Wicked cool demo

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Contents

Table 1: Look at these diamonds.

carat	cut	color	clarity	depth
Min. :0.200	Fair : 1610	D: 6775	SI1 :13065	Min. :43.0
1st Qu.:0.400	Good : 4906	E: 9797	VS2 :12258	1st Qu.:61.0
Median :0.700	Very Good:12082	F: 9542	SI2 : 9194	Median :61.8
Mean :0.798	Premium :13791	G:11292	VS1 : 8171	Mean :61.8
3rd Qu.:1.040	Ideal :21551	H: 8304	VVS2 : 5066	3rd Qu.:62.5
Max. :5.010		I: 5422	VVS1 : 3655	Max. :79.0
		J: 2808	(Other): 2531	

1 Introduction

There are some better examples out there, check this and that and over here.

2 Methods

Look at the diamonds we research. See Table **??**diamonds

2.1 Study Area

3 Results

With a random example dataset, we can produce a random example figure @ref{fig:clarity}.

4 Discussion

Some statement requiring a citation (Webber and Vander Wal 2018).

5 Cool things to try:

1. reorder some of these sections (wow, look the toc changes)
2. reorder the code chunks (hmm will the figure numbers change?)
3. change the data, and notice the plots change (reproducible, neat!)
4. Change the output format
5. Change something and look at git

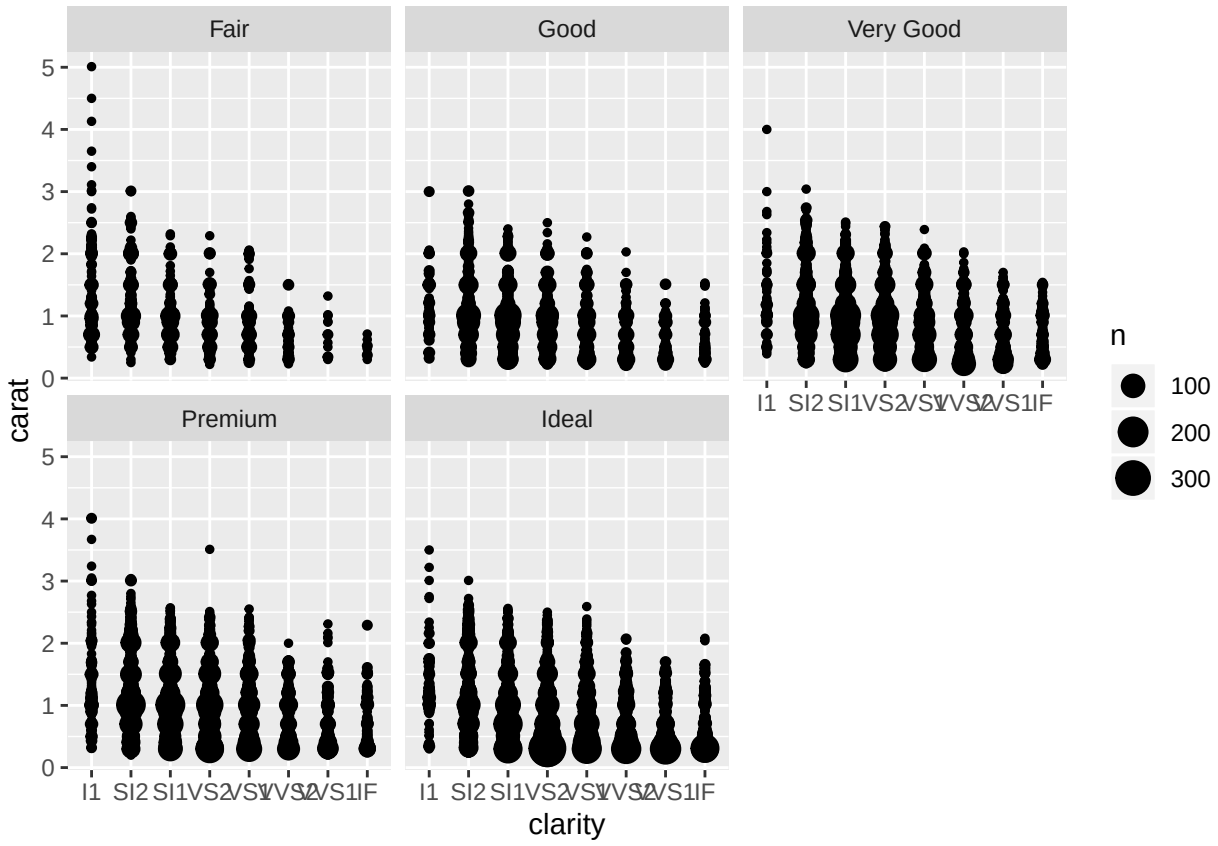

Figure 1: The relationship between clarity and carat. Who knows anything about diamonds?

