

In class activity: Checking Your Progress pg. 25 (See Back)

Step 1. Define the context.

Population

Sample

IV

DV

Scale

Descriptive Statistics

Mode-Most frequently occurring score. Symbol (M_o)

Mean-Average. The 50% mark. Symbols- Parameter (μ)
Statistic (\bar{X})

Range-Highest and lowest scores. Symbol (R)

Relative=Percentage

$$\%f = f/N (100)$$

$$\text{cum } \%f = \text{cum}f/N (100)$$

******Rounding-you decide how to round. You decide when to round******

Homework: Pg 33 #3, #7 and Pg 62 #19

Watch the TEDtalk video in Canvas.

	X	f	cum f	%f	cum% θ
Pop Grad Students	27	1	50	2	100
Sample Some Grad Students	26	3	49	6	98
IU None	25	2	46	4	92
DV # of trials	24	4	44	8	88
scale Ratio	23	2	40	4	80
	22	1	38	2	76
<u>Descriptives</u>					
	21	3	37	6	74
	20	4	34	8	68
$N = 50$	19	5	30	10	60
$M_o = 19$	18	4	25	8	50
$R = 7.27$	17	4	21	8	42
$\bar{X} = 18$	16	3	17	6	34
	15	1	14	2	28
	14	2	13	4	26
	13	2	11	4	22
	12	1	9	2	18
	11	1	8	2	16
	10	2	7	4	14
	9	2	5	4	10
	8	2	3	4	6
	7	1	1	2	2