Predicting a Students’ Success at a Post-Secondary Institution

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The purpose of this study was to investigate the correlation between the college math entry placement scores, the required college math courses and the final overall GPA of the students that have completed an advanced diploma (three year study) at the Humber College ITAL.
Research Questions

How accurate are the math placement tests that are used by Humber College to initially position students in the appropriate college math learning stream?

Is there a direct correlation between the math placement tests and the final math grades?

How can the placement tests be improved to better reflect the areas of math weaknesses and improve student success at Humber College?
• The Pearson $r$ analysis did demonstrate a positive correlation between college math entry placement scores and grades from the required math courses.

• A significant positive correlation was also demonstrated between the college math placement scores and the final overall GPA of the same sample of students.

• These findings support the use of math placement tests to predict the success of a student at a post-secondary institution.
Where do we go from here?

Expanding the study to include more programs.

Perception vs. Reality
What is the student’s perception of a remedial math course?

Do the remedial math courses assist with student success at a post-secondary institution?