

Part 9

RELATIONSHIPS IN STATISTICS: ASSOCIATION AND CAUSATION

- **Looking at bivariate data:**
 - **Scatter diagrams.**
- **Investigating statistical relationships:**
 - **Lurking variates:**
 - **Confounding.**
- **Quantifying strength of association:**
 - **Correlation.**
- **Association vs. Causation.**
 - **Reality and Illusion.**
- **Observational Plans:**
 - **Matching:**
 - **Subdividing:**
 - **Simpson's Paradox.**
- **Experimental Plans.**
 - **Blocking:**
 - **Equiprobable assigning (EPA).**

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