

Multivariate Data Analysis

(MGT513, BAT531, TIM711)

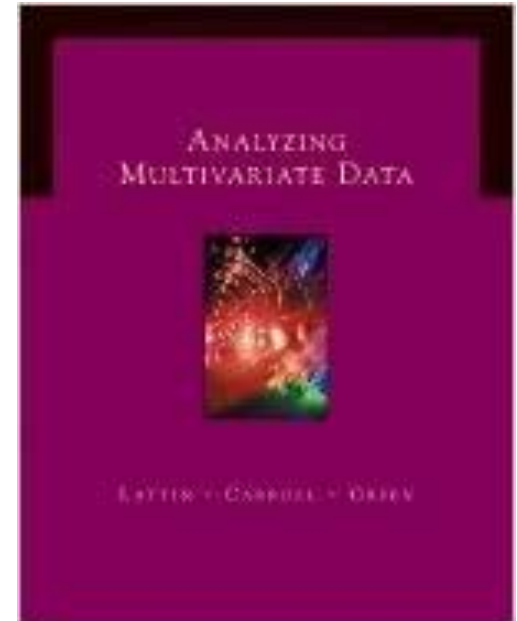
Lecture 1

Course Materials

- Textbook (with Data CD)

Analyzing Multivariate Data, 1st edition by James Lattin, Douglas Carroll, and Paul Green, 2003
[LCG]

- Blackboard: lecture notes, data sets, and more



Course Materials



단행본

Analyzing multivariate data

Lattin, James M. Carroll, J. Douglas; Green, Paul E c2003

이용가능: [Main Library](#) [3F]Course Reserves (QA278 L38 2003) >



QR 코드를 이용하시면 모바일에서 이 페이지를 쉽게 찾을 수 있습니다.

맨 위로 이동

내보내기

내보내기

소장 사항

상세정보

링크

가상 서가 브라...

태그



EXCEL 내보내기



BIBTEX



ENDNOTE (PC)



REFWORKS



ENDNOTE WEB



EASYBIB



인용



바로가기 URL



인쇄



이메일

소장 사항

로그인 필요 [로그인](#)

요청 옵션:

Library [3F]Course Reserves QA278 L38 2003

[소장검색](#)

[상세정보 숨김](#)

(3 복본, 3 이용 가능, 0 요청)

1 - 3 of 3 레코드

바코드	유형	정책	권호 사항	상태
UM00069139	도서	대출 가능		서가에 있음
UM00216810	도서	대출 가능		서가에 있음
UM00216811	도서	대출 가능		서가에 있음

Format of the Textbook

- Introduction
- Intuition
- Mechanics
- Sample problem
- Questions relating to the application of the method
- Learning summary
- Selected readings
- Exercises

Course Grading

- Individual Assignments (90%)
 - Exercise questions from the textbook
 - Data set will be uploaded (temporarily)
 - Need to submit **7** assignments
- Attendance and participation (10%)

Administrative issues

- Lectures will be followed by computing illustrations (*R* / SPSS AMOS)
- HW will be discussed (I'll ask some of you to share your ideas)

Administrative issues

- Communicate with me
 - email: keeylee@unist.ac.kr
 - Office Hours: by appointment

Teaching Schedule

Week	Topic	
1	Introduction Ch.2 Vectors and Matrices	
2	Ch.4 Principal Component Analysis	HW 1, HW 2
3	Ch.5 Exploratory Factor Analysis	HW 3
4	Ch.6 Confirmatory Factor Analysis	
5	Ch.7 Multidimensional Scaling	HW 4
6	Ch.8 Cluster Analysis	HW 5
7	Ch.9 Canonical Correlation	
8	NO CLASS	Mid-term exam period
9	Ch.10 Structured Equation Models 1	
10	Ch.10 Structured Equation Models 2	
11	Ch.10 Structured Equation Models 3	HW 6
12	Ch.11 Analysis of Variance	
13	Ch.12 Discriminant Analysis	
14	Ch.13 Logit Choice Models	HW 7
15	TBA	
16	NO CLASS	Final exam period

Chapter 2 Vectors and Matrices

- Review of Basic Linear Algebra
- Read Chapter 2 (p.19 – p.36) in LCG

BB: Ch2 Vectors and Matrices_OCR.pdf

Next Class

- Read Chapter 4 (Principal Components Analysis) in LCG.