David M. Kaplan

Contact

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Education

Ph.D. Economics, UC San Diego (advisor: Yixiao Sun) 2008–2013
A.B. Computer Science, Princeton University (advisor: David M. Blei) 2002–2006

Employment

Associate Professor, Economics, University of Missouri 2019–
Assistant Professor, Economics, University of Missouri 2013–2019

Visits

Cowles Foundation for Research in Economics at Yale University Fall 2019

Publications
(*student)

Frequentist properties of Bayesian inequality tests (with Longhao Zhuo*) *Journal of Econometrics* TBD
distcomp: Comparing distributions *Stata Journal* 2019
Smoothed GMM for quantile models (with Antonio F. Galvao, Luciano de Castro, and Xin Liu*) *Journal of Econometrics* 2019
Comparing distributions by multiple testing across quantiles or CDF values (with Matt Goldman) *Journal of Econometrics* 2018
Non-parametric inference on (conditional) quantile differences and interquantile ranges, using L-statistics (with Matt Goldman) *Econometrics Journal* 2018
Fractional order statistic approximation for nonparametric conditional quantile inference (with Matt Goldman) *Journal of Econometrics* 2017
Smoothed estimating equations for IVQR (with Yixiao Sun) *Econometric Theory* 2017
Improved quantile inference via fixed-smoothing asymptotics and Edgeworth expansion *Journal of Econometrics* 2015
A Computational Approach to Style in American Poetry (with David M. Blei) *ICDM* 2007
Java code for PacTag, pages 776–807 in *Sites Web Dynamiques* (ISBN 9782744009846) 1999

Drafts
(*student)
(^submitted)

Inference for Utility-robust Ranking of Distributions 2020
sivqr: Smoothed IV quantile regression (Stata command/article) 2020
^Comparing latent inequality with ordinal data (with Longhao Zhuo*) 2018/2019
^Unbiased Estimation as a Public Good 2019
^Interpreting Unconditional Quantile Regression with Conditional Independence 2019
^High-order coverage of smoothed Bayesian bootstrap intervals for population quantiles (with Lonnie Hofmann*) 2019/2020

Underway
(*=student)

Confidence Sets for Bid Quantiles and Distributions from kth Price Auction Data (with Ron Flores*) 2020
Smoothed estimating equations for nonparametric IVQR (with Yixiao Sun) 2018

Talks

BU, Chicago 2020–2021
Duke, UConn (conf poster), MEG (Wisconsin), Chinese Econ Soc (KU), Yale 2018–2019
CU Boulder, UConn, Brown, Penn State, Iowa, NY Camp Econometrics, MEG (Texas A&M), ES NASM (Wash U) 2017
MU (stat), NIU, ES World Congress (Montreal), MEG (STL Fed), K-State, MEG (UIUC) 2014–2016
Mizzou, SUNY–Albany, U Washington, LSU, Iowa, UCLA, AMES (Singapore), NSF/CEME (Stanford), MEG (Indiana) 2013
CA Econometrics Conf (Davis), UCSD 2012
ICDM 2007

Awards

"2018" Denis Sargan Econometrics Prize Royal Economic Society, 2020
Tom and Vivian Hall Faculty Excellence Award MU Econ, 2019
Quality Course Review (score: 100/100) for online intro econometrics MU, 2018
Murray Faculty Fellowship MU Econ, 2018
Winemiller Excellence Award MU, 2017
Clive Granger Fellowship UCSD Econ, 2012
Outstanding Computer Science Senior Thesis Prize Princeton CS, 2006

Advising

University of Missouri, PhD, chair: Longhao Zhuo (Bank of America AVP), Yong (Olivia) Bian, Xin Liu, Lonnie Hofmann, Qian (Joe) Wu
University of Missouri, econ PhD, member: Xi Wang, Li Tan, Wei Kong, Kyungsik Nam, Diyi Li, Tai Lee, Zhiyang (David) You, Xiqian Wang, Sanguk Kwon, Yang An, Xin (Simon) Wei, Joonhong Ahn, Ivan E. Davila, Jing Song, Cheng Qian
University of Missouri, econ MA, chair: Zhongxia Zhang, Xihao Wang
University of Missouri, econ/stat MA, co-chair: Suhwan Lee, Jeremy Thiele, Peiran (Peter) Yu, Chen-Feng Tai
University of Missouri, econ MA, member: Shiyang Fan, Seungyub Lee, Ock Hyun Joe
University of Missouri, econ/stat MA, member: Hui Wang
University of Missouri, non-econ PhD, external member: Jongyeol Yoon, Khalid Saeed, Jeonghun Kim, Jesus Rebollo
University of Missouri, undergraduate research: Dillon Fuchsman (U Arkansas, education PhD), Joshua Miles (U Florida, stat PhD)

Teaching

University of Missouri

Open-source intro econometrics textbook (draft online)	2018–
Open-source PhD elective lecture notes	2013–
ECON 4371/7371, Intro Econometrics, undergrad/MA	Spring 2014, Fall 2018
ECON 4371/7371 online, Intro Econometrics, undergrad/MA	Fall 2018/20, Spring 2020
ECON 8472, Econometrics I, MA/PhD	Spring 2014/15/16
ECON 9413, Research Workshop, PhD	Fall 2020, Spring 2021
ECON 9473, Econometrics II, PhD	Fall 2015/16, Spring 2018/19
ECON 9476, Advanced Econometrics I, PhD	Fall 2013/15/17/18, Spring 2015/17/20/21

Elsewhere

UCSD: TA for undergrad econometrics, micro, and OR	2008–2013
UCSD: department tutor for PhD econometrics qualifying exam	2011–2012
IFRE: English teacher in Atenas, Costa Rica	Summer 2008
NERA Economic Consulting: instructor in Stata, SAS, and VBA	2007–2008
CTY/CAA summer program: TA for "Geometry and its Applications"	2005
Oak Knoll Elementary: Homework Club helper	2001–2002
Menlo School: peer tutor	2000–2001

Service

Reviewer for journals, NSF, MU Research Board
MU committee member: Qualifying Exam (2013–); MA Program (2013–14); Department Chair Search (2015); Comprehensive Exam (2014–17); Salary Advisory (2018–20); Faculty Recruiting (2018–19); Doctoral Studies and Admissions (2019–)
Sundry else

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