Tables and Fonts

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Week 8, Class 1

Data viz in the wild

Sarah Donaldson

Hyeonjir

Anwesha & Ping on deck

Agenda

- Tables with gt
- Fonts with showtext and/or extrafont

Learning objectives

- Be comfortable with the basics of gt
 - create a table
 - format columns
 - create spanner heads
 - o etc.
- Understand how to use additional fonts (if you so choose)



Overview

- Pipe-oriented
- Beautiful tables easy
- Spanner heads/grouping used to be a total pain not so anymore
- Renders to HTML/PDF without even thinking about it

Probably my favorite package for creating static tables, although **kableExtra** is great too.

My experience is that fewer people are generally familiar with **gt**, which is why I cover it here.

Install

```
install.packages("gt")
# or
remotes::install_github("rstudio/gt")
```

The hard part

- Getting your data in the format you want a table in
- Utilize your pivot_* skills regularly

library(fivethirtyeight) flying

```
## # A tibble: 1,040 x 27
##
      respondent id gender age height
                                         children under 18 household incom
##
              <dbl> <chr> <ord> <ord>
                                         <1q1>
                                                            <ord>
## 1 3436139758 <NA> <NA> <NA>
                                                            <NA>
                                         NA
  2 3434278696 Male 30-44 "6'3\""
##
                                         TRUE
                                                            <NA>
## 3 3434275578 Male 30-44 "5'8\"" FALSE ## 4 3434268208 Male 30-44 "5'11\"" FALSE
                                                           $100,000 - $149
                                                           $0 - $24,999
##
   5 3434250245 Male
                          30-44 "5'7\""
                                                           $50,000 - $99,9
                                         FALSE
                          30-44 "5'9\""
                                                           $25,000 - $49,9
##
   6 3434245875 Male
                                         TRUE
##
   7 3434235351 Male
                          30-44 "6'2\""
                                                           <NA>
                                         TRUE
## 8 3434218031 Male
                          30-44 "6'0\""
                                                           $0 - $24,999
                                         TRUE
## 9 3434213681 <NA> <NA> "6'0\""
                                                           <NA>
                                         TRUE
        3434172894 Male 30-44 "5'6\"" FALSE
## 10
                                                            $0 - $24,999
## # ... with 1,030 more rows, and 21 more variables: education <ord>, location
       recline frequency <ord>, recline obligation <lgl>, recline rude <ord
## #
```

flying %>% count(gender, age, recline_frequency)

```
## # A tibble: 53 x 4
## gender age recline frequency
                                       n
## <chr> <ord> <ord>
                                     <int>
## 1 Female 18-29 Never
                                        24
## 2 Female 18-29 Once in a while
                                        36
##
   3 Female 18-29 About half the time 10
##
   4 Female 18-29 Usually
                                        13
##
   5 Female 18-29 Always
                                        10
## 6 Female 18-29 <NA>
                                        19
## 7 Female 30-44 Never
                                        21
## 8 Female 30-44 Once in a while
                                        25
## 9 Female 30-44 About half the time 22
## 10 Female 30-44 Usually
                                        22
## # ... with 43 more rows
```

```
## # A tibble: 10 \times 6
##
    gender recline frequency `18-29` `30-44` `45-60` `> 60`
##
   <chr> <ord>
                             <int> <int> <int> <int>
## 1 Female Never
                                24
                                                   23
                                      21
                                             19
##
                               36
                                      25
                                             30 36
   2 Female Once in a while
##
                                      22
                                             18 17
   3 Female About half the time
                               10
                                      22
                               13
                                             26
                                                   28
## 4 Female Usually
                                      21
                                                   12
##
   5 Female Always
                               10
                                             29
##
                               24
                                      17
                                             20
                                                   18
   6 Male
          Never
##
                               19
                                      39
                                             40
                                                   29
   7 Male Once in a while
##
   8 Male About half the time
                               11
                                      11
                                             16 11
                                                 27
## 9 Male Usually
                               14
                                      30
                                             15
## 10 Male Always
                               11
                                      14
                                             21
                                                   14
```

