Amending Descriptive Statistics Tables w/ ~~Dynamic~~ Visualizations
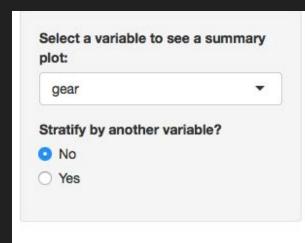
Steele Valenzuela
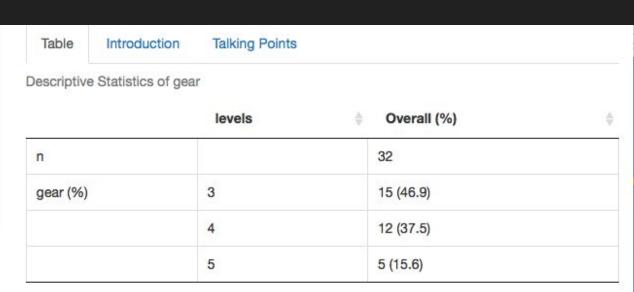
(Or what it should have been called) How to make your tables NOT SUCK!
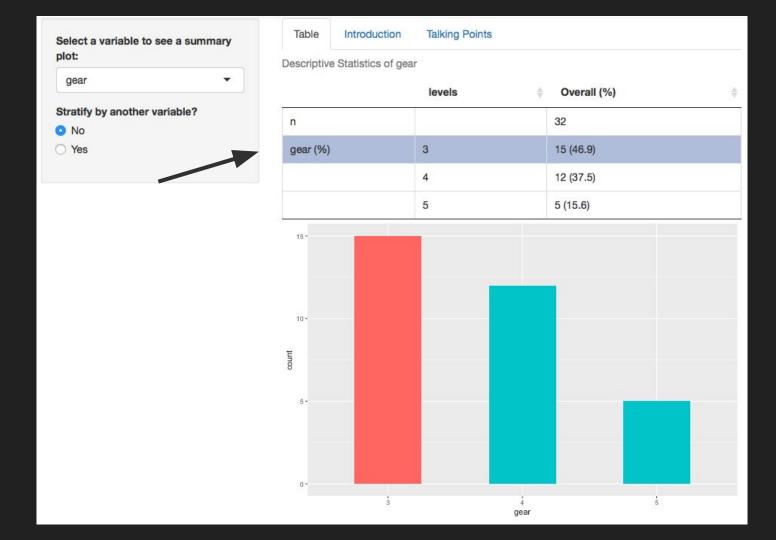
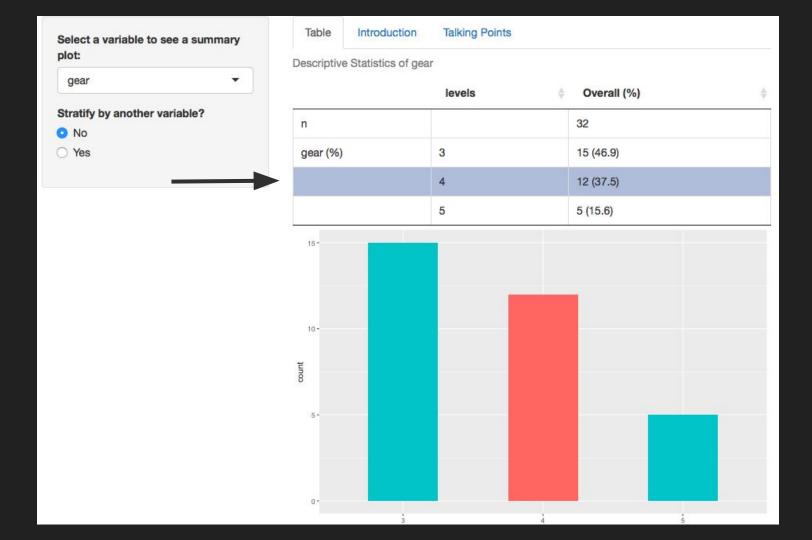|		Age of respondent							
	Base	11-16 years	17-20 years	21-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65+ years
Number of previous visits									
Numeric : visits	**305.0** **7.0**	30.0 6.0	40.0 3.8	43.0 5.7	92.0 5.3	44.0 8.3	32.0 6.9	16.0 20.9	8.0 18.1
Number of visits in last 12 months									
Numeric : visits12	**305.0** **0.7**	30.0 1.2	40.0 0.4	43.0 1.6	92.0 0.5	44.0 0.7	32.0 0.4	16.0 0.5	8.0 0.8
Number of adults in informal group									
Numeric : adults	**453.0** **3.1**	32.0 2.9	60.0 2.5	61.0 4.1	139.0 3.0	81.0 3.3	46.0 2.7	23.0 2.7	11.0 2.5
Number of under 16's in informal group									
Numeric : under16s	**453.0** **1.2**	32.0 1.4	60.0 1.8	61.0 1.8	139.0 1.4	81.0 0.9	46.0 0.3	23.0 0.5	11.0 0.3
Number of under 11's in informal group									
Numeric : under11s	**453.0** **1.0**	32.0 0.4	60.0 1.7	61.0 1.8	139.0 0.8	81.0 0.8	46.0 0.3	23.0 0.4	11.0 0.3

