

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, etc.

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
 - What field knows
 - Remaining gap
- 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

INTRAPARAGRAPH

INTRAPARAGRAPH

INTRAPARAGRAPH

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 [Nelson et al.2009]

Results

Discussion

Conclusion

References

[Nelson et al.2009] Nelson, M. D., McRoberts, R. E., Holden, G. R., and Bauer, M. E. (2009). Effects of satellite image spatial aggregation and resolution on estimates of forest land area. *International Journal of Remote Sensing*, 30(8):1913–1940.