

Thesis Ideas Involving Dynamic Economic Models

Thomas H. Jørgensen

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Outline

1 Warning

2 Some Ideas

Introduction

- **Warning:** Including a dynamic model in a Master's Thesis can be challenging
- **Upside 1:** Many types of theses
 - Purely theoretical (no data)
 - Purely computational (numerical method)
 - Empirical (model + data)
- **Upside 2:** Flexible
 - YOU decide what to investigate
 - (Can also be tough)

Outline

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2 Some Ideas

Effect of Student Stipends (SU)

- **How does the Danish SU system affect**

- Graduation times

- Labor market outcomes (wages, etc)

- **Counterfactual simulations**

- Loan-based system

- Shorter period

- **A key reference:** Joensen and Mattana (2021, R&R JPE) https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3028295

- **Data (Danish, aggregate):**

- <https://www.statistikbanken.dk/statbank5a/SelectTable/Omrade0.asp?SubjectCode=5&ShowNews=OFF&PLanguage=0>

Intra-Household Time Allocation

- **How do couples allocate time**

Home production (child-care)

Labor market

- **Counterfactual simulations**

Child-care availability

Convex wage schedule in hours/flexibility

- **A key references:**

<https://www.journals.uchicago.edu/doi/10.1086/698752>

<https://academic.oup.com/ej/article-abstract/131/635/1051/5930147>

- **Data (ATUS, US):** <https://www.bls.gov/tus/>

First-Time Home-Owners and Unemployment

- **How does Unemployment Shocks affect first time home-owners?**
Typically heavily leveraged
Could also be *divorce shocks* rather than unemployment
- **Counterfactual simulations**
Different loan requirements
Different insurance products...
- **A key reference:** Ejarque and Leth-Petersen (2009, dormant WP)
https://www.dropbox.com/s/xuxfn2bclhvrbl/JME_SLP_MAY2009.pdf?dl=0
- **Data (Danish, aggregate):** From working paper appendix.

References I