



CONSENT TO TAKE PART IN A RESEARCH STUDY

Consent Form

STUDY TITLE: Testing the influence of stored knowledge on the perception of depth

This consent form is part of an informed consent process for a research study and it will give information that will help you to decide whether you wish to volunteer for this research study. It will help you to understand what the study is about and what will happen in the course of the study.

Should you need any further information, please feel to contact the administrators of the experiment, and should expect to be given answers that you completely understand.

After all of your questions have been answered, if you still wish to take part in the study, you will be asked to confirm your consent by clicking the “I agree” button on the HIT (Amazon Human Intelligence Task) window. You are free to print a copy of the consent form to keep.

You are not giving up any of your legal rights by volunteering for this research study or by agreeing to this consent form.

The Laboratory of Vision Research at Rutgers-University, Center for Cognitive Sciences (RUCCS) is the carrying out this research. The funding for this research comes from internal research funds. More specifically, the funds are available to the Laboratory of Vision Research, as well as to Thomas V. Pappas the Director of the Laboratory of Vision Research at the Center for Cognitive Science (RuCCS), who will be paying for all aspects of this study, including equipment, software and other resources.

The principal investigator is interested in finding out if you can fully understand the information you are being given. You need to fully understand the information before you can give your informed consent to enter into this research study.

The research staff member’s assessment of your ability to give your informed consent applies only to your volunteering for this research study. It is not an assessment of your ability to make decisions for other purposes, such as making financial, legal, and medical decisions.

You also have the right to say “Yes” or “No” to taking part in this research study. If you agree to enter the study, you may choose to stop participating at any time by closing the HIT window. However, payment will only be issued upon successful completion of the entire experiment.

Why is this study being done?





The overall purpose of this research is to help us understand the data-driven processes in human cognitive vision by examining the relative strengths of various three-dimensional depth inversion illusions.

Who may take part in this study?

There are no restrictions on this study. All ages and genders are welcome to participate.

How long will the study take and how many subjects will participate?

The study will run until 100 participants have completed the experiment in its entirety.

What will you be asked to do if you take part in this research study?

The study will take place entirely through the Amazon Mechanical Turk HIT.

The study will take place over the course of 1 session that consists of two parts. You may take a break at any point during the experiment. They are as follows:

- 1) **Part 1:** You will be asked to pick between two dots, one red and one green, and will be given feedback based upon whether you picked the correct or incorrect dot. Your task is to determine the rule that determines the correct dot using only this feedback over several trials. Part 1 will end either when you select the correct dot 8 times in a row, or complete 65 trials.
- 2) **Part 2:** In this part of the study, you will be given the rule for the correct dot and will be asked to use this information to select the correct dot. Part 2 consists of 32 trials, without feedback, regardless of your performance.

What are the risks and/or discomforts you might experience if you take part in this study?

There are no risks in taking part in this experiment. Some people find the computer tasks boring or tiring. If so, you may take breaks as often as you like.

Are there any benefits for you if you choose to take part in this research study?

Although your participation may help us learn more about human visual perception, you will receive no direct benefit from taking part in this study.

What are your alternatives if you don't want to take part in this study?



You may choose not to participate in this study or any other.

Will you be paid to take part in this study?

You will receive \$4.00 upon completion of the experiment through the Amazon Mechanical Turk platform.

Your total earning for this study will be \$4.00.

How will information about you be kept private or confidential?

All collected data will be initially associated with your Mechanical Turk username only. Once the data has been received by the laboratory team it will be coded with a number (e.g. Subject #1) and your username deleted from the data. No personal information will be requested or collected.

What will happen if you do not wish to take part in the study or if you later decide not to stay in the study?

You may choose not to be in the study. If you do choose to take part, it is voluntary. You may refuse to take part or may change your mind at any time.

If you decide to withdraw from the study, at any time, all data that you have provided will be excluded from the study. That is, when the results of the study are analyzed, none of your results will be included. Moreover, all electronic data you have provided will be destroyed at the end of the study.

You may also withdraw your consent for the use of your data, but you must do this in writing to:

*Thomas V. Papathomas, Ph.D.
Principal Investigator, Director
Laboratory of Vision Research
152 Frelinghuysen Road
Piscataway, New Jersey 08854*

Who can you call if you have any questions?

If you have any questions about taking part in this study, you can call the principal investigator or study coordinator:

Thomas V. Papathomas, Ph.D.
Principal Investigator – Director
Laboratory of Vision Research
848-445-6533

Attila J. Farkas, Ph.D.
Co-Investigator and Study Coordinator
Laboratory of Vision Research
732-445-6660

If you have any questions about your rights as a research subject, you can call:

IRB Director
(732)-235-9806 New Brunswick/Piscataway

What are your rights if you decide to take part in this research study?

You have the right to pause and ask questions about any part of the study at any time. If you do not have any questions, you are free to sign the form at any time.

If you have any questions, you should not agree to this form unless you have had a chance to ask questions and have been given satisfactory answers to all of your questions.

Are you sure that you understood the information in this consent form?

Below are a few questions to ensure that you understood this document. Please try to answer them to the best of your ability.

Question: What is the overall purpose of the study?

Answer: To examine the relative strengths of various illusions.

Question: What kind of discomfort might you feel during the experiments?

Answer: You may feel bored or tired.

Question: What happens if you decide to withdraw from the experiment?

Answers:

1. You may withdraw your consent at any time without penalty.
2. You will receive no payment for your time spent in the study.

AGREEMENT TO PARTICIPATE

I have read this entire form, or it has been read to me, and I believe that I understand what has been discussed. All of my questions about this form or this study have been answered. Please select “I agree” on the HIT window to consent to the experiment described above and continue with the study.

Alternatively, select “No thanks” or close the HIT window to decline the HIT.