

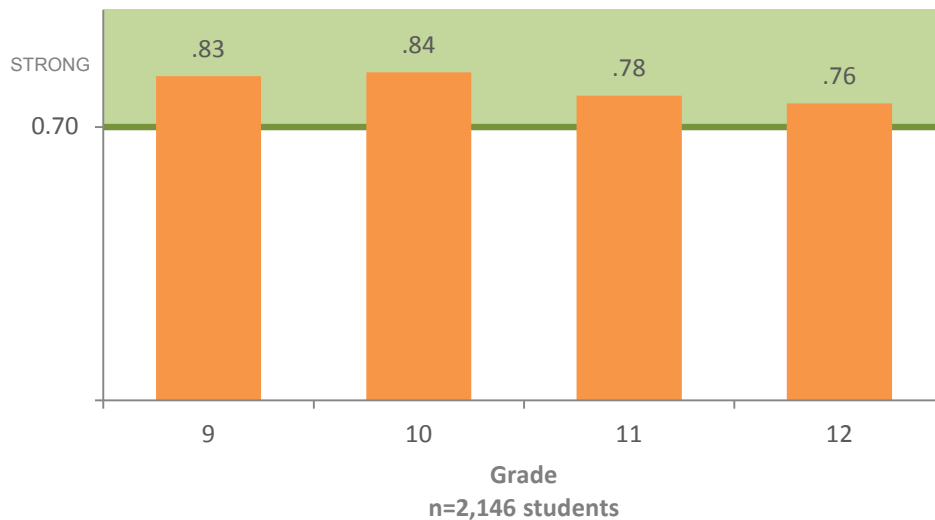
InSight and STAR Reading



The relationship between InSight and the Renaissance STAR Reading[®] assessment has been evaluated following standards established by the National Center for Intensive Intervention (NCII). As detailed below, InSight meets both correlation and classification accuracy standards when analyzed in relation to the STAR Reading assessment. Therefore, educators can be confident in InSight results and the subsequent intervention decisions they make for their students. Further, InSight provides a solid indicator of whether students are on track to meet STAR Reading proficiency.

InSight is Strongly Correlated with STAR

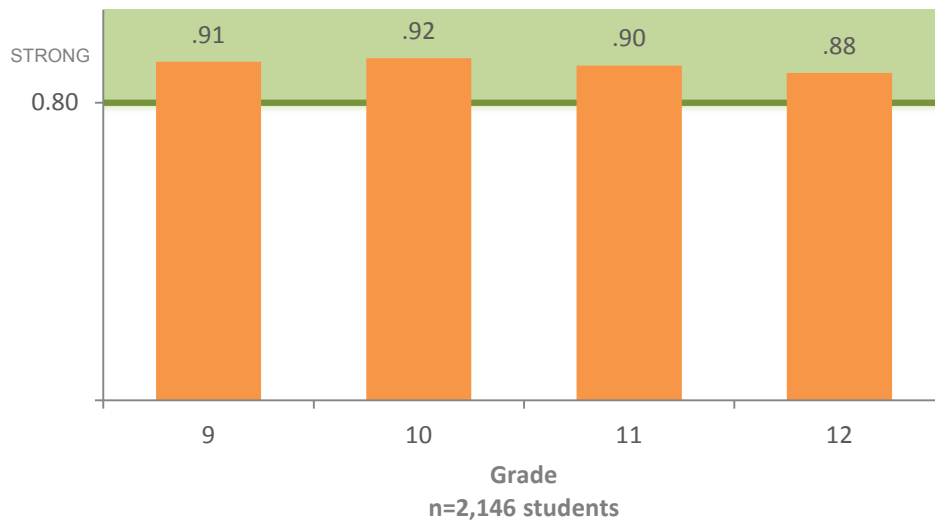
A statistical correlation measures the strength of the relationship between the results of two assessments. A value of 0.70 or higher* is considered a *strong correlation* and a key criterion of validity by the NCII. All correlation values between InSight and STAR Reading across grades 9–12 meet this standard.



*NCII Technical Standard 3: Lower Bound of the Confidence Interval ≥ 0.60 ; previous Center for Response to Intervention (CRTI) Technical Standard 4 = 0.70

InSight Accurately Classifies Students on STAR

The NCII considers an *Area Under the Curve (AUC)* value of 0.80 or higher** to be convincing evidence that an assessment has meet the "classification accuracy" standard. This indicates that when InSight classifies a student as being proficient, there is strong evidence that the STAR Reading assessment would also classify the student as being proficient. All AUC values between InSight and STAR Reading across grades 9–12 meet this standard.



**NCII Technical Standard 1: Lower Bound of the AUC Confidence Interval \geq 0.80

InSight was also evaluated with another important classification statistic. The Overall Classification Accuracy is the percentage of students who were classified as proficient or not proficient on InSight who were also classified at that same level on STAR Reading. Although the NCII requires this statistic as part of its evaluation process, it does not set a threshold criterion. Reading Plus believes that an assessment like InSight, which is used for screening and progress monitoring, should accurately classify 75% or more of students at the same overall proficiency level as the state or districted-mandated ELA/Reading assessment. InSight meets this level of classification accuracy in relation to STAR Reading across grades 9-12.

