

Yujian Wu

CONTACT INFORMATION	Department of Mathematics and Statistics University of Massachusetts, Amherst, MA, 01002	<i>E-mail:</i> yujianwu@umass.edu
EDUCATION	University of Massachusetts , Amherst, MA Ph.D., Statistics, 2024 <ul style="list-style-type: none">Thesis Advisor: Ted WestlingThesis topic: Constrained non-parametric inference University of Rochester , Rochester, NY M.S., Data science, 2019 Chinese Academy of Sciences , China M.S., Biochemistry, 2014 Shandong University , China B.S., Biology, 2010	
PUBLICATIONS	<u>Statistical theory and methodology</u> <ul style="list-style-type: none">Wu, Y. and Westling, T. (2022). Nonparametric inference under a monotone hazard ratio order. arXiv:2205.01745. (to appear on <i>Electronic Journal of Statistics</i>). <u>Patent</u> <ul style="list-style-type: none">Molla, S., Pisharat, M., Wu, Y., Mostowfi, F., and Jaimes., O. (2020). Determining hydrocarbon resource characteristics via mud logging. US20210062650A1.	
SOFTWARE AND PACKAGE	Nonparametric inference of a non-decreasing hazard ratio MonotoneHazardRatio . Nonparametric inference of a continuous causal dose-response curve ctsDoseResponse .	
AWARDS	New England Statistics Symposium 2023: student poster award	JUNE 2023
CONFERENCE	New England Statistics Symposium 2023	JUNE 2023
TEACHING EXPERIENCE	STAT 515: Mathematical Statistics	September 2019 - present
	STAT 111: Elementary Statistics	January 2020 - May 2020
EMPLOYMENT	Department of Mathematics and Statistics, University of Massachusetts , Amherst, MA September 2019 - May 2024: <i>Teaching Assistant</i> Department of Mathematics and Statistics, University of Massachusetts , Amherst, MA May 2022 - August 2022: <i>Research Assistant</i> , Advisor: Ted Westling (NSF Award 2113171) Thermo Fisher Scientific , Shanghai, China July 2014 - June 2016: <i>Application Engineer</i>	

ACADEMIC
SERVICES

Peer review

- Journal of Nonparametric Statistics
- American Journal of Epidemiology
- F1000Research
- Frontiers in Endocrinology
- International Conference on Numerical Modelling in Engineering