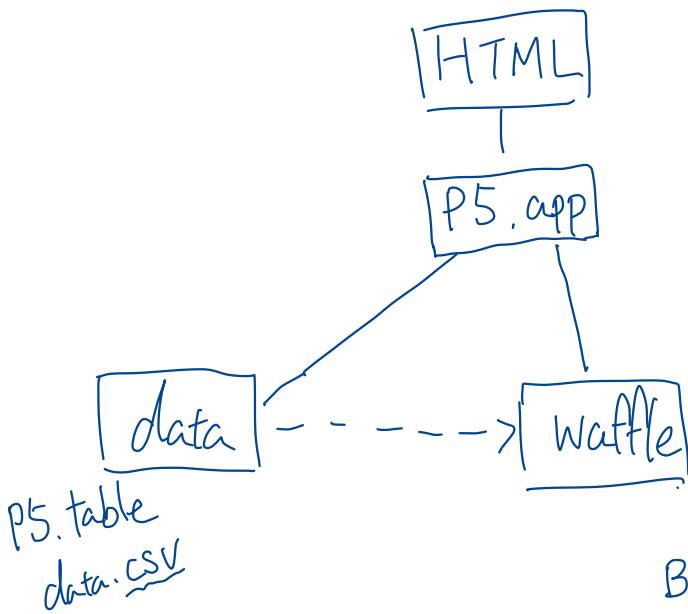


Waffle chart



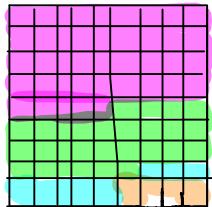
Waffle

Private
table - column
x
y
height
width
boxes - across
boxes - down
boxes [] []
Colours
categories
Public
draw()
checkmouse()

Box

private
x, y, width,
height, category
public
draw()
mouseOver()

It's based on
number of seats
that each party
earned.

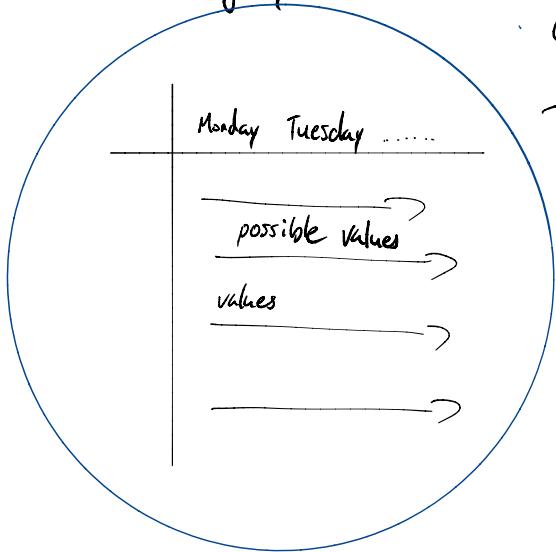


this.data.getString(i, 0)
→ party name.

table

Years →	
party	number of seats they got.
1	↓

category = party.



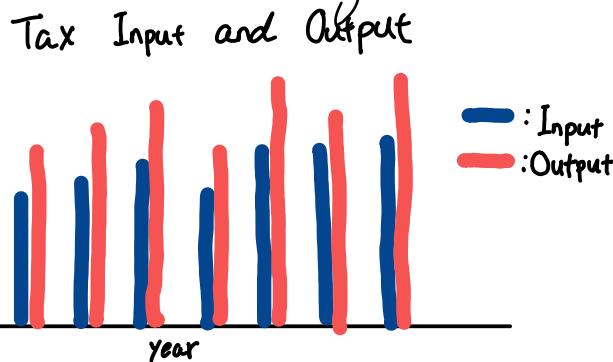
categories[i].count
→ column[i]

possibleValues = number of seats

* there are multiple possibilities on
original but election-result is just
one (number of seats).

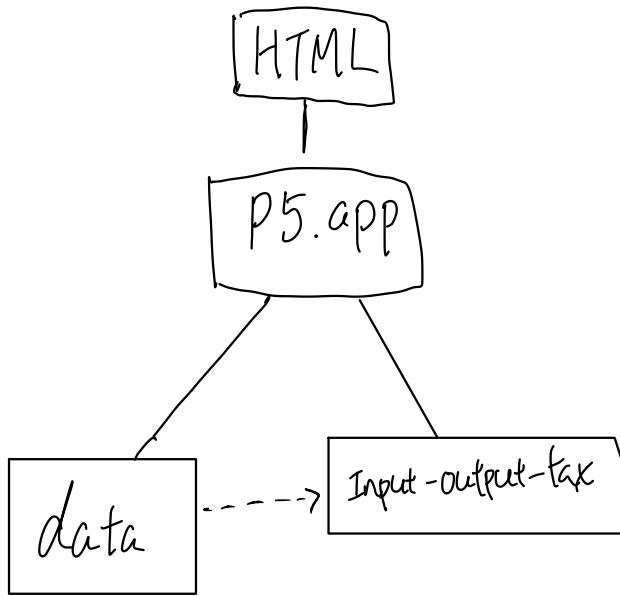
When mouse is on the chart,
display exact value that chart is
representing.

