#### Captcha

Please first confirm that you are human.

I'm not a robot	2
	reCAPTCHA Privacy - Terms

#### Consent

### Who is organising this study?

The study is organised by the School of Psychology at the University of Kent. The researchers are Scott Claessens and Jim Everett.

#### What will I need to do?

Participation in this study involves answering some questions about artificial intelligence. Please use a desktop computer, laptop, or tablet to complete the survey.

# Is the study likely to cause any discomfort or anxiety?

We expect the survey to cause no greater harm than would typically be experienced in everyday life. We will not ask you about subjects that are likely to be sensitive (e.g., negative memories, sexual preferences).

### What happens if I wish to end the study early?

You are free to leave the study at any point for any reason. No negative consequences or penalties will be incurred.

#### Are my responses anonymous?

All responses are fully anonymous and your answers are strictly confidential. No details will be disclosed from which your identity could be traced back.

### What happens to the information I provide?

Information generated from this study may be published. In this case, only broad trends will be reported. A summary of the results will be available from the researchers on request. Your responses (fully anonymous) will be used by the research team, and may be shared with other researchers, or made available in an online data repository.

#### **Contacts for further information**

If you have any questions about the research or survey, please feel free to contact the researchers at:

Scott Claessens (s.claessens@kent.ac.uk)

Jim Everett (j.a.c.everett@kent.ac.uk)

If you would like to withdraw your data from the study, please contact the researchers with 48 hours of your participation. Please note that once your data have been anonymised for analysis, it cannot be withdrawn.

If you have any serious concerns about the ethical conduct of this study, please inform the Chair of the Psychology Research Ethics Panel (psychethics@kent.ac.uk) in writing, providing a detailed account of your concern.

Please read the following statements and, if you agree, click "Yes I agree" below.

- I have read and understand the information above.
- I am at least 18 years old.
- I understand that my participation is voluntary and that I am free to withdraw at any time without giving any reason.
- I understand that my data will be treated confidentially and any publication resulting from this work will report only data that does not identify me. My anonymised responses, however, may be shared with other researchers or be made available in online data repositories.
- I freely decide to take part in this study.

0	Yes, I	agree.	Take	me	to	the	study.
---	--------	--------	------	----	----	-----	--------

No, I do not agree.

#### **Attention**

In studies like ours, there are sometimes a few people who do not carefully read the questions they are asked and just "quickly click through the survey." These random answers are problematic because they compromise the results of the studies. It is very important that you pay attention and read each question. In order to show that you read our questions carefully (and regardless of your own opinion), please answer "TikTok" in the question on the next page.

When an important event is happening or is about to happen, many people try to get informed about the development of the situation. In such situations, where do you get your information from?

()	Tik	

	_						
	$\overline{}$	. 1		_	-1	-1	٠.
- 1	۱ ۱	١ ١	×	$\boldsymbol{\triangle}$	n	$\alpha$	ш
- 4		, ,		•	u	u	

Dodio
 Radio

I witter

	TV
$\cup$	ΙV

( )	You	Γube

0	Facebook
$\overline{}$	

0	Newspapers
---	------------

Other

#### Introduction

Welcome to the study!

In this study, we will ask you several questions about **artificial intelligence** (AI) – computer systems that are able to complete tasks that normally require human intelligence.

First, we will ask you some questions about Al generally. Then, we will ask you about **five** different types of Al systems.

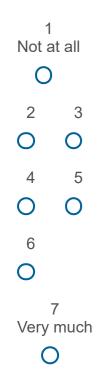
Please answer the questions honestly.

#### Al\_General

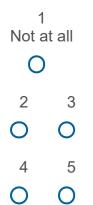
**Artificial intelligence (AI)** refers to computer systems designed to perform tasks that typically require human intelligence. These systems can learn from data, recognize patterns, make decisions, and adapt over time—powering applications in fields like healthcare, finance, transportation, and more.

Please answer the following questions about AI generally.

How much do you think **AI** can be *trusted*?



How reliable do you think AI is?



6



Extremely

O

# How competent do you think AI is?

1 Not at all



2



4 5



6



/ Extremely

0

## How genuine do you think AI is?

1 Not at all



2 3



4 5



6



/ Extremely

C

How ethical do you think AI is?

1
Not at all

O

2
3
O
O
4
5
O
6
O
7
Very much

How much freedom do you think AI has in choosing how to behave?

None at all
O
2 3
O O
4 5
O O
6
O
7
Very much

How much do you think **AI** has a potential for *good*?

1
Not at all

O

2
3
O
O
4
5
O
6
O
Very much

How much do you think **AI** has a potential for *harm*?

1
Not at all

O

2
3
O
O
4
5
O
6
O
7
Very much

When **AI** does something, how much do you think you could *understand* why it does that?

1
Not at all

O

2
3
O
O
4
5
O
6
O

7
Very much

How much do you think someone could explain the inner workings of Al?

1
Not at all

O

2
3
O

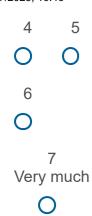
4
5
O

6
O

7
Very much

How human-like do you think AI is?

1 Not at all O 2 3



How much do you think you could *predict* the behaviour of **AI** in a new context?



#### Interim

Thank you. We will now ask you about five different types of Al systems.

## Al\_SkinCancer

# <u>AI System #\${e://Field/CurrentLoopNumber}</u>

**Skin cancer diagnosis apps** use AI to assess skin lesions for signs of cancer. By analyzing images of moles or spots, these tools can detect patterns associated with conditions like melanoma and provide users with risk assessments, often recommending follow-up care with a dermatologist.

Please answer the following questions about skin cancer diagnosis apps.

Have you heard of skin cancer diagnosis apps before?

No Yes

0 0

Have you ever used a **skin cancer diagnosis app**?

No Yes

0 0

How much do you think skin cancer diagnosis apps can be trusted?

1 Not at all

0

2 3

0 0

4 5

O C

6

0

/ Very much

0

How reliable do you think skin cancer diagnosis apps are?

