**Methods**

*Participants*

Our original sample consisted of 319 participants (163 Male, 156 Female). All subjects were right-handed. Age ranged from 13.5 to 25.99 (M = 20.06, SD = 2.79). To create groups to conduct our group analysis, we followed a regression-based method used in previous research (Li & Kirby, 2014; MacKay, Levesque, & Deacon, 2017; Tong, Deacon, Kirby, Cain, & Parrila, 2011). This method identifies three groups: unexpected poor comprehenders (UPCs), expected average comprehenders (EACs), and unexpected good comprehenders (UGCs).

To identify these groups, we predicted reading comprehension ability from age, decoding, nonverbal IQ, and vocabulary. Nonverbal IQ was shown to be significantly skewed (Z3 = -4.08, *p* < .001), as was vocabulary (Z3 = -6.15, *p* < .001).

Two subjects were excluded for being influential outliers on the regression model. One subject was an outlier on all tests entered into the regression, and the other was only an obvious outlier for decoding and vocabulary. *What metric to use?*