

# Research

Publications, projects, and academic work

## Table of contents

<b>1 Publications</b>	<b>1</b>
<b>2 Current Projects</b>	<b>1</b>
2.1 Statistical Methods Development . . . . .	1
2.2 Collaborative Research . . . . .	1
<b>3 Data and Code</b>	<b>2</b>
3.1 Open Science Contributions . . . . .	2

## 1 Publications

Research articles, conference papers, and academic contributions in statistics, data science, and biomedical research.

## 2 Current Projects

### 2.1 Statistical Methods Development

- Novel approaches to clinical trial design
- Bayesian methods for biomarker analysis
- Reproducible research workflows

### 2.2 Collaborative Research

- Multi-institutional studies
- Open science initiatives
- Methodological consulting

## 3 Data and Code

Reproducible research materials, datasets, and computational resources supporting published work.

### 3.1 Open Science Contributions

- R packages for statistical analysis
- Data analysis pipelines
- Methodology implementations

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*This section will be populated with detailed publication lists, project descriptions, and research materials. Citations can be rendered from BibTeX files using Quarto's citation system.*