

Role of Behavior for Inequality

Claus Thustrup Kreiner
Center for Economic Behavior and Inequality
Department of Economics

Professors' Symposium at UCPH
June 2022

CENTER FOR
ECONOMIC
BEHAVIOR &
INEQUALITY

 Danmarks
Grundforskningsfond
Danish National
Research Foundation

UNIVERSITY OF COPENHAGEN

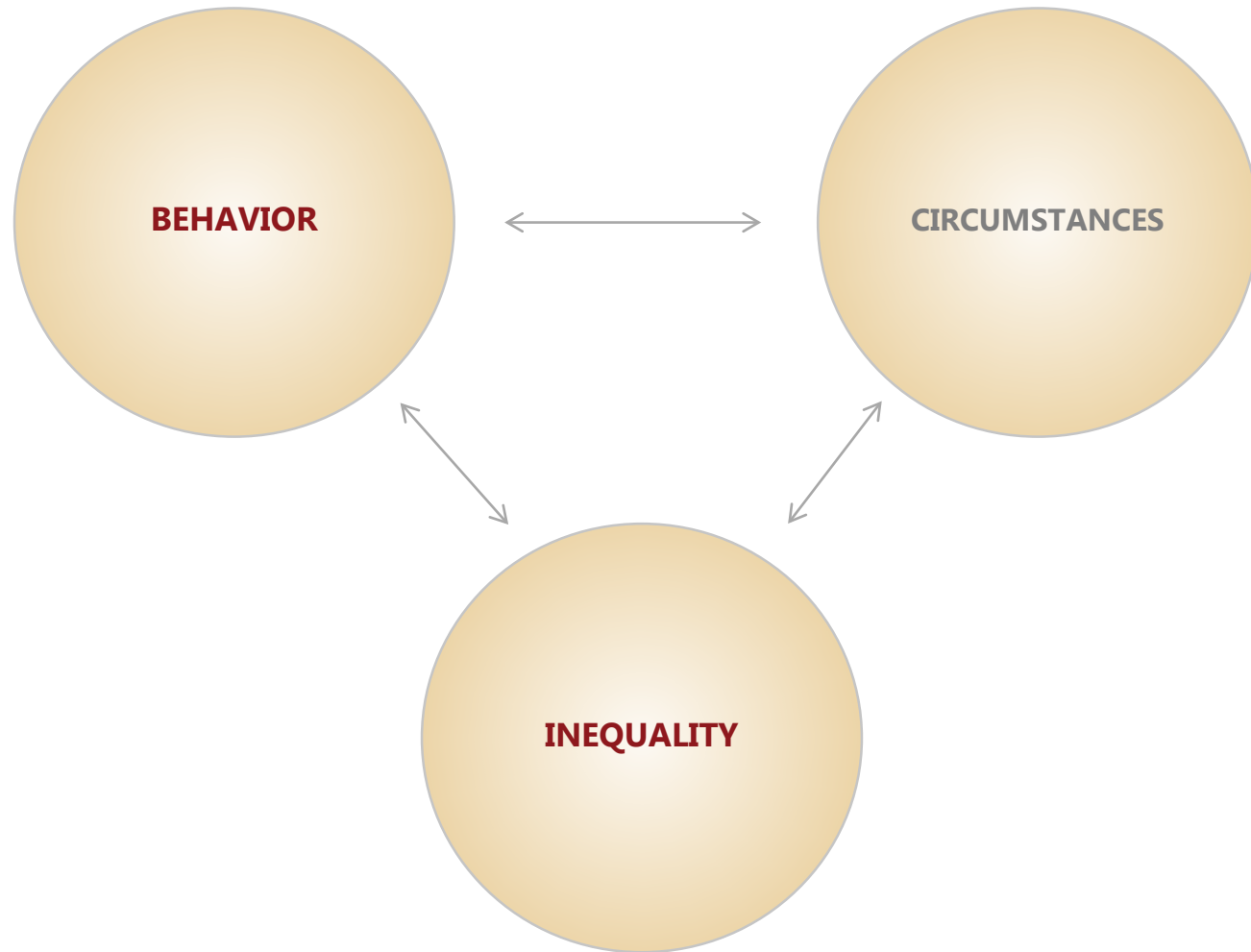


Inequality often at the center of public debates

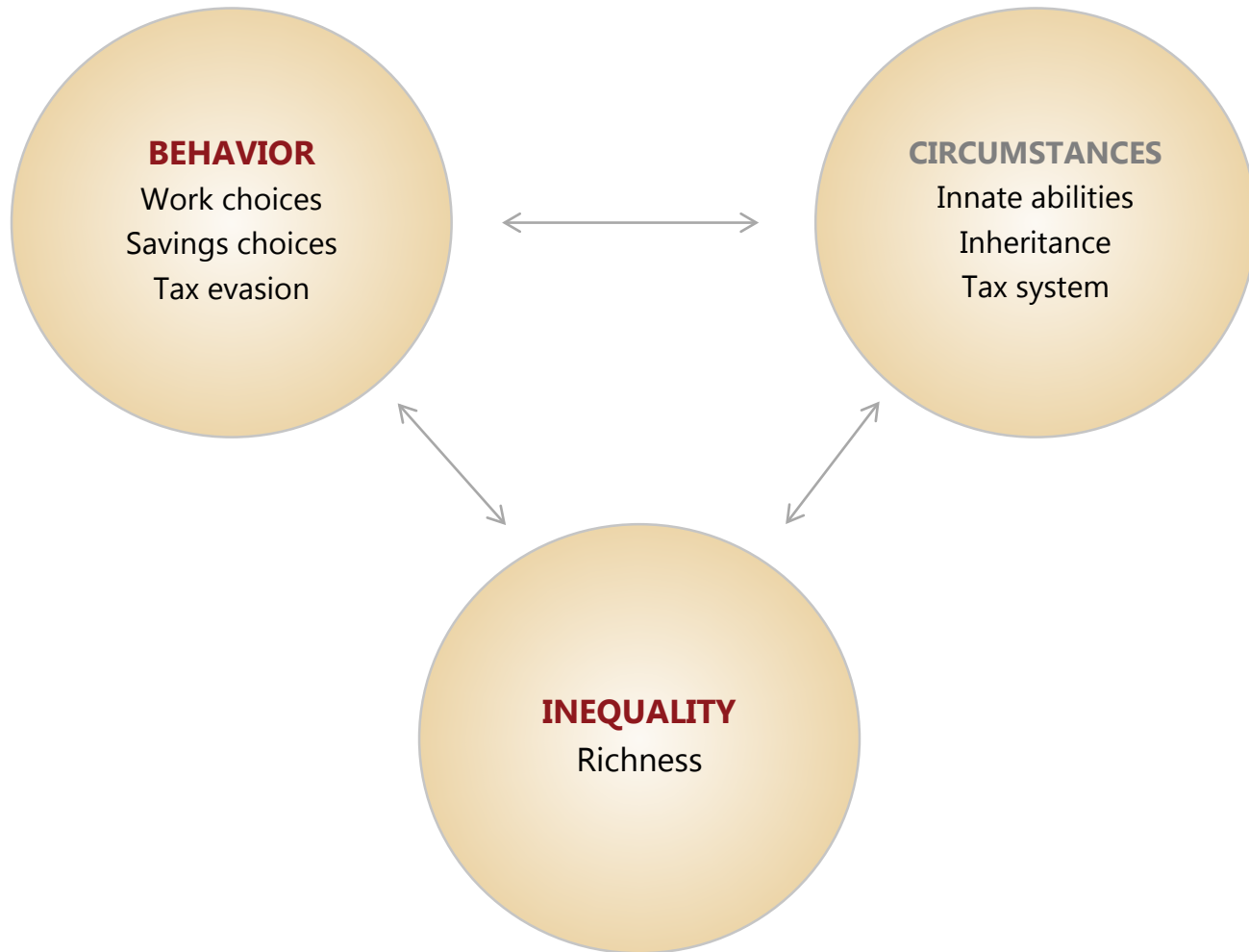
- How much inequality?
- Sources of inequality?
- Fairness of inequality?
- Effects of public policy?



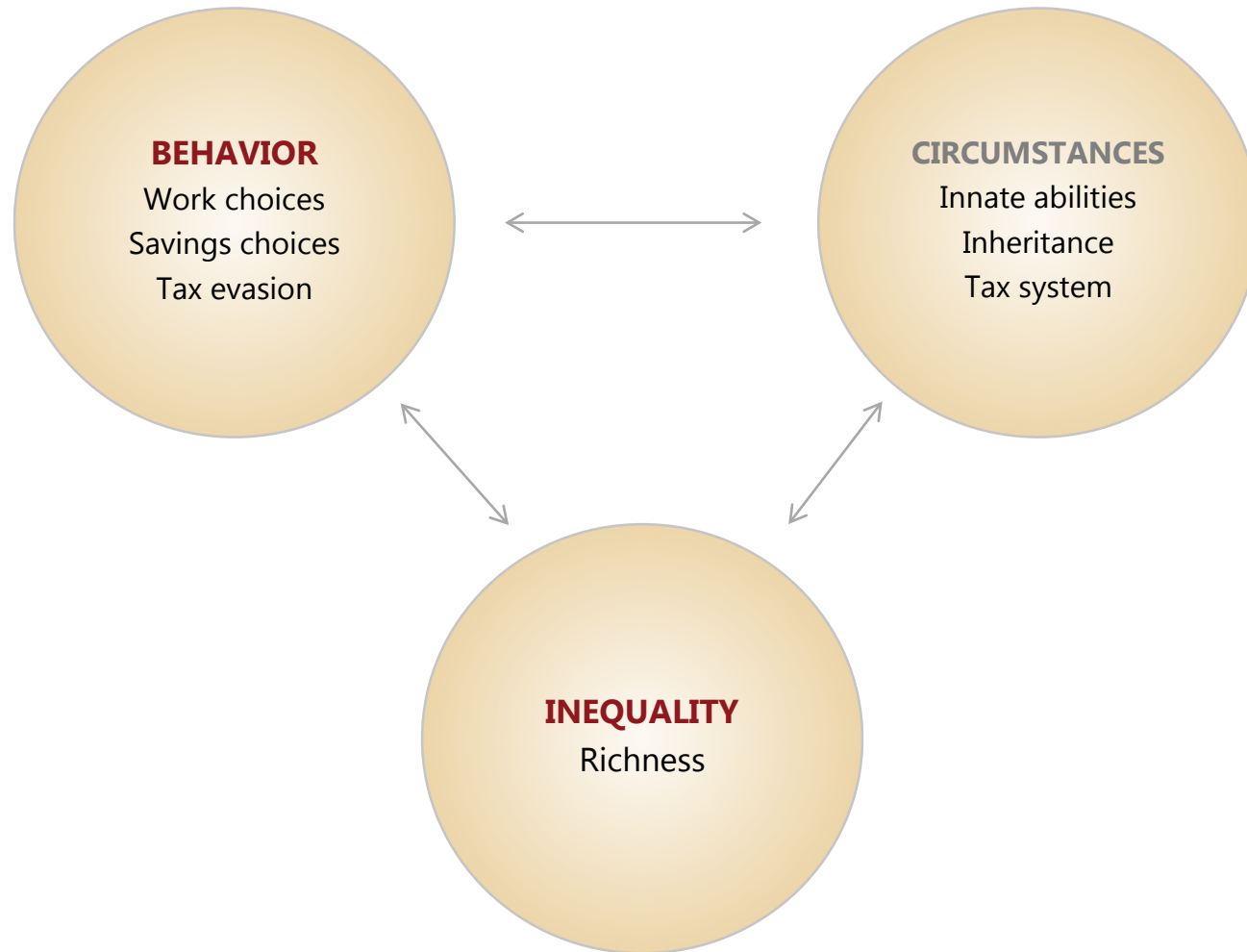
Center for **Economic Behavior** and **Inequality**



