Objective

The aim of this exercise is to perform a small quantitative economic (applied econometric) study, and to write-up and present the results. Teamwork and organization will be vital.

Deliverables

A (max. 5 page) LaTeX report, compiled into .pdf, and a (max. 20 minute) LaTeX Beamer .pdf presentation, due during the final session of the course. Together, these will be worth $\sim 38\%$ of the final grade. All members of each group will receive the same grade.

Structure

1. Form yourselves into small groups, where at least one member of the group has access to a laptop (more support will be provided for Windows platforms).

2. On your personal computer(s), install all of the software listed under "Freeware for applied work" on the class webpage, and check the documentation. You can find my webpage by "Googling" me, or simply by following this link [in the pdf handout].

3. Formulate an interesting question for study (validate this with me before you start work). It does **not** have to be airline or airport related. Use your imagination!

4. Collect appropriate (preferably cross-sectional) data from your own survey (questionnaire), or from the internet, or from another source. Please do not use a dataset

that you have previously analyzed in another course. Do not underestimate the time needed for this step (and keep it in mind when formulating your question). You may need to merge data from multiple sources.

5. Perform appropriate econometrics (using EViews) to give quantitative insight into your question.[1] Focus on sensitivity analysis and economic/statistical significance.

6. Write-up the results professionally, in English, in a max. 5 page report. You **must** use LaTeX for this, and no other word processing software will be accepted. Please do not include raw EViews regression output in the written report (use LaTeX tables). Refer to Jia and Pathak's (2010) paper for an ideal format. You may import, e.g., .jpg or .pdf figures into your report. Also prepare a presentation to be delivered during class (you **must** use LaTeX Beamer). Full LaTeX templates are provided.

Suggested structure of the report:

- Title, author details, acknowledgements, abstract ($\sim$ 100 words).

- Introduction, review of relevant literature, context, question of interest.

- Economic theory or intuition.

- Data description, including summary statistics.

- Econometric analysis, tables, and discussion of results.

- Concluding comments, future work. References.

7. Your report, slides, dataset, a very short description of the variables, and any EViews workfiles, must be emailed to me (all in ***one*** .zip file) after your presentation.

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[1] Please note that EViews is not freeware, but is available for use in the D2xx, Exx and Cxx computer rooms. The machines **reboot each evening** somewhen between 19:00 and 20:00, so save your work!