



New book release: *Applied Statistics in Biology*

Societies publish a practical guide to using SAS, R and JMP

By Alison Jennings

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Applied statistics in biology

Ask a senior Ph.D. student, early career researcher, or established professor what they wish they took more courses on in grad school? They'll probably tell you, "Statistics, of course."

A good understanding of statistical analysis is crucial for correctly interpreting biological data. However, there is a lack of statistical courses and resources geared towards students and researchers in the applied life sciences. *Applied Statistics in Biology: A Practical Guide Using SAS, R and JMP* appeals to agricultural and environmental researchers by teaching core statistical concepts using field-relevant

examples.

The new book, published by ASA, CSSA, and SSSA, goes beyond familiarizing readers with modern approaches to statistical analyses—including topics such as regression, response surface methodology, and multivariate techniques—it also provides examples of R code, SAS code, and JMP methods for readers to practice their new skills.

This book is an accessible overview of statistical analyses with tutorials on the most popular statistical software and programming languages, making it a great standalone or complimentary textbook. It would be a great tool for students, researchers, and teachers alike.

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