Center for **Economic Behavior** and **Inequality**



Center for **Economic Behavior** and **Inequality**



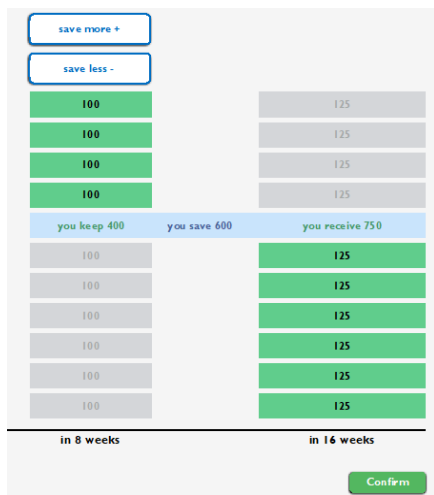
Many outcomes

Income, wealth, health, risk of getting into financial trouble, crime propensities...

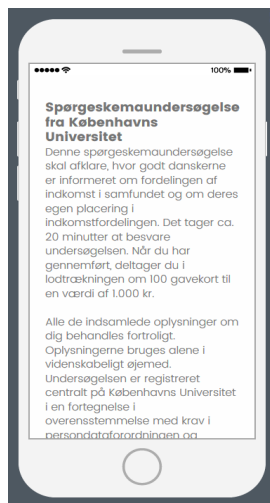
Many types of inequality

Inequality within generations and across generations, top income shares, gender inequality...

Approach



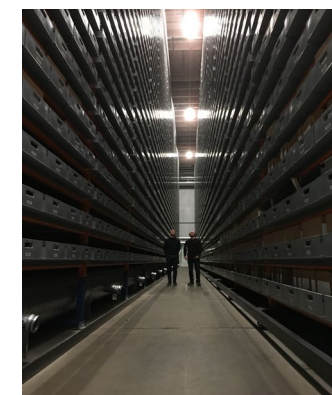
Experiments
CEBI



Surveys
CEBI



Transaction data
Danske Bank



Archival data



Leaks from offshore
financial institutions



Administrative data
Statistics Denmark



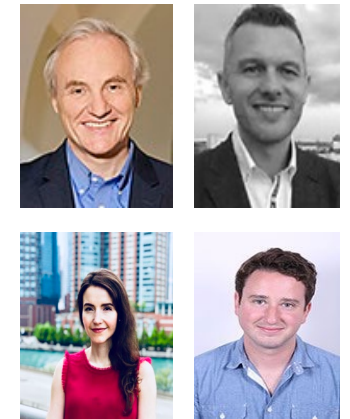
Delinquency on loan
Danish Tax agency (SKAT)



People



+ many collaborators



...

Many different fields: Public Economics, Labor Economics, Health Economics, Household Finance, Political Economy, Experimental Economics, Behavioral Economics, Microeconometrics, Structural Modelling...

Time Discounting and Wealth Inequality[†]

By THOMAS EPPER, ERNST FEHR, HELGA FEHR-DUDA,
CLAUS THUSTRUP KREINER, DAVID DREYER LASSEN, SØREN LETH-PETERSEN,
AND GREGERS NYTOFT RASMUSSEN*

This paper documents a large association between individuals' time discounting in incentivized experiments and their positions in the real-life wealth distribution derived from Danish high-quality administrative data for a large sample of middle-aged individuals. The association is stable over time, exists through the wealth distribution and remains large after controlling for education, income



Why some people are rich while others are poor is of fundamental interest in social science. Standard savings theory predicts that people who place a larger weight on future payoffs will be wealthier throughout the life cycle than more impatient people because of differences in savings behavior. Macroeconomic research suggests that this relationship between time discounting and wealth inequality can be quantitatively important and help explain why wealth inequality greatly exceeds

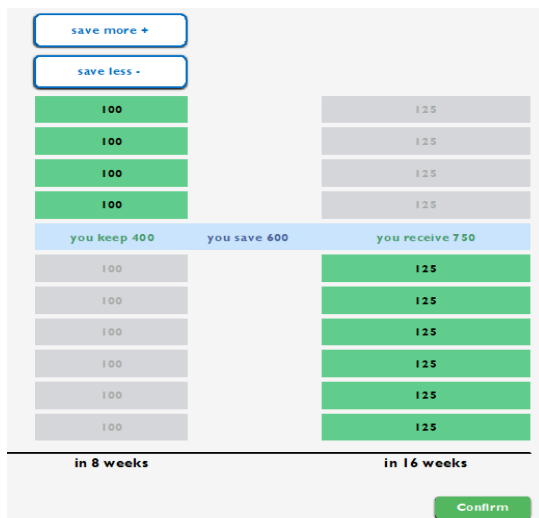
* Epper: School of Economics and Political Science, University of St. Gallen, University of Zurich, and CEBI (email: thomas.epper@unisg.ch); Fehr: Department of Economics, University of Zurich, and CEBI (email: ernst.fehr@econ.uzh.ch); Fehr-Duda: Department of Banking and Finance, University of Zurich, and CEBI (email: helga.fehr@bf.uzh.ch); Kreiner: Department of Economics, Center for Economic Behavior and Inequality (CEBI), University of Copenhagen (email: ctk@econ.ku.dk); Lassen: Department of Economics, Center for Economic Behavior and Inequality (CEBI), University of Copenhagen (email: david.dreyer.lassen@econ.ku.dk); Leth-Petersen: Department of Economics, Center for Economic Behavior and Inequality (CEBI), University of Copenhagen (email: soren.leth-petersen@econ.ku.dk); Rasmussen: Department of Economics, Center for Economic Behavior and Inequality (CEBI), University of Copenhagen (email: gregers.nytoft.rasmussen@econ.ku.dk). Stefano DellaVigna was the coeditor for this article. We thank Martin Browning, Christopher Carroll, Russell Cooper, Thomas Dohmen, Nir Jaimovich, Alexander Sebold, Erik Wengström, and seminar participants at Harvard University, Institute for Fiscal Studies (IFS), European Central Bank (ECB), Aarhus University, University of Bologna, University of St. Gallen, University of Zurich, IFN Stockholm, Fourth European Workshop on Household Finance, CEPR Public Policy Symposium 2018, IIPF Annual Congress 2018 and AEA Annual Meeting 2019 for helpful comments and discussions. We are also grateful for comments by four referees who have improved the paper considerably. Financial support from the European Research Council on the Foundations of Economic Preferences (295642) and HHPolitics (313673) and the Candys Foundation is gratefully acknowledged. The activities of CEBI are financed by the Danish National Research Foundation.