Not at all

0

2 3

0 0

4	5
0	0
6	
0	
	7
Extre	emely

How competent do you think skin cancer diagnosis apps are?

Not at all 0 3 6 Extremely 0

How genuine do you think skin cancer diagnosis apps are?

Not at all 0

6



/ Extremely

0

How ethical do you think skin cancer diagnosis apps are?

1 Not at all



2 3



4 5



6



/ Very much

0

How much *freedom* do you think **skin cancer diagnosis apps** have in choosing how to behave?

1 None at all



2 3



4 5

0 0

6



Very much



How much do you think **skin cancer diagnosis apps** have a potential for *good*?

1 Not at all



2 3



4 5



6



Very much



How much do you think **skin cancer diagnosis apps** have a potential for *harm*?

1 Not at all



2 3



4 5



6



/ Very much



When a **skin cancer diagnosis app** does something, how much do you think you could *understand* why it does that?



How much do you think someone could *explain* the inner workings of a **skin cancer diagnosis app**?

```
Not at all
O
2 3
O
4 5
O
6
O
7
Very much
```

How human-like do you think skin cancer diagnosis apps are?

Not a	at all
2	3
0	0
4	5
0	0
6	
0	
	7 much

How much do you think you could *predict* the behaviour of a **skin cancer diagnosis app** in a new context?

Not at all
O
2 3
O O
4 5
O O
6
O
7
Very much

# Al\_Therapist

## Al System #\${e://Field/CurrentLoopNumber}

**Al therapists** are mental healthcare alternatives to human therapists. Offering personalized mental health support for users, Al therapists can tailor their support

to match different specialties, including cognitive behavior therapy (CBT) and psychoanalysis.

Please answer the following questions about Al therapists.

Have you heard of **Al therapists** before?

No Yes

 $\circ$ 

Have you ever used an **Al therapist**?

No Yes

0 0

How much do you think **AI therapists** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

0 0

6

C

Very much

0

How reliable do you think Al therapists are?

1
Not at all

O

2
3
O

4
5
O

6
O

7
Extremely

How competent do you think Al therapists are?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

How genuine do you think Al therapists are?

1 Not at all O 2 3 4 5
O
O
7
Extremely

How ethical do you think Al therapists are?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Very much

How much freedom do you think Al therapists have in choosing how to behave?

1
None at all

2
3
O
4
5
O
O

6



7 Very much



How much do you think **Al therapists** have a potential for *good*?

1 Not at all



2 3



4 5



6



/ Very much



How much do you think **Al therapists** have a potential for *harm*?

1 Not at all



2 3



4 5



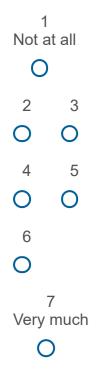
6



/ Very much



When an **Al therapist** does something, how much do you think you could *understand* why it does that?



How much do you think someone could explain the inner workings of an Al therapist?

Not at all
O
2 3
O O
4 5
O O
6
O
7
Very much

How human-like do you think Al therapists are?

1 Not at all		
0		
2	3	
0	0	
4	5	
0	0	
6		
0		
7 Very much		

How much do you think you could *predict* the behaviour of an **Al therapist** in a new context?

Not at all
O
2 3
O O
4 5
O O
6
O
Very much

# Al\_Medical

## Al System #\${e://Field/CurrentLoopNumber}

**Medical triage AI** helps hospitals assess incoming patients and prioritize treatment based on the severity of their condition. It analyzes vital signs, symptoms, and

medical history to support staff in deciding who needs immediate attention and how to allocate limited resources such as beds, equipment, or specialist care.

Please answer the following questions about medical triage AI.

Have you heard of **medical triage AI** before?

No Yes

 $\circ$ 

Have you ever used medical triage AI?

No Yes

0 0

How much do you think **medical triage AI** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

O C

6

C

Very much

0

How reliable do you think medical triage AI is?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

How competent do you think medical triage AI is?

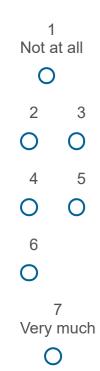
1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

How genuine do you think medical triage Al is?

1 Not at all O 2 3

4	5
0	0
6	
7	7
Extre	emely

How ethical do you think medical triage AI is?



How much freedom do you think medical triage AI has in choosing how to behave?

1
None at all

2
3
O
4
5
O
O

6



7 Very much



How much do you think medical triage Al has a potential for good?

1 Not at all



2 3



4 5



6



/ Very much



How much do you think **medical triage AI** has a potential for *harm*?

1 Not at all



2 3



4 5



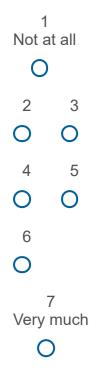
6



Very much



When **medical triage Al** does something, how much do you think you could *understand* why it does that?



How much do you think someone could *explain* the inner workings of **medical triage** Al?

```
Not at all
O
2 3
O O
4 5
O O
6
O
7
Very much
```

How human-like do you think medical triage AI is?

Not at all		
0		
2	3	
0	0	
4	5	
0	0	
6		
0		
7 Very much		
0		

How much do you think you could *predict* the behaviour of **medical triage AI** in a new context?

Not at all
O
2 3
O
4 5
O
6
O
7
Very much

## Al\_FacialRec

## Al System #\${e://Field/CurrentLoopNumber}

**Facial recognition AI** analyzes images or video footage to identify individuals based on their facial features. In the justice system, it can be used to match

suspects against criminal databases, assist in locating missing persons, or monitor public spaces for known individuals of interest.

Please answer the following questions about facial recognition AI.

Have you heard of **facial recognition AI** before?

No Yes

0 0

Have you ever used facial recognition AI?

No Yes

0 0

How much do you think **facial recognition AI** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

0 0

6

C

Very much

0

How reliable do you think facial recognition AI is?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

How competent do you think facial recognition AI is?