Turn into table

```
library(gt)
smry %>%
  gt()
```

Disclaimer: these all look slightly different on the slides

gender	recline_frequency	18-29	30-44	45–60	> 60
Female	Never	24	21	19	23
Female	Once in a while	36	25	30	36
Female	About half the time	10	22	18	17
Female	Usually	13	22	26	28
Female	Always	10	21	29	12
Male	Never	24	17	20	18
Male	Once in a while	19	39	40	29
Male	About half the time	11	11	16	11
Male	Usually	14	30	15	27
Male	Always	11	14	21	14

Add gender as a grouping variable

```
smry %>%
  group_by(gender) %>%
  gt()
```

recline_frequency	18–29	30-44	45-60	> 60
Female				
Never	24	21	19	23
Once in a while	36	25	30	36
About half the time	10	22	18	17
Usually	13	22	26	28
Always	10	21	29	12
Male				
Never	24	17	20	18
Once in a while	19	39	40	29
About half the time	11	11	16	11
Usually	14	30	15	27
Always	11	14	21	14

This is an example of a table that looks better with the default CSS

Add a spanner head

```
smry %>%
  group_by(gender) %>%
  gt() %>%

tab_spanner(
  label = "Age Range",
  columns = vars(`18-29`, `30-44`, `45-60`, `> 60`)
)
```

maalina fuamusaan	Age Range						
recline_frequency	18–29	30-44	45-60	> 60			
Female							
Never	24	21	19	23			
Once in a while	36	25	30	36			
About half the time	10	22	18	17			
Usually	13	22	26	28			
Always	10	21	29	12			
Male							
Never	24	17	20	18			
Once in a while	19	39	40	29			
About half the time	11	11	16	11			
Usually	14	30	15	27			
Always	11	14	21	14			

Change column names

```
smry %>%
  group_by(gender) %>%
  gt() %>%
  tab_spanner(
    label = "Age Range",
    columns = vars(`18-29`, `30-44`, `45-60`, `> 60`)
) %>%
  cols_label(recline_frequency = "Recline")
```

Recline		Age Range						
Recline	18–29	30-44	45-60	> 60				
Female								
Never	24	21	19	23				
Once in a while	36	25	30	36				
About half the time	10	22	18	17				
Usually	13	22	26	28				
Always	10	21	29	12				
Male								
Never	24	17	20	18				
Once in a while	19	39	40	29				
About half the time	11	11	16	11				
Usually	14	30	15	27				
Always	11	14	21	14				

Align columns

They are already left-aligned because of the CSS, but that's not typical

Recline	Age Range						
Recline	18–29	30-44	45-60	> 60			
Female							
Never	24	21	19	23			
Once in a while	36	25	30	36			
About half the time	10	22	18	17			
Usually	13	22	26	28			
Always	10	21	29	12			
Male							
Never	24	17	20	18			
Once in a while	19	39	40	29			
About half the time	11	11	16	11			
Usually	14	30	15	27			
Always	11	14	21	14			

Add a title

Airline Passengers							
Leg space is I	imited,	what do	you do	?			
Recline		Age R	ange				
Necline	18-29	30-44	45-60	> 60			
Female							
Never	24	21	19	23			
Once in a while	36	25	30	36			
About half the time	10	22	18	17			
Usually	13	22	26	28			
Always	10	21	29	12			
Male							
Never	24	17	20	18			
Once in a while	19	39	40	29			
About half the time	11	11	16	11			
Usually	14	30	15	27			
Always	11	14	21	14			

Format columns

```
smrv %>%
 mutate(across(c(`18-29`, `30-44`, `45-60`, `> 60`),
                ~.x/100)) %>%
  group_by(gender) %>%
  gt() %>%
 tab_spanner(
   label = "Age Range",
    columns = vars(`18-29`, `30-44`, `45-60`, `> 60`)
  ) %>%
 fmt_percent(
   vars(`18-29`, `30-44`, `45-60`, `> 60`),
    decimals = 0
  ) %>%
  cols_label(recline_frequency = "Recline") %>%
  cols_align(align = "left",
             columns = vars(recline frequency)) %>%
  tab_header(
   title = "Airline Passengers",
    subtitle = "Leg space is limited, what do you do?"
```

