

# Unconscious EC RRR

## Software requirements

1. Download and install PsychoPy version 3.0 on all computers that will be used for data collection.
  - <https://github.com/psychopy/psychopy/releases/>
2. Optional: If you would like to prevent your research assistants from being able to make accidental changes to the experiment's python script while they are collecting data, set the coder to "read only" on computers that will be used for data collection. This can be done as follows:
  1. Inside psychopy, click file>open>experiment.py
  2. Click settings - ie the icon with the wrench and screwdriver across one another.
  3. Click the "coder" tab.
  4. Check the box next to "read-only".

You can contact Ian (ian.hussey@ugent.be) if you have issues specifically with the experiment scripts. However, I won't be able to take questions about issues with psychopy more generally (eg its installation). For these, please contact your department's technical staff or the psychopy forums.

## Materials

You have been sent a copy of the measures that:

1. Uses your localised stimuli and instructions files.
2. Contains a unique set of randomised trials files (that is, randomisation of the trials is done ahead of time rather than for each participant at runtime).
3. Contains customised data collection site file, which encodes information about the data collection site into the data files.

## Data collection

1. For each experimental session, inside PsychoPy, click File>Open>experiment.py.
2. Click the green button to run the study.
3. Enter sequential participant number, age, and gender in the pop up box, and click the button to start.
  - For gender: enter one of the following options: m/f/o (lower case, o –is for others).
  - Participants should be numbered from 1 to 150 (or less).
  - Notice - to test the study, please use participant-number lower than 250 (if you will use a number higher than 250 - the experiment will not work).
  - Note that duplicate participants will likely require both duplicates to be excluded from the analysis, so please ensure that participant code assignment is correct, and avoid using the same id for different sessions (even in cases of incomplete sessions).

NB before you start to collect data, please test that the study works on your computers. To verify that the proportions of the stimuli look good, please send to Tal ([tmo286@gmail.com](mailto:tmo286@gmail.com)) a screenshot of one of the CS-US trials (those are always on the 11, 21, 31, 41, 51, 61, 71, and 81 trials in each block).

NB please collect data for circa 5 participants and then send their csv files to Ian, Tal and Sean so they can check that all is well before you move on to full data collection.

## Return files

All data processing and analysis will be done centrally by the organisers. When you have finished data collection using the predetermined sample size, please zip and send all the csv files in the data folder to all of Ian ([ian.hussey@ugent.be](mailto:ian.hussey@ugent.be)), Sean ([sean.hughes@ugent.be](mailto:sean.hughes@ugent.be)) and Tal ([tmo286@gmail.com](mailto:tmo286@gmail.com)).