### Impression Formation and Change via Online Content

#### **GDPR Record**

#### **Admin details**

**Project Name** Impression Formation and Change via Online Content - GDPR Record

**Principal Investigator / Researcher** Sean Joseph Hughes **Institution** Ghent University

### Collection and processing of personal data

- 1. Are you collecting or processing personal data?
  - Yes

We will collect personal data.

Studies 1, 2, 3, 4, 7:

- Prolific ID
- Demographic information (age, gender)

#### Studies 5-6:

- Prolific ID
- Demographic information (age, gender, educational level, income, religious affiliation, political orientation, nationality, employment status)
- Individual differences (cognitive ability, thinking style, over-claiming, belief in conspiracy theories, actively open-minded thinking about evidence, news evaluation task)

### 2. In what format are you collecting or processing the personal data?

- Digital
- 3. Are you collecting or processing primary personal data and/or secondary personal data?
  - Primary personal data
- 4. If you are processing secondary personal data, will you inform the persons whose personal data are being processed or have they already been informed?
  - No
    - Not applicable.
- 5. If no, explain why it is impossible or why it would take a disproportionate effort to inform the persons whose personal data

#### are being processed.

- Not applicable.

#### 6. How will the personal data be processed?

- Anonymised (explain below)
- Prolific-IDs will be registered during the study but will be removed from the dataset during processing, and will not be retained or shared thereafter.

# 7. If you are going to process personal data in a pseudonymised form, describe the method of pseudonymisation, where you will keep the key, and who has access to it.

- Not applicable.

# Categories of personal data & data subjects 8. Are you collecting/processing any of the following special categories of data?

- Data revealing racial or ethnic origin, political opinions, religious or philosophical beliefs, or trade union memberships
- Personal characteristics (age, gender, educational level, income, religious affiliation, political orientation, location of residence, employment status, political orientation, religious affiliation)
- Individual difference measures (cognitive ability, thinking style, overclaiming, belief in conspiracy theories, actively open-minded thinking about evidence, news evaluation task)

# 9. Which other categories of personal data are you collecting/processing?

- Personal characteristics (age, gender, date of birth, marital status, nationality...)
- Psychological details (personality, character...)
- Other (please specify below)
- Personal characteristics (age, gender, educational level, income, religious affiliation, political orientation, location of residence, employment status, political orientation, religious affiliation)
- Individual difference measures (cognitive ability, thinking style, overclaiming, belief in conspiracy theories, actively open-minded thinking about evidence, news evaluation task)

#### 10. Whose personal data are you collecting/processing?

- Others (please specify below)
- All participants will be over the age of 18 and be of sound body and mind.

- 11. Will your research be seriously hampered if the persons whose personal data are being collected/processed exercise their right to access, to rectification, to restriction of processing, to be forgotten, to data portability and/or to object?
  - No
- 12. If yes, please justify the need to deviate from one or more of the rights mentioned in question 11. A justification is required for each deviation.
  - Not applicable.

### Purpose(s) of the processing

- 13. What is/are the purpose(s) of the personal data processing?
- Personal data from demographic and individual difference factors will be processed in psychological research.
- 14. What is the legal ground for the processing? If the data are being processed for multiple purposes, you must describe the legal ground for each purpose.
  - The individuals participating in the research have freely given their explicit consent for the processing of their personal data for one or more specific purposes.
- 15. If you are processing special categories of personal data (see question 8), on which exception is this based?
  - The data subject has given his or her explicit consent.

### **GDPR** responsibility

- 16. Which institution(s) is/are involved in the research?
  - Ghent University
- 17. Is there another university, hospital, research institute or partner involved in the research (besides Ghent University and/or Ghent University Hospital)?
  - Yes
  - Yes. Partners from: Interdisciplinary Center, Herzliya, Israel.

Department of Psychology, Yale University, USA. Department of Computer Science, Stanford University, USA. Fermi National Accelerator Laboratory (Fermilab), USA. Rudolf Peierls Centre for Theoretical Physics, Oxford University, UK.

18. Please specify who determines the purposes ('why') and the means ('how') of the research.

- This is determined within Ghent University: UGent is the data controller.
- This is determined within Ghent University: UGent is the data controller. Purpose and means of the research is determined within Ghent University. The other partners will only be involved in conceptualization of studies and writing of the manuscript.

### **Data transfers & categories of recipients**

- 19. Are you disclosing/sharing/transferring personal data beyond your project team, either with recipients in UGent or UZ Gent, or with external recipients during or after your research?
  - Yes

All data will be shared in a data repository (https://osf.io/) for other researchers to make use. Participants will be informed about our data management plan before the start of the study.

# 20. If yes, to or with which categories of recipients are the personal data being disclosed/shared/transferred?

• Others (please specify below)

The data will be shared on the open science framework (https://osf.io/) to contribute to open science.

## 21. If yes, where are the personal data being disclosed/shared/transferred to?

 An international organisation (please specify below, including the location of the organisation)

The open science framework (https://osf.io/)

### 22. What is/are the purpose(s) of the data transfer?

Contribute to open, transparent scientific practice.

# 23. What is the legal ground for the data transfer? If there will be multiple data transfers, you need to indicate the legal ground for each data transfer.

- The individuals participating in the research have freely given their explicit consent for the transfer of their personal data for one or more specific purposes.
- The individuals participating in the research have freely given their explicit consent for the transfer of their personal data for one or more specific purposes. Participants will be informed about our data management plan before the start of the study.

#### **Retention period**

## 24. What is the envisaged retention period for the different categories of personal data? Please motivate.

Anonymized data from the main study will be retained. The data will be maintained on an external hard drive, the Open Science Framework and the Liplab shared server. They will be properly endorsed and made freely available before the researcher leaves the university.

#### Risk analysis

## 25. To analyse the possible risks associated with the processing of personal data, please tick the boxes that apply to this research.

- Special categories of personal data are processed in this research (see question 8).
- Aspects concerning the data subject's performance at work, economic situation, health, personal preferences or interests, reliability or behavior, location or movements are evaluated or scored, profiled or predicted.
- Personal characteristics (age, gender, educational level, income, religious affiliation, political orientation, location of residence, employment status, political orientation, religious affiliation)
- Individual difference measures (cognitive ability, thinking style, overclaiming, belief in conspiracy theories, actively open-minded thinking about evidence, news evaluation task)

## 26. Does the research constitute a probable high-risk processing? If you ticked two or more boxes in question 25, the answer is 'yes'.

No

### **Security measures**

# 27. What technical and organisational security measures are in place to protect personal data?

- I hereby confirm that I carry out my research in accordance with the guidelines on information security of UGent and/or UZ Gent.
- 28. If you have motivated the need to deviate from one or more of the rights of the persons whose personal data you are collecting/processing in question 11 and 12, please describe which safeguards are put in place to protect their rights and freedoms. Not applicable.