

Font Size and Presentation Rate's Influence on Participants' JOLs and Memory Performance

Katlyn Mullins, Michele Tjarks, Payne Winston, Matt May, Michael Huber, Michael Duthie, & Dr. Jodi Price, Dept. of Psychology

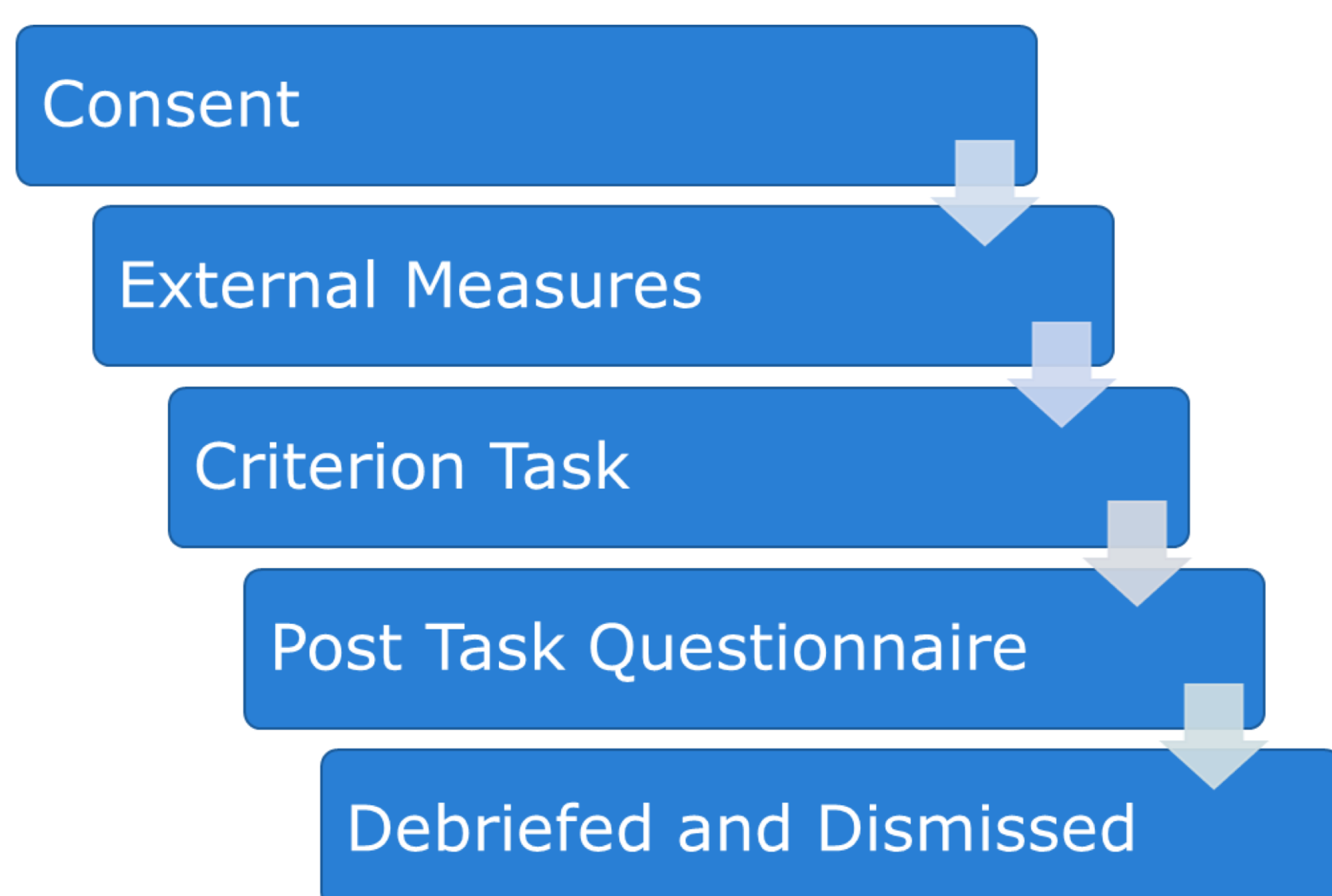
Overview

- Previous research has demonstrated:
 - Font size effect: higher judgments of learning (JOLs) are given to large font than small items, but there is no difference in memory performance between font sizes
 - Debate about whether fluency or beliefs contributes to the font size effect
- Current study's goals:
 - Tease apart arguments of fluency and beliefs

