

UNIVERSITY OF OREGON

Background

Within Response to Intervention (RTI), instruction and assessment should coincide to yield honed decision-making, and thus, improved student outcomes (Fuchs & Fuchs, 2006). Recent findings reveal inconsistencies in their co-application (e.g., Alonzo & Tindal, 2016; Sáez, 2012), suggesting gaps in teacher understanding and a need for targeted professional development (PD) support.

We present field-test results for the Test of Teacher RTI Knowledge and Skill (T-RTI) - designed to evaluate the effects of individualized, web-based PD on instructional and assessment practices and student reading achievement in Grades 3-5.

Participants (n = 355, active users ofeasyCBM[©] interim-formative assessment system)





20%

40%

Research Questions

1.What is the internal consistency of the T-RTI (RQ1)? 2.What is the level of teachers' RTI knowledge and skill overall and by key domain (RQ2)? 3.What are teachers' perceptions of the T-RTI as a tool for evaluating practices (RQ3)?

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'I think the questions were well thought out and thought provoking." -- "I would love to know how I performed. This will help me become a better teacher. -- I would love to see the "correct" answers for these questions to see if I understand RTI." -- "They are good classroom scenarios." -- "... as a teacher this really made me think a lot about my analysis of students." (RQ3)



SRQ3 (DBDM) – A 4th-grade student reads 86 wcpm on the fall benchmark. The student is given a reading intervention...and is progress monitored every 3

ercentile Rank	Seasonal Passage Reading Fluency Benchmark Assessment		
	Fall	Winter	Spring
th	69	85	87
;th	87	112	112
th	107	138	138
;th	132	159	167
th	156	181	193

- > "The embedded norms for grade 3 fluency on question 3...did not show"

SRQ8 (IA) - A kindergarten student's winter benchmarks show high risk in phoneme segmenting, some risk in letter names fluency, and low risk in letter

- > "On #8 I would add something about letter names to the second answer"
- Item intent? (RQ3, e.g., jargon, include relevant information data
- are basic, because [there is] not enough information, even though some
- . T-RTI (PD) should incorporate data routinely available





Alonzo, J., & Tindal, G. (2016, April). Interventions being implemented in RTI: A snapshot of the nation. Paper presented at the American Educational Research Association, Washington, DC. Fuchs, D., & Fuchs, L. S. (2006). Introduction to response to intervention: What, why and how valid is it? Reading Research Quarterly, 41, 93-99. doi:10.1598/RRQ.41.1.4 Sáez, L. (February, 2012). Instructional responsiveness: What are teachers doing? In G. Tindal (Chair), Validating progress monitoring in the context of RTI. Paper presented at the Pacific Coast Research Conference (PCRC), Coronado, CA.

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PT2-CR1 & 2 (MS, IA, DBDM) - You are part of a middle school data team. characterize Karina's fifth grade reading performance...What is concerning about her performance by the end of the fifth grade school year? ···describe what is concerning about the instructional and assessment decisionmaking for Karina over the fifth grade school year? Explain your reasoning.

··10pr ···25pr ···50pr ···90pr

 Balance between appropriate length and depth in constructed responses? (RQ2, i.e., accuracy grounded in item intent) \succ ~30% inappropriately short answers; ~16% quite long > ~35% focused on too general conclusions

• T-RTI inappropriate length? (RQ3, e.g., time is crucial, ~20 mins) > "I have been working 30 minutes on this. I'm done. You said 25 minutes. ➤ "A little too time consuming, overall; either [fewer] questions or more mc."

> . T-RTI (PD) must hone attention w/out losing it; measure what it purports to measure

T-RTI Next-steps

Critique summary – both test- and item-based.

2. Revise and Refine.

3. Present to DATA for RTI (Practitioner) Leader Development Team for further feedback for revision and refinement

4. Pilot in Year 2.

Literature Cited