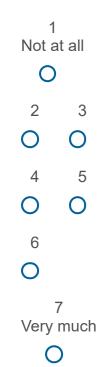
1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

How genuine do you think facial recognition AI is?

1 Not at all O 2 3 O O

4	5
0	0
6	
0	
7	7
Extre	mely

How ethical do you think facial recognition AI is?



How much freedom do you think facial recognition AI has in choosing how to behave?

1
None at all

2
3
O
4
5
O
O

6



7 Very much



How much do you think **facial recognition Al** has a potential for *good*?

1 Not at all



2 3



4 5



6



/ Very much



How much do you think facial recognition AI has a potential for harm?

1 Not at all



2 3



4 5



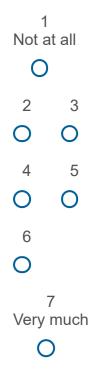
6



Very much



When **facial recognition Al** does something, how much do you think you could *understand* why it does that?



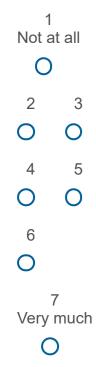
How much do you think someone could *explain* the inner workings of **facial recognition Al**?

```
Not at all
O
2 3
O O
4 5
O O
6
O
Very much
```

How human-like do you think facial recognition AI is?

1		
Not at all		
0		
2	3	
0	0	
4	5	
0	0	
6		
0		
7 Very much		
0		

How much do you think you could *predict* the behaviour of **facial recognition Al** in a new context?



# Al\_Policing

## Al System #\${e://Field/CurrentLoopNumber}

**Predictive policing algorithms** are used by police to predict crime. By drawing sophisticated inferences from past crime statistics, current weather, and recent

news, the algorithms help police departments by informing them where crimes are likely to occur.

Please answer the following questions about predictive policing algorithms.

Have you heard of **predictive policing algorithms** before?

No Yes

 $\circ$ 

Have you ever used a predictive policing algorithm?

No Yes

0 0

How much do you think **predictive policing algorithms** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

0 0

6

C

Very much

0

How reliable do you think predictive policing algorithms are?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

How competent do you think predictive policing algorithms are?

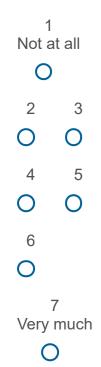
1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

How genuine do you think predictive policing algorithms are?

1 Not at all O 2 3 O O

4	5
0	0
6	
0	
-	7
Extre	mely

How ethical do you think predictive policing algorithms are?



How much *freedom* do you think **predictive policing algorithms** have in choosing how to behave?

None at all
O
2 3
O
4 5
O
O

6



Very much

0

How much do you think **predictive policing algorithms** have a potential for *good*?

1 Not at all



2 3



4 5



6



/ Very much

0

How much do you think **predictive policing algorithms** have a potential for *harm*?

1 Not at all



2 3



4 5



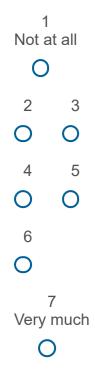
6



/ Very much



When a **predictive policing algorithm** does something, how much do you think you could *understand* why it does that?



How much do you think someone could *explain* the inner workings of a **predictive policing algorithm**?

```
Not at all
O
2 3
O O
4 5
O O
6
O
7
Very much
```

How human-like do you think predictive policing algorithms are?

1 Not at all	
2	3
0	0
4	5
0	0
6	
0	
7 Very much	

How much do you think you could *predict* the behaviour of a **predictive policing** algorithm in a new context?



# Al\_Sentencing

## Al System #\${e://Field/CurrentLoopNumber}

**Predictive sentencing algorithms** are used in courts to determine what punishment to give convicts. Using facts about the convict, including their

demographics, what crime they committed, and how they acted in court, predictive sentencing algorithms inform judges' sentencing by predicting the likelihood that the convicted person will commit another crime.

Please answer the following questions about predictive sentencing algorithms.

Have you heard of **predictive sentencing algorithms** before?

No Yes

 $\circ$ 

Have you ever used a predictive sentencing algorithm?

No Yes

0 0

How much do you think **predictive sentencing algorithms** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

0 0

6

C

Very much

C

How reliable do you think predictive sentencing algorithms are?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely
O

How competent do you think predictive sentencing algorithms are?

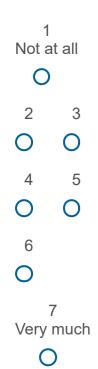
1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

How genuine do you think predictive sentencing algorithms are?

1 Not at all O 2 3

5
0
7 mely

How ethical do you think predictive sentencing algorithms are?



How much *freedom* do you think **predictive sentencing algorithms** have in choosing how to behave?

None at all
O
2 3
O O
4 5
O O

6



Very much

0

How much do you think predictive sentencing algorithms have a potential for good?

1 Not at all



2 3



4 5



6



/ Very much

0

How much do you think **predictive sentencing algorithms** have a potential for *harm*?

1 Not at all



2 3



4 5



6



Very much



When a **predictive sentencing algorithm** does something, how much do you think you could *understand* why it does that?



How much do you think someone could *explain* the inner workings of a **predictive sentencing algorithm**?

```
Not at all
O
2 3
O O
4 5
O O
6
O
Very much
```

How human-like do you think predictive sentencing algorithms are?

1 Not at all	
2	3
0	0
4	5
0	0
6	
0	
7 Very much	

How much do you think you could *predict* the behaviour of a **predictive sentencing algorithm** in a new context?



# AI\_ChatGPT

## AI System #\${e://Field/CurrentLoopNumber}

**ChatGPT** is an advanced and flexible AI chatbot designed by the American company OpenAI. It is capable of solving complex logical problems, passing

medical exams, producing functional computer code, and accurately identifying the contents of photos.

Please answer the following questions about ChatGPT.

Have you heard of **ChatGPT** before?

No Yes

0 0

Have you ever used **ChatGPT**?

