Notes e-book

Generic chapters

MST

TFIH chapters

F&MCR

Index (work in progress):

1. Introduction to PCA – generic (MANGLER: Videos and explanations)
2. Introduction to R – generic (MANGLER: speak Bodil)
   1. How to get started - understanding R
   2. How to import data
      1. Importing a csv file (MANGLER!!)
      2. Importing an Excel file/sheet (MANGLER: answers to questions)
      3. Looking at the imported elements
   3. How to save the data (MANGLER!!)
   4. How to export tables and plots (MANGLER!!)
3. Plotting data
4. Descriptive ????
5. CATA (Check-all-that-apply)
   1. CATA data – data tables (and plots/descriptive)
   2. Cochran’s Q test
   3. Post hoc test ???
   4. PCA on CATA data
6. Liking scores
   * 1. Mixed models: Simple and advanced (more variables)
     2. Post hoc test Tukey
7. CATA and liking scores
   1. PCA
8. Projective mapping
   1. PCA on projective mapping data
   2. (MFA on projective mapping data)
   3. (PLS maybe) nice to have
9. (2023: PLS on CATA and liking data)

TO DO LIST:

Bodil

* Write the introduction, describe the setup of the book
* Screen cast slide 4-5-6 in Bodils R intro presentation (overall/generic), insert in 01\_IntroChapters
* Include all slide from intro R pres to book
* Make headlines to fit data types (=courses), and not statistical methods
* Re-arrange the whole book to match the new structure
* Find suitable data set for PCA on survey data for TFIH (the existing one is on MST data)
* Check mixed models
* Write in missing codes – to match Bodil’s old E-learning, e.g. Tukey...
* Make screen casts of complicated codes section by section, this is a nice to have for the version for now, as it takes a long time

Morten

* Look through the new setup/structure and rearrange if necessary
* Code for exporting model output as an Excel table (make headline so it is easy to find)
* Code for exporting plots
* Smart tips and tricks section (all the short codes, you always forget), e.g. :
  + rm(list = ls())
  + str()
  + find more...

Bom

* Explain CATA PCA output in e.g. screen cast
* Explain projective mapping PCA output in e.g. screen cast
* Explain mixed models output in e.g. screen cast

Bodils egnes noter

Mixed models: Graphical user interface, text, application, Word

Description automatically generated

PCA on survey answers: 

CATA: Graphical user interface, text, application, email

Description automatically generated

Jeg mangler følgende i bogen:

* Mixed models på fx liking, hvor der ikke er gentagelse af dag, men fx smages 5 forskellige prøver per dag per forbruger. Kan være jeg bare skal skrive mere introtekst på til kapitel 7?
* PCA skal måske ligge som et separat punkt? Og ikke under CATA, for mig er det lidt rodet at der er tale om opdeling i både sensoriske metoder og statistiske metoder. Tænker statistikken er ”først”. Men hvis det giver mere mening for de studerende at det er opdelt per kursus, så kunne man evt. bare gentage info om fx PCA hvor det er relevant? Ellers et introkapitel hvor der står emner og så links til stat metoder som et overblik, og bogen så er er opdelt efter stat-metoder? Hvis det er CATA der er overskriften så skal vi også have en overskrift for ”Liking” mm.
* Med tiden skal PLS med
* Med tiden skal Introduction to R laves til Mortens format – med mindre der i FDA findes noget lignende

Intro til metode, opdeles i type af datasæt i overskrifter.

TFIH: CATA + Liking