Airline Passengers								
Leg space is limited, what do you do?								
D !!		Age R	ange					
Recline	18–29	30-44	45-60	> 60				
Female								
Never	24%	21%	19%	23%				
Once in a while	36%	25%	30%	36%				
About half the time	10%	22%	18%	17%				
Usually	13%	22%	26%	28%				
Always	10%	21%	29%	12%				
Male								
Never	24%	17%	20%	18%				
Once in a while	19%	39%	40%	29%				
About half the time	11%	11%	16%	11%				
Usually	14%	30%	15%	27%				
Always	11%	14%	21%	14%				

Add a source note

```
smrv %>%
 mutate(across(c(`18-29`, `30-44`, `45-60`, `> 60`),
                ~.x/100)) %>%
  group_by(gender) %>%
  gt() %>%
  tab_spanner(
   label = "Age Range",
    columns = vars(`18-29`, `30-44`, `45-60`, `> 60`)
  ) %>%
  fmt_percent(
   vars(`18-29`, `30-44`, `45-60`, `> <u>6</u>0`),
    decimals = 0
  ) %>%
  cols_label(recline_frequency = "Recline") %>%
  cols_align(align = "left",
             columns = vars(recline frequency)) %>%
  tab_header(
    title = "Airline Passengers",
    subtitle = "Leg space is limited, what do you do?"
  ) %>%
  tab_source_note(
    source_note = md("Data from [fivethirtyeight](https://fiveth
```

Airline Passengers								
Leg space is limited, what do you do?								
Recline		Age R	ange					
Recline	18-29	30-44	45-60	> 60				
Female								
Never	24%	21%	19%	23%				
Once in a while	36%	25%	30%	36%				
About half the time	10%	22%	18%	17%				
Usually	13%	22%	26%	28%				
Always	10%	21%	29%	12%				
Male								
Never	24%	17%	20%	18%				
Once in a while	19%	39%	40%	29%				
About half the time	11%	11%	16%	11%				
Usually	14%	30%	15%	27%				
Always	11%	14%	21%	14%				
Data from fivethirtyeight								

Color cells

```
... %>%
  data_color(
    vars(`18-29`, `30-44`, `45-60`, `> 60`),
    colors = scales::col_numeric(
        palette = c("#FFFFFF", "#FF0000"),
        domain = NULL
    )
    ) %>%
    ...
```

Airline Passengers								
Leg space is limited, what do you do?								
Recline		Age R	ange					
Recline	18-29	30-44	45-60	> 60				
Female								
Never	24%	21%	19%	23%				
Once in a while	36%	25%	30%	36%				
About half the time	10%	22%	18%	17%				
Usually	13%	22%	26%	28%				
Always	10%	21%	29%	12%				
Male								
Never	24%	17%	20%	18%				
Once in a while	19%	39%	40%	29%				
About half the time	11%	11%	16%	11%				
Usually	14%	30%	15%	27%				
Always	11%	14%	21%	14%				
Data from fivethirty	eight							

What else?

- Lots more it can do, and lots more in development
- See the website

Thomas Mock does a lot of great work with tables and often has tutorials showing your how to go further (e.g., see here and here and here).

A few other table options

kableExtra

A few quick examples

Make sure to specify **results** = "asis" in your chunk options.

```
library(knitr)
library(kableExtra)
dt <- mtcars[1:5, 1:6]
kable(dt) %>%
   kable_styling("striped") %>%
   column_spec(5:7, bold = TRUE
```

	mpg	cyl	disp	hp	drat	wt
Mazda RX4	21.0	6	160	110	3.90	2.620
Mazda RX4 Wag	21.0	6	160	110	3.90	2.875
Datsun 710	22.8	4	108	93	3.85	2.320
Hornet 4 Drive	21.4	6	258	110	3.08	3.215
Hornet Sportabout	18.7	8	360	175	3.15	3.440

	mpg	cyl	disp	hp	drat	wt
Mazda RX4	21.0	6	160	110	3.90	2.620
Mazda RX4 Wag	21.0	6	160	110	3.90	2.875
Datsun 710	22.8	4	108	93	3.85	2.320
Hornet 4 Drive	21.4	6	258	110	3.08	3.215
Hornet Sportabout	18.7	8	360	175	3.15	3.440

```
kable(dt) %>%
  kable_styling("striped", full_width = FALSE) %>%
  pack_rows(
    "Group 1", 1, 3,
    label_row_css = "background-color: #666; color: #fff;"
    ) %>%
  pack_rows(
    "Group 2", 4, 5,
    label_row_css = "background-color: #666; color: #fff;")
```

	mpg	cyl	disp	hp	drat	wt
Group 1						
Mazda RX4	21.0	6	160	110	3.90	2.620
Mazda RX4 Wag	21.0	6	160	110	3.90	2.875
Datsun 710	22.8	4	108	93	3.85	2.320
Group 2						
Hornet 4 Drive	21.4	6	258	110	3.08	3.215
Hornet Sportabout	18.7	8	360	175	3.15	3.440

KableExtra wrapup

Many other options, please see the documentation. Works well for PDF and HTML.

