

## Genetic Association Analysis with R (II)

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## Slide 1 Two columns



## **Bullet points**

- Point 1
- Point 2
- Point 3

#### Ordered list

- 1. First item
- 2. Another item
- 3. A third item

## Key Features of the Template



#### 1. YAML Front Matter:

• Set metadata like the title, author, theme, and transitions.

## 2. Headings:

• Use # for slide titles, ## or ### for smaller headers.

### 3. Horizontal Slide Separation:

• Use --- to separate individual slides.

#### 4. Code Blocks:

• Wrap code in triple backticks for syntax highlighting.

#### 5. Others:

• Embed images as ![alt text](path), vite a paper<sup>1</sup>, color URLs, number figures and tables.

# Slide with Image





# Code/Math/Figure Example



# Sample Python code
def hello\_world():
 print("Hello, world!")

$$\phi(x,y) = \phi\left(\sum_{i=1}^{n} x_i e_i, \sum_{j=1}^{n} y_j e_j\right) = \sum_{i=1}^{n} \sum_{j=1}^{n} x_i y_j \phi(e_i, e_j) =$$

$$(x_1, \dots, x_n) \begin{pmatrix} \phi(e_1, e_1) & \cdots & \phi(e_1, e_n) \\ \vdots & \ddots & \vdots \\ \phi(e_n, e_1) & \cdots & \phi(e_n, e_n) \end{pmatrix} \begin{pmatrix} y_1 \\ \vdots \\ y_n \end{pmatrix}$$

Figure 1 is shown on last page.

## A table



Table 1: A summary of files

File	Description
nature-genetics.csl	style
premeable.tex	premeable
REFERENCES.bib	reference library
slides.html	.html output
slides.md	markdown file
slides.pdf	.pdf output
slides.sh*	Bash command file
${\rm sunflower.jpg}^*$	sunflower as a logo

### Tools to Render Markdown Slides



- Reveal.js: Use Reveal.js for beautiful web-based presentations. Convert your Markdown using reveal-md.
- Marp: A tool for creating slides directly from Markdown and exporting them to PDF or PowerPoint.
- Pandoc: Convert Markdown to various formats, including slides in HTML5 or LaTeX Beamer.

## References



1. Zhao, J. H. & Tan, Q. Integrated analysis of genetic data with R. Hum Genomics 2, 258–65 (2006).