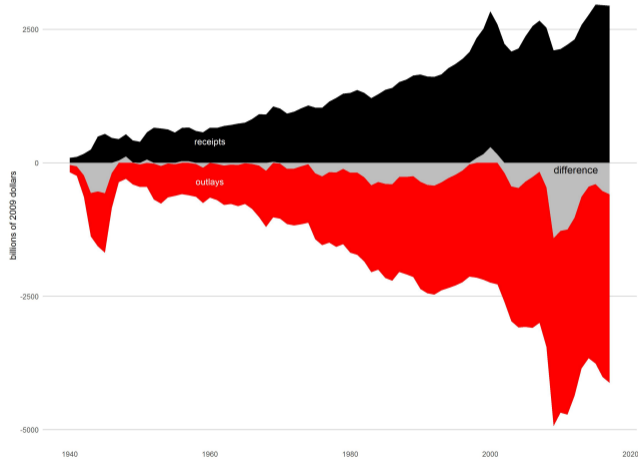


My Surplus Chart

My Surplus Chart



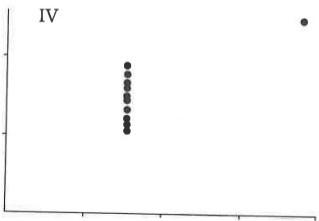
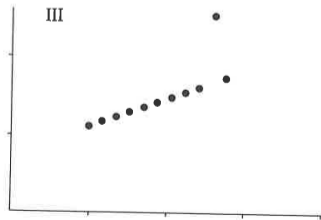
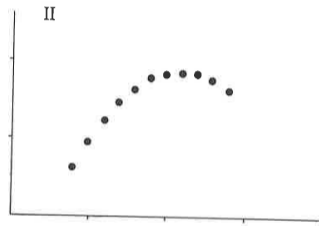
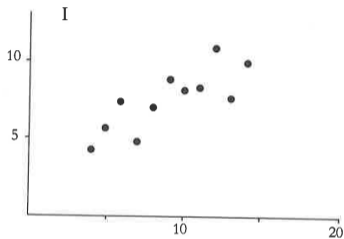
A Reminder and Example: Anscombe's Quartet

Same mean, same variance

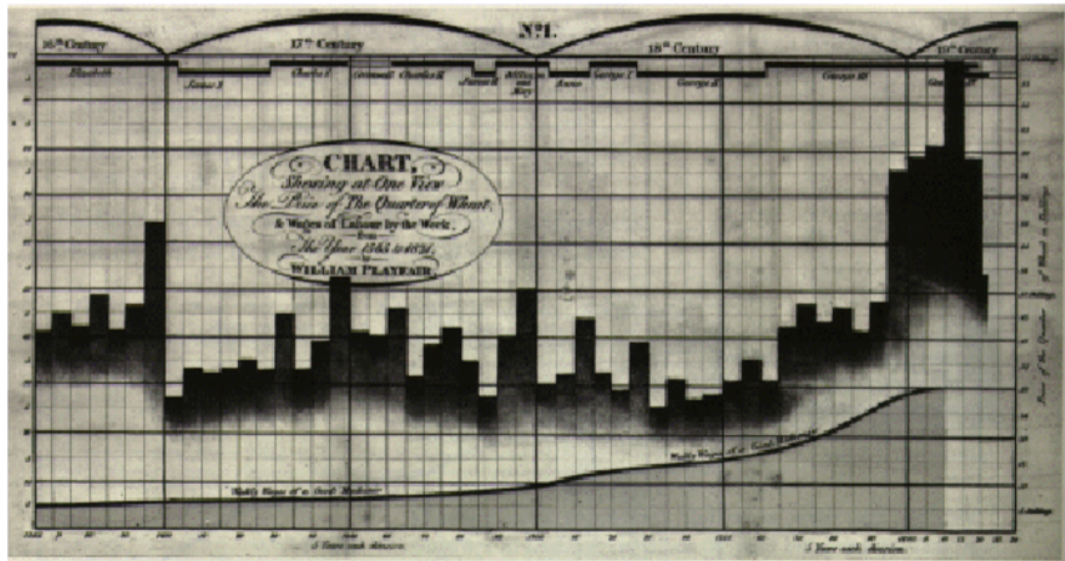
I		II		III		IV	
X	Y	X	Y	X	Y	X	Y
10.0	8.04	10.0	9.14	10.0	7.46	8.0	6.58
8.0	6.95	8.0	8.14	8.0	6.77	8.0	5.76
13.0	7.58	13.0	8.74	13.0	12.74	8.0	7.71
9.0	8.81	9.0	8.77	9.0	7.11	8.0	8.84
11.0	8.33	11.0	9.26	11.0	7.81	8.0	8.47
14.0	9.96	14.0	8.10	14.0	8.84	8.0	7.04
6.0	7.24	6.0	6.13	6.0	6.08	8.0	5.25
4.0	4.26	4.0	3.10	4.0	5.39	19.0	12.50
12.0	10.84	12.0	9.13	12.0	8.15	8.0	5.56
7.0	4.82	7.0	7.26	7.0	6.42	8.0	7.91
5.0	5.68	5.0	4.74	5.0	5.73	8.0	6.89