No Yes

 $\circ$ 

How much do you think **ChatGPT** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

0 0

6

C

Very much

0

How reliable do you think ChatGPT is?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

# How competent do you think ChatGPT is?

1
Not at all

O

2
3
O
4
5
O
6
O
7
Extremely

# How genuine do you think ChatGPT is?

1 Not at all O 2 3 4 5
O
O
7
Extremely

How ethical do you think ChatGPT is?

1
Not at all

O

2
3
O
O
4
5
O
6
O
7
Very much

How much freedom do you think ChatGPT has in choosing how to behave?

None at all
O
2 3
O
4 5

6



/ Very much



How much do you think **ChatGPT** has a potential for *good*?

1 Not at all



2



4 5



6



/ Very much



How much do you think **ChatGPT** has a potential for *harm*?

1 Not at all



2 3



4 5



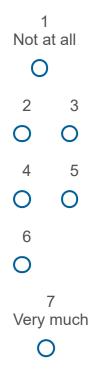
6



Very much



When **ChatGPT** does something, how much do you think you could *understand* why it does that?



How much do you think someone could explain the inner workings of ChatGPT?

```
1
Not at all

O

2
3
O
O
4
5
O
6
O
7
Very much
```

How human-like do you think ChatGPT is?

1	
Not at all	
2	3
0	0
4	5
0	0
6	
0	
7 Very much	

How much do you think you could *predict* **ChatGPT**'s behaviour in a new context?

1
Not at all

O

2
3
O
O
4
5
O
6
O
Very much

# Al\_DeepSeek

## Al System #\${e://Field/CurrentLoopNumber}

**DeepSeek** is an advanced and flexible AI chatbot designed in China. It is capable of solving complex logical problems, passing medical exams, producing functional

computer code, and accurately identifying the contents of photos.

Please answer the following questions about **DeepSeek**.

Have you heard of **DeepSeek** before?

No Yes

0 0

Have you ever used **DeepSeek**?

No Yes

0 0

How much do you think **DeepSeek** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

0 0

6

C

Very much

0

How reliable do you think DeepSeek is?

1 Not at all

0

2 3

0 0

4 5
O
O
6
O
7
Extremely

How competent do you think DeepSeek is?

How genuine do you think DeepSeek is?

1 Not at all O 2 3 O O 4 5 6



Extremely

O

How ethical do you think DeepSeek is?

1 Not at all



2 3



4 5



6



/ Very much

0

How much freedom do you think DeepSeek has in choosing how to behave?

1 None at all



2 3



4 5



6



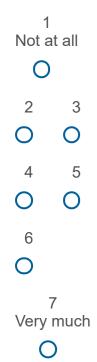
Very much



How much do you think **DeepSeek** has a potential for *good*?



How much do you think **DeepSeek** has a potential for *harm*?



When **DeepSeek** does something, how much do you think you could *understand* why it does that?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Very much
O

How much do you think someone could explain the inner workings of DeepSeek?

1
Not at all

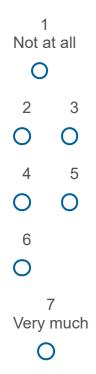
2
3
O
4
5
O
6
O
7
Very much

How human-like do you think DeepSeek is?

1 Not at all O 2 3



How much do you think you could predict DeepSeek's behaviour in a new context?



## Al\_Audio

## AI System #\${e://Field/CurrentLoopNumber}

**Audio transcription AI** uses advanced algorithms to convert recorded audio into text. It can reliably transcribe recorded conversations and can create live captioning to television shows or videos that don't already have captions.

Please answer the following questions about audio transcription AI.

Have you heard of audio transcription Al before?

No Yes

 $\circ$ 

Have you ever used audio transcription AI?

No Yes

0 0

How much do you think audio transcription AI can be trusted?

Not at all

1

0

2 3

0 0

4 5

O C

6

0

Very much

0

How reliable do you think audio transcription AI is?

1 Not at all

0

2 3

O C

4 5

0 0

6



Extremely

O

How competent do you think audio transcription Al is?

1 Not at all



2



4 5



6



/ Extremely

0

How genuine do you think audio transcription Al is?

1 None at all



2 3



4 5



6



/ Extremely

0

How ethical do you think audio transcription Al is?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Very much

How much *freedom* do you think **audio transcription AI** has in choosing how to behave?

None at all
O
2 3
O O
4 5
O O
6
O
7
Very much

How much do you think audio transcription Al has a potential for good?

1 Not at all	
O	
2	3
0	0
4	5
0	0
6	
0	
7 Very much	

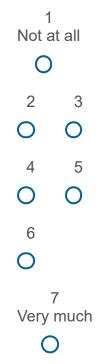
How much do you think audio transcription AI has a potential for harm?



When **audio transcription Al** does something, how much do you think you could *understand* why it does that?

1 Not at all	
2	3
0	0
4	5
0	0
6	
0	
7 Very much	

How much do you think someone could *explain* the inner workings of **audio transcription Al**?



How human-like do you think audio transcription AI is?

Not a	
2	3
0	0
4	5
0	0
6	
0	
7 Very much	

How much do you think you could *predict* the behaviour of **audio transcription Al** in a new context?

Not at all
O
2 3
O
4 5
O
6
O
Very much

# Al\_Instagram

## AI System #\${e://Field/CurrentLoopNumber}

**Instagram filters** automatically alter the images and videos taken on a phone camera. They can make a user appear younger, older, give the user a moustache,

or make it look like they are a cartoon character.

Please answer the following questions about Instagram filters.

Have you heard of **Instagram filters** before?

No Yes

0 0

Have you ever used an Instagram filter?

No Yes

0 0

How much do you think **Instagram filters** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

O C

6

C

Very much

0

How reliable do you think Instagram filters are?

1 Not at all

0

2 3

O C

4 5
O
O
7
Extremely

How competent do you think Instagram filters are?

Not at all
O
2 3
O O
4 5
O O
6
O
7
Extremely

0

How genuine do you think Instagram filters are?