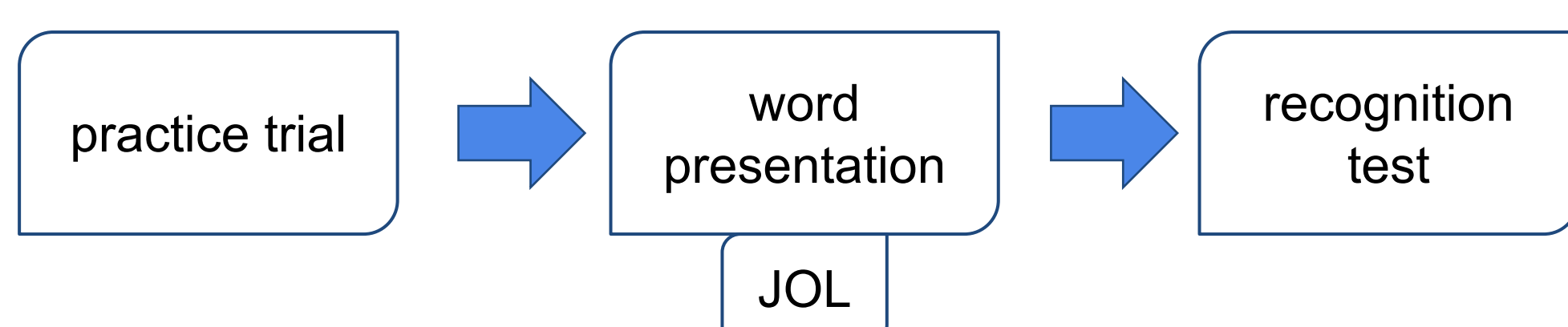
Hypotheses

- JOLs:
 - Small font < Large font
 - 250 ms < 1000 ms < 3000 ms
- Hit Rates (HRs):
 - Small font \geq Large font
 - 250 ms < 1000 ms < 3000 ms

Method

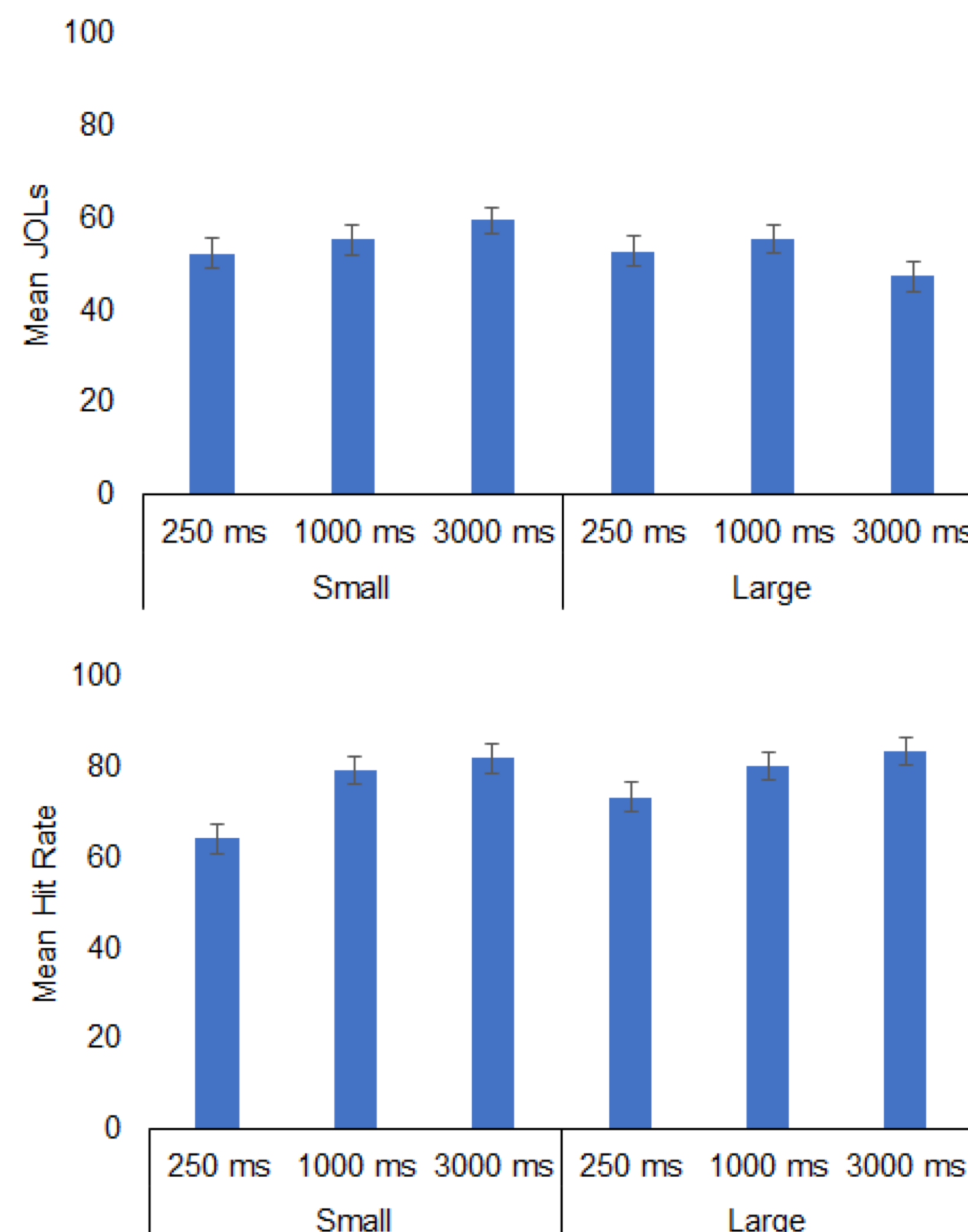


Trial Process



Font size examples: fork spider

Results



Key Findings

- JOLs:
 - Small font words followed predicted pattern
 - Large font words followed predicted pattern from 250 ms to 1000 ms
 - Mean JOLs were lowest for large font words at 3000 ms
- HRs:
 - Means HRs increased with font size
 - Highest for large font words and presentation rate of 3000 ms
- Presentation Rate:
 - Longer time = greater likelihood to remember
- Concluded that beliefs are responsible for font size effect
- Presentation rate can influence perception of fluency

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