

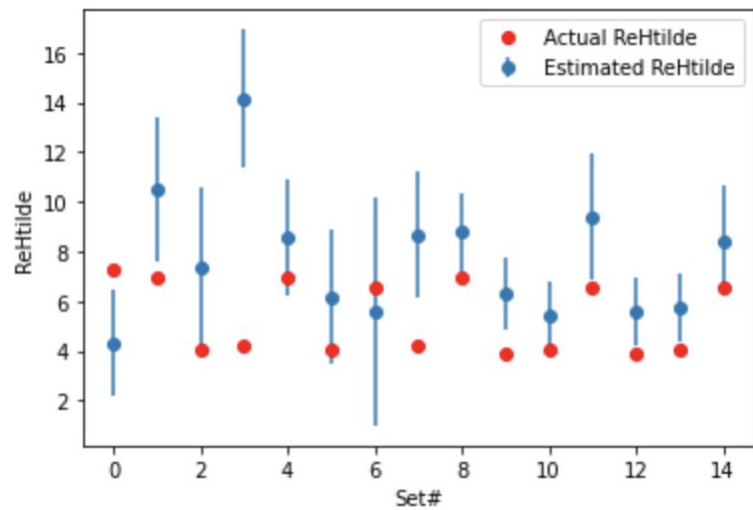
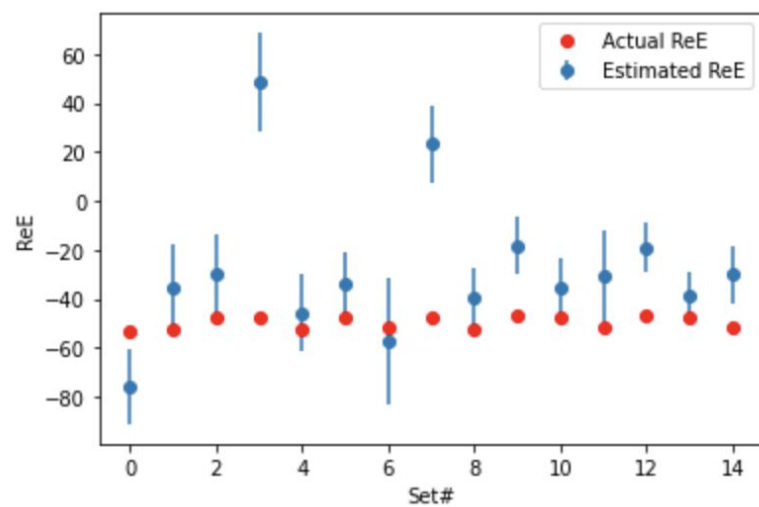
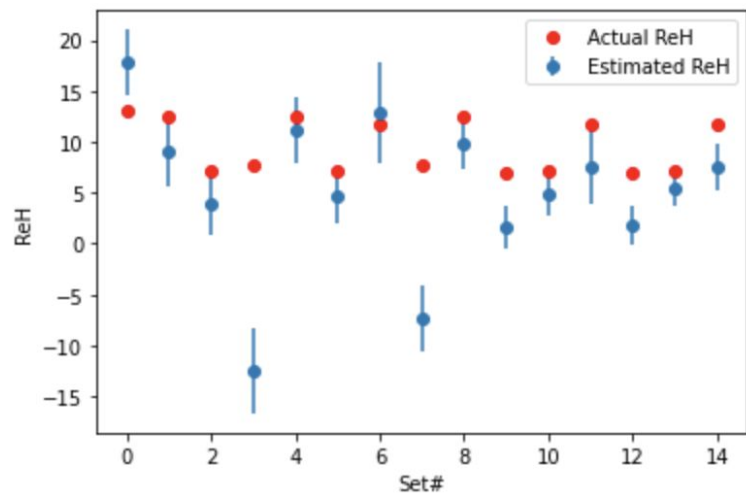
Progress Report

