

Psych 560 Principles of Psychological Measurement

Professor Neil H. Schwartz, Ph.D.

Office: Modoc Hall Room 202

Office Phone: 898-4968

Unit Objectives: Unit 3

Students should be able to:

1. Provide an accurate conceptual description of the concept of correlation.
2. Differentiate between the following correlation coefficients, and describe the information yielded by them:
 - Pearson product moment
 - Spearman's rho
 - biserial
3. Calculate, from memory, the formula for standard error measurement.
4. Provide a conceptually accurate explanation for standard error of measurement.
5. Discuss the utility of standard error of measurement.
6. Provide a conceptually accurate description of the following concepts:
 - coefficient of determination
 - coefficient of alienation
 - shrinkage
 - standard error of estimate