

# Xinran Miao

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EDUCATION	Ph.D. in Statistics University of Wisconsin-Madison, USA • Advisor: <a href="#">Jiwei Zhao</a>	<i>Fall 2021 - present</i>
	M.S. in Statistics University of Wisconsin-Madison, USA	<i>Fall 2019 - Spring 2021</i>
	B.S. in Statistics Nankai University, China	<i>Fall 2016 - Spring 2020</i>
RESEARCH INTERESTS	Model transportability, sensitivity analysis, semiparametric methods, and causal inference.	
PUBLICATIONS	<ol style="list-style-type: none"><li>3. Mao, L., Kim, K. and Miao, X., 2022. <a href="#">Sample size formula for general win ratio analysis</a>. <i>Biometrics</i>, 78(3), pp.1257-1268.</li><li>2. Zheng, M., Miao, X. and Sankaran, K., 2022. <a href="#">Interactive Visualization and Representation Analysis Applied to Glacier Segmentation</a>. <i>ISPRS International Journal of Geo-Information</i>, 11(8), p.415.</li><li>1. Hernando, D., Zhao, R., Yuan, Q., Aliyari Ghasabeh, M., Ruschke, S., Miao, X., Karampinos, D.C., Mao, L., Harris, D.T., Mattison, R.J. and Jeng, M.R., Pedrosa, I., Kamel, I.R., Vasanawala, S., Yokoo, T. and Reeder, S.B. 2022. <a href="#">Multi-center Reproducibility of Liver Iron Quantification with 1.5-T and 3.0-T MRI</a>. <i>Radiology</i>, p.213256.</li></ol>	
WORKING PAPERS	<ol style="list-style-type: none"><li>1. Miao, X. and Zhao, J., 2023. Transportability Index and Its Efficient Estimation. <i>Under Review</i>.</li></ol>	
TEACHING EXPERIENCE	Teaching Assistant at UW-Madison • STAT 849: Theory and Application of Regression and Analysis of Variance I <i>Fall 2023</i> • STAT 301: Introductory to Statistics <i>Fall 2021, Spring 2022</i>	
TALKS	• Transportability Index: Inverse Probability Weighting with Neural Network. Statistics Graduate Student Association Seminar at UW-Madison, December 2022.	
PROFESSIONAL ORGANIZATIONS	• Institute of Mathematical Statistics.	