What about Microsoft Word?

flextable



Overview

Selectors

Layout Format visual properties

Format Content

Render as image

Examples

Function reference



flextable R package





The flextable package provides a framework for easily create tables for reporting and publications. Tables can be embedded within:

- R Markdown documents with support for HTML, Word and PowerPoint documents.
- · Microsoft Word or PowerPoint documents
- PDF documents with package pagedown (it's only HTML)

Tables can also be rendered as R plots or graphic files (png, pdf and jpeg).

Getting Started

An API is available to let R users create tables for reporting and control their formatting properties and their layout. A flextable object is a data.frame representation, it can be manipulated with functions that give control over:

Links

Download from CRAN at

https://cloud.r-project.org/ package=flextable

Report a bug at

https://github.com/davidgohel/flextable/issues

Visit ARDATA website at https://www.ardata.fr

intpos/miniaraata.i

GPL-3

License

Developers

David Gohel

Author, maintainer

All authors...

Many others

- huxtable
- formattable
- DT (my former favorite for shiny)
- rhandsontable

Particularly helpful for modeling

- stargazer
- pixiedust
- modelsummary

For descriptives

gtsummary

reactable

My favorite for interactive tables

reactable 0.1.0.9000 Reference Examples Demos - Articles -

2019 Women's World Cup Predictions

Soccer Power Index (SPI) ratings and chances of advancing for every team

		Те	am Rati	ng		of Finishin Stage In		Knockout Stage Chances				
TEAM	GROUP	SPI	OFF.	DEF.	1ST PLACE	2ND PLACE	3RD PLACE	MAKE ROUND OF 16	MAKE QTR- FINALS	MAKE SEMIFINALS	MAKE FINAL	WIN WORLD CUP
USA 6 pts.	F	98.3	5.5	0.6	83%	17%	-	1	78%	47%	35%	24%
France 6 pts.	Α	96.3	4.3	0.5	>99%	<1%	<1%	1	78%	42%	30%	19%
Germany 6 pts.	В	93.8	4.0	0.7	98%	2%	_	1	89%	48%	28%	12%
Canada 6 pts.	Е	93.5	3.7	0.6	39%	61%	_	1	59%	36%	20%	9%
England 6 pts.	D	91.9	3.5	0.6	71%	29%	_	1	69%	43%	16%	8%
Netherlands 6 pts.	Е	92.7	3.9	0.7	61%	39%	-	1	59%	37%	19%	8%
Australia 3 pts.	С	92.8	4.2	0.9	13%	54%	34%	>99%	54%	26%	10%	5%
•	-	00 /			4 70/	030/		,	. 70/	200	4.00/	. 0/

Works great with **shiny** too

Penguins data

library(palmerpenguins)
library(reactable)
reactable(penguins)

species	island	bill_length_mm	bill_depth_mm	flipper_length_mm	body_mass_g	sex
Adelie	Torgersen	39.1	18.7	181	3750	male
Adelie	Torgersen	39.5	17.4	186	3800	female
Adelie	Torgersen	40.3	18	195	3250	female
Adelie	Torgersen					
Adelie	Torgersen	36.7	19.3	193	3450	female
Adelie	Torgersen	39.3	20.6	190	3650	male
Adelie	Torgersen	38.9	17.8	181	3625	female
Adelie	Torgersen	39.2	19.6	195	4675	male
Adelie	Torgersen	34.1	18.1	193	3475	
Adelie	Torgersen	42	20.2	190	4250	
1-10 of 344 rows				Previous 1	2 3 4 5	35 Next

