

INVESTIGATING TEACHING INTERVENTIONS TO REDUCE MATH ANXIETY- EXAM CORRECTIONS

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Math anxiety is the feeling of tension or apprehension about mathematics and numbers. Because math anxiety has been correlated to low participation and achievement in mathematics, disproportionately affects students underrepresented in math courses, and can be passed on to children as those with math anxiety become parents and teachers, researchers seek to reduce math anxiety in students (Dowker et al, 2016). This project examines test corrections. Allowing students to submit corrections to high stakes, timed assessments is an established teaching methodology that has been shown to increase student mastery of the content (NCTM, 1995). Does offering students the opportunity to do test corrections also reduce math anxiety in students? I surveyed my students in my College Algebra II and Trigonometry course throughout the semester, utilizing the Math Anxiety Research Scale (Richardson and Suinn, 1972) and open-ended questions to determine their level of math anxiety before, during, and after the course.

