



Mission: CSTAT leads in efforts to increase scientific rigor and reproducibility in order to improve quality and impact of research to help MSU scholars thrive.

Key Activities (<https://cstat.msu.edu/>)

- Provide expertise and guidance on study design, **statistical methods**, interpretation of results, and conduct statistical analyses
- Participate in **grant proposal** applications with design and statistical methods considerations and sample size determination and as key personnel (see <https://cstat.msu.edu/cstat-services>)
- Provide research **data management** services
- Collaborate on **manuscripts** and serve as co-authors
- Advise on study design and implementation of statistical methods for **dissertations**.
- Organize/teach workshops and **seminars** on responsible conduct of research, statistical methods, software, data management.

Collaborations and Outreach

1. **CSTAT Advisory Board.** Associate Deans of sponsoring colleges meet bimonthly to advise, support, and promote CSTAT's mission and programs.
2. **CSTAT Sponsors.** We are grateful to colleges and departments who support CSTAT's mission and contribute financially. Additional statistics support is available to sponsors.
3. **CSTAT International.** Discuss best practices with leaders of statistical consulting units nationally and internationally. Collaborate with biostatistics experts (<https://stratos-initiative.org>) on different statistics topics such as initial data analysis, missing data, variable selection, causal inference, survival analysis, high dimensional data analysis, and data visualization.
4. **CSTAT Ambassadors** are CSTAT RAs who are available to give presentations to graduate student groups in various MSU units. Please contact: cstatinf@msu.edu

CSTAT staffing

Director (Professor Statistics & Probability), 4 Ph.D. statisticians (Academic Research Specialists), 1 Research Associate, 1 PhD statistician postdoc, 4 graduate student research assistants, administrative staff.

Please tell us more about your project and "Schedule a meeting:"
<https://cstat.msu.edu/>

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