A Reminder and Example: Anscombe's Quartet

Same mean, same variance

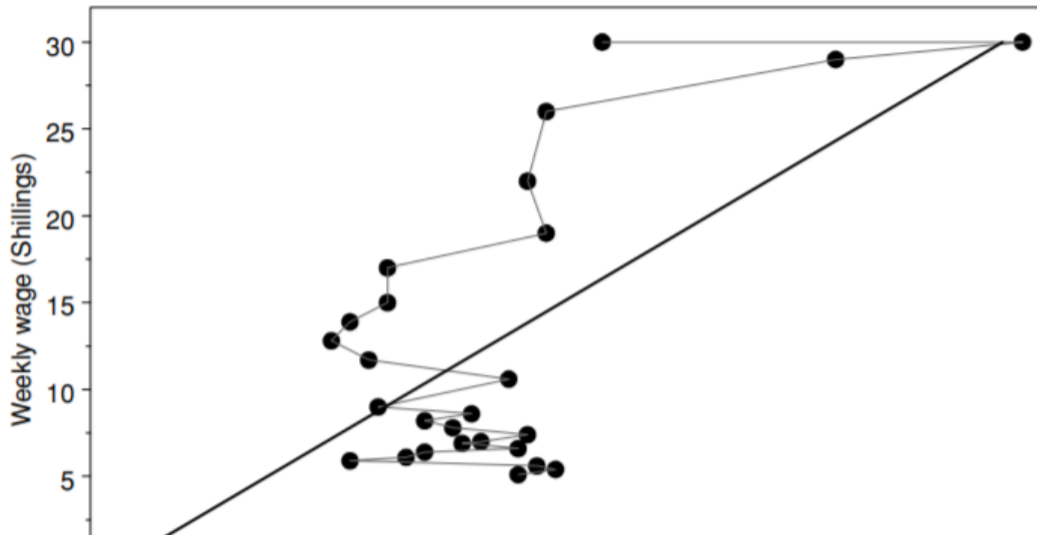


Scatters Are the Most Modern of Graphs We Study



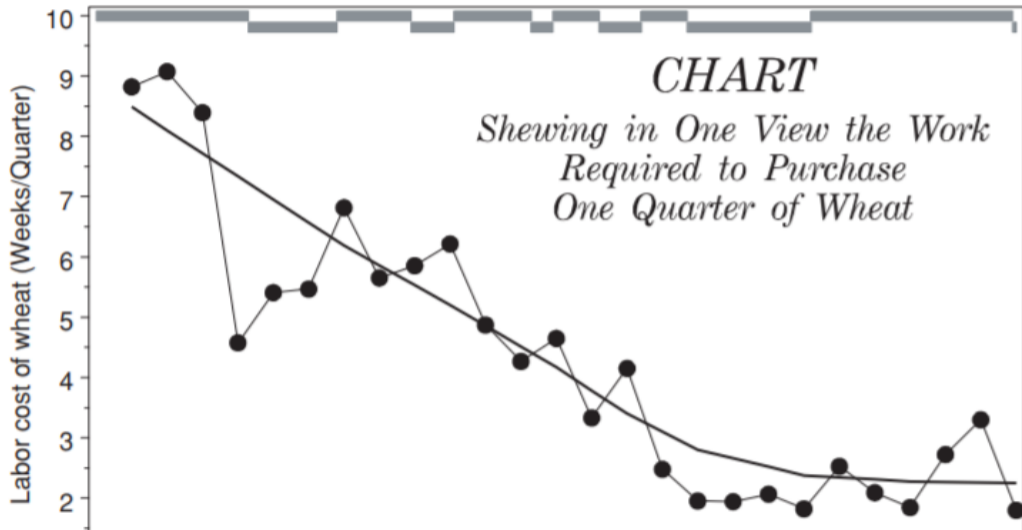
Playfair's Graph as a Proper Scatter

Connecting line is time

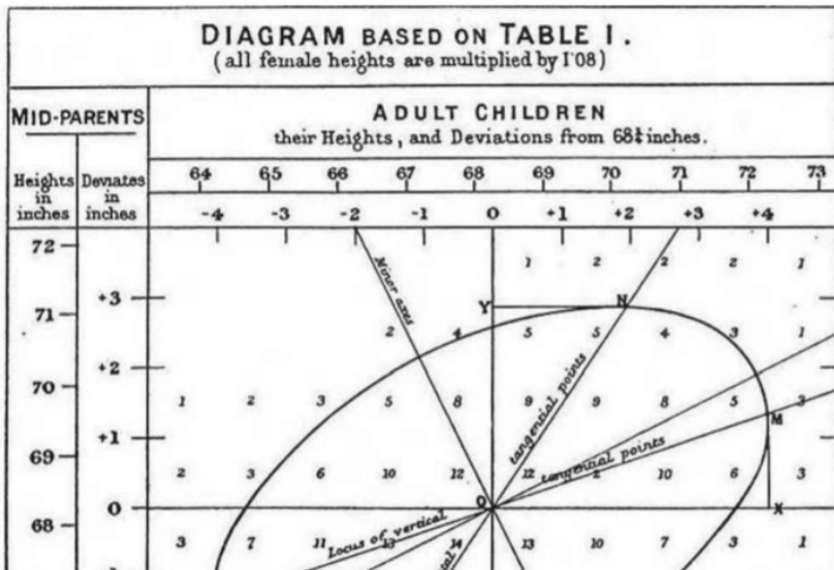


