Information sheet & Consent

Beliefs and decision-making

The University of York [redacted] would like to invite you to take part in the following research project. Before agreeing to take part, please read this information sheet carefully and let us know if anything is unclear or you would like further information. If you have any questions or want to discuss any aspect of the study please contact [redacted] before completing the consent form.

Purpose of the study

The study is designed to understand how people's beliefs and values impact their decision-making. In this study, you will be asked to provide some information about your background (such as age, gender, level of education) and fill out several questionnaires about your beliefs and values, specifically about important principles in life and appropriate behavior in different situations. You will then be asked to make several decisions in hypothetical scenarios. You will not be asked to provide any sensitive or personal information. The study will take about 10-15 minutes to complete.

Why have I been invited to take part?

You have been invited to take part because you are 18 years or older and live in the USA.

Do I have to take part?

No, participation is optional. If you do decide to take part, you will be given the option to download a copy of this information sheet HERE. You will be asked to complete a participant consent form. If you change your mind at any point during the study, you will be able to withdraw your participation without having to provide a reason. You can withdraw at any time before study completion by closing the screen. If you would like

to remove your data at a later date, you can do so until 31 December 2023. Please contact [redacted] with your unique Prolific ID.

Will you share my data with third parties?

No. Data will be accessible to the project team at York only. We will share the fully anonymised data on public data repositories (for example, Open Science Framework). The anonymised data may be reused by the research team or other third parties for secondary research and/or teaching purposes.

Will you transfer my data internationally?

No.

Will I be identified in any research outputs?

No.

Recompense

To recompense you for taking part in this research, you will be paid £2.25 via Prolific. You will not need to provide any personal information.

Questions or concerns

If you have any questions about this participant information sheet or concerns about how your data is being processed, please contact [redacted] in the first instance. If you are still dissatisfied, please contact the University's Acting Data Protection Officer at dataprotection@york.ac.uk.

Contact Details: [redacted]

Declaration of Consent

☐ I have read and understood the information sheet entitled "Beliefs and decision-making", and I have asked any questions I had via email.

☐ If I asked any questions, I have had satisfactory answers to all of them.

☐ I understand that I am free to withdraw from the study at any time without having to give a reason. After completion of the study, I understand that I have to contact [redacted] until 31 December 2023 with my unique Prolific code if I want to have my data removed.

☐ If I have any questions or concerns about the research, I know I can contact [redacted]

☐ I accept the terms and conditions of this study and agree to take part.

Prolific_ID

What is your Prolific ID?
This response should auto-fill with the correct ID.

${e://Field/PROLIFIC_PID}

Socio-demographics

First, please tell us a little bit about yourself

Your gender:

- ○ Man
- ○ Woman
- ○ Non-binary
- ○ Not listed / Prefer not to say

Your age:

What is the highest degree or level of school you have completed?

- ○ No schooling completed
- ○ Nursery school to 8th grade
- ○ Some high school, no diploma
- ○ High school graduate, diploma or the equivalent (for example: GED)
- ○ Some college credit, no degree
- ○ Trade/technical/vocational training
- ○ Associate degree
- ○ Bachelor’s degree
- ○ Master’s degree

- ○ Professional degree
- ○ Doctorate degree

What is your current place of residence?

Which race/ethnicity do you identify with most?

- ○ White
- ○ Hispanic or Latino
- ○ Black or African American
- ○ Native American or American Indian
- ○ Asian / Pacific Islander
- ○ Not listed / Prefer not to say

Which of the following applies to you?

- ○ I was born and raised in the USA
- ○ I immigrated to the USA from another country
- ○ I was born and/or raised in the USA, but my family (parents or grandparents) immigrated to the USA from another country

DHF

Please read the statements below and indicate to what extent *you personally* agree with each of them.

