

# Introduction to Beamer in RMarkdown

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MS Biostatistics (Theory and Methods)

Computing Club  
April 10, 2023

# Introduction

- ▶ Beamer is the  $\text{\LaTeX}$  package that is used to create presentation slides.
- ▶ As a  $\text{\LaTeX}$  package, it can be used in any  $\text{\LaTeX}$  typesetting and compiling processing system.
- ▶ Today, we will be discussing its use in RMarkdown.

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- ▶ Today, we will be discussing its use in RMarkdown.

*Note: I am not a Beamer expert, just an amateur enthusiast.*

Why Beamer?

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“... $\text{\LaTeX}$  encourages authors not to worry too much about the appearance of their documents but to concentrate on getting the right content.”

$\text{\LaTeX}$ Project's About Page

## Why RMarkdown?

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3. File structure... and Git!

## General Structure of a Beamer Presentation

# YAML Header

```
1 ---
2 title: |
3   | Introduction to Beamer in RMarkdown
4 author: |
5   | Waveley Qiu
6   | MS Biostatistics (Theory and Methods)
7 date: |
8   | Computing Club
9   |
10 `r format(Sys.time(), '%B %d, %Y')`
11 output: beamer_presentation
12 ---
```

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Figure 1: YAML Header and Result

# Sectioned Content

```
80 • ## Why RMarkdown?
```

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82 > 1. If you can write a report in RMarkdown, you  
already have the syntactical structure you need to  
create a Beamer presentation! Special formatting  
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83
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```
84 > 2. You get all the benefits of RMarkdown --  
text, code, plots, and \LaTeX, all in one  
document.
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85
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86 > 3. File structure... and Git!
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87
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Figure 2: Sectioned Content and Result

Let's make a presentation :)

# GitHub

Pull from this repo to follow along!

[https://github.com/waveley/intro\\_to\\_beamer](https://github.com/waveley/intro_to_beamer)

## References

<https://www.latex-project.org/about/>