

1. Which app holds your data columns on the TI-Nspire?

Enter data in named lists

Answer: Lists & Spreadsheet

2. Which menu gives mean, median, Q1, Q3 at once?

Statistics > Stat Calculations

Answer: One-Variable Statistics

3. On One-Var Stats output, which symbol is the mean?

x with a bar

Answer: x-bar

4. Which readout gives Q1 and Q3 for a box plot?

Q1X and Q3X

Answer: Q1X, Q3X

5. To get the regression line AND r, run which calculation?

a + bx

Answer: Linear Regression (a+bx)

6. If r does not appear, what setting must be turned on?

Diagnostics

Answer: turn on the Diagnostics / r setting

7. Enter 4,6,8,10,12 and run One-Var Stats. What is x-bar?

Sum 40 / 5

Answer: 8

8. Same data: what is the median (medianX)?

Middle of 4,6,8,10,12

Answer: 8

9. Data x:1,2,3,4 and y:3,5,7,9. Run LinReg. What line and r do you expect? ★ challenge

Perfectly linear, slope 2, int 1

Answer: $y = 2x + 1$, $r = 1$

10. Enter 5,5,6,6,50. Compare One-Var mean vs median and explain which the outlier moved. ★ challenge

Mean ~14.4; median 6

Outlier 50 lifts the mean

Answer: mean pulled up; median stays 6