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Rename columns

```
penguins %>%
  reactable(
    columns = list(
        bill_length_mm = colDef(name = "Bill Length (mm)"),
        bill_depth_mm = colDef(name = "Bill Depth (mm)")
    )
    )
)
```

species	island	Bill Length (mm)	Bill Depth (mm)	flipper_length_mm	body_mass_g	sex
Adelie	Torgersen	39.1	18.7	181	3750	male
Adelie	Torgersen	39.5	17.4	186	3800	female
Adelie	Torgersen	40.3	18	195	3250	female
Adelie	Torgersen					
Adelie	Torgersen	36.7	19.3	193	3450	female
Adelie	Torgersen	39.3	20.6	190	3650	male
Adelie	Torgersen	38.9	17.8	181	3625	female
Adelie	Torgersen	39.2	19.6	195	4675	male
Adelie	Torgersen	34.1	18.1	193	3475	
Adelie	Torgersen	42	20.2	190	4250	
1-10 of 344 rows				Previous 1	2 3 4 5	35 Next

Or use a function

```
library(stringr)

penguins %>%
  reactable(
    defaultColDef = colDef(
        header = function(x) str_to_title(gsub("_", " ", x))
    )
    )
)
```

Species	Island	Bill Length Mm	Bill Depth Mm	Flipper Length Mm	Body Mass G	Sex
Adelie	Torgersen	39.1	18.7	181	3750	male
Adelie	Torgersen	39.5	17.4	186	3800	female
Adelie	Torgersen	40.3	18	195	3250	female
Adelie	Torgersen					
Adelie	Torgersen	36.7	19.3	193	3450	female
Adelie	Torgersen	39.3	20.6	190	3650	male
Adelie	Torgersen	38.9	17.8	181	3625	female
Adelie	Torgersen	39.2	19.6	195	4675	male
Adelie	Torgersen	34.1	18.1	193	3475	
Adelie	Torgersen	42	20.2	190	4250	
1-10 of 344 rows				Previous 1	2 3 4 5	35 Next

Add filter

reactable(penguins, filterable = TRUE)

species	island	bill_length_mm	bill_depth_mm	flipper_length_mm	body_mass_g	sex
Adelie	Torgersen	39.1	18.7	181	3750	male
Adelie	Torgersen	39.5	17.4	186	3800	female
Adelie	Torgersen	40.3	18	195	3250	female
Adelie	Torgersen					
Adelie	Torgersen	36.7	19.3	193	3450	female
Adelie	Torgersen	39.3	20.6	190	3650	male
Adelie	Torgersen	38.9	17.8	181	3625	female
Adelie	Torgersen	39.2	19.6	195	4675	male
Adelie	Torgersen	34.1	18.1	193	3475	
Adelie	Torgersen	42	20.2	190	4250	
1-10 of 344 rows				Previous 1	2 3 4 5	35 Next

Searchable

reactable(penguins, searchable = TRUE)

0	and an an	
269	ir Cn	

species	island	bill_length_mm	bill_depth_mm	flipper_length_mm	body_mass_g	sex
Adelie	Torgersen	39.1	18.7	181	3750	male
Adelie	Torgersen	39.5	17.4	186	3800	female
Adelie	Torgersen	40.3	18	195	3250	female
Adelie	Torgersen					
Adelie	Torgersen	36.7	19.3	193	3450	female
Adelie	Torgersen	39.3	20.6	190	3650	male
Adelie	Torgersen	38.9	17.8	181	3625	female
Adelie	Torgersen	39.2	19.6	195	4675	male
Adelie	Torgersen	34.1	18.1	193	3475	
Adelie	Torgersen	42	20.2	190	4250	
1-10 of 344 rows				Previous 1	2 3 4 5	35 Next

Pagination

reactable(penguins, defaultPageSize = 3)

species	island	bill_length_mm	bill_depth_mm	flipper_length_mm	body_mass_g	sex
Adelie	Torgersen	39.1	18.7	181	3750	male
Adelie	Torgersen	39.5	17.4	186	3800	female
Adelie	Torgersen	40.3	18	195	3250	female
1-3 of 344 rows				Previous 1	2 3 4 5	115 Next

Page jump

species	island	bill_length_mm	bill_depth_mm	flipper_length_mm	body_mass_g	sex
Adelie	Torgersen	39.1	18.7	181	3750	male
Adelie	Torgersen	39.5	17.4	186	3800	female
Adelie	Torgersen	40.3	18	195	3250	female
1-3 of 344 rows					Previous 1	of 115 Next

