

Who Performs Better at Searching for and Identifying Missing **Children: Children or Adults?**

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Introduction

The own-age bias - the finding that people are better able to recognize faces from their own age group than other age groups^{1, 2}

Prospective person memory – remembering to complete a task in the future. *Required for sighting missing persons^{3, 4*}



Children are better at recognizing the faces of children; therefore, they may perform better at sighting

missing children than adults.

on facial expressions while being on the lookout for 5 target this task, they were asked to identify whether a person shown was one not.

Objectives

This project is focused on determining whether the own-age bias affects how well children and adults perform at searching for missing children and adults.

Hypotheses:

- 1. Children will perform better at sighting children's faces than they will at sighting adults' faces because of the Own Age Bias.
- 2. Adults will perform better at sighting adult's faces than they will at sighting children's faces because of the Own Age Bias.
- 3. Children will be better than adults at sighting children's faces.
- 4. Adults will be better than children at sighting adult's faces.

References

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Results





Discussion • H1: Child participants performed worse at sighting child targets compared to adult targets thus implying the opposite of an own-age-bias. • H3-4: Adults performed better overall at sighting targets compared to children. • H2: Adults are better at identifying adult faces versus children faces therefore demonstrating an own-agebias. • This data is preliminary because data collection is ongoing for the child sample.

- This data suggests we should continue to recruit adults to search for missing people as they show greater accuracy at identifying missing people than children.
- Future research should study whether different child age groups do show an own-age-bias.

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