

recommended book: Writing for computer science - Zobel

Avoid deleting s.o. else writing unless you' re ... their boss. Comment it out

references `\ref` should be named for some reason: \ref{sec-intro}, \ref{secrelated-works}, \ref{sec-concl}`, `\ref{tabdatasets}, \ref{tab-mnist-result, \ref{tabdigits-res}', '\ref{fig-histogram}, \ref{figlesion}'

Overleaf & Writing

the best first: best result tables first, the not so good for later; advantage first, drawbacks later

consistent writing: use Table/table, figure/ Figure

Use interpretable notations, avoid repetitive notations, follow standard rules

As you insert a lemma from another paper/ book, you need to make sure that the notations are consistent with the current writing style, instead of pure copy and paste. For example, if the statement you want to insert uses \$A'\$ for matrix transpose, and your paper use \$A^T\$ for the transpose instead, you need to switch the notation of the statement you want to insert to \$A^T\$

Abstract

Very important because the summary is the first thing the reader will read

Give reasons for recommending this good method to write this article

State the main findings of the paper

introduction

whether the experimental results are good or not, in what respects (accuracy, MSE, speed, ...)



Highlight why recommend this approach

Outline what progress has been made by the research community?

State the contribution of the article

Organizational structure for the rest of the paper

Related works

Presenting the introduced spell

methodology

Compare with: recently developed

methods & popular methods

Compare on data sets of different sizes & different data types

Runtime (on big data is fine)

Where are the results reported?

Begin the paragraph with the strength of your method. Then talk about the weak point.

experiments

One main point for each paragraph

Give specific proof

Chart

My weakness is not that weak

Abnormal: explain why (including methods of other papers)

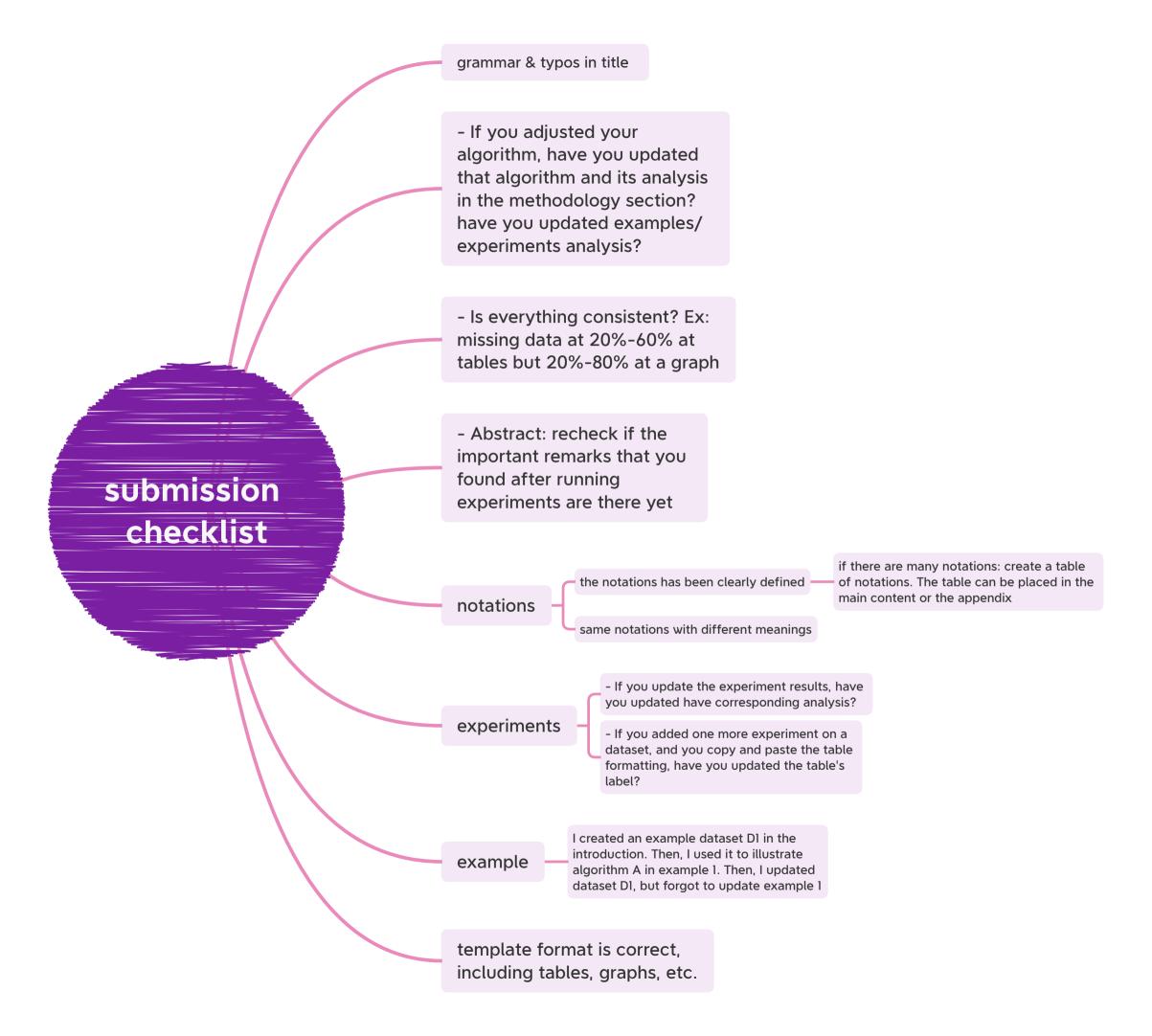
Run a step-by-step/partial test test & check which step/part is the problem

