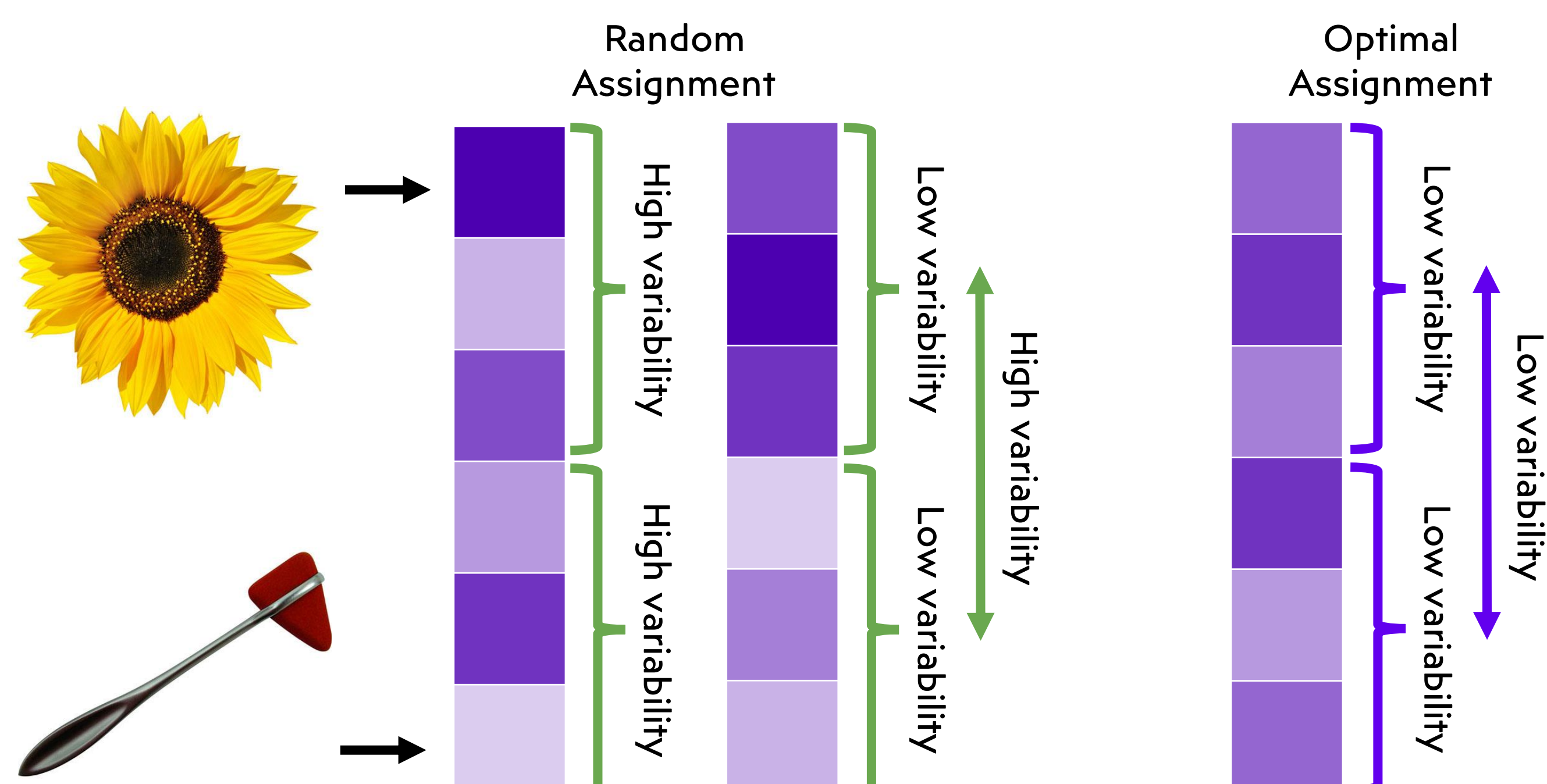


MINIMIZING STIMULUS VARIABILITY IN EPISODIC MEMORY TASKS: THE OBJECT MEMORABILITY IMAGE NORMED DATABASE SOFTWARE (O-MINDS)

