T<sub>E</sub>X
- English fluent    French Native
- Data Access to French secured data (CASD)

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## Professional Experience

- 2017 **Intern**, *French embassy - Economic department*, Warsaw, Poland.