Pranav Bangarbale - 4/08/2022

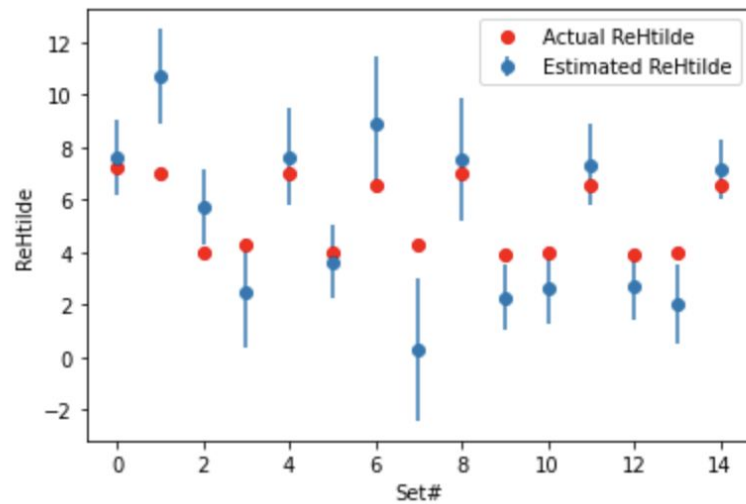
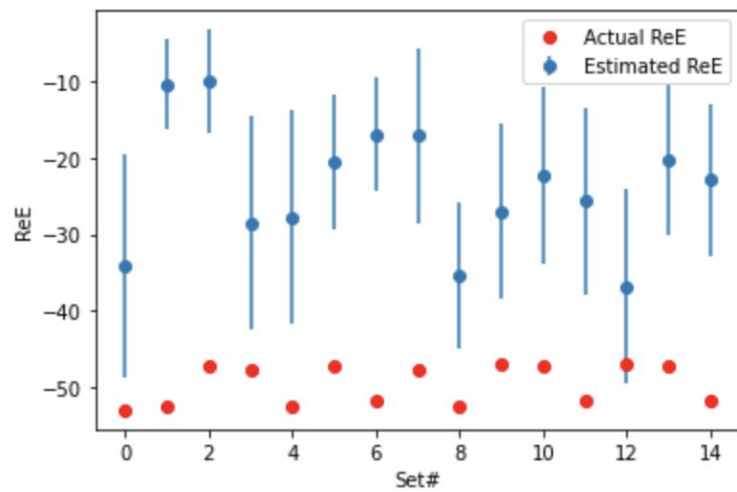
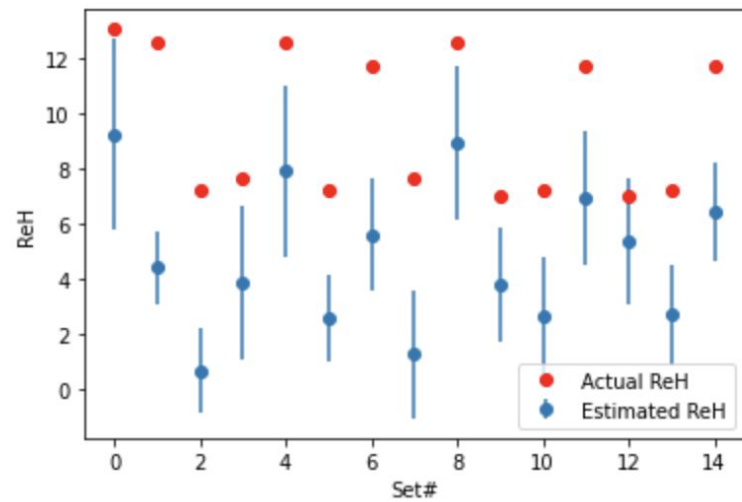
This week

- Ran Method 2 w/BKM-10 for all three angle subsections: baseline, reduced-phi, and even-phi, with 15 iterations of each for statistical robustness
- Results over average of 15 iterations were calculated
- Generated plots

