YI LIU

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Technical Skills: R, SAS, LATEX, SQL   Duke University School of Medicine, Durham NC 27705

EDUCATION

Master *of Biostatistics*, **Duke University**, U.S.   May 2022

- Thesis: *Overlap, Inverse Probability, and Matching Weights: What Are We Weighting For?* (Advisor: Dr. Roland Matsouaka)

- Courses: Applied Empirical Processes, Missing Data Analysis, Advanced Inferential Techniques & Theory, Statistical Inference, Survival Analysis, Analysis of Longitudinal Data, Phase II Clinical Trials, Biostatistics Core Sequence (Theory I&II, Application I&II, Practices I&II), R, SAS

B.S., *Mathematics and Applied Mathematics*, **Southeast University**, China   June 2020

PUBLICATION

1. Matsouaka RA, **Liu Y**, and Zhou Y. Overlap weights: what are we weighting for? *In progress*

2. Matsouaka RA, **Liu Y**, and Zhou Y. Variance estimation for the average treatment effects on the treated and on the controls. (Submitted to: *Statistical Methods in Medical Research*)

January, 2022