

Intensive Course on Introduction to Lab Methods and z-Tree Programming Istanbul Bilgi University

Instructor:

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Course Schedule:

December 19, Monday 09:00 - 12:00, Santral Campus, L1 - Common Room

December 20, Tuesday 09:00 - 12:00, Santral Campus, L1 - Common Room

December 21, Wednesday 09:00 - 12:00, Dolapdere Campus, BELIS, Room 312

Prerequisites & Course Materials:

No specific knowledge of programming is required and there will be no textbook. However you can consult the slides and the practical resources listed below:

- Handouts¹: www.aliseyhunsaral.com.tr/courses.php
- z-Tree Manual: <http://www.ztree.uzh.ch/static/doc/manual.pdf>
- ORSEE3 Wiki: <http://www.orsee.org/wiki/doku.php>

Moreover, for those who are interested in methodological issues, additional readings are listed on the following page.

Program:*Session 1*

- Experimental Methodology in a Nutshell: Causality, Hypothesis Testing, Experimental Design, Internal & External Validity, Incentives, Subjects, Instructions, Equipment and Environment
- z-Tree Programming Part I: Overview, Structure of z-Tree, Installation, Environments, Basic Operations & Parameters & Variables, Screen Layout, Example I: Public Goods Game

Session 2

- Recruitment Systems: Introduction to ORSEE
- z-Tree Programming Part II: Conditional Execution, Loops, Timers, Text Formatting, Example II: Ultimatum Game

Session 3

- Setting up z-Tree in a lab
- Conducting an experimental session in lab: Getting prepared for the session, Procedures to use the lab, Crash handling, Logging sessions to ORSEE
- z-Tree Programming Part III: Graphical Interface, Ranking, Custom Matching, Example III: Assignment
- (Conditional) Importing data to R

¹Handouts will be available on the website after each session

Additional Readings:

- Abeler, J., & Nosenzo, D. (2015). Self-selection into laboratory experiments: pro-social motives versus monetary incentives. *Experimental Economics*, 18(2), 195-214.
- Bigoni, M., & Dragone, D. (2012). Effective and efficient experimental instructions. *Economics Letters*, 117(2), 460-463.
- Binmore, K. (1999). Why experiment in economics?. *The Economic Journal*, 109(453), 16-24.
- Exadaktylos, F., Espin, A. M., & Branas-Garza, P. (2013). Experimental subjects are not different. *Scientific reports*, 3.
- Friedman, D., & Sunder, S. (1994). *Experimental methods: A primer for economists*. Cambridge university press.
- Guala, F. (2005). *The methodology of experimental economics*. Cambridge University Press.
- Roth, A. E. (2005). *Laboratory experimentation in economics: Six points of view*. Cambridge University Press.
- Smith, V. L. (1976). Experimental Economics : Induced Value Theory. *The American Economic Review*, 66(2), 274-279.