Regression Analysis of Count Data

Regression Analysis of Count Data has transformed the way we analyze data with counts, achieving widespread use across various academic disciplines. This comprehensive guide provides essential techniques and tools for analyzing count data, which is common in many fields.

Poisson regression is often used for modeling count data. Poisson regression can be applied in various fields such as economics, epidemiology, and environmental science. The book also discusses negative binomial regression, which is useful when the variance is greater than the mean (overdispersion). These models are particularly valuable in fields where count data are prevalent, such as ecology, medicine, and economics.

This book is a valuable resource for researchers, students, and practitioners who work with count data. It offers a clear and comprehensive overview of the methods and their applications, making it an indispensable tool for anyone involved in statistical analysis.