Static viz: suggesting order

- In oral or written communication, we can point at important things and say "LOOK! THIS IS THE COOL PART!"
- Or we can reveal things in a mysterious way
- Static visual communication is harder we want to show everything for context, but highlight the cool part



See what we want you to see before you even know it's happening



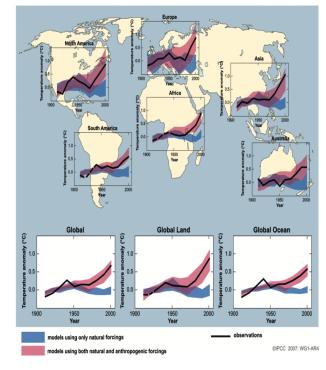
- Signal where to look
- Emphasise important parts what is the take-away?
- Show heirarchy lead audience through information in the right order



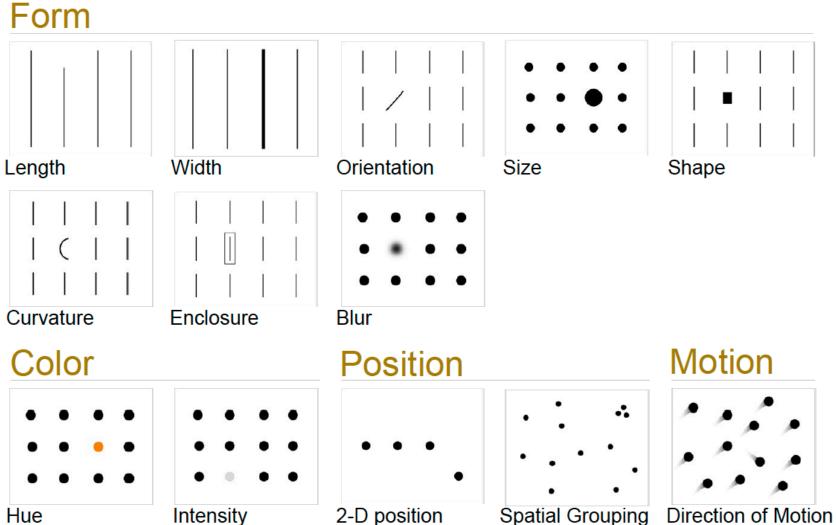
In text, we know how to emphasise different elements

What about in symbols or visualisations?



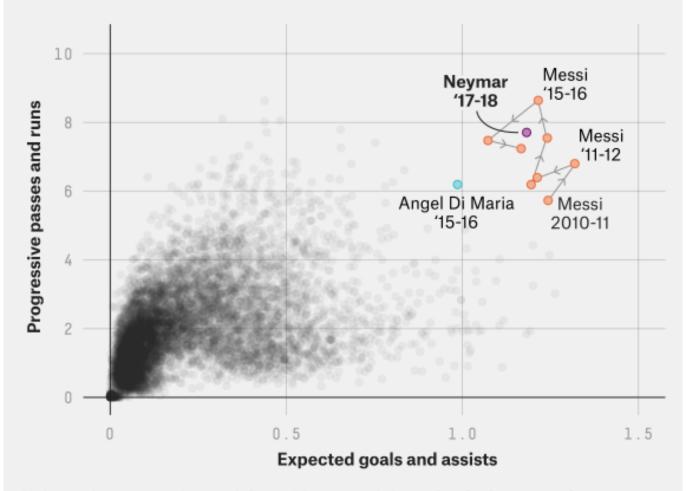


Preattentive attributes of visual perception



Neymar has been playing like Lionel Messi

Every player-season in Europe's big five leagues by progressive passes and runs* per 90 minutes vs. expected goals and assists per 90 minutes, 2010-18



*When a player moves the attack forward by 10+ yards beyond its furthest point of progression or moves the ball into the penalty area for the first time in a possession.

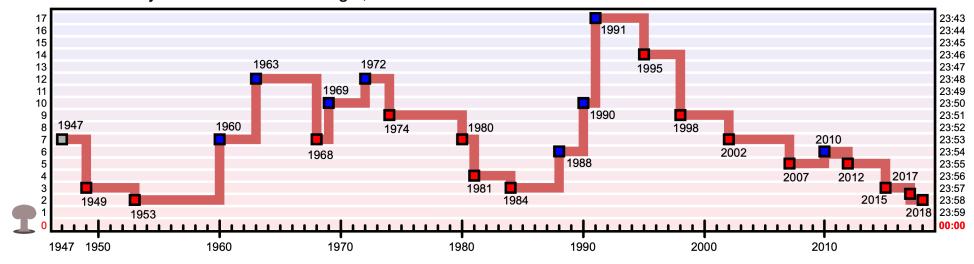
Excluding players' seasons in which they played less than 1,500 minutes.

QUT the university for the real world FiveThirtyEight



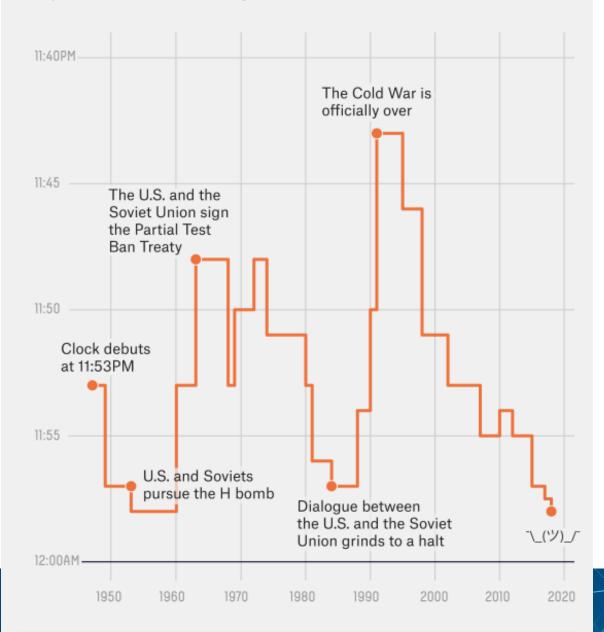
SOURCE: OPTA SPORTS

Doomsday clock: minutes to midnight, 1947-2018



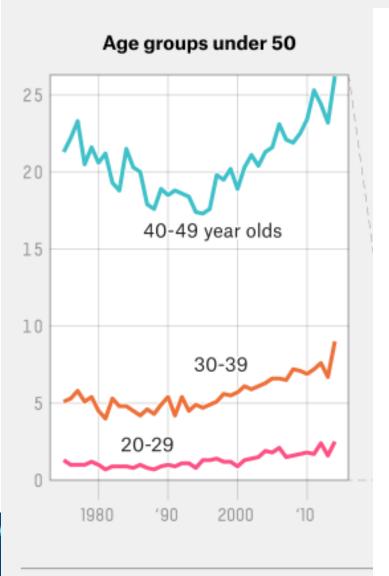
The clock strikes at midnight

The position of the Doomsday Clock since 1947



More younger people are getting colorectal cancer, but it's still relatively rare

Cases of colorectal cancer per 100,000 people, by age group







In future effective data viz lecture, we will talk about how to lean on preattentive attribute theory to

make better graphics

(and how to implement them in ggplot2 & R)

