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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| CONTACT           | kaplandm@missouri.edu                                                                                                                                                                         | <a href="https://kaplandm.github.io/">https://kaplandm.github.io/</a> |
| 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        | Professor, Economics, University of Missouri                                                                                                                                                  | 2025–                                                                 |
|                   | Director of Doctoral Studies                                                                                                                                                                  | 2021–                                                                 |
|                   | Associate Professor, Economics, University of Missouri                                                                                                                                        | 2019–2025                                                             |
|                   | Assistant Professor, Economics, University of Missouri                                                                                                                                        | 2013–2019                                                             |
| EDITORIAL         | Associate Editor, <i>Econometric Theory</i>                                                                                                                                                   | 2026–2028                                                             |
|                   | Associate Editor, <i>Journal of Econometrics</i>                                                                                                                                              | 2026–2027                                                             |
| VISITS            | Cowles Foundation for Research in Economics at Yale University                                                                                                                                | Fall 2019                                                             |
| STATA             | ivqregress smooth (based on Kaplan and Sun, 2017, <i>ET</i> )                                                                                                                                 | Stata 18+                                                             |
|                   | net from <a href="https://kaplandm.github.io/stata">https://kaplandm.github.io/stata</a>                                                                                                      |                                                                       |
|                   | ↳ distcomp (based on Goldman and Kaplan, 2018, <i>JoE</i> ; Kaplan, 2019, <i>Stata J</i> )                                                                                                    |                                                                       |
|                   | ↳ sivqr (based on Kaplan and Sun, 2017, <i>ET</i> ; Kaplan, 2022, <i>Stata J</i> )                                                                                                            |                                                                       |
|                   | ↳ latentcs (based on Kaplan and Zhao, 2023, <i>EctJ</i> )                                                                                                                                     |                                                                       |
| PUBLICATIONS      | Regression and decomposition with ordinal health outcomes (with Qian Wu*)                                                                                                                     | <i>Journal of Health Economics</i> 2025                               |
| *(former) student | Multiple testing of a function’s monotonicity (with Wei Zhao*)                                                                                                                                | <i>TEST</i> 2025                                                      |
|                   | Inference on Consensus Ranking of Distributions                                                                                                                                               | <i>Journal of Business &amp; Economic Statistics</i> 2024             |
|                   | Conditions for Extrapolating Differences in Consumption to Differences in Welfare (with Wei Zhao*)                                                                                            | <i>Economic Inquiry</i> 2024                                          |
|                   | Confidence Intervals for Intentionally Biased Estimators (with Xin Liu*)                                                                                                                      | <i>Econometric Reviews</i> 2024                                       |
|                   | $k$ -Class Instrumental Variables Quantile Regression (with Xin Liu*)                                                                                                                         | <i>Empirical Economics</i> 2024                                       |
|                   | Comparing latent inequality with ordinal data (with Wei Zhao*)                                                                                                                                | <i>Econometrics Journal</i> 2023                                      |
|                   | The impact of conventional versus robust norming on cognitive characterization and clinical classification of MCI and dementia (with Alyssa N. Kaser, William Goette, and Andrew M. Kiselica) | <i>Journal of Neuropsychology</i> 2023                                |
|                   | High-order Coverage of Smoothed Bayesian Bootstrap Intervals for Population Quantiles (with Lonnie Hofmann*)                                                                                  | <i>Austrian Journal of Statistics</i> 2023                            |
|                   | Smoothed instrumental variables quantile regression                                                                                                                                           | <i>Stata Journal</i> 2022                                             |
|                   | Frequentist properties of Bayesian inequality tests (with Longhao Zhuo*)                                                                                                                      | <i>J of Econometrics</i> 2021                                         |
|                   | distcomp: Comparing distributions                                                                                                                                                             | <i>Stata Journal</i> 2019                                             |
|                   | Smoothed GMM for quantile models (with Antonio F. Galvao, Luciano de Castro, and Xin Liu*)                                                                                                    | <i>Journal of Econometrics</i> 2019                                   |
|                   | Comparing distributions by multiple testing across quantiles or CDF values (with Matt Goldman)                                                                                                | <i>Journal of Econometrics</i> 2018                                   |
|                   | Non-parametric inference on (conditional) quantile differences and interquantile ranges, using $L$ -statistics (with Matt Goldman)                                                            | <i>Econometrics Journal</i> 2018                                      |
|                   | Fractional order statistic approximation for nonparametric conditional quantile inference (with Matt Goldman)                                                                                 | <i>Journal of Econometrics</i> 2017                                   |
|                   | Smoothed estimating equations for IVQR (with Yixiao Sun)                                                                                                                                      | <i>Econometric Theory</i> 2017                                        |
|                   | Improved quantile inference via fixed-smoothing asymptotics and Edgeworth expansion                                                                                                           | <i>Journal of Econometrics</i> 2015                                   |
|                   | A Computational Approach to Style in American Poetry (with David M. Blei)                                                                                                                     | <i>ICDM</i> 2007                                                      |
|                   | Java code for PacTag, pages 776–807 in <i>Sites Web Dynamiques</i> (ISBN 9782744009846)                                                                                                       | 1999                                                                  |
| DRAFTS            | ˆFinite-Sample Auction Inference Using Transaction Prices (with Xin Liu*)                                                                                                                     | 2024                                                                  |
| *(former) student | ˆQuantile Regression with Log(0) Outcomes (with Xin Liu*)                                                                                                                                     | 2025                                                                  |
| ˆsubmitted        | ˆMultiple Testing for Distributional Differences with Non-iid Data (with Xin Liu*)                                                                                                            | 2025                                                                  |
|                   | ˆMultiple Testing of Stochastic Monotonicity (with Qian Wu*)                                                                                                                                  | 2025                                                                  |
| TALKS             | Center for Econometrics and Business Analytics, MEG (Kentucky), UIUC, MEG (UIUC)                                                                                                              | 2024–2025                                                             |
|                   | MEG (MSU), Texas A&M, MEG (Cleveland Fed)                                                                                                                                                     | 2022–2023                                                             |
|                   | BU, Chicago, UCSC, NASMES (“UQAM”), Stata (“Seattle”), EEA–ESEM (“Copenhagen”)                                                                                                                | 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), NASMES  
 (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 (Stan-  
 ford), MEG (Indiana) 2013  
 ICDM (Omaha), CA Econometrics Conf (Davis), UCSD 2007–2012

