

Contact Person 2005-06

Name Ed Conjura
Phone 609-771-2767
Email conjura@tcnj.edu

Program(s) Assessed

MATC

Learning Goal/Outcome

Students should possess the skills to apply statistical procedures to a wide variety of real-life problems

Question

Are the students able to apply statistical procedures to real-life problems involving regression analyses?

Expected Answer (hypothesis)

100% of the students can correctly apply appropriate statistical procedures to regression analysis problems drawn from real-life.

Hoped for Answer (alternate hypothesis)

Plan (methods)

All MATC majors take STA 305, Regression Analysis. All students on this course will be given a project as an assessed component of the course. This project will entail detailed analysis of real-life data such as factors affecting selling prices of houses in the Trenton area. Specific questions would be asked that will require different types of analyses to be conducted on the data. The Statistics Committee will meet and develop these questions, and assist in their evaluation.