	Strongly disagree	Disagree	Somewhat disagree	Somewhat agree	Agree	Strongly agree
People should stand up for what they believe in even when others disagree	○	○	○	○	○	○
People should control their behavior in front of others	○	○	○	○	○	○

	Strongly disagree	Disagree	Somewhat disagree	Somewhat agree	Agree	Strongly agree
People should avoid situations where they could be embarrassed	O	O	O	O	O	O
People should always be ready to defend their honor	O	O	O	O	O	O
People should uphold and defend their family's reputation	O	O	O	O	O	O
People should minimize conflict in social relationships at all costs	O	O	O	O	O	O
If a person’s friend’s reputation is questioned, they should come to their defense	O	O	O	O	O	O
People should *never* take someone’s belongings without permission	O	O	O	O	O	O
A person cannot respect themselves if they are not fulfilling their responsibilities	O	O	O	O	O	O
People should *never* talk about others behind their back in a negative way	O	O	O	O	O	O
People should be humble so as to maintain good relationships	O	O	O	O	O	O
People should never criticize others in public	O	O	O	O	O	O
It is important to maintain harmony within one’s group	O	O	O	O	O	O
Men should protect the reputation of women they are related to	O	O	O	O	O	O
People should be concerned about	O	O	O	O	O	O

	Strongly disagree	Disagree	Somewhat disagree	Somewhat agree	Agree	Strongly agree
damaging their families' reputation						
People should *always* keep the secrets they have been trusted with	○	○	○	○	○	○
How much a person respects themselves is far more important than how much others respect them	○	○	○	○	○	○
If a person is insulted and they don't respond, they will look weak	○	○	○	○	○	○
People should think twice before speaking to not embarrass themselves	○	○	○	○	○	○
People should be true to themselves regardless of what others think	○	○	○	○	○	○
A person must show strength to be respected	○	○	○	○	○	○
People should *never* lie to another person, no matter the circumstances	○	○	○	○	○	○
People should punish those who insult them	○	○	○	○	○	○
When making decisions, people should always think about how their behavior will reflect on the reputation of their close ones	○	○	○	○	○	○
People should make decisions based on their own opinions and not based on what others think	○	○	○	○	○	○
People's opinions should be independent of what others around them think	○	○	○	○	○	○

	Strongly disagree	Disagree	Somewhat disagree	Somewhat agree	Agree	Strongly agree
People should know their place in society and act according to it	○	○	○	○	○	○
People should *always* keep promises that they made to another person, no matter who that person is	○	○	○	○	○	○
People should not expect respect from others if they did not earn it	○	○	○	○	○	○
People should be extremely careful not to embarrass others	○	○	○	○	○	○

Now please read the same statements, but instead of your personal opinion, indicate to what extent you think *other people in the state of ${q://QID8/ChoiceGroup/SelectedChoices}* would agree with each of them.

	Strongly disagree	Disagree	Somewhat disagree	Somewhat agree	Agree	Strongly agree
People should stand up for what they believe in even when others disagree	○	○	○	○	○	○
People should control their behavior in front of others	○	○	○	○	○	○
People should avoid situations where they could be embarrassed	○	○	○	○	○	○
People should always be ready to defend their honor	○	○	○	○	○	○
People should uphold and defend their family's reputation	○	○	○	○	○	○
People should minimize conflict in social relationships at all costs	○	○	○	○	○	○
If a person’s friend’s reputation is	○	○	○	○	○	○

	Strongly disagree	Disagree	Somewhat disagree	Somewhat agree	Agree	Strongly agree
questioned, they should come to their defense						
People should *never* take someone's belongings without permission	O	O	O	O	O	O
A person cannot respect themselves if they are not fulfilling their responsibilities	O	O	O	O	O	O
People should *never* talk about others behind their back in a negative way	O	O	O	O	O	O
People should be humble so as to maintain good relationships	O	O	O	O	O	O
People should never criticize others in public	O	O	O	O	O	O
It is important to maintain harmony within one's group	O	O	O	O	O	O
Men should protect the reputation of women they are related to	O	O	O	O	O	O
People should be concerned about damaging their families' reputation	O	O	O	O	O	O
People should *always* keep the secrets they have been trusted with	O	O	O	O	O	O
How much a person respects themselves is far more important than how much others respect them	O	O	O	O	O	O
If a person is insulted and they don't respond, they will look weak	O	O	O	O	O	O
People should think twice before speaking	O	O	O	O	O	O

