

# ONTARIO COLLEGE MATH TEST

## IMPLEMENTATION UPDATE

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# Formal and Diagnostic Tests

Formal (36 items) and Diagnostic (72 items) Tests

## Topics

(1) Whole numbers, (2) Arithmetic, (3) Integers, (4) Decimals, (5) Fractions, (6) Ratios and Proportions, (7) Percents, (8) Basic Algebra and (9) Measurement

## Key Features

- Online computerized tests
- Focus on Knowing, Applying and Reasoning
- Selected and constructed responses
- Immediate feedback
- Test designs to enable the items to be assembled into formal and diagnostic tests that are unique for all test takers, but which are of equal difficulty and are equally representative of the assessment framework

# Remediation Modules

- Interactive remediation modules aligned to assessment topics;
- Rich multimedia formats ensure high levels of engagement;
- Individualized according to student assessment scores;
- Self-paced learning with opportunity to review and move ahead as mastery is demonstrated;
- Access to remedial modules for 3 months after first access.

# Uses of OCMT

	DIAGNOSTIC TEST	REMEDIAL MODULES	FORMAL TEST
POST-ADMISSION (OPTION 1)			✓
POST-ADMISSION (OPTION 2)	✓ →	✓ →	✓
LEARNING CENTRE	✓ →	✓	