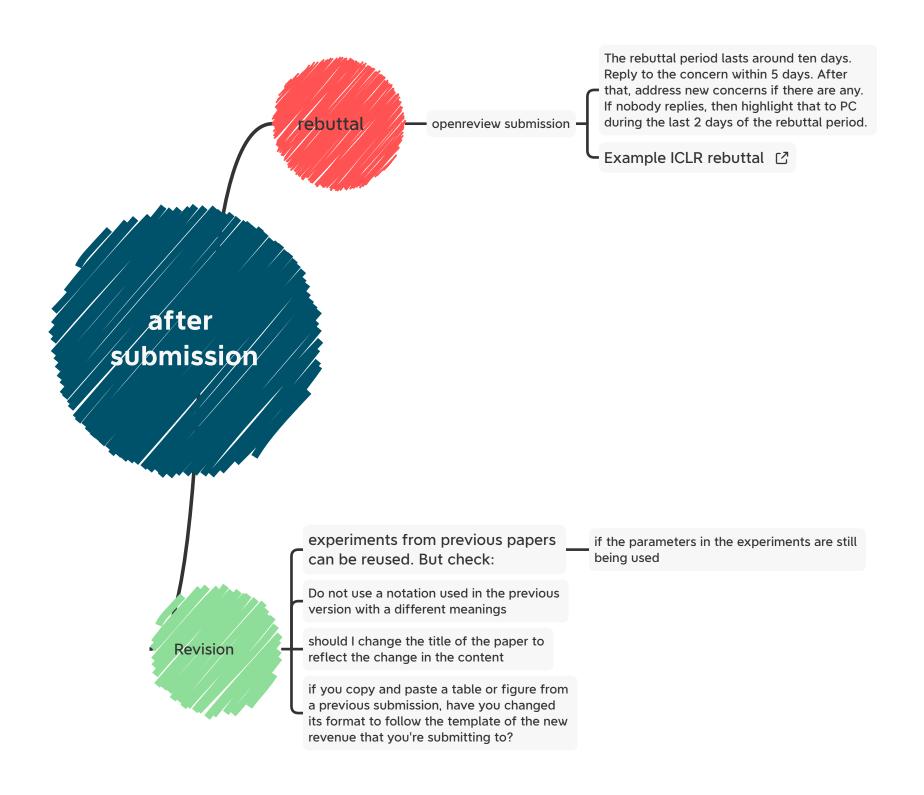
Conclusion

limitations of the algorithm

Issues to be studied in the future

Summarize the main idea, strengths and





you want to persuade people to read and use your research write maximum n slides for a talk of n minutes, not including the thank you slide Highlight the best or most important points Don't cite a lot like in your Writing research paper presentation slides and Theorem/equations: tell the reader what they mean or presenting imply when you give the talk your work but do not write it in the slides avoid unnecessary theorems/ theoretical results Can highlight major points from experiments results instead of experiment details Talk about future works so that people know that they should follow your work or they can collaborate with you