Stanford



Tijana Zrnic

Assistant Professor of Statistics, of Management Science and Engineering and, by courtesy, of Computer Science

Bio

BIO

Tijana Zrnic is an Assistant Professor at Stanford University, jointly appointed between Statistics, Management Science & Engineering, and, by courtesy, Computer Science. She works on foundational questions in machine learning, statistics, and data-driven decision-making. Example topics of interest include AI-assisted statistical inference and data collection, performative prediction, and studying selection bias.

ACADEMIC APPOINTMENTS

- Assistant Professor, Statistics
- Assistant Professor, Management Science and Engineering
- Assistant Professor (By courtesy), Computer Science

PROFESSIONAL EDUCATION

- PhD, University of California, Berkeley , Electrical Engineering and Computer Sciences (2023)

LINKS

- Personal Website: https://tijana-zrnic.github.io

Teaching

COURSES

2026-27

- Reliability and Validity in Artificial Intelligence: MS&E 330, STATS 357 (Win)
- Senior Project: MS&E 108 (Win)
- Theory of Statistics III: STATS 300C (Spr)

2025-26

- Reliability and Validity in Artificial Intelligence: MS&E 330, STATS 357 (Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Puheng Li

Postdoctoral Faculty Sponsor

Chris Hays

Orals Evaluator

Wenlong Ji

Publications

PUBLICATIONS

- **PPI plus plus : EFFICIENT PREDICTION-POWERED INFERENCE** *ANNALS OF APPLIED STATISTICS*
  Angelopoulos, A. N., Duchi, J. C., Zrnic, T.
  2026; 20 (3): 2235-2252
- **A FLEXIBLE DEFENSE AGAINST THE WINNER'S CURSE** *ANNALS OF STATISTICS*
  Zrnic, T., Fithian, W.
  2025; 53 (6): 2516-2535
- **Can Unconfident LLM Annotations Be Used for Confident Conclusions?**
  Gligoric, K., Zrnic, T., Lee, C., Candes, E. J., Jurafsky, D.
  edited by Ritter, A., Chiruzzo, L., Wang, L.
  ASSOC COMPUTATIONAL LINGUISTICS-ACL.2025: 3514-3533
- **Cross-prediction-powered inference.** *Proceedings of the National Academy of Sciences of the United States of America*
  Zrnic, T., Candès, E. J.
  2024; 121 (15): e2322083121