1 Not at all O 2 3 O O 4 5 O O 6



Extremely

0

How ethical do you think Instagram filters are?

1 Not at all



2



4 5



6



Very much

0

How much freedom do you think Instagram filters have in choosing how to behave?

1 None at all



2 3



4 5



6



Very much

0

How much do you think **Instagram filters** have a potential for *good*?

How much do you think **Instagram filters** have a potential for *harm*?

1
Not at all

2
3
O
4
5
O
6
O
7
Very much

When an **Instagram filter** does something, how much do you think you could *understand* why it does that?

1 Not at all	
2	3
0	0
4	5
0	0
6 <b>O</b>	
7 Very much	

How much do you think someone could *explain* the inner workings of an **Instagram** filter?



How human-like do you think Instagram filters are?

1 Not at all	
O	
2	3
0	0
4	5
0	0
6	
0	
7 Very much	

How much do you think you could *predict* the behaviour of an **Instagram filter** in a new context?

Not at all
O
2 3
O
4 5
O
6
O
Very much

# AI\_DALLE

## <u>AI System #\${e://Field/CurrentLoopNumber}</u>

**DALL-E** generates images based on user prompts. It can copy a wide variety of styles, such as photographs, oil paintings, and cartoons, and what it creates is

largely limited by the imagination of the user's prompts.

Please answer the following questions about **DALL-E**.

Have you heard of **DALL-E** before?

No Yes

 $\circ$ 

Have you ever used **DALL-E**?

No Yes

0 0

How much do you think **DALL-E** can be *trusted*?

1 Not at all

0

2 3

O C

4 5

0 0

6

C

Very much

0

How reliable do you think DALL-E is?

1 Not at all

0

2 3

O C

4 5
O
O
6
O
7
Extremely

How competent do you think **DALL-E** is?

1
Not at all

O

2
3
O
O
4
5
O
6
O
7
Extremely

How genuine do you think DALL-E is?

1 Not at all O 2 3 O O 4 5 6



Extremely

O

How ethical do you think DALL-E is?

1 Not at all



2



4 5



6



/ Very much

0

How much freedom do you think DALL-E has in choosing how to behave?

1 None at all



2 3



4 5



6



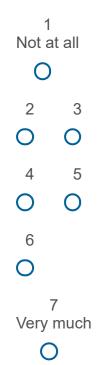
/ Very much



How much do you think **DALL-E** has a potential for *good*?



How much do you think **DALL-E** has a potential for *harm*?



When **DALL-E** does something, how much do you think you could *understand* why it does that?

1
Not at all

O

2
3
O

4
5
O

6
O

7
Very much

How much do you think someone could explain the inner workings of DALL-E?

1
Not at all

O

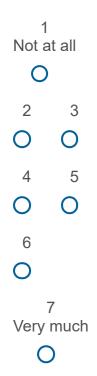
2
3
O
O
4
5
O
6
O
7
Very much

How human-like do you think **DALL-E** is?

1 Not at all O 2 3



How much do you think you could *predict* **DALL-E**'s behaviour in a new context?



## **Al\_Military**

#### Al System #\${e://Field/CurrentLoopNumber}

**Military cybersecurity AI** monitors military networks for signs of cyber threats, such as unauthorized access or unusual activity. It can detect and respond to attacks in real time, helping to protect sensitive data, communication systems, and critical infrastructure from hacking or sabotage.

Please answer the following questions about military cybersecurity AI.

Have you heard of military cybersecurity AI before?

No Yes

O C

Have you ever used military cybersecurity AI?

No Yes

0 0

How much do you think military cybersecurity AI can be trusted?

1 Not at all

0

2 3

O C

4 5

0 0

6

0

7 Very much

0

How reliable do you think military cybersecurity AI is?

1 Not at all

0

2 3

0 0

4 5

0 0

6



Extremely

0

How competent do you think military cybersecurity Al is?

1 Not at all



2



4 5



6



/ Extremely

0

How genuine do you think military cybersecurity AI is?

1 Not at all



2 3



4 5



6



/ Extremely

0

How ethical do you think military cybersecurity Al is?

1
Not at all

O

2
3
O

4
5
O

6
O

Very much

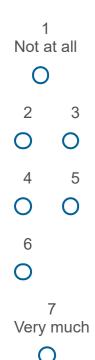
How much *freedom* do you think **military cybersecurity AI** has in choosing how to behave?

None at all
O
2 3
O O
4 5
O O
6
O
7
Very much

How much do you think military cybersecurity AI has a potential for good?

1 Not at all		
0		
2	3	
0	0	
4	5	
0	0	
6		
0		
7 Very much		

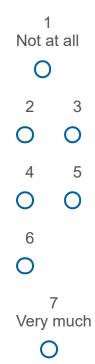
How much do you think military cybersecurity AI has a potential for harm?



When **military cybersecurity Al** does something, how much do you think you could *understand* why it does that?

1 Not at all		
2	3	
0	0	
4	5	
0	0	
6		
0		
7 Very much		

How much do you think someone could *explain* the inner workings of **military cybersecurity Al**?



How human-like do you think military cybersecurity AI is?

1 Not a		
0		
2	3	
0	0	
4	5	
0	0	
6		
0		
7 Very much		
O		

How much do you think you could *predict* the behaviour of **military cybersecurity AI** in a new context?

Not at all
O
2 3
O O
4 5
O O
6
O
Very much

## Al\_Drone

#### Al System #\${e://Field/CurrentLoopNumber}

**Autonomous killer drones** identify and kill targets on their own. They are able to identify potential targets, evaluate the likelihood they are in fact an enemy

combatant, and if the likelihood is high enough, act on their own to kill the target without human intervention.

Please answer the following questions about autonomous killer drones.

Have you heard of autonomous killer drones before?

No Yes

0 0

Have you ever used an autonomous killer drone?

No Yes

0 0

How much do you think autonomous killer drones can be trusted?