Tax Input and Output



- Use map() to draw each bar.
- Use basic layout from existing template for drawing x and y -axis .

Tax Input and Output



Input - Output - Tax

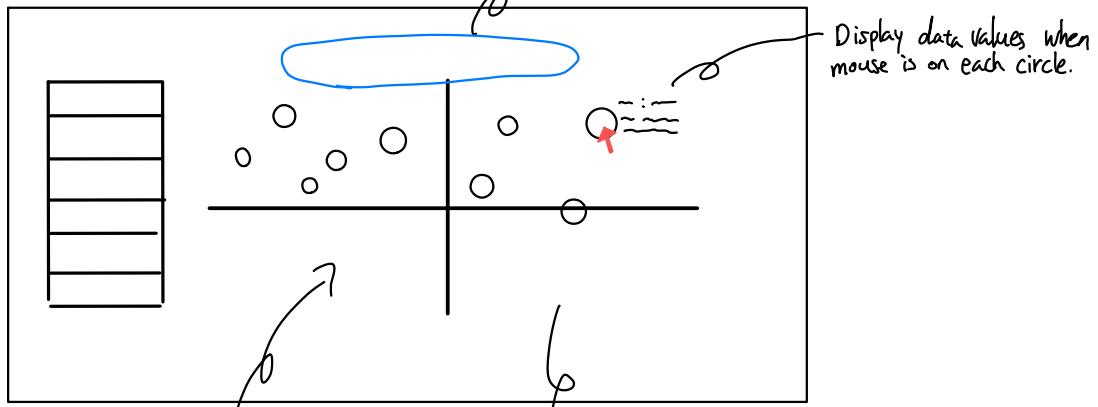
Private
<code>name</code>
<code>id</code>
<code>title</code>
<code>x, y - axis</code>
<code>mapYearToWidth</code>
<code>mapTaxToHeight</code>
<code>rect()</code>

Public
<code>draw()</code>
<code>layout()</code>

Pay gap by job

a line of title like description
of what this graph IS.

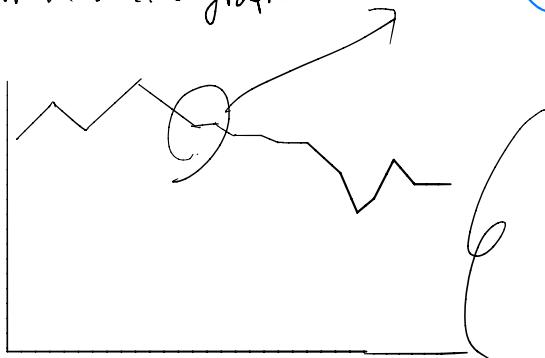
Add title.



- Extentions to add on existing template.
 - Display data when mouse is on the certain location of chart
 - Add some animations ?
 - Maybe title on chart is not necessary since there is a section on left side of canvas which display title of each template

~Small details~

~with a line graph.



year : 1111
value : 12345

use dist()

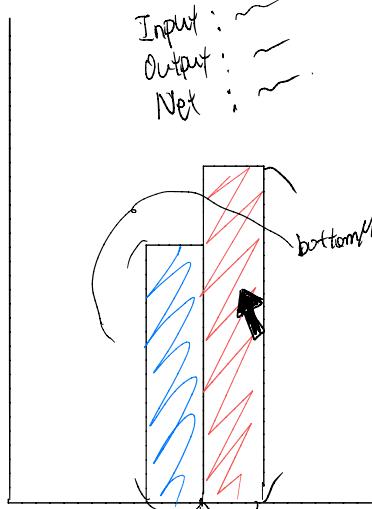
and when mouse

is within blue area, display data values

↑
use same idea for bar graph

use .toFixed(n) function
to round a number to specific
decimal place.

