R Companion to Discrete Choice Methods with Simulation

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Table of contents

Pr	retace	4
I	Introduction	5
1	Introduction	6
2	Properties of Discrete Choice Models	7
II	Behavioral Models	8
3	Logit	9
4	GEV	10
5	Probit	11
6	Mixed Logit	12
7	Variation on a Theme	13
8	Numerical Maximization	14
Ш	Estimation	15
9	Drawing from Densities	16
10	Simulation-Assisted Estimation	17
11	Individual-Level Parameters	18
12	Bayesian Procedures	19
13	Endogeneity	20
14	FM Algorithms	21

References	22
Appendices	23
A Appendix	23

Preface

This is a Quarto book.

To learn more about Quarto books visit https://quarto.org/docs/books.

Part I Introduction

1 Introduction

This is a book created from markdown and executable code.

It's the R Companion to the book Discrete Choice Methods with Simulation (Train (2009)).

2 Properties of Discrete Choice Models

Part II Behavioral Models

3 Logit

4 GEV

5 Probit

6 Mixed Logit

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#### 7 Variation on a Theme

#### 8 Numerical Maximization

# Part III Estimation

# 9 Drawing from Densities

#### 10 Simulation-Assisted Estimation

#### 11 Individual-Level Parameters

# 12 Bayesian Procedures

# 13 Endogeneity

# 14 EM Algorithms

#### References

Train, Kenneth E. 2009. Discrete Choice Methods with Simulation. Cambridge University Press. https://eml.berkeley.edu/books/choice2.html.

# A Appendix