



An introduction to the Open-Science-Paper

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Abstract

The Open-Science-Paper is a document offered to the public via GitHub. The repository contains a LaTeX document which is thought to be forked and used for scientific, collaborative paper writing over GitHub. The document combines the typesetting capabilities of LaTeX with the R programming language for statistics, using the Knitr (<https://github.com/yihui/knitr>) package. This combination allows for the production of executable documents that enhance the reproducibility of your research. This paper introduces the Open-Science-Paper and shows how to use it.

Introduction

The Open-Science-Paper offers a clean and logical folder structure and lots of examples of typical typesetting requirements to help you typeset your paper. It comes with a makefile that helps you to compile, clean and archive the document. The document layout is close to common scientific paper formats. This layout can help you to prepare figures and tables for publication. But you can also just use the Open-Science-Paper to produce nice looking, paper like formatted documents. For an example see the PDF file inside of the repository or have a look into the impressions section below.

The project is documented on detail in the Open-Science-Paper wiki. It covers information about the prerequisites and how to get started with the document, a workflow for

collaborative paper writing on GitHub and much more. Some impressions

Material And Methods

Results

Discussion

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References

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