Input : ~
Output : ~
Net : ~



mapYearToWidth()

mapTaxToHeight()

- Input

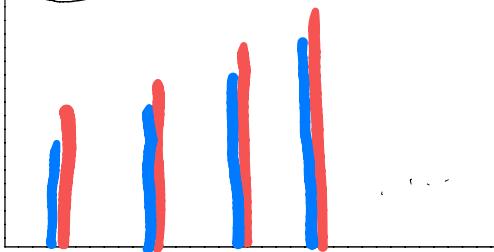
var width = mapYearToWidth(year) - barWidth.
if (mouseX < mapYearToWidth(year) AND
mouseX > Width AND
mouseY < bottomMargin AND
mouseY > mapTaxToHeight(input))
display data value

- Output

var width = mapYearToWidth(year) + barWidth

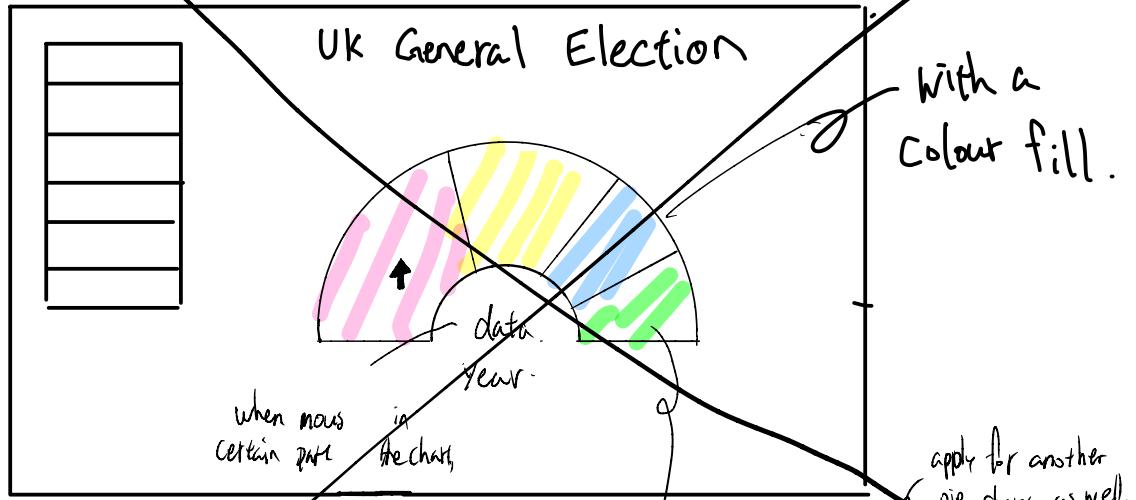
if (mouseX > mapYearToWidth(year) AND mouseY < width
AND mouseY < bottomMargin AND mouseY > mapTaxToHeight(output))
{ display data value }

display a data value
on top left of the chart.



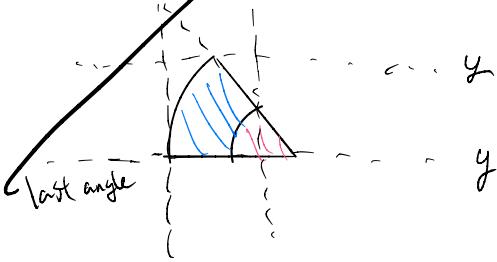
new idea:

Election result interface design



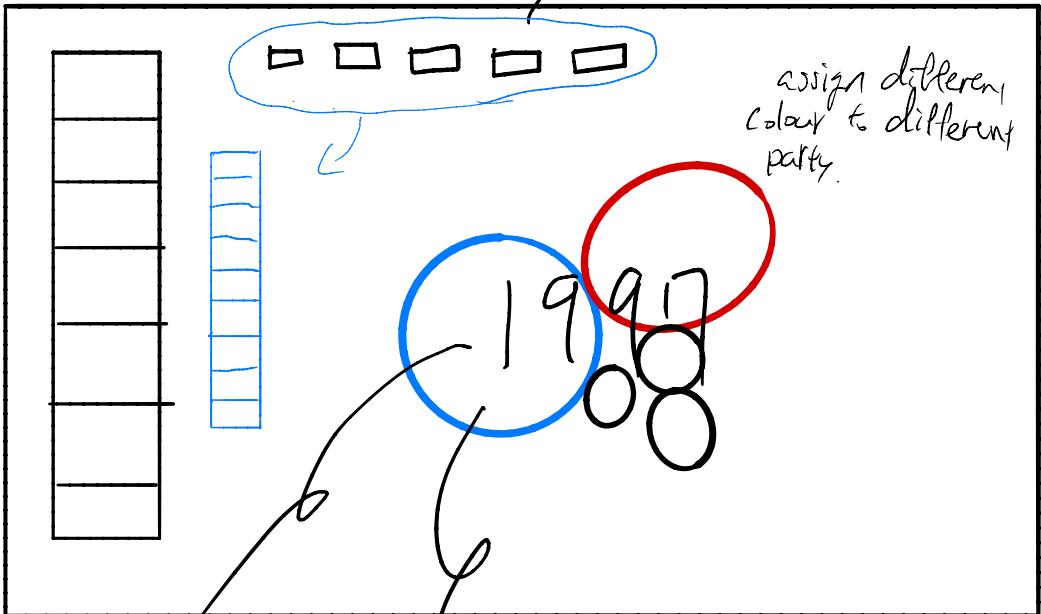
last angle + angle[i]

