Homework Assignments

- Why do we need hypotheses? What does falsifiability mean?

- Research other kinds of validity

- Design an experiment for a self-selected research question

  - Define hypotheses

  - Operationalize variables

  - Identify the most important confounding parameters (at least 5) and select suitable control techniques

  - (You do not need to think about statistical tests yet)

  - Examples of research questions:

    - Program in Java can be easier debugged

    - Learning to program is easiest with Haskell

    - Novice programmers should start with object orientation