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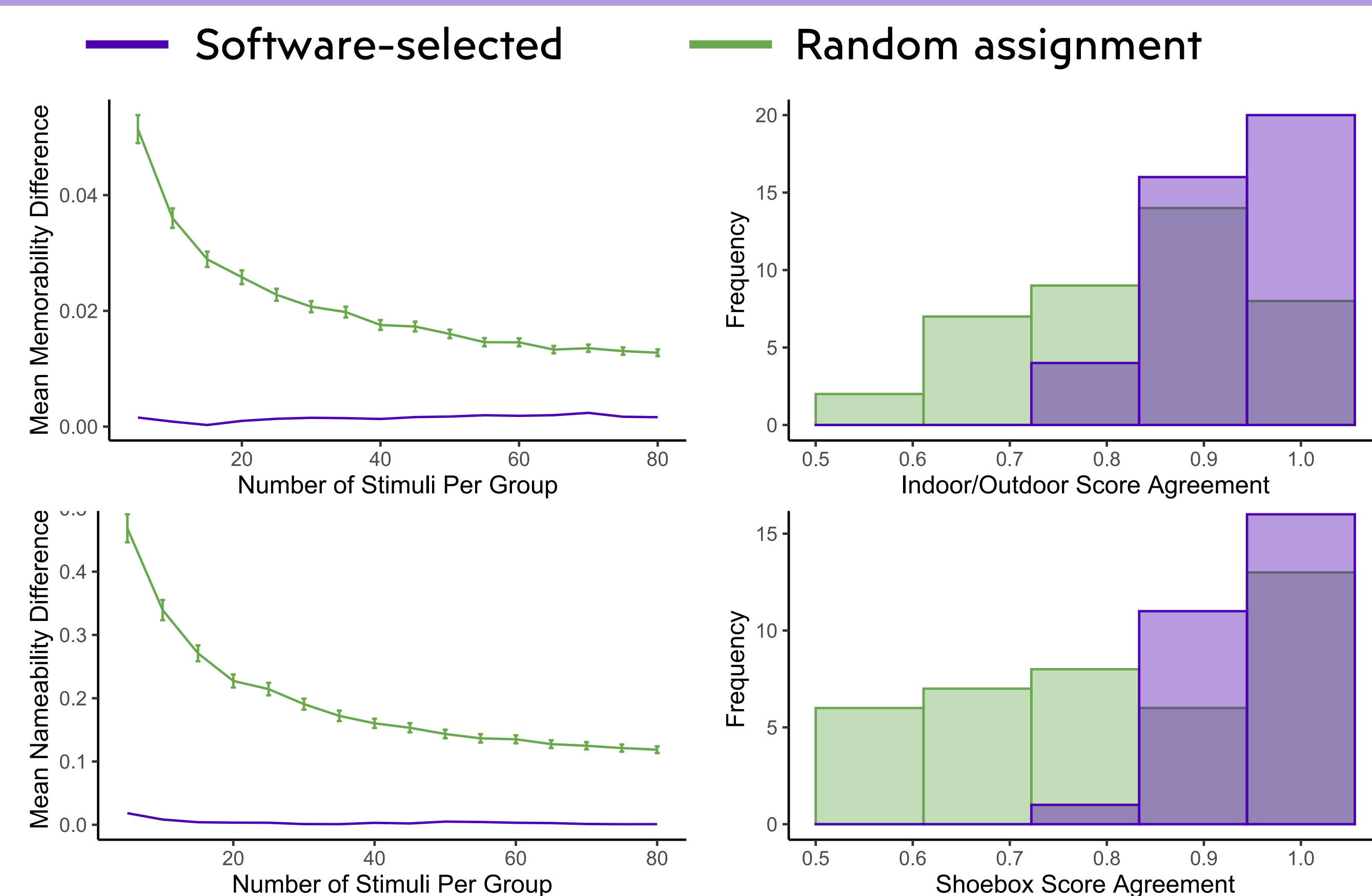
BACKGROUND



- Image memorability distorts subject memory performance^{1,2}
- Randomization and counterbalancing do not necessarily reduce stimulus effects
- Not yet any accessible tools for addressing image memorability

HOW CAN WE EASILY MINIMIZE THE EFFECTS OF STIMULUS MEMORABILITY?

