

Template Paper

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Contents

From "Ten simple rules for structuring papers" <http://biorxiv.org/content/early/2016/12/17/088278>

Konrad Kording and Brett Mensh

Table 1: A summary of rules and their uses

Rule	Sign it is violated
1: One big idea	Readers cannot give one-sentence summary
2: Humans as audience	Readers do not ‘get’ the paper
3: Context, Contents, Conclusion	Readers ask why something matters or what it means
4: Optimize logical flow	Readers stumble on a small section of the text
5: Abstract: Compact summary of paper	Readers cannot give the ‘elevator pitch’ of your work
6: Introduction: Why the paper matters	Readers show little interest in the paper
7: Results: Why the conclusion is justified	Readers do not agree with your conclusion
8: Discussion: Preempt criticism, give future impact	Readers are left with unanswered criticisms/questions
9: Time allocation	Readers find data clearer than the ultimate message
10: Iterate the story	The paper’s contribution is rejected by test readers, editors

A summary of all the typical sturcyal elements: Modified Figure 1

Abstract

- The one question is
- Here we do
- What we found
- How it matters

Introduction

SECTION

PARAGRAPH

- Big Problem in Science

- Field domain

INTRAPARAGRAPH

- What field knows

INTRAPARAGRAPH

- Remaining gap

INTRAPARAGRAPH

- Narrower problem within

- Field domain

- What field knows

- Remaining gap

- Yet narrower paper Gap

- Field domain

- What field knows

- Remaining gap

- Summary

- Our approach

- Our results

Results

- Methods summary

- To answer our question

- General Questions

- Logic 1

- The current question

- How we asked it

- The answer

- Logic 2

- The current question

- How we asked it

- The answer

- Logic n

- The current question

- How we asked it

- The answer

Figures tell whole story

Discussion

- Results -> Conclusion
 - We found
 - We filled gap
- Limitations in filling gap
 - limitation
 - details
 - how to interpret/fix
- Limits in generalization
 - limitation
 - details
 - how to interpret/fix
- Contributions beyond
 - strength
 - what it is useful for
 - the difference made
- Science is better now
 - strength
 - what it is useful for
 - the difference made

Introduction

Methods

test citation ?

Results

Discussion

Conclusion