

Introducing the Econ-ARK: Economics “Algorithmic Repository and toolKit”

Short Version

July 27, 2018

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- ② Simulating populations of agents
 - Whether or not they are solving DSOP
 - Allows disciplined exploration of deviations from RE
- ③ Finding equilibria for markets/economies populated by such agents

Who Has Produced It?

Name	TLA	Affiliation
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<i>Nathan M Palmer</i>	NMP	OFR
<i>Matthew N White</i>	MNW	UDel, CFPB
<i>Alex Kaufman</i>	ABK	CFPB → Princeton

Nothing herein may be interpreted as reflecting opinions of

- CFPB - United States Consumer Financial Protection Bureau
- JHU - Johns Hopkins University
- IMF - International Monetary Fund
- OFR - Office of Financial Research, U.S. Treasury
- UDel - University of Delaware

Big Grant from Alfred P. Sloan Foundation!

Three Years

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- Hire Programmers, RA's, Open Source Project Managers, etc etc

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- Structural Micro Models (e.g., labor, health)
- IO models with equilibrium between consumer agents and firm agents

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Remove the excuse 'Structural model was not worth the effort'

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- Get our **our demonstration notebooks** from **DemARK**

References I

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