# Test-takers by Course

BMTH 010: 47

BMTH 100: 18

BMTH 120: 69

Total: BMTH 134

TMTH 010: 4

TMTH 102: 17

TMTH 104: 17

TMTH 105: 1

TMTH 111: 13

Total: TMTH 52

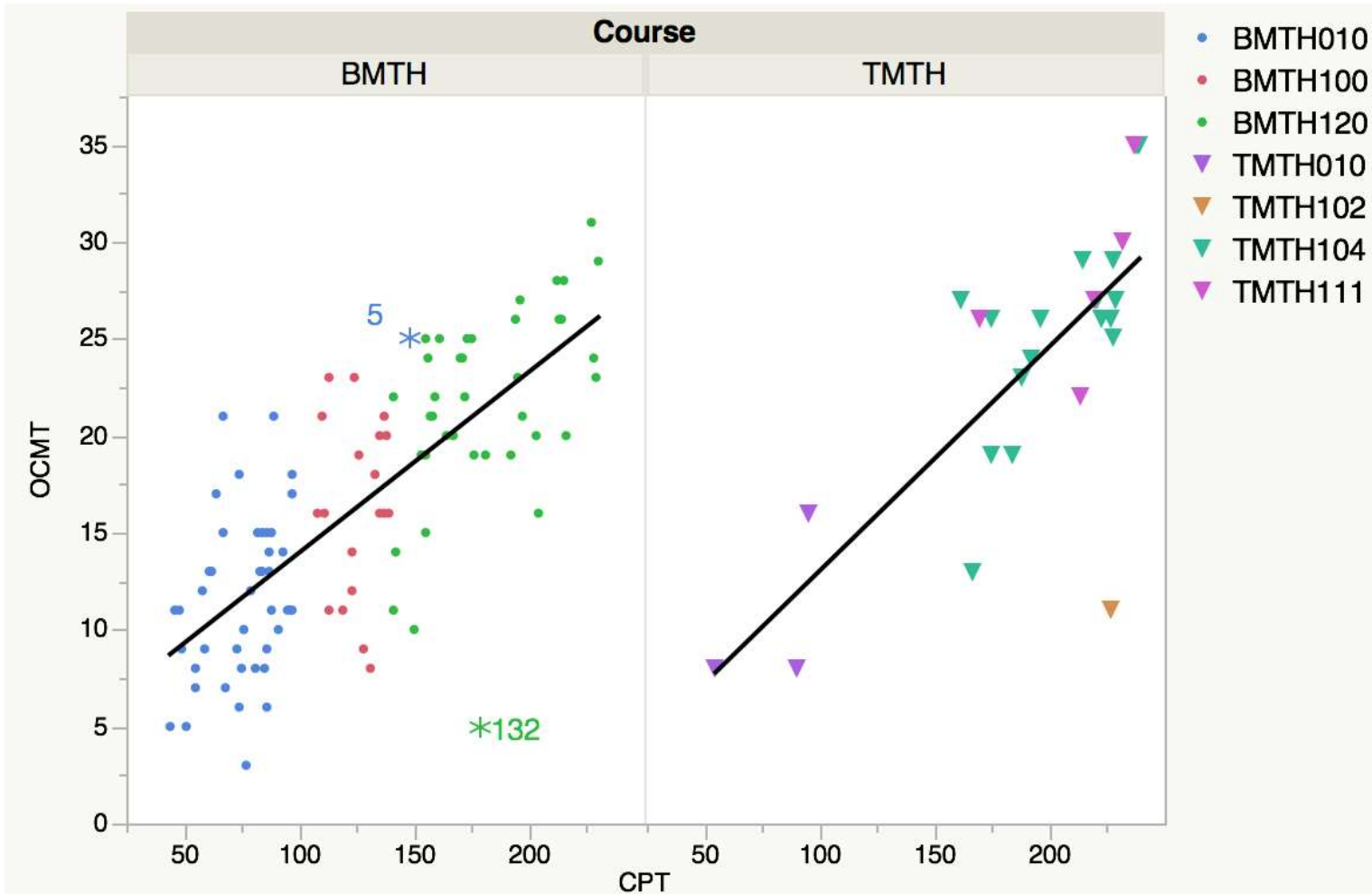
ACEC M05: 17

ACEC M20: 29

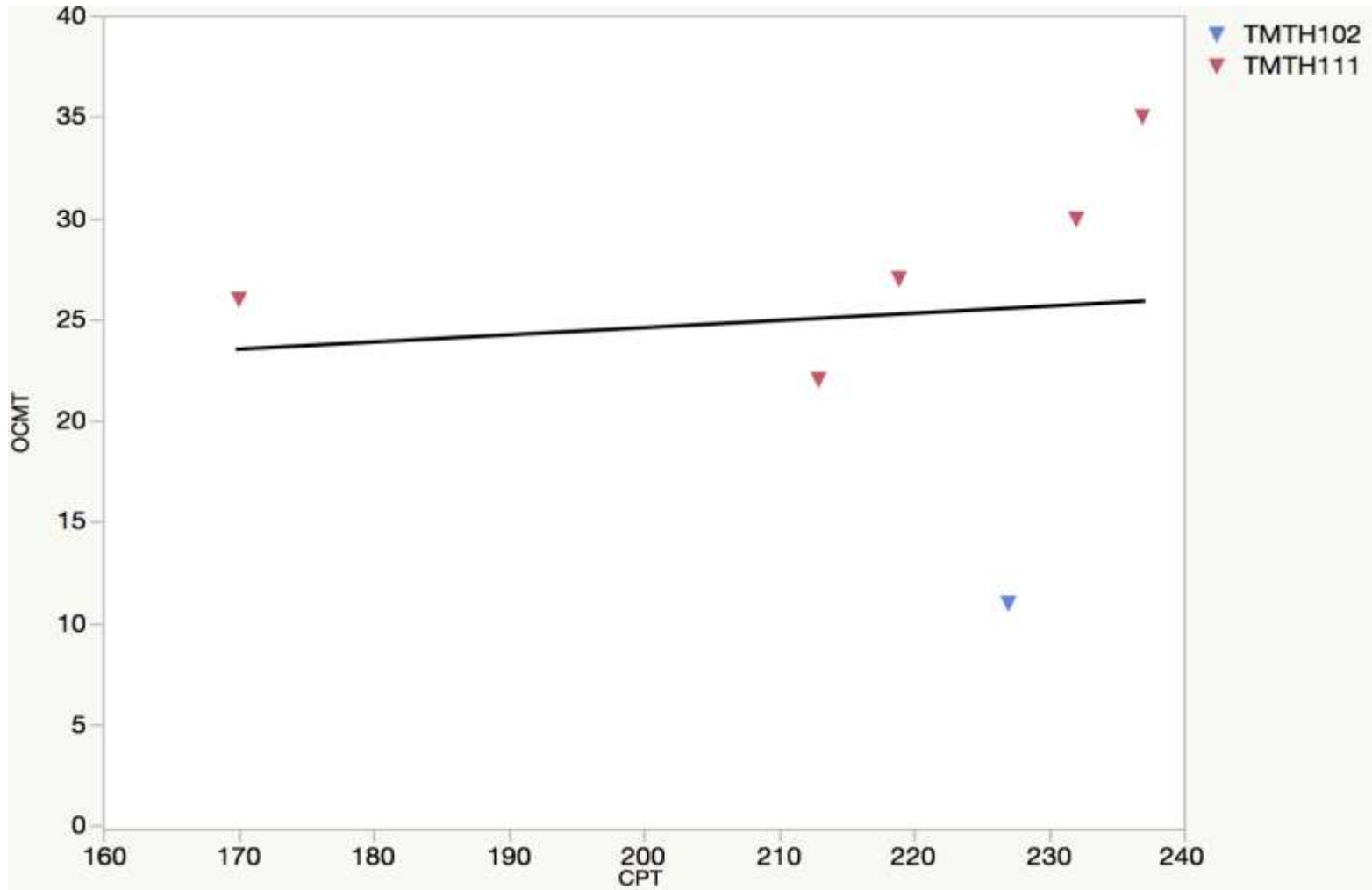
ACEC IAS: 74

Total: ACE 120

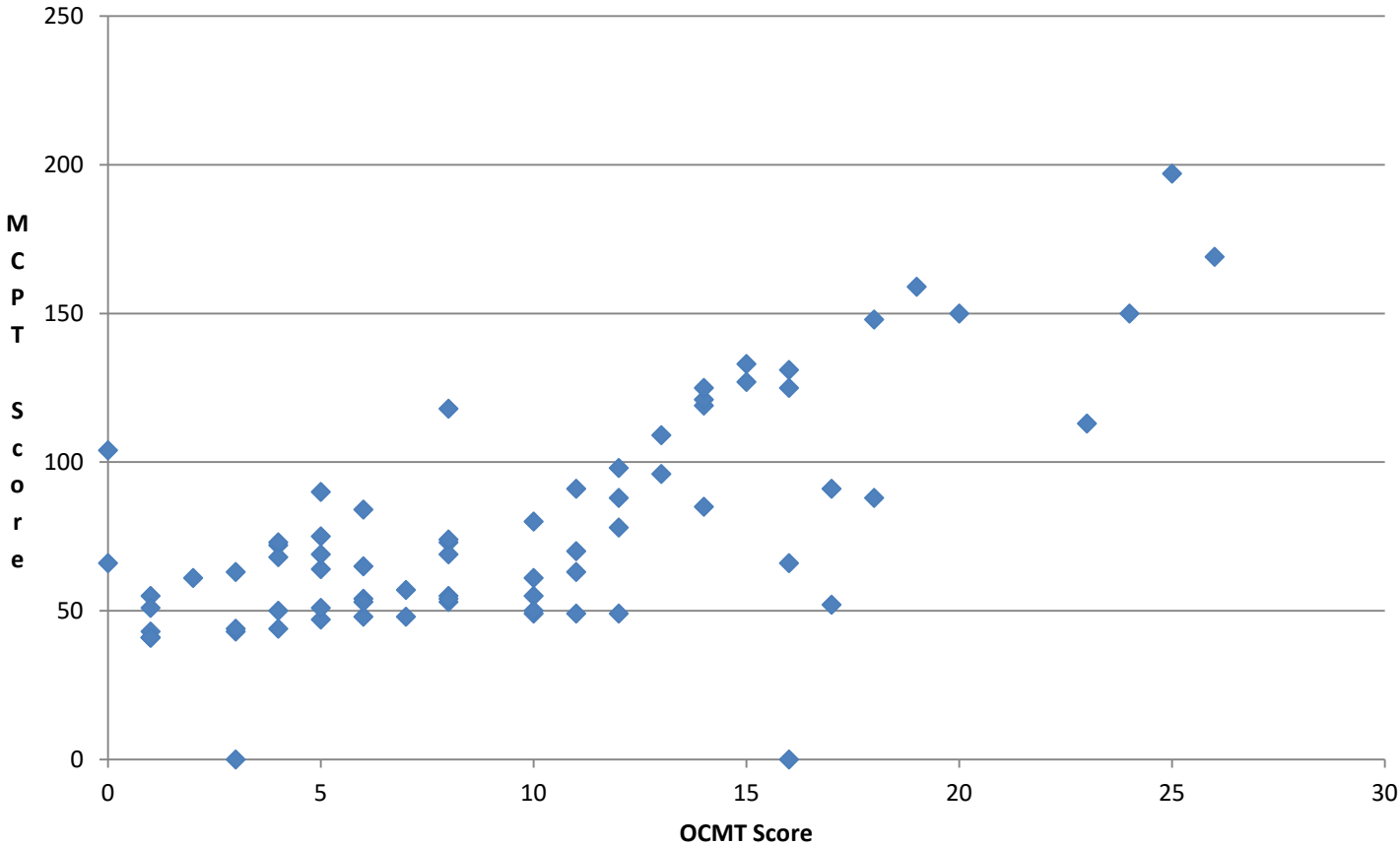
# Business Math Results



# Technical Math Results



# Academic Upgrading Results





# Preliminary Analysis

## Business Mathematics:

< 15                      BMTH 010

> 15 - < 20            BMTH100

> 21                      BMTH120

## Technical Mathematics:

< 16                      TMTH 010

>16 - < 21            TMTH 120

>22                      TMTH 1...

# Preliminary Analysis

## Academic Upgrading

$< 4$	Do not qualify
$> -4 \quad < 10$	ACEC M05
$> -10 \quad < 15$	ACEC M20

# Pricing

RESOURCES	ONTARIO COLLEGE PARTICIPANTS*
Formal Test	\$3 per student
Diagnostic Test	\$5 per student
Remediation Modules	\$2 per module used (or \$15 per student for the entire set of 9 modules)

\* *Ontario college participants are users from the 24 publicly funded Ontario Colleges who participate in the use, maintenance or upkeep of the resources.*

# Next Steps

## Internally

- Benchmarking in S16 and F16
- Analysis of results on individual items
- Analysis including course grade
- OCMT begins developing additional items

## Externally

- Sharing benchmarking data with Colleges
- Integrating OCMT with MyHumber
- Promoting OCMT to secondary school partners

# Questions?

# THANK YOU.



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