

PROLOGUE

The first part of the book discusses the importance of understanding the context of the data being analyzed. It emphasizes the need for a clear research question and the selection of appropriate statistical methods. The author also highlights the importance of data quality and the potential pitfalls of using flawed data.

Method	Advantages	Disadvantages
Regression Analysis	Allows for the prediction of outcomes based on input variables.	Assumes a linear relationship between variables.
ANOVA	Used to compare the means of three or more groups.	Requires the assumption of normality and equal variances.
Correlation	Measures the strength and direction of the relationship between two variables.	Does not imply causation.

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