Intro R Crib Notes

1. Welcome, Introductions, Motivations
2. Show GitHub
3. Logistics of class

   - Schedule Timing
   - Stickies
   - Helpers

4. Download code
5. Rstudio walk through

   - open
   - panes
   - project
   - scripts

6. Exercise 1.1
7. Functions

   - Syntax
   - few examples
   - (),[],{}

8. Packages
9. CRAN

10. install.packages()
11. library()
12. Exercise 1.2
13. Operators and Objects
14. Navigating workspace in console and RStudio
15. Exercise 1.3
16. Help
17. *Data in R Lesson*
18. Data types
19. NA (and others)
20. Data sturctures

- Vectors
- Data Frame

21. Exercise 2.1
22. External Data - read.csv()
23. Other ways

- readr,readxl,rio,databases

24. Data manipulation

- No examples, no time
- Except: columns with $

25. Exercise 2.2

26. ***Break***
27. *Data Viz Lesson*
28. Base

   - Scatter
   - Box
   - Hist

29. ggplot

   - Scatter
   - box
   - hist

30. Exercise 4.1
31. ***TIME DEPENDENT***
32. Themes
33. Facets
34. Help
35. Examples