

About this Book

Using highly interactive learning design, this Concepts in Statistics course provides students with a strong understanding of fundamental principles that guide the study of statistical inference. Drawing from Open Learning Initiative (OLI) source content, this course's simulations and lab-style synthesis activities invite hands-on exploration of statistical concepts. Students learn to summarize data graphically and numerically; examine relationships among quantitative data; understand the role of probability and probability distributions; link probability to statistical inference; and conduct foundational statistical calculations and analyses.

Contributors

This book has benefited from the contributions of many people, including Polina Burkhardt, J. M. Breton, Melissa Moreno, Sidney Nataro, Soonduk Park, Ira Rosenthal, and Mike Wolbert.