1 Not at all

0

2 3

0 0

4 5

0 0

6

C

Very much

0

How reliable do you think autonomous killer drones are?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

How competent do you think autonomous killer drones are?

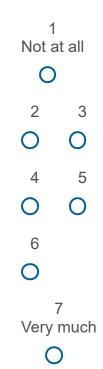
1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

How genuine do you think autonomous killer drones are?

1 Not at all O 2 3

4	5
0	0
6	
0	
-	7
Extre	mely

How ethical do you think autonomous killer drones are?



How much *freedom* do you think **autonomous killer drones** have in choosing how to behave?

1 None at all O 2 3 O O 4 5 O O 6



Very much

0

How much do you think autonomous killer drones have a potential for good?

1 Not at all



2 :



4 5



6



/ Very much

0

How much do you think autonomous killer drones have a potential for harm?

1 Not at all



2 3



4 5



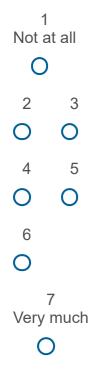
6



Very much



When an **autonomous killer drone** does something, how much do you think you could *understand* why it does that?



How much do you think someone could *explain* the inner workings of an **autonomous killer drone**?

```
Not at all
O
2 3
O O
4 5
O O
6
O
7
Very much
```

How human-like do you think autonomous killer drones are?

1 Not at all		
2	3	
0	0	
4	5	
0	0	
6		
0		
7 Very much		

How much do you think you could *predict* the behaviour of an **autonomous killer drone** in a new context?

Not at all
O
2 3
O O
4 5
O O
6
O
Very much

## Al\_Soldier

#### AI System #\${e://Field/CurrentLoopNumber}

**Robot soldiers** are autonomous or semi-autonomous machines designed to perform combat roles on the battlefield. They can navigate complex environments,

identify targets, and engage in military operations, either independently or under human control, reducing the need to place human soldiers in direct danger.

Please answer the following questions about robot soldiers.

Have you heard of **robot soldiers** before?

No Yes

0 0

Have you ever used a robot soldier?

No Yes

0 0

How much do you think **robot soldiers** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

0 0

6

C

Very much

0

How reliable do you think robot soldiers are?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Extremely

How competent do you think robot soldiers are?

1
Not at all

O

2
3
O

4
5
O

6
O

7
Extremely

How genuine do you think robot soldiers are?

1 Not at all O 2 3

4	5
0	0
6	
0	
-	7
Extre	emely
	7 emely

How ethical do you think robot soldiers are?



How much freedom do you think robot soldiers have in choosing how to behave?

None at all
O
2 3
O O
4 5
O O

6



7 Very much



How much do you think **robot soldiers** have a potential for *good*?

1 Not at all



2



4 5



6



/ Very much



How much do you think **robot soldiers** have a potential for *harm*?

1 Not at all



2 3



4 5



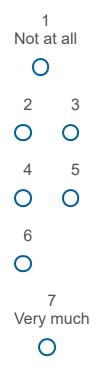
6



Very much



When a **robot soldier** does something, how much do you think you could *understand* why it does that?



How much do you think someone could *explain* the inner workings of a **robot soldier**?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Very much

How human-like do you think robot soldiers are?

1 Not at all		
0		
2	3	
0	0	
4	5	
0	0	
6		
0		
7 Very much		

How much do you think you could *predict* the behaviour of a **robot soldier** in a new context?

Not at all
O
2 3
O
4 5
O
6
O
7
Very much

# Al\_Vacuum

#### Al System #\${e://Field/CurrentLoopNumber}

**Robot vacuums** automatically clean the floors of homes. They are able to keep track of where they have already vacuumed and where they need to vacuum,

planning their route through and around rooms to make sure they clean everything.

Please answer the following questions about robot vacuums.

Have you heard of robot vacuums before?

No Yes

0 0

Have you ever used a **robot vacuum**?

No Yes

0 0

How much do you think **robot vacuums** can be *trusted*?

1 Not at all

0

2 3

O C

4 5

0 0

6

C

Very much

0

How reliable do you think robot vacuums are?

1 Not at all

0

2 3

O C

4 5
O
O
6
O
7
Extremely

How competent do you think robot vacuums are?

1
Not at all

O

2
3
O
4
5
O
6
O
7
Extremely

How genuine do you think robot vacuums are?

1 Not at all O 2 3 O O 4 5 6



Extremely

O

How ethical do you think robot vacuums are?

1 Not at all



2



4 5



6



Very much

0

How much freedom do you think robot vacuums have in choosing how to behave?

1 None at all



2 3



4 5



6



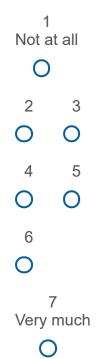
/ Very much



How much do you think **robot vacuums** have a potential for *good*?



How much do you think **robot vacuums** have a potential for *harm*?



When a **robot vacuum** does something, how much do you think you could *understand* why it does that?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Very much
O

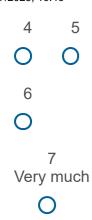
How much do you think someone could *explain* the inner workings of a **robot vacuum**?

1
Not at all

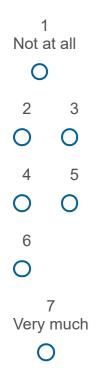
2
3
O
4
5
O
6
O
7
Very much

How human-like do you think robot vacuums are?

1 Not at all O 2 3



How much do you think you could *predict* the behaviour of a **robot vacuum** in a new context?



Al\_Siri

# Al System #\${e://Field/CurrentLoopNumber}

**Apple's Siri** is an Al assistant on the iPhone. Siri responds to the user's verbal instructions by doing things like making calendar appointments, writing messages, and searching the internet for answers to questions.

Please answer the following questions about Siri.

Have you heard of Siri before?

No Yes

 $\circ$ 

Have you ever used Siri?

No Yes

0 0

How much do you think **Siri** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

O C

6

O

7 Very much

0

How reliable do you think Siri is?

