

DRIVERS OF INEQUALITY—
TECHNOLOGY, SKILLS, AND INSTITUTIONS
DISCUSSION OF ACEMOGLU AND VIANTE

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Nobel Symposium on Inequality
Stockholm
August 27-28, 2022

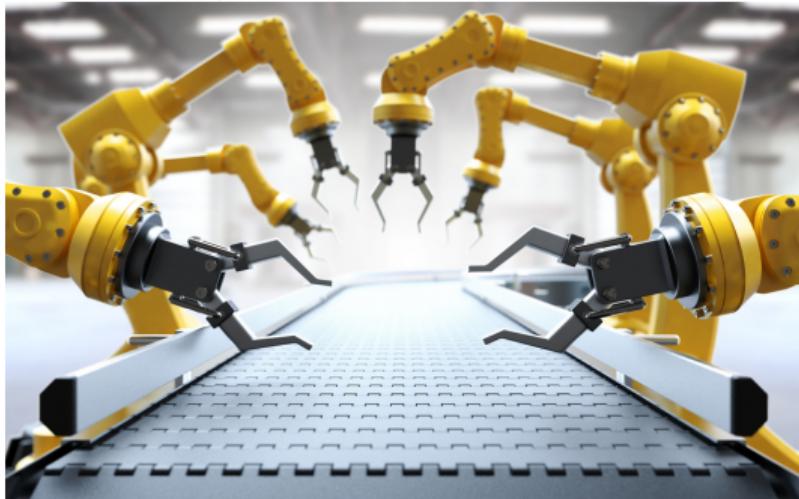
DISCUSSION ROADMAP

1. Very brief overview of the two presentations
2. Inequality *within groups*
3. Inequality in more dimensions
4. Aggregate implications of inequality

Since I only have ~ 14 minutes left: Focus on high level comments

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("K"rusell, "O"hanian, "R"ios-Rull, and)
"V"iolante: Capital-skill complementarity



BOTH THEORIES HAVE MERIT



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- ▶ Some explanations: changes in worker sorting, firm heterogeneity, occupational mobility, returns to experience, demographics

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- ▶ Tax and transfer systems (and changes over time), also important for inequality in consumption, income, and wealth (more on this tomorrow)

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 - ▶ Different propensities to save/consume
- ▶ Inequality can lead to *amplification* of shocks (and inequality itself)
- ▶ Virtually every shock and policy change or action involves redistribution across households

INEQUALITY IN MACROECONOMICS

- ▶ Historically, heterogeneity and inequality was absent in macroeconomics (or was assumed to have no effect because of complete markets)
- ▶ In stark contrast to evidence that households fail to perfectly smooth consumption (e.g. Hall 1978, Cochrane 1991, Attanasio and Davis 1996)

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- ▶ In stark contrast to evidence that households fail to perfectly smooth consumption (e.g. Hall 1978, Cochrane 1991, Attanasio and Davis 1996)
- ▶ Bewley-Imrohorogu-Huggett-Aiyagari laid the ground work for quantitative macro based on household heterogeneity and incomplete markets
- ▶ Input to those models: income risk, typically equated to residual income inequality
- ▶ Aggregates have to be consistent with market interactions of agents subject to idiosyncratic risk
- ▶ Focus was typically on longer-run questions, tax reforms, etc

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- ▶ The Great Recession revealed the shortcomings abstracting from heterogeneity
- ▶ Analysis disciplined by new evidence on:
 - ▶ Marginal propensities to consume (e.g. work by Johnson, Parker, Souleles)
 - ▶ Cyclicalty of income risk and its unequal incidence (e.g. Guvenen et al)
 - ▶ Unequal incidence of policy across the distribution (e.g. Holm et al, Broer et al)

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 - ▶ Unequal incidence of policy across the distribution (e.g. Holm et al, Broer et al)
- ▶ Not just micro-foundations, but micro-consistent models that take seriously the two-way feedback between inequality and the macroeconomy