Cell Contents:
- Column Base
- Mean (-)

Select a variable to see a summary plot:

gear ▼

Stratify by another variable?

● No

○ Yes

Table   Introduction   Talking Points

Descriptive Statistics of gear

	levels	Overall (%)
n		32
gear (%)	3	15 (46.9)
	4	12 (37.5)
	5	5 (15.6)

Select a variable to see a summary plot:

gear ▼

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Table	Introduction	Talking Points

Descriptive Statistics of gear

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➡

Table | Introduction | Talking Points

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Table | Introduction | Talking Points

Descriptive Statistics of gear

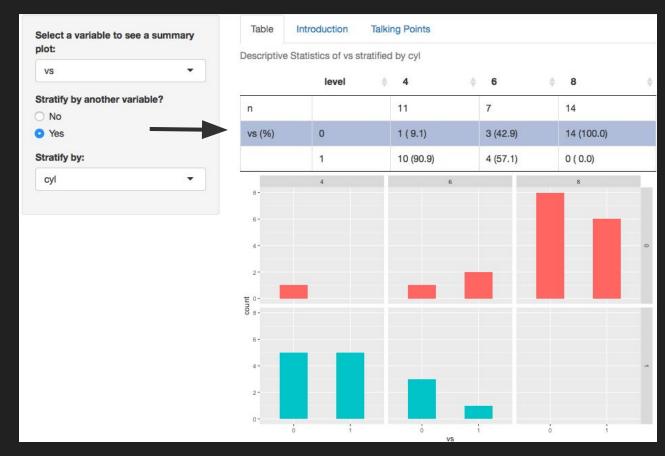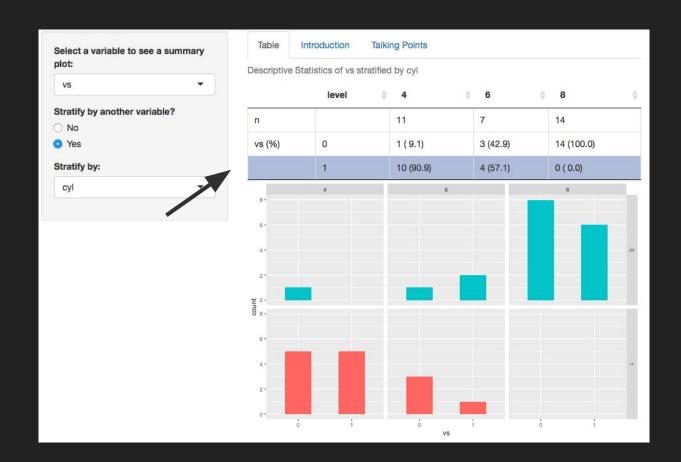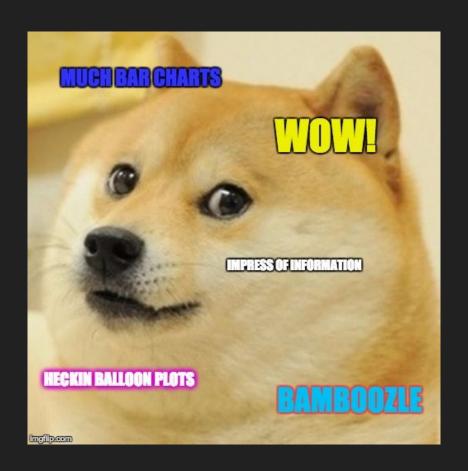| levels		Overall (%)
n		32
gear (%)	3	15 (46.9)
	4	12 (37.5)
	5	5 (15.6)

Let's stratify...

cont...

I get it.

Quit Preaching

- Delivering Tables or Plots to Collaborators

- Easily Digestible

- Slowly talk through important variables

- Do you really need a table that spans over a page?

Build on it here or better yet, build a better one and share it with me!:

https://gist.github.com/shv38339/973fa759f36d23d454cdb8687ca06ce3

Thanks to shiny, DT, and tableone packages/tools