

Example Title:

Example SubTitle

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Abstract—Some abstract information (200 – 250 Words)

... It should contain the domain, goal and/or motivation, quintessence, main results, keywords. The abstract serves as decision criterion for relevance for the the reader. You can see an abstract as a mini-IMRAD¹. Do not put references in the abstract. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit a...

1. Introduction

The introduction picks the reader up. It should contain the domain the paper is associated with, motivation (e.g. unsolved Problem) and the purpose of the paper. The section goal is the following: the reader knows where this research comes from, what the motivation, problem and purpose is, why it is interesting and/or important. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

Maybe make a list of the main contributions of this paper as followed:

- important contributions one
- important contributions two

1. <https://en.wikipedia.org/wiki/IMRAD>

2. Related Work

This section describes the “Previous Work”: What have other researchers already investigated in the domain? What results were yielded by the prior work? How meaningful are these results? What are open questions, improvements or controversial issues? The section goal is the following: the reader knows the current state of science (in the domain), knows what the progress/improvement is intended by this paper and the reader can comprehend the development. I can suggest this valuable source [7]! Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

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3. Main Part

Some information and/or explanation ... Lorem ipsum dolor sit amet, consetetur sadi...

3.1. Description

This section describes the new approach, such as the own algorithm/hypothesis, tools/methods or theorems. It should contain a complete description of the own innovation, the description of the difference to other work and some consequences, prospects and/or expectations. It is important that the reader should be able to comprehend everything! Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita...

Maybe use formulas. Everyone likes them:

$$\begin{aligned} P(\underline{X}) &= \sum_{c \in C} P(\underline{X}, c) \\ &= \sum_{c \in C} P(c) \cdot P(\underline{X}|c) \\ &= \sum_{c \in C} P(c) \cdot \prod_{i=1}^N P(X^i | X^1, \dots, X^{i-1}, c) \end{aligned} \quad (1)$$

3.2. Analysis

This section is the analysis of the new approach. Its section goal is the following: present findings, confirmation or consequences for example by validation of the experiments. It is important that the reader should be able to repeat the experiments! Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labo...

Results. I write words in context of TABLE 1 Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr...

Table 1: I always describe my tables so the reader can understand everything.

Design	Multicolumnm	
	One-Column	Another-Column
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I write words in context of TABLE 2 and additionally reference its content in Figure 1 and 2.

Table 2: I always describe my tables so the reader can understand everything.

Components	Parameters	log-Likelihood	BIC
1	30	-20667.509	41540.491
2	60	-20343.942	41098.829
3	90	-20223.716	41063.849
4	120	-20159.884	41141.656
5	150	-20114.927	41257.215
6	180	-20073.690	41380.213

Figure 1: I describe my figures sufficiently. Any reader can understand the figure based on this caption. Color-encoding is described here.

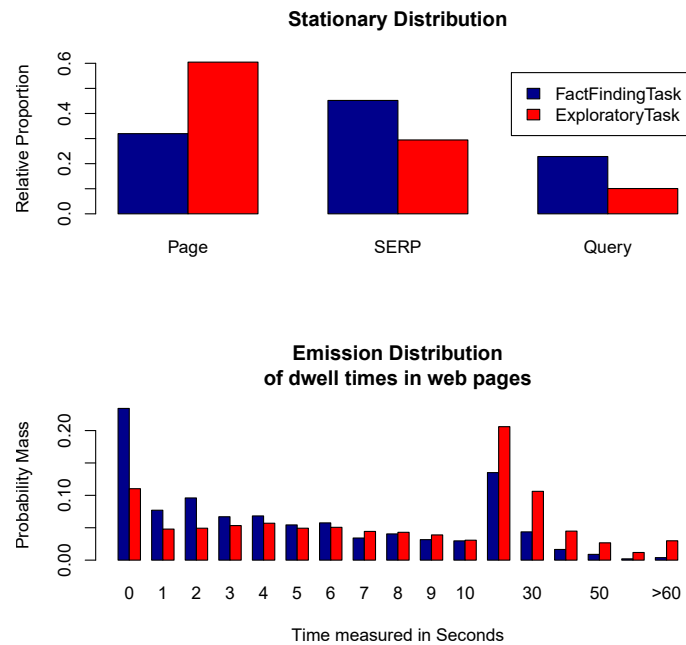
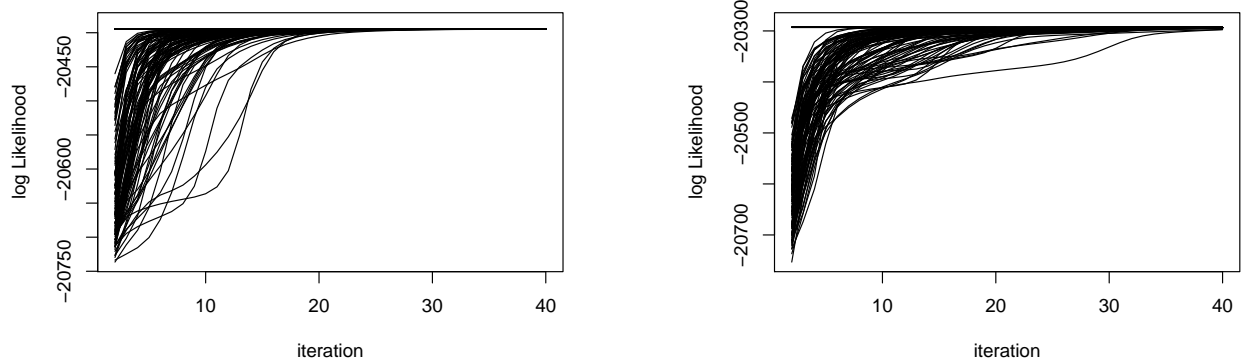


Figure 2: I describe my figures sufficiently and I can merge two figures into one container.

(a) 2 Components

(b) 3 Components



4. Conclusion and Summary

Hurried readers often only read the Abstract and the Conclusion. A typical section like this contains a short summary, most important results and consequences, open questions and future work. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor

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