

# Tommaso Gasparini

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## EDUCATION

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<b>University of Mannheim</b> <i>PhD in Economics</i>	Germany 2018 - Expected 2023
<b>University of Mannheim</b> <i>MSc in Economics</i>	Germany 2018-2020
<b>University of Venice</b> <i>Bachelor's Degree in Economics and Business</i>	Italy 2015-2018
<b>University of Limerick</b> <i>Exchange Semester</i>	Ireland January 2017 - May 2017

## RESEARCH FIELDS

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Macroeconomics, Financial Intermediation, Business Cycle

## JOB MARKET PAPER

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### Imperfect Banking Competition and the Propagation of Uncertainty Shocks

- Uncertainty shocks play a crucial role in driving business cycle fluctuations. This paper investigates the impact of changes in banking competition on the propagation of uncertainty shocks. Using a panel dataset from 44 countries, I show that lower banking competition amplifies the negative impact of uncertainty on output growth. I further explore this relationship through a dynamic stochastic general equilibrium model featuring imperfect banking competition and financial frictions. The model shows that lower banking competition leads to higher borrowing rates and increased risk-taking by entrepreneurs. As a result, when the number of competitors decreases, uncertainty shocks have a stronger negative impact on defaults, investment and output due to increased risk-taking.
- Prizes: IFABS Best PhD Paper Award. ([Link to paper](#))

## WORK IN PROGRESS

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### Firm Risk Shocks and the Banking Accelerator, with Vivien Lewis, Stéphane Moyen and Stefania Villa.

- Increases in firm default risk raise the default probability of banks in US data. We analyse firm risk shocks in a New Keynesian business cycle model, where entrepreneurs and banks engage in a loan contract and both are subject to idiosyncratic default risk. In the model, a wave of corporate defaults leads to losses on banks' balance sheets, thereby increasing bank defaults. A more leveraged banking sector exacerbates the contractionary effects of firm risk shocks, acting as a 'banking accelerator'. We study macroprudential policy in the form of a penalty on excessive bank leverage. Such a penalty increases bank capital buffers, helping to dampen the effects of risk shocks.

### Capital Requirements, Bank Competition and Stability

- A large theoretical literature argues that bank competition decreases bank margins causing higher bank risk of default (margin effect). This argument does not consider the effect of bank equity. Equity protects banks from losses and makes the margin effect negligible. Furthermore, higher competition implies lower loan rates that decrease borrowers' risk incentives (risk-shifting effect). If bank equity is high enough, the margin effect becomes weaker than the risk-shifting effect and bank risk decreases with competition. Consequently, if the risk-shifting effect is high enough, the optimal capital requirement can decrease with competition because lower capital requirements are needed with high competition.

## EXPERIENCE

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<b>Teaching Assistant</b> <i>University of Mannheim</i>	February 2019 – Present Germany
• Advanced Macroeconomics I - PhD With <i>Husnu Dalgic</i>	Fall 2022
• Macroeconomics B - Undergraduate With <i>Antoine Camous</i>	Fall 2019, 2020, 2021
• Macroeconomics A - Undergraduate With <i>Minchul Yum</i>	Spring 2019
<b>Guest Researcher</b> <i>Research Centre of Deutsche Bundesbank</i>	August 2021 – Present Germany
<b>Intern</b> <i>Research Centre of Deutsche Bundesbank, Research Focus Group: Macro-Finance</i>	January 2021 – July 2021 Germany
<b>Intern</b> <i>ZEW</i>	June 2019 – August 2019 Germany

## PRESENTATIONS

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**2023:** Bank of Lithuania, Banque de France, Bank of Italy, QMUL workshop (scheduled), Spring Midwest Macroeconomics Meetings (scheduled)

**2022:** RGS Doctoral Conference, University of Mannheim, AMEF 2022 Thessaloniki, CLEEN PhD Workshop, ENTER Jamboree Barcelona, Dynare Conference, IFABS Naples, VfS Annual Conference, PhD Macro Workshop at the University of Zurich (presenter and discussant), Wharton School 5th Conference on Law and Macroeconomics, 63rd Annual Conference Italian Economic Association, Deutsche Bundesbank Researcher's meeting, University of Toulouse, Symposium of the Spanish Economic Association 2022.

**2021:** University of Mannheim, Bonn-Mannheim PhD Workshop (discussant).

## SKILLS

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**Languages:** Italian (native), English (fluent), German (intermediate).

**Programming:** Julia (fluent), Matlab (fluent), R (fluent), Dynare (fluent), L<sup>A</sup>T<sub>E</sub>X (fluent), Stata (intermediate), Python (basic).

## SCHOLARSHIPS AND PRIZES

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<b>Best PhD Paper Award</b> <i>International Finance and Banking Society 2022 Naples Conference</i>	September 2022
<b>PhD Scholarship</b> <i>University of Mannheim</i>	September 2019 – August 2020
<b>Regional Scholarship</b> <i>Ca' Foscari, University of Venice</i>	August 2015 – July 2018
<b>Best First Year Student</b> <i>Ca' Foscari, University of Venice</i>	February 2017

## AFFILIATIONS

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<b>Collaborative Research Center Transregio 224 - Project C05</b> <i>Mannheim, Germany</i>	October 2022 – Present
<b>MaCCI - Mannheim Centre for Competition and Innovation</b> <i>Mannheim, Germany</i>	May 2022 – Present

## TRAINING SCHOOLS

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<b>Heterogeneous-Agent Macro in the Sequence Space</b> <i>EABCN Training School - Ludwig Straub (Harvard University)</i>	June 2022 Mannheim, Germany
<b>Tools for Macroeconomists – Advanced Tools</b> <i>University of Oxford</i>	July 2021 Online
<b>Modern Macro, Money, and International Finance</b> <i>EABCN Training School - Markus Brunnermeier (Princeton University)</i>	June 2021 Online

## REFERENCES

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