	Strongly disagree	Disagree	Somewhat disagree	Somewhat agree	Agree	Strongly agree
to not embarrass themselves						
People should be true to themselves regardless of what others think	○	○	○	○	○	○
A person must show strength to be respected	○	○	○	○	○	○
People should *never* lie to another person, no matter the circumstances	○	○	○	○	○	○
People should punish those who insult them	○	○	○	○	○	○
When making decisions, people should always think about how their behavior will reflect on the reputation of their close ones	○	○	○	○	○	○
People should make decisions based on their own opinions and not based on what others think	○	○	○	○	○	○
People's opinions should be independent of what others around them think	○	○	○	○	○	○
People should know their place in society and act according to it	○	○	○	○	○	○
People should *always* keep promises that they made to another person, no matter who that person is	○	○	○	○	○	○
People should not expect respect from others if they did not earn it	○	○	○	○	○	○
People should be extremely careful not to embarrass others	○	○	○	○	○	○

Reciprocity & self-construal

To what degree do the following statements apply to you personally?

	Does not apply to me at all 1	2	3	4	5	6	Applies to me perfectly 7
If someone does me a favor, I am prepared to return it.	○	○	○	○	○	○	○
I go out of my way to help somebody who has been kind to me before.	○	○	○	○	○	○	○
I am ready to undergo personal costs to help somebody who has helped me before.	○	○	○	○	○	○	○
If I suffer a serious wrong, I will take revenge as soon as possible, no matter what the costs.	○	○	○	○	○	○	○
If somebody puts me in a difficult position, I will do the same to them.	○	○	○	○	○	○	○
If somebody offends me, I will offend them back.	○	○	○	○	○	○	○

Below are some statements that someone might use to try to describe you. Probably some of the statements will describe you not very well, whereas others will describe you better. Please select a number beside each statement to show how well it describes you. For example, if the statement doesn't describe you at all, then select 1. If the statement describes you very well, then select 4. If you are undecided between two possible answers, you can circle the number in between (1½, 2½, 3½, 4½).

	Doesn't describe me at all 1	1½	Describes me a little 2	2½	Describes me moderately 3	3½	Describes me very well 4	4½	Describes me exactly 5
You behave in the same way even when you are with different people.	○	○	○	○	○	○	○	○	○
You prefer to ask other people for help rather than rely only on yourself.	○	○	○	○	○	○	○	○	○
You value good relations with the people close you to more than your personal achievements.	○	○	○	○	○	○	○	○	○
You behave differently when you are with different people.	○	○	○	○	○	○	○	○	○
You like being different from other people.	○	○	○	○	○	○	○	○	○
You protect your own interests, even if it might sometimes disrupt your family relationships.	○	○	○	○	○	○	○	○	○
You show your true feelings even if it disturbs the harmony in your family.	○	○	○	○	○	○	○	○	○
Your happiness is unrelated to the happiness of your family.	○	○	○	○	○	○	○	○	○
Someone could understand who you are without needing to know about	○	○	○	○	○	○	○	○	○

	Doesn't describe me at all 1	1½	Describes me a little 2	2½	Describes me moderately 3	3½	Describes me very well 4	4½	Describes me exactly 5
your place of origin.									
If someone wants to understand who you are, they would need to know about your place of origin.	○	○	○	○	○	○	○	○	○
If someone in your family achieves something, you feel proud as if you had achieved something yourself.	○	○	○	○	○	○	○	○	○
You usually ask your family for approval before making a decision.	○	○	○	○	○	○	○	○	○
You act very differently at home compared to how you act in public.	○	○	○	○	○	○	○	○	○
If a close friend or family member is sad, you feel the sadness as if it were your own.	○	○	○	○	○	○	○	○	○
You prefer to rely completely on yourself rather than depend on others.	○	○	○	○	○	○	○	○	○
You usually do what people expect of you, rather than decide for yourself what to do.	○	○	○	○	○	○	○	○	○