[†]Go to <https://doi.org/10.1257/aer.2018.1096> to visit the article page for additional materials and author disclosure statements.

Wealth Inequality: Does Patience Play a Role?

Patient individuals are wealthier

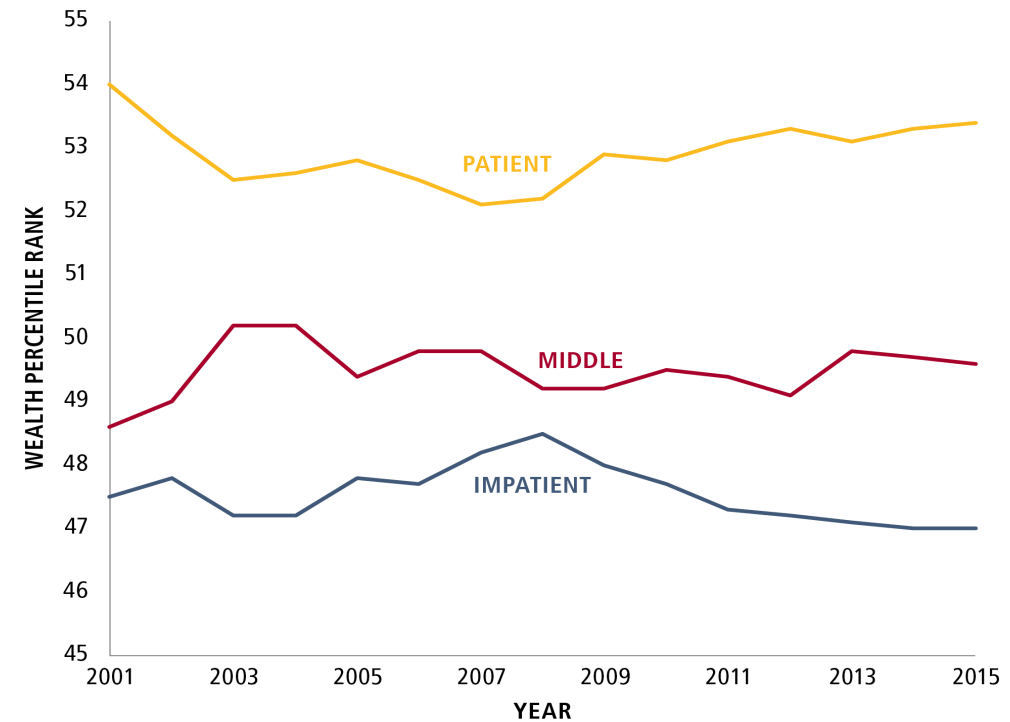
Approach



Experimentally elicited preference parameters linked to administrative records on wealth + ...

Result

ASSOCIATION BETWEEN PATIENCE AND WEALTH

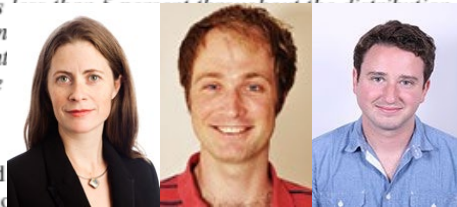


The graph shows the average position in the wealth distribution of three equally-sized patience groups of people over the years 2001-2015.

Tax Evasion and Inequality[†]

By ANNETTE ALSTADSÆTER, NIELS JOHANNESSEN, AND GABRIEL ZUCMAN*

Drawing on a unique dataset of leaked customer lists from offshore financial institutions matched to administrative wealth records in Scandinavia, we show that offshore tax evasion is highly concentrated among the rich. The skewed distribution of offshore wealth implies high rates of tax evasion at the top: we find that the 0.01 percent richest households evade about 25 percent of their taxes. By contrast, tax evasion detected in stratified random tax audits is



Top wealth shares in highlighted assets, to properly measure

The size and controversy among economists and policymakers about tax evasion is done by the wealthy, a view fueled recently by high-profile leaks from offshore financial institutions such as the “Panama Papers.” Others stress that poorer individuals may be more likely to evade taxes, highlighting fraud by the self-employed or abuse of refundable tax credits.

Who evades taxes, and how much, matters for both economists and policymakers. First, and most importantly, it matters for the study of inequality. Over the last 15 years, scholars have increasingly relied on tax data to study distributional issues, especially trends in top income and wealth shares (see Roine and Waldenström 2015, for a recent survey). Tax returns are the best available data source to study the top-end of the distribution, because they do not, contrary to surveys, suffer from sampling errors: everybody above a certain income level has to file a return. But they

