# **UC Merced**

# **Proceedings of the Annual Meeting of the Cognitive Science Society**

# **Title**

The Size of Thought: Estimations of Object Size Are Relative to the Body

# **Permalink**

https://escholarship.org/uc/item/1h39j9rc

# **Journal**

Proceedings of the Annual Meeting of the Cognitive Science Society, 36(36)

# **ISSN**

1069-7977

#### **Authors**

Luno, Jeremy A. Huette, Stephanie

# **Publication Date**

2014

Peer reviewed

# The Size of Thought: Estimations of Object Size Are Relative to the Body

# Jeremy A. Luno

University of Memphis: Institute for Intelligent Systems

#### **Stephanie Huette**

University of Memphis: Institute for Intelligent Systems

**Abstract:** Studies have shown that visual perception is pliable and that perceptual estimations can be affected by factors such as an individual's current eye height. It has been shown that perception of slope, distance, and height are subject to the influence of physiological and social variables. The studies conducted and outlined here investigated the impact of an individual's height on estimations of object size with both pictures and written words. Results presented here suggest a pattern opposite from those found in eye height studies, where an individual will instead estimate the size of an object as larger, the taller they are.