Review 1

In Exam 1 Block, you learned about each of the following concepts in the lecture videos and workbook activities. Please review and make sure you have an understanding of each definition and how to apply the concept to an application, such as a newspaper article or study results.

**Basic Numeracy**

Human Inference
Statistical Inference
Statistical Constructs (rates, proportions, etc.)
Validity
  - Decimal Point Misplacement
  - Deceptive Graphs

**Computations & Benchmarks**

Rates, Fractions, and Percentages
Absolutes
  - Absolute Risk
  - Relative Risk
Benchmarks (know all 10 of these)

**Experimentation: Comparison & Randomization**

Experiment
Confounding
  - Lack of Proper Comparison
  - Improper Randomization of Subjects to Treatments
Causation (or Cause & Effect)
Response vs. Explanatory Variables
Subjects
Lurking Variables
Placebo Effect
Comparison
Randomization

**Statistical Significance**

Statistical Significance
Practical Significance