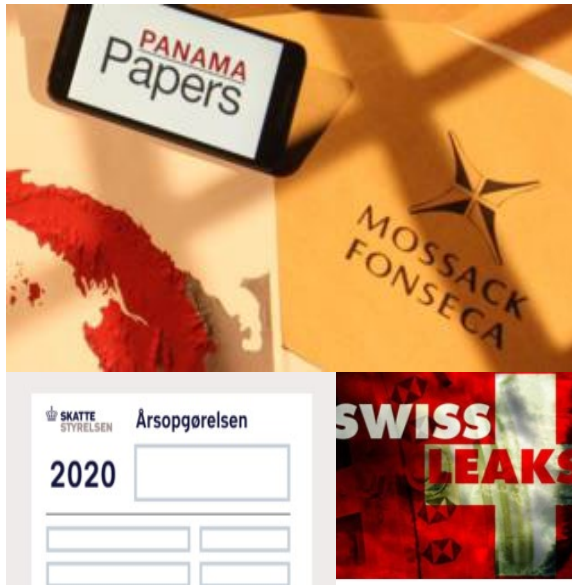
*Alstadsæter: Norwegian University of Life Sciences, School of Economics and Business, Christian Magnus Falsens vei 18, 1433 Ås, Norway (email: annette.alstadsater@nmbu.no); Johannesen: Department of Economics and CEBI, University of Copenhagen, Øster Farimagsgade 5, 1353 Copenhagen, Denmark (email: niels.johannesen@econ.ku.dk); Zucman: University of California, Berkeley, 530 Evans Hall #3880, Berkeley, CA 94720, and NBER (email: zucman@berkeley.edu). Thomas Lemieux was the coeditor for this article. We thank the Scandinavian tax administrations (Skatteetaten, Skatteverket, and SKAT), Statistics Sweden, and SVT Uppdrag granskning for their goodwill and cooperation; Sigurd Bjørnstad, Joachim Dyfvermark, Linda Larsson Kakuli, Fredrik Laurin, Petter Lundberg, Søren Pedersen, Gard Thomassen, and UiO Services for Sensitive Data (TSD) for exceptionally valuable assistance; Alan Auerbach, Brooke Harrington, Send Jonas, Patrick Kline, Adair Morse, Daniel Reck, Emmanuel Saez, Joel Slemrod, Daniel Waldenström, and numerous seminar and conference participants for helpful comments and reactions. We are grateful for financial support from the Nordic Tax Research Council and the FRIPRO-program of the Research Council of Norway. Johannesen gratefully acknowledges financial support from the Danish Council for Independent Research and the Danish National Research Foundation. Zucman gratefully acknowledges financial support from the Laura and John Arnold Foundation.

[†]Go to <https://doi.org/10.1257/aer.20172043> to visit the article page for additional materials and author disclosure statements.

Wealth Inequality: Role of Tax Evasion?

Large evasion rate by the very wealthy

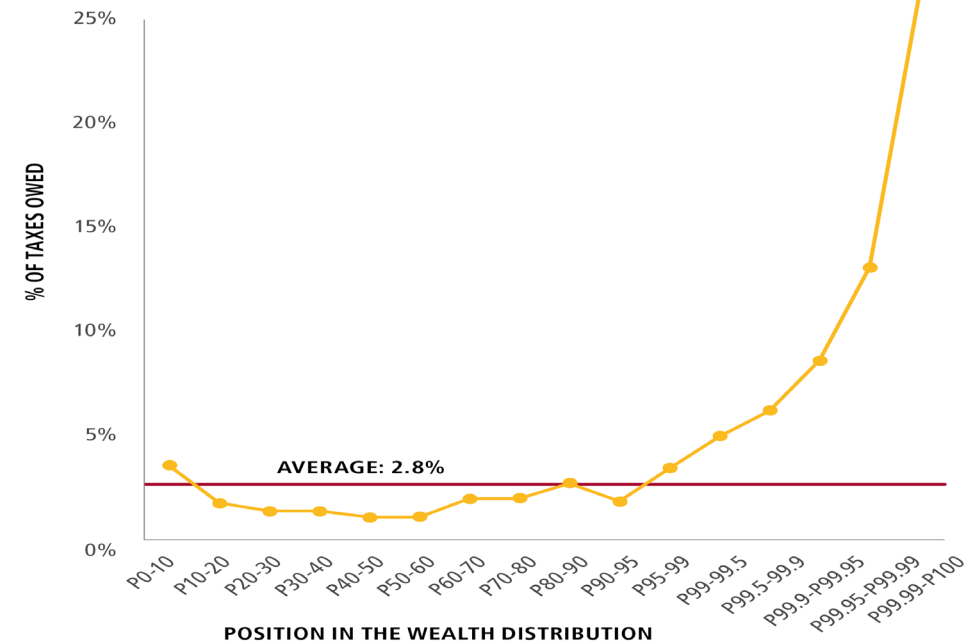
Approach



Leaks from offshore financial institutions linked to tax return records

Result

TAX EVASION BY WEALTH



The graph shows the average tax evasion rate by percentile position of people in the wealth distribution. The overall average is 2.8% as illustrated by the red line.

Taxing Wealth in a Globalized World: The Compliance Effect of Automatic Information Exchange

Hjalte Fejerskov Boas (U of Copenhagen and CEBI)
Niels Johannesen (U of Copenhagen and CEBI)
Claus Thustrup Kreiner (U of Copenhagen and CEBI)
Lauge Larsen (U of Copenhagen and CEBI)
Gabriel Zucman (U of California, Berkeley)

May 2022

Fighting Offshore Tax Evasion: Impact of Automatic Information Exchange?



