



The University of Chicago
Department of Statistics

MASTER'S THESIS PRESENTATION

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**Major League Logistics: A Look at Major League Baseball Batter
and Pitcher Match-ups Using Logistic Analysis**

FRIDAY, July 20, 2012, at 11:00 AM
110 Eckhart Hall, 5734 S. University Avenue

ABSTRACT

The American League East is thought to be one of the most competitive divisions in all of sports. This thesis will deconstruct select batter and pitcher match-ups that occurred within this division during the 2011 season. Through the use of logistic regression analysis; the significant in game effects of an at bat will be determined, the estimation of outcomes of each at bat, as well as determining if a significant batter-pitcher interaction exists.

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