



EXPLORING STUDENT PERCEPTIONS AND EDUCATION OUTCOMES

YOUTHTRUTH CONCURRENT AND PREDICTIVE VALIDITY STUDY

YouthTruth | **STUDENT SURVEY** A NATIONAL NONPROFIT | **SRI Education™** A DIVISION OF SRI INTERNATIONAL



RESEARCH QUESTIONS

To what extent do various student experiences measured by YouthTruth's student perception surveys predict student outcomes at the school level?

Concurrent validity:

Do 2018 YouthTruth student experience scales predict 2018 school level student outcomes?

Predictive validity:

Do 2017 YouthTruth student experience scales predict 2018 school-level outcomes?

School-level student outcomes

Academic outcomes

- »Reading proficiency rate
- »Math proficiency rate
- »Ninth-grade retention rate

Behavioral outcomes

- »Chronic absence rate
- »Suspensions

Source: Proficiency rates are from EdFacts. All other outcomes are from the U.S. Department of Education's Civil Rights Data Collection.

METHODS

Ordinary least squares regression, controlling for state and school demographic composition including race, ethnicity, gender, English learners, students with disabilities, and homeless students (from EdFacts)

RESULTS

Each student experience scale demonstrated evidence of concurrent and predictive validity with at least one outcome at one or more school levels.

Student Experience Scale	School Level	Academic Outcomes			Behavioral Outcomes	
		Reading Proficiency Rate	Math Proficiency Rate	Ninth-grade Retention Rate	Chronic Absence Rate	Log Suspension Index
Academic Challenge	Elementary Middle High	☑ ⊕ ☑ ⊕		n/a n/a	☑	☑ ☑ ☑ ⊕
Culture	Elementary Middle High	☑ ☑ ⊕	☑ ☑	n/a n/a ☑	☑	☑ ☑ ⊕
Engagement	Elementary Middle High		⊕	n/a n/a	☑	☑ ☑ ⊕
Relationships	Elementary Middle High	☑ ⊕		n/a n/a	☑	☑ ☑ ⊕
Belonging & Peer Collaboration	Middle High	☑ ⊕ ☑ ⊕	☑	n/a	☑ ⊕	☑ ⊕
College & Career Readiness	High					☑ ⊕

Note: Table shows statistically significant ($p < 0.05$) evidence of concurrent (☑) or predictive (⊕) validity with relationship in expected direction. Only two statistically significant relationships were in an unexpected direction.