

March 2022

# Yi Liu

Department of Biostatistics and Bioinformatics  
Duke University School of Medicine, Durham, NC 27705  
**Contact:** yi.liu.biostat@gmail.com

---

## 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 A. Matsouaka

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

## TECHNICAL SKILLS

R,  $\text{\LaTeX}$ , SAS, SQL

## PUBLICATION

1. Matsouaka RA, **Liu Y**, and Zhou Y. Overlap weights: what are we weighting for? In progress: *Statistics in Medicine*.
2. Matsouaka RA, **Liu Y**, and Zhou Y. Variance estimation for the average treatment effects on the treated and on the controls. Submitted: *Statistical Methods in Medical Research*.