

Juggling Two Guided Skills: An Investigation of Cognitive Flexibility in Pigeons

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An Investigation of Cognitive Flexibility in Pigeons

Cognitive flexibility: The ability to quickly adapt to changes in one's environment

❖ Measured through behavioral flexibility

Juggling skills: learning two skills at the same time

Practice Cues: set of internal cues used to accomplish a task in the absence of external cues

Method



Method

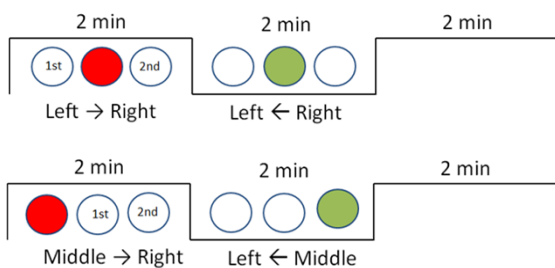
Experiment 1: Cue in the Middle (CIM)
4 pigeons learned
two guided skills:



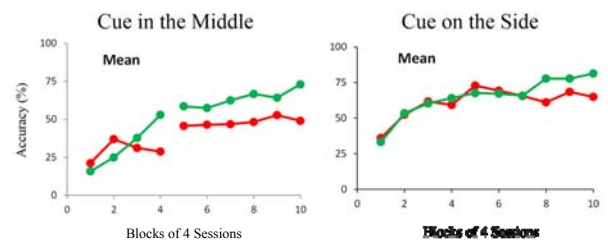
Experiment 2: Cue on the Side (COS)
4 pigeons learned
two guided skills:

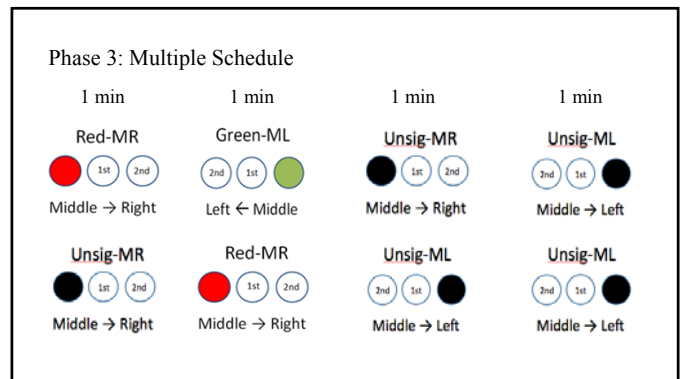
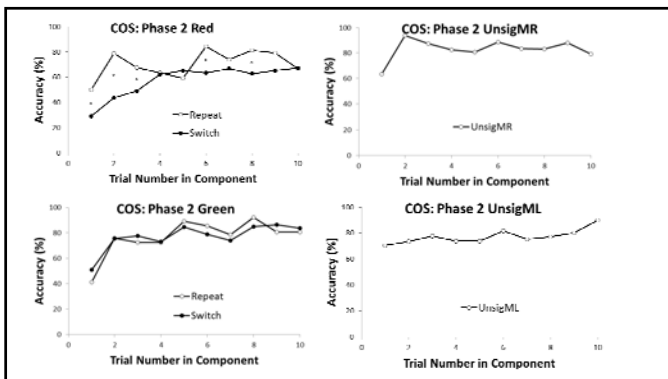
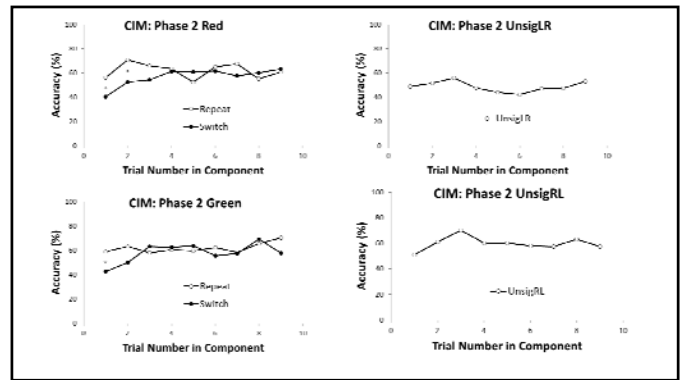
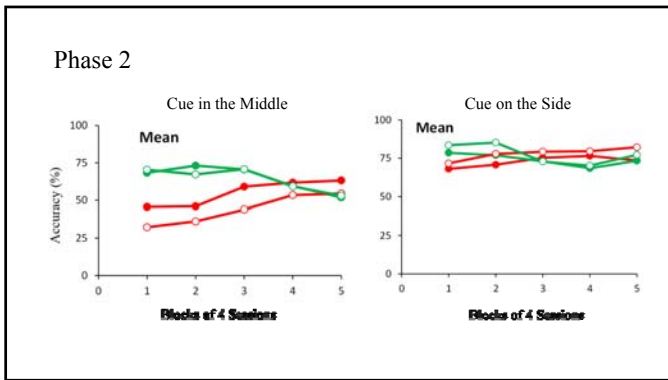
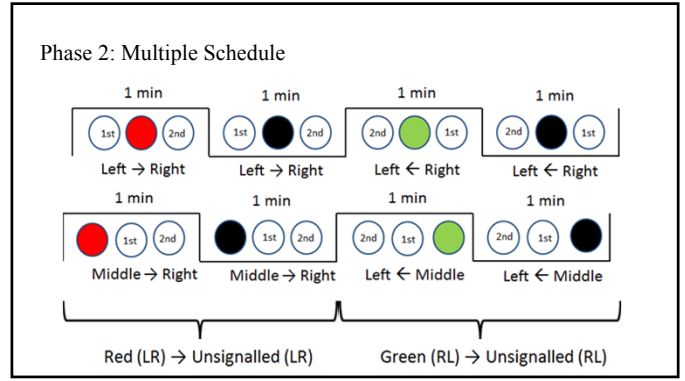
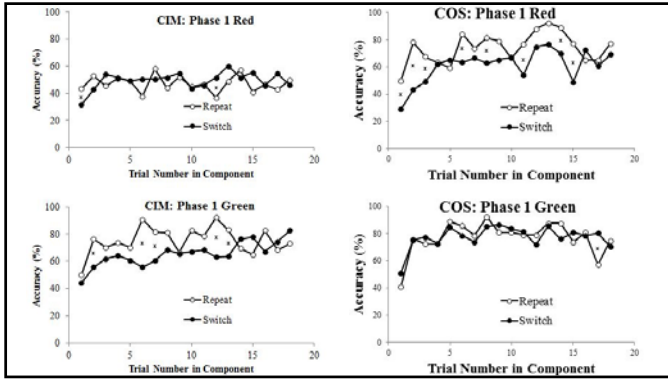


