

Task 12-1: Survey evaluation, part 2

Note: There is no need to do a KVV submission for this task. Instead, its output will be helpful for Tasks **12-2** and **13-1**.

Now it is time to evaluate your survey and perform your analyses. In particular, complete the following tasks:

- a) Export your final survey data set in a format R can import and make it available on your wiki-page.
- b) Continue your considerations from task **10-2**: Analyze the correlations on the basis of the answers' distribution and the participants' classification.
- c) Visualize relevant distributions and correlations with the help of R. As always, save the R code you wrote for later use.
- d) In case your questionnaire contained open questions, you need to consider non-quantitative information in your analysis. Identify underlying concepts by grouping similar statements/quotes.

In addition, answer the following questions:

- e) Which are the most unambiguous statements that can be deduced as a result of analyzing the data?
- f) Which considerable deficits of your questionnaire have you noticed while analyzing the data?
- g) Where is it impossible to deduce clear statements although you expected to be able to do so?
- h) Which more specific analyses would you like to have made in case you had more knowledge of statistics?

Task 12-2: Presentation

- a) Prepare a short presentation for the format of 10+5, i.e. with a maximum duration of 10 minutes plus 5 minutes for questions and discussion. Rule of thumb: Do not prepare more than about 6-7 slides.

The presentation addresses insiders only, i.e. lecture's participants having prior knowledge about the project. It should be as short as possible and contain the following information:

- Topic, research question (aim of the survey), and hypotheses.
 - Just enough information about the survey's instrument (the questionnaire) to understand the results.
 - The most interesting specific results of the survey.
 - Interpretation of the results with regard to the hypotheses and research question.
 - A discussion of the threats to validity.
 - Which more specific analyses would you like to have made in case you had more knowledge of statistics?
- b) Attach the presentation to your wiki-page.
 - c) The **presentations will take place in the tutorial on 2017-07-10**. To minimize set-up time for each group, we will use the teaching assistant's laptop. Please email your slides to zieris@inf.fu-berlin.de by **08:00 am** that day (only Microsoft PowerPoint or PDF).