

CONSENT FORM

Shape and Object Detection Study in Images

INTRODUCTION

The purposes of this form are to provide you (as a prospective research study participant) information that may affect your decision as to whether or not to participate in this research and to record the consent of those who agree to be involved in the study.

RESEARCHERS

Adolfo R. Escobedo, Assistant Professor, and Ryan Kemmer, Undergraduate Research Aide.

STUDY PURPOSE

The purpose of the research is to understand how independent visual screening judgments from multiple participants can be aggregated to perform challenging shape and object detection tasks.

DESCRIPTION OF RESEARCH STUDY

If you decide to participate, you will join a study funded by the Department of Homeland Security. The study will begin once you proceed to start on Amazon Mechanical Turk. We will not ask your name or any other identifying information in this survey. For research purposes, an anonymous numeric code will be assigned to your responses. However, your Amazon MTurk worker ID number will be temporarily stored in order to pay you for your time; this data will be deleted as soon as it is reasonably possible. You have the option of making your personal information private by changing your MTurk settings through Amazon. In this study, you will be presented a question, which needs to first be read in its entirety. If you agree, click 'next' to start the survey. During this study, you will be using a computer interface to look at multiple images containing various shapes, colors, clutter, and other characteristics. You will be asked to determine whether the image contains specific shapes or objects using multiple modalities; these may include yes-or-no answers, degree of confidence in an answer, and coordinate image coordinate locations. We anticipate that this study will take approximately 5-8 minutes. Your participation is completely voluntary, and you may cease participation at any time.

INCLUSION CRITERIA

In order to participate in this study, you must be between 18 and 75 years of age, have the ability to communicate in English, have average or corrected-to-average vision, and have manual dexterity sufficient to operate a computer mouse and keyboard. Note, some training on shape and/or object detection in images will be provided.

RISKS

There are no known risks from taking part in this study, but as in any research, there is some possibility that you may be subject to risks that have not yet been identified. There are no foreseeable risks or discomforts to your participation.

BENEFITS

You may personally benefit by increasing your experience with research methodology in applied psychology and others may benefit more generally from the findings pertinent to and the methods of better detecting shapes and objects in images.

CONFIDENTIALITY

All information obtained in this study is strictly confidential. The results of this research study may be used in reports, presentations, and publications, but the researchers will not identify you. In order to maintain confidentiality of your records, Dr. Adolfo R. Escobedo will follow these procedures: (1) Each participant will be assigned a number; (2) The researchers will record any data collected during the study by number, not by name; (3) Any original data files will be stored in a secured location accessed only by authorized researchers.

WITHDRAWAL PRIVILEGE

Participation in this study is completely voluntary. It is ok for you to say no. Even if you say yes now, you are free to say no later, and withdraw from the study at any time. Your participation is voluntary and that nonparticipation or withdrawal from the study will not affect your employment status.

VOLUNTARY CONSENT

Any questions you have concerning the research study or your participation in the study, before or after your consent, can be answered by Adolfo R. Escobedo at adres@asu.edu.

If you have questions about your rights as a subject/participant in this research, or if you feel you have been placed at risk; you can contact the Chair of the Human Subjects Institutional Review Board, through the ASU Office of Research Integrity and Assurance, at 480-965-6788.

Participation in the study tasks will be considered your consent.