



THE UNIVERSITY OF BRITISH COLUMBIA

Applied Statistics and Data Science Group

Department of Statistics



ABOUT ASDa

[The Applied Statistics and Data Science Group](#) (ASDa) in the UBC Department of Statistics provides assistance in the statistical formulation of research questions, the design of experiments and sampling plans for surveys, the choice and explanation of statistical methodology, statistical computing and graphics, statistical analysis, the interpretation of findings, and more. ASDa also plays an active role in continuing education on and off the UBC campus, giving seminars and workshops on statistical concepts and methodology to various departments, research groups and at teaching hospitals.

- [Hire](#) one of our ASDa statistical consultants to discuss your project
- One hour consultation [free for graduate students only](#)
- Advice or analysis **free for anyone**, refer to the STAT 450/550/551 details [here](#)
- Introduction to statistical concepts webinars ([schedule](#) and [registration](#))
- [Learning R](#) at UBC

Previously **recorded webinars** from ASDa and [G+PS](#) through the Graduate Pathways for Success Program. To access these, you will need to login with your UBC CWL.

Fundamentals of Statistics Series:

- [Exploratory Data Analysis](#)
- [Study Design and Data Collection Essentials](#)
- [Two group comparisons and ANOVA](#)
- [Correlation and Linear Regression](#)
- [Logistic and Poisson Regression](#)
- [Mixed Effects Models](#)
- [Machine Learning](#)

Reproducible Research Series:

- [Introduction to Reproducible Research and its Pitfalls](#)
- [Introduction to Reproducible Research Tools](#)
- [Collaborative Reproducible Research Tools](#)
- [Building Shiny Applications and Dashboards](#)

And from ASDa and Vancouver Coastal Health, with a focus on medical studies:

- [Statistical considerations when planning a research project](#)