

Task 10-1: Data validation



Start evaluating the data while the survey is still running:

- a) Get an overview of the data so far and export your preliminary survey data into a format you can import with R (e.g. as a CSV file). Make that file accessible (e.g. using something Dropbox-like, or your userpage¹), and put the link on your wiki-page.
- b) Validation: Check the data for errors with validity checks (e.g. number of items in questionnaire vs. number of columns in exported data, or number of respondents vs. number of answers per item) and at least random sampling of individual data points from the exported file (i.e. look at all responses of an individual subject: does the data make sense?). Put the ideas and results of your checks on your wiki-page.

In case of inconsistencies think about how to deal with it in the final analysis, discuss it in your survey group, and put your conclusions on the wiki-page.

Task 10-2: Survey evaluation, part 1



Prepare the analysis of your data (and please submit your results through the KVV):

- a) With the help of R, compile a textual and/or graphical overview of the demographic profile of your survey participants so far, as well as the distribution of the answers to each question.
Save the functions used; you will need them again for the final analysis!
- b) Think about how to approach the eventual data analysis, especially considering your hypotheses:
 - Which data is particularly interesting?
 - Which relationships would you like to analyze first?
 - How can you group the participants? Which questions should you study on the basis of this classification?
- c) Which data do you plan to visualize how (consider the possibilities of R)?

¹http://www.mi.fu-berlin.de/w/Tec/ItServicesPersoenliche_Webseiten