



Graduate Pathways to Success/SCARL Workshop V: Modelling Proportions and Count Data

Tuesday, May 5th, 3:30 PM – 6:00 PM

Graduate Student Centre, 6371 Crescent Rd, UBC, Point Grey campus

This is the fifth workshop in a 6-part statistics series.

NOTE: Due to the large # of statistical software available, this session will not be about any specific software but, rather, the methodology behind the software.

Topic: How to conduct a 2 group comparison with binary or count data. Expanding the analysis to include more than 2 groups and more than 1 predictor including both numeric and categorical covariates. This introduces logistic and Poisson regression analysis followed by an introduction to generalized linear models.

About SCARL: The Statistical Consulting and Research Laboratory (SCARL) 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. SCARL also plays a role in continuing education on and off the UBC campus, giving seminars and workshops on statistical concepts and methodology to various departments and research groups and at teaching hospitals.

Presenter: Rick White has worked for the Statistical Consulting and Research Laboratory (SCARL) in the UBC Department of Statistics for over 20 years. For the last 7 years he has been the Managing Director of SCARL. Rick has consulted on many projects that cover a wide variety of statistically related issues, including experimental design, graphical displays of data, statistical modelling and data analysis. Through his consulting he has co-authored over 40 peer reviewed papers primarily in biostatistics and the "omics". His group is available to consult on an individual level with UBC researchers who need help with the statistical elements of their research.

Registration: Priority will be given to currently registered UBC graduate students. To register, please visit <https://community.grad.ubc.ca/gps/event/12249>

Confirmation of registration will be sent within two working days. If you experience any difficulty using the online registration tool, please e-mail graduate.pathways@ubc.ca.

Refreshments: Beverages will be provided. Please bring your own mug.

For information on upcoming Graduate Pathways to Success Events, please visit: www.grad.ubc.ca/pathways

We appreciate the support of the Graduate Student Society for this event.