

## Office Contact Information

Compass Lexecon  
6/F, China World Tower A  
1 Jianguomenwai Avenue  
Chaoyang District, Beijing 100004, China

## Contact Information

ezhang@compasslexecon.com  
www.linkedin.com/in/xin-zhang-7446a22b1  
(+86) 18617569939

## EDUCATION

### Doctoral Studies

|                                                                            |              |
|----------------------------------------------------------------------------|--------------|
| <i>Ph.D. in Economics</i> , Toulouse School of Economics                   | 2021–2026    |
| <i>Visiting Scholar</i> , Northwestern University, Department of Economics | Jan–Apr 2025 |

### Prior Education

|                                                                                     |           |
|-------------------------------------------------------------------------------------|-----------|
| <i>M.Sc. in Economic Theory and Econometrics</i> , Toulouse School of Economics     | 2019–2021 |
| <i>B.Sc. in Economics and Management</i> , Zhongnan University of Economics and Law | 2015–2019 |

## PROFESSIONAL EXPERIENCE

|                                             |                  |
|---------------------------------------------|------------------|
| <b>Economist</b> , Compass Lexecon, Beijing | Jun 2026–Present |
|---------------------------------------------|------------------|

## OTHER POSITIONS

|                                                          |           |
|----------------------------------------------------------|-----------|
| <b>Teaching Assistant</b> , Toulouse School of Economics | 2022–2024 |
|----------------------------------------------------------|-----------|

- Game Theory, Master (2022, 2023, 2024); Intermediate Econometrics, Master (2024); Introductory Econometrics, Undergraduate (2024); Empirical Industrial Organization, Master (2023); Industrial Organization, Undergraduate (2023).

|                                                                           |      |
|---------------------------------------------------------------------------|------|
| <b>Research Assistant</b> to Isis Durrmeyer, Toulouse School of Economics | 2022 |
|---------------------------------------------------------------------------|------|

- Conducted demand and supply estimations using nationally aggregated data in the gasoline industry.

|                                                                             |            |
|-----------------------------------------------------------------------------|------------|
| <b>Research Assistant</b> to Mathias Reynaert, Toulouse School of Economics | 2021, 2020 |
|-----------------------------------------------------------------------------|------------|

- Conducted demand estimation and web-scraped data to analyze European food policy.

|                                                                                  |           |
|----------------------------------------------------------------------------------|-----------|
| <b>Research Assistant</b> to Jie Shuai, Zhongnan University of Economics and Law | 2016–2018 |
|----------------------------------------------------------------------------------|-----------|

- Analyzed firms' price discrimination strategies using theoretical modeling.

|                                                 |      |
|-------------------------------------------------|------|
| <b>Intern</b> at Guotai Junan Securities, Wuhan | 2017 |
|-------------------------------------------------|------|

- Developed and maintained client relationships.

## PAPERS

### **Endogenous Third-Degree Price Discrimination in Hotelling Model with Elastic Demand**

with Yixue Huo, Jie Shuai, and Tong Zhang, *Journal of Economics*, 127, 125-145 (2019)

### **Patent Challenge and Generic Entry - Job market paper**

with Hanlin Zhao

- Built a two-stage model to study generic entry incentives under patent challenges.
- Estimated costs of generic entry using moment inequalities.
- Provided policy insights on Hatch-Waxman exclusivity duration and its impact on market competition.

### **Tax Exemption for Feminine Sanitary Products: Evidence from the U.S Market**

- Applied the DID approach and constant expenditure structural model to evaluate policy effects on feminine sanitary products affordability.
- Analyzed market responses and substitution patterns using large-scale retail scanner data.

### **Consumer Demand with Unobserved Stockpiling and Intertemporal Price Discrimination**

with Pierre Dubois and Thierry Magnac

- Developing a dynamic model to quantify consumer stockpiling behavior and firms' pricing strategies.

## OTHER INFORMATION

### **Empirical & Technical Skills:**

- Applied econometrics: DID, staggered DID, triple differences, event studies, TWFE, RDD, instrumental variables, panel data methods.
- Structural modeling and estimation: demand models, dynamic models, counterfactual simulations.
- Large-scale data analysis: administrative and scanner data.
- Programming: Stata, R, Python, MATLAB, SAS.

**Languages:** English (fluent), French (intermediate), Mandarin (native)

**Citizenship:** China