

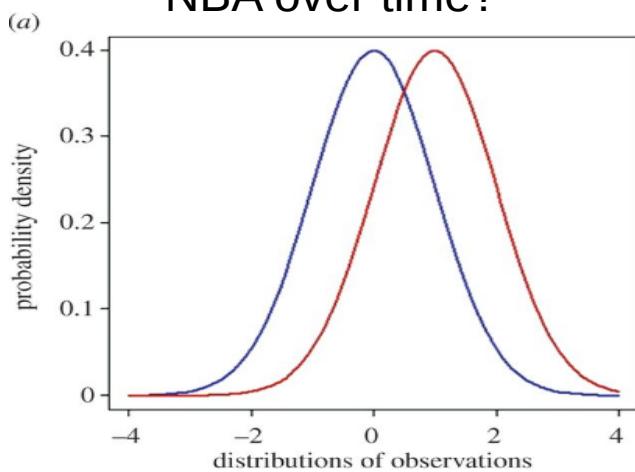
# GAME OF ZONES



NBA players are taller and heavier than ever

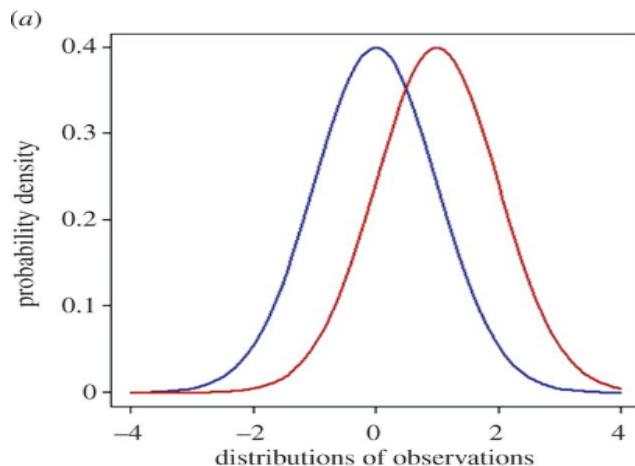


NBA over time?





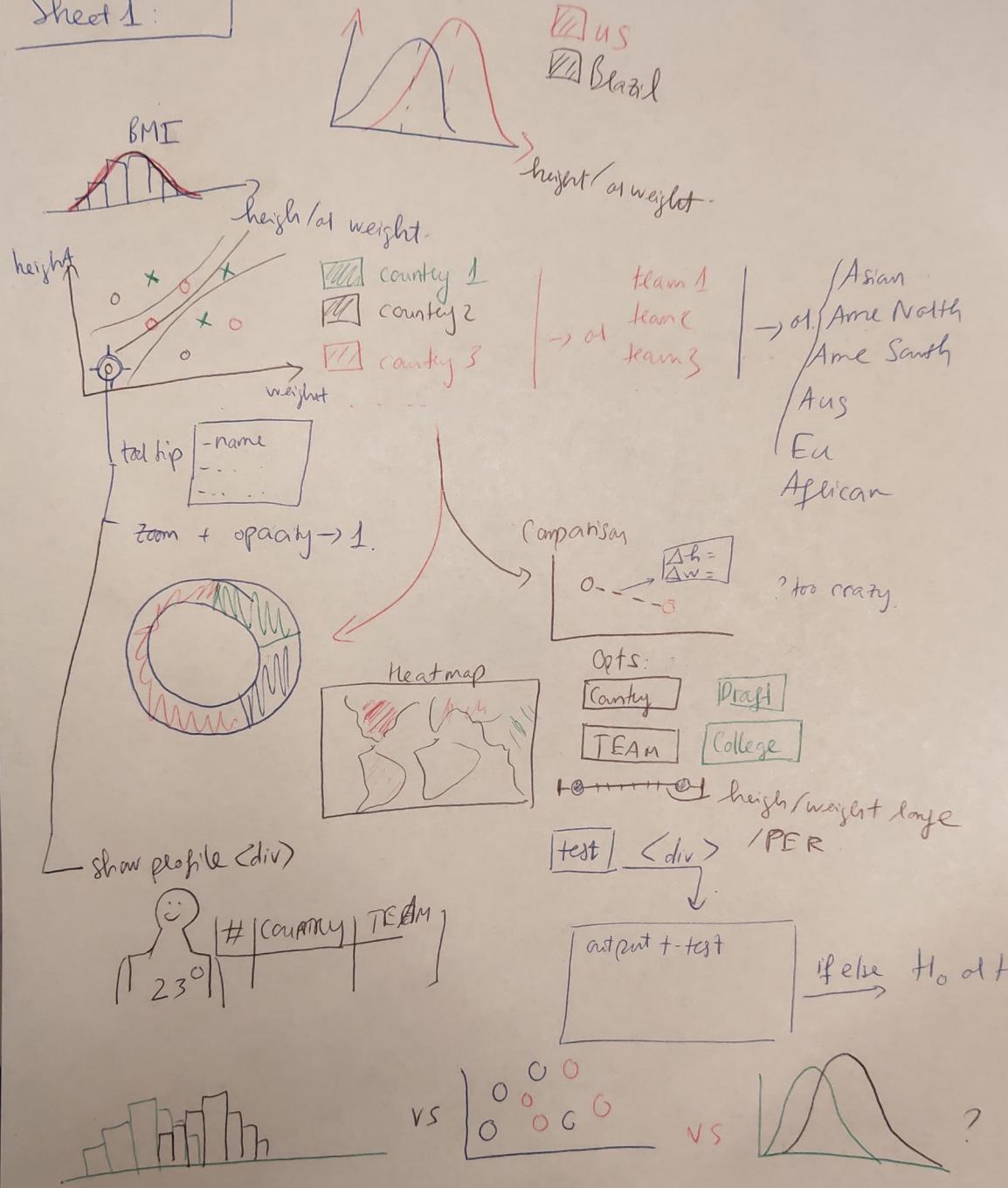
US vs Foreign players?

