Research Manuscript Outline

Abstract: should summarize paper and stand on it’s own. Will be presented in the book of papers/posters presented at AERA. Should include: one background sentence, one methods sentence, one results sentence, and one conclusion sentence. Often written last.

1. Introduction

A. What is the big picture problem this paper aims to address?

--Really big: globalization, academic dropout, student success in STEM, etc.

B. Literature Review

1. Define field and terms

2. Why is this field important? Give a summary with citations.

3. What gap in the literature is this study addressing?

--While research has found \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, little is known about \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4. How is this study going to address the gap in the knowledge?

--What are your hypotheses?

2. Method

1. Participants: number, demographics (gender, age, ethnicity, site location), method of recruitment, percent retention

2. Materials: What was given to the participants, and how was it presented? How were the scales created?

3. Procedure: What did you do/measure? How often? How long?

3. Analysis

1. What program/techniques/statistics did you run?

2. Results: What did you find?

4. Discussion

1. What do your results mean in plain English? How do you interpret them?

2. How do these findings line up with your hypothesis?

3. How do these results inform the gap identified in B3?

4. What major limitations are present in this study?

5. How could this research be expanded in this study?

-- usually to address the limitations discussed.

6. What should we do with this information? Who should do it?

-- how does it help address the issue in 1A?

Title

**Introduction: ~30%**

*Overview*

*Literature Review*

*Hypotheses*

**Method: ~20%**

*Participants*

*Materials*

*Procedure*

**Analysis: ~15%**

*Techniques*

*Results*

**Discussion: ~40%**

*General Discussion*

*Limitations*

*Future Research*

*Conclusion*

**References (new page)**