ProlificID Please enter your Prolific ID:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

End of Block: Info/Consent

Start of Block: Participant identity

Con1\_Info

We are interested in how political orientation affects our ability to perceive and interpret the emotional states of others. One of the central political issues in the UK at the moment is the issue of Brexit. This research is designed to compare Leave supporters (people who would prefer the UK to leave the EU) and Remain supporters (people who would prefer the UK to remain in the EU) on their ability to interpret the emotional state of others. In this phase we are focussing on Remain supporters.

In this study, you will watch a short video of a group of people watching a presentation. We will then ask you to make a number of judgements about the emotional state of the people in the video.

|  |  |
| --- | --- |
| Page Break |  |

|  |
| --- |
|  |

Remain\_Confirm Please confirm which group you belong to?

* **REMAIN SUPPORTER** (2)
* **LEAVE SUPPORTER** (3)

End of Block: Participant identity

Start of Block: ID (pre-vid)

|  |  |
| --- | --- |
| Page Break |  |

Con1Info2
 This part of the questionnaire is to assess how strongly you identify as **a Remain supporter**

3Diff Describe 3 ways in which Remain supporters are different from Leave supporters

* 1 (1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* 2 (2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* 3 (3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3RV Describe 3 reasons why you voted to Remain

* 1 (1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* 2 (2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* 3 (3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
|  |

ID1 'I feel strong ties to other Remain supporters'

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

ID2 'Overall, being a Remain supporter is an important part of my self-image'

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

ID3 'I identity with the group of Remain supporters'

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

ID4 'Being a Remain supporter is important to me'

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Pre\_Slpnss Which of the following statements best describes your current state of alertness?

* Feeling active, vital, alert or wide awake (1)
* Functioning at high levels, but not at peak; able to concentrate (2)
* Awake, but relaxed; responsive but not fully alert (3)
* Somewhat foggy, let down (4)
* Foggy; losing interest in remaining awake; slowed down (5)
* Sleepy, woozy, fighting sleep; prefer to lie down (6)
* No longer fighting sleep, sleep onset soon; having dream-like thoughts (7)

|  |  |
| --- | --- |
| Page Break |  |

End of Block: ID (pre-vid)

Start of Block: Pre\_Vid Instructions

Q2 **Important information!**

 You will now watch a short video (approximately 2 minutes) of a group of people watching television. The presentation of the videos is randomised and may include people identified as having either similar, or different, views to you regarding Brexit, or with no identifying information at all.

 ***Please devote all your attention to video***. Once it is finished you will be asked questions about the people you have seen. You will only be able to make meaningful answers if you have been watching carefully.

|  |  |
| --- | --- |
| Page Break |  |

Q3 While you are watching the video we will record you using your webcam to check that you are giving the video you full attention. **Please read the instructions below carefully.**
   When the video finishes your webcam will automatically stop recording. Please angle your webcam so that it records as much of you as possible (your head, torso, arms etc.). If we can't see you in your webcam recording then we can't award participation credit. Please make sure that nobody else is behind you who might be recorded by your webcam during the next 2 minutes. Please do not pause the video or turn off your web browser unless you want to withdraw from the study. The video does not have any sound, but please turn off any distracting sounds (e.g. music/television) so that you can fully concentrate on the video.

Q4 On the next page, your computer may ask you for access to your camera and microphone. Please click on "Allow", and then click on “Record” to begin watching the video and recording your webcam (see example below). Sometimes this can take a few seconds to load so please be patient.

End of Block: Pre\_Vid Instructions

Start of Block: Disagree with consent message

Display This Question:

If By ticking the first option below, you consent to participate in the study on the basis that:   Y... = <strong>No, I do not wish to proceed (Will exit survey).</strong>

Q92 Click to write the question text

End of Block: Disagree with consent message

**Final [2 of 2] Political orientation and ability to read emotion**

**Start of Block: Post-vid items**

|  |  |
| --- | --- |
| Page Break |  |

Vid\_End
**The video has now finished and your webcam has now stopped recording**

WebC\_Others Was anyone other than yourself recorded by your webcam during the video?

