

Math 567: Homework 6

February 22, 2016

1. **Covariance**

B. A measure of the strength of relationship between two variables.

2. **Children can learn a second language faster before the age of 7. Is this statement:**

A. It can be used as an effect size measure.

3. **How much variance has been explained by a correlation of .9?**

A. 81%

4. **The relationship between two variables controlling for the effect that a third variable has on one of those variables can be expressed using a:**

D. Partial Correlation.