Grouping

reactable(penguins, groupBy = c("species", "island"))

species	island	bill_length_mm	bill_depth_mm	flipper_length_mm	body_mass_g	sex
Adelie (3)						
Gentoo (1)						
Chinstrap (1)						

Aggregate

species	island	bill_length_mm	bill_depth_mm	flipper_length_mm	body_mass_g sex	(
Adelie (3)		38.81				
Gentoo (1)		47.50				
Chinstrap (1)		48.83				

Sparklines

```
## # A tibble: 3 x 4
## species bill_length boxplot sparkline
## * <fct> <list> <lgl> <lgl>
## 1 Adelie <dbl [152]> NA NA
## 2 Chinstrap <dbl [68]> NA NA
## 3 Gentoo <dbl [124]> NA NA
```

```
table_data %>%
  reactable(
    columns = list(
        bill_length = colDef(cell = function(value) {
            sparkline(value, type = "bar")
        }),
        boxplot = colDef(cell = function(value, index) {
                sparkline(table_data$bill_length[[index]], type = "box")
        }),
        sparkline = colDef(cell = function(value, index) {
                sparkline(table_data$bill_length[[index]])
        })
        )
    )
}
```

species	bill_length	boxplot	sparkline
Adelie	alada dhi khiba	∘ HH	Alemantus heigi
Chinstrap	dust alphanid	⊢	antroport
Gentoo	named and the provided	∘ H <mark>H</mark> •	nyev hendestedjiks

Lots more!

Idea of today is not to teach you everything, but to give you an idea of what's possible. Check out the documentation for more information.

Fonts

General advice

- Use different fonts to distinguish things
 - Specifically code
 - Consider different fonts for different heading levels, and/or to distinguish headers from the body
- Always choose a sans—serif font for code
- Explore and try it makes a big impact on the overall look/feel (bigger than you may expect if you haven't played with fonts much before)
- Try not to get sucked into too deep of a rabbit hole

{ragg}

Brand new pacakge - just learning about it myself.

Alternative device to Cairo, png, etc.

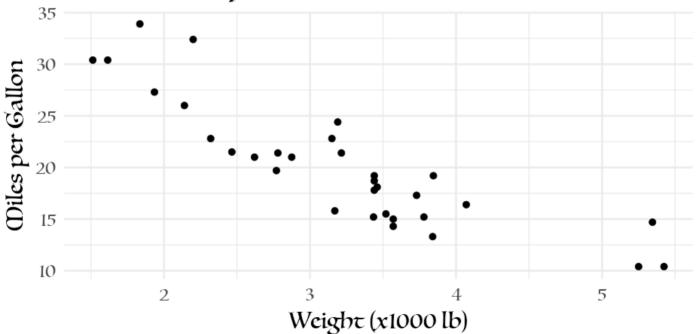
See the announcement here

After install, be sure to set *Global Options > General > Graphics* to *AGG*

Use with RMarkdown with knitr::opts_chunk\$set(dev
= "ragg_png")

Will automatically detect fonts you have installed on your computer

Fuel Efficiency of 32 Cars

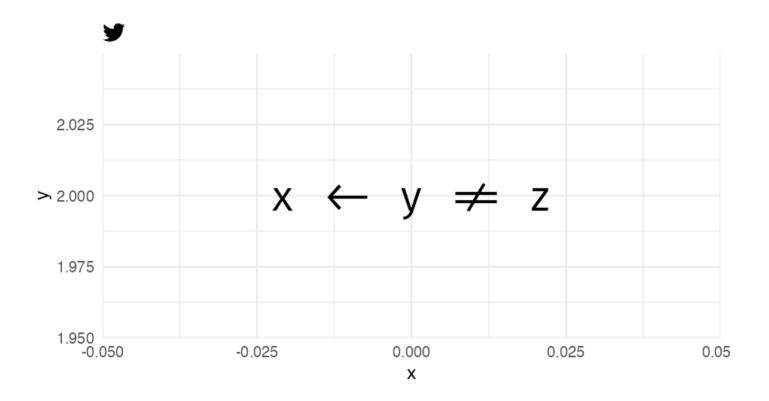


Support for lots of things!

