

CHAPTER 6: SCATTERPLOTS, ASSOCIATION, AND CORRELATION

Scatterplots: Commonly used display for _____ variables.

What to look for when determining an Association between quantitative variables

- Direction
- Form
- Strength
- Unusual features

Calculator Steps – Seeing the Scatterplot

1. Enter Data in L₁ and L₂
2. Turn Plot on (choose the correct x and y lists) – choose scatter
3. Graph
4. ZoomStat

Calculator Steps – Turning on the Diagnostics

1. Catalog (2nd 0)
2. D (x^{-1})
3. DiagnosticOn
4. Enter Enter

Calculator Steps – Find the Correlation

1. Enter Data in L₁ and L₂
2. STAT, Calc
3. #8: LinReg(a + bx)
4. Choose correct x and y lists