

**THE CHINESE UNIVERSITY OF HONG KONG Survey and Behavioural Research  
Ethics Consent Form**

***Study Title: Body-object interaction (BOI) word-pressure bisection task***

***Experimenter***

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***Research Supervisor***

Name: Professor Trevor Penney

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The research that you will be participating in today is part of a Chinese University of Hong Kong, Department of Psychology project jointly conducted by Professor Trevor Penney. The primary goal of this research study is to examine learning and memory for auditory stimuli.

In the experiment, auditory stimuli will be presented via computer and you will have to memorize or categorize these stimuli in some way. For example, you may hear a series of English vocabulary. You will be asked to remember the word and the accompanying information so that you can identify them accordingly. This session will last about 60 minutes.

Your participation in this research is entirely voluntary. You may withdraw from participation at any time without penalty. In this case, you will be credited for the duration of time you have participated. You may ask the experimenter to discard your data.

All information obtained in the course of this experiment will be used for research purposes only; it will be protected and kept confidential by the researchers of this project and not be shared with a third party unless forced by law.

You will be debriefed in more detail about the project goals once you have finished the experiment Yiu Chung WONG ([1155017920@link.cuhk.edu.hk](mailto:1155017920@link.cuhk.edu.hk)) or Chu Sai Ting, Ryan (ryancst@link.cuhk.edu.hk). If you have further questions, please address them to the experimenter or call Professor Trevor Penney (penney@cuhk.edu.hk).

My signature below indicates that I have read the above description and voluntarily consent to participate in this research. I understand that I will require the signature of a parent if I am younger than 18 years.

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Participant name

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Student Number

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Participant signature

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Date

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Parental signature  
(For participants below the age of 18 years.)

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Date

## ***Body-object interaction (BOI) word-pressure bisection task***

### **Debriefing Information**

The present study aims to effects of body-object interaction (BOI) on semantic processing. BOI measures perceptions of the ease with which a human body can physically interact with a word's referent. BOI effects were examined in 2 semantic categorization tasks (SCT) in which participants decided if representation are easily interactable. Responses are theorised to be faster and more accurate for high BOI words (e.g., ball) than for low BOI words (e.g., river). Unfortunately, existing research only paid attention to response timing carefully but ignored the importance of response pressure applied over times.

In the present study we used a simple audio task to examine the conditions under which word concreteness facilitate BOI perceptiveness. Words are dived into two groups: Concrete (e.g. computer, house) and Abstract (beauty, software). Abstract words are further divided into BOI words (e.g., ball) than for low BOI words (e.g., river). We hypothesized words that are high in BOI will result not only in a quicker response but greater pressure applied indicating a more affirmative response.

If you have any further questions about this project, please feel free to contact the experimenter, Yiu Chung WONG (1155017920@link.cuhk.edu.hk), or Chu Sai Ting, Ryan (ryancst@link.cuhk.edu.hk), or the corresponding research supervisor Trevor Penney (penney@cuhk.edu.hk).

# Department of Psychology, CUHK

## Subject Pool

### Ethic approval-supervisor endorsement

#### Notes

1. If you're a professor, professional consultant, lecturer or postdoctoral fellow in the department, supervisor endorsement is not needed.
2. If supervisor endorsement is needed, please fill out this form with your supervisor's signature, and merge this form, consent form and debriefing form into one file and submit to the research ethics committee in Sona system. You will receive an email when the committee has reviewed your application.


#### Study Information:

Study Title	<i>Body-object interaction (BOI) word-pressure bisection task</i>
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#### Researcher Information:

Name	Chu Sai Ting, Ryan
Email	ryancst@link.cuhk.edu.hk
Phone	6776 5072

#### Supervisor Endorsement:

I have reviewed the ethics forms and I endorse the researcher's application.	
Name of Supervisor	Trevor Penney
Signature	
Date	9-Dec-2019