

Date: April 22nd, 2009

Speaker: Hannah Fox, UNC Asheville

Title: *Logistic regression of 2004 students who decided to come to UNCA*

Abstract: In 2004, data was collected on the number of students who had decided to come to UNCA out of a total number of applicants. As a way to predict if a student will decide to come to UNCA, we will demonstrate logistic regression using either Minitab or SAS. In comparison to regression, where the response is quantitative, in logistic regression the response is qualitative; in our case, “yes the student decided to come to UNCA” or “no the student did not decide to come to UNCA.” After demonstrating this, we will walk through how to interpret the results.