Work-in-progress

AIE improves tax compliance

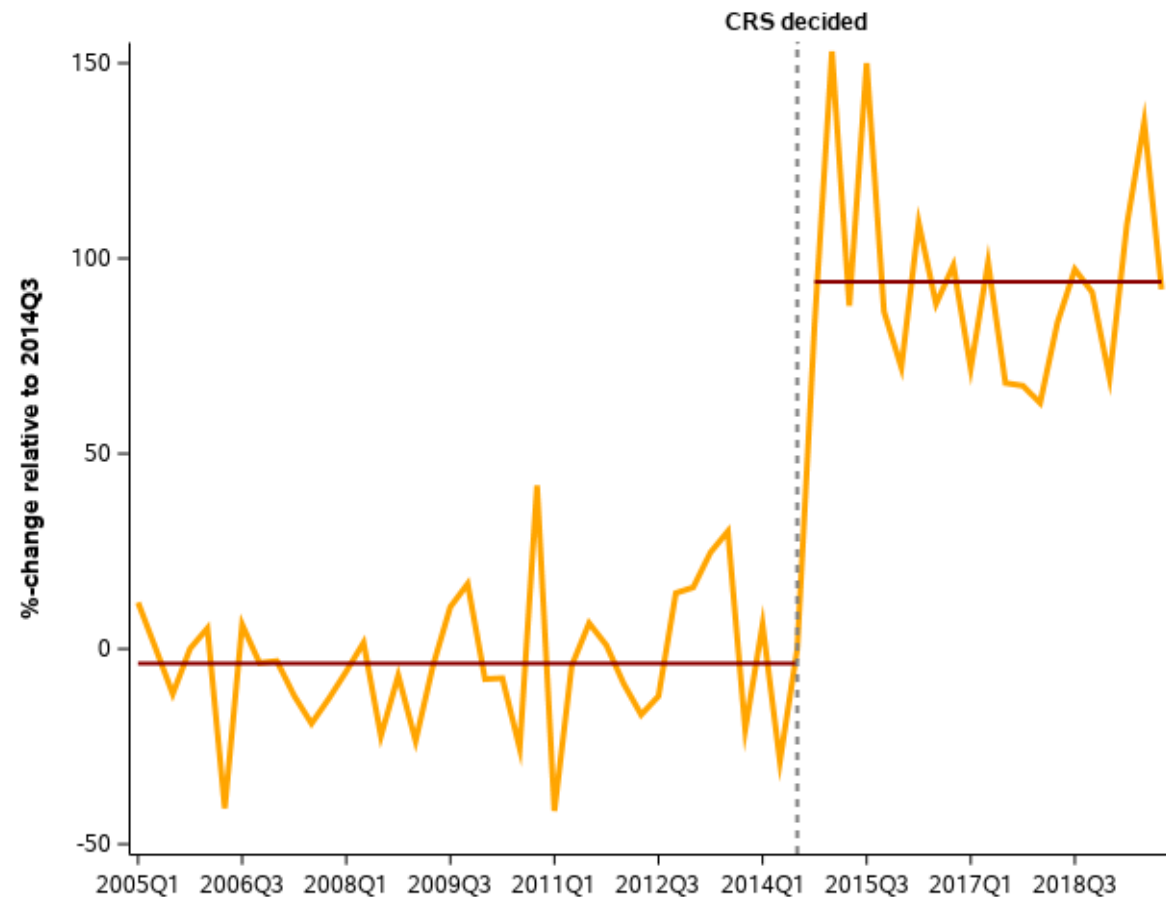
Approach



CRS/FATCA reports +
Cross-border money transfers +
Tax return records +
Data from customized tax audits

Result

%-change in people who transfer >DKK 1 mill from foreign account to own account in DK (DiD estimate)



SOCIAL POSITIONS AND FAIRNESS VIEWS ON INEQUALITY

Kristoffer B. Hvidberg
Claus Kreiner
Stefanie Stantcheva

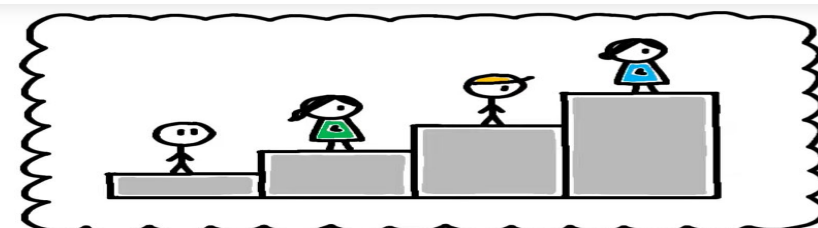
Working Paper 28099



Perceptions about inequality and fairness of inequality?

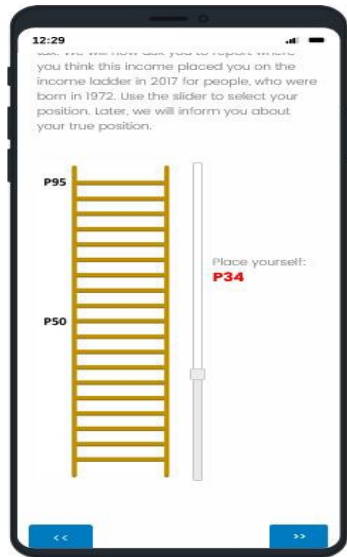
This paper is a substantially revised version of a working paper previously circulated under the title “Social Position and Fairness Views.” We thank Beatrice Ferrario, Leonardo D’Amico, Ida Maria Hartmann and Isabel Skak Olufsen for excellent research assistance. We are also grateful for comments by seminar participants in the Deaton workshop on Attitudes Towards Inequality and Redistribution, the Selten Lecture in Bonn, IFN in Stockholm, NHH in Bergen, LSE, UCSD, UC Berkeley, UCLA, the NBER Public Economics Meetings, and Zurich. We thank Ingvild Almås, Asger Andersen, Richard Blundell, Dietmar Fehr, Ernst Fehr, Søren Leth-Petersen, Andreas Peichl, Ricardo Perez-Truglia, Emmanuel Saez, Julien Senn, David Seim, Krishna Srinivasan, Bertil Tungodden, Andrea Weber, Roberto Weber, and Matthew Weinzierl for feedback and suggestions. The activities of CEBI are financed by the Danish National Research Foundation grant DNR134. We are also grateful for financial support from the Candys Foundation. The use of the data for this project complies with Danish legislation (persondataforordningen, forordning 2016/679 om persondatabeskyttelse) and has been approved by the Danish Data Protection Agency (File No. 514-0018/2018-2000 at the University of Copenhagen). The project includes a randomized information treatment and was preregistered in the AER RCT Registry (AEARCTR-0003923). The views expressed herein are those of the authors and do not necessarily reflect the views of the National Bureau of Economic Research.

NBER working papers are circulated for discussion and comment purposes. They have not been peer-reviewed or been subject to the review by the NBER Board of Directors that accompanies official NBER publications.



People believe others are closer to themselves than they really are...

