

# Recommended Econometrics Books for Choice Modeling and Statistical Analysis of Travel Behavior

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## Essential

1. **Jeffrey M Wooldridge - Introductory Econometrics: A Modern Approach**
  - This provides me with a solid foundation in econometrics, essential for understanding the basics and for more advanced study.
2. **Kenneth E. Train - Discrete Choice Methods with Simulation, Second Edition**
  - This book is directly relevant to my work in choice modeling, covering discrete choice methods extensively.
3. **Angrist and Pischke - Mostly Harmless Econometrics**
  - It focuses on the practical application of econometric methods, which is useful for my behavioral data analysis.
4. **Alan Agresti - An Introduction to Categorical Data Analysis**
  - This is useful for handling categorical data, which is common in my studies of travel behavior and choice modeling.
5. **Jeffrey M Wooldridge - Econometric Analysis of Cross Section and Panel Data**
  - It covers advanced techniques for cross-sectional and panel data, which are likely relevant to my work.
6. **Greene, William - Econometric Analysis, 5th Edition**
  - This is a comprehensive and detailed resource for a wide range of econometric techniques, useful as a reference for my complex analyses.

## Specific

1. **Baltagi, Badi - Econometric Analysis of Panel Data**
  - This will be useful if I am working with panel data in my research.
2. **Davidson and MacKinnon - Estimation and Inference in Econometrics**
  - This is good for a deeper theoretical understanding of estimation and inference methods if needed.

## Advanced

1. **G.S. Maddala - Limited-Dependent and Qualitative Variables in Econometrics**
  - While useful for specific limited dependent variable techniques, I find that the other books cover most of what I need.
2. **The EM Algorithm and Extensions, Second Edition - Geoffrey J. McLachlan and Thriyambakam Krishnan**
  - This is more specialized for those focusing on the EM algorithm, which might be beyond the scope of my immediate needs.
3. **Bruce E. Hansen - ECONOMETRICS**
  - This is advanced and theoretical, and might be more than necessary for my applied choice modeling.
4. **Yongmiao Hong - Lecture Notes on Advanced Econometrics**
  - These are specialized and advanced, better suited for those deeply into econometric theory.
5. **Microeconomic Theory - Andreu Mas-Colell, Michael D. Whinston, and Jerry R. Green**
  - This is highly theoretical and focused on microeconomics rather than econometrics or choice modeling directly.