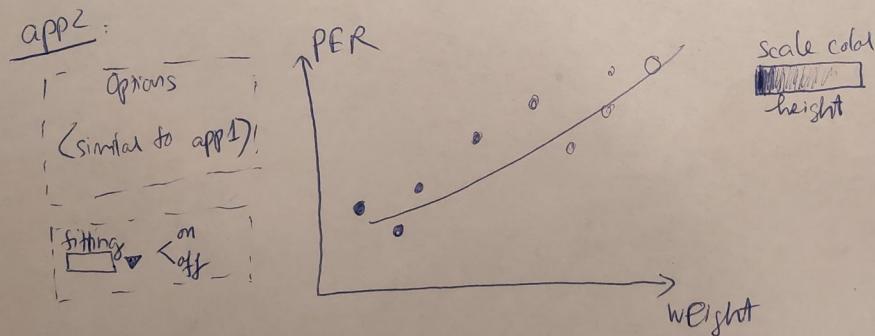
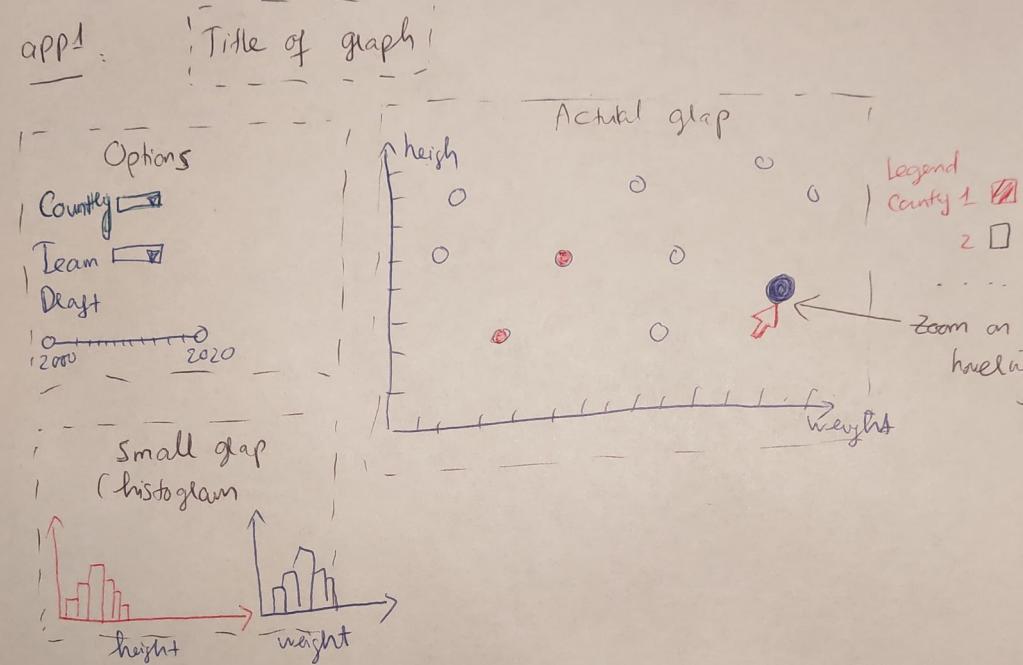




