The College of Engineering and Technology at Northern New Mexico College is deeply interested in developing a research-generated knowledge base of how its student demographic learns complex foundational Physical Science concepts (Anderson, Kevin J. B., Sandra Shaw Court, Tom McGarrity, Nandy, Steve Cox, the Student Success Center, and all the faculty of the School of Natural Science). This study examines the development of individual and group (teamwork) self-efficacy and motivations such as competitiveness or cooperation. The dependent variable to be analyzed in the previous table (3b) are attitudes about “competition”. As shown in the table, all 14 participants answered 11 of 12 questions, and only one question was answered by 10 of 14 participants. Descriptors and measures of central tendency indicate that, motivations to success fall into these groupings:

- Success is not very important to me (Q2)
- Success means rewards (Q3, Q5, Q6)
- Success requires competitiveness (Q4, Q12)
- Success is to my own interest (Q10)
- Success determines self-esteem (Q1, Q11)

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In the end, cooperation with others is not compatible with competitiveness. By achieving success, I also get other things in addition to my own personal happiness. For more information contact: Jazmine Lopez. Northern New Mexico College Department of BAIS, Psychology.

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