* No (1)
* Yes (2)

Info Please answer the following questions. Note that some of the questions refer to you, and some of them refer to the people in the video.

|  |
| --- |
|  |

Shrd\_ID1 I shared an identity with the people in the video.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Shrd\_ID2 I think of myself and the people in the video as part of a single group.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Shrd\_ID3 I think of myself and the people in the video as part of one large family.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Shrd\_ID4 I have a sense of "we-ness" with the people in the video.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Shrd\_ID5 Besides the differences I have with the people in the video, we share the same identity.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Shrd\_ID6 I have a feeling of unity with the people in the video.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Sel\_Rel The people in the video were relevant to me.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |  |
| --- | --- |
| Page Break |  |

|  |
| --- |
|  |

Pt\_Itch As I watched the video I felt itchy.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

Act\_ScrNu Approximately how many times did the people in the video scratch?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
|  |

Act\_Tir The people in the video felt tired.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

Act\_YawNu Approximately how many times did the people in the video yawn?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
|  |

Act\_Itch The people in the video felt upset.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Act\_Amu The people in the video felt amused.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

Act\_LauNu Approximately how many times did the people in the video laugh?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| Page Break |  |

|  |
| --- |
|  |

Pt\_Tir As I watched the video I felt tired.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Act\_Int) The people in the video found the television program interesting.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

Pt\_YawNu Approximately how many times did you yawn when you watched the video?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
|  |

YawnUrg I had an urge to yawn when watching the video

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Post\_Slpnss Which of the following statements best describes your current state of alertness?

* Feeling active, vital, alert, or wide awake (1)
* Functioning at high levels, but not at peak; able to concentrate (2)
* Awake, but relaxed; responsive but not fully alert (3)
* Somewhat foggy, let down (4)
* Foggy; losing interest in remaining awake; slowed down (5)
* Sleepy, woozy, fighting sleep; prefer to lie down (6)
* No longer fighting sleep, sleep onset soon; having dream-like thoughts (7)

|  |
| --- |
|  |

Act\_Bor The people in the video found the television program boring.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

Pt\_ScrNu Approximately how many times did you scratch when you watched the video?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
|  |

Act\_Funn The people in the video found the television program funny.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Ywn\_Resist I deliberately resisted yawning while watching the video.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Act\_Sad The people in the video found the television program sad.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Pt\_Amu As I watched the video I felt amused.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Laugh\_Resist I deliberately resisted laughing while watching the video.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Pt\_Boring I found the video boring.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Embarr The behaviour of the people in the video made me feel embarrassed.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

Act\_LauNu Approximately how many times did you laugh when you watched the video?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
|  |

Pleas The people in the video were pleasant.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Irrit The people in the video were irritating.

* Strongly disagree (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Strongly agree (7)
* Prefer not to answer (999)

|  |
| --- |
|  |

Act\_Age Please estimate the approximate age of most of the people in the video.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
|  |

Anxiety Please select the number that indicates how anxious you felt when watching the video.

 1 = you did not feel anxious at all; 5 = you felt the most anxious you could possibly imagine; 3 = you felt moderately anxious.

* 1 - Not at all anxious (1)
* 2 - A little anxious (2)
* 3 - Moderately anxious (3)
* 4 - Very anxious (4)
* 5 - Extremely anxious (5)
* Prefer not to answer (999)

|  |  |
| --- | --- |
| Page Break |  |

Emo\_Qs How much do you agree with the following statements?

