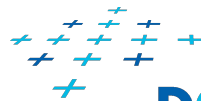


# Empirical studies

## Practice

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**DCGI**

<https://cw.fel.cvut.cz/wiki/courses/b4m36san/start>

**Read the instructions**

## After the experiment

- Transcribe the data into a spreadsheet
  - **<https://bit.ly/2QyiUkK>**
- You will need the worksheet data for the next week!

Do the experiment (in pairs)

# Instructions for the 1. part of the homework

Based on the experiment conducted at the practice create a description of the experiment. The report should contain:

- Research questions (+ null hypothesis)
  - you can define more than one research questions
- Independent and dependent variables
  - think also of other variables than those needed for measuring speed (NOTICE: A relevant research question must be defined for them)
  - what can be the other variables (control, random, confound)
  - how the values will be measured
- Participants
  - what population does it (should it) represent
  - what should you be aware of during recruitment
- Counterbalancing (within vs between subject setup)
- Procedure and tasks
- Classify the validity of the experiment

**Method "A"**

Q	F	U	M	C	K	Z
space		O	T	H	space	
B	S	R	E	A	W	X
space		I	N	D	space	
J	P	V	G	L	Y	

**Method "B"**

Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	
Z	X	C	V	B	N	M			
space									

NOTE: The data collected and their analysis **IS NOT** a subject of this part of the report (will be analyzed in the second part).