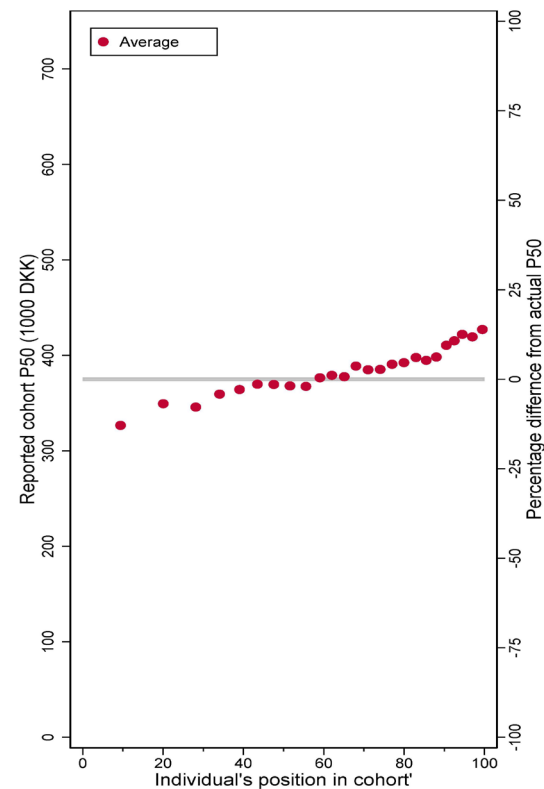
Approach



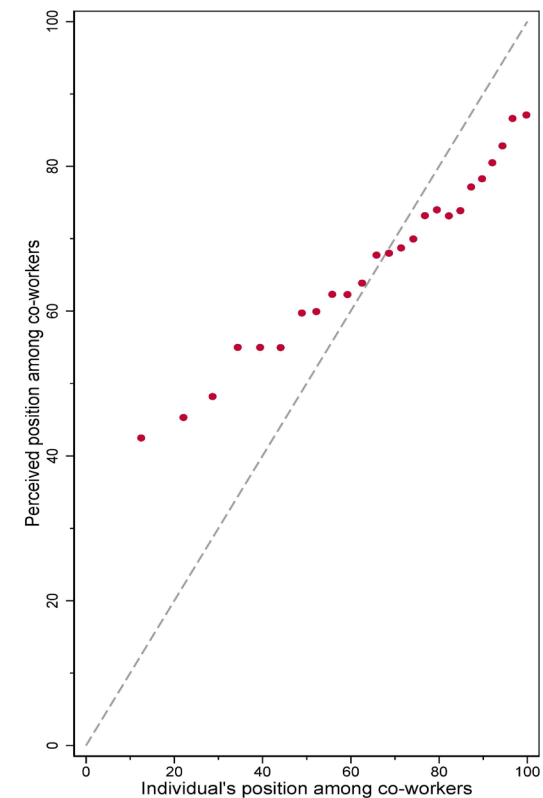
Survey data linked to administrative data on true income, income histories, reference groups, life shocks...

Result

What is the P50 income level of your cohort?

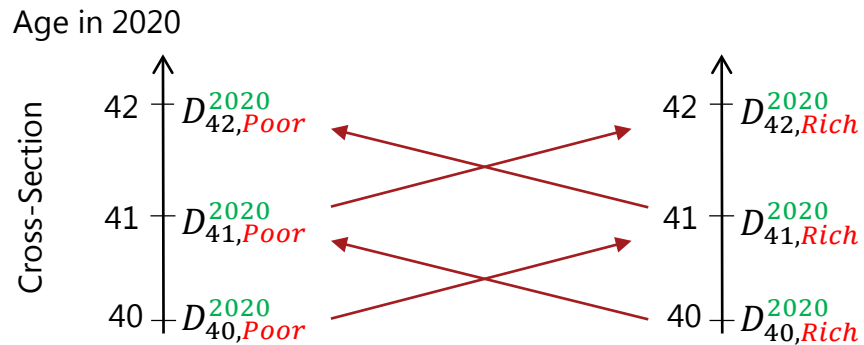


What is your income position within your co-workers?



Inequality in life expectancy: Not as big as we thought but still rising

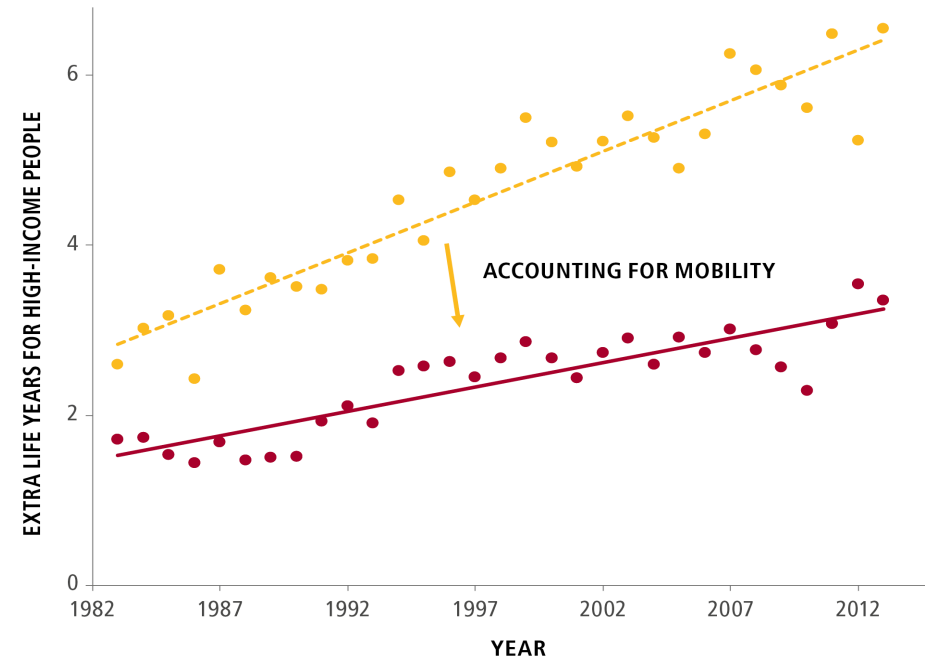
Approach



New method accounts for transitions across income classes. Empirical approach links income and mortality records for entire population over thirty years.