|  |
| --- |
|  |

EmoC1 If someone I'm talking to begins to cry, I get teary-eyed.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC2 Being with a happy person picks me up when I'm feeling down.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC3 When someone smiles warmly at me, I smile back and feel warm inside.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC4 I get filled with sorrow when people talk about the death of their loved ones.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC5 I clench my jaws and my shoulders get tight when I see angry faces on the news.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC6 When I look into the eyes of the one I love, my mind is filled with thoughts of romance.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC7 It irritates me to be around angry people.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC8 Watching the fearful faces of victims on the news makes me try to imagine how they might be feeling.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC9 I melt when the one I love holds me close.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC10 I tense when overhearing an angry quarrel.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC11 Being around happy people fills my mind with happy thoughts.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC12 I sense my body responding when the one I love touches me.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC13 I notice myself getting tense when I'm around people who are stressed out.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC14 I cry at sad movies.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |
| --- |
|  |

EmoC15 Listening to the shrill screams of a terrified child in a dentist's waiting room makes me nervous.

* Never (1)
* Rarely (2)
* Often (3)
* Always (4)
* Prefer not to answer (999)

|  |  |
| --- | --- |
| Page Break |  |

|  |
| --- |
|  |

RomTem How would you describe the room temperature where you are now?

* Very Cold (1)
* (2)
* (3)
* (4)
* (5)
* (6)
* Very Hot (7)
* Prefer not to answer (999)

Ywn\_PostVid Approximately how many times have you yawned while completing this survey (after the video ended)?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
|  |

CompChe The people you watched in the video were...

* Remain supporters (1)
* Leave supporters (2)
* I was not given this information (999)

|  |
| --- |
|  |

Gender\_Pt How would you describe your gender?

* Male (1)
* Female (2)
* Transgender (3)
* Not listed (please describe) (4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Prefer not to answer (999)

Age\_Pt What age are you? (leave blank if prefer not to answer)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
|  |

Time\_24Hr What time is it where you are to the nearest hour?

 (Please use a 24 clock e.g. if the time is 1:16pm then please enter "13")

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Comm If you have any comments about this study, or had any technical issues (e.g. whether the video/webcam worked correctly), please leave these below so that we can improve the experience for future participants:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| Page Break |  |

Q145
**The study has now finished - thank you for taking part!**

 **IMPORTANT - After reading the explanation of the study below, please click the arrow to advance to the next page in order to receive your Prolific payment.**
 Nature of Project
 This research project was conducted to investigate how behaviours spread between people. For this study we were interested in yawning, although we didn’t tell you this at the start of the study so that you weren’t self-conscious about yawning.

 You watched one of several different versions of the video. In some videos, the people in the video were presented as Remain supporters. In others, they were presented as Leave supporters. In others still, no information was provided regarding the Brexit position of the people in the video. In some variations of the video, several of the people in the video yawned while in others, no-one yawned.

We expect that when participants see someone yawning, and they share a social identity with the people who are yawning (in this case, they share the same position on Brexit), they will feel sleepier, are more likely to yawn, and yawn more often. We video recorded your webcam to see whether watching the video made you yawn and how often. This is part of a series of studies that will examine when and how behaviours spread and how much social identity affects this.

More information is available at our project website - http://www.sussex.ac.uk/beyondcontagion/

 Storage of Data
 Your data (webcam recording and survey responses) will now be securely stored for an indefinite period of time at the University of St Andrews. At the end of the project (May 2019) your de-identified survey data (not your webcam recording) will be archived with the UK Data Service. Your webcam recording will not be archived in this way, although if our research is published in an academic journal it may be made available to other researchers. Your data may therefore be used for future scholarly purposes without further contact or permission.

 What should I do if I have concerns about this study?
 A full outline of the procedures governed by the University Teaching and Research Ethical Committee are outline on their website –
 http://www.st-andrews.ac.uk/utrec/guidelinespolicies/complaints/

 Researchers Names
 Kate Arnold, ka11@st-andrews.ac.uk; Fergus Neville, fgn@st-and.ac.uk; Stephen Reicher, sdr@st-and.ac.uk

**End of Block: Post-vid items**