Precision Chart

Observed Scores							Total Difference or Error	Average Difference or Error
Linear	Predicted							
	Difference From Observed Score							
Curvilinear	Predicted							
	Difference From Observed Score							
Arithmetic Average	Predicted							
	Difference From Observed Score							

Note: For explicit formulas to create spreadsheet algorithms that compute and evaluate the three mathematical models, please see *Making Classroom Assessments Reliable and Valid* (Marzano, 2018) or visit marzanocalc.empowerlearning.net to access an online tool.

Source: Adapted from Marzano, R. J., Norford, J. S., & Ruyle, M. (2019). The new art and science of classroom assessment. *Solution Tree Press.*