The Evaluation Engine: A REVOLUTIONARY NEW TOOL FOR MEASURING STUDENT GROWTH.

In today’s world, data is driving instructional decisions in the classroom and in state departments of education. As a result, educators are increasingly expected to conduct time-consuming and costly impact evaluations. To make impact evaluation easier, less costly, and more rigorous, a coalition of researchers from RTI International, the University of Michigan, and the Bill & Melinda Gates Foundation has created the Evaluation Engine. Let’s take a look at what this tool can do for states and schools.
WHAT IS THE EVALUATION ENGINE?

1. An inexpensive and easy tool for serious measurement of educational impact

2. A way to empower partner researchers with data, without compromising privacy
HOW DOES IT WORK?

Users design studies simply by identifying students participating in a program of interest. The clear, efficient, web-based interface collects basic information about students in the treatment group.

THE COMPUTER DOES THE REST

IT CREATES AN APPROPRIATE COMPARISON GROUP

IT PERFORMS STATISTICAL TESTING

IT GENERATES RESULTS

IT PRODUCES A FULL-COLOR PDF REPORT EXPLAINING THE FINDINGS
STUDENTS ARE MATCHED TO SIMILAR STUDENTS BASED ON IMPORTANT FACTORS

STUDENT DEMOGRAPHIC SUBGROUPS

STUDENT GRADE LEVELS

SCHOOL-SPECIFIC INFORMATION

AREA OF STUDY, E.G. LANGUAGE ARTS

SPECIFIC STANDARDIZED TESTING DATA
WHO WINS?

State research and accountability officers

OR

District researchers

OR

State/district partners in research

IDs of students receiving educational intervention

Statewide Longitudinal Student Database

Rigorous comparison groups formed automatically

DATA PROTECTED BY IMPERMEABLE FIREWALL

Rapid reports on student outcomes with no sensitive student information
HOW CAN STATES PARTICIPATE?

WE ARE CURRENTLY ACCEPTING APPLICATIONS FROM ADDITIONAL STATE PARTNERS.

REQUIRED FOR STATE INVOLVEMENT

1. Signing a data sharing agreement
2. Providing an extract of selected data elements from your state longitudinal data system (SLDS) once a year
3. Assigning a liaison from the state to facilitate the partnership
States that participate in the project will:

1. **Save money.**
   Your state spends tens of millions of dollars on impact research/evaluation. The Evaluation Engine can slash those costs dramatically.

2. **Save time.**
   Dramatically reduce the time and effort required to respond to data requests from funders and researchers.

3. **See clearly.**
   See the difference between schools/programs that SERVE high-scoring students and schools/programs that PRODUCE high-scoring students.

4. **Learn quickly.**
   Receive impact reports in hours, not in months or years.
CONTACT INFORMATION

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