

# Plotting

x, y Continuous  
z Discrete  
a, b Categorical

b	x	y	a	z
B1	0.2	15	a2	1
B2	0.1	5	a2	2
B3	0.9	10	a1	0
B4	1.5	20	a2	4

Imagine there were 8 rows.

Scatterplot



Ignore this

LOL, SORRY!

But in our case, many scatterplots can be drawn!

geom\_point()



I drew in 4 more hypothetical data points.

These scatterplot axes can be any combo of x, y, z.

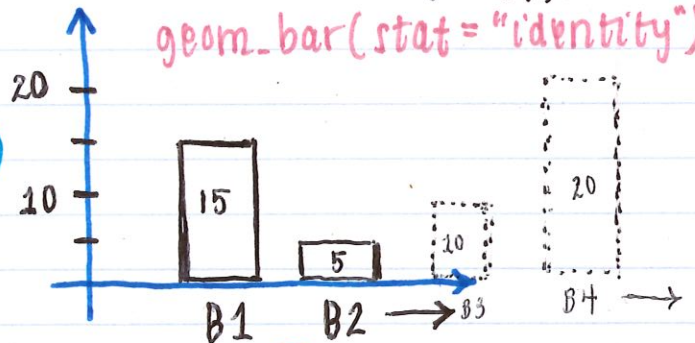
Bar plot

geom\_bar(stat="count")



(As many as there are unique values of variable a)

geom\_bar(stat="identity")



\* PRACTICE

How would you plot:

- (i) x+y and z
- (ii) b and z
- (iii) Just y

?

When do you need to specify x and y

within ggplot(data, aes(x, y))?

Histogram

geom\_histogram()

