Seed Weight Error Analysis:

**Overview:**

I believe that the source of my error in collecting seed weight data originated in the fact that I did not tare the scale on a regular basis. Below, I will detail an experiment in which I address the following hypothesis:

* The frequency at which the scale is torn will have an effect on the overall error rate of seed weights measured.

**Methods:**

I will randomly select 5 seeds from \_\_\_\_\_. I will then measure these seeds 5 times under two different protocols: 1) the scale will be torn once for each seed measured, and 2) the seed weight will be measured with a tare after each measurement. With this data collected, I will analyze the following variables:

* 1) the standard deviation of seed weight collected under each protocol. This measure will give an indication of the overall variation in seed data collected.
* 2) The standard error for seed weights collected under each protocol. This will give a measure of the overall error for each measurement under each collection protocol
* 3) The mean difference in measured weight….

**Predictions:**