EPFL
ENAC TRANSP-OR
Prof. M. Bierlaire

Mathematical Modeling of Behavior
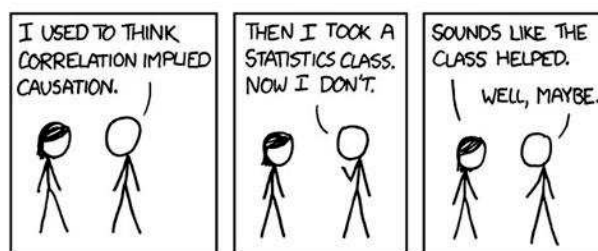Fall 2014

ASSIGNMENT FOR SESSION 6: FIRST PEER REVIEW SESSION

The objective of this session is to learn from each other and improve your understanding by examining your classmates' assignment on the same topic.

Your peer-review assignment:

Each group should prepare a short presentation (5-7 minutes **maximum**) in order to give feedback on another group's assignment. You will be provided with the report, model specification and results files. Along with your team members work on the evaluation of your fellow's group work, keeping in mind the goals for this assignment (Presentation 3, September 30). Consult the slides for specifying and evaluating models (Presentation 2, Sept. 23). It is not necessary to prepare a powerpoint –for example you could just use the output (HTML) file and add comments on it –*but* make sure to cover the following:

1. Are the main relevant variables (factors) tested? Are they verified according to our a-priori expectations?

2. Are enough variables investigated/ tested? Do they make sense (causality)?

3. Are the magnitudes and signs of the parameters intuitive?

4. What about the fit and the significance of the explanatory variables in the final model?

5. Are the tools for comparing models (e.g LRTest) used properly?

6. Are there any coding errors or other problems in the files?

NOTE: You should jointly work on the evaluation. Try to interpret the results, discuss and prepare your comments. During the session one student from each group will be randomly chosen to present the feedback. A small reward will be granted to the best reviewers.

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