

# Tsung-Han Chou

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## Education

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**Swiss Program for Beginning Doctoral Students in Economics** BDP2023

*Sequences: Microeconomics, Macroeconomics, Econometrics*

**National Tsing Hua University** 2018 – 2021

*M.A. in Economics*

- Thesis: A Double Machine Learning Approach for Instrumental Variables Regression with Invalid Instruments: Did Lockdowns Work?

**National Dong Hwa University** 2014 – 2018

*B.A. in Economics*

- College Student Research Creativity Award, Ministry of Science and Technology (MOST).
- College Student Research Scholarship, MOST.

## Experience

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**EPFL – École polytechnique fédérale de Lausanne** 2023 – 2024

*Doctoral Assistant*

- Working with Prof. Gaétan de Rassenfosse.
- Research Project: Building a Resilient Economy by Directing Technology Investments.

**National Tsing Hua University** 2021 – 2023

*Research Assistant*

- Working with Prof. Po-Hsuan Hsu and Prof. Jui-Chung Yang.
- Research Project: Tracking the Evolution of Product and Service Inventions with Trademark Data.


## Research Interest

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Innovation Economics, Industrial Organization, Technology Evolution

## Working Paper

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**Tracking the Evolution of Product and Service Inventions with Trademark Data.** [SSRN](#) 

- We use Natural Language Processing (NLP) to identify the first appearance and subsequent follow-ups of product inventions disclosed in trademark identifications.

## Publications

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**Technology Licensing Under Successive Monopoly.** *Review of Industrial Organization* 64, 2024.

- With Pei-Cyuan Shih, Yan-Shu Lin, and Hong Hwang.

**Environmental Policy, Licensing Strategy, and Social Welfare.** *Journal of Economics*, 2024.

- With Yen-Ju Lin, Yan-Shu Lin, and Pei-Cyuan Shih.

## Skills

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R(advanced), Python (advanced), Stata, Latex.

## References

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Po-Hsuan Hsu, National Tsing Hua University

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Jui-Chung Yang, National Taiwan University

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