NADAV KUNIEVSKY

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Education

University of Chicago, Ph.D. Economics *2018–2024*
Tel Aviv University, M.Sc. Economics *2014–2017*
Magna Cum Laude
Tel Aviv University, B.A. Economics and Accounting *2011–2014*
Magna Cum Laude

References

Professor Stephane Bonhomme (Chair)
University of Chicago
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Professor Derek Neal
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Professor Ben Brooks
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Professor Jack Mountjoy
University of Chicago
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Research and Teaching Fields

Primary:	Labor Economics, Applied Microeconomics
Secondary:	Industrial Organization

Job Market Paper

What drives choice? Exploring the role of returns and information

Abstract: *We investigate choice disparities across social groups, attributing them to outcome and information differences. Using a binary choice model, we assess how equalizing information technology for disadvantaged groups affects their choices. For the case of where both outcomes and signals are drawn from a Gaussian distribution, we show to get point identification for counterfactual shares. In more complex cases involving general information technology, we present bounds on counterfactual shares using adapted mechanism design techniques. Empirical application is conducted on administrative data from Texas, focusing on the gap in first-year college decisions between Hispanics and Whites.*

Working Papers

On the Interpretation of the Intergenerational Elasticity and the Rank-Rank Coefficients for Cross Country Comparison (R&R Economics letters)

Abstract: *This paper investigates the Intergenerational Elasticity (IGE) and Rank-Rank coefficients, employing Yitzhaki's theorem (Yitzhaki, 1996) to express them as weighted averages of underlying causal mechanisms driving mobility. We highlight the challenges of interpreting cross-country comparisons using either the IGE or the Rank-Rank coefficient due to the regression weighting scheme and show that while the Rank-Rank coefficient is more interpretable for positional mobility, it lacks insights into the underlying mechanisms driving mobility across countries. The analysis demonstrates potential drawbacks of using linear regression coefficients as summary statistics in the context of intergenerational mobility comparisons.*

It's Not Who You Are, It's What They Know: Wage Gaps and Informational Frictions

Abstract: *Can informational asymmetries among firms account for all observed wage gaps across social groups? We confirm this through a parsimonious common-value auction model in the labor market with unspecified information structures. Firms with identical characteristics encounter workers with unobserved productivity and extend wage offers based on their information about worker productivity and competing offers. Using 2010 American Community Survey data, we show that wage disparities among both black and white men and women can be explained using a common productivity distribution for all social groups and differences in what firms know, if the mean of this common productivity distribution ranges between $48,000 and $132,800. Our results emphasize the importance of understanding what firms know in shaping wage distributions and explaining wage disparities.*

Uncovering Latent Types in Sequential Choice Data Using Text Embedding Algorithms

Abstract: *In economic analyses of agents making a series of discrete choices, deciding what constitutes as an alternative is crucial. This paper introduces a technique for categorizing similar alternatives in contexts where forward-looking agents make a series of decisions. The proposed method groups options that are equivalent from the perspective of the agents, using the renowned word2vec algorithm (Mikolov et al., 2013) from the Natural Language Processing literature. The paper discusses the link between the word2vec method and the underlying agents dynamic optimization problem.*

A Note on Linear Regression in a Nonlinear World: The Multivariate Case

Abstract: *This note employs a multivariate version of Yitzhaki's theorem (1996) to interpret the coefficients of a continuous treatment variable in a regression model with controls, when the data-generating process is not linear. We show that the coefficient does not usually capture a weighted average of treatment effects, mainly due to biases akin to omitted variable and attenuation biases.*

Work in Progress

Quantifying Uncertainty over the Lifecycle

Awards, Scholarships, and Grants

Becker-Friedman Institute Research Grant ($10000)	2022
Neubauer Fellowship and Theodore W. Schultz Fellowship Award	*2018-2023*
Scholarships for Outstanding Academic Achievements, Tel Aviv University	*2014-2027*

Teaching Experience

Job Mobility/wage determinants (Graduate)	TA for Prof. Neal	*Autumn 2021*
TA Honors Metrics (Undergraduate)	TA for Prof. Bonhomme	*Spring 2021*
Human Capital and Markets (Graduate)	TA for Prof. Heckman	*Winter 2021*
Empirical Analysis III (Graduate)	TA for Prof. Heckman	*Spring 2020*
Economics for Everyone (Undergraduate)	TA for Prof. Levitt and Prof. List	*Spring 2020*

Predoc Publications

Gandal, Neil, Nadav Kunievsky, and Lee Branstetter. "Network-Mediated Knowledge Spillovers in ICT/Information Security." *Review of Network Economics* 19, no. 2 (2021): 85-114.

Gandal Neil, Stefania Gandal and Nadav Kunievsky, "The High-Tech Sector", Chapter 17, The Israeli Economy, 1995–2017: Light and Shadow in a Market Economy. Ben-Bassat, Avi, Reuben Gronau, and Asaf Zussman, eds. Cambridge University Press, 2021. Forthcoming

Additional Information

Citizenship	Israel, Romania, Argentinian
Programming Skills	Python, R, Stata
Languages	Hebrew (Native), English (Fluent), Arabic (Beginner)