Quiz 3: Variation

February 10, 2009

1. Describe **the range**. How does it describe variation?

2. Describe a sample value's **deviation**. How does it describe variation?

3. How much data is typically found within one **standard deviations** of the mean (that is, a standard deviation to either side of the mean value)?

4. How much data is typically found within two **standard deviations** of the mean?