

consent

Participation is voluntary

It is your choice whether or not to participate in this research. If you choose to participate, you may change your mind and leave the study at any time. Refusal to participate or stopping your participation will involve no penalty or loss of benefits to which you are otherwise entitled.

What is the purpose of this research?

The purpose of this research is to examine human visual performance and judgments. All data from this experiment are gathered for scientific purposes and will contribute to our eventual understanding of brain and visual function. These data may be published in scientific journals so that other researchers may have access to these data.

How long will I take part in this research?

Your participation will take approximately 5 minutes to complete.

What can I expect if I take part in this research?

As a participant, you will be asked to look at images presented on a video display and give responses with key presses or movements of a mouse pointing device. Your response may involve responding as quickly as you can, memorizing what you saw, making a judgment, or completing a questionnaire. You will also be asked to complete a demographics form.

What are the risks and possible discomforts? If you choose to participate, the effects should be comparable to those you would experience from viewing a computer monitor for 5 minutes and using a mouse or keyboard, e.g., eye fatigue. You are free to take breaks throughout the session. Some of the images and stories are mildly emotional, and some of the written stories are disgust-inducing.

Will I be compensated for participating in this research?

You will be compensated \$1 for this study. You will still receive payment if you withdraw early.

If I take part in this research, how will my privacy be protected? What happens to the information you collect?

Your participation in this experiment will remain confidential,

and your identity will not be stored with your data.

If I have any questions, concerns or complaints about this research study, who can I talk to?

The researcher for this study is Julian De Freitas who can be reached at 626.559.6401; #161 Morgan Hall, 15 Harvard Way, Boston MA, 02163; jdefreitas@hbs.edu. If you have questions, concerns, or complaints, If you would like to talk to the research team, If you think the research has harmed you, or If you wish to withdraw from the study.

This research has been reviewed by the Committee on the Use of Human Subjects in Research at Harvard University. They can be reached at 617-496-2847, 1350 Massachusetts Avenue, Suite 935, Cambridge, MA 02138, or cuhs@harvard.edu for any of the following: If your questions, concerns, or complaints are not being answered by the research team, If you cannot reach the research team, If you want to talk to someone besides the research team, or If you have questions about your rights as a research participant.

Do you consent?

☐ Yes

☐ No

attention

**This is an attention check. John is taller than Paul.
Who is shorter?**

- ☐ Paul
- ☐ Neither John nor Paul
- ☐ Both John and Paul

What color is grass?

The fresh, uncut grass, not leaves or hay. Please make sure to select purple, so that we know you're paying attention.

- ☐ Green
- ☐ Purple

fail_attention

You failed one of the attention checks. Unfortunately this means you are not eligible for this survey. Thank you for participating!

scenario

Now please carefully read this scenario, and answer the questions that follow:

The year is 2450 and human civilization has advanced so far that we could barely comprehend it. You are currently at your home. Your friend is 5 miles north of your house. Your relative is 5 miles south of your house.

You enter the Quantum Teletransporter in your house. Then you press the button. In an instant, the quantum device scans your body and records the exact state of all your cells and brain states.

Instantly, the information travels through an information wormhole to your friend's house and your relative's house, where it is perfectly reconstituted in physical form. Instantly, a person steps out of the Teletransporter in your friend's

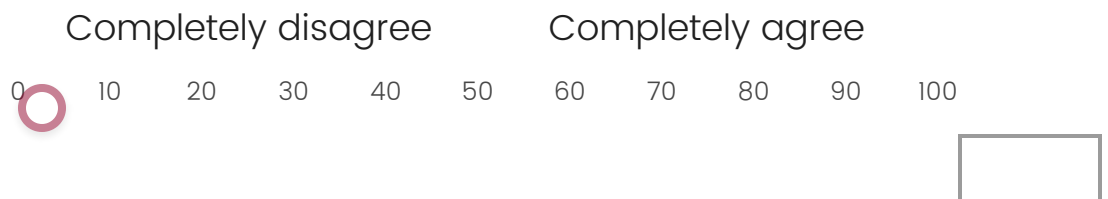
house. Your friend is cooking.

Simultaneously a person steps out of the Teletransporter in your relative's house. Your relative is sweeping.

Your house is now empty.

Please rate the extent to which you agree with the following statement:

At the end of the story, I exist at both houses at the same time.



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Instantly, the information travels through an information wormhole to your friend's house and your relative's house, where it is perfectly reconstituted in physical form. Instantly, a person steps out of the Teletransporter in your friend's house. Your friend is cooking.

Simultaneously a person steps out of the Teletransporter in your relative's house. Your relative is sweeping. Your house is now empty.

Now, please take a second to imagine being at your friend and relative's house simultaneously.

Imagine experiencing both houses simultaneously: what do you see, hear, and smell? We will give you two minutes to do this.

Now, while continuing to imagine yourself in both houses simultaneously, please write down what you see.

Now, while continuing to imagine yourself in both houses simultaneously, please write down what you hear.

Now, while continuing to imagine yourself in both houses simultaneously, please write down what you smell.

Now, please reflect on your response.

Which of the following images best captures what you were able to imagine?

☐ Two consciousnesses

Two consciousnesses



You felt that you were two consciousnesses seeing the world at the same time.

☐ Single consciousness, flipping

Single consciousness, flipping



You felt that you were a single consciousness flipping back and forth between seeing the world from A and B.

- ☐ Single consciousness, simultaneous

Single consciousness, simultaneous



You

You felt that you were a single consciousness seeing a single superimposed version of the two scenes.

- ☐ Single consciousness, split screen

Single consciousness, split screen

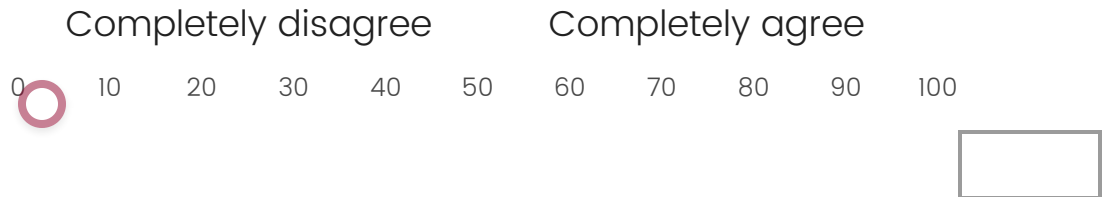


You

You felt that you were a single consciousness outside of the two scenes, seeing the two scenes side-by-side, like a split-screen.

Now, please rate the extent to which you agree with the following statement:

At the end of the story, I exist at both houses at the same time.



comp

In the story, you considered a scenario involving:

- ☐ Plane travel
- ☐ Teletransportation
- ☐ Farming

demographic

What is your gender?

- ☐ Male

- ☐ Female
- ☐ Prefer not to disclose
- ☐ Other (please specify)

What is your ethnicity?

- ☐ Black or African American
- ☐ Asian
- ☐ White or European
- ☐ Hispanic or Latino
- ☐ Mixed
- ☐ Prefer Not to Say
- ☐ Other (please specify)

What is your age (in years)?

Please indicate the highest level of education completed.

- ☐ High School or Equivalent
- ☐ Vocational/Technical School (2 year)
- ☐ Some College
- ☐ College Graduate (4 year)
- ☐ Masters Degree (MS)
- ☐ Doctoral Degree (PhD)
- ☐ Professional Degree (MD, JD, etc.)
- ☐ Other (please specify)

Please enter your mTurk worker ID:

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