



Agent-based models :

A few thoughts

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We examine complex policy issues...

- Tools that capture the main features of the world economy: asymmetries, non linearities, interactions
- Multidimensional approach → going beyond the standard macroeconomic tool box



... and rely on evidence-based analysis

- Transparent tools
- Validation of the tools
- Insight on the uncertainties surrounding the results



ABM can bring a new perspective...

- Introduction of asymmetries
- Dark corners and changes in regimes
- Crises occur endogenously
- Intuitive : use of phase diagrammes



... but is also challenging

- We need a better understanding of the functioning of these models
- Models still at a research phase
- How can these models be validated?
- How can we measure uncertainties around model outcomes?



Thank you

Merci