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# Open Science in Kenya: Where are we?

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## Abstract

Fitting multiple figures into very tight manuscripts while keeping it pleasant to read is challenging. Therefore figures are often simply attached to the very end of a manuscript file. While easier for the authors, this practice is inconvenient for readers. This L<sup>A</sup>T<sub>E</sub>Xtemplate shows how to generate a compiled PDF with figures embedded into the text. It provides several examples of how to embed figures or tables directly into the text thus giving you a range of options from which you should choose the one best suited for your manuscript. Check out Schlegel et al., (2016) as example of use [2].

## Introduction

Add an introduction of the Open Science. To cite an article, use [2]. All the bibliographies should be added to `library.bib` in the BibTeX format. See the example in `library.bib`.

Since this will more or less be like a review article, we will need to identify the various subsections based on the topics we need to cover in the review. See this article for some tips [1].

## Status of Open Science in Kenya: Literature search

The report from the above team will be useful for writing the introduction, as well as providing materials to be used in the discussion. In fact, we can use their resource to weave the whole paper together.

In this section, and the introduction, we will conduct a review of the status of open science in the country. - What kind of resources are available to support open science - Are there policies or incentives for open science practices? - What kind of training activities have been conducted to promote and train students and researchers on open science tools and practices? - etc

## DataMining Section

This will be a data analysis section. The title of this section will depend on the results of your analysis. For example, if Kenyan researchers are not publishing open access, we will need to understand why that is the case. The solution may lie in the cost of publishing, and that is how the resource created by Open Access options team is useful.

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We address questions like: - What is the publishing trend by Kenyan researchers -  
Are they publishing open access, and how has this changed over the years? - Are  
Kenyan researchers embracing pre-prints (BioRXiv, AriRXiv, ResearchGate,  
F1000Research). Who is driving the adoption of pre-prints? Local researchers or  
foreign collaborators? - What are the collaboration trends? Are Kenyan researcher  
collaborating locally or internationally?

## But Publishing Open Access is Expensive

The article processing charge is the main barrier to publishing open access, in addition  
to the obsession with impact factors. However, for early career scientists and students,  
especially in developing countries, most publishers offer waivers and subsidies but few  
are aware. In this section, we explore some of the avenues to publishing open access at  
low cost.

To address this problem, we created a resource that can guide ECR and students on  
where they publish open access, and at low cost. We also provide information on how  
they can still be open when they publish in paywalled journals, eg via the green route.

## Figures

You can add the figures as follows:

**Figure 1.** Figure 1

And you can have it referenced as a figure

**Box 1** To highlight of defining some key concepts in Open science without  
disrupting the flow of the articles, you can use a quote format.

## Discussion

What do the results mean? How does your results fit to the current literature? How  
do they compare to other similar studies?

## Conclusions

What is the take-home message from this article? What are the recommendations?

## 1 Acknowledgement

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Use this section to acknowledge funding and resource contributions to the project.

## Acknowledgments

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## References

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