

Debriefing form

Thank you for completing this study!

The current study was about the sense of agency: the feeling of controlling your actions and being the cause of outcomes in the world. We measured this by asking you estimate the interval between your action and an outcome (i.e., the yellow square appearing). Shorter estimates are thought to index stronger sense of agency. The aim of this study was to see whether having other people perform the same or different action influence your sense of agency. To do so, we had 1-4 hands either make the same or different movement that you were instructed to do during the experiment. We expect that sense of agency should be stronger (shorter interval estimates) when the hands were performing the same action as you and that this effect will be stronger the more hands participate (perhaps due to implicitly feeling like you are a part of a larger group). In contrast, we expect that sense of agency should decrease (larger interval estimates) when the hands do not make the same movement and that this effect should be stronger with more hands. Note that there was one minor deception in the experiment: rather than the colour changing randomly between 1ms-1000ms, the colour only changed at 100ms, 400ms, and 700ms intervals. This was done to better control for your estimates. Given this deception, we ask you to re-consent to this experiment (you can do so at the end page of the experiment). You are also free to withdraw your data (you will still get your credit on SONA!) by answering "no" on the end page of the experiment.

Independent Variables: Number of Hands (1, 2, 3, 4), Hand Movements (Congruent, Incongruent).

Dependent Variables: Interval Estimates

You are fully entitled to receive feedback about the outcomes of this research. If you provided contact details on your consent form, you will be contacted with a concise report when the project is completed. If you decide later that you would like to receive this information, feel free to email the researcher. You may also contact the researcher if you have any further questions about the research (galangc@mcmaster.ca). This project was reviewed and cleared by the McMaster Research Ethics Board. If you any have concerns or questions about your rights as a participant or about the way the study is being conducted you can contact:

The McMaster Research Ethics Board Secretariat
Telephone: (905) 525-9140 ext. 23142
c/o Research Office for Administration, Development and Support (ROADS)
E-mail: ethicsoffice@mcmaster.ca

Thank you for your help with this research. Your participation is greatly appreciated!

Carl Michael Galang
Dr. Emiel Cracco
Dr. Marcel Brass
Dr. Sukhvinder Obhi