

Written Exam at the Department of Economics winter 2016-17

Science of Behavior Change

Final Exam

February 16, 2016

(2-hour closed book exam)

This exam question consists of 3 pages in total

NB: If you fall ill during the actual examination at Peter Bangsvej, you must contact an invigilator in order to be registered as having fallen ill. Then you submit a blank exam paper and leave the examination. When you arrive home, you must contact your GP and submit a medical report to the Faculty of Social Sciences no later than seven (7) days from the date of the exam.

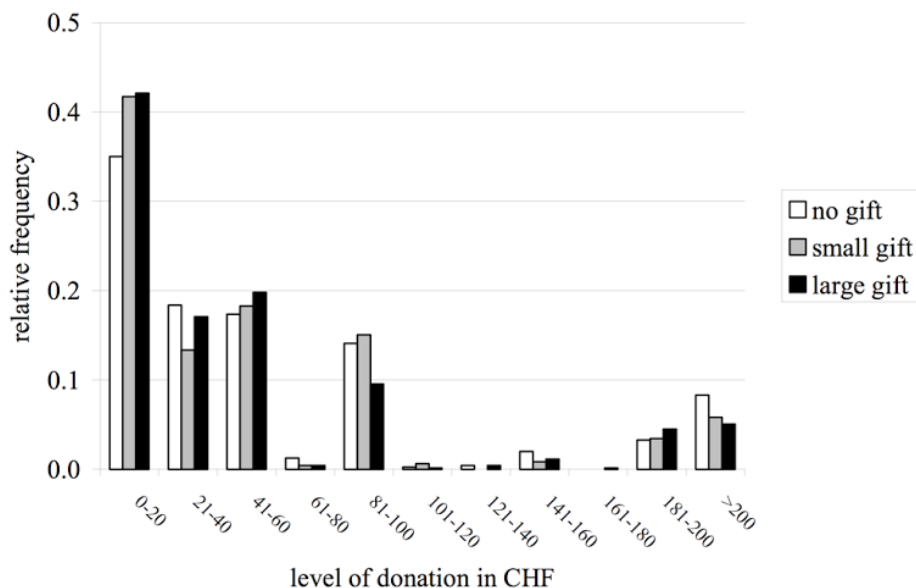
Question1:

- What is the goal of a randomized controlled trial (RCT)?
- In class we have seen seven “Quasi-Experimental Methods”. List all of them and provide a simple definition for each one.
- Summarize the case study “Get out the vote” we discussed in class: can we trust the positive and significant results of these non-randomized methods?

Question 2:

During the second part of the course (lecture 16) we have seen and discussed the paper “*Gift exchange in the field*” written by Falk. The following figure summarize one of the main results of this paper.

FIGURE 1: HISTOGRAMS OF DONATIONS FOR EACH TREATMENT



- Summarize the experiment.
- Explain the main result reported in this paper and discuss the figure above.
- Please comment on the importance of the gift and the message chosen and the possible long-run effect of similar interventions.

Question 3:

Design an intervention to reduce tax evasion.

Remember to use the scheme we have used in class:

- a) Brief description of context
- b) Behavior change desired
- c) Decision mapping (bottlenecks)
- d) Relevant phenomena, principles and concepts you use
- e) Description of the intervention
- f) Design, plan for data analysis and predictions