Read pages 545 - 563 in the textbook, and then answer the following questions based on the reading.

1. Where do the 5% and 1% cutoffs for statistical significance come from?

2. Why should investigators disclose how many tests they ran before finding statistically significant differences?
3. What does it mean to say that statistical significance does not imply importance?

4. What does it mean to say that “a test of significance does not check the design of the study”? 