Revision of Playfair Makes the Key Point – But is Not a Scatter

Connecting line is time



Galton's Scatter

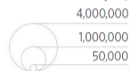


This Should be a Scatter But Was Not

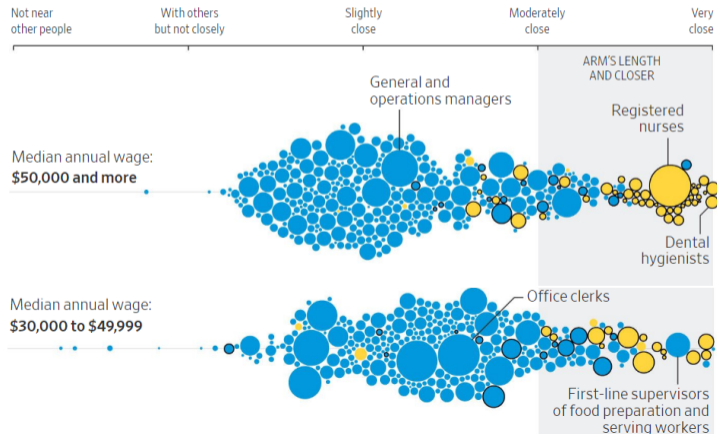
- Non-health-care occupations
- Health-care occupations*

