



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

PREPARING TEACHERS FOR THE REALITIES OF OUT-OF-FIELD TEACHING

AUSTRALIAN 2021 NATIONAL SUMMIT ON TEACHING OUT-OF-FIELD

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The University of Newcastle

**TEACHERS
& TEACHING**
RESEARCH CENTRE

The challenge for ITE

Preparing ITE students

Curriculum knowledge vs pedagogy

What is quality teaching?

Learning experiences are key



Towards quality and equity: five studies

Systemic Implications of Pedagogy and Achievement in NSW Public Schools (SIPA)

2004 – 2007



Effective Implementation of Pedagogical Reform (EIPR)

2009 – 2012

Investigating Quality Teaching Rounds to Support Teacher Professional Learning (ACT QTR)

2012

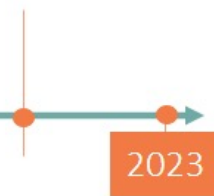


Improving Quality Teaching through Peer Observation and Feedback: Investigating the impact of Quality Teaching Rounds (RCT)

2014 – 2015

Building Capacity for Quality Teaching in Australian Schools (4xRCTs)

2018 – 2023



Quality Teaching Model

3 dimensions and 18 elements

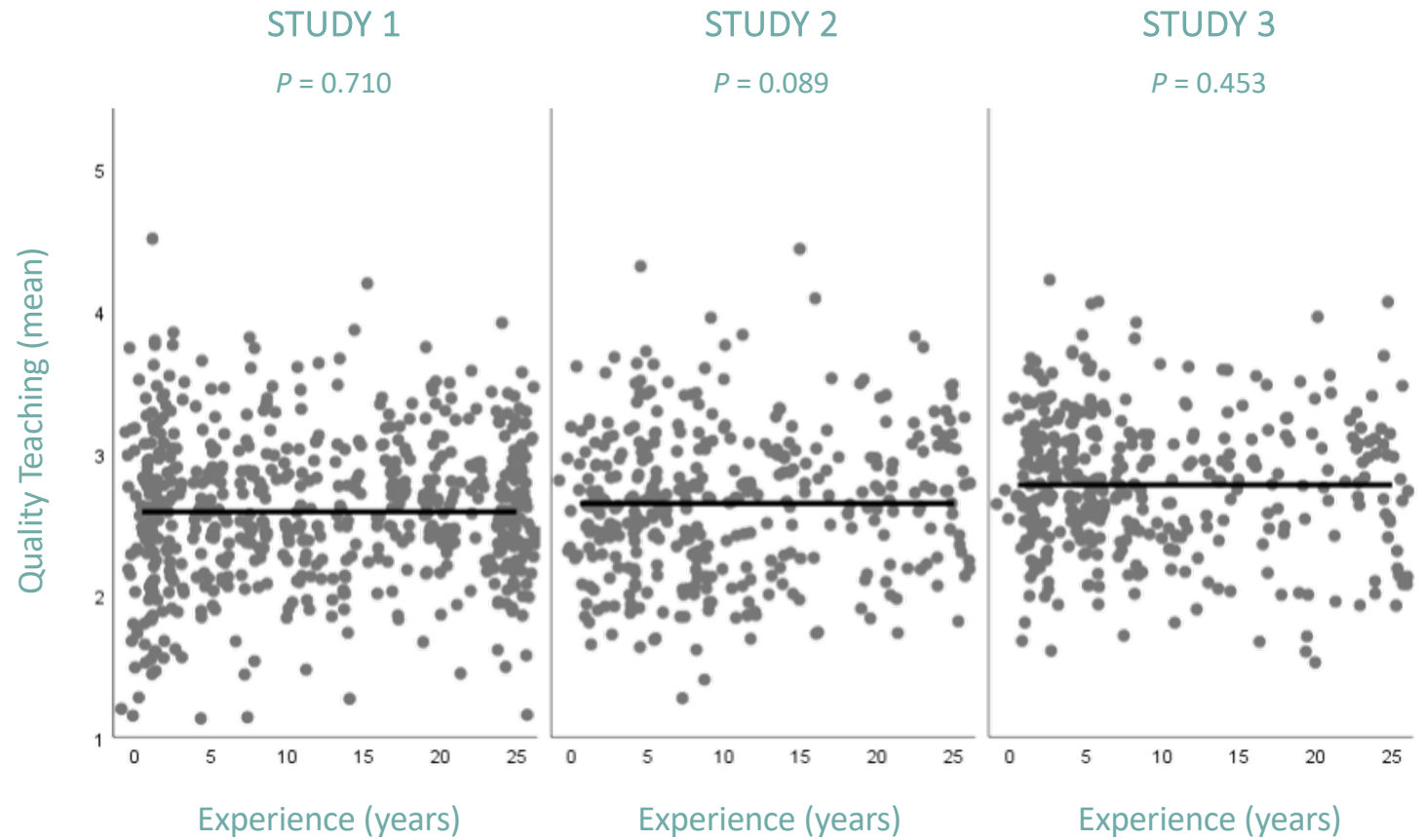
Intellectual Quality	Quality Learning Environment	Significance
Deep knowledge	Explicit quality criteria	Background knowledge
Deep understanding	Engagement*	Cultural knowledge
Problematic knowledge	High expectations	Knowledge integration
Higher-order thinking	Social support*	Inclusivity*
Metalanguage	Students' self-regulation*	Connectedness
Substantive communication	Student direction	Narrative

