# Peripheral perception of fearful objects

An experiment by Joseph Given under supervision of Professor Fredrik Ähs, Mid Sweden University Department of Psychology and Social Work within the scope of the Master Course "Emotional Psychology". Contact: Joseph Given jogi1800@student.miun.se

https://www.miun.se/en/meet-mid-sweden-university/Organisation/departments/department-of-psychology-and-social-work/

Dear Participant,

Thank you for agreeing to take part in this experiment, which is part of a final project for Master Study in the course MSc Emotional Psychology at Mid-Sweden University www.miun.se.
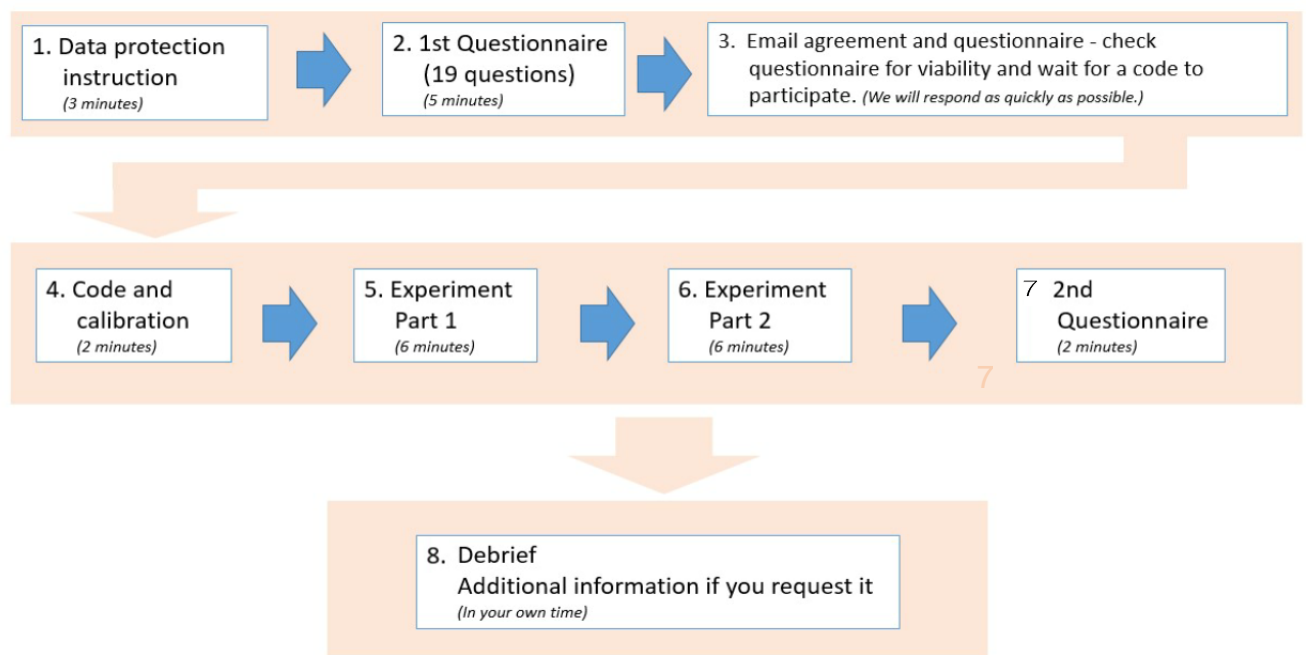
This document provides brief information about the experiment.

## Starting the Experiment

If you click on the SpiderExperimentVxxRxx.exe file, the program will start without installing. You will therefore not have to uninstall anything from your system afterwards. Please read the data protection declaration and do the questionnaire.

The data protection agreement and your questionnaire data will be compiled to an email that you then send to us via an *.htm form. Once we have checked the data you send for viability, you will be contacted with a code for participation (takes 1 - 24 hours).

## PROCEDURAL SUMMARY AND TIME



1. Data protection instruction *(3 minutes)*
2. 1st Questionnaire (19 questions) *(5 minutes)*
3. Email agreement and questionnaire - check questionnaire for viability and wait for a code to participate. *(We will respond as quickly as possible.)*
4. Code and calibration *(2 minutes)*
5. Experiment Part 1 *(6 minutes)*
6. Experiment Part 2 *(6 minutes)*
7. 2nd Questionnaire *(2 minutes)*
8. Debrief Additional information if you request it *(In your own time)*

# The Experiment

During the experiment, participants' visual reactions to pictures will be tested while they perform simple tasks. There are two tasks.

- The Hard Task, involving numbers (and pictures)
- The Easy Task, involving letters (and pictures)

Both tasks will be accompanied by "emotional stimuli" (images of spiders and mushrooms) which are presented in the visual periphery. You are requested to perform the given task without looking at the emotional stimuli.

The runtime of the actual experiment is only 12 minutes. The whole thing should not take more than 25 minutes of your time.

# Data

After the experiment, the following data is to be sent to *jogi1800@student.miun.se*:

### Experimental Data

The data for the tasks will be logged to the following files in the folder SpiderExperimentV05R02_Data/FinalLog/.

| | |
|---|---|
| *TrialSessions3und4.txt* | *ExpSession1.txt* |
| *ExpSession2.txt* | *ExpSession4.txt* |
| *ExpSession3.txt* | *TrialSessions1und2.txt* |

### Final Questionnaire

The final questionnaire will be produced automatically in a htm file by the program. You will be directed to it. It contains only 8 questions.

# Debrief and Further information

A debrief file will be created automatically after you have completed the experiment. This file can be found here.

SpiderExperimentV05R02_Data/Debrief/Debrief.txt

Besides the information given to you during the experiment and in the debrief, you can also request more information directly from the student researcher after the experiment.

If you have further questions or wish to offer feedback, please do not hesitate to contact the student researcher (Joseph Given) at jogi1800@student.MIUN.se, also if there is something you do not understand.

# Data Processing Information, Data Protection and Right to Withdraw

All questionnaire and experimental data you send will be anonymised and/or encrypted as necessary. The questionnaire data you send will be relayed through the student researcher's own website, which is run and programmed solely by the student researcher and not by any third parties (except the web space and domain provider - gmx.de). The website does not store any data you send, but simply relays through a php file directly to the student researcher per email for analysis.

Of course, no form of data transmission in the internet is entirely secure, but the student researcher has taken every endeavour at his disposal to ascertain the security and anonymity of your data.

This will be explained in full during the initial stages of the experiment.

Most importantly,

- No data will be sent unless you personally send it by clicking the button.
- You can withdraw from the experiment at any time and request the deletion of your data (including emails) without requiring to give any reason. Your request will be heeded as timely as possible. The student researcher will confirm the deletion of your data on request.
- Any publications that result from this research will not render individual participants recognisable.

Thank you again

Joseph Given