Is bigger always better?

Sheet 1:





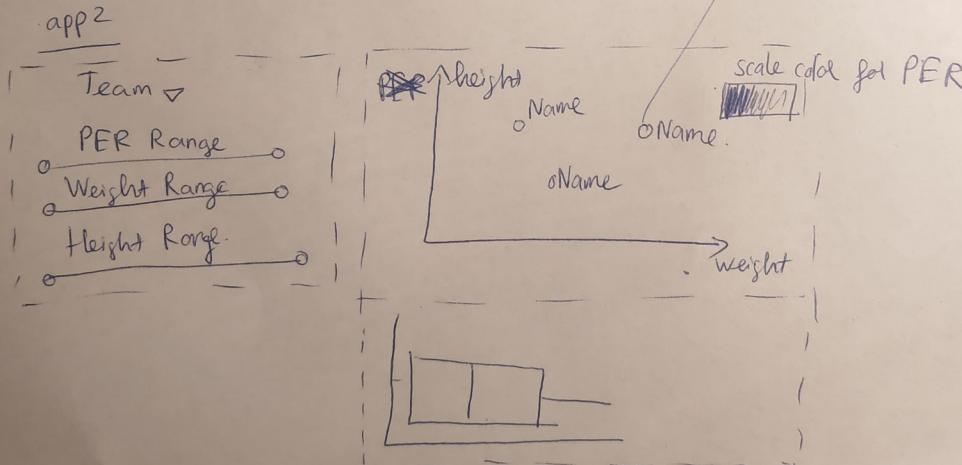
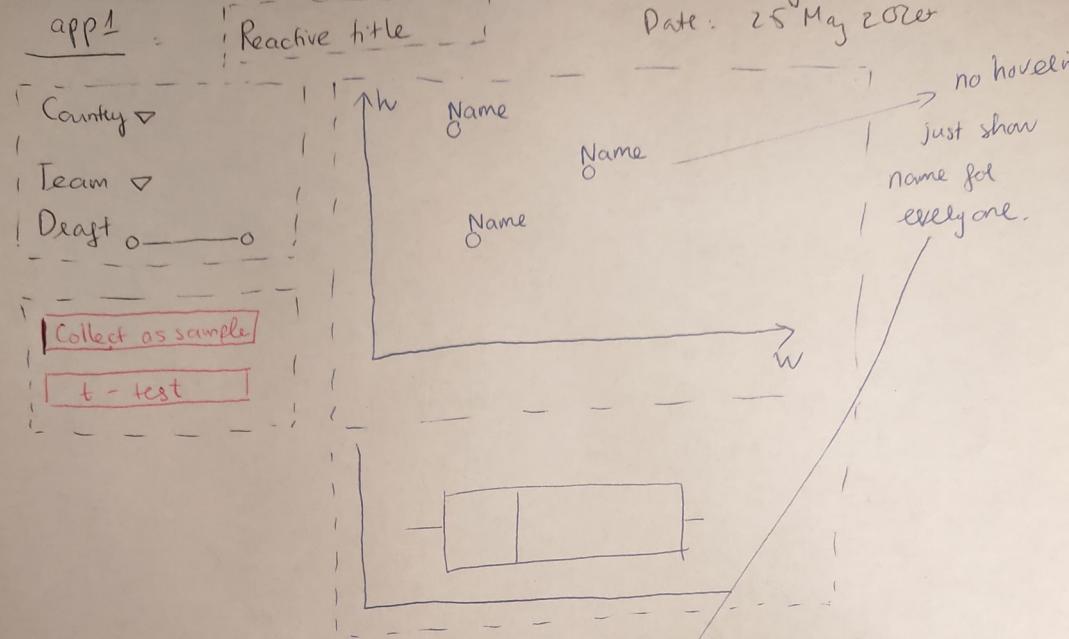
- disadvantages:
  - app2: scale color for height is distracting.
  - Legend for county in app1: may not be necessary.
- advantages:
  - Solid options: Country, Team
  - hovering is cool, should be in app2 as well.

