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Since about 2002 several agencies have implemented a star ranking system for graduating high school football players. Players receive a ranking of one to five stars. Of the approximately 300,000 high school football players, on average only 30 get the five- star ranking and about 400 are awarded the four- star ranking. In our presentation, we will explore the correlation between the star ranking of an athlete and his future athletic success. Specifically, we will use a Logit model to determine the probability of earning honors such as All-American or All-conference in college and being drafted by an NFL team, based on an individual's high school star ranking. We will also use regression to investigate the relationship between an athlete's position in the draft and the athlete's star ranking. Finally we will look at other factors affecting an athlete's chance in the NFL draft such as playing in a BCS power conference versus less prestigious conferences. (Received September 16, 2015)