

# Lin Zou

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## MAIN RESEARCH INTERESTS

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Biostatistics, Multivariate methods, Statistical learning, Machine learning

## EDUCATION

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### Brown University

*ScM, Biostatistics*

**May, 2022**

*Providence, RI*

### University of Minnesota – Twin Cities

*BS, Statistical Science*

**May, 2020**

*Minneapolis, MN*

- GPA: 3.589/4.0
- Advisor: Jessica Nielson

## PUBLICATION

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**Zou L.**, Pierce B., Nielson J. (2020). A Multi-modal Assessment of Clinical Predictors for Traumatic Brain Injury Endpoints. *Journal of Neurotrauma*. (In Review).

## PROJECTS

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**Zou L.** (2020). Survival Analysis of Skin Cutaneous Melanoma Data Retrieved from The Cancer Genome Atlas Program. *Senior Capstone Project*.

Group project. (2019). Particulate Matter and its Association in Asthma Outcomes. *Colorado Summer Institute in Biostatistics*.

## WORK EXPERIENCE

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### Nielson Computational Psychiatry Lab

*Undergraduate Research Student*

**Sept. 2018 – May 2020**

*Minneapolis, MN*

- Used R for factor analysis and ordinal logistic regression on TRACK-TBI pilot study dataset
- Optimized the TDAmapper R package to generate topological networks for TBI data from the TRACK-TBI pilot study dataset
- Weekly meeting with advisor to discuss progress on the manuscript and understanding of research literature

### Colorado Summer Institute in Biostatistics

*Undergraduate Research Student*

**June 2019 – July 2019**

*Aurora, CO*

- Completed two courses at University of Colorado School of Public Health: Introduction to Biostatistics Methods, Introduction to Statistical Theory
- Created R Shiny app for visualizing large biomedical dataset

## AWARDS

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- Dean's List
- Nomination for Buehler Memorial Scholarship

**Fall 2018/Spring 2019/Spring 2020**  
**Spring 2019**