Note: *Marked elements do not pertain to the coding of assessment practice

QUALITY TEACHING x EXPERIENCE

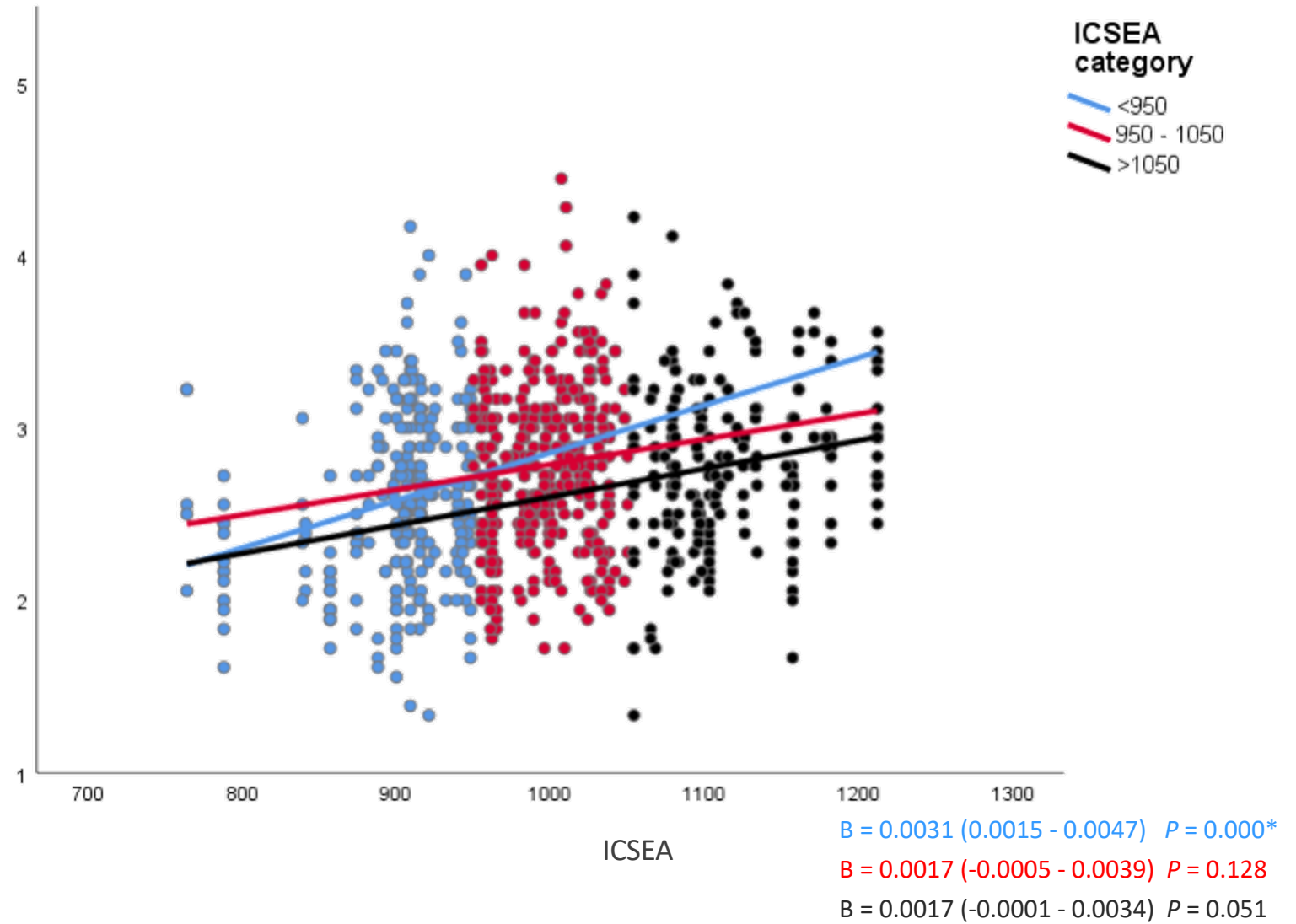
Baseline data

Three studies



QUALITY TEACHING x ICSEA

Baseline data
combined

