



# From a theoretical oligopolistic model to a generative agent-based simulation

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# Outline

A book on *Rethinking Macroeconomics with Endogenous Market Structure*

Starting questions

Theoretical analysis

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## Starting questions

- Do entry, exit and changes in market structure affect the macroeconomy?
- Is there a link between the strategic interactions among oligopolistic firms and the macroeconomic equilibrium?

This questions are certainly not trivial in modern economies, where large oligopolistic firms play a relevant role and so many meetings among statesmen have the explicit scope of promoting contracts for some large and important firms of their countries.

However, surprisingly enough, the most popular theoretical models in the modern macroeconomic literature hardly see any explicit formalization for the macroeconomic effects of changes in market structure, entry, exit and strategic interactions among oligopolists.



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M. Mazzoli, M. Morini, and P. Terna. *Rethinking Macroeconomics with Endogenous Market Structure*. Cambridge University Press, 2019.



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