	Doesn't describe me at all 1	1½	Describes me a little 2	2½	Describes me moderately 3	3½	Describes me very well 4	4½	Describes me exactly 5
You prefer to express your thoughts and feelings openly, even if it may sometimes cause conflict.	○	○	○	○	○	○	○	○	○
If someone wants to understand who you are, they would need to know which social groups you belong to.	○	○	○	○	○	○	○	○	○
You would rather be the same as others than be different.	○	○	○	○	○	○	○	○	○
You try to adapt to people around you, even if it means hiding your feelings.	○	○	○	○	○	○	○	○	○
You decide for yourself what goals to pursue even if they are very different from what your family would expect.	○	○	○	○	○	○	○	○	○
You see yourself as unique and different from others.	○	○	○	○	○	○	○	○	○
You try to avoid being reliant on others.	○	○	○	○	○	○	○	○	○
Your own success is very important to you, even if it disrupts your friendships.	○	○	○	○	○	○	○	○	○

Dictator game

Now we would like to ask you to make decisions in a series of tasks. You will be playing for Monetary Units (MU), a fictional currency that gauges how well you are doing at the decision-making task. These Monetary Units are meaningful in the context of the experiment, but have no value in the real world.

In each task, we will randomly match you with another participant. You don't have to wait for the other participant to make your decisions. Your responses will be matched at the end of the session. Your decisions are anonymous.

In this task you will be matched with a randomly selected participant. One of you will divide 10 Monetary Units between the two of you. You will be randomly assigned to one of the two roles: the Giver or the Receiver.

The Giver will decide how the 10 Monetary Units will be divided between you two. The Giver can distribute these points in any way they want.

The Receiver has no say in the decision of the Giver. The Receiver will get as many Monetary Units as the Giver decided to give them.

Examples:

1. If the **Giver** sends **0 MU** to the Receiver

The Giver earns: **10 MU**
The Receiver earns: **0 MU**

2. If the **Giver** sends 5 MU to the Receiver

The Giver earns: **5 MU**
The Receiver earns: **5 MU**

Comprehension questions:

1. Suppose the **Giver** decides to send **0 MU** to the **Receiver**.
How many points does each person then earn?

- ○ Giver: 0 MU; Receiver: 0 MU
- ○ Giver: 10 MU; Receiver: 0 MU
- ○ Giver: 5 MU; Receiver: 0 MU

2. Suppose the **Giver** decides to send **6 MU** to the **Receiver**.
How many points does each person then earn?

- ○ Giver: 0 MU; Receiver: 6 MU
- ○ Giver: 10 MU; Receiver: 6 MU
- ○ Giver: 4 MU; Receiver: 6 MU

You are in the role of the **Giver**. Now it's time to make your decision!

You must decide how many Monetary Units (MU) to send to the **Receiver** and how many Monetary Units to keep for yourself. We remind you that the Monetary Units can be distributed in any way you want and the Receiver has no control over your decision.

Please choose how many Monetary Units, if any, you want to send to the Receiver?

0	1	2	3	4	5	6	7	8	9	10
○	○	○	○	○	○	○	○	○	○	○

Ultimatum

In this task, you will be matched with a **new participant**. One of you will divide 10 Monetary Units between the two of you. You will first be in the role of the Receiver and then in the role of the Proposer. **You will be matched with the same person for the next round of this decision-making task.**

The Proposer will decide how the 10 Monetary Units will be divided between you two.

The Receiver will then choose to either accept or reject the proposal.