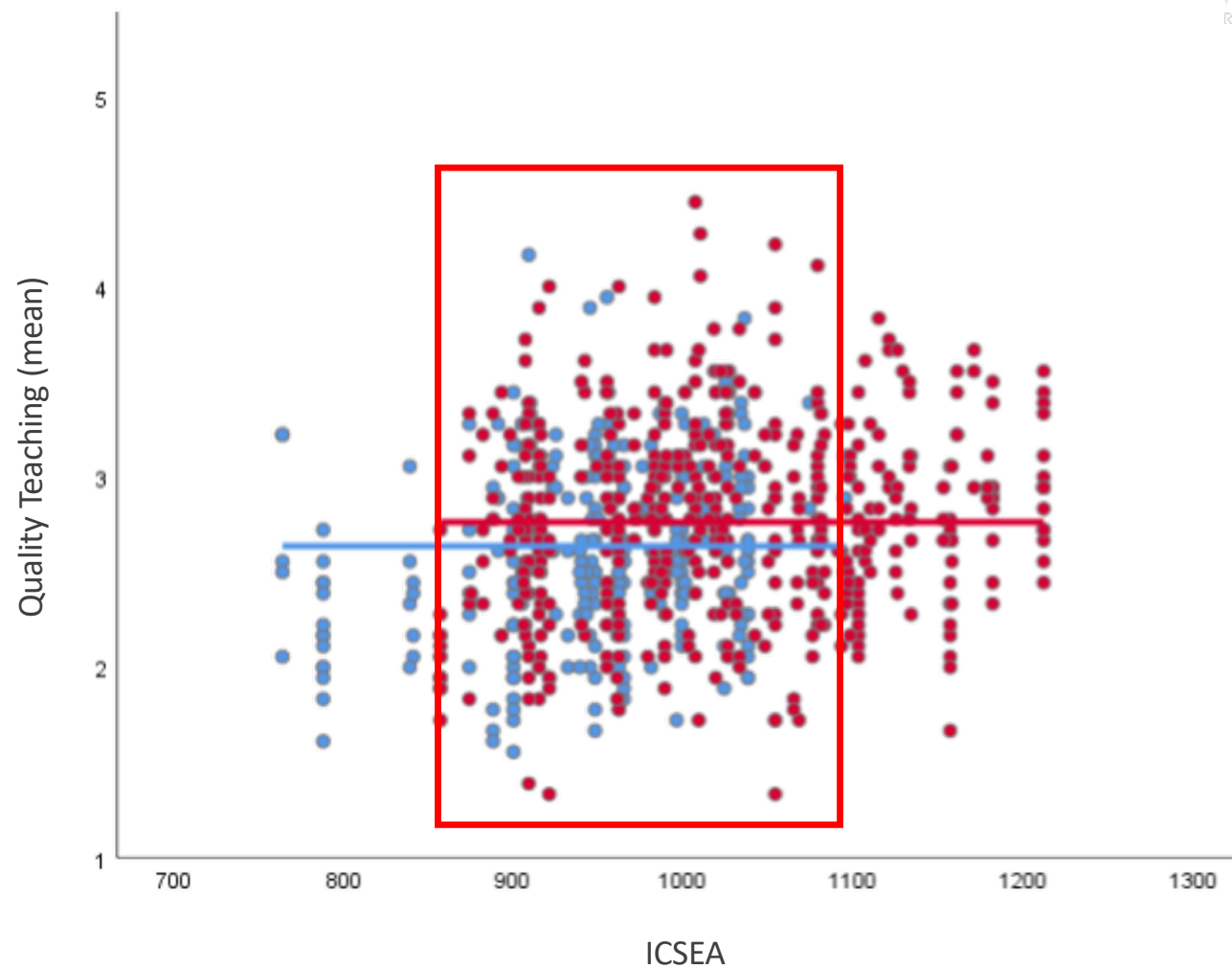


QUALITY TEACHING x LOCATION

Baseline data
combined

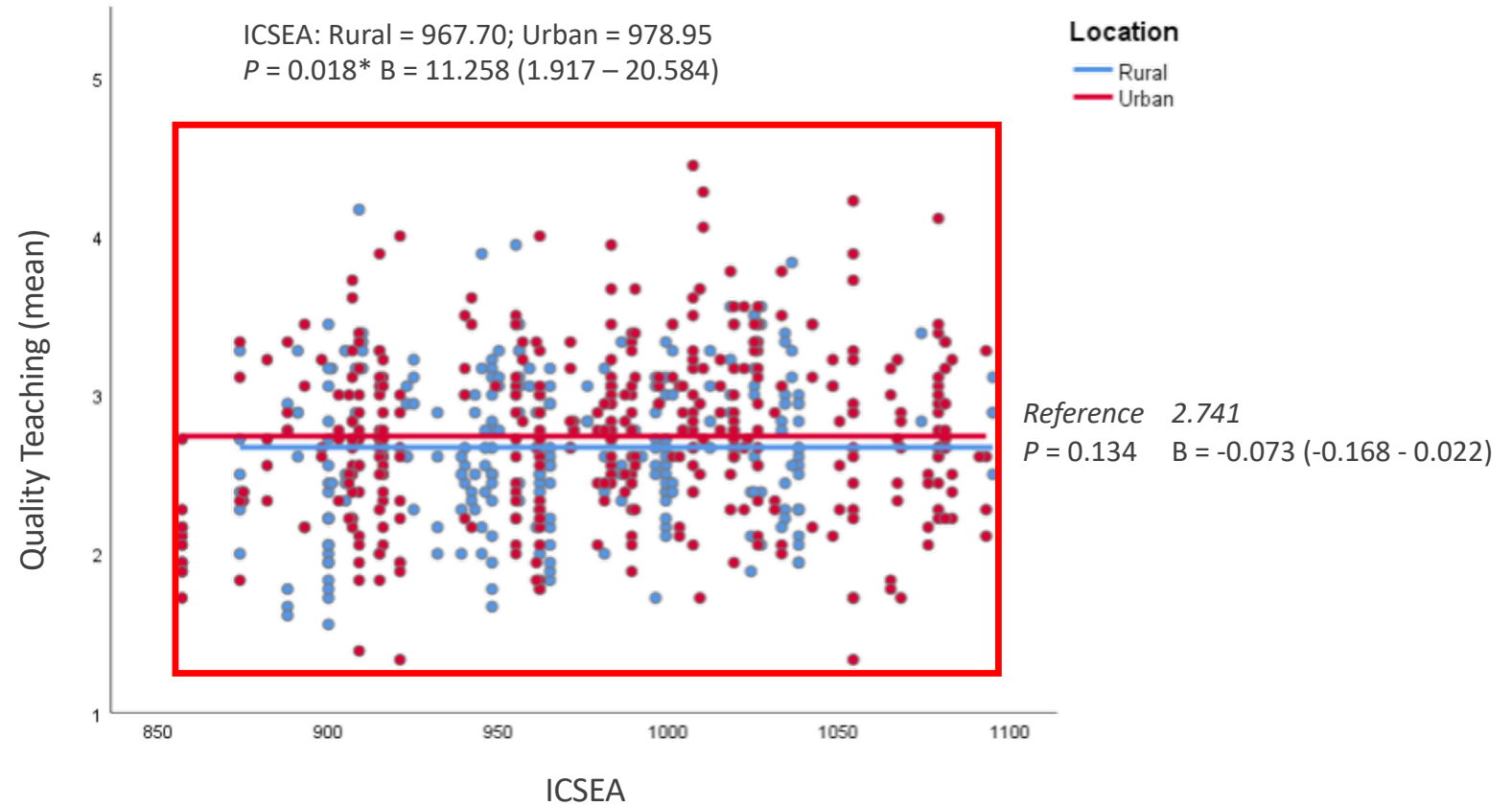
Location

- Rural
- Urban



QUALITY TEACHING x ICSEA x LOCATION

Baseline data
combined



Quality
Teaching
Model