how do I specify each area on the chart?



y → length of each arc.

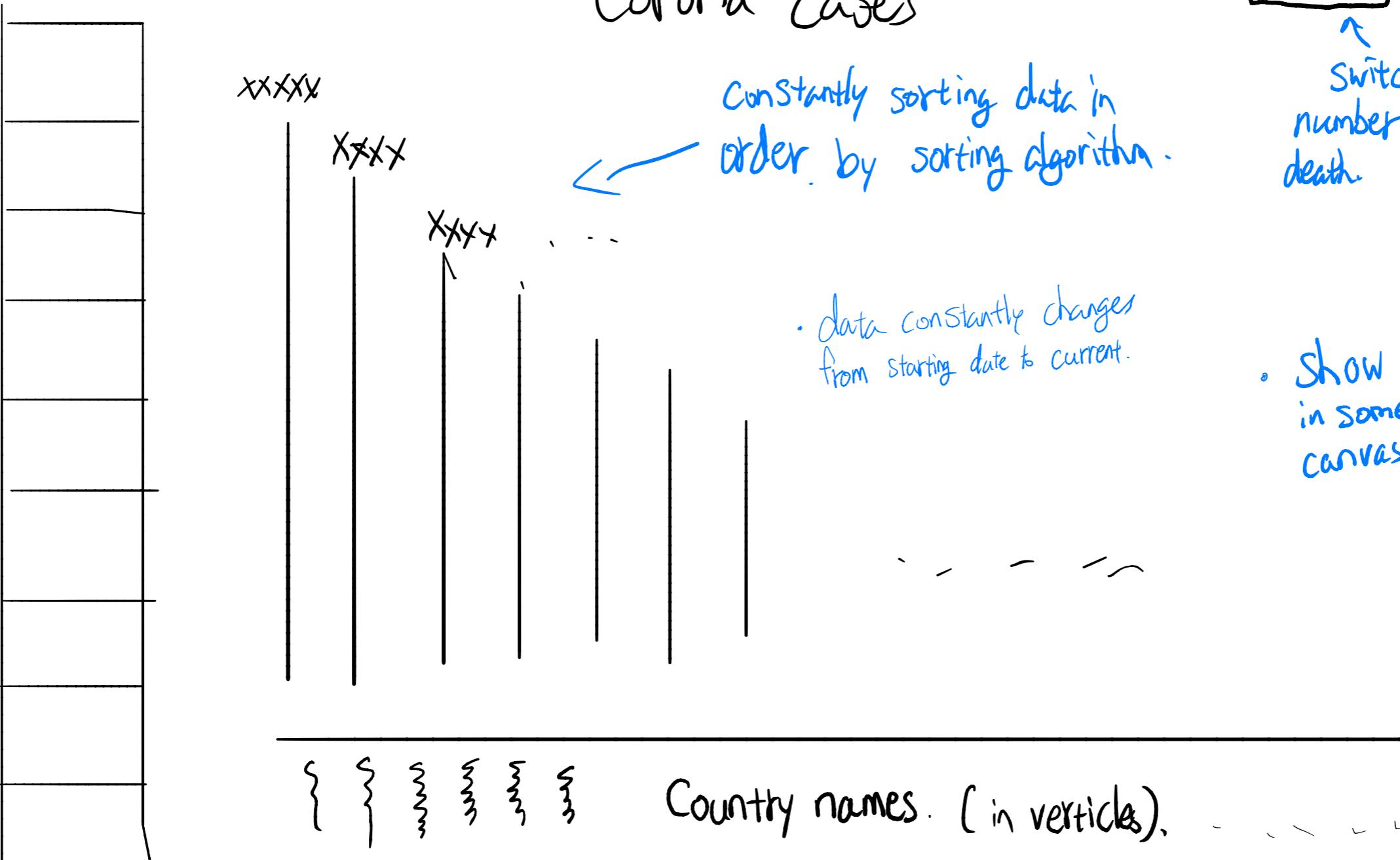




display year of data in background.

size of circle represent number of seat that each party got.

