

PRESS SPACE WHEN DONE READING TO EXIT EXPERIMENT

1. What is the general aim of this research?

Thank you for agreeing to participate in this short study. The goal of the study is to examine how people learn to categorize visual stimuli.

2. Is this correlational or experimental research?

This is experimental research where you completed two testing conditions. One testing condition only categorized stimuli. The other condition switched between categorizing stimuli and responding to another feature of the stimuli (e.g., size). We are interested in seeing whether this *task-switching* leads to more variability in categorization responses. We are also interested in studying how these categorization decisions can be understood using mathematical models.

3. What topic in introductory psychology does this research illustrate?

Cognitive Psychology and Judgment and Decision Making.

4. Where can I learn more about this type of research?

For more information on this topic, please see:

Nosofsky, R. M. (1986). Attention, similarity, and the identification–categorization relationship. *Journal of Experimental psychology: General*, 115(1), 39.

5. Which faculty member is supervising this research and how can I contact her/him/them

If you have any other questions about the study, please contact Prof. Stephen Broomell (broomell@purdue.edu).

6. How long has the investigator been studying this topic and how does this study fit into the investigator's program of research?

Dr. Broomell has been studying mathematical models of decision making for over 15 years. This fits into research on the estimation of mathematical models.

A lot of research in psychology depends on the participation of individuals like yourself. We're very grateful for your help. Thank you very much for participating.