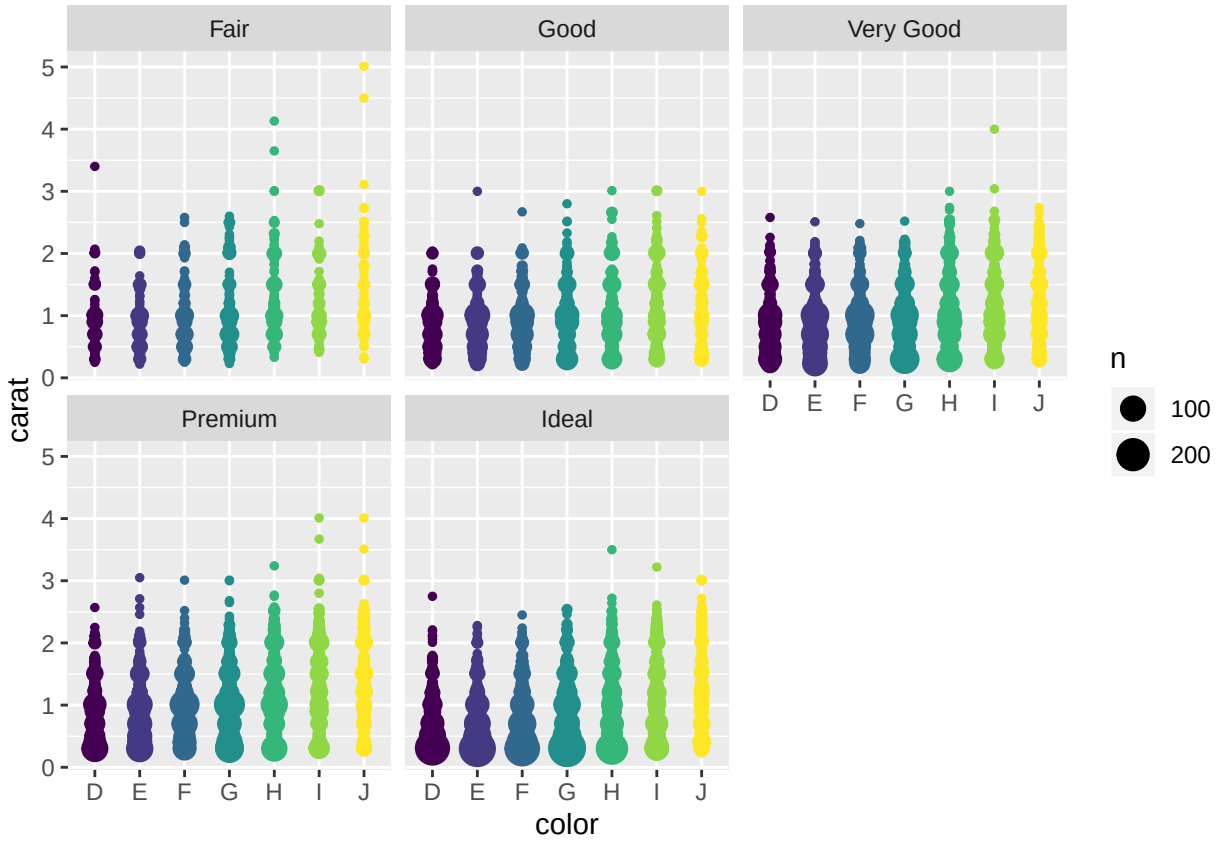

Figure 2: The relationship between color and carat, colored by carat. Huh, look at that, I'm representing the same information in two different ways. Feels like that's an unnecessary (though aesthetically pleasant) thing to do.

References

Webber, Quinn M. R., and Eric Vander Wal. 2018. "An Evolutionary Framework Outlining the Integration of Individual Social and Spatial Ecology." Edited by Elizabeth Derryberry. *Journal of Animal Ecology* 87 (1): 113–27. https://doi.org/10.1111/1365-2656.12773.