Sheet 3

Title : Solution 2.

Author: Thy Ng

Date: 25 May 2022



- disadvantages: - show names may be too overcrowded.

- use a single button for collection may prone to missing

⇒ suggestion: - messages / noti . . .

~~Improve~~

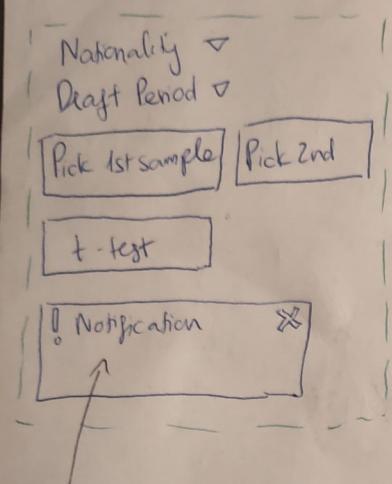
- drop height or weight for app2 because scale col is still distracting (maybe)

Sheet 4

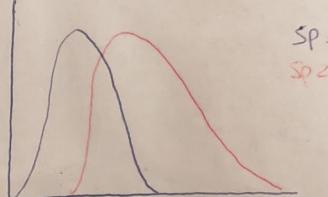
app 1

Reactive title

Title: Solution 3  
Author: Ting Ng  
Date 25 May 2020



key focus: point out t-test  
and interpret it



app 2:

height  
PER  
Team ▽  
Fitting line



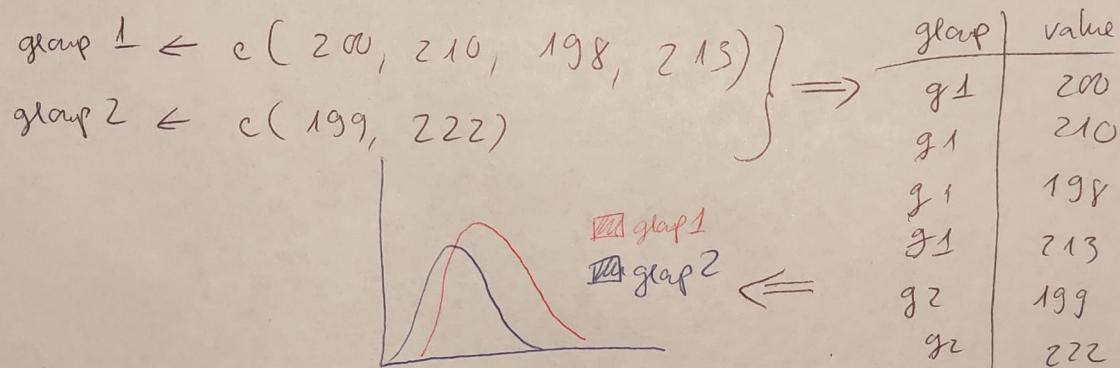
- maybe difficult to implement tooltip like this, but it looks really good!
- kernel for app1 is spot on, box plot for app2 is also a good choice.

## Sheet 5

app 1: - The Layout looks like in sheet 4

- library used: scatterD3: allows zooming, dragging

- need some helper functions (available ones) to manipulate data before feeding the plotting function: the overlaid density plot requires a specific kind of data that I don't have in stock, but have to generate AT RUN TIME upon users' interaction.



app 2: - The layout looks like in sheet 4

- cannot use scatterD3 here because in this app we have more customizations (fitting line)  $\Rightarrow$  tool tip basic by shiny. Not as sleek