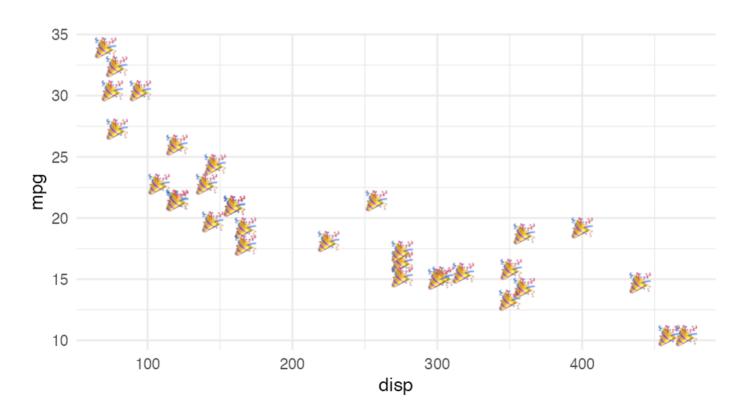
Ligatures and font-awesome icons

```
library(ragg)

ggplot() +
    geom_text(
    aes(x = 0, y = 2, label = "x <- y != z"),
    family = "Fira Code"
) +
    labs(title = "twitter") +
    theme(plot.title = element_text(
        family = "Font Awesome 5 brands"
    )
)</pre>
```



emojis



Google fonts

https://fonts.google.com

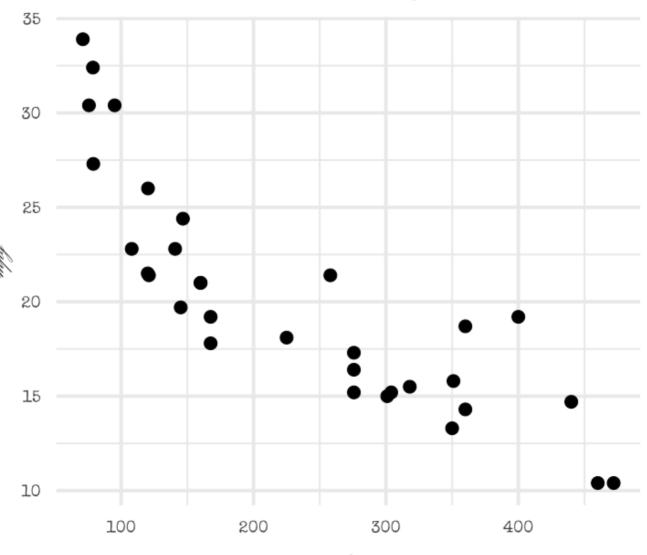
- Open source, designed for the web
- Good place to explore fonts
- Can be incorporated via the {showtext} package!

{showtext} example

```
devtools::install_github("yixuan/showtext")
library(showtext)
font_add_google('Monsieur La Doulaise', "mld")
font_add_google('Special Elite', "se")
showtext auto()
quartz()
ggplot(mtcars, aes(disp, mpg)) +
  geom point() +
  labs(title = "An amazing title",
       subtitle = "with the world's most boring dataset") +
  theme(plot.subtitle = element_text(size = 18, family = "se"),
        plot.title = element_text(size = 22, family = "mld"),
        axis.title = element_text(size = 18, family = "mld"),
        axis.text.x = element_text(size = 12, family = "se"),
        axis.text.y = element_text(size = 12, family = "se"))
```

An amazing title

with the world's most boring dataset



Why fonts matter

A few examples of epic fails

h/t Will Chase

Megaflicks







Quick aside

Change the font of your R Markdown!

Create a CSS code chunk - write tiny bit of CSS - voila!

```
@import url('https://fonts.googleapis.com/css?family=Akronim&disploydy {
   font-family: 'Akronim', cursive;
}
```

Render!

Aside

I actually did this for these slides to make the tables a bit smaller!

```
24
25 * ``{css echo = FALSE}
26 * table {
27    font-size: 1rem;
28 * }
29 * ```
```

Resource for learning more

• I'm not an expert on fonts. I have mostly just picked what looks nice to me.



Best I've heard of is practical typography

Identify fonts

Use others work to help you — I found the font for these slides from a different theme that I liked.

Use google chrome's developer tools to help!

Next time

Create your own blog!