Task One: Accuracy

Chi Square:

* Relative Observed Abundanced: Absolute read count for each species in sequencing data
* Relative Expected Abundance: Table One Column cell number
* Second test same observed and change Relative Expected Abundance to Table One Column genomic DNA

Task Two: Precision

Variance:

* For each workflow there are 3 replicates, so a variance can be calculated for each workflow
* Option A: lump all species absolute read count into one same, with 3 replicates and get one variance calculation, (idk if this is right bugging me for some reason)
* Option B: Each species will receive a variance calculation and then we do some kind of averaging

Task Three: Heuristic Selection

Plot

* Each workflow needs to be assigned one accuracy value and one precision value
* Plot every workflow according to these values
* Identify the ones closes to the origin

Task Four: Compare

Fish Tank Precision

* F test
* Plot