# Some Past Student Projects Titles

In the past, each student has done two individual projects during AP Statistics. The first involved bivariate regression and the second a two-proportion test. However, more recently the second project could involve any statistical technique. As a result a few students each year decided to learn ANOVA or Multiple Regression to pursue the topic of their interest.

These project titles, some with abstracts, are posted on the class’s external website: <http://www.bbn-school.org/us/math/ap_stats> . However, I do not mention this to my students in hopes that they will come up with topics that are personally meaningful. In fact, I am less and less likely to accept stock projects such as *The Relationship Between Wrist Diameter and Height.*

* Different Sexes’ Ability to Distinguish Font Color From Word Meaning
* Is There A Relationship Between The Number Of Homeruns Hit In A Ballpark In The MLB And The Size Of The Ballpark?
* Do People Know More About Their Life Aspirations As They Progress Through High School?
* The Relationship Between Drop Height and Splat Distance of Eggs Dropped
* Is There an Association Between Hand Temperature and Demeanor of Students.
* The Effect of Listening to Country Music on the Ability to Memorize
* The Relationship Between Stem and Full Leaf Length on a Japanese Maple Tree
* Do Mothers or Fathers Influence Children's Political Views More?
* Is There an Association Between Batting Side And Fielding Position Among Current Major League Baseball Players?
* Cheating: Does Context Matter?
* Time Required to Pass Through a Stop Light Intersection vs. Vehicle’s Position in Line of Stopped Vehicles
* Do More Vehicles containing Children Use a McDonald's Drive-Thru?
* Modeling the Proportion of a Driver Finishing First, Second, or Third in a Formula 1 Race versus the Starting Position of the Driver.
* Finding a Way to Predict NFL Scores in 2009 and How the Results May Trick You!
* Comparing the Proportions of Dresses Made in Asia from Neiman Marcus and Target
* The Effect of a Beat's Tempo on the Reaction Time of Affluent Students Ages 15-18
* Packing Raisins, the Relationship Between Volume and Number of Raisins
* Do Different Color Ner Mitzvah Hannukah Candles Melt at Different Speeds?
* How the Number of Events Played, Driving Distance, and Birdie Average, are Related to Total Money Earned in 2011 on the PGA Tour
* Does Time Pressure Affect Students’ Tendency to Read Directions On a Test?
* Do Children Outgrow Nut Allergies as They Age? Comparing the Proportions of Elementary School and High School Students with Nut Allergies
* Effect of Acoustic Environment on the Memorization Test Scores of Students at a Massachusetts College Preparatory School
* Which Paper Towel Absorbs More? A study of the absorption capabilities per unit surface area for Bounty, Brawny, and Sparkle
* Is there a relationship between a Massachusetts College Preparatory School Student’s favorite color and their favorite flavor?
* The Relationship Between Input Method (Computer or Cell-Phone) On The Typing Speed Of A High School Student At The Buckingham Browne and Nichols School
* Does an Elusive Price Trick Customers
* Does chocolate affect test score?
* Brawny, Bounty, Scott, or Shoppers Value. Which paper towel brand is the most absorbent?
* Comparing the amount of time boys and girls spend on various activities on school days and whether those impact their sleep times.
* Are expensive cars parked better?
* A Study on Hand Dominance and Whether Using Different Hands to Write Affects Memorization.
* Does Music Affect a Rower’s Erg Performance? Comparing the Distance a BB&N Rower can Erg over three minutes With Music versus Without Music
* Does Music Influence Memory?
* Who Prefers Organic Milk: Old People or Young People?
* How the proportion of people in Kenmore Square who consider the Red Sox their favorite professional sports team compares to the portion of people in Porter Square who consider the Red Sox their favorite professional sports team
* The Relationship between the Gender of Celtic’s Basketball Fans and Their Likeliness to Wear Celtic’s Paraphernalia at a Given Game
* A Study Comparing Gender Preferences of Operating Systems
* How do men and women perceive the weight of an individual differently?
* The Effect of Automobile Emissions on the pH level of Water from an Urban and a Suburban City
* Difficulty hitting a Cricket pitch versus a Baseball Pitch
* A Study of the Relationship Between on the Number of Blades on a Turbine and the Speed at Which They Spin
* A Study of Social Networking Responses: Number of Male vs. Female Facebook User Responses
* The Effect of High School Course Level on the Hours of Sleep Obtained per Night
* The proportion of high school students who like basketball rather than hockey at Cambridge Rindge and Latin School (public) versus BB&N School (private).
* The Effect of Music on Memory among BB&N Upper School Students.
* How Lemon Juice affects the Proportion of Oxidized Surface Area in Golden Delicious Apple Slices
* Proportion of Drivers in American cars vs Proportion Drivers in Foreign cars using Cell Phones
* Learning Time for Violin and Guitar
* The Effect of Different Colored Cupcake Frosting on the Proportion of Boys vs. Girls that Will Choose Blue over Pink Frosting