- Requires exposure to disease or infections at least once a month

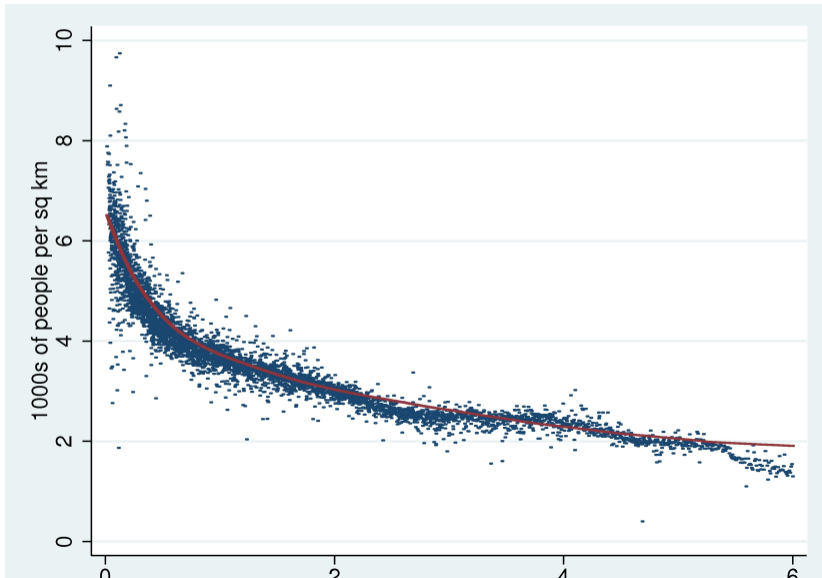
Number of employees



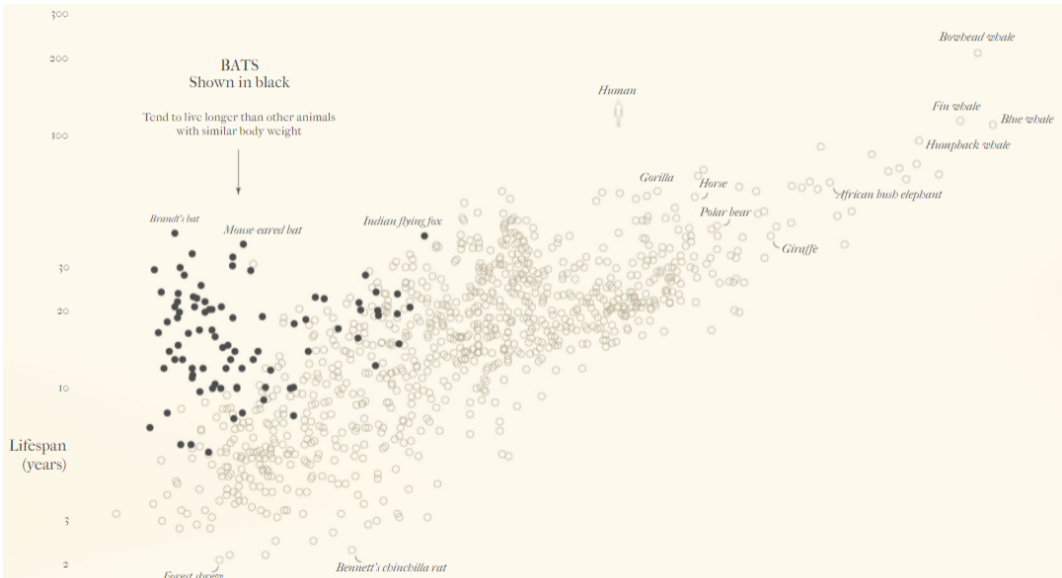
← HOW CLOSE PEOPLE ARE TO ONE ANOTHER AT WORK →



My Best Ever Scatter



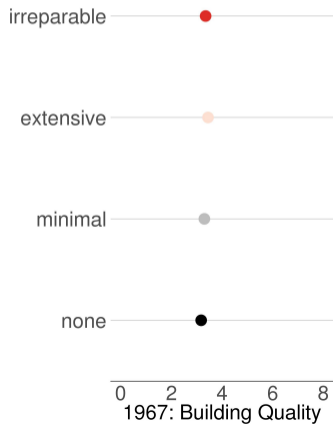
How Can You Annotate a Scatter?



My Small Multiples

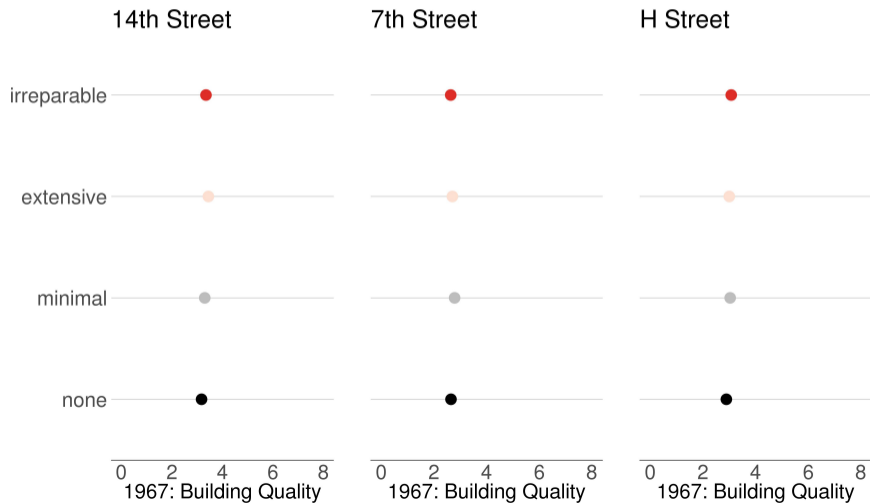
Destruction Roughly Even by 1967 Quality

