

# Linear Models

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# Chapter 1

## Introduction

Welcome to the book on Linear Models...



## Chapter 2

# Generalized Inverses

**Definition:** A generalized inverse of the matrix

(In algebra, a system of equations (either linear or nonlinear) is called consistent if there is at least one set of values for the unknowns that satisfies each equation in the system—that is, when substituted into each of the equations, they make each equation hold true as an identity.)