Quality
Teaching
Rounds

Professiona
l Learning
Community

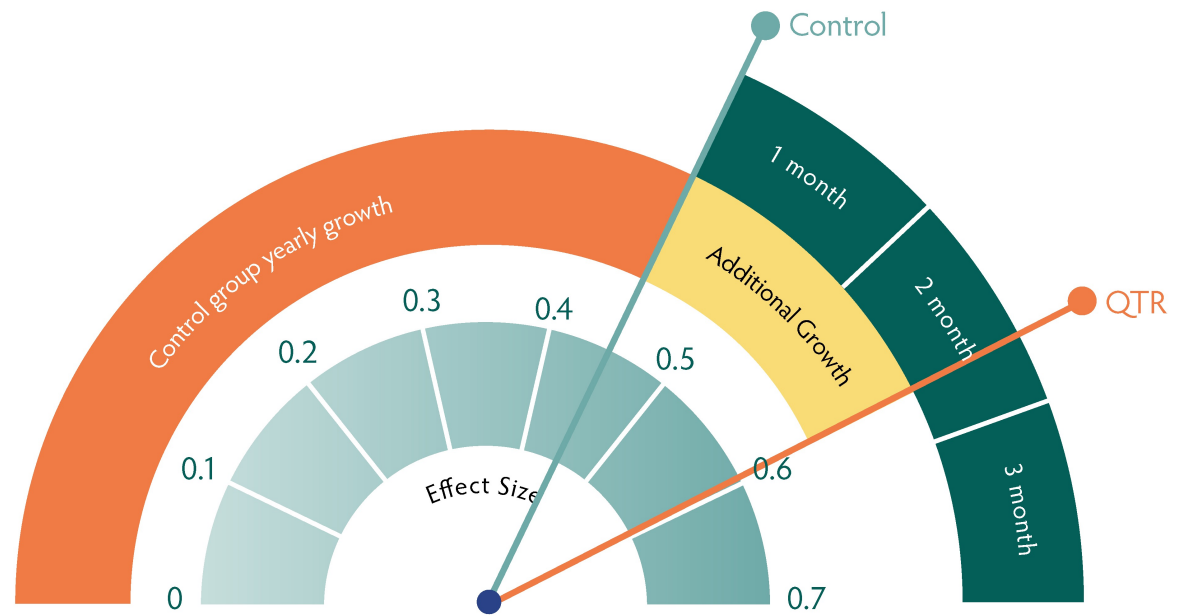
Instruction
al Rounds

One initiative, broad impact

- ✓ Improves quality of teaching
- ✓ Positive effect on teacher morale
- ✓ Growth in student learning outcomes
- ✓ Improves school culture
- ✓ Honours the complexity of teaching
- ✓ Relevant to all every grade and subject
- ✓ Both affirms and challenges
- ✓ Builds confidence and collegiality
- ✓ Sustainable
- ✓ Cost effective