Corona Cases



• Display total cases in somewhere

Constantly sorting data in
order by sorting algorithm.

• data constantly changes
from starting date to current.

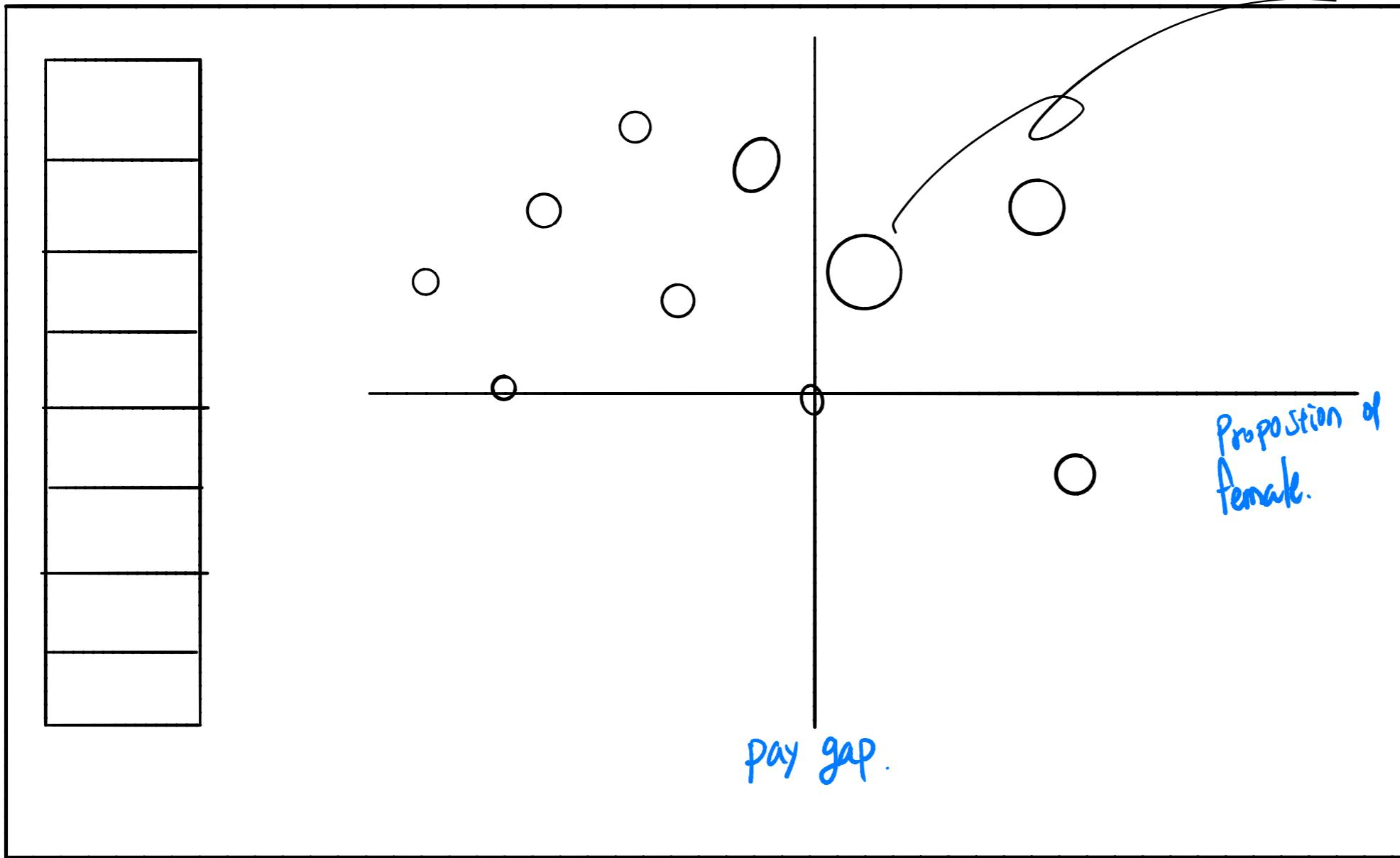
• Show dd/mm/yy
in somewhere on
canvas

Cases

Death

↑
Switch between
number of cases and
death.

Attempted but couldn't figure out how to represent them on time.



Color each of them
based on pay gap.

proportion of
female.