

$R + \text{\LaTeX} = \text{knitr}$

Cara Feldscher

September 24th

What is  $\text{\LaTeX}$

## Why I care

- ▶ Semanticist secret handshake
- ▶ Great control
- ▶ I do want to get back to working with data, but I refuse to go back to powerpoint.

Why you care?

- ▶ Maybe you already use R and latex?
- ▶ Reproducibility
- ▶ No really, where did I save that graph I wanted...

What knitr does

How it differs from sweave?

Knitr set up:

- ▶ Install package (link YiHui's website)
- ▶ Global settings
- ▶ Latex skeleton
- ▶ Code chunks

## Knitr MWE



## Tips

- ▶ <https://yihui.name/knitr/>
- ▶ This is slow. Make your main R doc separately and do all your experiments there.
- ▶ Stuff isn't always saved in the environment either! This is the show page not the manip page.
- ▶ No spellcheck or autocompelte if you're used to working in a different tex editor.