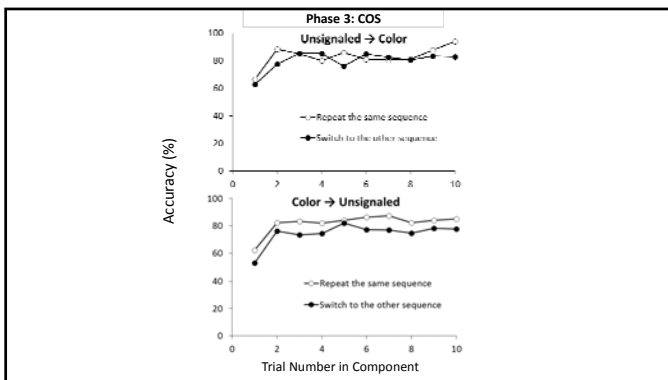
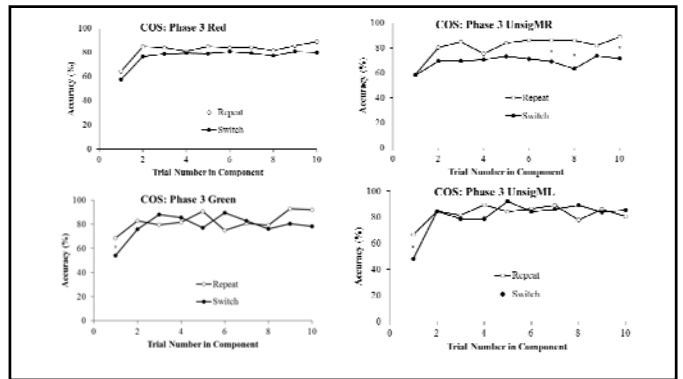
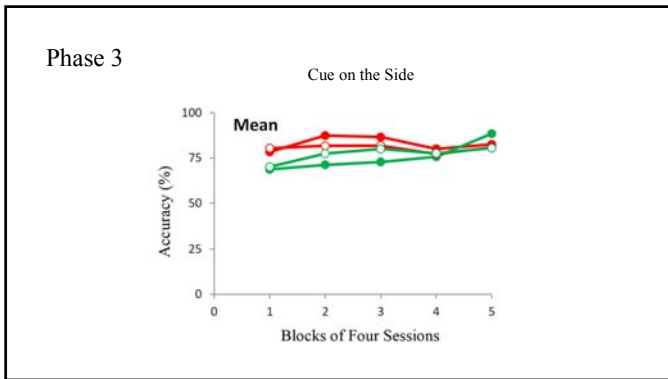
Phase 1: Multiple Schedule Red(LR) Green(RL)



Phase 1







Acknowledgments

We would like to thank [Name] for their assistance in running the study and for their understanding of the results.

We would also like to thank [Name] for their time talking to our group about sw [Name] and cognitive science.

Lastly, we would like to thank [Name] for putting up with our scientific inquiries.

