A brief overview of the research project

Dr. Margriet Groen

Overview

- What will you be expected to do
- How will it be assessed

You will become a researcher

- Describe the research proces, from concept design to post-publication
- Use specialist software to build relevant tools (e.g., questionnaires) for data collection.
- Report data in text, tables and visualisations, following relevant conventions and good practice.
- Identify statistical tests that are appropriate for a given design.
- Perform statistical analyses using a statistical software package, interpret the output and report the results following relevant conventions and good practice.
- Explain open science practices.
- Apply evidence-based reasoning and critically engage with empirical research.
- Participate in research both as **a researcher** and a research study participant.

Topic

Each group will investigate the following question: *Is mind wandering related to screen time?*

Each group will refine this research question and decide:

- What aspect of mind wandering to focus on and how to measure it
- What aspect of screen time to focus on and how to measure it

Measures:

- Choose from a selection of validated questionnaires
- Or propose a validated questionnaire
- All groups will collect some demographic data to describe the sample

Each group will then:

- Pre-register their hypothesis
- Build the study on Gorilla
- Work together to collect the data (aiming to collect responses from 50 participants)

Timeline

Week	Who	What
4	Group	Plan, read, refine research question
5	Group	Decide on methods and pre-register hypothesis
6	Group	Implement study on Gorilla
7	Group	Collect data
8	Individual	Analyse results
9	Individual	Finish writing the report
10	Individual	Submit research report

How will you be assessed?

Term	Module	Exam	**Research report**	Research participation
1	PSYC4141	50%	**35%**	15%
2	PSYC4242	50%	35%	15%
1	PSYC5141	60%	40%	
2	PSYC5242	60%	40%	
1 and 2	PSYC6041	dissertation		

Who can participate in your study?

Adolescents and adults over the age of 16 years, who do not have any vulnerabilities and are capable of providing consent themselves.

This week

This week, you need to:

1. Register your group or register to be allocated

   IMPORTANT: Your group needs to consist of students in your timetabled lab session
2. Read about mind wandering and screen time
3. Start discussing and refining the research question with your group

Help

- I don’t know anybody to get into a group with?
- How do we decide what to focus on?
  - What aspect of screen time are you interested in?
  - What aspect of mind wandering are you interested in?
- How do we decide how to measure it?
  - It has to be a questionnaire or a question that you can ask participants through a questionnaire study.
  - It has to be a validated measure.
  - See suggested readings