Contact Information

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Education

Ph.D in Statistics, Stanford University, 2017
Ph.D. Minor, Computer Science
Dissertation Title: Evaluating Diagnostics Under Dependency Constraints
Advisers: Lu Tian, Ingram Olkin
J.D., Yale Law School, 2010
B.S., Mathematics, Stanford University, 2004

Current Position

Post-doctoral Research Associate
Department of Statistics, The Wharton School, Aug. 2018–Present
Department of Biostatistics, Harvard School of Public Health, Aug. 2017–Aug.2018
Adviser: Eric Tchetgen Tchetgen

Publications

[1] Haben Michael, Yifan Cui, and Eric J. Tchetgen Tchetgen. Identification and estimation of marginal structural models for time-varying endogenous treatments: A time-varying instrumental variable approach. 2018.

[2] Haben Michael, Suzanne Thornton, Minge Xie, and Lu Tian. Exact inference on the random-effects model for meta-analyses with few studies. *Biometrics*, 2018.

[3] Eric J. Tchetgen Tchetgen, Haben Michael, and Yifan Cui. Marginal structural models for time-varying endogenous treatments: A time-varying instrumental variable approach. Technical report, Department of Statistics, The Wharton School, September 2018. arXiv:1809.05422.

[4] Haben Michael, Lu Tian, and Musie Ghebremichael. The ROC curve for regularly measured longitudinal biomarkers. *Biostatistics*, page kxy010, 2018.

[5] Haben Michael and Lu Tian. Discussion of "A risk-based measure of time-varying prognostic discrimination for survival models," by C. Jason Liang and Patrick J. Heagerty". *Biometrics*, 73(3), 2017.

Invited Talks

Weighted K-Means Clustering with Dynamic Programming Solution.
Meta-Research Innovation Center at Stanford Forum
Stanford, CA, 2016
Instrumental Variable Estimation of a Cox Marginal Structural Model with Endogenous Time-Varying Exposure.
Recent advances in causal inference for survival analysis, ENAR 2019
Philadelphia, PA, 2019

Referee Experience

The American Statistician, Journal of the Royal Statistical Society, Statistics in Medicine, Statistical Methods in Medical Research

Teaching (Stanford)

Instructor	Statistics 195, R Programming, 2014–2017
Teaching Assistant	Theory of Probability, Stochastic Process II, Unsupervised Learning II, Meta-analysis (occasional lecturing), Multivariate Analysis (occasional lecturing), Data Mining (occasional lecturing)
	Statistics Department Teaching Assistant Award, 2013–14

References

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