Result

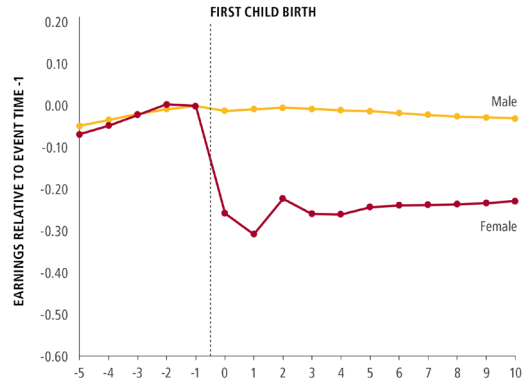
LIFE EXPECTANCY INEQUALITY WHEN ACCOUNTING FOR INCOME MOBILITY



The graph shows estimates of expected extra life years for high income 40-year old people compared to those with low income without accounting for income mobility (yellow dots) and when accounting for mobility (red dots).

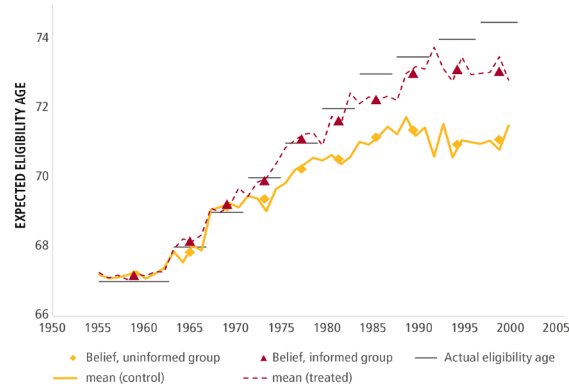
Child penalty on women

IMPACT OF CHILDREN ON EARNINGS OF WOMEN AND MEN

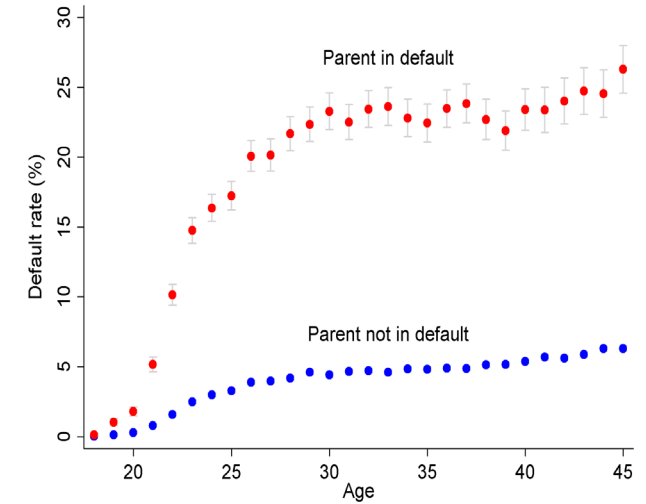


Badly informed about pension rules

IMPACT OF INFORMATION ON BELIEFS ABOUT ELIGIBILITY AGE

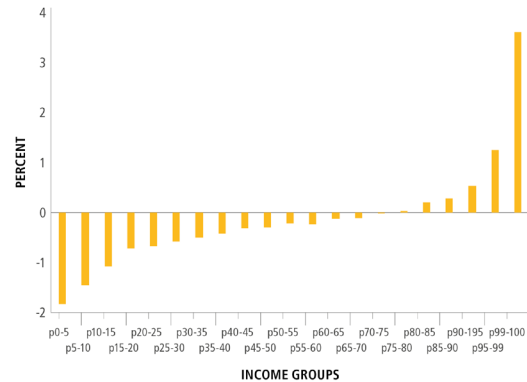


Financial trouble across generations



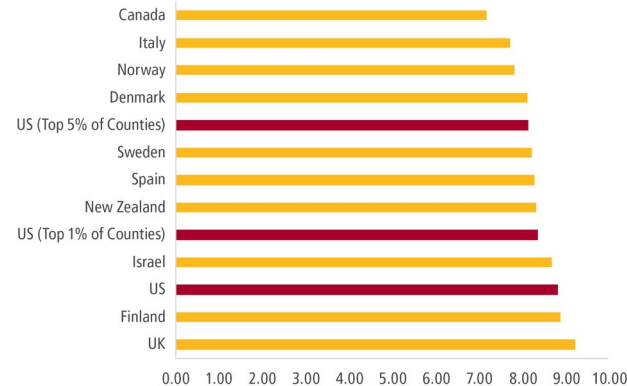
Lower interest rates favor the rich

DISTRIBUTIONAL EFFECTS OF LOWER INTEREST RATES



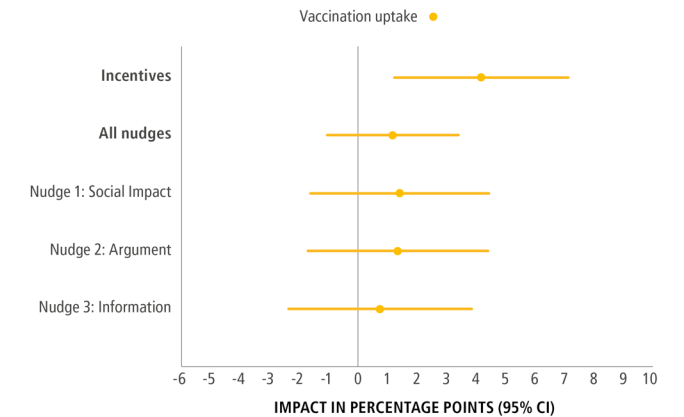
High health costs without better outcomes

COMPARING CASE FATALITY RATES FOR THE US TO OTHER HIGH-INCOME COUNTRIES



Monetary incentives increase vaccinations

EFFECTS OF INTERVENTIONS ON VACCINE UPDATE



Role of behavior for questions about inequality?

- How much inequality?
- Sources of inequality?
- Fairness of inequality?
- Effects of public policy?