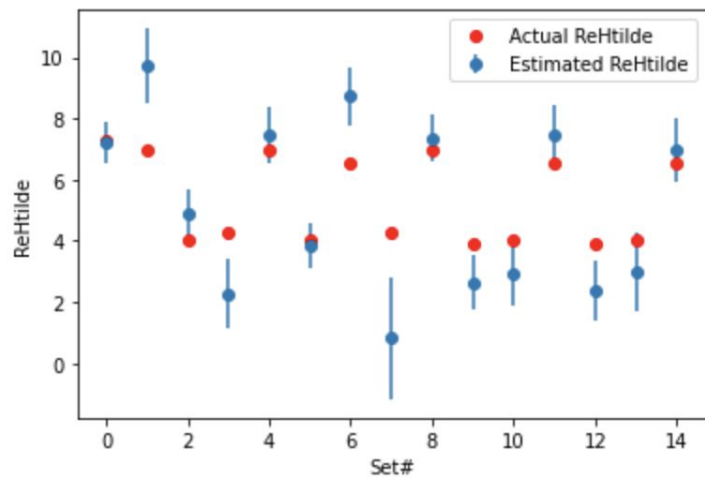
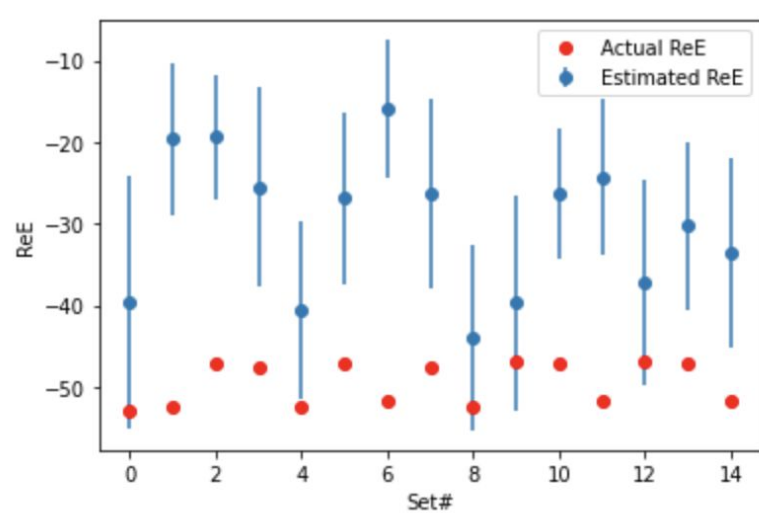
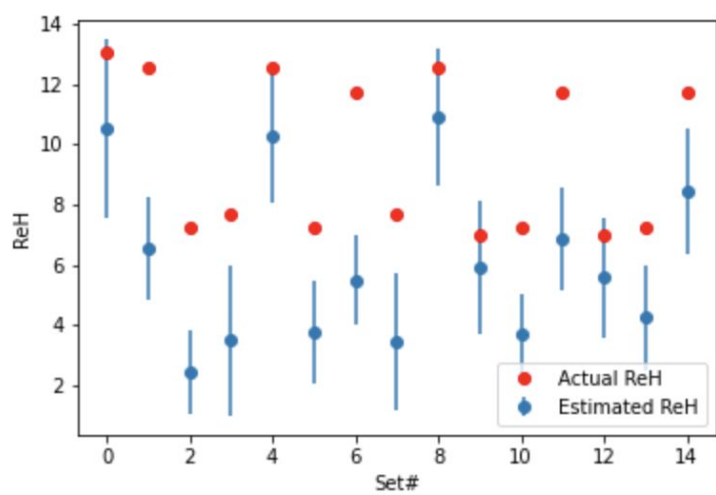
Baseline



Reduced-phi



Even-phi



Observations

- For BKM-10, reduced-phi seems to have similar results to VA formalism in comparison to a baseline Method 2
- Even-phi results are somewhat in between results of baseline and reduced-phi
- ReE, ReH have significantly worse performance with reduced-phi angles
- ReHTilde has slightly worse performance with reduced-phi, but is much more stable than the former two
- Possibly, ReHTilde is a relatively phi-independent CFF to fit