

## Assignment

Beins, Chapter 9

### Terms you should know.

Correlation Coefficient .....

Positive Correlation .....

Negative Correlation .....

Zero Correlation .....

Restriction of range .....

Non-continuous groups .....

Extraneous variable .....

Mediating variable .....

Partial Correlation .....

Multiple Regression .....

Predictor Variables .....  
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Criterion Variable .....  
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Partial Correlation .....  
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Factor Analysis .....  
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Path Analysis .....  
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**Concepts you should master.**

1. What can you infer from a correlation coefficient in terms of the relationship between two variables?
2. When would you want to do a correlational study?
3. What is the impact of unreliable instruments in conducting correlational research?
4. Other than being concerned with reliability and validity, what other measurement issues should you keep in mind when conducting correlational research?
5. What impact does restriction of range have on a correlation coefficient?
6. What impact could the selection of your sample have on the correlation coefficient?

7. Of what use is a partial correlational analysis?

8. When would you want to use multiple regression analysis?

9. What can you learn from factor analysis?

10. What can you learn from a Path Analysis?

## Application

1. The following questions refer to the Lutwak & Ferrari article, *Understanding Shame in Adults: Retrospective Perceptions of Parental Bonding During Childhood* (Patten article 26).
  - a. Introduction.
    - i. What is/are the research hypothesis(es)?
  - b. Method.
    - i. What group constituted the sample?
    - ii. Measures
      - (1) What measures did the authors use?
      - (2) How did the authors operationally define 'shame'?
  - c. Results.
    - i. The authors report no significant gender differences on the self-reported shame scores, what other differences should the authors have examined?
    - ii. What variable(s) had the strongest relationship with the Adaptive Shame scale? How would you interpret these relationships?
  - d. Discussion
    - i. What limitations did the authors discuss?
    - ii. What additional limitations do you see?
    - iii. Based on these results would you recommend that the mental health field advocate training parents in how to be more caring and for mothers to be less protective? Why or why not?

