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).