IMPACT ON STUDENT LEARNING OUTCOMES

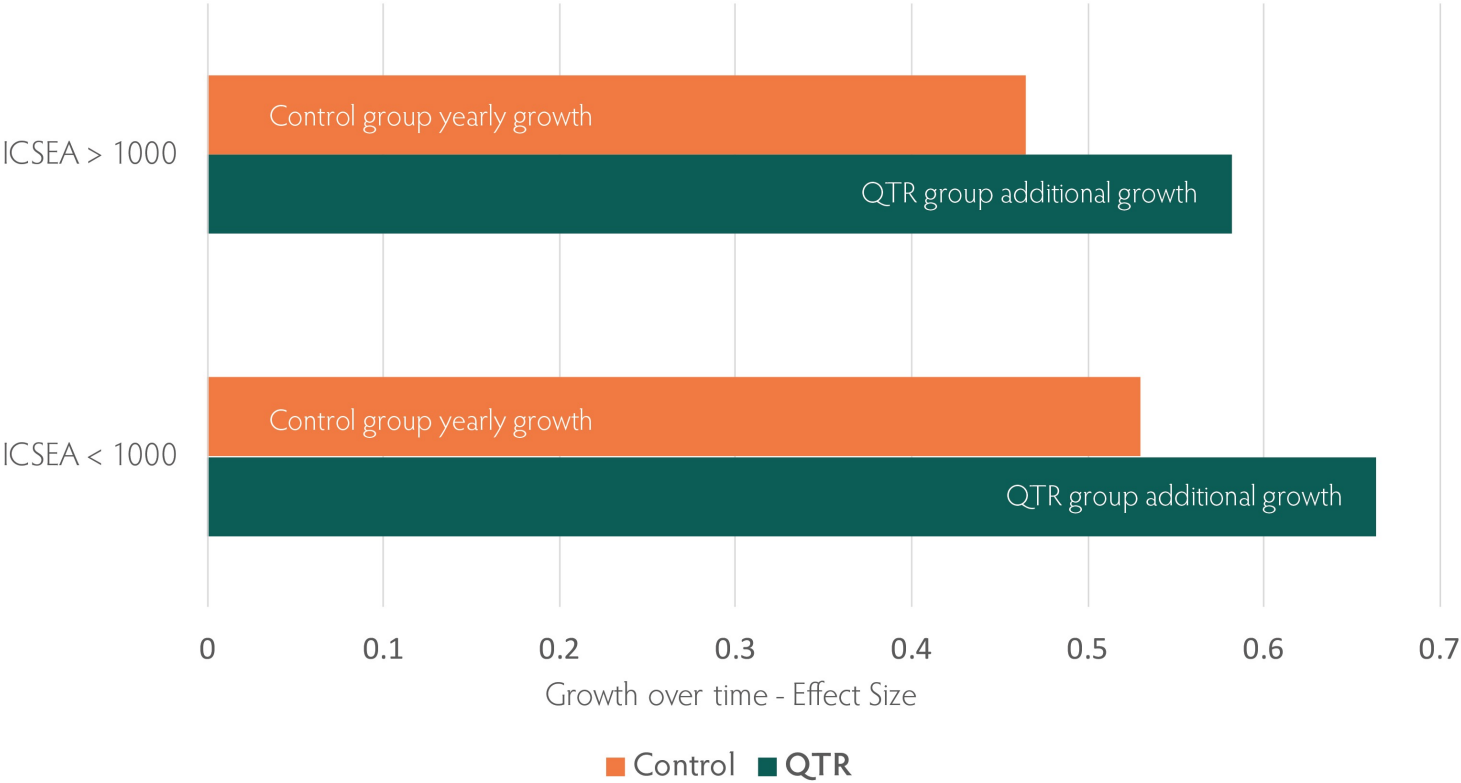
25% greater growth in mathematics outcomes for students whose teachers participated in Quality Teaching Rounds.



