

Introduction to linear regression analysis

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Abstrak

"This book describes both the conventional and less common uses of linear regression in the practical context of today's mathematical and scientific research"--1.Introduction

2.Simple Linear Regression

3.Multiple Linear Regression

4.Model Adequacy Checking

5.Transformations And Weighting To Correct Model Inadequacies

6.Diagnostics For Leverage And Influence

7.Polynomial Regression Models

8.Indicator Variables

9.Multicollinearity

10.Variable Selection And Model Building

11.Validation Of Regression Models

12.Introduction To Nonlinear Regression

13.Generalized Linear Models

14.Regression Analysis Of Time Series Data

15.Other Topics In The Use Of Regression Analysis