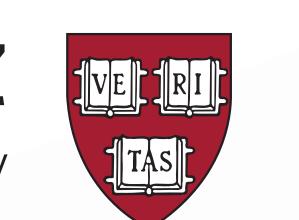
Visual working metamemory

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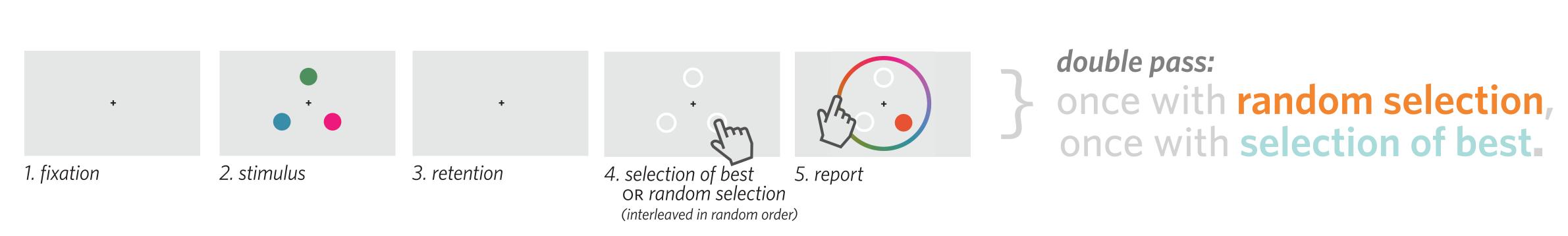
Department of Psychology, Harvard University

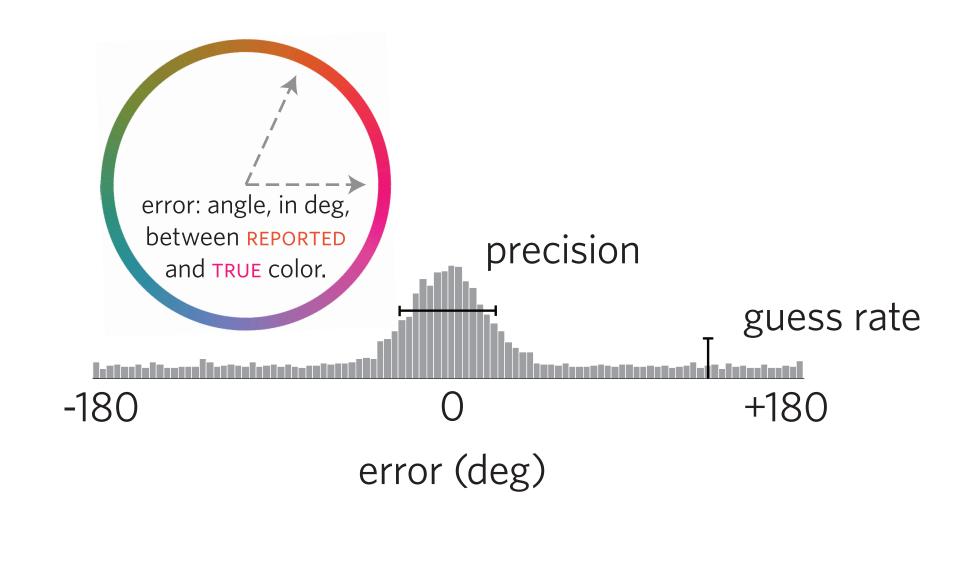


Metamemory is an awareness of the quality of one's own memories. Here, we ask whether participants have visual working metamemory.

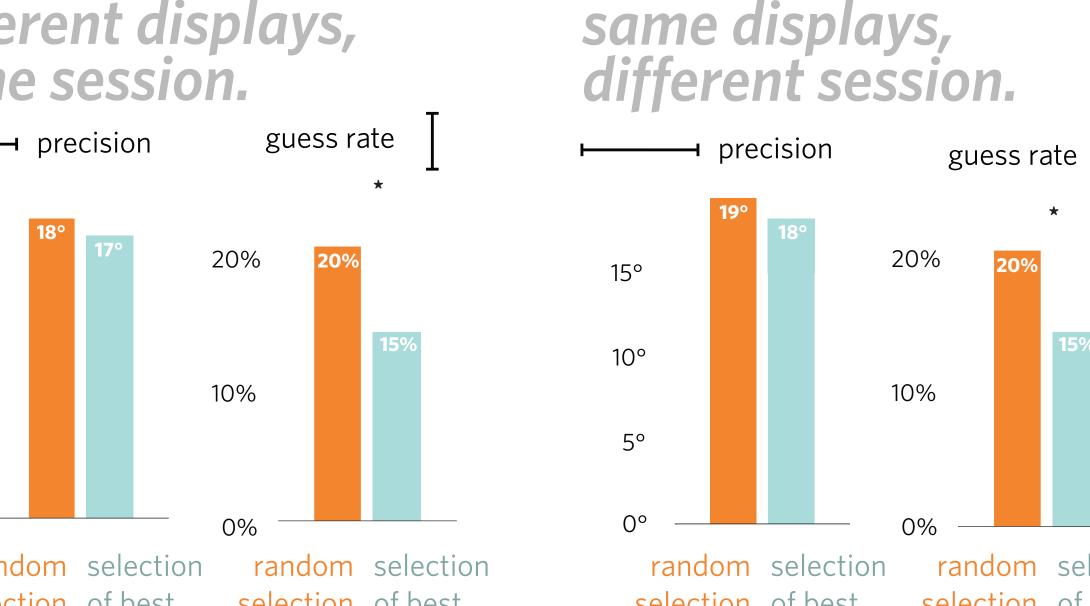
TASK ONE

A standard visual working memory task, where on half of the trials participants are given the opportunity to report the item they remember best.

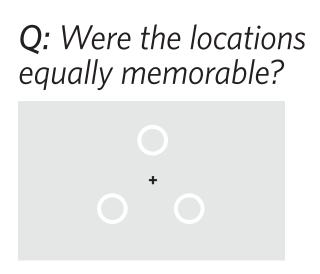




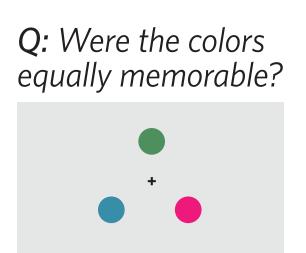
different displays, same session. 10° 10%







A: Yes. Performance does not differ much across the three locations (precision: 19.6°, 21.1°,



A: Yes. Performance does not differ much across 6 color bins (precision: 14.6°, 14.2°, 13.1°, 13.5°,

A: Perhaps not, but the double pass procedure makes this irrelevant because we're comparing across conditions for the same items on the same displays.

Q: Were the displays equally memorable?

A: No. On each trial, we asked participants to report all of the items from the display. We found indepdence of performance across items.

Q: Were there tradeoffs

during encoding?



Drawn arc size (deg)

(1) Visual working metamemory exists, (2) it reflects both the existence and the precision of the underlying memories, and (3) people can use it to guide their selection of information stored in memory, picking out the object they remember best. Grab a reprint ...

Drawn arc size (deg)