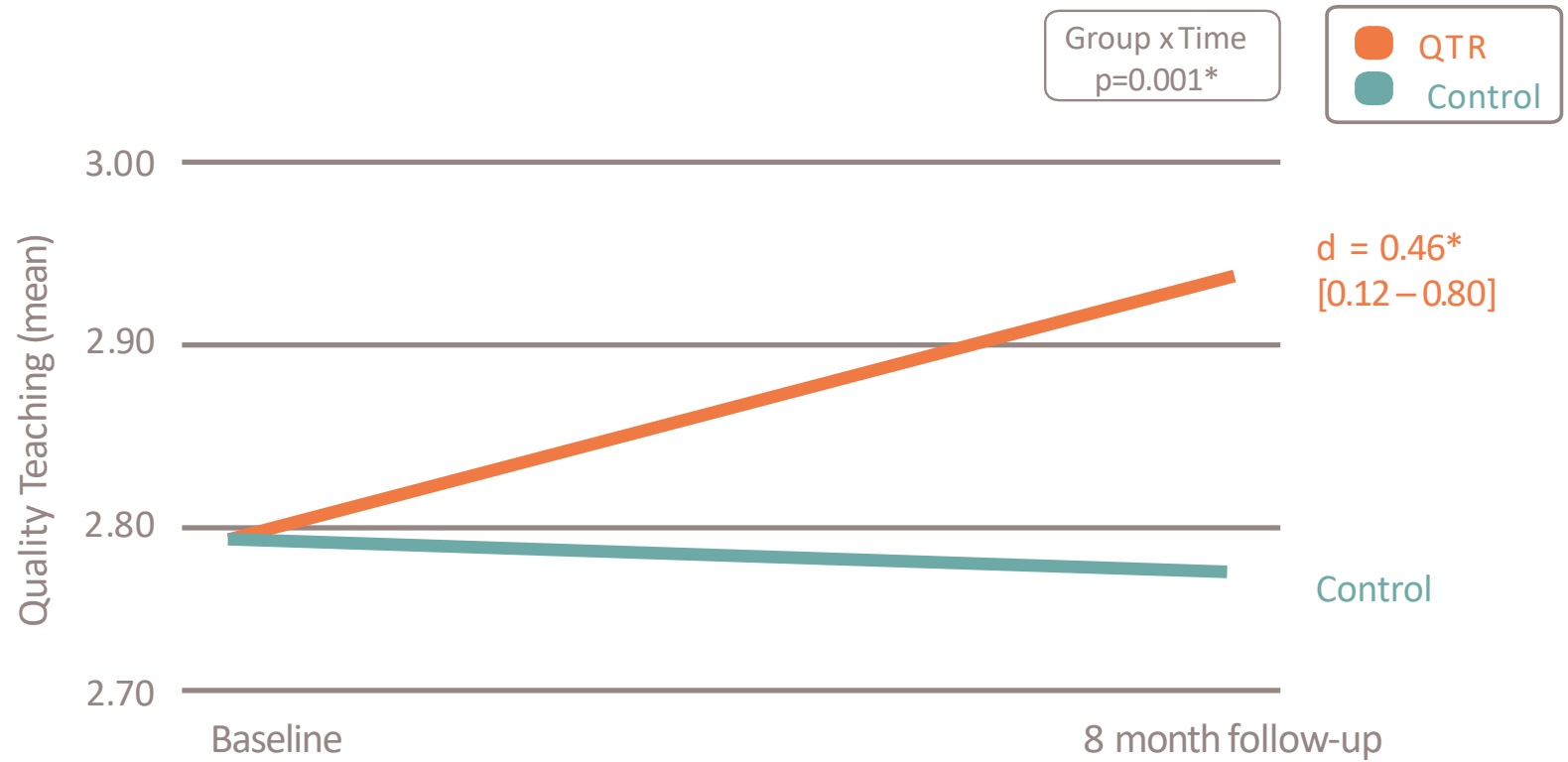
Impact of QTR on mathematics achievement