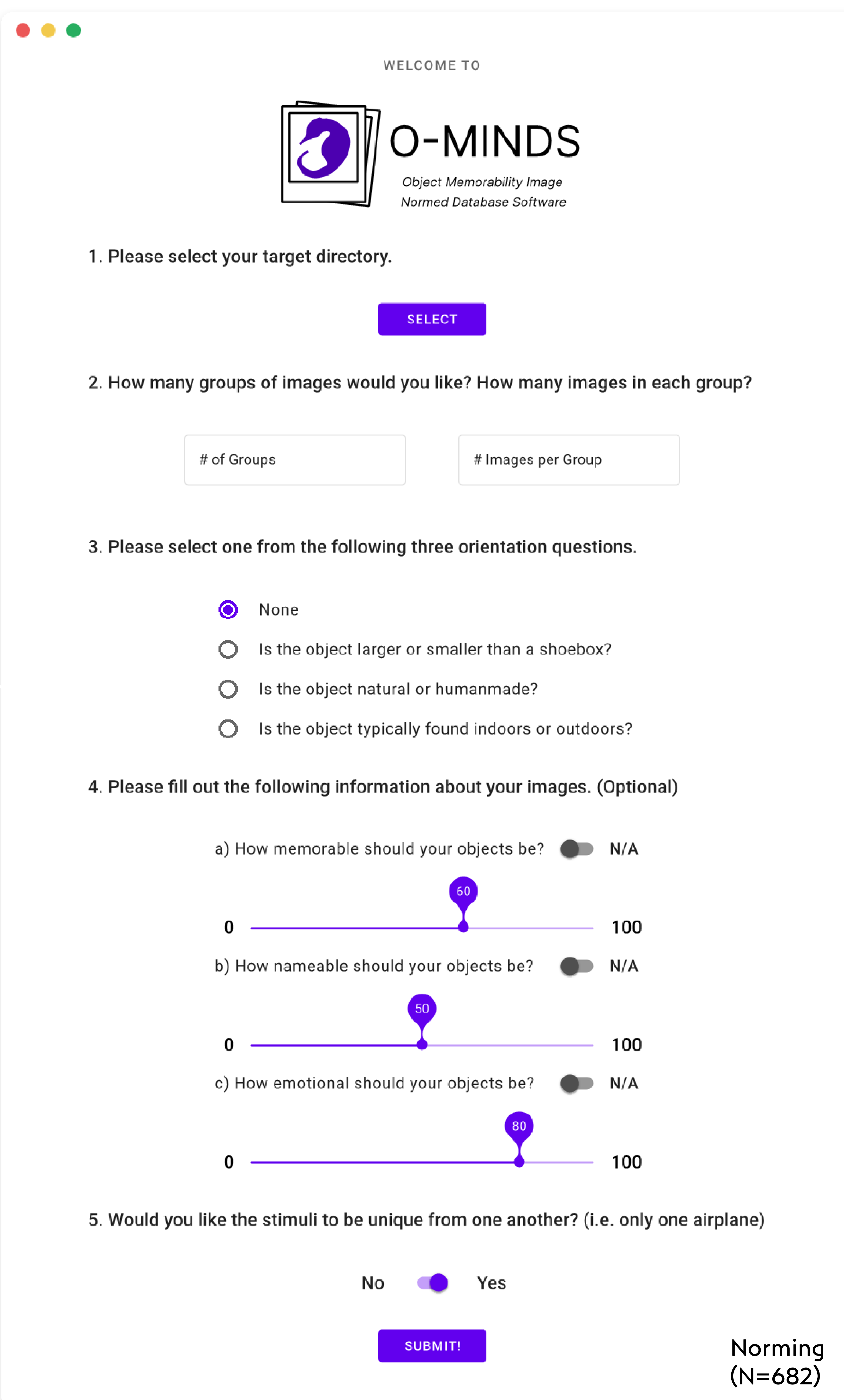
SOFTWARE-SELECTED CONSISTENCY



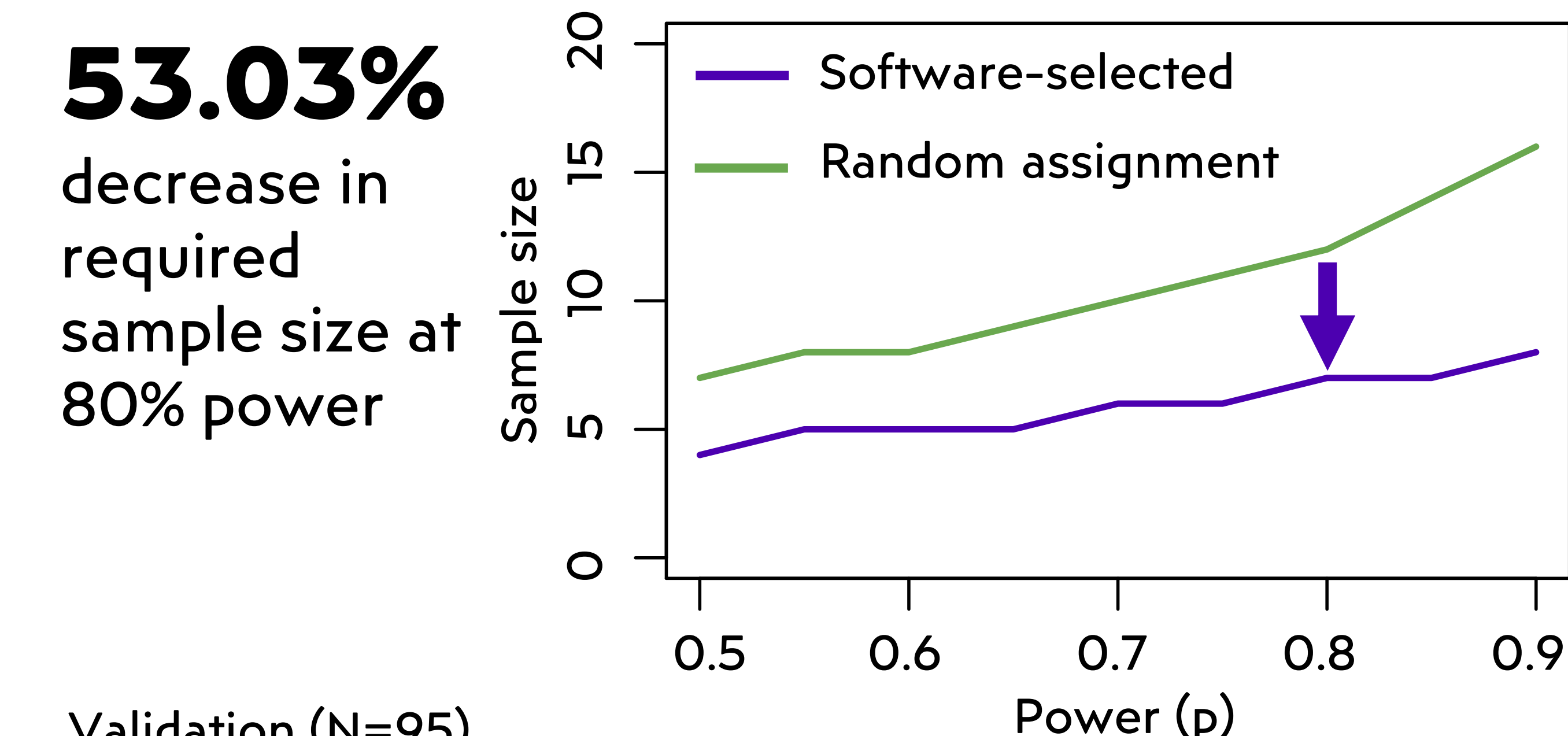
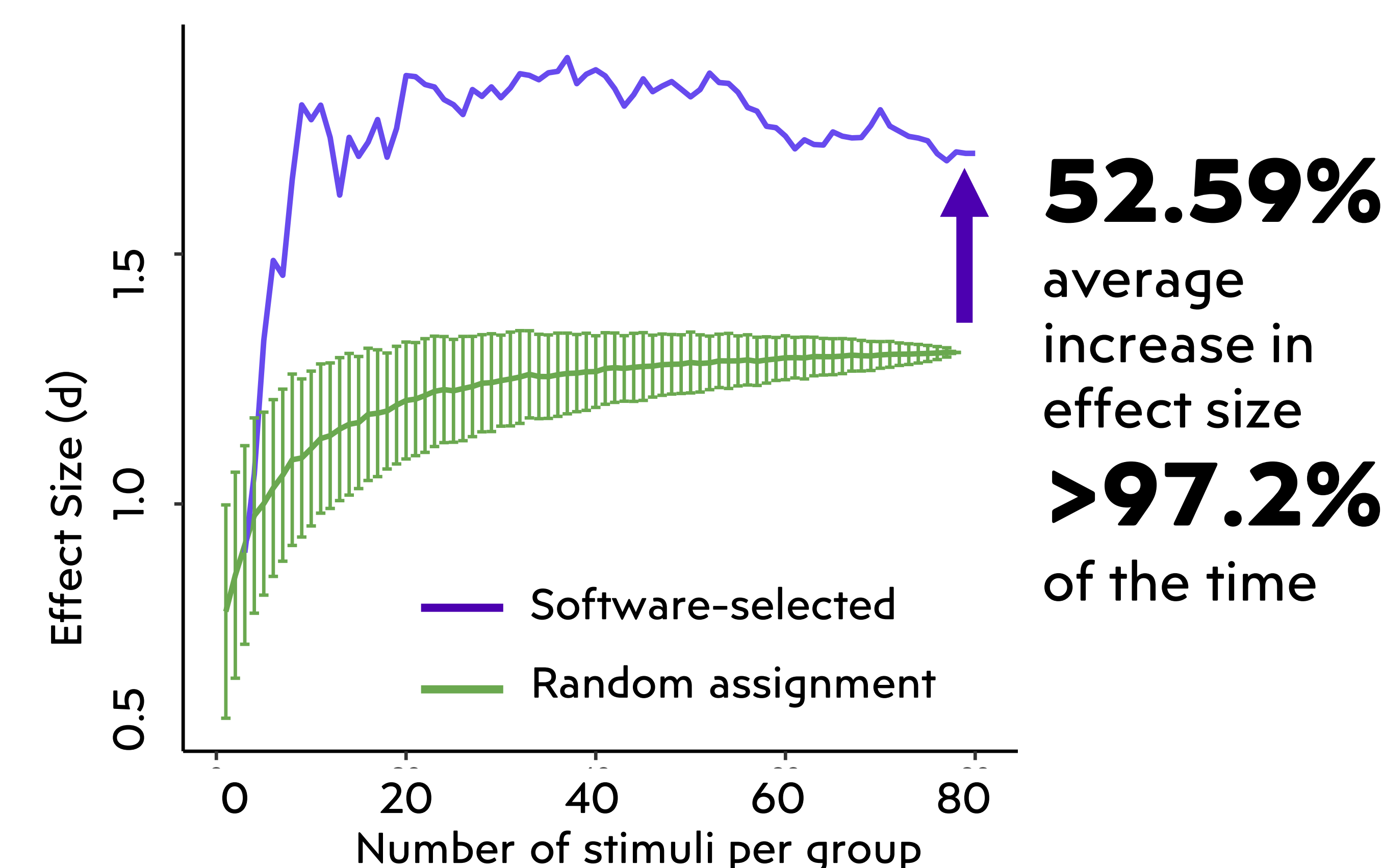
More consistent attribute scores across groups using O-MINDS

More consistent agreement in orientation questions using O-MINDS

O-MINDS FEATURES



INCREASED POWER



Validation (N=95)
 • 1 vs. 3 encoding exposures
 • Random counterbalanced vs. software-selected

CONCLUSION

- Stimulus effects have large consequences on memory performance, masking effects of experimental manipulations
- O-MINDS increases effect sizes, increasing the power to detect experimental effects

COME TRY OUT O-MINDS!

