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Title: Evaluating two methods of estimating error variance from multiple data sets using an error model

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### General Comments

The authors did a good job of addressing my concerns with the previous version of this paper. The paper itself reads more as a well-developed, technical paper. They also added in some supplementary discussion and references to help the reader understand the development and justification of their error model. I recommend for publication, subject to the following very minor line edits.

### Line Edits

Again, the paper structure is good and reads very well. I only noticed a few errors and offer the following corrections.

Page 7

- Line 15: Should it read  $\text{VAR}_{\text{err}}(z) \leq \text{VAR}_{\text{err}}(X)$ ?

Page 9

- Caption for Figure 3 (c): ... The exact STD of “ $Z_{\text{err}}$  decreases” as  $a$  increases...