

Syllabus for Topics in Experimental Economics: Replications

Classroom and Time: Friday 12:20-2:20pm, at Social Sciences 606 (社科 606 教室)

Class website: http://homepage.ntu.edu.tw/~josephw/replication_20S.htm

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Office Hours: Friday 2:20-3pm (after class) or by email appointment

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Office Hours: Monday 4:20-6:20pm or by email appointment

This is an English capstone course of experimental economics at the upper division and graduate level, focusing on replications. The purpose is to choose one particular experimental paper and replicate it. At the end of the course, you are expected to submit a replication report in groups of two. Specific course goals include:

1. **Present Contemporary Research**: Students are expected to develop the ability to read recent journal articles or working papers, evaluate their quality, present the paper they will replicate (in groups of two), and provide feedback for other groups.
2. **Design Replication Experiment**: Students are to design replication experiments (to be run online or at TASSEL, subject to funding), write up the pre-analysis plan and pre-register it online, say at [Open Science Framework](#). If the experiments will be run at TASSEL, students will have to be trained as experimenters to conduct it.
3. **Complete Replication Report**: After the experiment is carried out, students will write a replication report as the final project and peer review each other's report.

Recommended Reading: There is no set textbook, but here are some useful reading:

1. Gilad Feldman's replications website: <http://mgto.org/pre-registered-replications/>
2. Gentzkow and Shapiro (2014), "[Code and Data: A Practitioner's Guide](#)," *mimeo*.
3. Lin et al. (2018), "[General Economic Principles of Bargaining and Trade: Evidence From 2,000 Classroom Experiments](#)," *SSRN* working paper, 3250495.
4. Moffatt (2016), *Experimentics: Econometrics for Experimental Economics*, Palgrave.

Assignments:

1. Presentation (30%): Oral presentation and subsequent discussion of one paper.
2. Pre-analysis Plan (20%): Pre-registered by 4/17 (midterm week).
3. Feedback (30%): Give feedback to other presenters and peer review others' plans.
4. Final Report (20%): Final replication report due 6/12 (final week).

Note: Feedback should be uploaded to NTU COOL, so we can send them to the presenters. Consult the "[Oral Presentation Evaluation Criteria and Checklist](#)" for what forms a good presentation and specific areas you should give feedback. [關於 presentation 的一些想法](#) on Wei-jen Hsu's blog provides a step-by-step recipe for first-time presenters to follow (to prepare a 20-minute presentation in 20 hours).

Pre-requisites:

You need basic knowledge on experimental economics, such as those learned from Experimental Economics I: Behavioral Game Theory. If you have not taken that course, you will have to either take it concurrently, or pick things up yourself by watching NTU OCW or reading Camerer (2003), “Behavioral Game Theory,” Princeton University Press.

Course Outline:

1. [2/21] Evidence of General Economic Principles of Bargaining and Trade (Lin et al.)
 - [2/28] Holiday (Learn “How to Write a Pre-analysis Plan” from Feldman’s website)
2. [3/ 6] Student Presentation 1 (group meeting on pre-analysis plan with instructors)
3. [3/13] Student Presentation 2 (group meeting on pre-analysis plan with instructors)
4. [3/20] Student Presentation 3 (group meeting on pre-analysis plan with instructors)
5. [3/27] Student Presentation 4 (group meeting on pre-analysis plan with instructors)
 - [4/ 3] Spring Break (Review “Experimetrics”)
6. [4/10] Pre-analysis Plan Peer Review
 - [4/17] Pre-register Pre-analysis Plan (midterm week)
7. [4/24] Experimenter Training
8. [5/ 1] Conduct Replication Experiment
9. [5/ 8] Conduct Replication Experiment
10. [5/15] Replication Report Presentation 1 (group meeting on results with instructors)
11. [5/22] Replication Report Presentation 2 (group meeting on results with instructors)
12. [5/29] Replication Report Presentation 3 (group meeting on results with instructors)
13. [6/ 5] Replication Report Presentation 4 (group meeting on results with instructors)
 - [6/12] Final Report Due