

Evaluating Program Effectiveness

An evidence-based rubric by MIND Research Institute, the creators of ST Math.

Based on 10 years of student outcomes studies experience, MIND's Data and Evaluation team has created this rigorous program effectiveness evaluation rubric.

Evaluative Element	Low	Medium	High
Different Assessment Instruments used in Studies	Only 1	2 - 3	4 or more 
Sample Size	< 100 students, 1 school	< 500 students, 1-5 schools	6 or more schools 
Repeatability	< 3 studies	3 - 5 studies	6 or more studies 
Applicability to Student Subgroups	No results broken out by student subgroup	Results reported for some subgroups of interest, but not all	Results evaluated for all major subgroups of interest for intended use 
Variety of Schools	All schools evaluated are similar to one another (size, locale, district, demographics)	Studies evaluate different types of schools	Results from multiple studies cover school types similar to intended use 
Range of Grades	Studied grade range is different from intended use	Studied grade range is similar to intended use 	Results cover all grades intended for use
Study Controls	No control results are reported; only treated school results	Control results are referenced, but were not rigorously matched	Rigorously matched control results reported 
Independence	No independent third party studies	1 - 2 independent third party studies 	3 or more independent third party studies
Product Relevance	Study covers an old program version that is substantially different from current program	Studies are 3 or more years old but cover largely similar program revisions	Studies are updated every school year and cover the current program revision 