

# Study Session Week of 09/25

## Objectives:

- I will enter data into the calculator successfully.
- I will analyze data both visually and numerically using the calculator successfully.
- I will describe and compare data correctly.

## Agenda:

- Together enter, analyze, describe & compare data.
- Individually enter, analyze, describe & compare data.
- Grade/discuss successes and challenges.

# Example Data

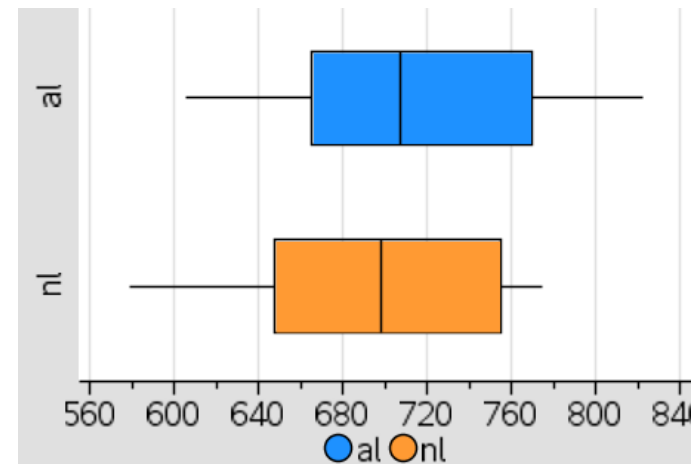
1. Start a new document as a spreadsheet
2. Enter AL data into column A (make sure to title column)
3. Enter NL data into column B (make sure to title column)
4. Use one-variable statistics to calculate numerical summaries.
5. Add a new page – as

2016 Season			
AL Team Runs		NL Team Runs	
BAL	715	ARI	755
BOS	739	ATL	687
CHW	664	CHC	765
CLE	769	CIN	718
DET	707	COL	772
HOU	822	LAD	717
KCR	665	MIA	693
LAA	665	MIL	693
MIN	751	NYM	698
NYY	811	PHI	647
OAK	700	PIT	647
SEA	705	SDP	579
TBR	644	SFG	603
TEX	770	STL	719
TOR	605	WSN	775

# Writing about it one set

- **C**enter
- **U**nusual Features
- **S**hape
- **S**pread
- **IN CONTEXT!!!**

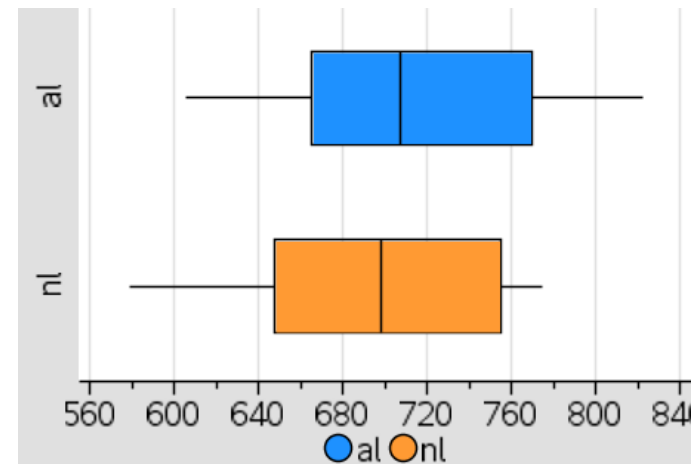
C	D	E
	=OneVar(	=OneVar(
File	One-Va...	One-Va...
$\bar{x}$	715.467	697.867
$\Sigma x$	10732.	10468.
$\Sigma x^2$	7.73199...	7.35417...
$s_x := s_{n-...}$	61.8788	59.1027
$\sigma_x := \sigma_{n...}$	59.7806	57.0986
n	15.	15.
MinX	605.	579.
Q <sub>1</sub> X	665.	647.
MedianX...	707.	698.
Q <sub>3</sub> X	769.	755.
MaxX	822.	775.
SSX := $\Sigma..$	53605.7	48903.7



# Comparing Distributions

- **C**enter
- **U**nusual Features
- **S**hape
- **S**pread
- **IN CONTEXT!!!**
- **USE COMPARITIVE WORDS!!**

C	D	E
	=OneVar(	=OneVar(
Title	One-Va...	One-Va...
$\bar{x}$	715.467	697.867
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MedianX...	707.	698.
$Q_3X$	769.	755.
MaxX	822.	775.
$SSX := \Sigma..$	53605.7	48903.7



# Practice

<u>afc teams</u>	<u>total points</u>	<u>nfc teams</u>	<u>total points</u>
Baltimore Ravens	343	Arizona Cardinals	418
Buffalo Bills	399	Atlanta Falcons	540
Cincinnati Bengals	325	Carolina Panthers	369
Cleveland Browns	264	Chicago Bears	279
Denver Broncos	333	Dallas Cowboys	421
Houston Texans	279	Detroit Lions	346
Indianapolis Colts	411	Green Bay Packers	432
Jacksonville Jaguars	318	Los Angeles Rams	224
Kansas City Chiefs	389	Minnesota Vikings	327
Los Angeles Chargers	410	New Orleans Saints	469
Miami Dolphins	363	New York Giants	310
New England Patriots	441	Philadelphia Eagles	367
New York Jets	275	San Francisco 49ers	309
Oakland Raiders	416	Seattle Seahawks	354
Pittsburgh Steelers	399	Tampa Bay Buccaneers	354
Tennessee Titans	381	Washington Redskins	396

# Check...Did you address?

- **C**enter
- **U**nusual Features
- **S**hape
- **S**pread
- **IN CONTEXT!!!**
- **COMPARITIVE WORDS!!**