

# Main Title

Author

Affiliation

April 11, 2024



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UNIVERSITAT POLITÈCNICA  
DE CATALUNYA  
BARCELONATECH

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# Outline

Introduction

Section 1

Section 2

Section 3

Content

Figures

Some  $\text{\LaTeX}$  Examples

Tables

Mathematics

R Code

# Introduction

- Your introduction goes here!
- Use `itemize` to organize your main points.
  - up to 3 text levels with `itemize`
    - Indents increase level by level, font size decreases
    - Should you require more levels, use `description` instead of `itemize`.
      - Note: Please try not to write too much copy onto your slides.

# Section Header 1

Version - white background

# Section Header 2

Version - backgroundcolour skin

# Section Header 3

Version - backgroundcolour green



# Title and Content - Black



- Especially for pictures like x-ray
- Enter explanation text - e.g. what can be seen in the picture

# Title, subtitle and content

Enter subtitle here

Enter text, charts, pictures, ... here

# Figures

- You can upload a figure (JPEG, PNG or PDF) using the files menu.
- To include it in your document, use the `includegraphics` command (see the comment below in the source code).



Figure 1: Caption goes here.

# Blocks

## Block

Some examples of commonly used commands and features are included, to help you get started.

## Example Block

Some examples of commonly used commands and features are included, to help you get started.

## Alert Block

Some examples of commonly used commands and features are included, to help you get started.

# Tables

## Tables

Item	Quantity
Widgets	42
Gadgets	13

**Table 1:** An example table.

Let  $X_1, X_2, \dots, X_n$  be a sequence of independent and identically distributed random variables with  $E[X_i] = \mu$  and  $\text{Var}[X_i] = \sigma^2 < \infty$ , and let

$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i$$

denote their mean. Then as  $n$  approaches infinity, the random variables  $\sqrt{n}(S_n - \mu)$  converge in distribution to a normal  $\mathcal{N}(0, \sigma^2)$ .

# R Code

```
fixmodel_bin(data, arm, alpha = 0.025,  
             ncc = TRUE, check = TRUE, ...)
```

Thank you for the attention!



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