Final Coursework
Introduction to Quantitative Research Methods (PUBLG100A/B)

- The exam will be posted on Moodle on 15 December 2017, and is due on 8 January 2018. Please follow all designated SPP submission guidelines for online submission as detailed on the PUBLG100A/B Moodle page. Late submission results in an automatic fail.
- This is an assessed piece of coursework (worth 75% of your final module mark) for the PUBLG100A/B module; collaboration and/or discussion of the exam with anyone is strictly prohibited. The rules for plagiarism apply and any cases of suspected plagiarism of published work or the work of classmates will be taken seriously.
- As this is an assessed piece of work, you may not email/ask the course tutors or teaching fellows questions about the exam.
- Along with the exam itself, the datasets for the exam can be found in the PUBLG100A/B Exam folder on Moodle.
- The exam consists of XXX sections; you must complete each part of each section to achieve the full amount of points.
- Where appropriate, answers should be written in complete sentences; no bulleting or outlining. Be sure to answer all parts of the questions posed and interpret the results.
- PLEASE SUBMIT YOUR TYPE-WRITTEN ANSWERS IN ONE DOCUMENT. CREATE AT THE END AN APPENDIX SECTION CONTAINING ALL R CODE NEEDED TO REPRODUCE YOUR RESPONSES (you do not need to include the code that failed to run, but just the cleaned-up version. Your code has to work when we run it). FAILURE TO INCLUDE THE R CODE MEANS THAT THE EXAM WILL BE MARKED INCOMPLETE (fail).
- You may assume the methods you have used (e.g. linear regression, logit, etc) are understood by the reader and do not need definitions, but you do need to say which techniques you have used and why.
- Round all numbers to two digits after the decimal point.
- Do not copy and paste *any* brute R output (e.g. `summary(lm(y ~x))`) into your answers. Create a minimally formatted table, e.g. with the `screenreg` command as seen in class. If that does not work, re-create by hand such a table. Make sure to always report number of observations and some measures of model quality as well as log-likelihood value (if applicable).
- Assign every table and figure a title and a number and refer to the number in the text when discussing a specific figure or table.
- All variable names in the exam are written in *italics*.

Democracy and Voting

Does voter turnout decline with democratic consolidation? Investigate this question using the techniques you have been taught in this course. Discuss your choice of variables when building a model. Be sure to interpret model output, and discuss model fit. Furthermore, discuss potential dangers to inference.

The data for this task comes from a recent article:
Kostelka, Filip, 2017, "Does Democratic Consolidation Lead to a Decline in Voter Turnout? Global Evidence Since 1939". American Political Science Review. Vol. 111(4), pp. 653-667.

Follow the link to this article and download the data yourself. You will need to go to Supplementary materials and then to download Kostelka Dataset. Use the dataset called "Kostelka_Dataset1_Established_Stata_v12.tab".
This is a tab delimited file which you can load in the following way:

```
a <- read.csv("Kostelka_Dataset1_Established_Stata_v12.tab", sep = "\t")
```

If you have questions about variables, refer to the *readme* file and the article.