IMPACT ON ACHIEVEMENT BY EQUITY GROUP

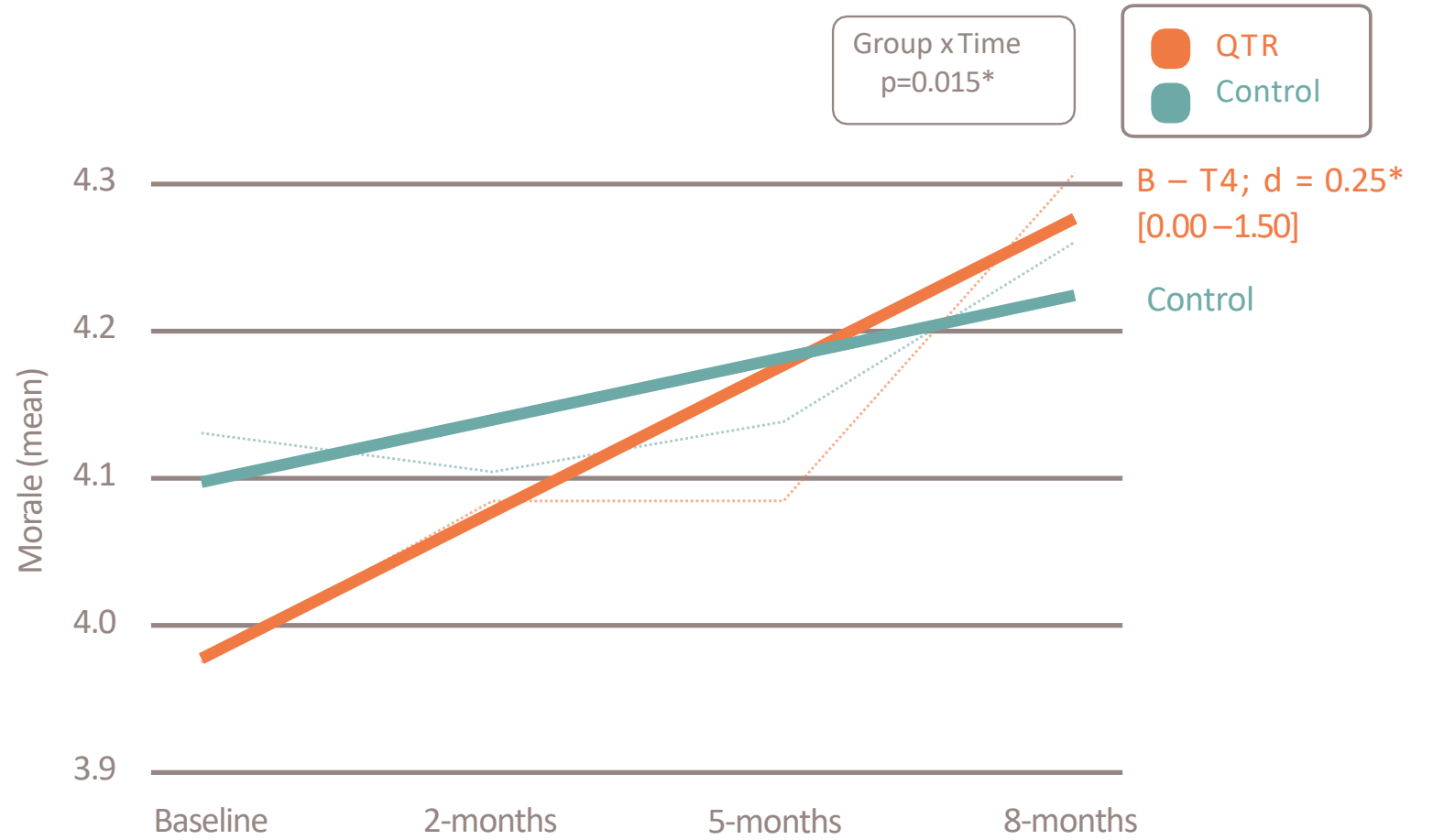
Maths Achievement by School ICSEA Status



IMPACT ON QUALITY OF TEACHING



IMPACT ON MORALE



This is the first time in my career I feel I'm actually teaching students. Until now, I've just been giving them work to do.

They did not like me, and I did not like them, and it was only on hearsay and reputation alone... But when I was in the room with them and working with them, I respected them and I learned to trust them and I learned who they really were.

Concluding thoughts

Exposure to the Quality Teaching Model:

Provides a strong foundation for quality teaching in any grade or specialisation

Builds capacity for ongoing refinement of practice, increased efficacy and job satisfaction

Supports teachers to go beyond a focus on content delivery

Assists teachers to establish their OOF credibility

Concluding thoughts

Exposure to Quality Teaching Rounds:

Increases teachers' confidence in approaching colleagues for assistance

Builds teachers' respect for each others' capacities even when working OOF

Strengthens teachers' valuing of collaboration

Opportunities

- ✓ Membership for every ITE student in Australia in the Quality Teaching Academy
- ✓ Access to Quality Teaching Classroom Practice and Assessment Practice Guides ++
- ✓ Quality Teaching in Practice conference, May 5-6 2022 in Sydney – attend or present
- ✓ QTR workshops for ITE students
- ✓ Cross-institutional research on effects of QTR on graduating students teaching in or out-of-field

Acknowledgements

I wish to acknowledge the many participants in these research studies and my colleagues in the Teachers and Teaching Research Centre who have contributed to the conduct and analysis of these projects.

www.newcastle.edu.au/TTRC

For more information on Quality Teaching and Quality Teaching Rounds visit: www.gtacademy.edu.au

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