If the Receiver chooses to accept the proposal, you will both receive Monetary Units in accordance with the Proposer's decision.

If the Receiver chooses to reject the proposal, neither of you will receive any Monetary Units.

Examples:

1. If the Proposer sends 0 MU to the Receiver and the Receiver **rejects** the offer

The Proposer earns: **0 MU**
The Receiver earns: **0 MU**

2. If the Proposer sends 5 MU to the Receiver and the Receiver **accepts** the offer

The Proposer earns: **5 MU**
The Receiver earns: **5 MU**

Comprehension questions:

1. Suppose the **Proposer** decides to send 6 MU to the **Receiver** and the **Receiver rejects** the proposal. How many points does each person then earn?

- ○ Proposer 0 MU; Receiver 0 MU
- ○ Proposer 10 MU; Receiver 0 MU
- ○ Proposer 4 MU; Receiver 0 MU

2. Suppose the **Proposer** decides to send 6 MU to the **Receiver** and the **Receiver accepts** the proposal. How many points does each person then earn?

- ○ Proposer 0 MU; Receiver 6 MU
- ○ Proposer 10 MU; Receiver 6 MU
- ○ Proposer 4 MU; Receiver 6 MU

Now you are in the role of the **Receiver**. It's time to make your decision!

Please review the options listed below. For each possible number of Monetary Units (0-10), consider whether to accept or reject the Proposer's proposal.

Please make your decisions on the following proposals:

	I accept	I reject
The Proposer sent you 0 MU	○	○
The Proposer sent you 1 MU	○	○
The Proposer sent you 2 MU	○	○
The Proposer sent you 3 MU	○	○
The Proposer sent you 4 MU	○	○
The Proposer sent you 5 MU	○	○
The Proposer sent you 6 MU	○	○
The Proposer sent you 7 MU	○	○
The Proposer sent you 8 MU	○	○
The Proposer sent you 9 MU	○	○
The Proposer sent you 10 MU	○	○

Now you are in the role of the **Proposer**. It's time to make your decision!

Remember that you are playing with the **same person as before**. Please decide how many Monetary Units you would want to propose to the other person for each possible number of Monetary Units they could have sent to you in the first round.

	0	1	2	3	4	5	6	7	8	9	10
If they proposed 0 MU before, I would propose	○	○	○	○	○	○	○	○	○	○	○
If they proposed 1 MU before, I would propose	○	○	○	○	○	○	○	○	○	○	○

	0	1	2	3	4	5	6	7	8	9	10
If they proposed 2 MU before, I would propose	O	O	O	O	O	O	O	O	O	O	O
If they proposed 3 MU before, I would propose	O	O	O	O	O	O	O	O	O	O	O
If they proposed 4 MU before, I would propose	O	O	O	O	O	O	O	O	O	O	O
If they proposed 5 MU before, I would propose	O	O	O	O	O	O	O	O	O	O	O
If they proposed 6 MU before, I would propose	O	O	O	O	O	O	O	O	O	O	O
If they proposed 7 MU before, I would propose	O	O	O	O	O	O	O	O	O	O	O
If they proposed 8 MU before, I would propose	O	O	O	O	O	O	O	O	O	O	O
If they proposed 9 MU before, I would propose	O	O	O	O	O	O	O	O	O	O	O
If they proposed 10 MU before, I would propose	O	O	O	O	O	O	O	O	O	O	O

Do you think the other person would accept or reject your proposal if you proposed:

	The other person would accept	The other person would reject
0 MU	O	O
1 MU	O	O
2 MU	O	O
3 MU	O	O
4 MU	O	O
5 MU	O	O
6 MU	O	O
7 MU	O	O
8 MU	O	O
9 MU	O	O
10 MU	O	O

End

Thank you for taking part in this study!

If you have any questions, please contact us either via Prolific or by email [redacted]

Please click "Next" to be redirected back to Prolific.

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