

# Term paper

Data Management Spring/Summer 2018  
OSIPP, Osaka University

## 1 Task

Write a term paper, which should involve the data analysis. You can pick a topic by yourself. You can use either your own data, or JICA's RCT data.

## 2 Instruction

- Writing language is English or Japanese.
- Programming language is Python or R.
- 3-5 pages (single-space) without including tables and figures.
- You should work alone. No group work is permitted.
- The content should include:
  - Title, affiliation, name, ID, and date
  - Abstract: A short summary of what you do in the paper in a few sentences
  - Introduction:
    - \* Explain why it is important and interesting to study the topic.
    - \* Explain briefly what you do and find in the paper.
    - \* Literature review (you should not put most of your time for this part as the main task is data analysis. Listing only a couple of most related papers is enough.)
  - Background (if necessary): Provide a brief background information of things that readers do not know but should know in order to understand your paper (again, you should not put most of your time for this part)
  - Data: Briefly describe your data (data sources, information on the sample, how you define variables (if you make any variable yourself), process of the experiment (if your data are experimental data), etc.) (again, you should not put most of your time for this part). Also, include summary statistics in this section.

- Main analysis
- Discussion (if necessary)
- Conclusion
- References

### **3 Grading**

- Grading of the term paper is based on the following points:
  - (1) Whether you correctly do the data analysis.
  - (2) Whether your results are replicable.
  - (3) Writing skills (whether readers can understand what you write, whether there is any typo, etc.)

### **4 Important notice**

- Plagiarism is an academic theft. Do not copy someone else's words, sentences, thoughts, ideas, or findings without referring to the original. If plagiarism is detected, you may lose all credits that you obtain during the term or semester.

### **5 Deadline**

- Submit your term paper (in PDF), and your code (which can be more than one script/notebook) and data (your data will only be used for replication) to produce tables and figures by August 9th, 2018.