14th Street



My Small Multiples

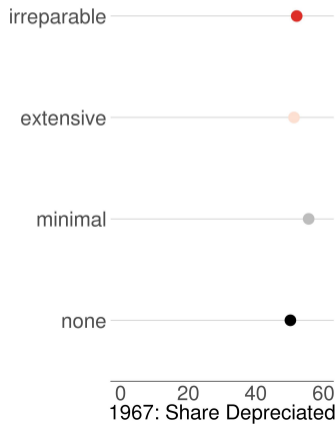
Destruction Roughly Even by 1967 Quality



My Small Multiples

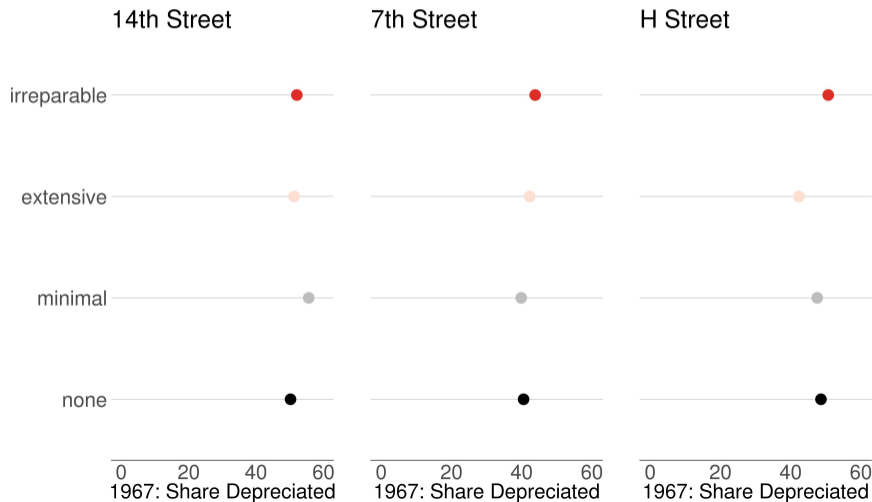
Destruction Roughly Even by 1967 Depreciation

14th Street



My Small Multiples

Destruction Roughly Even by 1967 Depreciation

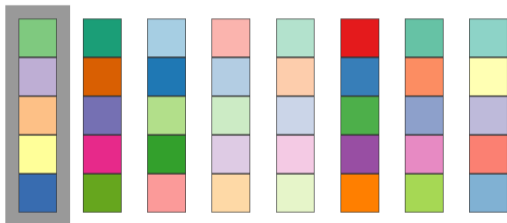


How Beyonce Exploits the Power of Small Multiples



With thanks to [Vibe](#).

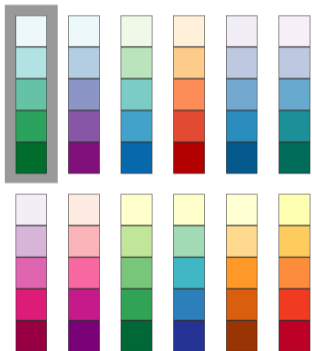
7. Categorical Things Get Qualitative Scales



What kind of categorical things would work well here?

8. Sequential Color for Consecutive Continuous Things

Multi-hue:

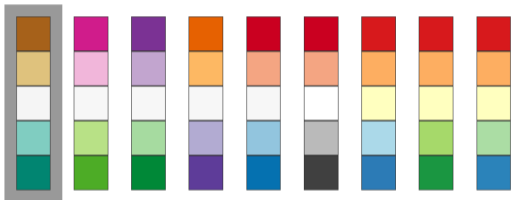


Single hue:



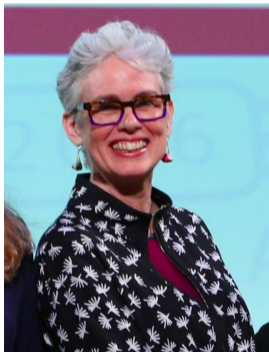
What kind of sequential things would work well here?

10. Diverging Sequential Color



What kind of type of series would work well here?

12. Use Colorbrewer2.org



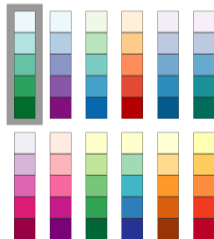
Number of data classes: i

Nature of your data: i

sequential diverging qualitative

Pick a color scheme:

Multi-hue:



Single hue:



12, cont'd. MetBrewer Uses This Framework