## AWARDS

MU Econ: Alumni Leaders Board Faculty Award (2025), Nouss Teaching Fellowship (2024), Melissa and David Skeens Faculty Fellowship (2022), Black Swan Award (2021), Murray Faculty Fellowship (2021+2018), Tom and Vivian Hall Faculty Excellence Award (2019)  
 MU: Gold Chalk Award (from GPC, 2024), Winemiller Excellence Award (2017)  
 Non-MU: “2018” Denis Sargan Econometrics Prize (Royal Economic Society, 2020), Clive Granger Fellowship (UCSD Econ, 2012), Outstanding Computer Science Senior Thesis Prize (Princeton CS, 2006)

## ADVISING (initial job)

Chair (econ PhD; academic jobs are tenure-track unless otherwise noted): Longhao Zhuo (Bank of America AVP), Xin Liu (Washington State University), Yong “Olivia” Bian (Zhejiang Gongshang University), Lonnie Hofmann (PwC then FCC), Qian “Joe” Wu (SWUFE), Wei Zhao (Truist AVP), Sunghoon Chung (Truman State) (ABD), Yong Feng (Citi) (ABD), Yuyao Zhang (2027)  
 Member (econ PhD): Xi Wang, Li Tan, Wei Kong, Kyungsik Nam, Diyi Li, Tai Lee, Xiqian Wang, Yang An, Sanguk Kwon, Zhiyang “David” You, Joonhong Ahn, Iván Dávila Fadul, Cheng Qian, Xin “Simon” Wei, Fangda Wang, Tabitha Chikhladze, Jihyun Kim, Seonyong Kim, Brendan Cirillo, Duan Zhang, Sofia Baker, Jeonghyun Kim  
 Undergraduate (research project): Dillon Fuchsman (U Arkansas, education PhD), Joshua Miles (U Florida, stat PhD), Shawn Chang (TBD 2026)  
 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, Jesús Rebollo Bueno, Paul Simanjuntak, Shivam Sharma, Majid Nikyar

## TEACHING

*University of Missouri*  
 Open-source intro econometrics textbook (online here) 2018–  
 Open-source PhD math camp lecture notes (online here) 2024–  
 Open-source PhD core econometrics II textbook (online here) 2023–  
 Open-source PhD elective lecture notes (online here) 2013–  
 MU Quality Course Review 100/100 for online intro econometrics 2018  
 Various undergrad/MA/PhD econometrics classes 2013–  
*Elsewhere*  
 Fairview Elementary: math club 2024–  
 UCSD: TA and qual tutor 2008–2013  
 IFRE: English teacher in Atenas, Costa Rica Summer 2008  
 NERA: instructor in Stata, SAS, and VBA 2007–2008  
 CTY/CAA: TA for “Geometry and its Applications” Summer 2005  
 Oak Knoll Elementary: Homework Club helper 2001–2002  
 Menlo School: peer tutor 2000–2001

## SERVICE

External: reviewer for journals, grants  
 Internal: PhD program director, various department committees, sundry else