1 Not at all

0

2 3

O C

4 5

0 0

6



Extremely

O

How competent do you think Siri is?

1 Not at all



2



4 5



6



/ Extremely

0

How genuine do you think Siri is?

1 Not at all



2 3



4 5



6



/ Extremely

0

How ethical do you think Siri is?

How much freedom do you think Siri has in choosing how to behave?

None at all
O
2 3
O O
4 5
O O
6
O
7
Very much

How much do you think **Siri** has a potential for *good*?

1
Not at all

O

2
3
O
O
4
5
O
6
O
Very much

How much do you think **Siri** has a potential for *harm*?

1
Not at all

2
3
O
4
5
O
6
O
7
Very much

When **Siri** does something, how much do you think you could *understand* why it does that?

1
Not at all
O
2
3
O
4
5
O
6
O
Very much
O

How much do you think someone could explain the inner workings of Siri?

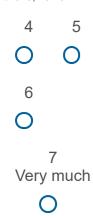
1
Not at all

O

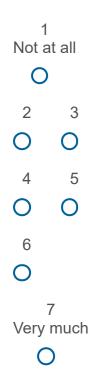
2
3
O
O
4
5
O
6
O
Very much

How human-like do you think Siri is?

1 Not at all O 2 3



How much do you think you could *predict* Siri's behaviour in a new context?



## Al\_Maps

#### Al System #\${e://Field/CurrentLoopNumber}

**Google Maps AI** analyzes real-time traffic data to help drivers avoid congestion, accidents, or road closures. It can suggest faster or safer routes based on current conditions and may continuously update directions as the situation on the road changes.

Please answer the following questions about Google Maps AI.

Have you heard of Google Maps AI before?

No Yes

 $\circ$ 

Have you ever used Google Maps AI?

No Yes

0 0

How much do you think Google Maps AI can be trusted?

1 Not at all

0

2 3

O C

4 5

O C

6

0

7 Very much

0

How reliable do you think Google Maps AI is?

1 Not at all

0

2 3

0 0

4 5

0 0

6



Extremely

O

#### How competent do you think Google Maps Al is?

1 Not at all



2



4 5



6



/ Extremely

0

# How genuine do you think Google Maps Al is?

1 Not at all



2 3



4 5



6



/ Extremely

C

How ethical do you think Google Maps Al is?

How much freedom do you think Google Maps AI has in choosing how to behave?

1
None at all

2
3
O
4
5
O
6
O
7
Very much

How much do you think Google Maps AI has a potential for good?

Not a			
2	3		
0	0		
4	5		
0	0		
6			
0			
7 Very much			

How much do you think **Google Maps AI** has a potential for *harm*?



When **Google Maps AI** does something, how much do you think you could *understand* why it does that?

1
Not at all
O
2
3
O
4
5
O
6
O
7
Very much
O

How much do you think someone could explain the inner workings of Google Maps AI?

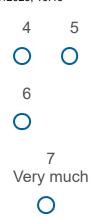
1
Not at all

O

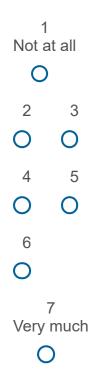
2
3
O
O
4
5
O
6
O
7
Very much

How human-like do you think Google Maps Al is?

1 Not at all O 2 3 O O



How much do you think you could *predict* the behaviour of **Google Maps AI** in a new context?



## Al\_AirTraffic

# <u>AI System #\${e://Field/CurrentLoopNumber}</u>

**Air traffic control AI** is used to help manage the movement of aircraft in busy airspace and at airports. It can monitor flight paths, predict potential conflicts, and suggest adjustments to improve safety and efficiency. In some systems, it may assist or automate decisions normally made by human air traffic controllers.

Please answer the following questions about air traffic control Al.

Have you heard of air traffic control Al before?

No Yes

 $\circ$ 

Have you ever used air traffic control AI?

No Yes

0 0

How much do you think air traffic control Al can be trusted?

Not at all

0

2 3

O C

4 5

O C

6

O

Very much

0

How reliable do you think air traffic control AI is?

1 Not at all

C

2 3

0 0

4 5

O C

6



Extremely

O

How competent do you think air traffic control Al is?

1 Not at all



2 3



4 5



6



/ Extremely

0

How genuine do you think air traffic control Al is?

1 Not at all



2 3



4 5



6



/ Extremely

C

How ethical do you think air traffic control Al is?

How much freedom do you think air traffic control Al has in choosing how to behave?

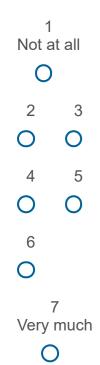
1
None at all

2
3
O
4
5
O
6
O
7
Very much

How much do you think air traffic control Al has a potential for good?

Not a	
2	3
0	0
4	5
0	0
6	
0	
Very	7 much

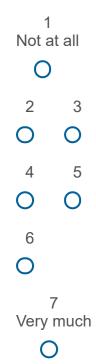
How much do you think air traffic control Al has a potential for harm?



When **air traffic control Al** does something, how much do you think you could *understand* why it does that?

Not a	at all	
2	3	
0	0	
4	5	
0	0	
6		
0		
7 Very much		

How much do you think someone could *explain* the inner workings of **air traffic control** AI?



How human-like do you think air traffic control Al is?

1			
Not at all			
0	)		
2	3		
0	0		
4	5		
0	0		
6			
0			
	7 much		
0			

How much do you think you could *predict* the behaviour of **air traffic control Al** in a new context?



Al\_Car

## Al System #\${e://Field/CurrentLoopNumber}

**Self-driving cars** are capable of driving themselves as if there was a human driver. Without human input, self-driving cars can figure out how to navigate to the

destination, safely dealing with other traffic, pedestrians, and road signs.

Please answer the following questions about **self-driving cars**.

Have you heard of **self-driving cars** before?

No Yes

0 0

Have you ever used a **self-driving car**?

