

## Best Practices in Exploratory Factor Analysis: Web based resources

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### Chapter 2

NOTE: Table 2.4 used ML extraction, Table 2.5 used PAF extraction leading to the differences between tables.

#### Question 1:

- Engineering data:  
[https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/CH02\\_ex1\\_engdata.sav](https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/CH02_ex1_engdata.sav)
- SDQ data:  
[https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02\\_ex2\\_MarshSPQNELS\\_marsh.SAV](https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02_ex2_MarshSPQNELS_marsh.SAV)
- GDS data: [https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02\\_GDS\\_ex3.sav](https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02_GDS_ex3.sav)

SPSS and SAS scripts for MAP and parallel analysis:

- [https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02\\_ex1\\_map.sps](https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02_ex1_map.sps)
- [https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02\\_ex1\\_parallel.sps](https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02_ex1_parallel.sps)
- [https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02\\_ex2\\_map.sps](https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02_ex2_map.sps)
- [https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02\\_ex2\\_parallel.sps](https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02_ex2_parallel.sps)
- [https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02\\_ex3\\_map.sps](https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02_ex3_map.sps)
- [https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02\\_ex3\\_parallel.sps](https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/Ch02_ex3_parallel.sps)

#### Question 2:

- School Perceptions Questionnaire:  
<https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/SPQ.pdf>
- SPQ data set: <https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH02/SPQ.sav>

### Chapter 4

- SPQ data set: [https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch04/Ch04\\_SPQ.SAV](https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch04/Ch04_SPQ.SAV)

### Chapter 5

- Example 1 (engineering data) bootstrap macro:  
[https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch05/EFA\\_Bootstrap.sps](https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch05/EFA_Bootstrap.sps)
- Example 2 (Marsh SDQ) bootstrap macro:  
[https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch05/EFA\\_Bootstrap\\_marsh.sps](https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch05/EFA_Bootstrap_marsh.sps)
- Example 1 N=5000 bootstrap data set:  
[https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch05/ex1\\_engdata\\_bootstrap\\_N5000.sav](https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch05/ex1_engdata_bootstrap_N5000.sav)
- Example 2 SDQ bootstrap data set:  
[https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch05/ex2\\_marsh\\_bootstrap\\_smallsample\\_N300.sav](https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch05/ex2_marsh_bootstrap_smallsample_N300.sav)
- Example 2 (Marsh SDQ N=300) data set that was bootstrapped:  
[https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch05/Marsh\\_SDQ\\_N300.sav](https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch05/Marsh_SDQ_N300.sav)

## Chapter 8: higher order factors

- Syntax for second order factor analysis in SPSS:  
<https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH08/second%20order.sps>
- Engineering data set used in this chapter:  
[https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH08/engineering\\_ch08\\_data.sav](https://dl.dropboxusercontent.com/u/18489687/EFAbook/CH08/engineering_ch08_data.sav)

## Chapter 9 Alpha/Reliability

- Marsh small sample N=100 for bootstrapping:  
<https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch09/Marsh%20small%20N100.sav>
- Marsh larger sample N=500 for bootstrapping:  
<https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch09/Marsh%20small%20N500.sav>
- Bootstrapping alpha syntax  
<https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch09/Syntax1.sps>
- bootstrapping item total correlations syntax:  
[https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch09/alpha\\_Bootstrap\\_GDS\\_itemtotal.sps](https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch09/alpha_Bootstrap_GDS_itemtotal.sps)
- 5000 resamples of GDS item-total analyses for those cheaters who refuse to perform their own bootstrap resampling:  
[https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch09/GDS\\_itemtotal\\_bootstrap.sav](https://dl.dropboxusercontent.com/u/18489687/EFAbook/Ch09/GDS_itemtotal_bootstrap.sav)

### **For those of you who like working with R:**

Dr. Alexander Beaujean at Baylor wrote R code to replicate many of the analyses presented in the book. He has given me permission to share it:

[https://dl.dropboxusercontent.com/u/18489687/EFAbook/BestPracticesEFA\\_Rcode.pdf](https://dl.dropboxusercontent.com/u/18489687/EFAbook/BestPracticesEFA_Rcode.pdf)