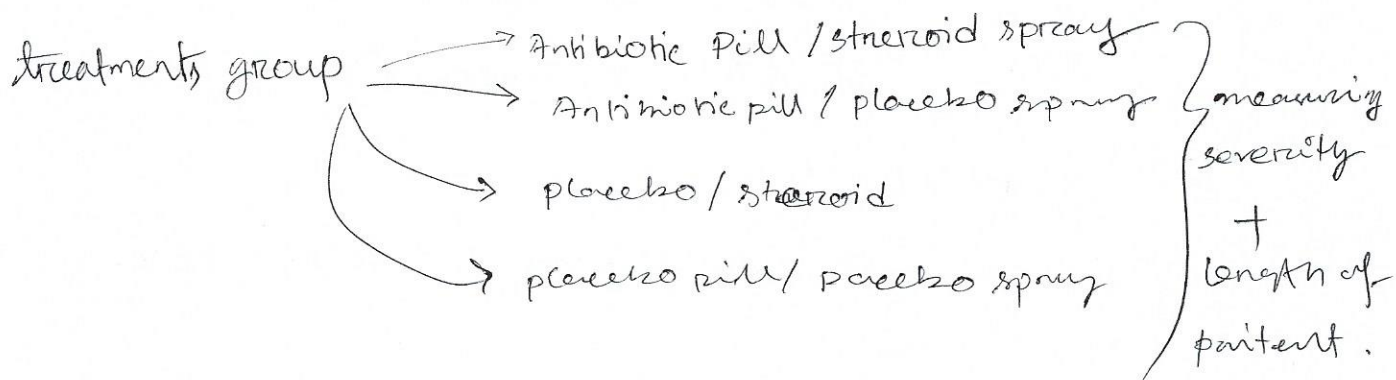


04/05/2019

a) Start with 240 → Randomly assigned them to one of 4



b) list of 240 people.

1. Name
2.
3.
⋮
240

2. a 1000 people who received survey.

b. 137 people who returned the survey.

c. ~~of~~ no, because I don't know what is happening.

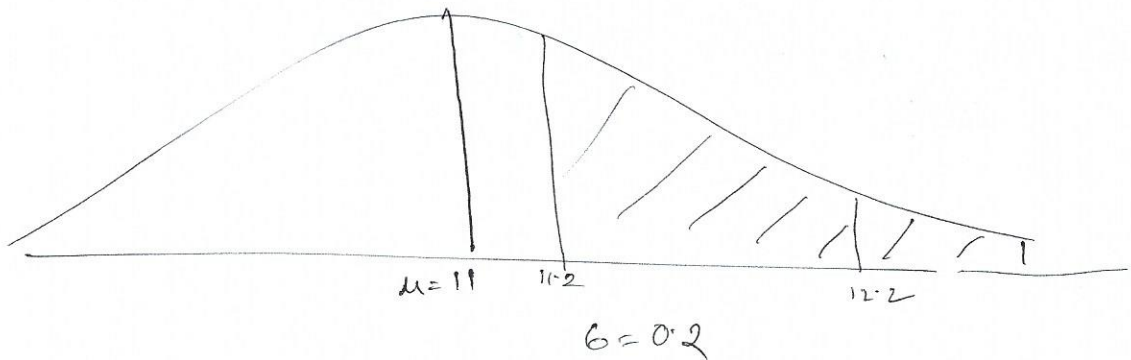
Responses are likely to be very small positive or negative.

- 5.
- 20% (undergrad) business
 - 15% (") not business
 - 60% (grad) employed
 - 5% (grad) (not employed)

(a) $20 + 15 = 35\%$

(b) No undergrad business = $100\% - 20\% = 80\%$

6.



a)

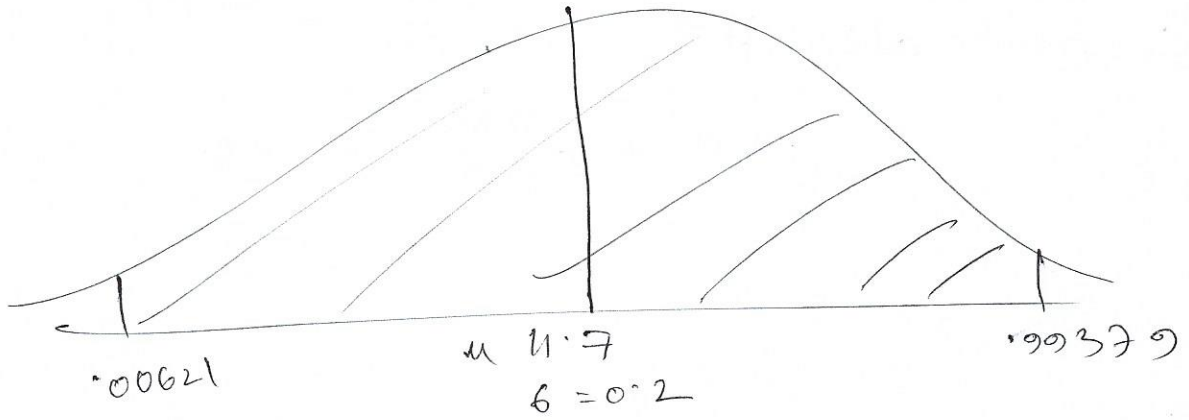
~~10222~~ $z = \frac{11.2 - 11}{0.2} = 1$

$z = \frac{12.2 - 11}{0.2} = \frac{1.2}{0.2} = 6$

84% to 100%

$100 - 84.134 = 15.866\%$

8)



$$z = \frac{11.2 - 11.7}{0.2} = \frac{-0.5}{0.2} = -2.5$$

$$z = \frac{12.2 - 11.7}{0.2} = \frac{0.5}{0.2} = 2.5$$

$$P(-2.5) = 0.00621$$

$$P(2.5) = 0.00379$$

$$0.00379 - 0.00621 = 0.98758$$

Survival rate	good	Bad
Hospital A	$\frac{594}{600} = 99\%$	$\frac{1443}{1500} = 96\%$
Hospital B	$\frac{592}{600} = 98\%$	$\frac{192}{200} = 96\%$

	Hos A	Hos B
died	63	16
Survived	$594 + 1443$ 2037	784
	2100	800

(7)

Survival rate H A = $\frac{2037}{2100} = 97\%$.

H B = $\frac{784}{800} = 98\%$.

8.