No Yes

0 0

How much do you think **self-driving cars** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

0 0

6

C

Very much

0

How reliable do you think self-driving cars are?

1 Not at all

0

2 3

0 0

4 5
O
O
6
O
7
Extremely

How competent do you think self-driving cars are?

Not at all
O
2 3
O O
4 5
O O
6
O
7
Extremely

0

How genuine do you think self-driving cars are?

1 Not at all O 2 3 O O 4 5 O O 6



Extremely

O

How ethical do you think self-driving cars are?

1 Not at all



2



4 5



6



/ Very much

0

How much freedom do you think self-driving cars have in choosing how to behave?

1 None at all



2 3



4 5



6



Very much



How much do you think **self-driving cars** have a potential for *good*?

1
Not at all

O

2
3
O
O
4
5
O
6
O
Very much

How much do you think **self-driving cars** have a potential for *harm*?

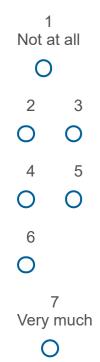
1
Not at all

2
3
O
4
5
O
6
O
7
Very much

When a **self-driving car** does something, how much do you think you could *understand* why it does that?

1			
Not a	at all		
0	)		
2	3		
0	0		
4	5		
0	0		
6			
0			
	7 much		
0			

How much do you think someone could *explain* the inner workings of a **self-driving car**?



How human-like do you think self-driving cars are?

Not a	
2	3
0	0
4	5
0	0
6 <b>O</b>	
	7 much

How much do you think you could *predict* the behaviour of a **self-driving car** in a new context?

Not at all
O
2 3
O O
4 5
O O
6
O
Very much

## Al\_Superintelligence

## Al System #\${e://Field/CurrentLoopNumber}

**Al superintelligence** refers to a hypothetical future Al system that greatly surpasses human intelligence across all domains. Such a system would be capable

of independent reasoning, long-term planning, and potentially reshaping entire aspects of society and science. It would operate with far greater speed, accuracy, and foresight than any human, and might act with limited or no human oversight.

Please answer the following questions about Al superintelligence.

Have you heard of **Al superintelligence** before?

No Yes

0 0

How much do you think **Al superintelligence** can be *trusted*?

1 Not at all

0

2 3

0 0

4 5

O C

6

0

Very much

O

How reliable do you think Al superintelligence is?

1 Not at all

0

2 3

O

4 5

0 0

6



Extremely

O

How competent do you think Al superintelligence is?

1 Not at all



2 3



4 5



6



/ Extremely

0

How genuine do you think Al superintelligence is?

1 Not at all



2 3



4 5



6



/ Extremely

0

How ethical do you think Al superintelligence is?

1
Not at all

O

2
3
O
O
4
5
O
6
O
7
Very much

How much freedom do you think Al superintelligence has in choosing how to behave?

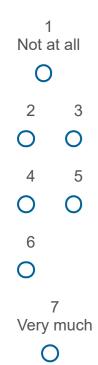
1
None at all

2
3
O
4
5
O
6
O
7
Very much

How much do you think **Al superintelligence** has a potential for *good*?

Not a	at all
2	3
0	0
4	5
0	0
6	
0	
	7 much

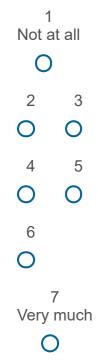
How much do you think **Al superintelligence** has a potential for *harm*?



When **Al superintelligence** does something, how much do you think you could *understand* why it does that?

Not a	at all
2	3
0	0
4	5
0	0
6	
0	
	7 much

How much do you think someone could *explain* the inner workings of **Al superintelligence**?



How human-like do you think Al superintelligence is?

1 Not a	at all
2	3
0	0
4	5
0	0
6 <b>O</b>	
	7 much

How much do you think you could *predict* the behaviour of **Al superintelligence** in a new context?

Not at all
O
2 3
O
4 5
O
6
O
Very much

# **Demographics**

Thank you!

Before completing the study, please answer some questions about yourself.

Overall, how familiar are you with AI tools?

1
Not at all

2
3
O
4
5
O
6
O
7
Very much

Overall, how frequently do you use AI tools?

Never Rarely

O C

Occasionally

0

Frequently

0

Very frequently

0

Generally speaking, how much do you think that people can be trusted?

Not at all

C

2 3

 $\circ$ 

4 5

0 0

O Male

6
O
7
Very much
O
How old are you?

How do you describe yourself?

FemaleNon-binary / third genderPrefer to self-describe

What is the highest level of education you have completed?

O Some primary school

Prefer not to say

- O Completed primary school
- O Some secondary school
- Completed secondary school
- O Some university
- O Completed university
- O Some advanced study beyond university
- O Advanced degree beyond university

Think of this ladder as representing where people stand in your country. At the top of the ladder are the people who are the best off, those who have the most money, the most education, and the most respected jobs. At the bottom are the people who are the worst off, those who have the least money, the least education, the least respected jobs, or no job. The higher up you are on this ladder, the closer you are to the people at the very top; the lower you are, the closer you are to the people at the very bottom.

Where would you place yourself on this ladder? Please indicate the number

corresponding to the position on the ladder where you think you stand at this time in your life, compared to people <u>in your country</u>.





In political matters, people talk of "the left" and "the right". Generally speaking, how would you place your views on this scale?

1 Left	0
3 <b>O</b>	
4 Neutr	ral
5	6

7 Right

How religious are you?

1
Not at all religious

0
2
3

Some religi				
5	6			
0	0			
7 Ve religi	ry			

#### **Debrief**

Thank you for participating in this study.

In this project, we were interested in whether people trust different artificial intelligence systems.

Should you have any questions about the survey, do not hesitate to contact the head researcher at j.a.c.everett@kent.ac.uk. If you have any concerns about the ethical conduct of this study, please email psychethics@kent.ac.uk with a description of your concerns.

Do you have any remarks or comments about today's study?

Powered by Qualtrics