

Title

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Overview

While there are others, I recommend using one of the three following presentation formats. (Note: You can change the format in the output parameter in the header of the .rmd file.)

- ▶ `beamer_presentation` for making .pdf slides (using a .tex engine)
- ▶ `ioslides_presentation` for making .html files
- ▶ `slidy_presentation` for making .html files

Syntax

The syntax for R Markdown slides is similar to creating R Markdown documents (like problem sets).

We can write sentences using **bold face**, *italics*, using links or also make equations like

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

We can also (Note: replace with - for unnumbered):

1. write
2. numbered
3. lists

Syntax (Continued)

We can also continue to write code.

```
example_code <- 'This will be printed'
```

Remember, in the header to the code chunk:

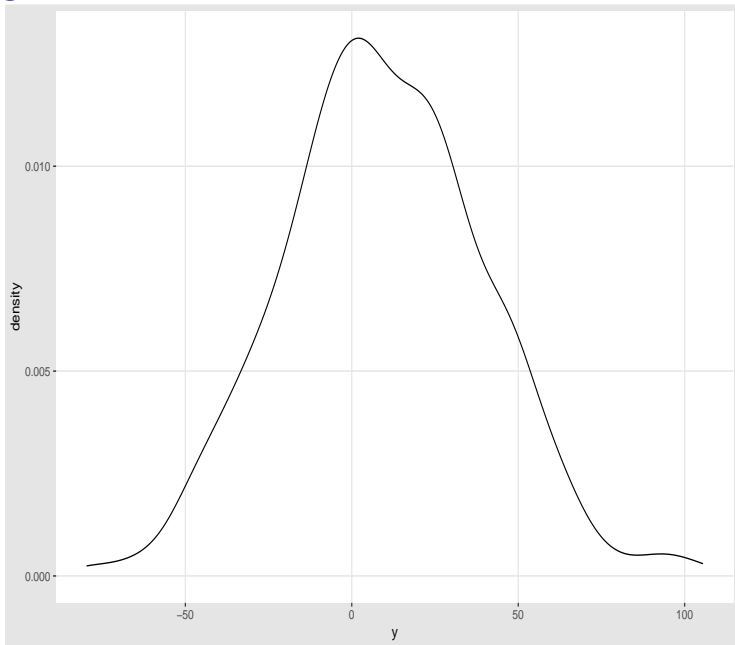
- ▶ `echo` - TRUE/FALSE - will print the code in our output
- ▶ `eval` - TRUE/FALSE - will *evaluate* the code chunk
- ▶ `warning` - TRUE/FALSE - will print any warnings that the code produces
- ▶ `message` - TRUE/FALSE - will print any messages that the code produces

(or set globally in line 9)

Creating New Slides

The only major difference is that `## Title` creates a new slide in our deck(!)

Adding Visualizations



Adding Tables (1 of 2)

Mean of X	Median of Y	Number of Observations
250.5	7.889743	500

Adding Tables (2 of 2)

term	estimate	std.error	statistic	p.value
(Intercept)	12.3521851	2.6563862	4.649996	0.0000043
x	-0.0141707	0.0091882	-1.542271	0.1236428

Common Pitfalls and Advice

Common Pitfalls

- ▶ Having stray spaces (in slide names or in lists)
- ▶ Re-running timely models every time you “knit”
- ▶ Forgetting to start a new slide

Advice

- ▶ When starting out, **Knit** after each slide is done (to isolate errors)
- ▶ Only include the data and code that you need
- ▶ Run code chunk by chunk to isolate errors

Resources

Useful documentation:

- ▶ R Markdown Cheat Sheet
- ▶ ioslides Documentation
- ▶ Slidy Documentation
- ▶ beamer Documentation

Additional customization:

- ▶ Using beamer
- ▶ Using Slidy
- ▶ Using ioslides